Fenceline Monitoring Report
Irving Oil Searsport Marine Terminal

Quarter Data Report

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Irving Oil Searsport Marine Terminal Fenceline Monitoring

The State of Maine promulgated the Chapter 171 regulatory rule, which establishes control, operating, inspection, testing, monitoring recordkeeping, and licensure requirements for petroleum storage facilities pursuant to 38 M.R.S. Section 590(1). Chapter 171 applies to petroleum storage facilities licensed or required to obtain an air emission license pursuant to either Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. ch. 115 or Part 70 Air Emission License Regulation, 06-096 C.M.R. Ch. 140. The Irving Oil Searsport Marine Terminal operates under Air Emission License A-413-71-Q-R/A and A-413-71-R-M issued by the State of Maine Department of Environmental Protection Bureau of Air Quality. The License was issued pursuant to Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. Ch. 115 and is subject to the requirements of Ch. 171. Accordingly, fenceline monitoring for benzene, ethylbenzene, toluene, and xylenes (BTEX) and analyses of the samples in accordance with Appendix A to 40 C.F.R. Part 63.658, i.e., EPA Methods 325A and 325B as amended on 11/14/2018, is required.

The Irving Oil Searsport Marine Terminal FLM program began on 9/19/24, in accordance with Chapter 171 Section 6B and the Irving Oil Searsport Marine Terminal Chpt. 171 Fenceline Monitoring Plan, Rev 2, dated 8/9/24 and submitted to MEDEP on 8/20/24.

Reporting Requirements of Section 8, Chapter 171 and Corresponding Report Section		
	Requirement	**Report Section**
A	Facility name and address	Cover Page
B	Year and reporting quarter	Cover Page
C	For each passive monitor:	
	Latitude and longitude location coordinates	Site Coordinates Page
	Sampler name	FLM Results Page (Numbered name by location, in Sample Location column)
	Identification of type of sampler	FLM Results
D	The beginning and ending dates for each sampling period.	FLM Results
E	Individual sample results in units of micrograms per cubic meter for each monitor for each sampling period that ends during the reporting period. Results below the method detection limit shall be flagged as such and reported at the method detection limit.	FLM Results
F	Meteorological data collected during each sampling period, including wind speed and direction.	Meteorological Data Pages

Irving Oil Searsport Maine Terminal Fenceline Monitoring

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	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near reporting limit

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260318	C65343	0.427	J	0.282	ND	0.372	J	0.282	ND	0.787	
IRVSEA-2-S-20260318	B50714	0.511		0.281	ND	0.284	J	0.281	ND	0.908	
IRVSEA-2-D-20260318	C67263	0.501		0.281	ND	0.281	ND	0.281	ND	0.823	
IRVSEA-2-B-20260318	C43382	0.193	ND	0.281	ND	0.281	ND	0.281	ND	0.249	ND
IRVSEA-3-S-20260318	C69437	0.58		0.281	ND	0.521	J	0.281	ND	1.17	
IRVSEA-4-S-20260318	C69802	0.601		0.343	J	1.02		0.282	ND	1.26	
IRVSEA-5-S-20260318	C39137	0.463		0.282	ND	0.321	J	0.282	ND	0.861	
IRVSEA-6-S-20260318	C32935	0.512		0.282	ND	0.454	J	0.282	ND	1.09	
IRVSEA-7-S-20260318	C33457	0.658		0.364	J	1.04		0.398	J	2.08	
IRVSEA-8-S-20260318	B49409	1.21		0.895		2.52		0.975		5.38	
IRVSEA-8-D-20260318	C37434	1.17		0.931		2.82		1.03		5.40	
IRVSEA-8-B-20260318	C68635	0.193	ND	0.282	ND	0.282	ND	0.282	ND	0.342	J
IRVSEA-9-S-20260318	C60241	0.885		0.536	J	1.84		0.691		3.37	
IRVSEA-10-S-20260318	C57769	1.18		0.861		3.01		1.14		5.35	
IRVSEA-11-S-20260318	B31114	0.882		0.462	J	1.26		0.494	J	3.03	
IRVSEA-12-S-20260318	B50693	0.657		0.291	J	0.795		0.318	J	2.05	
IRVSEA-13-S-20260318	C56877	0.452	J	0.282	ND	0.509	J	0.282	ND	1.06	
IRVSEA-14-S-20260318	B46211	0.465		0.282	ND	0.29	J	0.282	ND	0.897	
IRVSEA-15-S-20260318	C67452	0.424	J	0.282	ND	0.282	ND	0.282	ND	0.357	J
IRVSEA-16-S-20260318	C01507	0.391	J	0.282	ND	0.282	ND	0.282	ND	0.385	J
IRVSEA-17-S-20260318	C40176	0.434	J	0.282	ND	0.282	ND	0.282	ND	0.512	J
IRVSEA-1-S-20260401	C37461	0.453	J	0.279	ND	0.292	J	0.279	ND	0.758	
IRVSEA-2-S-20260401	C16090	0.478		0.278	ND	0.278	ND	0.278	ND	0.687	
IRVSEA-2-D-20260401	C60244	0.406	J	0.278	ND	0.368	J	0.278	ND	0.691	
IRVSEA-2-B-20260401	C00824	0.191	ND	0.278	ND	0.278	ND	0.278	ND	0.246	ND
IRVSEA-3-S-20260401	C24172	0.525		0.310	J	0.781		0.278	ND	1.10	
IRVSEA-4-S-20260401	C69465	0.521		0.286	J	0.905		0.278	ND	1.17	
IRVSEA-5-S-20260401	C24210	0.519		0.278	ND	0.410	J	0.278	ND	1.08	
IRVSEA-6-S-20260401	B50713	0.528		0.278	ND	0.378	J	0.278	ND	1.09	
IRVSEA-7-S-20260401	C57122	0.806		0.431	J	1.55		0.627	J	2.79	

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Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-8-S-20260401	C39274	1.02		0.624		2.03		0.800		3.89	
IRVSEA-8-D-20260401	B45091	1.05		0.675		2.07		0.826		4.00	
IRVSEA-8-B-20260401	B49544	0.191	ND	0.278	ND	0.278	ND	0.278	ND	0.246	ND
IRVSEA-9-S-20260401	C57416	0.712		0.442	J	1.62		0.646		2.39	
IRVSEA-10-S-20260401	C70792	0.921		0.424	J	1.69		0.652		3.01	
IRVSEA-11-S-20260401	C71559	1.01		0.542	J	1.99		0.798		3.57	
IRVSEA-12-S-20260401	C67316	0.917		0.551	J	1.98		0.792		3.21	
IRVSEA-13-S-20260401	C57728	0.554		0.283	J	0.958		0.391	J	1.65	
IRVSEA-14-S-20260401	C69688	0.472		0.278	ND	0.542	J	0.278	ND	1.08	
IRVSEA-15-S-20260401	C71747	0.401	J	0.278	ND	0.278	ND	0.278	ND	0.436	J
IRVSEA-16-S-20260401	C67357	0.331	J	0.278	ND	0.278	ND	0.278	ND	0.339	J
IRVSEA-17-S-20260401	C32703	0.334	J	0.278	ND	0.278	ND	0.278	ND	0.420	J
IRVSEA-1-S-20260415	C16128	0.534		0.279	ND	0.590	J	0.279	ND	1.52	
IRVSEA-2-S-20260415	B46160	0.511		0.291	J	0.744		0.280	ND	1.43	
IRVSEA-2-D-20260415	C73545	0.538		0.280	ND	0.847		0.319	J	1.62	
IRVSEA-2-B-20260415	C01564	0.192	ND	0.280	ND	0.280	ND	0.280	ND	0.247	ND
IRVSEA-3-S-20260415	B39455	0.472		0.322	J	0.886		0.280	ND	1.44	
IRVSEA-4-S-20260415	C38950	0.510		0.394	J	1.03		0.279	ND	1.55	
IRVSEA-5-S-20260415	C36915	0.508		0.308	J	0.769		0.279	ND	1.69	
IRVSEA-6-S-20260415	C37433	0.837		0.681		2.00		0.712		3.69	
IRVSEA-7-S-20260415	C57719	1.21		1.14		4.00		1.43		5.97	
IRVSEA-8-S-20260415	C43598	1.53		1.47		4.86		1.78		7.91	
IRVSEA-8-D-20260415	C33442	1.53		1.53		5.10		1.90		8.14	
IRVSEA-8-B-20260415	C43873	0.192	ND	0.279	ND	0.279	ND	0.279	ND	0.247	ND
IRVSEA-9-S-20260415	C71526	0.972		0.705		2.6		0.957		3.91	
IRVSEA-10-S-20260415	C69740	1.22		1.31		4.81		1.76		6.08	
IRVSEA-11-S-20260415	C20574	1.22		1.03		3.19		1.18		5.44	
IRVSEA-12-S-20260415	C43592	1.00		0.876		3.00		1.07		4.84	
IRVSEA-13-S-20260415	C02208	0.659		0.478	J	1.25		0.453	J	2.51	
IRVSEA-14-S-20260415	B38433	0.443	J	0.279	ND	0.670	J	0.279	ND	1.42	

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IRVSEA-15-S-20260415	C40697	0.322	J	0.279	ND	0.279	ND	0.279	ND	0.470	J
IRVSEA-16-S-20260415	C01403	0.296	J	0.279	ND	0.279	ND	0.279	ND	0.449	J
IRVSEA-17-S-20260415	C53608	0.318	J	0.279	ND	0.279	ND	0.279	ND	0.491	J
IRVSEA-1-S-20260429	C71646	0.374	J	0.277	ND	0.366	J,Pc	0.277	ND	0.698	
IRVSEA-2-S-20260429	C43336	0.326	J	0.276	ND	0.287	J,Pc	0.276	ND	0.716	
IRVSEA-2-D-20260429	C57644	0.339	J	0.276	ND	0.437	J,Pc	0.276	ND	0.758	
IRVSEA-2-B-20260429	C36916	0.190	ND	0.276	ND	0.276	ND,Pc	0.276	ND	0.244	ND
IRVSEA-3-S-20260429	C71513	0.463		0.276	ND	0.58	J,Pc	0.276	ND	1.12	
IRVSEA-4-S-20260429	C71601	0.524		0.313	J	0.935	Pc	0.279	J	1.52	
IRVSEA-5-S-20260429	B21073	0.500		0.276	ND	0.694	Pc	0.277	J	1.56	
IRVSEA-6-S-20260429	B35573	0.665		0.315	J	0.885	Pc	0.342	J	2.12	
IRVSEA-7-S-20260429	C65210	1.25		0.837		2.95	Pc	1.15		5.13	
IRVSEA-8-S-20260429	B53299	1.50		0.931		2.89	Pc	1.15		6.14	
IRVSEA-8-D-20260429	B46244	1.53		1.12		3.57	Pc	1.39		6.38	
IRVSEA-8-B-20260429	C37509	0.190	ND	0.276	ND	0.276	ND,Pc	0.276	ND	0.245	ND
IRVSEA-9-S-20260429	C01664	0.596		0.277	ND	0.795	Pc	0.314	J	1.79	
IRVSEA-10-S-20260429	C36897	0.693		0.396	J	1.17	Pc	0.434	J	2.52	
IRVSEA-11-S-20260429	B45100	1.26		0.840		2.59	Pc	1.03		5.09	
IRVSEA-12-S-20260429	C69804	1.14		0.744		2.66	Pc	1.03		4.81	
IRVSEA-13-S-20260429	C36893	0.649		0.427	J	1.17	Pc	0.451	J	2.38	
IRVSEA-14-S-20260429	B37532	0.433	J	0.277	ND	0.583	J,Pc	0.277	ND	1.45	
IRVSEA-15-S-20260429	C33484	0.213	J	0.276	ND	0.276	ND,Pc	0.276	ND	0.369	J
IRVSEA-16-S-20260429	B52736	0.292	J	0.276	ND	0.276	ND,Pc	0.276	ND	0.485	J
IRVSEA-17-S-20260429	C01620	0.340	J	0.276	ND	0.276	ND,Pc	0.276	ND	0.400	J
IRVSEA-1-S-20260513	C43342	0.363	J	0.275	ND	0.388	J	0.275	ND	0.982	
IRVSEA-2-S-20260513	C69525	0.473		0.275	ND	0.422	J	0.275	ND	1.05	
IRVSEA-2-D-20260513	B50962	0.428	J	0.275	ND	0.495	J	0.275	ND	1.17	
IRVSEA-2-B-20260513	C71661	0.189	ND	0.275	ND	0.275	ND	0.275	ND	0.244	ND
IRVSEA-3-S-20260513	C35829	0.466		0.305	J	0.715		0.275	ND	1.34	
IRVSEA-4-S-20260513	C40196	0.368	J	0.275	ND	0.275	ND	0.275	ND	0.808	

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IRVSEA-5-S-20260513	C20556	0.462		0.275	ND	0.772		0.292	J	1.42	
IRVSEA-6-S-20260513	C40676	0.535		0.315	J	0.920		0.338	J	1.92	
IRVSEA-7-S-20260513	C24181	1.11		0.777		2.34		0.891		4.59	
IRVSEA-8-S-20260513	C17233	1.97		1.22		4.36		1.70		8.27	
IRVSEA-8-D-20260513	C36983	1.99		1.35		4.42		1.66		8.55	
IRVSEA-8-B-20260513	C33460	0.189	ND	0.275	ND	0.275	ND	0.275	ND	0.243	ND
IRVSEA-9-S-20260513	C31426	0.948		0.622		1.89		0.719		3.78	
IRVSEA-10-S-20260513	C32703	1.53		1.05		3.34		1.27		6.48	
IRVSEA-11-S-20260513	B53216	1.60		1.06		3.30		1.30		6.59	
IRVSEA-12-S-20260513	C36920	1.18		0.762		2.26		0.859		4.77	
IRVSEA-13-S-20260513	C70028	0.666		0.401	J	1.35		0.536	J	2.50	
IRVSEA-14-S-20260513	C02026	0.495		0.275	ND	0.616	J	0.275	ND	1.55	
IRVSEA-15-S-20260513	C68580	0.296	J	0.275	ND	0.303	J	0.275	ND	0.630	
IRVSEA-16-S-20260513	C61560	0.286	J	0.275	ND	0.275	ND	0.275	ND	0.576	
IRVSEA-17-S-20260513	C37461	0.30	J	0.275	ND	0.290	J	0.275	ND	0.778	
IRVSEA-1-S-20260527	C32905	0.443	J	0.274	ND	0.367	J,Pc	0.274	ND	1.29	
IRVSEA-2-S-20260527	C71686	0.56		0.274	ND	0.678	Pc	0.274	ND	1.51	
IRVSEA-2-D-20260527	B48047	0.564		0.274	ND	0.411	J,Pc	0.274	ND	1.41	
IRVSEA-2-B-20260527	C16105	0.188	ND	0.274	ND	0.274	ND,Pc	0.274	ND	0.242	ND
IRVSEA-3-S-20260527	C71599	0.492		0.274	ND	0.863	Pc	0.289	J	1.51	
IRVSEA-4-S-20260527	C55382	0.417	J	0.579	J	1.47	Pc	0.288	J	1.44	
IRVSEA-5-S-20260527	C43889	0.393	J	0.274	ND	0.509	J,Pc	0.274	ND	1.22	
IRVSEA-6-S-20260527	C32896	0.593		0.352	J	0.927	Pc	0.338	J	2.24	
IRVSEA-7-S-20260527	C00703	1.15		0.684		2.12	Pc	0.796		4.69	
IRVSEA-8-S-20260527	C55513	2.64		1.64		5.79	Pc	2.11		12.0	
IRVSEA-8-D-20260527	C57504	2.61		1.64		6.06	Pc	2.26		12.0	
IRVSEA-8-B-20260527	B44278	0.188	ND	0.274	ND	0.274	ND,Pc	0.274	ND	0.242	ND
IRVSEA-9-S-20260527	C69789	1.65		0.851		3.21	Pc	1.18		6.87	
IRVSEA-10-S-20260527	C32892	2.26		1.42		4.58	Pc	1.67		10.2	
IRVSEA-11-S-20260527	C55574	1.71		1.10		3.49	Pc	1.30		7.39	

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IRVSEA-12-S-20260527	C16151	0.794		0.637		1.76	Pc	0.614	J	3.34	
IRVSEA-13-S-20260527	C40575	0.397	J	0.457	J	1.40	Pc	0.359	J	1.47	
IRVSEA-14-S-20260527	B34419	0.322	J	0.274	ND	0.769	Pc	0.274	ND	1.16	
IRVSEA-15-S-20260527	C55771	0.321	J	0.274	ND	0.313	J,Pc	0.274	ND	0.912	
IRVSEA-16-S-20260527	B52758	0.284	J	0.274	ND	0.274	ND,Pc	0.274	ND	0.673	
IRVSEA-17-S-20260527	B44224	0.428	J	0.274	ND	0.274	ND,Pc	0.274	ND	0.686	
IRVSEA-1-S-20260610	C70033	0.479		0.272	ND,Pc	0.742	P	0.272	ND,P	1.29	P
IRVSEA-2-S-20260610	C69499	0.720		0.272	ND,Pc	0.878	P	0.310	J,P	1.91	P
IRVSEA-2-D-20260610	C55746	0.668		1.04	Pc	5.42	P	1.82	P	5.20	P
IRVSEA-2-B-20260610	B48672	0.187	ND	0.272	ND,Pc	0.272	ND,P	0.272	ND,P	0.240	ND,P
IRVSEA-3-S-20260610	C71579	0.814		0.370	J,Pc	1.27	P	0.354	J,P	2.08	P
IRVSEA-4-S-20260610	C55558	0.906		0.391	J,Pc	0.999	P	0.331	J,P	2.51	P
IRVSEA-5-S-20260610	C55738	0.403	J	0.398	J,Pc	1.08	P	0.272	ND,P	1.13	P
IRVSEA-6-S-20260610	C43620	0.613		0.298	J,Pc	0.797	P	0.297	J,P	1.99	P
IRVSEA-7-S-20260610	B27840	1.44		0.735	Pc	2.10	P	0.830	P	4.97	P
IRVSEA-8-S-20260610	C73603	1.82		0.798	Pc	2.93	P	1.17	P	6.27	P
IRVSEA-8-D-20260610	C01560	1.69		0.964	Pc	2.67	P	1.06	P	6.27	P
IRVSEA-8-B-20260610	C01646	0.187	ND	0.272	ND,Pc	0.272	ND,P	0.272	ND,P	0.240	ND,P
IRVSEA-9-S-20260610	B52784	0.870		0.443	J,Pc	1.16	P	0.442	J,P	2.79	P
IRVSEA-10-S-20260610	C36867	1.34		0.657	Pc	1.71	P	0.678	P	4.48	P
IRVSEA-11-S-20260610	B19070	2.48		1.12	Pc	3.45	P	1.36	P	8.73	P
IRVSEA-12-S-20260610	B46185	1.25		0.578	J,Pc	1.42	P	0.540	J,P	4.37	P
IRVSEA-13-S-20260610	C57747	0.642		0.336	J,Pc	1.14	P	0.398	J,P	2.17	P
IRVSEA-14-S-20260610	C40136	0.401	J	0.272	ND,Pc	0.517	J,P	0.272	ND,P	1.57	P
IRVSEA-15-S-20260610	B46257	0.368	J	0.272	ND,Pc	0.272	ND,P	0.272	ND,P	0.760	P
IRVSEA-16-S-20260610	C57571	0.280	J	0.272	ND,Pc	0.272	ND,P	0.272	ND,P	0.656	P
IRVSEA-17-S-20260610	B50806	0.386	J	0.272	ND,Pc	0.272	ND,P	0.272	ND,P	0.754	P

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Flags:	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near reporting limit

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
Quarter 2, 2026 Maximum		2.64		1.64		5.79		2.11		12.0	
Quarter 2, 2026 Average		0.741		0.477		1.31		0.539		2.55	
Rolling Annual Maximum		7.73		6.54		18.6		5.53		22.9	
Rolling Annual Average		1.31		0.890		2.68		1.02		4.06	

QA/QC Data Qualifiers and Interpretation (Maine Chapter 171):

Certain fenceline monitoring results presented in this report include standard laboratory or field quality assurance qualifiers (e.g., ND, J, P, Pc) generated through implementation of EPA Method 325A/325B and associated data validation procedures. These qualifiers are informational in nature and are applied in accordance with established Method 325 and Chapter 171 data review practices.

All qualified results were reviewed as part of the data validation process and were determined to be technically valid and representative of ambient conditions for the applicable sampling periods. Observed qualifiers primarily reflect low level detections near method detection limits, expected analytical variability between co located duplicate samples, or trace detections in field blanks at concentrations that do not affect data usability or interpretation.

Consistent with Maine Department of Environmental Protection (MEDEP) Chapter 171 reporting expectations, the presence of QA/QC qualifiers does not, by itself, indicate data quality failure, monitoring non compliance, or the need for corrective action. No qualified results identified during the most recent monitoring period affect the validity of quarterly or rolling annual BTEX concentrations, and no additional monitoring or response actions were warranted based on QA/QC review.

* Reported concentrations and method detection limits have been rounded to 3 significant figures for consistency and readability; no underlying data values or calculations were changed.

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-1-S-20260318	1	Benzene	Sample	0.427	ug/m3	0.194	ug/m3	J	Y	3/18/2026	11:02	4/1/2026	10:16
IRVSEA-1-S-20260318	1	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:02	4/1/2026	10:16
IRVSEA-1-S-20260318	1	m-/p-Xylenes	Sample	0.372	ug/m3	0.282	ug/m3	J	Y	3/18/2026	11:02	4/1/2026	10:16
IRVSEA-1-S-20260318	1	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:02	4/1/2026	10:16
IRVSEA-1-S-20260318	1	Toluene	Sample	0.787	ug/m3	0.25	ug/m3		Y	3/18/2026	11:02	4/1/2026	10:16
IRVSEA-2-S-20260318	2	Benzene	Sample	0.511	ug/m3	0.193	ug/m3		Y	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-S-20260318	2	Ethylbenzene	Sample	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-S-20260318	2	m-/p-Xylenes	Sample	0.284	ug/m3	0.281	ug/m3	J	Y	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-S-20260318	2	o-Xylene	Sample	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-S-20260318	2	Toluene	Sample	0.908	ug/m3	0.249	ug/m3		Y	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-D-20260318	2	Benzene	Duplicate	0.501	ug/m3	0.193	ug/m3		Y	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-D-20260318	2	Ethylbenzene	Duplicate	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-D-20260318	2	m-/p-Xylenes	Duplicate	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-D-20260318	2	o-Xylene	Duplicate	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-D-20260318	2	Toluene	Duplicate	0.823	ug/m3	0.249	ug/m3		Y	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-B-20260318	2	Benzene	Blank	<0.193	ug/m3	0.193	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-B-20260318	2	Ethylbenzene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-B-20260318	2	m-/p-Xylenes	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-B-20260318	2	o-Xylene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-2-B-20260318	2	Toluene	Blank	<0.249	ug/m3	0.249	ug/m3	ND	N	3/18/2026	10:21	4/1/2026	10:20
IRVSEA-3-S-20260318	3	Benzene	Sample	0.58	ug/m3	0.193	ug/m3		Y	3/18/2026	10:24	4/1/2026	10:23
IRVSEA-3-S-20260318	3	Ethylbenzene	Sample	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:24	4/1/2026	10:23
IRVSEA-3-S-20260318	3	m-/p-Xylenes	Sample	0.521	ug/m3	0.281	ug/m3	J	Y	3/18/2026	10:24	4/1/2026	10:23
IRVSEA-3-S-20260318	3	o-Xylene	Sample	<0.281	ug/m3	0.281	ug/m3	ND	N	3/18/2026	10:24	4/1/2026	10:23
IRVSEA-3-S-20260318	3	Toluene	Sample	1.17	ug/m3	0.249	ug/m3		Y	3/18/2026	10:24	4/1/2026	10:23
IRVSEA-4-S-20260318	4	Benzene	Sample	0.601	ug/m3	0.193	ug/m3		Y	3/18/2026	10:28	4/1/2026	10:26
IRVSEA-4-S-20260318	4	Ethylbenzene	Sample	0.343	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:28	4/1/2026	10:26
IRVSEA-4-S-20260318	4	m-/p-Xylenes	Sample	1.02	ug/m3	0.282	ug/m3		Y	3/18/2026	10:28	4/1/2026	10:26
IRVSEA-4-S-20260318	4	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:28	4/1/2026	10:26
IRVSEA-4-S-20260318	4	Toluene	Sample	1.26	ug/m3	0.249	ug/m3		Y	3/18/2026	10:28	4/1/2026	10:26
IRVSEA-5-S-20260318	5	Benzene	Sample	0.463	ug/m3	0.193	ug/m3		Y	3/18/2026	10:31	4/1/2026	10:29
IRVSEA-5-S-20260318	5	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:31	4/1/2026	10:29

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-5-S-20260318	5	m-/p-Xylenes	Sample	0.321	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:31	4/1/2026	10:29
IRVSEA-5-S-20260318	5	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:31	4/1/2026	10:29
IRVSEA-5-S-20260318	5	Toluene	Sample	0.861	ug/m3	0.249	ug/m3		Y	3/18/2026	10:31	4/1/2026	10:29
IRVSEA-6-S-20260318	6	Benzene	Sample	0.512	ug/m3	0.193	ug/m3		Y	3/18/2026	10:37	4/1/2026	10:32
IRVSEA-6-S-20260318	6	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:37	4/1/2026	10:32
IRVSEA-6-S-20260318	6	m-/p-Xylenes	Sample	0.454	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:37	4/1/2026	10:32
IRVSEA-6-S-20260318	6	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:37	4/1/2026	10:32
IRVSEA-6-S-20260318	6	Toluene	Sample	1.09	ug/m3	0.249	ug/m3		Y	3/18/2026	10:37	4/1/2026	10:32
IRVSEA-7-S-20260318	7	Benzene	Sample	0.658	ug/m3	0.193	ug/m3		Y	3/18/2026	10:38	4/1/2026	10:35
IRVSEA-7-S-20260318	7	Ethylbenzene	Sample	0.364	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:38	4/1/2026	10:35
IRVSEA-7-S-20260318	7	m-/p-Xylenes	Sample	1.04	ug/m3	0.282	ug/m3		Y	3/18/2026	10:38	4/1/2026	10:35
IRVSEA-7-S-20260318	7	o-Xylene	Sample	0.398	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:38	4/1/2026	10:35
IRVSEA-7-S-20260318	7	Toluene	Sample	2.08	ug/m3	0.249	ug/m3		Y	3/18/2026	10:38	4/1/2026	10:35
IRVSEA-8-S-20260318	8	Benzene	Sample	1.21	ug/m3	0.193	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-S-20260318	8	Ethylbenzene	Sample	0.895	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-S-20260318	8	m-/p-Xylenes	Sample	2.52	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-S-20260318	8	o-Xylene	Sample	0.975	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-S-20260318	8	Toluene	Sample	5.38	ug/m3	0.249	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-D-20260318	8	Benzene	Duplicate	1.17	ug/m3	0.193	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-D-20260318	8	Ethylbenzene	Duplicate	0.931	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-D-20260318	8	m-/p-Xylenes	Duplicate	2.82	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-D-20260318	8	o-Xylene	Duplicate	1.03	ug/m3	0.282	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-D-20260318	8	Toluene	Duplicate	5.4	ug/m3	0.249	ug/m3		Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-B-20260318	8	Benzene	Blank	<0.193	ug/m3	0.193	ug/m3	ND	N	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-B-20260318	8	Ethylbenzene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-B-20260318	8	m-/p-Xylenes	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-B-20260318	8	o-Xylene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-8-B-20260318	8	Toluene	Blank	0.342	ug/m3	0.249	ug/m3	J	Y	3/18/2026	10:40	4/1/2026	10:37
IRVSEA-9-S-20260318	9	Benzene	Sample	0.885	ug/m3	0.193	ug/m3		Y	3/18/2026	10:43	4/1/2026	10:39
IRVSEA-9-S-20260318	9	Ethylbenzene	Sample	0.536	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:43	4/1/2026	10:39
IRVSEA-9-S-20260318	9	m-/p-Xylenes	Sample	1.84	ug/m3	0.282	ug/m3		Y	3/18/2026	10:43	4/1/2026	10:39
IRVSEA-9-S-20260318	9	o-Xylene	Sample	0.691	ug/m3	0.282	ug/m3		Y	3/18/2026	10:43	4/1/2026	10:39

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-9-S-20260318	9	Toluene	Sample	3.37	ug/m3	0.249	ug/m3		Y	3/18/2026	10:43	4/1/2026	10:39
IRVSEA-10-S-20260318	10	Benzene	Sample	1.18	ug/m3	0.193	ug/m3		Y	3/18/2026	10:46	4/1/2026	10:41
IRVSEA-10-S-20260318	10	Ethylbenzene	Sample	0.861	ug/m3	0.282	ug/m3		Y	3/18/2026	10:46	4/1/2026	10:41
IRVSEA-10-S-20260318	10	m-/p-Xylenes	Sample	3.01	ug/m3	0.282	ug/m3		Y	3/18/2026	10:46	4/1/2026	10:41
IRVSEA-10-S-20260318	10	o-Xylene	Sample	1.14	ug/m3	0.282	ug/m3		Y	3/18/2026	10:46	4/1/2026	10:41
IRVSEA-10-S-20260318	10	Toluene	Sample	5.35	ug/m3	0.249	ug/m3		Y	3/18/2026	10:46	4/1/2026	10:41
IRVSEA-11-S-20260318	11	Benzene	Sample	0.882	ug/m3	0.193	ug/m3		Y	3/18/2026	10:49	4/1/2026	10:43
IRVSEA-11-S-20260318	11	Ethylbenzene	Sample	0.462	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:49	4/1/2026	10:43
IRVSEA-11-S-20260318	11	m-/p-Xylenes	Sample	1.26	ug/m3	0.282	ug/m3		Y	3/18/2026	10:49	4/1/2026	10:43
IRVSEA-11-S-20260318	11	o-Xylene	Sample	0.494	ug/m3	0.282	ug/m3	J	Y	3/18/2026	10:49	4/1/2026	10:43
IRVSEA-11-S-20260318	11	Toluene	Sample	3.03	ug/m3	0.249	ug/m3		Y	3/18/2026	10:49	4/1/2026	10:43
IRVSEA-12-S-20260318	12	Benzene	Sample	0.657	ug/m3	0.194	ug/m3		Y	3/18/2026	11:16	4/1/2026	10:05
IRVSEA-12-S-20260318	12	Ethylbenzene	Sample	0.291	ug/m3	0.282	ug/m3	J	Y	3/18/2026	11:16	4/1/2026	10:05
IRVSEA-12-S-20260318	12	m-/p-Xylenes	Sample	0.795	ug/m3	0.282	ug/m3		Y	3/18/2026	11:16	4/1/2026	10:05
IRVSEA-12-S-20260318	12	o-Xylene	Sample	0.318	ug/m3	0.282	ug/m3	J	Y	3/18/2026	11:16	4/1/2026	10:05
IRVSEA-12-S-20260318	12	Toluene	Sample	2.05	ug/m3	0.25	ug/m3		Y	3/18/2026	11:16	4/1/2026	10:05
IRVSEA-13-S-20260318	13	Benzene	Sample	0.452	ug/m3	0.194	ug/m3	J	Y	3/18/2026	11:10	4/1/2026	10:10
IRVSEA-13-S-20260318	13	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:10	4/1/2026	10:10
IRVSEA-13-S-20260318	13	m-/p-Xylenes	Sample	0.509	ug/m3	0.282	ug/m3	J	Y	3/18/2026	11:10	4/1/2026	10:10
IRVSEA-13-S-20260318	13	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:10	4/1/2026	10:10
IRVSEA-13-S-20260318	13	Toluene	Sample	1.06	ug/m3	0.25	ug/m3		Y	3/18/2026	11:10	4/1/2026	10:10
IRVSEA-14-S-20260318	14	Benzene	Sample	0.465	ug/m3	0.194	ug/m3		Y	3/18/2026	11:07	4/1/2026	10:11
IRVSEA-14-S-20260318	14	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:07	4/1/2026	10:11
IRVSEA-14-S-20260318	14	m-/p-Xylenes	Sample	0.29	ug/m3	0.282	ug/m3	J	Y	3/18/2026	11:07	4/1/2026	10:11
IRVSEA-14-S-20260318	14	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:07	4/1/2026	10:11
IRVSEA-14-S-20260318	14	Toluene	Sample	0.897	ug/m3	0.25	ug/m3		Y	3/18/2026	11:07	4/1/2026	10:11
IRVSEA-15-S-20260318	15	Benzene	Sample	0.424	ug/m3	0.193	ug/m3	J	Y	3/18/2026	11:32	4/1/2026	11:13
IRVSEA-15-S-20260318	15	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:32	4/1/2026	11:13
IRVSEA-15-S-20260318	15	m-/p-Xylenes	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:32	4/1/2026	11:13
IRVSEA-15-S-20260318	15	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:32	4/1/2026	11:13
IRVSEA-15-S-20260318	15	Toluene	Sample	0.357	ug/m3	0.249	ug/m3	J	Y	3/18/2026	11:32	4/1/2026	11:13
IRVSEA-16-S-20260318	16	Benzene	Sample	0.391	ug/m3	0.193	ug/m3	J	Y	3/18/2026	11:35	4/1/2026	11:16

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-16-S-20260318	16	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:35	4/1/2026	11:16
IRVSEA-16-S-20260318	16	m-/p-Xylenes	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:35	4/1/2026	11:16
IRVSEA-16-S-20260318	16	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:35	4/1/2026	11:16
IRVSEA-16-S-20260318	16	Toluene	Sample	0.385	ug/m3	0.249	ug/m3	J	Y	3/18/2026	11:35	4/1/2026	11:16
IRVSEA-17-S-20260318	17	Benzene	Sample	0.434	ug/m3	0.193	ug/m3	J	Y	3/18/2026	11:38	4/1/2026	11:19
IRVSEA-17-S-20260318	17	Ethylbenzene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:38	4/1/2026	11:19
IRVSEA-17-S-20260318	17	m-/p-Xylenes	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:38	4/1/2026	11:19
IRVSEA-17-S-20260318	17	o-Xylene	Sample	<0.282	ug/m3	0.282	ug/m3	ND	N	3/18/2026	11:38	4/1/2026	11:19
IRVSEA-17-S-20260318	17	Toluene	Sample	0.512	ug/m3	0.249	ug/m3	J	Y	3/18/2026	11:38	4/1/2026	11:19
IRVSEA-1-S-20260401	1	Benzene	Sample	0.453	ug/m3	0.191	ug/m3	J	Y	4/1/2026	10:16	4/15/2026	11:00
IRVSEA-1-S-20260401	1	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/1/2026	10:16	4/15/2026	11:00
IRVSEA-1-S-20260401	1	m-/p-Xylenes	Sample	0.292	ug/m3	0.279	ug/m3	J	Y	4/1/2026	10:16	4/15/2026	11:00
IRVSEA-1-S-20260401	1	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/1/2026	10:16	4/15/2026	11:00
IRVSEA-1-S-20260401	1	Toluene	Sample	0.758	ug/m3	0.246	ug/m3		Y	4/1/2026	10:16	4/15/2026	11:00
IRVSEA-2-S-20260401	2	Benzene	Sample	0.478	ug/m3	0.191	ug/m3		Y	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-S-20260401	2	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-S-20260401	2	m-/p-Xylenes	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-S-20260401	2	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-S-20260401	2	Toluene	Sample	0.687	ug/m3	0.246	ug/m3		Y	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-D-20260401	2	Benzene	Duplicate	0.406	ug/m3	0.191	ug/m3	J	Y	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-D-20260401	2	Ethylbenzene	Duplicate	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-D-20260401	2	m-/p-Xylenes	Duplicate	0.368	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-D-20260401	2	o-Xylene	Duplicate	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-D-20260401	2	Toluene	Duplicate	0.691	ug/m3	0.246	ug/m3		Y	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-B-20260401	2	Benzene	Blank	<0.191	ug/m3	0.191	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-B-20260401	2	Ethylbenzene	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-B-20260401	2	m-/p-Xylenes	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-B-20260401	2	o-Xylene	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-2-B-20260401	2	Toluene	Blank	<0.246	ug/m3	0.246	ug/m3	ND	N	4/1/2026	10:20	4/15/2026	12:05
IRVSEA-3-S-20260401	3	Benzene	Sample	0.525	ug/m3	0.191	ug/m3		Y	4/1/2026	10:23	4/15/2026	12:00
IRVSEA-3-S-20260401	3	Ethylbenzene	Sample	0.31	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:23	4/15/2026	12:00
IRVSEA-3-S-20260401	3	m-/p-Xylenes	Sample	0.781	ug/m3	0.278	ug/m3		Y	4/1/2026	10:23	4/15/2026	12:00

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-3-S-20260401	3	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:23	4/15/2026	12:00
IRVSEA-3-S-20260401	3	Toluene	Sample	1.1	ug/m3	0.246	ug/m3		Y	4/1/2026	10:23	4/15/2026	12:00
IRVSEA-4-S-20260401	4	Benzene	Sample	0.521	ug/m3	0.191	ug/m3		Y	4/1/2026	10:26	4/15/2026	11:55
IRVSEA-4-S-20260401	4	Ethylbenzene	Sample	0.286	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:26	4/15/2026	11:55
IRVSEA-4-S-20260401	4	m-/p-Xylenes	Sample	0.905	ug/m3	0.278	ug/m3		Y	4/1/2026	10:26	4/15/2026	11:55
IRVSEA-4-S-20260401	4	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:26	4/15/2026	11:55
IRVSEA-4-S-20260401	4	Toluene	Sample	1.17	ug/m3	0.246	ug/m3		Y	4/1/2026	10:26	4/15/2026	11:55
IRVSEA-5-S-20260401	5	Benzene	Sample	0.519	ug/m3	0.191	ug/m3		Y	4/1/2026	10:29	4/15/2026	11:50
IRVSEA-5-S-20260401	5	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:29	4/15/2026	11:50
IRVSEA-5-S-20260401	5	m-/p-Xylenes	Sample	0.41	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:29	4/15/2026	11:50
IRVSEA-5-S-20260401	5	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:29	4/15/2026	11:50
IRVSEA-5-S-20260401	5	Toluene	Sample	1.08	ug/m3	0.246	ug/m3		Y	4/1/2026	10:29	4/15/2026	11:50
IRVSEA-6-S-20260401	6	Benzene	Sample	0.528	ug/m3	0.191	ug/m3		Y	4/1/2026	10:32	4/15/2026	11:45
IRVSEA-6-S-20260401	6	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:32	4/15/2026	11:45
IRVSEA-6-S-20260401	6	m-/p-Xylenes	Sample	0.378	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:32	4/15/2026	11:45
IRVSEA-6-S-20260401	6	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:32	4/15/2026	11:45
IRVSEA-6-S-20260401	6	Toluene	Sample	1.09	ug/m3	0.246	ug/m3		Y	4/1/2026	10:32	4/15/2026	11:45
IRVSEA-7-S-20260401	7	Benzene	Sample	0.806	ug/m3	0.191	ug/m3		Y	4/1/2026	10:35	4/15/2026	11:40
IRVSEA-7-S-20260401	7	Ethylbenzene	Sample	0.431	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:35	4/15/2026	11:40
IRVSEA-7-S-20260401	7	m-/p-Xylenes	Sample	1.55	ug/m3	0.278	ug/m3		Y	4/1/2026	10:35	4/15/2026	11:40
IRVSEA-7-S-20260401	7	o-Xylene	Sample	0.627	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:35	4/15/2026	11:40
IRVSEA-7-S-20260401	7	Toluene	Sample	2.79	ug/m3	0.246	ug/m3		Y	4/1/2026	10:35	4/15/2026	11:40
IRVSEA-8-S-20260401	8	Benzene	Sample	1.02	ug/m3	0.191	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-S-20260401	8	Ethylbenzene	Sample	0.624	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-S-20260401	8	m-/p-Xylenes	Sample	2.03	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-S-20260401	8	o-Xylene	Sample	0.8	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-S-20260401	8	Toluene	Sample	3.89	ug/m3	0.246	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-D-20260401	8	Benzene	Duplicate	1.05	ug/m3	0.191	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-D-20260401	8	Ethylbenzene	Duplicate	0.675	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-D-20260401	8	m-/p-Xylenes	Duplicate	2.07	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-D-20260401	8	o-Xylene	Duplicate	0.826	ug/m3	0.278	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-D-20260401	8	Toluene	Duplicate	4	ug/m3	0.246	ug/m3		Y	4/1/2026	10:37	4/15/2026	11:30

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-B-20260401	8	Benzene	Blank	<0.191	ug/m3	0.191	ug/m3	ND	N	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-B-20260401	8	Ethylbenzene	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-B-20260401	8	m-/p-Xylenes	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-B-20260401	8	o-Xylene	Blank	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-8-B-20260401	8	Toluene	Blank	<0.246	ug/m3	0.246	ug/m3	ND	N	4/1/2026	10:37	4/15/2026	11:30
IRVSEA-9-S-20260401	9	Benzene	Sample	0.712	ug/m3	0.191	ug/m3		Y	4/1/2026	10:39	4/15/2026	11:30
IRVSEA-9-S-20260401	9	Ethylbenzene	Sample	0.442	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:39	4/15/2026	11:30
IRVSEA-9-S-20260401	9	m-/p-Xylenes	Sample	1.62	ug/m3	0.278	ug/m3		Y	4/1/2026	10:39	4/15/2026	11:30
IRVSEA-9-S-20260401	9	o-Xylene	Sample	0.646	ug/m3	0.278	ug/m3		Y	4/1/2026	10:39	4/15/2026	11:30
IRVSEA-9-S-20260401	9	Toluene	Sample	2.39	ug/m3	0.246	ug/m3		Y	4/1/2026	10:39	4/15/2026	11:30
IRVSEA-10-S-20260401	10	Benzene	Sample	0.921	ug/m3	0.191	ug/m3		Y	4/1/2026	10:41	4/15/2026	11:28
IRVSEA-10-S-20260401	10	Ethylbenzene	Sample	0.424	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:41	4/15/2026	11:28
IRVSEA-10-S-20260401	10	m-/p-Xylenes	Sample	1.69	ug/m3	0.278	ug/m3		Y	4/1/2026	10:41	4/15/2026	11:28
IRVSEA-10-S-20260401	10	Toluene	Sample	3.01	ug/m3	0.246	ug/m3		Y	4/1/2026	10:41	4/15/2026	11:28
IRVSEA-10-S-20260401	10	o-Xylene	Sample	0.652	ug/m3	0.278	ug/m3		Y	4/1/2026	10:41	4/15/2026	11:28
IRVSEA-11-S-20260401	11	Benzene	Sample	1.01	ug/m3	0.191	ug/m3		Y	4/1/2026	10:43	4/15/2026	11:25
IRVSEA-11-S-20260401	11	Ethylbenzene	Sample	0.542	ug/m3	0.279	ug/m3	J	Y	4/1/2026	10:43	4/15/2026	11:25
IRVSEA-11-S-20260401	11	m-/p-Xylenes	Sample	1.99	ug/m3	0.279	ug/m3		Y	4/1/2026	10:43	4/15/2026	11:25
IRVSEA-11-S-20260401	11	Toluene	Sample	3.57	ug/m3	0.246	ug/m3		Y	4/1/2026	10:43	4/15/2026	11:25
IRVSEA-11-S-20260401	11	o-Xylene	Sample	0.798	ug/m3	0.279	ug/m3		Y	4/1/2026	10:43	4/15/2026	11:25
IRVSEA-12-S-20260401	12	Benzene	Sample	0.917	ug/m3	0.191	ug/m3		Y	4/1/2026	10:05	4/15/2026	11:15
IRVSEA-12-S-20260401	12	Ethylbenzene	Sample	0.551	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:05	4/15/2026	11:15
IRVSEA-12-S-20260401	12	m-/p-Xylenes	Sample	1.98	ug/m3	0.278	ug/m3		Y	4/1/2026	10:05	4/15/2026	11:15
IRVSEA-12-S-20260401	12	Toluene	Sample	3.21	ug/m3	0.246	ug/m3		Y	4/1/2026	10:05	4/15/2026	11:15
IRVSEA-12-S-20260401	12	o-Xylene	Sample	0.792	ug/m3	0.278	ug/m3		Y	4/1/2026	10:05	4/15/2026	11:15
IRVSEA-13-S-20260401	13	Benzene	Sample	0.554	ug/m3	0.191	ug/m3		Y	4/1/2026	10:10	4/15/2026	11:10
IRVSEA-13-S-20260401	13	Ethylbenzene	Sample	0.283	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:10	4/15/2026	11:10
IRVSEA-13-S-20260401	13	m-/p-Xylenes	Sample	0.958	ug/m3	0.278	ug/m3		Y	4/1/2026	10:10	4/15/2026	11:10
IRVSEA-13-S-20260401	13	Toluene	Sample	1.65	ug/m3	0.246	ug/m3		Y	4/1/2026	10:10	4/15/2026	11:10
IRVSEA-13-S-20260401	13	o-Xylene	Sample	0.391	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:10	4/15/2026	11:10
IRVSEA-14-S-20260401	14	Benzene	Sample	0.472	ug/m3	0.191	ug/m3		Y	4/1/2026	10:11	4/15/2026	11:05
IRVSEA-14-S-20260401	14	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:11	4/15/2026	11:05

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-14-S-20260401	14	m-/p-Xylenes	Sample	0.542	ug/m3	0.278	ug/m3	J	Y	4/1/2026	10:11	4/15/2026	11:05
IRVSEA-14-S-20260401	14	Toluene	Sample	1.08	ug/m3	0.246	ug/m3		Y	4/1/2026	10:11	4/15/2026	11:05
IRVSEA-14-S-20260401	14	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	10:11	4/15/2026	11:05
IRVSEA-15-S-20260401	15	Benzene	Sample	0.401	ug/m3	0.191	ug/m3	J	Y	4/1/2026	11:13	4/15/2026	12:19
IRVSEA-15-S-20260401	15	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:13	4/15/2026	12:19
IRVSEA-15-S-20260401	15	m-/p-Xylenes	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:13	4/15/2026	12:19
IRVSEA-15-S-20260401	15	Toluene	Sample	0.436	ug/m3	0.246	ug/m3	J	Y	4/1/2026	11:13	4/15/2026	12:19
IRVSEA-15-S-20260401	15	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:13	4/15/2026	12:19
IRVSEA-16-S-20260401	16	Benzene	Sample	0.331	ug/m3	0.191	ug/m3	J	Y	4/1/2026	11:16	4/15/2026	12:23
IRVSEA-16-S-20260401	16	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:16	4/15/2026	12:23
IRVSEA-16-S-20260401	16	m-/p-Xylenes	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:16	4/15/2026	12:23
IRVSEA-16-S-20260401	16	Toluene	Sample	0.339	ug/m3	0.246	ug/m3	J	Y	4/1/2026	11:16	4/15/2026	12:23
IRVSEA-16-S-20260401	16	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:16	4/15/2026	12:23
IRVSEA-17-S-20260401	17	Benzene	Sample	0.334	ug/m3	0.191	ug/m3	J	Y	4/1/2026	11:19	4/15/2026	12:27
IRVSEA-17-S-20260401	17	Ethylbenzene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:19	4/15/2026	12:27
IRVSEA-17-S-20260401	17	m-/p-Xylenes	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:19	4/15/2026	12:27
IRVSEA-17-S-20260401	17	Toluene	Sample	0.42	ug/m3	0.246	ug/m3	J	Y	4/1/2026	11:19	4/15/2026	12:27
IRVSEA-17-S-20260401	17	o-Xylene	Sample	<0.278	ug/m3	0.278	ug/m3	ND	N	4/1/2026	11:19	4/15/2026	12:27
IRVSEA-1-S-20260415	1	Benzene	Sample	0.534	ug/m3	0.191	ug/m3		Y	4/15/2026	11:00	4/29/2026	10:08
IRVSEA-1-S-20260415	1	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:00	4/29/2026	10:08
IRVSEA-1-S-20260415	1	m-/p-Xylenes	Sample	0.59	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:00	4/29/2026	10:08
IRVSEA-1-S-20260415	1	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:00	4/29/2026	10:08
IRVSEA-1-S-20260415	1	Toluene	Sample	1.52	ug/m3	0.247	ug/m3		Y	4/15/2026	11:00	4/29/2026	10:08
IRVSEA-2-S-20260415	2	Benzene	Sample	0.511	ug/m3	0.192	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-S-20260415	2	Ethylbenzene	Sample	0.291	ug/m3	0.28	ug/m3	J	Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-S-20260415	2	m-/p-Xylenes	Sample	0.744	ug/m3	0.28	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-S-20260415	2	o-Xylene	Sample	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-S-20260415	2	Toluene	Sample	1.43	ug/m3	0.247	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-D-20260415	2	Benzene	Duplicate	0.538	ug/m3	0.192	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-D-20260415	2	Ethylbenzene	Duplicate	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-D-20260415	2	m-/p-Xylenes	Duplicate	0.847	ug/m3	0.28	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-D-20260415	2	o-Xylene	Duplicate	0.319	ug/m3	0.28	ug/m3	J	Y	4/15/2026	12:05	4/29/2026	10:12

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-D-20260415	2	Toluene	Duplicate	1.62	ug/m3	0.247	ug/m3		Y	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-B-20260415	2	Benzene	Blank	<0.192	ug/m3	0.192	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-B-20260415	2	Ethylbenzene	Blank	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-B-20260415	2	m-/p-Xylenes	Blank	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-B-20260415	2	o-Xylene	Blank	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-2-B-20260415	2	Toluene	Blank	<0.247	ug/m3	0.247	ug/m3	ND	N	4/15/2026	12:05	4/29/2026	10:12
IRVSEA-3-S-20260415	3	Benzene	Sample	0.472	ug/m3	0.192	ug/m3		Y	4/15/2026	12:00	4/29/2026	10:15
IRVSEA-3-S-20260415	3	Ethylbenzene	Sample	0.322	ug/m3	0.28	ug/m3	J	Y	4/15/2026	12:00	4/29/2026	10:15
IRVSEA-3-S-20260415	3	m-/p-Xylenes	Sample	0.886	ug/m3	0.28	ug/m3		Y	4/15/2026	12:00	4/29/2026	10:15
IRVSEA-3-S-20260415	3	o-Xylene	Sample	<0.28	ug/m3	0.28	ug/m3	ND	N	4/15/2026	12:00	4/29/2026	10:15
IRVSEA-3-S-20260415	3	Toluene	Sample	1.44	ug/m3	0.247	ug/m3		Y	4/15/2026	12:00	4/29/2026	10:15
IRVSEA-4-S-20260415	4	Benzene	Sample	0.51	ug/m3	0.192	ug/m3		Y	4/15/2026	11:55	4/29/2026	10:18
IRVSEA-4-S-20260415	4	Ethylbenzene	Sample	0.394	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:55	4/29/2026	10:18
IRVSEA-4-S-20260415	4	m-/p-Xylenes	Sample	1.03	ug/m3	0.279	ug/m3		Y	4/15/2026	11:55	4/29/2026	10:18
IRVSEA-4-S-20260415	4	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:55	4/29/2026	10:18
IRVSEA-4-S-20260415	4	Toluene	Sample	1.55	ug/m3	0.247	ug/m3		Y	4/15/2026	11:55	4/29/2026	10:18
IRVSEA-5-S-20260415	5	Benzene	Sample	0.508	ug/m3	0.192	ug/m3		Y	4/15/2026	11:50	4/29/2026	10:20
IRVSEA-5-S-20260415	5	Ethylbenzene	Sample	0.308	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:50	4/29/2026	10:20
IRVSEA-5-S-20260415	5	m-/p-Xylenes	Sample	0.769	ug/m3	0.279	ug/m3		Y	4/15/2026	11:50	4/29/2026	10:20
IRVSEA-5-S-20260415	5	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:50	4/29/2026	10:20
IRVSEA-5-S-20260415	5	Toluene	Sample	1.69	ug/m3	0.247	ug/m3		Y	4/15/2026	11:50	4/29/2026	10:20
IRVSEA-6-S-20260415	6	Benzene	Sample	0.837	ug/m3	0.192	ug/m3		Y	4/15/2026	11:45	4/29/2026	10:22
IRVSEA-6-S-20260415	6	Ethylbenzene	Sample	0.681	ug/m3	0.279	ug/m3		Y	4/15/2026	11:45	4/29/2026	10:22
IRVSEA-6-S-20260415	6	m-/p-Xylenes	Sample	2	ug/m3	0.279	ug/m3		Y	4/15/2026	11:45	4/29/2026	10:22
IRVSEA-6-S-20260415	6	o-Xylene	Sample	0.712	ug/m3	0.279	ug/m3		Y	4/15/2026	11:45	4/29/2026	10:22
IRVSEA-6-S-20260415	6	Toluene	Sample	3.69	ug/m3	0.247	ug/m3		Y	4/15/2026	11:45	4/29/2026	10:22
IRVSEA-7-S-20260415	7	Benzene	Sample	1.21	ug/m3	0.192	ug/m3		Y	4/15/2026	11:40	4/29/2026	10:24
IRVSEA-7-S-20260415	7	Ethylbenzene	Sample	1.14	ug/m3	0.279	ug/m3		Y	4/15/2026	11:40	4/29/2026	10:24
IRVSEA-7-S-20260415	7	m-/p-Xylenes	Sample	4	ug/m3	0.279	ug/m3		Y	4/15/2026	11:40	4/29/2026	10:24
IRVSEA-7-S-20260415	7	o-Xylene	Sample	1.43	ug/m3	0.279	ug/m3		Y	4/15/2026	11:40	4/29/2026	10:24
IRVSEA-7-S-20260415	7	Toluene	Sample	5.97	ug/m3	0.247	ug/m3		Y	4/15/2026	11:40	4/29/2026	10:24
IRVSEA-8-S-20260415	8	Benzene	Sample	1.53	ug/m3	0.192	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-S-20260415	8	Ethylbenzene	Sample	1.47	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-S-20260415	8	m-/p-Xylenes	Sample	4.86	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-S-20260415	8	o-Xylene	Sample	1.78	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-S-20260415	8	Toluene	Sample	7.91	ug/m3	0.247	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-D-20260415	8	Benzene	Duplicate	1.53	ug/m3	0.192	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-D-20260415	8	Ethylbenzene	Duplicate	1.53	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-D-20260415	8	m-/p-Xylenes	Duplicate	5.1	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-D-20260415	8	o-Xylene	Duplicate	1.9	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-D-20260415	8	Toluene	Duplicate	8.14	ug/m3	0.247	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-B-20260415	8	Benzene	Blank	<0.192	ug/m3	0.192	ug/m3	ND	N	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-B-20260415	8	Ethylbenzene	Blank	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-B-20260415	8	m-/p-Xylenes	Blank	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-B-20260415	8	o-Xylene	Blank	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-8-B-20260415	8	Toluene	Blank	<0.247	ug/m3	0.247	ug/m3	ND	N	4/15/2026	11:30	4/29/2026	10:26
IRVSEA-9-S-20260415	9	Benzene	Sample	0.972	ug/m3	0.191	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:29
IRVSEA-9-S-20260415	9	Ethylbenzene	Sample	0.705	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:29
IRVSEA-9-S-20260415	9	m-/p-Xylenes	Sample	2.6	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:29
IRVSEA-9-S-20260415	9	o-Xylene	Sample	0.957	ug/m3	0.279	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:29
IRVSEA-9-S-20260415	9	Toluene	Sample	3.91	ug/m3	0.247	ug/m3		Y	4/15/2026	11:30	4/29/2026	10:29
IRVSEA-10-S-20260415	10	Benzene	Sample	1.22	ug/m3	0.191	ug/m3		Y	4/15/2026	11:28	4/29/2026	10:32
IRVSEA-10-S-20260415	10	Ethylbenzene	Sample	1.31	ug/m3	0.279	ug/m3		Y	4/15/2026	11:28	4/29/2026	10:32
IRVSEA-10-S-20260415	10	m-/p-Xylenes	Sample	4.81	ug/m3	0.279	ug/m3		Y	4/15/2026	11:28	4/29/2026	10:32
IRVSEA-10-S-20260415	10	o-Xylene	Sample	1.76	ug/m3	0.279	ug/m3		Y	4/15/2026	11:28	4/29/2026	10:32
IRVSEA-10-S-20260415	10	Toluene	Sample	6.08	ug/m3	0.247	ug/m3		Y	4/15/2026	11:28	4/29/2026	10:32
IRVSEA-11-S-20260415	11	Benzene	Sample	1.22	ug/m3	0.191	ug/m3		Y	4/15/2026	11:25	4/29/2026	10:34
IRVSEA-11-S-20260415	11	Ethylbenzene	Sample	1.03	ug/m3	0.279	ug/m3		Y	4/15/2026	11:25	4/29/2026	10:34
IRVSEA-11-S-20260415	11	m-/p-Xylenes	Sample	3.19	ug/m3	0.279	ug/m3		Y	4/15/2026	11:25	4/29/2026	10:34
IRVSEA-11-S-20260415	11	o-Xylene	Sample	1.18	ug/m3	0.279	ug/m3		Y	4/15/2026	11:25	4/29/2026	10:34
IRVSEA-11-S-20260415	11	Toluene	Sample	5.44	ug/m3	0.247	ug/m3		Y	4/15/2026	11:25	4/29/2026	10:34
IRVSEA-12-S-20260415	12	Benzene	Sample	1	ug/m3	0.192	ug/m3		Y	4/15/2026	11:15	4/29/2026	09:59
IRVSEA-12-S-20260415	12	Ethylbenzene	Sample	0.876	ug/m3	0.279	ug/m3		Y	4/15/2026	11:15	4/29/2026	09:59
IRVSEA-12-S-20260415	12	m-/p-Xylenes	Sample	3	ug/m3	0.279	ug/m3		Y	4/15/2026	11:15	4/29/2026	09:59

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-12-S-20260415	12	o-Xylene	Sample	1.07	ug/m3	0.279	ug/m3		Y	4/15/2026	11:15	4/29/2026	09:59
IRVSEA-12-S-20260415	12	Toluene	Sample	4.84	ug/m3	0.247	ug/m3		Y	4/15/2026	11:15	4/29/2026	09:59
IRVSEA-13-S-20260415	13	Benzene	Sample	0.659	ug/m3	0.192	ug/m3		Y	4/15/2026	11:10	4/29/2026	10:02
IRVSEA-13-S-20260415	13	Ethylbenzene	Sample	0.478	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:10	4/29/2026	10:02
IRVSEA-13-S-20260415	13	m-/p-Xylenes	Sample	1.25	ug/m3	0.279	ug/m3		Y	4/15/2026	11:10	4/29/2026	10:02
IRVSEA-13-S-20260415	13	o-Xylene	Sample	0.453	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:10	4/29/2026	10:02
IRVSEA-13-S-20260415	13	Toluene	Sample	2.51	ug/m3	0.247	ug/m3		Y	4/15/2026	11:10	4/29/2026	10:02
IRVSEA-14-S-20260415	14	Benzene	Sample	0.443	ug/m3	0.191	ug/m3	J	Y	4/15/2026	11:05	4/29/2026	10:05
IRVSEA-14-S-20260415	14	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:05	4/29/2026	10:05
IRVSEA-14-S-20260415	14	m-/p-Xylenes	Sample	0.67	ug/m3	0.279	ug/m3	J	Y	4/15/2026	11:05	4/29/2026	10:05
IRVSEA-14-S-20260415	14	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	11:05	4/29/2026	10:05
IRVSEA-14-S-20260415	14	Toluene	Sample	1.42	ug/m3	0.247	ug/m3		Y	4/15/2026	11:05	4/29/2026	10:05
IRVSEA-15-S-20260415	15	Benzene	Sample	0.322	ug/m3	0.192	ug/m3	J	Y	4/15/2026	12:19	4/29/2026	11:00
IRVSEA-15-S-20260415	15	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:19	4/29/2026	11:00
IRVSEA-15-S-20260415	15	m-/p-Xylenes	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:19	4/29/2026	11:00
IRVSEA-15-S-20260415	15	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:19	4/29/2026	11:00
IRVSEA-15-S-20260415	15	Toluene	Sample	0.47	ug/m3	0.247	ug/m3	J	Y	4/15/2026	12:19	4/29/2026	11:00
IRVSEA-16-S-20260415	16	Benzene	Sample	0.296	ug/m3	0.192	ug/m3	J	Y	4/15/2026	12:23	4/29/2026	11:02
IRVSEA-16-S-20260415	16	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:23	4/29/2026	11:02
IRVSEA-16-S-20260415	16	m-/p-Xylenes	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:23	4/29/2026	11:02
IRVSEA-16-S-20260415	16	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:23	4/29/2026	11:02
IRVSEA-16-S-20260415	16	Toluene	Sample	0.449	ug/m3	0.247	ug/m3	J	Y	4/15/2026	12:23	4/29/2026	11:02
IRVSEA-17-S-20260415	17	Benzene	Sample	0.318	ug/m3	0.192	ug/m3	J	Y	4/15/2026	12:27	4/29/2026	11:04
IRVSEA-17-S-20260415	17	Ethylbenzene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:27	4/29/2026	11:04
IRVSEA-17-S-20260415	17	m-/p-Xylenes	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:27	4/29/2026	11:04
IRVSEA-17-S-20260415	17	o-Xylene	Sample	<0.279	ug/m3	0.279	ug/m3	ND	N	4/15/2026	12:27	4/29/2026	11:04
IRVSEA-17-S-20260415	17	Toluene	Sample	0.491	ug/m3	0.247	ug/m3	J	Y	4/15/2026	12:27	4/29/2026	11:04
IRVSEA-1-S-20260429	1	Benzene	Sample	0.374	ug/m3	0.19	ug/m3	J	Y	4/29/2026	10:08	5/13/2026	10:32
IRVSEA-1-S-20260429	1	Ethylbenzene	Sample	<0.277	ug/m3	0.277	ug/m3	ND	N	4/29/2026	10:08	5/13/2026	10:32
IRVSEA-1-S-20260429	1	m-/p-Xylenes	Sample	0.366	ug/m3	0.277	ug/m3	J,Pc	Y	4/29/2026	10:08	5/13/2026	10:32
IRVSEA-1-S-20260429	1	o-Xylene	Sample	<0.277	ug/m3	0.277	ug/m3	ND	N	4/29/2026	10:08	5/13/2026	10:32
IRVSEA-1-S-20260429	1	Toluene	Sample	0.698	ug/m3	0.245	ug/m3		Y	4/29/2026	10:08	5/13/2026	10:32

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-S-20260429	2	Benzene	Sample	0.326	ug/m3	0.19	ug/m3	J	Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-S-20260429	2	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-S-20260429	2	m-/p-Xylenes	Sample	0.287	ug/m3	0.276	ug/m3	J,Pc	Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-S-20260429	2	o-Xylene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-S-20260429	2	Toluene	Sample	0.716	ug/m3	0.244	ug/m3		Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-D-20260429	2	Benzene	Duplicate	0.339	ug/m3	0.19	ug/m3	J	Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-D-20260429	2	Ethylbenzene	Duplicate	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-D-20260429	2	m-/p-Xylenes	Duplicate	0.437	ug/m3	0.276	ug/m3	J,Pc	Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-D-20260429	2	o-Xylene	Duplicate	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-D-20260429	2	Toluene	Duplicate	0.758	ug/m3	0.244	ug/m3		Y	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-B-20260429	2	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-B-20260429	2	Ethylbenzene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-B-20260429	2	m-/p-Xylenes	Blank	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-B-20260429	2	o-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-2-B-20260429	2	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	4/29/2026	10:12	5/13/2026	11:19
IRVSEA-3-S-20260429	3	Benzene	Sample	0.463	ug/m3	0.19	ug/m3		Y	4/29/2026	10:15	5/13/2026	11:14
IRVSEA-3-S-20260429	3	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:15	5/13/2026	11:14
IRVSEA-3-S-20260429	3	m-/p-Xylenes	Sample	0.58	ug/m3	0.276	ug/m3	J,Pc	Y	4/29/2026	10:15	5/13/2026	11:14
IRVSEA-3-S-20260429	3	o-Xylene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:15	5/13/2026	11:14
IRVSEA-3-S-20260429	3	Toluene	Sample	1.12	ug/m3	0.244	ug/m3		Y	4/29/2026	10:15	5/13/2026	11:14
IRVSEA-4-S-20260429	4	Benzene	Sample	0.524	ug/m3	0.19	ug/m3		Y	4/29/2026	10:18	5/13/2026	11:11
IRVSEA-4-S-20260429	4	Ethylbenzene	Sample	0.313	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:18	5/13/2026	11:11
IRVSEA-4-S-20260429	4	m-/p-Xylenes	Sample	0.935	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:18	5/13/2026	11:11
IRVSEA-4-S-20260429	4	o-Xylene	Sample	0.279	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:18	5/13/2026	11:11
IRVSEA-4-S-20260429	4	Toluene	Sample	1.52	ug/m3	0.244	ug/m3		Y	4/29/2026	10:18	5/13/2026	11:11
IRVSEA-5-S-20260429	5	Benzene	Sample	0.5	ug/m3	0.19	ug/m3		Y	4/29/2026	10:20	5/13/2026	11:08
IRVSEA-5-S-20260429	5	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:20	5/13/2026	11:08
IRVSEA-5-S-20260429	5	m-/p-Xylenes	Sample	0.694	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:20	5/13/2026	11:08
IRVSEA-5-S-20260429	5	o-Xylene	Sample	0.277	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:20	5/13/2026	11:08
IRVSEA-5-S-20260429	5	Toluene	Sample	1.56	ug/m3	0.244	ug/m3		Y	4/29/2026	10:20	5/13/2026	11:08
IRVSEA-6-S-20260429	6	Benzene	Sample	0.665	ug/m3	0.19	ug/m3		Y	4/29/2026	10:22	5/13/2026	11:05
IRVSEA-6-S-20260429	6	Ethylbenzene	Sample	0.315	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:22	5/13/2026	11:05

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-6-S-20260429	6	m-/p-Xylenes	Sample	0.885	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:22	5/13/2026	11:05
IRVSEA-6-S-20260429	6	o-Xylene	Sample	0.342	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:22	5/13/2026	11:05
IRVSEA-6-S-20260429	6	Toluene	Sample	2.12	ug/m3	0.244	ug/m3		Y	4/29/2026	10:22	5/13/2026	11:05
IRVSEA-7-S-20260429	7	Benzene	Sample	1.25	ug/m3	0.19	ug/m3		Y	4/29/2026	10:24	5/13/2026	11:02
IRVSEA-7-S-20260429	7	Ethylbenzene	Sample	0.837	ug/m3	0.276	ug/m3		Y	4/29/2026	10:24	5/13/2026	11:02
IRVSEA-7-S-20260429	7	m-/p-Xylenes	Sample	2.95	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:24	5/13/2026	11:02
IRVSEA-7-S-20260429	7	o-Xylene	Sample	1.15	ug/m3	0.276	ug/m3		Y	4/29/2026	10:24	5/13/2026	11:02
IRVSEA-7-S-20260429	7	Toluene	Sample	5.13	ug/m3	0.245	ug/m3		Y	4/29/2026	10:24	5/13/2026	11:02
IRVSEA-8-S-20260429	8	Benzene	Sample	1.5	ug/m3	0.19	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-S-20260429	8	Ethylbenzene	Sample	0.931	ug/m3	0.276	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-S-20260429	8	m-/p-Xylenes	Sample	2.89	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-S-20260429	8	o-Xylene	Sample	1.15	ug/m3	0.276	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-S-20260429	8	Toluene	Sample	6.14	ug/m3	0.245	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-D-20260429	8	Benzene	Duplicate	1.53	ug/m3	0.19	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-D-20260429	8	Ethylbenzene	Duplicate	1.12	ug/m3	0.276	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-D-20260429	8	m-/p-Xylenes	Duplicate	3.57	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-D-20260429	8	o-Xylene	Duplicate	1.39	ug/m3	0.276	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-D-20260429	8	Toluene	Duplicate	6.38	ug/m3	0.245	ug/m3		Y	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-B-20260429	8	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-B-20260429	8	Ethylbenzene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-B-20260429	8	m-/p-Xylenes	Blank	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-B-20260429	8	o-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-8-B-20260429	8	Toluene	Blank	<0.245	ug/m3	0.245	ug/m3	ND	N	4/29/2026	10:26	5/13/2026	11:00
IRVSEA-9-S-20260429	9	Benzene	Sample	0.596	ug/m3	0.19	ug/m3		Y	4/29/2026	10:29	5/13/2026	10:56
IRVSEA-9-S-20260429	9	Ethylbenzene	Sample	<0.277	ug/m3	0.277	ug/m3	ND	N	4/29/2026	10:29	5/13/2026	10:56
IRVSEA-9-S-20260429	9	m-/p-Xylenes	Sample	0.795	ug/m3	0.277	ug/m3	Pc	Y	4/29/2026	10:29	5/13/2026	10:56
IRVSEA-9-S-20260429	9	o-Xylene	Sample	0.314	ug/m3	0.277	ug/m3	J	Y	4/29/2026	10:29	5/13/2026	10:56
IRVSEA-9-S-20260429	9	Toluene	Sample	1.79	ug/m3	0.245	ug/m3		Y	4/29/2026	10:29	5/13/2026	10:56
IRVSEA-10-S-20260429	10	Benzene	Sample	0.693	ug/m3	0.19	ug/m3		Y	4/29/2026	10:32	5/13/2026	10:53
IRVSEA-10-S-20260429	10	Ethylbenzene	Sample	0.396	ug/m3	0.277	ug/m3	J	Y	4/29/2026	10:32	5/13/2026	10:53
IRVSEA-10-S-20260429	10	m-/p-Xylenes	Sample	1.17	ug/m3	0.277	ug/m3	Pc	Y	4/29/2026	10:32	5/13/2026	10:53
IRVSEA-10-S-20260429	10	o-Xylene	Sample	0.434	ug/m3	0.277	ug/m3	J	Y	4/29/2026	10:32	5/13/2026	10:53

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-10-S-20260429	10	Toluene	Sample	2.52	ug/m3	0.245	ug/m3		Y	4/29/2026	10:32	5/13/2026	10:53
IRVSEA-11-S-20260429	11	Benzene	Sample	1.26	ug/m3	0.19	ug/m3		Y	4/29/2026	10:34	5/13/2026	10:51
IRVSEA-11-S-20260429	11	Ethylbenzene	Sample	0.84	ug/m3	0.277	ug/m3		Y	4/29/2026	10:34	5/13/2026	10:51
IRVSEA-11-S-20260429	11	m-/p-Xylenes	Sample	2.59	ug/m3	0.277	ug/m3	Pc	Y	4/29/2026	10:34	5/13/2026	10:51
IRVSEA-11-S-20260429	11	o-Xylene	Sample	1.03	ug/m3	0.277	ug/m3		Y	4/29/2026	10:34	5/13/2026	10:51
IRVSEA-11-S-20260429	11	Toluene	Sample	5.09	ug/m3	0.245	ug/m3		Y	4/29/2026	10:34	5/13/2026	10:51
IRVSEA-12-S-20260429	12	Benzene	Sample	1.14	ug/m3	0.19	ug/m3		Y	4/29/2026	09:59	5/13/2026	10:46
IRVSEA-12-S-20260429	12	Ethylbenzene	Sample	0.744	ug/m3	0.276	ug/m3		Y	4/29/2026	09:59	5/13/2026	10:46
IRVSEA-12-S-20260429	12	m-/p-Xylenes	Sample	2.66	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	09:59	5/13/2026	10:46
IRVSEA-12-S-20260429	12	o-Xylene	Sample	1.03	ug/m3	0.276	ug/m3		Y	4/29/2026	09:59	5/13/2026	10:46
IRVSEA-12-S-20260429	12	Toluene	Sample	4.81	ug/m3	0.244	ug/m3		Y	4/29/2026	09:59	5/13/2026	10:46
IRVSEA-13-S-20260429	13	Benzene	Sample	0.649	ug/m3	0.19	ug/m3		Y	4/29/2026	10:02	5/13/2026	10:41
IRVSEA-13-S-20260429	13	Ethylbenzene	Sample	0.427	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:02	5/13/2026	10:41
IRVSEA-13-S-20260429	13	m-/p-Xylenes	Sample	1.17	ug/m3	0.276	ug/m3	Pc	Y	4/29/2026	10:02	5/13/2026	10:41
IRVSEA-13-S-20260429	13	o-Xylene	Sample	0.451	ug/m3	0.276	ug/m3	J	Y	4/29/2026	10:02	5/13/2026	10:41
IRVSEA-13-S-20260429	13	Toluene	Sample	2.38	ug/m3	0.245	ug/m3		Y	4/29/2026	10:02	5/13/2026	10:41
IRVSEA-14-S-20260429	14	Benzene	Sample	0.433	ug/m3	0.19	ug/m3	J	Y	4/29/2026	10:05	5/13/2026	10:38
IRVSEA-14-S-20260429	14	Ethylbenzene	Sample	<0.277	ug/m3	0.277	ug/m3	ND	N	4/29/2026	10:05	5/13/2026	10:38
IRVSEA-14-S-20260429	14	m-/p-Xylenes	Sample	0.583	ug/m3	0.277	ug/m3	J,Pc	Y	4/29/2026	10:05	5/13/2026	10:38
IRVSEA-14-S-20260429	14	o-Xylene	Sample	<0.277	ug/m3	0.277	ug/m3	ND	N	4/29/2026	10:05	5/13/2026	10:38
IRVSEA-14-S-20260429	14	Toluene	Sample	1.45	ug/m3	0.245	ug/m3		Y	4/29/2026	10:05	5/13/2026	10:38
IRVSEA-15-S-20260429	15	Benzene	Sample	0.213	ug/m3	0.19	ug/m3	J	Y	4/29/2026	11:00	5/13/2026	11:48
IRVSEA-15-S-20260429	15	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:00	5/13/2026	11:48
IRVSEA-15-S-20260429	15	m-/p-Xylenes	Sample	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	4/29/2026	11:00	5/13/2026	11:48
IRVSEA-15-S-20260429	15	o-Xylene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:00	5/13/2026	11:48
IRVSEA-15-S-20260429	15	Toluene	Sample	0.369	ug/m3	0.244	ug/m3	J	Y	4/29/2026	11:00	5/13/2026	11:48
IRVSEA-16-S-20260429	16	Benzene	Sample	0.292	ug/m3	0.19	ug/m3	J	Y	4/29/2026	11:02	5/13/2026	11:44
IRVSEA-16-S-20260429	16	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:02	5/13/2026	11:44
IRVSEA-16-S-20260429	16	m-/p-Xylenes	Sample	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	4/29/2026	11:02	5/13/2026	11:44
IRVSEA-16-S-20260429	16	o-Xylene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:02	5/13/2026	11:44
IRVSEA-16-S-20260429	16	Toluene	Sample	0.485	ug/m3	0.244	ug/m3	J	Y	4/29/2026	11:02	5/13/2026	11:44
IRVSEA-17-S-20260429	17	Benzene	Sample	0.34	ug/m3	0.19	ug/m3	J	Y	4/29/2026	11:04	5/13/2026	11:41

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-17-S-20260429	17	Ethylbenzene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:04	5/13/2026	11:41
IRVSEA-17-S-20260429	17	m-/p-Xylenes	Sample	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	4/29/2026	11:04	5/13/2026	11:41
IRVSEA-17-S-20260429	17	o-Xylene	Sample	<0.276	ug/m3	0.276	ug/m3	ND	N	4/29/2026	11:04	5/13/2026	11:41
IRVSEA-17-S-20260429	17	Toluene	Sample	0.4	ug/m3	0.245	ug/m3	J	Y	4/29/2026	11:04	5/13/2026	11:41
IRVSEA-1-S-20260513	1	Benzene	Sample	0.363	ug/m3	0.189	ug/m3	J	Y	5/13/2026	10:32	5/27/2026	09:53
IRVSEA-1-S-20260513	1	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	10:32	5/27/2026	09:53
IRVSEA-1-S-20260513	1	m-/p-Xylenes	Sample	0.388	ug/m3	0.275	ug/m3	J	Y	5/13/2026	10:32	5/27/2026	09:53
IRVSEA-1-S-20260513	1	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	10:32	5/27/2026	09:53
IRVSEA-1-S-20260513	1	Toluene	Sample	0.982	ug/m3	0.243	ug/m3		Y	5/13/2026	10:32	5/27/2026	09:53
IRVSEA-2-S-20260513	2	Benzene	Sample	0.473	ug/m3	0.189	ug/m3		Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-S-20260513	2	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-S-20260513	2	m-/p-Xylenes	Sample	0.422	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-S-20260513	2	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-S-20260513	2	Toluene	Sample	1.05	ug/m3	0.244	ug/m3		Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-D-20260513	2	Benzene	Duplicate	0.428	ug/m3	0.189	ug/m3	J	Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-D-20260513	2	Ethylbenzene	Duplicate	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-D-20260513	2	m-/p-Xylenes	Duplicate	0.495	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-D-20260513	2	o-Xylene	Duplicate	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-D-20260513	2	Toluene	Duplicate	1.17	ug/m3	0.244	ug/m3		Y	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-B-20260513	2	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-B-20260513	2	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-B-20260513	2	m-/p-Xylenes	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-B-20260513	2	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-2-B-20260513	2	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	5/13/2026	11:19	5/27/2026	09:56
IRVSEA-3-S-20260513	3	Benzene	Sample	0.466	ug/m3	0.189	ug/m3		Y	5/13/2026	11:14	5/27/2026	09:59
IRVSEA-3-S-20260513	3	Ethylbenzene	Sample	0.305	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:14	5/27/2026	09:59
IRVSEA-3-S-20260513	3	m-/p-Xylenes	Sample	0.715	ug/m3	0.275	ug/m3		Y	5/13/2026	11:14	5/27/2026	09:59
IRVSEA-3-S-20260513	3	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:14	5/27/2026	09:59
IRVSEA-3-S-20260513	3	Toluene	Sample	1.34	ug/m3	0.243	ug/m3		Y	5/13/2026	11:14	5/27/2026	09:59
IRVSEA-4-S-20260513	4	Benzene	Sample	0.368	ug/m3	0.189	ug/m3	J	Y	5/13/2026	11:11	5/27/2026	10:01
IRVSEA-4-S-20260513	4	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:11	5/27/2026	10:01
IRVSEA-4-S-20260513	4	m-/p-Xylenes	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:11	5/27/2026	10:01

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-4-S-20260513	4	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:11	5/27/2026	10:01
IRVSEA-4-S-20260513	4	Toluene	Sample	0.808	ug/m3	0.243	ug/m3		Y	5/13/2026	11:11	5/27/2026	10:01
IRVSEA-5-S-20260513	5	Benzene	Sample	0.462	ug/m3	0.189	ug/m3		Y	5/13/2026	11:08	5/27/2026	10:03
IRVSEA-5-S-20260513	5	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:08	5/27/2026	10:03
IRVSEA-5-S-20260513	5	m-/p-Xylenes	Sample	0.772	ug/m3	0.275	ug/m3		Y	5/13/2026	11:08	5/27/2026	10:03
IRVSEA-5-S-20260513	5	o-Xylene	Sample	0.292	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:08	5/27/2026	10:03
IRVSEA-5-S-20260513	5	Toluene	Sample	1.42	ug/m3	0.243	ug/m3		Y	5/13/2026	11:08	5/27/2026	10:03
IRVSEA-6-S-20260513	6	Benzene	Sample	0.535	ug/m3	0.189	ug/m3		Y	5/13/2026	11:05	5/27/2026	10:06
IRVSEA-6-S-20260513	6	Ethylbenzene	Sample	0.315	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:05	5/27/2026	10:06
IRVSEA-6-S-20260513	6	m-/p-Xylenes	Sample	0.92	ug/m3	0.275	ug/m3		Y	5/13/2026	11:05	5/27/2026	10:06
IRVSEA-6-S-20260513	6	o-Xylene	Sample	0.338	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:05	5/27/2026	10:06
IRVSEA-6-S-20260513	6	Toluene	Sample	1.92	ug/m3	0.243	ug/m3		Y	5/13/2026	11:05	5/27/2026	10:06
IRVSEA-7-S-20260513	7	Benzene	Sample	1.11	ug/m3	0.189	ug/m3		Y	5/13/2026	11:02	5/27/2026	10:09
IRVSEA-7-S-20260513	7	Ethylbenzene	Sample	0.777	ug/m3	0.275	ug/m3		Y	5/13/2026	11:02	5/27/2026	10:09
IRVSEA-7-S-20260513	7	m-/p-Xylenes	Sample	2.34	ug/m3	0.275	ug/m3		Y	5/13/2026	11:02	5/27/2026	10:09
IRVSEA-7-S-20260513	7	o-Xylene	Sample	0.891	ug/m3	0.275	ug/m3		Y	5/13/2026	11:02	5/27/2026	10:09
IRVSEA-7-S-20260513	7	Toluene	Sample	4.59	ug/m3	0.243	ug/m3		Y	5/13/2026	11:02	5/27/2026	10:09
IRVSEA-8-S-20260513	8	Benzene	Sample	1.97	ug/m3	0.189	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-S-20260513	8	Ethylbenzene	Sample	1.22	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-S-20260513	8	m-/p-Xylenes	Sample	4.36	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-S-20260513	8	o-Xylene	Sample	1.7	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-S-20260513	8	Toluene	Sample	8.27	ug/m3	0.243	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-D-20260513	8	Benzene	Duplicate	1.99	ug/m3	0.189	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-D-20260513	8	Ethylbenzene	Duplicate	1.35	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-D-20260513	8	m-/p-Xylenes	Duplicate	4.42	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-D-20260513	8	o-Xylene	Duplicate	1.66	ug/m3	0.275	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-D-20260513	8	Toluene	Duplicate	8.55	ug/m3	0.243	ug/m3		Y	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-B-20260513	8	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-B-20260513	8	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-B-20260513	8	m-/p-Xylenes	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-B-20260513	8	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:00	5/27/2026	10:12
IRVSEA-8-B-20260513	8	Toluene	Blank	<0.243	ug/m3	0.243	ug/m3	ND	N	5/13/2026	11:00	5/27/2026	10:12

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-9-S-20260513	9	Benzene	Sample	0.948	ug/m3	0.189	ug/m3		Y	5/13/2026	10:56	5/27/2026	10:15
IRVSEA-9-S-20260513	9	Ethylbenzene	Sample	0.622	ug/m3	0.275	ug/m3		Y	5/13/2026	10:56	5/27/2026	10:15
IRVSEA-9-S-20260513	9	m-/p-Xylenes	Sample	1.89	ug/m3	0.275	ug/m3		Y	5/13/2026	10:56	5/27/2026	10:15
IRVSEA-9-S-20260513	9	o-Xylene	Sample	0.719	ug/m3	0.275	ug/m3		Y	5/13/2026	10:56	5/27/2026	10:15
IRVSEA-9-S-20260513	9	Toluene	Sample	3.78	ug/m3	0.243	ug/m3		Y	5/13/2026	10:56	5/27/2026	10:15
IRVSEA-10-S-20260513	10	Benzene	Sample	1.53	ug/m3	0.189	ug/m3		Y	5/13/2026	10:53	5/27/2026	10:18
IRVSEA-10-S-20260513	10	Ethylbenzene	Sample	1.05	ug/m3	0.275	ug/m3		Y	5/13/2026	10:53	5/27/2026	10:18
IRVSEA-10-S-20260513	10	m-/p-Xylenes	Sample	3.34	ug/m3	0.275	ug/m3		Y	5/13/2026	10:53	5/27/2026	10:18
IRVSEA-10-S-20260513	10	o-Xylene	Sample	1.27	ug/m3	0.275	ug/m3		Y	5/13/2026	10:53	5/27/2026	10:18
IRVSEA-10-S-20260513	10	Toluene	Sample	6.48	ug/m3	0.243	ug/m3		Y	5/13/2026	10:53	5/27/2026	10:18
IRVSEA-11-S-20260513	11	Benzene	Sample	1.6	ug/m3	0.189	ug/m3		Y	5/13/2026	10:51	5/27/2026	10:20
IRVSEA-11-S-20260513	11	Ethylbenzene	Sample	1.06	ug/m3	0.275	ug/m3		Y	5/13/2026	10:51	5/27/2026	10:20
IRVSEA-11-S-20260513	11	m-/p-Xylenes	Sample	3.3	ug/m3	0.275	ug/m3		Y	5/13/2026	10:51	5/27/2026	10:20
IRVSEA-11-S-20260513	11	o-Xylene	Sample	1.3	ug/m3	0.275	ug/m3		Y	5/13/2026	10:51	5/27/2026	10:20
IRVSEA-11-S-20260513	11	Toluene	Sample	6.59	ug/m3	0.243	ug/m3		Y	5/13/2026	10:51	5/27/2026	10:20
IRVSEA-12-S-20260513	12	Benzene	Sample	1.18	ug/m3	0.189	ug/m3		Y	5/13/2026	10:46	5/27/2026	09:42
IRVSEA-12-S-20260513	12	Ethylbenzene	Sample	0.762	ug/m3	0.275	ug/m3		Y	5/13/2026	10:46	5/27/2026	09:42
IRVSEA-12-S-20260513	12	m-/p-Xylenes	Sample	2.26	ug/m3	0.275	ug/m3		Y	5/13/2026	10:46	5/27/2026	09:42
IRVSEA-12-S-20260513	12	o-Xylene	Sample	0.859	ug/m3	0.275	ug/m3		Y	5/13/2026	10:46	5/27/2026	09:42
IRVSEA-12-S-20260513	12	Toluene	Sample	4.77	ug/m3	0.243	ug/m3		Y	5/13/2026	10:46	5/27/2026	09:42
IRVSEA-13-S-20260513	13	Benzene	Sample	0.666	ug/m3	0.189	ug/m3		Y	5/13/2026	10:41	5/27/2026	09:46
IRVSEA-13-S-20260513	13	Ethylbenzene	Sample	0.401	ug/m3	0.275	ug/m3	J	Y	5/13/2026	10:41	5/27/2026	09:46
IRVSEA-13-S-20260513	13	m-/p-Xylenes	Sample	1.35	ug/m3	0.275	ug/m3		Y	5/13/2026	10:41	5/27/2026	09:46
IRVSEA-13-S-20260513	13	o-Xylene	Sample	0.536	ug/m3	0.275	ug/m3	J	Y	5/13/2026	10:41	5/27/2026	09:46
IRVSEA-13-S-20260513	13	Toluene	Sample	2.5	ug/m3	0.243	ug/m3		Y	5/13/2026	10:41	5/27/2026	09:46
IRVSEA-14-S-20260513	14	Benzene	Sample	0.495	ug/m3	0.189	ug/m3		Y	5/13/2026	10:38	5/27/2026	09:50
IRVSEA-14-S-20260513	14	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	10:38	5/27/2026	09:50
IRVSEA-14-S-20260513	14	m-/p-Xylenes	Sample	0.616	ug/m3	0.275	ug/m3	J	Y	5/13/2026	10:38	5/27/2026	09:50
IRVSEA-14-S-20260513	14	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	10:38	5/27/2026	09:50
IRVSEA-14-S-20260513	14	Toluene	Sample	1.55	ug/m3	0.243	ug/m3		Y	5/13/2026	10:38	5/27/2026	09:50
IRVSEA-15-S-20260513	15	Benzene	Sample	0.296	ug/m3	0.189	ug/m3	J	Y	5/13/2026	11:48	5/27/2026	10:39
IRVSEA-15-S-20260513	15	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:48	5/27/2026	10:39

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-15-S-20260513	15	m-/p-Xylenes	Sample	0.303	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:48	5/27/2026	10:39
IRVSEA-15-S-20260513	15	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:48	5/27/2026	10:39
IRVSEA-15-S-20260513	15	Toluene	Sample	0.63	ug/m3	0.243	ug/m3		Y	5/13/2026	11:48	5/27/2026	10:39
IRVSEA-16-S-20260513	16	Benzene	Sample	0.286	ug/m3	0.189	ug/m3	J	Y	5/13/2026	11:44	5/27/2026	10:41
IRVSEA-16-S-20260513	16	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:44	5/27/2026	10:41
IRVSEA-16-S-20260513	16	m-/p-Xylenes	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:44	5/27/2026	10:41
IRVSEA-16-S-20260513	16	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:44	5/27/2026	10:41
IRVSEA-16-S-20260513	16	Toluene	Sample	0.576	ug/m3	0.243	ug/m3		Y	5/13/2026	11:44	5/27/2026	10:41
IRVSEA-17-S-20260513	17	Benzene	Sample	0.3	ug/m3	0.189	ug/m3	J	Y	5/13/2026	11:41	5/27/2026	10:44
IRVSEA-17-S-20260513	17	Ethylbenzene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:41	5/27/2026	10:44
IRVSEA-17-S-20260513	17	m-/p-Xylenes	Sample	0.29	ug/m3	0.275	ug/m3	J	Y	5/13/2026	11:41	5/27/2026	10:44
IRVSEA-17-S-20260513	17	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	5/13/2026	11:41	5/27/2026	10:44
IRVSEA-17-S-20260513	17	Toluene	Sample	0.778	ug/m3	0.243	ug/m3		Y	5/13/2026	11:41	5/27/2026	10:44
IRVSEA-1-S-20260527	1	Benzene	Sample	0.443	ug/m3	0.188	ug/m3	J	Y	5/27/2026	09:53	6/10/2026	10:29
IRVSEA-1-S-20260527	1	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:53	6/10/2026	10:29
IRVSEA-1-S-20260527	1	m-/p-Xylenes	Sample	0.367	ug/m3	0.274	ug/m3	J,Pc	Y	5/27/2026	09:53	6/10/2026	10:29
IRVSEA-1-S-20260527	1	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:53	6/10/2026	10:29
IRVSEA-1-S-20260527	1	Toluene	Sample	1.29	ug/m3	0.242	ug/m3		Y	5/27/2026	09:53	6/10/2026	10:29
IRVSEA-2-S-20260527	2	Benzene	Sample	0.56	ug/m3	0.188	ug/m3		Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-S-20260527	2	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-S-20260527	2	m-/p-Xylenes	Sample	0.678	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-S-20260527	2	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-S-20260527	2	Toluene	Sample	1.51	ug/m3	0.242	ug/m3		Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-D-20260527	2	Benzene	Duplicate	0.564	ug/m3	0.188	ug/m3		Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-D-20260527	2	Ethylbenzene	Duplicate	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-D-20260527	2	m-/p-Xylenes	Duplicate	0.411	ug/m3	0.274	ug/m3	J,Pc	Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-D-20260527	2	o-Xylene	Duplicate	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-D-20260527	2	Toluene	Duplicate	1.41	ug/m3	0.242	ug/m3		Y	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-B-20260527	2	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-B-20260527	2	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-B-20260527	2	m-/p-Xylenes	Blank	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-2-B-20260527	2	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-B-20260527	2	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	5/27/2026	09:56	6/10/2026	10:32
IRVSEA-3-S-20260527	3	Benzene	Sample	0.492	ug/m3	0.188	ug/m3		Y	5/27/2026	09:59	6/10/2026	10:35
IRVSEA-3-S-20260527	3	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:59	6/10/2026	10:35
IRVSEA-3-S-20260527	3	m-/p-Xylenes	Sample	0.863	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	09:59	6/10/2026	10:35
IRVSEA-3-S-20260527	3	o-Xylene	Sample	0.289	ug/m3	0.274	ug/m3	J	Y	5/27/2026	09:59	6/10/2026	10:35
IRVSEA-3-S-20260527	3	Toluene	Sample	1.51	ug/m3	0.242	ug/m3		Y	5/27/2026	09:59	6/10/2026	10:35
IRVSEA-4-S-20260527	4	Benzene	Sample	0.417	ug/m3	0.188	ug/m3	J	Y	5/27/2026	10:01	6/10/2026	10:37
IRVSEA-4-S-20260527	4	Ethylbenzene	Sample	0.579	ug/m3	0.274	ug/m3	J	Y	5/27/2026	10:01	6/10/2026	10:37
IRVSEA-4-S-20260527	4	m-/p-Xylenes	Sample	1.47	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:01	6/10/2026	10:37
IRVSEA-4-S-20260527	4	o-Xylene	Sample	0.288	ug/m3	0.274	ug/m3	J	Y	5/27/2026	10:01	6/10/2026	10:37
IRVSEA-4-S-20260527	4	Toluene	Sample	1.44	ug/m3	0.242	ug/m3		Y	5/27/2026	10:01	6/10/2026	10:37
IRVSEA-5-S-20260527	5	Benzene	Sample	0.393	ug/m3	0.188	ug/m3	J	Y	5/27/2026	10:03	6/10/2026	10:40
IRVSEA-5-S-20260527	5	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:03	6/10/2026	10:40
IRVSEA-5-S-20260527	5	m-/p-Xylenes	Sample	0.509	ug/m3	0.274	ug/m3	J,Pc	Y	5/27/2026	10:03	6/10/2026	10:40
IRVSEA-5-S-20260527	5	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:03	6/10/2026	10:40
IRVSEA-5-S-20260527	5	Toluene	Sample	1.22	ug/m3	0.242	ug/m3		Y	5/27/2026	10:03	6/10/2026	10:40
IRVSEA-6-S-20260527	6	Benzene	Sample	0.593	ug/m3	0.188	ug/m3		Y	5/27/2026	10:06	6/10/2026	10:43
IRVSEA-6-S-20260527	6	Ethylbenzene	Sample	0.352	ug/m3	0.274	ug/m3	J	Y	5/27/2026	10:06	6/10/2026	10:43
IRVSEA-6-S-20260527	6	m-/p-Xylenes	Sample	0.927	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:06	6/10/2026	10:43
IRVSEA-6-S-20260527	6	o-Xylene	Sample	0.338	ug/m3	0.274	ug/m3	J	Y	5/27/2026	10:06	6/10/2026	10:43
IRVSEA-6-S-20260527	6	Toluene	Sample	2.24	ug/m3	0.242	ug/m3		Y	5/27/2026	10:06	6/10/2026	10:43
IRVSEA-7-S-20260527	7	Benzene	Sample	1.15	ug/m3	0.188	ug/m3		Y	5/27/2026	10:09	6/10/2026	10:45
IRVSEA-7-S-20260527	7	Ethylbenzene	Sample	0.684	ug/m3	0.274	ug/m3		Y	5/27/2026	10:09	6/10/2026	10:45
IRVSEA-7-S-20260527	7	m-/p-Xylenes	Sample	2.12	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:09	6/10/2026	10:45
IRVSEA-7-S-20260527	7	o-Xylene	Sample	0.796	ug/m3	0.274	ug/m3		Y	5/27/2026	10:09	6/10/2026	10:45
IRVSEA-7-S-20260527	7	Toluene	Sample	4.69	ug/m3	0.242	ug/m3		Y	5/27/2026	10:09	6/10/2026	10:45
IRVSEA-8-S-20260527	8	Benzene	Sample	2.64	ug/m3	0.188	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-S-20260527	8	Ethylbenzene	Sample	1.64	ug/m3	0.274	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-S-20260527	8	m-/p-Xylenes	Sample	5.79	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-S-20260527	8	o-Xylene	Sample	2.11	ug/m3	0.274	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-S-20260527	8	Toluene	Sample	12	ug/m3	0.242	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-D-20260527	8	Benzene	Duplicate	2.61	ug/m3	0.188	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-D-20260527	8	Ethylbenzene	Duplicate	1.64	ug/m3	0.274	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-D-20260527	8	m-/p-Xylenes	Duplicate	6.06	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-D-20260527	8	o-Xylene	Duplicate	2.26	ug/m3	0.274	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-D-20260527	8	Toluene	Duplicate	12	ug/m3	0.242	ug/m3		Y	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-B-20260527	8	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-B-20260527	8	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-B-20260527	8	m-/p-Xylenes	Blank	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-B-20260527	8	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-8-B-20260527	8	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	5/27/2026	10:12	6/10/2026	10:47
IRVSEA-9-S-20260527	9	Benzene	Sample	1.65	ug/m3	0.188	ug/m3		Y	5/27/2026	10:15	6/10/2026	10:49
IRVSEA-9-S-20260527	9	Ethylbenzene	Sample	0.851	ug/m3	0.274	ug/m3		Y	5/27/2026	10:15	6/10/2026	10:49
IRVSEA-9-S-20260527	9	m-/p-Xylenes	Sample	3.21	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:15	6/10/2026	10:49
IRVSEA-9-S-20260527	9	o-Xylene	Sample	1.18	ug/m3	0.274	ug/m3		Y	5/27/2026	10:15	6/10/2026	10:49
IRVSEA-9-S-20260527	9	Toluene	Sample	6.87	ug/m3	0.242	ug/m3		Y	5/27/2026	10:15	6/10/2026	10:49
IRVSEA-10-S-20260527	10	Benzene	Sample	2.26	ug/m3	0.188	ug/m3		Y	5/27/2026	10:18	6/10/2026	10:51
IRVSEA-10-S-20260527	10	Ethylbenzene	Sample	1.42	ug/m3	0.274	ug/m3		Y	5/27/2026	10:18	6/10/2026	10:51
IRVSEA-10-S-20260527	10	m-/p-Xylenes	Sample	4.58	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:18	6/10/2026	10:51
IRVSEA-10-S-20260527	10	o-Xylene	Sample	1.67	ug/m3	0.274	ug/m3		Y	5/27/2026	10:18	6/10/2026	10:51
IRVSEA-10-S-20260527	10	Toluene	Sample	10.2	ug/m3	0.242	ug/m3		Y	5/27/2026	10:18	6/10/2026	10:51
IRVSEA-11-S-20260527	11	Benzene	Sample	1.71	ug/m3	0.188	ug/m3		Y	5/27/2026	10:20	6/10/2026	10:53
IRVSEA-11-S-20260527	11	Ethylbenzene	Sample	1.1	ug/m3	0.274	ug/m3		Y	5/27/2026	10:20	6/10/2026	10:53
IRVSEA-11-S-20260527	11	m-/p-Xylenes	Sample	3.49	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	10:20	6/10/2026	10:53
IRVSEA-11-S-20260527	11	o-Xylene	Sample	1.3	ug/m3	0.274	ug/m3		Y	5/27/2026	10:20	6/10/2026	10:53
IRVSEA-11-S-20260527	11	Toluene	Sample	7.39	ug/m3	0.242	ug/m3		Y	5/27/2026	10:20	6/10/2026	10:53
IRVSEA-12-S-20260527	12	Benzene	Sample	0.794	ug/m3	0.188	ug/m3		Y	5/27/2026	09:42	6/10/2026	10:20
IRVSEA-12-S-20260527	12	Ethylbenzene	Sample	0.637	ug/m3	0.274	ug/m3		Y	5/27/2026	09:42	6/10/2026	10:20
IRVSEA-12-S-20260527	12	m-/p-Xylenes	Sample	1.76	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	09:42	6/10/2026	10:20
IRVSEA-12-S-20260527	12	o-Xylene	Sample	0.614	ug/m3	0.274	ug/m3	J	Y	5/27/2026	09:42	6/10/2026	10:20
IRVSEA-12-S-20260527	12	Toluene	Sample	3.34	ug/m3	0.242	ug/m3		Y	5/27/2026	09:42	6/10/2026	10:20
IRVSEA-13-S-20260527	13	Benzene	Sample	0.397	ug/m3	0.188	ug/m3	J	Y	5/27/2026	09:46	6/10/2026	10:23
IRVSEA-13-S-20260527	13	Ethylbenzene	Sample	0.457	ug/m3	0.274	ug/m3	J	Y	5/27/2026	09:46	6/10/2026	10:23
IRVSEA-13-S-20260527	13	m-/p-Xylenes	Sample	1.4	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	09:46	6/10/2026	10:23

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-13-S-20260527	13	o-Xylene	Sample	0.359	ug/m3	0.274	ug/m3	J	Y	5/27/2026	09:46	6/10/2026	10:23
IRVSEA-13-S-20260527	13	Toluene	Sample	1.47	ug/m3	0.242	ug/m3		Y	5/27/2026	09:46	6/10/2026	10:23
IRVSEA-14-S-20260527	14	Benzene	Sample	0.322	ug/m3	0.188	ug/m3	J	Y	5/27/2026	09:50	6/10/2026	10:26
IRVSEA-14-S-20260527	14	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:50	6/10/2026	10:26
IRVSEA-14-S-20260527	14	m-/p-Xylenes	Sample	0.769	ug/m3	0.274	ug/m3	Pc	Y	5/27/2026	09:50	6/10/2026	10:26
IRVSEA-14-S-20260527	14	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	09:50	6/10/2026	10:26
IRVSEA-14-S-20260527	14	Toluene	Sample	1.16	ug/m3	0.242	ug/m3		Y	5/27/2026	09:50	6/10/2026	10:26
IRVSEA-15-S-20260527	15	Benzene	Sample	0.321	ug/m3	0.188	ug/m3	J	Y	5/27/2026	10:39	6/10/2026	11:12
IRVSEA-15-S-20260527	15	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:39	6/10/2026	11:12
IRVSEA-15-S-20260527	15	m-/p-Xylenes	Sample	0.313	ug/m3	0.274	ug/m3	J,Pc	Y	5/27/2026	10:39	6/10/2026	11:12
IRVSEA-15-S-20260527	15	Toluene	Sample	0.912	ug/m3	0.242	ug/m3		Y	5/27/2026	10:39	6/10/2026	11:12
IRVSEA-15-S-20260527	15	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:39	6/10/2026	11:12
IRVSEA-16-S-20260527	16	Benzene	Sample	0.284	ug/m3	0.188	ug/m3	J	Y	5/27/2026	10:41	6/10/2026	11:14
IRVSEA-16-S-20260527	16	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:41	6/10/2026	11:14
IRVSEA-16-S-20260527	16	m-/p-Xylenes	Sample	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	5/27/2026	10:41	6/10/2026	11:14
IRVSEA-16-S-20260527	16	Toluene	Sample	0.673	ug/m3	0.242	ug/m3		Y	5/27/2026	10:41	6/10/2026	11:14
IRVSEA-16-S-20260527	16	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:41	6/10/2026	11:14
IRVSEA-17-S-20260527	17	Benzene	Sample	0.428	ug/m3	0.188	ug/m3	J	Y	5/27/2026	10:44	6/10/2026	11:16
IRVSEA-17-S-20260527	17	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:44	6/10/2026	11:16
IRVSEA-17-S-20260527	17	m-/p-Xylenes	Sample	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	5/27/2026	10:44	6/10/2026	11:16
IRVSEA-17-S-20260527	17	Toluene	Sample	0.686	ug/m3	0.242	ug/m3		Y	5/27/2026	10:44	6/10/2026	11:16
IRVSEA-17-S-20260527	17	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	5/27/2026	10:44	6/10/2026	11:16
IRVSEA-1-S-20260610	1	Benzene	Sample	0.479	ug/m3	0.187	ug/m3		Y	6/10/2026	10:29	6/24/2026	11:16
IRVSEA-1-S-20260610	1	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	10:29	6/24/2026	11:16
IRVSEA-1-S-20260610	1	m-/p-Xylenes	Sample	0.742	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:29	6/24/2026	11:16
IRVSEA-1-S-20260610	1	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:29	6/24/2026	11:16
IRVSEA-1-S-20260610	1	Toluene	Sample	1.29	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:29	6/24/2026	11:16
IRVSEA-2-S-20260610	2	Benzene	Sample	0.72	ug/m3	0.187	ug/m3		Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-S-20260610	2	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-S-20260610	2	m-/p-Xylenes	Sample	0.878	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-S-20260610	2	o-Xylene	Sample	0.31	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-S-20260610	2	Toluene	Sample	1.91	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:32	6/24/2026	11:19

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-D-20260610	2	Benzene	Duplicate	0.668	ug/m3	0.187	ug/m3		Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-D-20260610	2	Ethylbenzene	Duplicate	1.04	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-D-20260610	2	m-/p-Xylenes	Duplicate	5.42	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-D-20260610	2	o-Xylene	Duplicate	1.82	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-D-20260610	2	Toluene	Duplicate	5.2	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-B-20260610	2	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-B-20260610	2	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-B-20260610	2	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-B-20260610	2	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-2-B-20260610	2	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND,P	N	6/10/2026	10:32	6/24/2026	11:19
IRVSEA-3-S-20260610	3	Benzene	Sample	0.814	ug/m3	0.187	ug/m3		Y	6/10/2026	10:35	6/24/2026	11:21
IRVSEA-3-S-20260610	3	Ethylbenzene	Sample	0.37	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:35	6/24/2026	11:21
IRVSEA-3-S-20260610	3	m-/p-Xylenes	Sample	1.27	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:35	6/24/2026	11:21
IRVSEA-3-S-20260610	3	o-Xylene	Sample	0.354	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:35	6/24/2026	11:21
IRVSEA-3-S-20260610	3	Toluene	Sample	2.08	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:35	6/24/2026	11:21
IRVSEA-4-S-20260610	4	Benzene	Sample	0.906	ug/m3	0.187	ug/m3		Y	6/10/2026	10:37	6/24/2026	11:23
IRVSEA-4-S-20260610	4	Ethylbenzene	Sample	0.391	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:37	6/24/2026	11:23
IRVSEA-4-S-20260610	4	m-/p-Xylenes	Sample	0.999	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:37	6/24/2026	11:23
IRVSEA-4-S-20260610	4	o-Xylene	Sample	0.331	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:37	6/24/2026	11:23
IRVSEA-4-S-20260610	4	Toluene	Sample	2.51	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:37	6/24/2026	11:23
IRVSEA-5-S-20260610	5	Benzene	Sample	0.403	ug/m3	0.187	ug/m3	J	Y	6/10/2026	10:40	6/24/2026	11:25
IRVSEA-5-S-20260610	5	Ethylbenzene	Sample	0.398	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:40	6/24/2026	11:25
IRVSEA-5-S-20260610	5	m-/p-Xylenes	Sample	1.08	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:40	6/24/2026	11:25
IRVSEA-5-S-20260610	5	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:40	6/24/2026	11:25
IRVSEA-5-S-20260610	5	Toluene	Sample	1.13	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:40	6/24/2026	11:25
IRVSEA-6-S-20260610	6	Benzene	Sample	0.613	ug/m3	0.187	ug/m3		Y	6/10/2026	10:43	6/24/2026	11:28
IRVSEA-6-S-20260610	6	Ethylbenzene	Sample	0.298	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:43	6/24/2026	11:28
IRVSEA-6-S-20260610	6	m-/p-Xylenes	Sample	0.797	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:43	6/24/2026	11:28
IRVSEA-6-S-20260610	6	o-Xylene	Sample	0.297	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:43	6/24/2026	11:28
IRVSEA-6-S-20260610	6	Toluene	Sample	1.99	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:43	6/24/2026	11:28
IRVSEA-7-S-20260610	7	Benzene	Sample	1.44	ug/m3	0.187	ug/m3		Y	6/10/2026	10:45	6/24/2026	11:30
IRVSEA-7-S-20260610	7	Ethylbenzene	Sample	0.735	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:45	6/24/2026	11:30

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-7-S-20260610	7	m-/p-Xylenes	Sample	2.1	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:45	6/24/2026	11:30
IRVSEA-7-S-20260610	7	o-Xylene	Sample	0.83	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:45	6/24/2026	11:30
IRVSEA-7-S-20260610	7	Toluene	Sample	4.97	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:45	6/24/2026	11:30
IRVSEA-8-S-20260610	8	Benzene	Sample	1.82	ug/m3	0.187	ug/m3		Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-S-20260610	8	Ethylbenzene	Sample	0.798	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-S-20260610	8	m-/p-Xylenes	Sample	2.93	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-S-20260610	8	o-Xylene	Sample	1.17	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-S-20260610	8	Toluene	Sample	6.27	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-D-20260610	8	Benzene	Duplicate	1.69	ug/m3	0.187	ug/m3		Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-D-20260610	8	Ethylbenzene	Duplicate	0.964	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-D-20260610	8	m-/p-Xylenes	Duplicate	2.67	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-D-20260610	8	o-Xylene	Duplicate	1.06	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-D-20260610	8	Toluene	Duplicate	6.27	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-B-20260610	8	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND	N	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-B-20260610	8	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-B-20260610	8	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-B-20260610	8	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-8-B-20260610	8	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND,P	N	6/10/2026	10:47	6/24/2026	11:32
IRVSEA-9-S-20260610	9	Benzene	Sample	0.87	ug/m3	0.187	ug/m3		Y	6/10/2026	10:49	6/24/2026	11:34
IRVSEA-9-S-20260610	9	Ethylbenzene	Sample	0.443	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:49	6/24/2026	11:34
IRVSEA-9-S-20260610	9	m-/p-Xylenes	Sample	1.16	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:49	6/24/2026	11:34
IRVSEA-9-S-20260610	9	o-Xylene	Sample	0.442	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:49	6/24/2026	11:34
IRVSEA-9-S-20260610	9	Toluene	Sample	2.79	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:49	6/24/2026	11:34
IRVSEA-10-S-20260610	10	Benzene	Sample	1.34	ug/m3	0.187	ug/m3		Y	6/10/2026	10:51	6/24/2026	11:36
IRVSEA-10-S-20260610	10	Ethylbenzene	Sample	0.657	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:51	6/24/2026	11:36
IRVSEA-10-S-20260610	10	m-/p-Xylenes	Sample	1.71	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:51	6/24/2026	11:36
IRVSEA-10-S-20260610	10	o-Xylene	Sample	0.678	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:51	6/24/2026	11:36
IRVSEA-10-S-20260610	10	Toluene	Sample	4.48	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:51	6/24/2026	11:36
IRVSEA-11-S-20260610	11	Benzene	Sample	2.48	ug/m3	0.187	ug/m3		Y	6/10/2026	10:53	6/24/2026	11:38
IRVSEA-11-S-20260610	11	Ethylbenzene	Sample	1.12	ug/m3	0.272	ug/m3	Pc	Y	6/10/2026	10:53	6/24/2026	11:38
IRVSEA-11-S-20260610	11	m-/p-Xylenes	Sample	3.45	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:53	6/24/2026	11:38
IRVSEA-11-S-20260610	11	o-Xylene	Sample	1.36	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:53	6/24/2026	11:38

Irving Oil Searsport Maine Terminal Fenceline Monitoring

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-11-S-20260610	11	Toluene	Sample	8.73	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:53	6/24/2026	11:38
IRVSEA-12-S-20260610	12	Benzene	Sample	1.25	ug/m3	0.187	ug/m3		Y	6/10/2026	10:20	6/24/2026	11:04
IRVSEA-12-S-20260610	12	Ethylbenzene	Sample	0.578	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:20	6/24/2026	11:04
IRVSEA-12-S-20260610	12	m-/p-Xylenes	Sample	1.42	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:20	6/24/2026	11:04
IRVSEA-12-S-20260610	12	o-Xylene	Sample	0.54	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:20	6/24/2026	11:04
IRVSEA-12-S-20260610	12	Toluene	Sample	4.37	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:20	6/24/2026	11:04
IRVSEA-13-S-20260610	13	Benzene	Sample	0.642	ug/m3	0.187	ug/m3		Y	6/10/2026	10:23	6/24/2026	11:09
IRVSEA-13-S-20260610	13	Ethylbenzene	Sample	0.336	ug/m3	0.272	ug/m3	J,Pc	Y	6/10/2026	10:23	6/24/2026	11:09
IRVSEA-13-S-20260610	13	m-/p-Xylenes	Sample	1.14	ug/m3	0.272	ug/m3	P	Y	6/10/2026	10:23	6/24/2026	11:09
IRVSEA-13-S-20260610	13	o-Xylene	Sample	0.398	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:23	6/24/2026	11:09
IRVSEA-13-S-20260610	13	Toluene	Sample	2.17	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:23	6/24/2026	11:09
IRVSEA-14-S-20260610	14	Benzene	Sample	0.401	ug/m3	0.187	ug/m3	J	Y	6/10/2026	10:26	6/24/2026	11:11
IRVSEA-14-S-20260610	14	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	10:26	6/24/2026	11:11
IRVSEA-14-S-20260610	14	m-/p-Xylenes	Sample	0.517	ug/m3	0.272	ug/m3	J,P	Y	6/10/2026	10:26	6/24/2026	11:11
IRVSEA-14-S-20260610	14	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	10:26	6/24/2026	11:11
IRVSEA-14-S-20260610	14	Toluene	Sample	1.57	ug/m3	0.24	ug/m3	P	Y	6/10/2026	10:26	6/24/2026	11:11
IRVSEA-15-S-20260610	15	Benzene	Sample	0.368	ug/m3	0.186	ug/m3	J	Y	6/10/2026	11:12	6/24/2026	12:02
IRVSEA-15-S-20260610	15	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	11:12	6/24/2026	12:02
IRVSEA-15-S-20260610	15	m-/p-Xylenes	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:12	6/24/2026	12:02
IRVSEA-15-S-20260610	15	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:12	6/24/2026	12:02
IRVSEA-15-S-20260610	15	Toluene	Sample	0.76	ug/m3	0.24	ug/m3	P	Y	6/10/2026	11:12	6/24/2026	12:02
IRVSEA-16-S-20260610	16	Benzene	Sample	0.28	ug/m3	0.186	ug/m3	J	Y	6/10/2026	11:14	6/24/2026	12:04
IRVSEA-16-S-20260610	16	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	11:14	6/24/2026	12:04
IRVSEA-16-S-20260610	16	m-/p-Xylenes	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:14	6/24/2026	12:04
IRVSEA-16-S-20260610	16	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:14	6/24/2026	12:04
IRVSEA-16-S-20260610	16	Toluene	Sample	0.656	ug/m3	0.24	ug/m3	P	Y	6/10/2026	11:14	6/24/2026	12:04
IRVSEA-17-S-20260610	17	Benzene	Sample	0.386	ug/m3	0.186	ug/m3	J	Y	6/10/2026	11:16	6/24/2026	12:06
IRVSEA-17-S-20260610	17	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/10/2026	11:16	6/24/2026	12:06
IRVSEA-17-S-20260610	17	m-/p-Xylenes	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:16	6/24/2026	12:06
IRVSEA-17-S-20260610	17	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/10/2026	11:16	6/24/2026	12:06
IRVSEA-17-S-20260610	17	Toluene	Sample	0.754	ug/m3	0.24	ug/m3	P	Y	6/10/2026	11:16	6/24/2026	12:06

FLM Data Flag Abbreviations - EPA Method 325B	
FLAG	**EXPLANATION**
ND	The analyte was not present above the Method Detection Limit
J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
P	Field duplicate(s) exceed 30%RPD
Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
Note: Meteorological data flagged ND was not available from the airport. Missing data can be due to instrument maintenance, instrument malfunction, data transmission issues, or other factors resulting in missing data.	

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
3/18/26 11:00	3.5	289	-4.8	1020
3/18/26 12:00	4.1	261	-3.9	1021
3/18/26 13:00	4.2	272	-3.4	1021
3/18/26 14:00	4.1	294	-2.5	1020
3/18/26 15:00	3.3	289	-2.0	1020
3/18/26 16:00	2.4	270	-1.9	1020
3/18/26 17:00	1.9	245	-2.0	1021
3/18/26 18:00	1.7	214	-2.2	1022
3/18/26 19:00	1.7	185	-3.0	1023
3/18/26 20:00	1.7	183	-4.7	1023
3/18/26 21:00	1.4	176	-4.8	1024
3/18/26 22:00	1.7	150	-6.4	1024
3/18/26 23:00	1.3	154	-6.7	1023
3/19/26 0:00	1.7	141	-6.0	1023
3/19/26 1:00	1.5	143	-5.9	1023
3/19/26 2:00	1.7	130	-6.3	1023
3/19/26 3:00	1.5	143	-7.2	1022
3/19/26 4:00	ND	ND	-7.5	1022
3/19/26 5:00	ND	ND	-6.9	1022
3/19/26 6:00	ND	ND	-6.5	1022
3/19/26 7:00	1.7	114	-5.8	1022
3/19/26 8:00	2.5	114	-3.9	1022
3/19/26 9:00	4.0	142	-1.9	1021
3/19/26 10:00	4.9	138	-1.1	1021
3/19/26 11:00	4.0	149	-0.3	1020
3/19/26 12:00	5.9	162	0.8	1019
3/19/26 13:00	5.4	165	1.1	1018
3/19/26 14:00	6.1	179	0.9	1017
3/19/26 15:00	5.7	183	1.0	1017
3/19/26 16:00	5.9	183	0.9	1016
3/19/26 17:00	4.9	184	0.7	1015
3/19/26 18:00	4.6	175	-0.2	1015
3/19/26 19:00	3.6	157	-1.0	1015
3/19/26 20:00	3.1	155	-1.1	1015
3/19/26 21:00	3.7	163	-1.1	1014
3/19/26 22:00	3.1	163	-1.5	1014
3/19/26 23:00	3.0	166	-1.1	1013
3/20/26 0:00	3.1	172	-1.1	1012
3/20/26 1:00	3.1	185	-1.1	1012
3/20/26 2:00	3.0	194	-1.0	1011
3/20/26 3:00	2.0	194	-1.0	1011
3/20/26 4:00	2.1	201	-1.2	1010
3/20/26 5:00	1.7	209	-2.3	1010
3/20/26 6:00	ND	ND	-3.8	1011
3/20/26 7:00	1.6	215	-2.1	1011

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/20/26 8:00	2.1	208	0.2	1011
3/20/26 9:00	2.6	259	3.0	1011
3/20/26 10:00	3.5	254	4.2	1010
3/20/26 11:00	2.5	211	5.6	1009
3/20/26 12:00	3.4	220	6.1	1008
3/20/26 13:00	5.1	187	6.8	1007
3/20/26 14:00	6.5	186	5.9	1006
3/20/26 15:00	6.5	183	4.6	1005
3/20/26 16:00	5.6	177	3.8	1004
3/20/26 17:00	3.6	184	3.0	1004
3/20/26 18:00	2.5	145	1.5	1004
3/20/26 19:00	1.8	78	1.0	1003
3/20/26 20:00	2.5	73	1.0	1003
3/20/26 21:00	2.3	70	1.0	1002
3/20/26 22:00	1.7	31	0.9	1002
3/20/26 23:00	1.8	356	1.0	1001
3/21/26 0:00	2.0	357	0.9	1001
3/21/26 1:00	2.1	344	1.0	1001
3/21/26 2:00	2.3	358	0.9	1001
3/21/26 3:00	3.0	359	0.2	1001
3/21/26 4:00	3.8	356	0.0	1001
3/21/26 5:00	4.1	357	0.0	1001
3/21/26 6:00	4.3	3	0.1	1001
3/21/26 7:00	4.0	358	0.0	1001
3/21/26 8:00	5.3	359	0.7	1002
3/21/26 9:00	6.0	3	0.9	1002
3/21/26 10:00	6.5	358	1.1	1003
3/21/26 11:00	6.1	352	1.2	1003
3/21/26 12:00	5.5	345	2.1	1003
3/21/26 13:00	4.7	355	1.8	1003
3/21/26 14:00	7.6	331	2.8	1003
3/21/26 15:00	7.9	321	3.4	1004
3/21/26 16:00	6.8	324	2.9	1004
3/21/26 17:00	7.1	328	2.1	1005
3/21/26 18:00	5.9	315	1.2	1006
3/21/26 19:00	4.2	321	-0.3	1007
3/21/26 20:00	1.9	285	-1.0	1008
3/21/26 21:00	1.9	264	-1.7	1008
3/21/26 22:00	2.5	273	-2.0	1008
3/21/26 23:00	2.8	258	-2.2	1008
3/22/26 0:00	2.1	256	-2.0	1008
3/22/26 1:00	2.4	260	-2.0	1008
3/22/26 2:00	1.5	257	-2.0	1008
3/22/26 3:00	1.5	280	-2.1	1008
3/22/26 4:00	ND	ND	-2.1	1008
3/22/26 5:00	1.6	20	-2.1	1008
3/22/26 6:00	1.5	85	-2.2	1008
3/22/26 7:00	2.2	58	-2.1	1009
3/22/26 8:00	2.9	62	-1.6	1009

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/22/26 9:00	3.0	78	-1.2	1009
3/22/26 10:00	2.5	110	-2.6	1009
3/22/26 11:00	2.7	106	-2.2	1008
3/22/26 12:00	3.0	83	-2.0	1007
3/22/26 13:00	4.0	87	-1.6	1006
3/22/26 14:00	4.4	101	-1.1	1006
3/22/26 15:00	3.8	90	-1.0	1005
3/22/26 16:00	3.4	81	-0.9	1004
3/22/26 17:00	3.2	74	-1.0	1004
3/22/26 18:00	2.6	70	-0.7	1003
3/22/26 19:00	3.4	52	-0.6	1004
3/22/26 20:00	3.9	49	-1.1	1005
3/22/26 21:00	3.1	39	-1.4	1005
3/22/26 22:00	4.2	31	-2.0	1006
3/22/26 23:00	4.1	20	-1.9	1006
3/23/26 0:00	4.2	20	-2.0	1007
3/23/26 1:00	4.7	30	-2.0	1006
3/23/26 2:00	4.2	31	-2.1	1006
3/23/26 3:00	4.5	34	-2.1	1006
3/23/26 4:00	4.8	27	-2.1	1006
3/23/26 5:00	3.8	19	-2.1	1006
3/23/26 6:00	4.8	20	-2.1	1006
3/23/26 7:00	3.5	25	-2.0	1007
3/23/26 8:00	3.5	27	-2.0	1007
3/23/26 9:00	5.3	34	-1.8	1007
3/23/26 10:00	5.8	39	-2.0	1008
3/23/26 11:00	4.3	39	-1.1	1007
3/23/26 12:00	5.8	38	-1.1	1007
3/23/26 13:00	5.7	39	-1.1	1007
3/23/26 14:00	5.1	36	-1.1	1007
3/23/26 15:00	5.6	34	-1.1	1007
3/23/26 16:00	4.4	38	-1.1	1008
3/23/26 17:00	4.8	22	-1.7	1009
3/23/26 18:00	4.0	13	-2.0	1009
3/23/26 19:00	3.6	352	-2.0	1010
3/23/26 20:00	3.8	5	-2.0	1010
3/23/26 21:00	2.3	327	-2.9	1011
3/23/26 22:00	3.0	358	-3.2	1011
3/23/26 23:00	2.7	343	-4.8	1012
3/24/26 0:00	3.4	340	-6.4	1012
3/24/26 1:00	3.5	345	-7.2	1012
3/24/26 2:00	3.2	344	-8.1	1013
3/24/26 3:00	3.1	339	-9.0	1014
3/24/26 4:00	4.1	332	-9.2	1014
3/24/26 5:00	2.2	328	-9.5	1015
3/24/26 6:00	ND	ND	-11.7	1016
3/24/26 7:00	ND	ND	-11.8	1017
3/24/26 8:00	ND	ND	-9.4	1018
3/24/26 9:00	0.9	ND	-4.5	1018

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/24/26 10:00	2.7	313	-2.3	1018
3/24/26 11:00	2.5	329	-0.8	1018
3/24/26 12:00	2.6	331	0.9	1017
3/24/26 13:00	2.5	312	1.4	1017
3/24/26 14:00	2.8	276	2.1	1016
3/24/26 15:00	3.6	268	2.9	1016
3/24/26 16:00	3.5	243	3.0	1016
3/24/26 17:00	2.9	237	3.0	1016
3/24/26 18:00	2.3	223	2.2	1015
3/24/26 19:00	1.7	198	1.0	1016
3/24/26 20:00	2.5	189	0.8	1015
3/24/26 21:00	3.8	198	0.9	1015
3/24/26 22:00	4.3	204	0.4	1015
3/24/26 23:00	4.3	197	-0.1	1015
3/25/26 0:00	1.3	212	-0.1	1014
3/25/26 1:00	1.7	248	-0.5	1014
3/25/26 2:00	1.6	269	-1.0	1014
3/25/26 3:00	1.4	243	-1.7	1014
3/25/26 4:00	1.3	242	-2.1	1015
3/25/26 5:00	1.6	195	-3.0	1015
3/25/26 6:00	1.5	170	-5.3	1015
3/25/26 7:00	1.9	190	-2.6	1015
3/25/26 8:00	3.9	250	0.6	1016
3/25/26 9:00	4.8	274	2.0	1016
3/25/26 10:00	6.9	296	3.0	1016
3/25/26 11:00	7.5	301	3.0	1016
3/25/26 12:00	7.0	304	3.5	1017
3/25/26 13:00	6.0	300	4.1	1017
3/25/26 14:00	5.3	299	4.5	1017
3/25/26 15:00	5.0	287	5.5	1016
3/25/26 16:00	3.9	274	5.7	1016
3/25/26 17:00	3.3	264	5.2	1016
3/25/26 18:00	2.3	281	3.9	1016
3/25/26 19:00	1.8	150	0.2	1016
3/25/26 20:00	3.0	147	0.2	1016
3/25/26 21:00	2.0	147	-0.4	1016
3/25/26 22:00	2.0	148	-0.2	1015
3/25/26 23:00	3.4	173	1.6	1014
3/26/26 0:00	4.5	171	2.8	1014
3/26/26 1:00	3.3	154	1.3	1013
3/26/26 2:00	3.9	159	1.6	1011
3/26/26 3:00	5.0	182	2.0	1010
3/26/26 4:00	4.3	194	2.0	1009
3/26/26 5:00	5.1	186	2.0	1008
3/26/26 6:00	4.0	189	2.0	1007
3/26/26 7:00	4.0	187	2.3	1007
3/26/26 8:00	3.5	189	3.0	1006
3/26/26 9:00	4.0	183	3.6	1005
3/26/26 10:00	3.1	202	4.5	1004

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/26/26 11:00	4.5	197	6.8	1003
3/26/26 12:00	4.3	210	8.6	1002
3/26/26 13:00	3.4	202	10.5	1001
3/26/26 14:00	3.8	215	11.8	1000
3/26/26 15:00	4.7	188	11.2	999
3/26/26 16:00	4.8	181	8.7	999
3/26/26 17:00	4.2	183	7.6	998
3/26/26 18:00	2.8	182	7.0	998
3/26/26 19:00	2.6	181	6.9	997
3/26/26 20:00	1.7	209	6.5	997
3/26/26 21:00	1.7	191	5.9	997
3/26/26 22:00	1.7	158	5.8	996
3/26/26 23:00	1.5	186	5.9	995
3/27/26 0:00	1.5	210	5.7	995
3/27/26 1:00	3.2	355	5.6	994
3/27/26 2:00	6.7	342	5.3	994
3/27/26 3:00	5.5	332	3.9	995
3/27/26 4:00	6.0	352	3.1	997
3/27/26 5:00	6.0	358	1.6	998
3/27/26 6:00	5.1	10	0.7	1001
3/27/26 7:00	5.9	355	-0.7	1003
3/27/26 8:00	7.6	339	-0.8	1004
3/27/26 9:00	6.2	340	0.6	1006
3/27/26 10:00	6.1	333	1.0	1007
3/27/26 11:00	7.4	310	1.0	1008
3/27/26 12:00	9.0	312	1.0	1008
3/27/26 13:00	11.3	327	1.0	1009
3/27/26 14:00	10.0	331	1.1	1009
3/27/26 15:00	7.3	336	1.3	1009
3/27/26 16:00	7.5	325	1.0	1010
3/27/26 17:00	7.8	318	0.6	1010
3/27/26 18:00	6.4	318	-1.2	1011
3/27/26 19:00	4.6	316	-2.4	1013
3/27/26 20:00	5.4	329	-3.3	1014
3/27/26 21:00	6.6	337	-4.2	1015
3/27/26 22:00	5.7	341	-5.5	1016
3/27/26 23:00	5.5	327	-6.4	1016
3/28/26 0:00	4.1	330	-7.5	1017
3/28/26 1:00	3.6	331	-7.8	1017
3/28/26 2:00	3.4	343	-7.3	1017
3/28/26 3:00	3.9	13	-7.8	1017
3/28/26 4:00	3.0	11	-8.2	1018
3/28/26 5:00	4.0	28	-9.0	1019
3/28/26 6:00	2.6	30	-9.7	1020
3/28/26 7:00	3.9	13	-9.0	1021
3/28/26 8:00	3.3	13	-8.2	1021
3/28/26 9:00	2.9	2	-7.6	1022
3/28/26 10:00	2.4	359	-6.8	1022
3/28/26 11:00	3.1	339	-5.7	1021

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/28/26 12:00	3.5	334	-4.2	1021
3/28/26 13:00	3.9	321	-3.2	1020
3/28/26 14:00	4.0	304	-2.2	1020
3/28/26 15:00	4.5	334	-1.7	1019
3/28/26 16:00	2.7	2	-1.8	1019
3/28/26 17:00	2.4	334	-1.5	1019
3/28/26 18:00	2.4	53	-2.3	1019
3/28/26 19:00	1.6	111	-3.3	1020
3/28/26 20:00	1.4	144	-4.4	1021
3/28/26 21:00	1.5	152	-5.4	1021
3/28/26 22:00	1.3	209	-4.6	1022
3/28/26 23:00	1.9	210	-4.1	1022
3/29/26 0:00	1.7	229	-4.1	1022
3/29/26 1:00	1.5	210	-5.9	1023
3/29/26 2:00	0.8	230	-6.3	1023
3/29/26 3:00	1.5	190	-7.1	1022
3/29/26 4:00	1.5	180	-7.4	1023
3/29/26 5:00	1.5	ND	-8.0	1023
3/29/26 6:00	1.6	197	-7.8	1024
3/29/26 7:00	2.0	209	-4.9	1024
3/29/26 8:00	2.7	215	-2.1	1024
3/29/26 9:00	5.2	248	0.5	1024
3/29/26 10:00	5.2	239	1.6	1024
3/29/26 11:00	5.5	235	2.3	1023
3/29/26 12:00	5.5	225	3.6	1022
3/29/26 13:00	5.4	217	4.0	1021
3/29/26 14:00	5.6	240	4.6	1020
3/29/26 15:00	5.6	239	5.5	1020
3/29/26 16:00	4.5	243	5.9	1019
3/29/26 17:00	4.2	248	5.9	1019
3/29/26 18:00	3.4	229	5.4	1019
3/29/26 19:00	3.5	193	3.8	1020
3/29/26 20:00	4.3	188	2.0	1020
3/29/26 21:00	3.7	192	1.4	1019
3/29/26 22:00	2.4	173	0.1	1019
3/29/26 23:00	1.8	160	-1.4	1019
3/30/26 0:00	2.4	195	-1.7	1018
3/30/26 1:00	1.9	210	-0.5	1018
3/30/26 2:00	2.0	204	0.4	1017
3/30/26 3:00	2.0	205	0.7	1016
3/30/26 4:00	1.5	200	0.9	1016
3/30/26 5:00	1.5	187	0.7	1015
3/30/26 6:00	3.6	182	1.9	1014
3/30/26 7:00	3.5	174	2.6	1013
3/30/26 8:00	5.3	176	3.3	1012
3/30/26 9:00	5.8	184	4.4	1011
3/30/26 10:00	5.8	178	6.4	1009
3/30/26 11:00	4.7	184	8.7	1008
3/30/26 12:00	4.1	215	11.5	1006

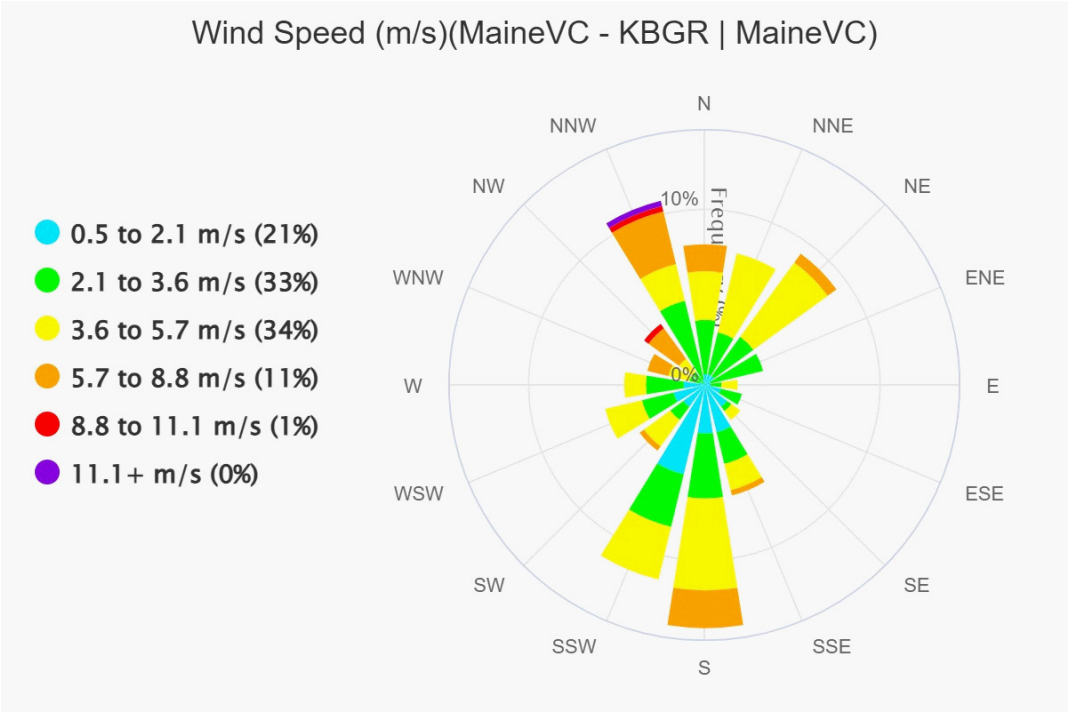
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

3/30/26 13:00	4.7	209	13.5	1005
3/30/26 14:00	5.2	223	15.8	1004
3/30/26 15:00	6.0	234	15.9	1003
3/30/26 16:00	5.4	210	15.0	1003
3/30/26 17:00	4.9	186	13.5	1003
3/30/26 18:00	3.9	179	12.8	1003
3/30/26 19:00	3.4	187	11.9	1004
3/30/26 20:00	2.8	206	11.4	1005
3/30/26 21:00	1.9	233	10.1	1006
3/30/26 22:00	1.8	217	9.1	1006
3/30/26 23:00	1.7	273	9.0	1007
3/31/26 0:00	3.0	336	8.5	1008
3/31/26 1:00	4.0	16	8.3	1009
3/31/26 2:00	2.8	22	7.2	1010
3/31/26 3:00	3.0	23	6.9	1010
3/31/26 4:00	4.1	21	6.6	1010
3/31/26 5:00	4.9	45	5.8	1010
3/31/26 6:00	3.9	46	5.0	1011
3/31/26 7:00	3.4	54	5.0	1011
3/31/26 8:00	3.1	60	4.2	1011
3/31/26 9:00	3.2	51	3.3	1012
3/31/26 10:00	4.6	52	2.2	1012
3/31/26 11:00	4.7	47	1.8	1011
3/31/26 12:00	4.1	41	2.0	1010
3/31/26 13:00	4.2	38	2.3	1009
3/31/26 14:00	4.7	33	2.5	1009
3/31/26 15:00	4.4	35	3.0	1009
3/31/26 16:00	4.0	39	3.0	1009
3/31/26 17:00	3.5	46	2.9	1009
3/31/26 18:00	3.0	44	2.5	1009
3/31/26 19:00	2.4	40	1.9	1009
3/31/26 20:00	2.3	63	1.9	1009
3/31/26 21:00	2.3	72	1.9	1008
3/31/26 22:00	2.2	116	1.9	1007
3/31/26 23:00	2.0	126	1.9	1006
4/1/26 0:00	2.3	165	1.9	1005
4/1/26 1:00	2.0	135	1.9	1004
4/1/26 2:00	1.9	41	1.9	1003
4/1/26 3:00	2.1	24	1.9	1003
4/1/26 4:00	2.9	26	1.9	1003
4/1/26 5:00	2.7	33	1.0	1004
4/1/26 6:00	1.8	45	1.1	1004
4/1/26 7:00	2.3	349	1.6	1005
4/1/26 8:00	1.8	345	2.0	1006
4/1/26 9:00	3.2	353	2.2	1008
4/1/26 10:00	2.8	344	3.4	1009

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (3/18/26 11:00 to 4/1/26 10:00)

BGR Wind Rose 3/18/26 11:00 - 4/1/25 10:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
4/1/26 10:00	2.8	344	3.4	1009
4/1/26 11:00	3.3	332	4.0	1010
4/1/26 12:00	4.0	360	5.8	1011
4/1/26 13:00	5.0	346	7.7	1012
4/1/26 14:00	3.1	4	8.3	1012
4/1/26 15:00	6.1	2	8.9	1014
4/1/26 16:00	5.2	14	8.0	1015
4/1/26 17:00	6.2	12	6.5	1016
4/1/26 18:00	5.6	355	5.3	1018
4/1/26 19:00	6.1	354	4.0	1019
4/1/26 20:00	5.3	358	3.1	1020
4/1/26 21:00	4.9	355	2.1	1022
4/1/26 22:00	4.1	9	1.9	1023
4/1/26 23:00	3.3	26	1.2	1024
4/2/26 0:00	3.4	49	0.8	1024
4/2/26 1:00	4.9	30	0.9	1024
4/2/26 2:00	3.0	38	0.8	1025
4/2/26 3:00	4.0	24	0.8	1026
4/2/26 4:00	3.8	24	0.0	1027
4/2/26 5:00	3.5	34	-0.3	1027
4/2/26 6:00	3.4	45	-1.0	1027
4/2/26 7:00	5.1	58	-1.1	1028
4/2/26 8:00	5.1	60	-0.8	1029
4/2/26 9:00	5.1	55	-0.4	1030
4/2/26 10:00	4.5	31	0.4	1030
4/2/26 11:00	3.4	62	2.1	1030
4/2/26 12:00	3.0	74	3.0	1030
4/2/26 13:00	2.9	77	4.1	1029
4/2/26 14:00	3.1	130	5.5	1029
4/2/26 15:00	2.3	134	6.0	1028
4/2/26 16:00	3.1	77	6.9	1028
4/2/26 17:00	3.2	105	6.3	1028
4/2/26 18:00	5.1	173	4.1	1028
4/2/26 19:00	3.9	178	2.6	1028
4/2/26 20:00	3.4	140	2.3	1029
4/2/26 21:00	3.4	141	2.0	1028
4/2/26 22:00	2.9	152	1.9	1029
4/2/26 23:00	2.4	147	1.9	1028
4/3/26 0:00	2.3	136	1.1	1027
4/3/26 1:00	1.9	127	0.9	1027
4/3/26 2:00	1.9	126	0.2	1026
4/3/26 3:00	2.9	145	0.9	1025
4/3/26 4:00	5.2	146	0.4	1024
4/3/26 5:00	4.1	141	-0.4	1023
4/3/26 6:00	1.9	129	0.0	1023

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/3/26 7:00	2.6	127	0.0	1022
4/3/26 8:00	2.5	144	1.0	1021
4/3/26 9:00	3.3	148	1.5	1020
4/3/26 10:00	4.1	165	2.2	1019
4/3/26 11:00	4.7	168	3.0	1017
4/3/26 12:00	5.2	169	3.0	1015
4/3/26 13:00	5.0	172	4.0	1013
4/3/26 14:00	5.0	184	4.3	1012
4/3/26 15:00	5.8	184	5.0	1010
4/3/26 16:00	4.7	182	4.5	1009
4/3/26 17:00	3.3	178	4.1	1008
4/3/26 18:00	4.0	177	4.2	1007
4/3/26 19:00	2.6	182	4.9	1007
4/3/26 20:00	2.3	182	4.9	1006
4/3/26 21:00	2.6	176	5.6	1005
4/3/26 22:00	3.0	176	5.9	1004
4/3/26 23:00	2.1	193	5.9	1004
4/4/26 0:00	2.3	321	5.9	1004
4/4/26 1:00	2.4	288	6.2	1005
4/4/26 2:00	2.0	275	6.6	1006
4/4/26 3:00	5.2	323	7.3	1008
4/4/26 4:00	8.7	354	7.2	1010
4/4/26 5:00	8.6	358	4.0	1013
4/4/26 6:00	7.4	360	3.1	1015
4/4/26 7:00	8.0	14	2.2	1018
4/4/26 8:00	9.1	11	2.0	1019
4/4/26 9:00	9.6	7	2.1	1020
4/4/26 10:00	7.8	10	4.0	1021
4/4/26 11:00	7.7	9	4.9	1021
4/4/26 12:00	7.1	15	6.0	1022
4/4/26 13:00	6.3	37	7.2	1022
4/4/26 14:00	4.9	48	8.0	1022
4/4/26 15:00	4.4	71	7.9	1022
4/4/26 16:00	3.7	80	8.1	1022
4/4/26 17:00	5.1	91	7.7	1022
4/4/26 18:00	5.3	115	6.5	1022
4/4/26 19:00	4.6	142	3.7	1023
4/4/26 20:00	4.1	127	2.8	1023
4/4/26 21:00	4.9	118	2.4	1023
4/4/26 22:00	4.7	123	2.0	1023
4/4/26 23:00	5.4	137	1.5	1022
4/5/26 0:00	4.6	134	1.0	1020
4/5/26 1:00	4.4	148	2.0	1019
4/5/26 2:00	5.4	156	2.0	1017
4/5/26 3:00	7.0	158	2.0	1016
4/5/26 4:00	6.1	161	1.9	1014
4/5/26 5:00	5.5	154	1.7	1012
4/5/26 6:00	4.7	155	1.9	1011
4/5/26 7:00	4.0	158	2.0	1009

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/5/26 8:00	4.5	154	2.8	1007
4/5/26 9:00	3.7	168	3.4	1006
4/5/26 10:00	1.6	313	4.0	1005
4/5/26 11:00	1.9	76	4.0	1003
4/5/26 12:00	1.9	44	4.0	1000
4/5/26 13:00	1.7	16	5.0	999
4/5/26 14:00	2.1	237	5.4	999
4/5/26 15:00	2.8	134	6.0	996
4/5/26 16:00	2.0	263	6.0	997
4/5/26 17:00	2.2	226	5.9	996
4/5/26 18:00	2.0	246	5.9	997
4/5/26 19:00	2.1	245	5.9	997
4/5/26 20:00	2.0	279	5.8	997
4/5/26 21:00	2.3	318	5.0	998
4/5/26 22:00	1.5	230	5.0	998
4/5/26 23:00	1.5	204	5.0	997
4/6/26 0:00	1.8	242	5.4	997
4/6/26 1:00	2.1	276	5.1	997
4/6/26 2:00	2.1	254	4.7	996
4/6/26 3:00	2.3	259	4.0	996
4/6/26 4:00	2.8	255	3.6	997
4/6/26 5:00	3.2	249	3.0	997
4/6/26 6:00	3.7	262	3.0	997
4/6/26 7:00	3.6	262	3.0	998
4/6/26 8:00	4.9	258	3.8	998
4/6/26 9:00	5.5	268	5.1	998
4/6/26 10:00	4.9	280	4.1	999
4/6/26 11:00	6.3	291	5.0	999
4/6/26 12:00	5.7	293	6.0	999
4/6/26 13:00	5.7	290	5.9	1000
4/6/26 14:00	6.9	291	5.2	1000
4/6/26 15:00	7.0	294	5.6	1001
4/6/26 16:00	6.3	298	4.5	1002
4/6/26 17:00	6.4	307	4.0	1003
4/6/26 18:00	5.7	311	3.4	1004
4/6/26 19:00	5.4	316	1.8	1005
4/6/26 20:00	2.9	297	1.2	1007
4/6/26 21:00	1.5	242	-0.3	1008
4/6/26 22:00	2.4	262	-0.2	1009
4/6/26 23:00	1.8	257	-1.0	1009
4/7/26 0:00	1.8	249	-1.1	1010
4/7/26 1:00	1.8	243	-1.8	1010
4/7/26 2:00	1.5	246	-2.0	1010
4/7/26 3:00	1.5	236	-2.5	1011
4/7/26 4:00	1.9	290	-3.0	1012
4/7/26 5:00	2.4	269	-2.6	1013
4/7/26 6:00	1.7	276	-4.3	1013
4/7/26 7:00	2.1	324	-1.4	1014
4/7/26 8:00	2.2	343	0.8	1015

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/7/26 9:00	1.8	22	2.1	1015
4/7/26 10:00	1.8	199	2.9	1015
4/7/26 11:00	2.3	157	3.5	1015
4/7/26 12:00	2.1	246	4.0	1014
4/7/26 13:00	2.5	197	4.8	1014
4/7/26 14:00	4.7	192	4.5	1014
4/7/26 15:00	5.0	195	2.9	1015
4/7/26 16:00	3.2	177	2.1	1015
4/7/26 17:00	2.3	179	1.1	1015
4/7/26 18:00	1.5	166	0.9	1016
4/7/26 19:00	ND	ND	0.8	1016
4/7/26 20:00	ND	ND	0.5	1017
4/7/26 21:00	1.5	287	0.0	1018
4/7/26 22:00	1.5	264	-0.8	1019
4/7/26 23:00	2.0	298	-1.3	1020
4/8/26 0:00	3.5	313	-0.5	1021
4/8/26 1:00	4.9	317	-0.9	1022
4/8/26 2:00	4.3	306	-1.1	1023
4/8/26 3:00	3.8	309	-2.1	1024
4/8/26 4:00	4.1	314	-2.8	1025
4/8/26 5:00	3.7	307	-3.1	1026
4/8/26 6:00	3.4	296	-3.7	1027
4/8/26 7:00	3.4	314	-2.5	1028
4/8/26 8:00	2.7	325	-1.6	1028
4/8/26 9:00	3.1	335	-0.2	1029
4/8/26 10:00	2.9	344	1.0	1029
4/8/26 11:00	3.3	325	2.4	1028
4/8/26 12:00	2.9	268	3.1	1028
4/8/26 13:00	3.1	289	4.0	1027
4/8/26 14:00	2.9	257	5.5	1027
4/8/26 15:00	3.0	268	6.0	1026
4/8/26 16:00	3.6	234	6.0	1026
4/8/26 17:00	3.3	247	6.0	1026
4/8/26 18:00	3.7	199	5.2	1026
4/8/26 19:00	3.7	179	2.5	1027
4/8/26 20:00	3.5	171	0.9	1027
4/8/26 21:00	2.9	177	0.3	1027
4/8/26 22:00	2.5	200	-0.3	1027
4/8/26 23:00	1.6	189	-1.2	1028
4/9/26 0:00	2.1	185	-1.9	1028
4/9/26 1:00	2.2	193	-1.4	1028
4/9/26 2:00	2.6	197	-1.9	1028
4/9/26 3:00	2.0	178	-2.1	1028
4/9/26 4:00	1.8	177	-2.2	1028
4/9/26 5:00	2.6	177	-2.1	1028
4/9/26 6:00	1.8	175	-2.4	1028
4/9/26 7:00	3.1	180	0.5	1029
4/9/26 8:00	5.3	191	3.0	1029
4/9/26 9:00	5.4	182	5.7	1028

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/9/26 10:00	6.8	184	7.5	1028
4/9/26 11:00	7.1	181	8.8	1027
4/9/26 12:00	8.7	165	9.5	1026
4/9/26 13:00	8.8	171	9.9	1026
4/9/26 14:00	9.5	174	9.5	1025
4/9/26 15:00	10.2	172	8.9	1024
4/9/26 16:00	9.8	171	7.9	1024
4/9/26 17:00	9.3	182	6.4	1024
4/9/26 18:00	8.6	175	4.9	1023
4/9/26 19:00	7.1	173	3.3	1023
4/9/26 20:00	7.1	176	3.0	1023
4/9/26 21:00	7.2	182	3.0	1023
4/9/26 22:00	5.0	189	3.0	1023
4/9/26 23:00	4.3	190	2.9	1023
4/10/26 0:00	5.7	185	3.0	1022
4/10/26 1:00	6.4	180	3.0	1020
4/10/26 2:00	5.1	186	3.0	1020
4/10/26 3:00	4.6	191	3.2	1020
4/10/26 4:00	3.7	181	3.0	1020
4/10/26 5:00	3.3	179	3.0	1020
4/10/26 6:00	3.3	182	3.0	1019
4/10/26 7:00	4.4	187	4.6	1019
4/10/26 8:00	4.5	200	6.4	1019
4/10/26 9:00	3.2	173	8.0	1018
4/10/26 10:00	4.4	170	10.1	1017
4/10/26 11:00	4.3	175	11.4	1016
4/10/26 12:00	6.1	185	12.9	1015
4/10/26 13:00	6.2	186	13.7	1014
4/10/26 14:00	6.9	189	12.3	1013
4/10/26 15:00	7.1	175	10.7	1013
4/10/26 16:00	7.0	179	10.8	1012
4/10/26 17:00	6.5	180	9.9	1011
4/10/26 18:00	5.7	182	8.4	1011
4/10/26 19:00	4.2	178	7.6	1010
4/10/26 20:00	4.3	172	7.0	1010
4/10/26 21:00	4.4	173	7.0	1010
4/10/26 22:00	3.2	188	7.0	1010
4/10/26 23:00	2.5	152	7.0	1009
4/11/26 0:00	1.7	166	6.8	1008
4/11/26 1:00	1.6	166	6.6	1007
4/11/26 2:00	1.6	213	6.3	1007
4/11/26 3:00	1.4	319	5.9	1007
4/11/26 4:00	2.2	292	5.9	1008
4/11/26 5:00	3.3	310	6.2	1008
4/11/26 6:00	6.7	319	6.5	1009
4/11/26 7:00	4.6	310	6.5	1010
4/11/26 8:00	7.2	313	7.2	1010
4/11/26 9:00	9.0	313	8.0	1010
4/11/26 10:00	8.7	318	8.3	1010

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/11/26 11:00	8.8	311	8.1	1011
4/11/26 12:00	9.9	314	8.4	1011
4/11/26 13:00	9.2	311	8.5	1011
4/11/26 14:00	8.9	304	9.0	1011
4/11/26 15:00	8.6	305	8.7	1011
4/11/26 16:00	9.2	321	8.0	1012
4/11/26 17:00	8.6	314	7.5	1013
4/11/26 18:00	6.4	306	6.9	1014
4/11/26 19:00	4.5	300	6.0	1014
4/11/26 20:00	2.6	283	5.5	1016
4/11/26 21:00	2.5	277	4.6	1017
4/11/26 22:00	2.1	271	3.7	1017
4/11/26 23:00	2.3	277	2.8	1018
4/12/26 0:00	2.8	274	1.9	1018
4/12/26 1:00	2.5	281	1.9	1019
4/12/26 2:00	2.7	286	1.5	1019
4/12/26 3:00	3.1	265	1.0	1020
4/12/26 4:00	3.4	272	0.7	1020
4/12/26 5:00	3.4	276	0.5	1021
4/12/26 6:00	2.8	271	0.3	1022
4/12/26 7:00	4.0	296	2.5	1023
4/12/26 8:00	5.2	316	4.9	1023
4/12/26 9:00	5.0	322	6.7	1024
4/12/26 10:00	5.1	331	7.7	1024
4/12/26 11:00	4.0	314	8.5	1023
4/12/26 12:00	4.1	340	9.9	1023
4/12/26 13:00	4.5	328	11.5	1022
4/12/26 14:00	3.1	326	12.0	1021
4/12/26 15:00	3.0	278	12.6	1021
4/12/26 16:00	3.4	216	11.8	1020
4/12/26 17:00	5.9	192	9.5	1021
4/12/26 18:00	4.8	186	8.4	1020
4/12/26 19:00	4.4	179	7.6	1020
4/12/26 20:00	4.1	184	6.9	1020
4/12/26 21:00	3.8	195	6.3	1020
4/12/26 22:00	3.9	193	5.9	1020
4/12/26 23:00	4.1	198	5.9	1020
4/13/26 0:00	4.3	197	5.9	1020
4/13/26 1:00	5.3	188	4.8	1019
4/13/26 2:00	6.6	181	4.1	1018
4/13/26 3:00	5.8	181	3.8	1016
4/13/26 4:00	6.1	173	3.9	1015
4/13/26 5:00	5.9	179	4.0	1013
4/13/26 6:00	6.5	183	4.2	1012
4/13/26 7:00	8.4	187	5.2	1011
4/13/26 8:00	6.9	191	5.9	1010
4/13/26 9:00	4.9	188	6.0	1009
4/13/26 10:00	5.1	192	6.1	1008
4/13/26 11:00	4.6	183	7.0	1006

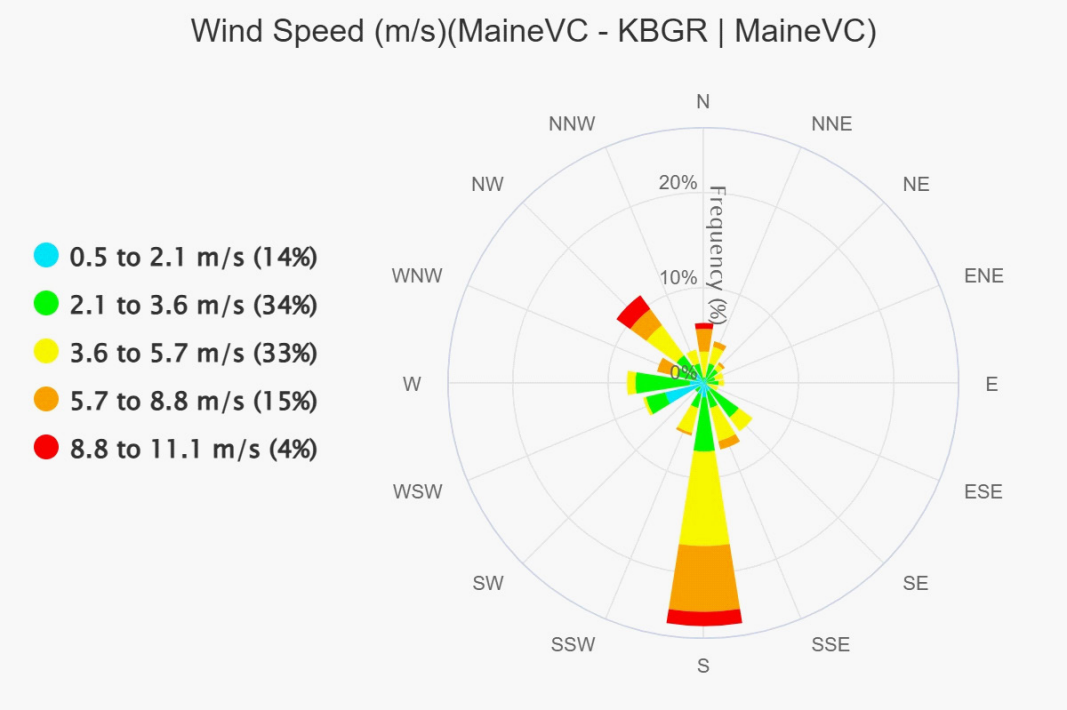
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

4/13/26 12:00	3.9	182	7.3	1005
4/13/26 13:00	4.2	156	8.3	1003
4/13/26 14:00	4.2	185	8.9	1002
4/13/26 15:00	4.1	190	8.9	1001
4/13/26 16:00	3.4	176	8.5	1000
4/13/26 17:00	3.1	183	8.0	1000
4/13/26 18:00	2.8	184	8.0	999
4/13/26 19:00	2.1	196	8.1	999
4/13/26 20:00	2.1	194	8.0	1000
4/13/26 21:00	2.0	210	7.9	1000
4/13/26 22:00	1.9	236	7.8	1001
4/13/26 23:00	1.7	261	10.1	1002
4/14/26 0:00	1.7	243	10.9	1002
4/14/26 1:00	2.1	255	10.1	1003
4/14/26 2:00	2.3	275	8.9	1003
4/14/26 3:00	2.1	308	7.9	1003
4/14/26 4:00	2.6	302	9.2	1004
4/14/26 5:00	2.2	318	7.4	1005
4/14/26 6:00	4.0	357	8.5	1006
4/14/26 7:00	3.8	343	11.1	1007
4/14/26 8:00	4.4	351	12.5	1008
4/14/26 9:00	4.4	1	13.3	1008
4/14/26 10:00	2.6	347	14.0	1009
4/14/26 11:00	2.2	339	15.5	1008
4/14/26 12:00	2.2	20	16.9	1007
4/14/26 13:00	2.1	81	17.8	1006
4/14/26 14:00	2.6	142	18.3	1006
4/14/26 15:00	5.3	172	17.7	1005
4/14/26 16:00	6.6	184	15.4	1005
4/14/26 17:00	4.1	179	13.9	1005
4/14/26 18:00	4.0	169	13.5	1005
4/14/26 19:00	3.8	168	11.4	1005
4/14/26 20:00	3.3	127	10.9	1005
4/14/26 21:00	2.5	84	10.9	1004
4/14/26 22:00	3.1	87	10.9	1004
4/14/26 23:00	3.6	111	10.8	1003
4/15/26 0:00	3.5	134	10.7	1003
4/15/26 1:00	2.4	150	10.0	1003
4/15/26 2:00	1.7	98	9.9	1003
4/15/26 3:00	2.5	39	9.7	1002
4/15/26 4:00	2.5	22	8.9	1003
4/15/26 5:00	2.7	26	9.0	1003
4/15/26 6:00	2.7	21	9.1	1004
4/15/26 7:00	3.9	16	9.0	1006
4/15/26 8:00	3.4	4	9.5	1006
4/15/26 9:00	3.6	340	10.3	1006
4/15/26 10:00	3.7	353	11.7	1006
4/15/26 11:00	3.4	0	12.2	1007

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (4/1/26 10:00 to 4/15/26 11:00)

BGR Wind Rose 4/1/26 10:00 - 4/15/26 11:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
4/15/26 11:00	3.4	0	12.2	1007
4/15/26 12:00	3.2	26	12.9	1007
4/15/26 13:00	3.5	32	13.0	1006
4/15/26 14:00	2.3	41	13.0	1006
4/15/26 15:00	1.5	116	13.2	1006
4/15/26 16:00	2.5	91	13.9	1006
4/15/26 17:00	1.9	108	13.5	1006
4/15/26 18:00	1.8	112	12.9	1007
4/15/26 19:00	1.8	105	12.2	1007
4/15/26 20:00	2.5	92	11.9	1007
4/15/26 21:00	2.2	177	11.9	1007
4/15/26 22:00	3.0	196	11.2	1008
4/15/26 23:00	1.5	201	10.0	1007
4/16/26 0:00	1.4	186	9.7	1007
4/16/26 1:00	2.8	185	9.0	1007
4/16/26 2:00	2.4	172	9.0	1007
4/16/26 3:00	1.2	147	8.9	1007
4/16/26 4:00	1.3	154	8.9	1007
4/16/26 5:00	2.0	135	8.9	1006
4/16/26 6:00	1.8	158	8.9	1006
4/16/26 7:00	2.3	133	8.9	1007
4/16/26 8:00	1.5	60	8.9	1007
4/16/26 9:00	1.7	71	9.2	1007
4/16/26 10:00	1.5	101	9.9	1006
4/16/26 11:00	2.2	133	10.1	1006
4/16/26 12:00	1.8	146	10.9	1006
4/16/26 13:00	3.3	146	10.9	1005
4/16/26 14:00	4.5	138	10.5	1004
4/16/26 15:00	3.8	170	10.0	1003
4/16/26 16:00	3.9	168	9.9	1002
4/16/26 17:00	4.4	186	9.2	1002
4/16/26 18:00	4.3	177	8.4	1002
4/16/26 19:00	3.7	175	7.5	1001
4/16/26 20:00	3.9	173	6.9	1000
4/16/26 21:00	3.2	201	6.6	1001
4/16/26 22:00	4.1	173	6.1	1000
4/16/26 23:00	2.9	217	6.5	1000
4/17/26 0:00	2.8	187	6.9	1000
4/17/26 1:00	2.9	258	6.9	1000
4/17/26 2:00	2.3	190	7.0	1000
4/17/26 3:00	1.7	123	6.9	999
4/17/26 4:00	2.1	8	7.0	1000
4/17/26 5:00	2.1	14	7.1	1000
4/17/26 6:00	1.8	358	7.8	1002
4/17/26 7:00	1.9	356	8.3	1003

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/17/26 8:00	2.2	357	9.1	1004
4/17/26 9:00	4.3	356	10.8	1004
4/17/26 10:00	5.6	353	12.2	1005
4/17/26 11:00	5.9	7	13.7	1006
4/17/26 12:00	5.8	2	15.7	1006
4/17/26 13:00	5.3	358	17.2	1006
4/17/26 14:00	5.0	20	18.3	1006
4/17/26 15:00	4.4	4	19.4	1006
4/17/26 16:00	4.6	1	20.3	1006
4/17/26 17:00	5.0	20	20.1	1007
4/17/26 18:00	3.0	34	18.7	1007
4/17/26 19:00	2.3	15	15.4	1008
4/17/26 20:00	1.6	7	11.7	1009
4/17/26 21:00	1.5	351	9.4	1010
4/17/26 22:00	2.5	55	11.3	1011
4/17/26 23:00	2.1	12	9.8	1012
4/18/26 0:00	2.1	13	8.3	1012
4/18/26 1:00	3.8	10	7.7	1012
4/18/26 2:00	3.7	15	7.4	1013
4/18/26 3:00	2.0	20	6.4	1013
4/18/26 4:00	1.8	315	4.8	1012
4/18/26 5:00	2.3	2	4.1	1014
4/18/26 6:00	1.6	7	6.0	1016
4/18/26 7:00	2.0	92	7.6	1016
4/18/26 8:00	2.2	110	9.8	1016
4/18/26 9:00	4.5	131	12.5	1016
4/18/26 10:00	4.9	139	13.6	1016
4/18/26 11:00	3.7	125	14.1	1015
4/18/26 12:00	5.3	161	16.0	1015
4/18/26 13:00	6.4	150	16.8	1014
4/18/26 14:00	6.5	166	16.9	1013
4/18/26 15:00	6.9	171	16.0	1013
4/18/26 16:00	7.9	166	14.4	1013
4/18/26 17:00	5.4	155	13.0	1012
4/18/26 18:00	5.3	144	12.5	1011
4/18/26 19:00	4.5	148	11.1	1011
4/18/26 20:00	4.9	150	9.9	1010
4/18/26 21:00	5.2	171	9.1	1010
4/18/26 22:00	5.3	150	8.3	1009
4/18/26 23:00	3.8	166	6.8	1009
4/19/26 0:00	3.6	173	5.9	1008
4/19/26 1:00	3.9	179	5.9	1008
4/19/26 2:00	3.3	171	5.9	1007
4/19/26 3:00	2.5	181	5.9	1006
4/19/26 4:00	2.9	156	5.8	1005
4/19/26 5:00	3.9	158	5.8	1004
4/19/26 6:00	3.0	168	5.9	1004
4/19/26 7:00	3.6	154	6.1	1002
4/19/26 8:00	3.2	183	6.9	1002

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/19/26 9:00	3.3	185	6.9	1001
4/19/26 10:00	3.3	177	6.9	1001
4/19/26 11:00	2.9	177	7.0	1000
4/19/26 12:00	1.8	224	7.0	1000
4/19/26 13:00	1.5	253	7.0	999
4/19/26 14:00	2.1	325	7.0	999
4/19/26 15:00	3.9	322	7.5	998
4/19/26 16:00	5.9	317	6.6	998
4/19/26 17:00	6.6	318	5.7	998
4/19/26 18:00	6.3	302	4.1	999
4/19/26 19:00	5.1	307	3.0	1000
4/19/26 20:00	4.0	306	2.2	1000
4/19/26 21:00	3.8	293	2.1	1001
4/19/26 22:00	3.5	292	2.0	1002
4/19/26 23:00	3.7	301	1.9	1003
4/20/26 0:00	3.0	282	1.3	1004
4/20/26 1:00	3.1	269	0.6	1005
4/20/26 2:00	2.2	265	-0.2	1006
4/20/26 3:00	2.3	249	-0.8	1006
4/20/26 4:00	1.7	249	-0.9	1007
4/20/26 5:00	1.5	230	-1.8	1007
4/20/26 6:00	1.5	230	-1.5	1008
4/20/26 7:00	1.7	248	1.4	1009
4/20/26 8:00	2.2	208	3.5	1009
4/20/26 9:00	3.5	268	5.1	1009
4/20/26 10:00	5.1	298	4.9	1010
4/20/26 11:00	3.8	309	1.8	1011
4/20/26 12:00	3.3	297	4.1	1011
4/20/26 13:00	4.4	304	6.0	1011
4/20/26 14:00	5.3	307	6.0	1011
4/20/26 15:00	5.3	313	6.1	1012
4/20/26 16:00	5.3	314	5.9	1012
4/20/26 17:00	6.8	332	4.2	1013
4/20/26 18:00	5.8	344	3.8	1014
4/20/26 19:00	6.6	341	2.2	1015
4/20/26 20:00	3.7	349	0.6	1017
4/20/26 21:00	2.5	345	-1.2	1017
4/20/26 22:00	1.6	309	-2.0	1018
4/20/26 23:00	1.5	330	-3.0	1019
4/21/26 0:00	1.5	ND	-3.7	1019
4/21/26 1:00	1.5	8	-3.2	1019
4/21/26 2:00	1.5	10	-3.7	1019
4/21/26 3:00	1.5	ND	-4.9	1020
4/21/26 4:00	ND	ND	-6.1	1020
4/21/26 5:00	ND	ND	-6.2	1020
4/21/26 6:00	ND	ND	-4.8	1021
4/21/26 7:00	ND	ND	-2.3	1021
4/21/26 8:00	1.8	147	0.0	1021
4/21/26 9:00	2.0	109	1.4	1021

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/21/26 10:00	1.9	17	2.6	1020
4/21/26 11:00	2.7	276	4.0	1020
4/21/26 12:00	3.2	332	4.5	1019
4/21/26 13:00	3.6	327	5.5	1018
4/21/26 14:00	3.5	308	6.4	1018
4/21/26 15:00	2.8	284	7.0	1017
4/21/26 16:00	4.6	207	7.0	1016
4/21/26 17:00	4.6	184	6.1	1016
4/21/26 18:00	5.9	183	4.6	1016
4/21/26 19:00	4.8	182	2.8	1017
4/21/26 20:00	3.4	189	1.9	1017
4/21/26 21:00	2.8	202	1.3	1018
4/21/26 22:00	1.6	199	0.1	1017
4/21/26 23:00	2.2	194	-0.3	1018
4/22/26 0:00	1.9	198	-0.6	1018
4/22/26 1:00	1.5	150	-2.3	1017
4/22/26 2:00	ND	ND	-3.1	1017
4/22/26 3:00	1.5	170	-2.7	1016
4/22/26 4:00	1.8	150	-2.5	1016
4/22/26 5:00	1.8	149	-2.6	1016
4/22/26 6:00	1.8	148	-1.4	1016
4/22/26 7:00	2.3	181	1.7	1016
4/22/26 8:00	4.3	178	3.7	1015
4/22/26 9:00	5.6	187	5.2	1015
4/22/26 10:00	5.2	182	6.0	1015
4/22/26 11:00	6.1	188	6.6	1015
4/22/26 12:00	6.0	182	7.1	1014
4/22/26 13:00	6.1	176	6.4	1013
4/22/26 14:00	5.7	175	5.8	1013
4/22/26 15:00	6.5	175	5.2	1012
4/22/26 16:00	5.6	178	4.7	1011
4/22/26 17:00	4.5	177	4.0	1011
4/22/26 18:00	4.2	178	4.0	1011
4/22/26 19:00	3.8	176	3.9	1010
4/22/26 20:00	3.0	169	3.8	1010
4/22/26 21:00	2.8	155	3.9	1010
4/22/26 22:00	2.9	159	3.9	1010
4/22/26 23:00	3.4	165	3.8	1009
4/23/26 0:00	3.2	161	3.9	1008
4/23/26 1:00	2.3	163	4.0	1007
4/23/26 2:00	1.6	157	3.9	1006
4/23/26 3:00	2.0	138	4.0	1006
4/23/26 4:00	2.1	144	4.0	1005
4/23/26 5:00	1.5	160	3.9	1005
4/23/26 6:00	0.9	ND	4.0	1005
4/23/26 7:00	1.8	143	4.0	1004
4/23/26 8:00	1.5	ND	4.6	1003
4/23/26 9:00	2.4	307	5.0	1003
4/23/26 10:00	2.5	300	4.3	1003

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/23/26 11:00	2.7	337	6.0	1002
4/23/26 12:00	5.5	332	6.9	1002
4/23/26 13:00	8.5	327	7.6	1002
4/23/26 14:00	7.3	330	7.8	1002
4/23/26 15:00	7.4	339	7.2	1002
4/23/26 16:00	7.1	323	6.8	1002
4/23/26 17:00	9.2	322	6.6	1002
4/23/26 18:00	9.1	323	6.1	1003
4/23/26 19:00	6.5	325	5.9	1003
4/23/26 20:00	4.6	314	5.5	1003
4/23/26 21:00	4.9	316	4.3	1003
4/23/26 22:00	3.6	314	3.4	1003
4/23/26 23:00	2.4	304	2.5	1003
4/24/26 0:00	1.8	286	0.9	1002
4/24/26 1:00	2.4	291	0.9	1002
4/24/26 2:00	2.4	273	0.0	1001
4/24/26 3:00	2.3	271	-0.6	1001
4/24/26 4:00	2.8	276	0.2	1002
4/24/26 5:00	2.5	270	0.6	1002
4/24/26 6:00	2.0	287	1.2	1003
4/24/26 7:00	3.9	319	2.8	1003
4/24/26 8:00	5.1	339	4.6	1003
4/24/26 9:00	6.2	343	5.9	1003
4/24/26 10:00	5.8	357	6.1	1003
4/24/26 11:00	5.1	351	6.4	1003
4/24/26 12:00	5.9	359	6.8	1003
4/24/26 13:00	6.6	339	6.8	1003
4/24/26 14:00	5.7	5	6.5	1004
4/24/26 15:00	7.5	7	5.7	1004
4/24/26 16:00	7.7	10	5.9	1005
4/24/26 17:00	5.9	10	6.0	1005
4/24/26 18:00	6.1	352	5.8	1006
4/24/26 19:00	5.4	358	5.1	1007
4/24/26 20:00	3.7	345	4.0	1008
4/24/26 21:00	1.4	308	2.3	1009
4/24/26 22:00	2.0	310	1.1	1009
4/24/26 23:00	2.9	314	1.4	1009
4/25/26 0:00	3.1	312	2.6	1009
4/25/26 1:00	3.1	330	1.9	1009
4/25/26 2:00	3.0	341	0.6	1009
4/25/26 3:00	3.3	328	0.0	1009
4/25/26 4:00	1.8	326	1.4	1009
4/25/26 5:00	1.5	321	1.9	1010
4/25/26 6:00	1.4	288	2.6	1010
4/25/26 7:00	3.5	3	5.2	1011
4/25/26 8:00	5.2	9	7.3	1011
4/25/26 9:00	4.7	5	8.6	1010
4/25/26 10:00	5.3	9	10.3	1010
4/25/26 11:00	4.5	357	11.0	1010

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/25/26 12:00	4.4	345	11.8	1009
4/25/26 13:00	4.2	333	12.8	1009
4/25/26 14:00	3.3	352	14.0	1008
4/25/26 15:00	3.9	345	14.5	1008
4/25/26 16:00	4.3	353	15.0	1008
4/25/26 17:00	3.6	9	14.3	1008
4/25/26 18:00	3.7	19	13.7	1008
4/25/26 19:00	2.4	20	11.0	1009
4/25/26 20:00	1.5	330	7.5	1009
4/25/26 21:00	2.1	210	7.0	1010
4/25/26 22:00	1.6	219	6.0	1010
4/25/26 23:00	1.5	217	3.6	1010
4/26/26 0:00	ND	ND	2.4	1010
4/26/26 1:00	ND	ND	2.1	1011
4/26/26 2:00	ND	ND	1.9	1010
4/26/26 3:00	ND	ND	1.7	1011
4/26/26 4:00	ND	ND	0.9	1011
4/26/26 5:00	ND	ND	0.4	1012
4/26/26 6:00	ND	ND	2.1	1012
4/26/26 7:00	2.5	9	5.9	1013
4/26/26 8:00	2.5	358	8.1	1013
4/26/26 9:00	1.9	329	9.2	1013
4/26/26 10:00	2.0	17	11.6	1013
4/26/26 11:00	1.7	336	13.3	1013
4/26/26 12:00	1.9	51	15.1	1013
4/26/26 13:00	2.6	120	16.3	1013
4/26/26 14:00	2.7	316	17.9	1012
4/26/26 15:00	2.4	74	18.0	1012
4/26/26 16:00	2.8	66	18.9	1012
4/26/26 17:00	2.8	84	18.9	1012
4/26/26 18:00	3.7	178	17.3	1012
4/26/26 19:00	4.3	175	12.9	1013
4/26/26 20:00	3.2	167	11.0	1014
4/26/26 21:00	2.7	192	9.4	1015
4/26/26 22:00	1.9	211	8.6	1015
4/26/26 23:00	1.6	192	7.5	1015
4/27/26 0:00	1.5	ND	5.5	1015
4/27/26 1:00	ND	ND	4.3	1015
4/27/26 2:00	ND	ND	3.2	1015
4/27/26 3:00	ND	ND	2.7	1016
4/27/26 4:00	1.8	327	2.4	1016
4/27/26 5:00	0.4	ND	2.3	1016
4/27/26 6:00	ND	ND	4.1	1017
4/27/26 7:00	1.7	343	8.0	1018
4/27/26 8:00	1.7	324	11.9	1018
4/27/26 9:00	1.8	270	14.8	1018
4/27/26 10:00	1.4	349	17.0	1018
4/27/26 11:00	2.4	16	18.6	1017
4/27/26 12:00	2.1	46	20.3	1017

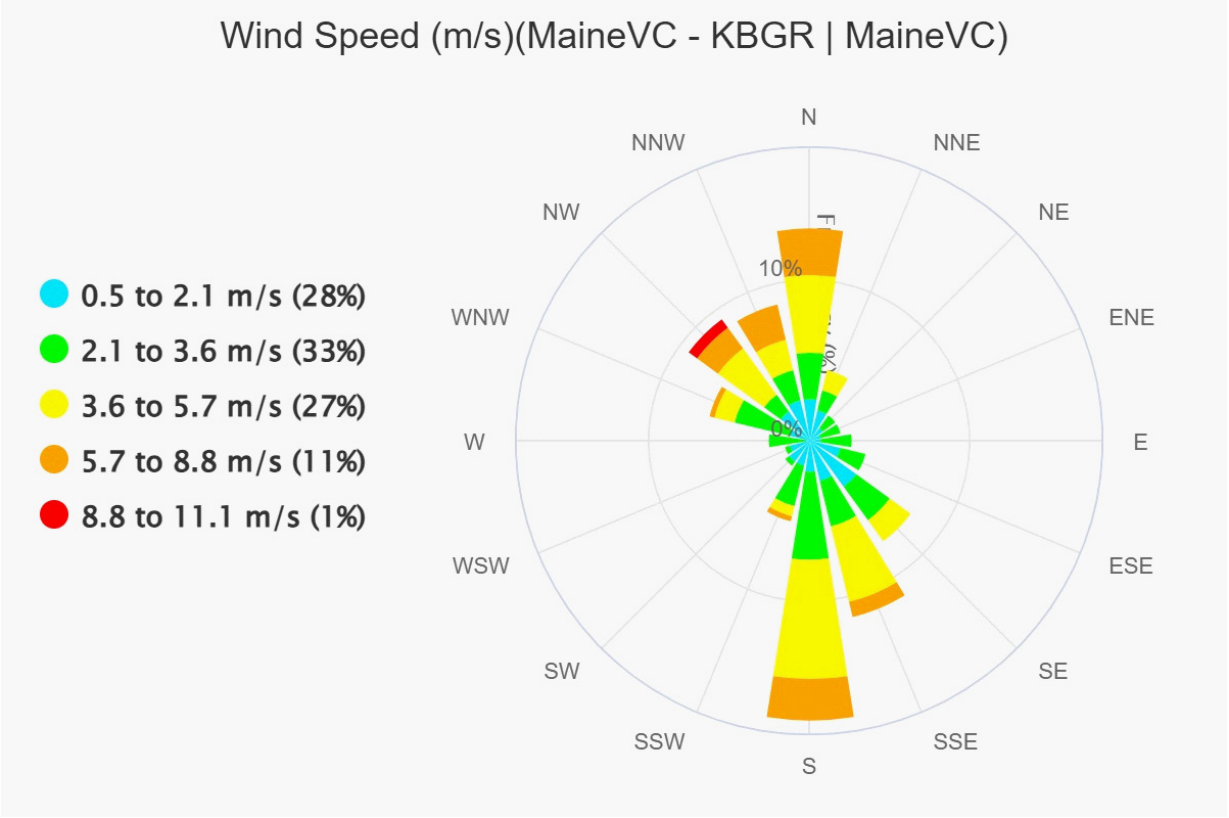
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

4/27/26 13:00	2.5	77	20.9	1016
4/27/26 14:00	2.3	66	21.4	1016
4/27/26 15:00	1.5	243	21.9	1015
4/27/26 16:00	3.3	186	20.3	1016
4/27/26 17:00	6.4	187	17.5	1016
4/27/26 18:00	5.3	180	14.7	1016
4/27/26 19:00	4.2	186	12.3	1017
4/27/26 20:00	4.4	179	10.2	1018
4/27/26 21:00	4.4	166	8.3	1018
4/27/26 22:00	4.1	178	7.4	1018
4/27/26 23:00	2.2	169	6.0	1019
4/28/26 0:00	1.5	183	4.8	1019
4/28/26 1:00	1.5	133	3.6	1018
4/28/26 2:00	1.5	140	2.8	1018
4/28/26 3:00	ND	ND	2.1	1018
4/28/26 4:00	2.1	ND	1.8	1017
4/28/26 5:00	ND	ND	1.1	1018
4/28/26 6:00	1.5	340	2.7	1018
4/28/26 7:00	1.5	170	6.0	1018
4/28/26 8:00	2.1	100	7.8	1018
4/28/26 9:00	1.7	56	10.1	1018
4/28/26 10:00	1.9	121	12.3	1017
4/28/26 11:00	2.5	91	14.8	1016
4/28/26 12:00	3.4	127	16.7	1016
4/28/26 13:00	3.4	122	17.3	1015
4/28/26 14:00	4.4	156	17.5	1014
4/28/26 15:00	4.3	162	17.1	1014
4/28/26 16:00	4.4	153	17.4	1013
4/28/26 17:00	5.3	156	16.6	1014
4/28/26 18:00	5.8	192	13.8	1014
4/28/26 19:00	4.0	192	11.5	1014
4/28/26 20:00	3.3	174	9.6	1014
4/28/26 21:00	2.8	145	6.9	1014
4/28/26 22:00	1.9	183	6.8	1014
4/28/26 23:00	1.5	180	5.3	1013
4/29/26 0:00	1.6	130	4.4	1013
4/29/26 1:00	1.9	143	4.1	1012
4/29/26 2:00	1.5	295	3.6	1012
4/29/26 3:00	ND	ND	5.6	1012
4/29/26 4:00	2.4	129	6.0	1013
4/29/26 5:00	3.3	112	5.6	1012
4/29/26 6:00	2.7	100	5.6	1012
4/29/26 7:00	2.4	113	6.0	1012
4/29/26 8:00	2.7	145	6.7	1012
4/29/26 9:00	3.1	150	7.8	1012
4/29/26 10:00	2.3	133	8.1	1012

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (4/15/26 11:00 to 4/29/26 10:00)

BGR Wind Rose 4/15/26 11:00 - 4/29/26 10:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
4/29/26 10:00	2.3	133	8.1	1012
4/29/26 11:00	2.6	131	8.7	1011
4/29/26 12:00	3.5	152	10.2	1010
4/29/26 13:00	4.2	130	11.1	1009
4/29/26 14:00	4.3	135	10.9	1009
4/29/26 15:00	4.6	141	9.7	1009
4/29/26 16:00	4.5	137	8.9	1009
4/29/26 17:00	4.2	127	8.8	1009
4/29/26 18:00	4.8	137	8.3	1009
4/29/26 19:00	3.4	142	7.6	1009
4/29/26 20:00	2.9	143	6.9	1009
4/29/26 21:00	4.1	132	6.9	1008
4/29/26 22:00	4.1	138	7.0	1008
4/29/26 23:00	4.8	126	6.9	1008
4/30/26 0:00	5.2	128	6.9	1007
4/30/26 1:00	3.7	128	6.9	1006
4/30/26 2:00	4.3	118	6.1	1006
4/30/26 3:00	5.0	119	6.0	1005
4/30/26 4:00	4.2	117	6.0	1005
4/30/26 5:00	4.8	117	6.0	1004
4/30/26 6:00	5.0	118	5.9	1004
4/30/26 7:00	4.6	112	6.1	1004
4/30/26 8:00	4.5	106	6.9	1004
4/30/26 9:00	5.2	107	6.9	1003
4/30/26 10:00	3.2	134	7.0	1003
4/30/26 11:00	4.0	135	7.1	1003
4/30/26 12:00	3.5	132	7.2	1003
4/30/26 13:00	3.5	124	7.9	1002
4/30/26 14:00	3.5	124	8.1	1001
4/30/26 15:00	2.7	142	8.6	1000
4/30/26 16:00	1.5	220	7.9	1000
4/30/26 17:00	1.7	15	8.0	1000
4/30/26 18:00	2.1	52	8.8	999
4/30/26 19:00	2.6	94	8.9	999
4/30/26 20:00	3.0	134	8.8	999
4/30/26 21:00	1.8	136	8.0	999
4/30/26 22:00	1.6	148	8.0	999
4/30/26 23:00	1.5	300	7.9	998
5/1/26 0:00	1.5	300	7.9	998
5/1/26 1:00	1.5	ND	7.9	997
5/1/26 2:00	2.3	298	7.9	997
5/1/26 3:00	3.1	312	7.9	997
5/1/26 4:00	2.4	294	7.9	997
5/1/26 5:00	3.3	300	7.9	998
5/1/26 6:00	3.4	301	7.8	998

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/1/26 7:00	3.2	313	7.6	999
5/1/26 8:00	4.4	306	8.2	999
5/1/26 9:00	4.7	314	9.9	999
5/1/26 10:00	4.6	313	11.3	999
5/1/26 11:00	4.4	293	12.2	999
5/1/26 12:00	5.4	294	13.2	999
5/1/26 13:00	4.7	297	13.4	999
5/1/26 14:00	4.9	301	14.0	999
5/1/26 15:00	5.2	319	14.2	999
5/1/26 16:00	4.7	323	14.0	999
5/1/26 17:00	6.0	334	13.7	1000
5/1/26 18:00	6.9	330	12.4	1001
5/1/26 19:00	5.4	340	10.3	1001
5/1/26 20:00	5.0	338	8.3	1003
5/1/26 21:00	4.0	331	6.7	1004
5/1/26 22:00	2.2	328	4.9	1004
5/1/26 23:00	ND	ND	2.9	1004
5/2/26 0:00	1.5	220	2.1	1005
5/2/26 1:00	1.3	ND	0.7	1005
5/2/26 2:00	1.8	245	0.2	1005
5/2/26 3:00	ND	ND	0.4	1005
5/2/26 4:00	1.9	216	0.0	1006
5/2/26 5:00	ND	ND	0.0	1006
5/2/26 6:00	ND	ND	2.0	1006
5/2/26 7:00	ND	ND	4.2	1007
5/2/26 8:00	1.9	251	6.2	1007
5/2/26 9:00	2.4	305	6.9	1007
5/2/26 10:00	1.6	296	7.0	1008
5/2/26 11:00	1.5	51	7.2	1007
5/2/26 12:00	2.6	172	7.1	1007
5/2/26 13:00	3.5	148	6.9	1006
5/2/26 14:00	2.2	138	7.0	1006
5/2/26 15:00	3.7	155	7.8	1005
5/2/26 16:00	4.4	153	8.0	1005
5/2/26 17:00	3.3	160	7.9	1005
5/2/26 18:00	2.2	156	7.9	1005
5/2/26 19:00	2.1	129	7.9	1005
5/2/26 20:00	2.0	134	7.1	1005
5/2/26 21:00	1.2	156	6.9	1005
5/2/26 22:00	2.2	139	6.9	1004
5/2/26 23:00	1.9	113	6.7	1004
5/3/26 0:00	2.1	138	6.2	1003
5/3/26 1:00	1.5	123	6.0	1002
5/3/26 2:00	1.5	53	6.0	1002
5/3/26 3:00	1.2	47	5.9	1001
5/3/26 4:00	2.1	18	5.8	1001
5/3/26 5:00	2.4	24	5.9	1000
5/3/26 6:00	3.1	3	5.9	1000
5/3/26 7:00	3.9	358	5.9	1000

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/3/26 8:00	4.5	359	5.9	999
5/3/26 9:00	5.9	359	5.9	999
5/3/26 10:00	6.3	353	5.9	998
5/3/26 11:00	6.2	349	5.9	997
5/3/26 12:00	6.9	348	5.2	997
5/3/26 13:00	6.0	2	5.2	997
5/3/26 14:00	5.8	350	6.0	996
5/3/26 15:00	5.7	342	6.4	996
5/3/26 16:00	6.9	337	7.2	995
5/3/26 17:00	6.6	344	8.0	995
5/3/26 18:00	4.8	342	8.0	995
5/3/26 19:00	2.3	303	7.8	995
5/3/26 20:00	5.4	302	7.4	996
5/3/26 21:00	3.9	298	6.4	997
5/3/26 22:00	3.2	285	5.7	997
5/3/26 23:00	2.7	285	4.9	998
5/4/26 0:00	3.4	274	4.1	998
5/4/26 1:00	2.6	277	3.9	998
5/4/26 2:00	2.2	250	3.1	999
5/4/26 3:00	3.3	249	2.9	999
5/4/26 4:00	2.4	255	2.2	999
5/4/26 5:00	1.6	235	1.1	999
5/4/26 6:00	2.1	245	3.9	1000
5/4/26 7:00	2.7	261	7.3	1000
5/4/26 8:00	3.5	264	9.9	1000
5/4/26 9:00	4.3	261	11.9	999
5/4/26 10:00	4.6	252	12.6	999
5/4/26 11:00	4.8	240	13.4	998
5/4/26 12:00	4.6	221	13.1	997
5/4/26 13:00	4.5	237	12.9	998
5/4/26 14:00	6.1	247	13.9	998
5/4/26 15:00	5.2	247	15.7	997
5/4/26 16:00	5.8	270	15.9	998
5/4/26 17:00	4.5	272	15.8	998
5/4/26 18:00	2.2	297	15.0	998
5/4/26 19:00	1.8	138	12.8	999
5/4/26 20:00	1.5	150	10.9	999
5/4/26 21:00	2.7	146	10.7	1000
5/4/26 22:00	1.8	154	8.8	1000
5/4/26 23:00	0.9	187	7.7	1000
5/5/26 0:00	1.9	174	7.3	1000
5/5/26 1:00	1.5	194	6.3	1001
5/5/26 2:00	3.4	184	7.8	1000
5/5/26 3:00	3.3	179	8.0	1001
5/5/26 4:00	3.6	188	8.0	1001
5/5/26 5:00	3.6	187	8.5	1000
5/5/26 6:00	4.2	186	9.8	1001
5/5/26 7:00	4.8	187	11.7	1001
5/5/26 8:00	4.6	189	14.0	1001

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/5/26 9:00	5.4	185	16.5	1000
5/5/26 10:00	6.6	182	17.5	1000
5/5/26 11:00	7.7	182	17.7	1000
5/5/26 12:00	7.8	181	18.3	999
5/5/26 13:00	8.0	173	18.9	998
5/5/26 14:00	8.7	178	18.8	997
5/5/26 15:00	9.6	175	18.3	997
5/5/26 16:00	9.1	178	18.0	997
5/5/26 17:00	7.2	182	17.1	997
5/5/26 18:00	8.2	180	15.6	997
5/5/26 19:00	4.9	187	14.2	999
5/5/26 20:00	2.9	164	14.0	1000
5/5/26 21:00	4.3	161	13.4	1000
5/5/26 22:00	5.5	181	12.9	1001
5/5/26 23:00	3.5	178	12.8	1001
5/6/26 0:00	3.8	168	11.9	1001
5/6/26 1:00	3.9	178	11.3	1001
5/6/26 2:00	5.0	177	10.9	1001
5/6/26 3:00	3.3	189	10.9	1002
5/6/26 4:00	2.9	176	10.8	1003
5/6/26 5:00	3.4	150	10.1	1003
5/6/26 6:00	2.3	177	10.9	1003
5/6/26 7:00	2.6	159	11.6	1003
5/6/26 8:00	3.7	153	12.9	1003
5/6/26 9:00	3.4	156	14.3	1002
5/6/26 10:00	5.4	158	15.1	1002
5/6/26 11:00	5.0	167	14.2	1002
5/6/26 12:00	6.5	177	13.9	1002
5/6/26 13:00	5.8	175	13.9	1001
5/6/26 14:00	6.8	170	13.8	1000
5/6/26 15:00	6.4	172	12.7	1000
5/6/26 16:00	5.8	167	11.9	1000
5/6/26 17:00	6.2	171	11.6	999
5/6/26 18:00	6.2	174	11.3	999
5/6/26 19:00	7.4	178	11.0	999
5/6/26 20:00	6.5	175	11.0	998
5/6/26 21:00	6.6	170	11.4	997
5/6/26 22:00	6.6	178	11.0	996
5/6/26 23:00	5.8	185	10.9	996
5/7/26 0:00	3.8	270	10.7	996
5/7/26 1:00	4.3	307	9.1	997
5/7/26 2:00	4.7	309	8.8	997
5/7/26 3:00	4.2	306	8.0	997
5/7/26 4:00	2.5	295	7.8	997
5/7/26 5:00	2.9	280	7.0	998
5/7/26 6:00	3.0	300	7.7	998
5/7/26 7:00	2.7	292	8.6	999
5/7/26 8:00	4.6	315	10.4	998
5/7/26 9:00	2.9	312	11.5	998

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/7/26 10:00	2.3	353	12.8	998
5/7/26 11:00	1.8	356	13.7	997
5/7/26 12:00	2.7	282	14.7	997
5/7/26 13:00	3.8	257	16.0	996
5/7/26 14:00	4.9	239	16.6	995
5/7/26 15:00	4.5	234	16.3	995
5/7/26 16:00	4.0	283	15.9	995
5/7/26 17:00	4.2	296	16.0	996
5/7/26 18:00	7.0	311	14.7	996
5/7/26 19:00	5.9	307	12.0	998
5/7/26 20:00	4.2	316	9.5	999
5/7/26 21:00	2.7	302	8.4	999
5/7/26 22:00	2.2	285	7.3	999
5/7/26 23:00	1.7	238	6.4	999
5/8/26 0:00	2.7	293	6.0	999
5/8/26 1:00	2.7	275	5.9	998
5/8/26 2:00	2.5	266	5.6	998
5/8/26 3:00	1.9	263	4.4	998
5/8/26 4:00	1.6	246	3.5	998
5/8/26 5:00	1.5	70	1.5	998
5/8/26 6:00	2.3	263	4.2	999
5/8/26 7:00	3.7	274	6.6	1000
5/8/26 8:00	4.6	300	8.1	1000
5/8/26 9:00	3.7	306	9.7	1000
5/8/26 10:00	4.7	305	11.2	999
5/8/26 11:00	5.1	325	11.6	999
5/8/26 12:00	3.7	343	11.2	999
5/8/26 13:00	3.9	325	12.2	999
5/8/26 14:00	5.6	313	13.0	999
5/8/26 15:00	4.4	298	13.0	999
5/8/26 16:00	4.8	277	13.0	999
5/8/26 17:00	4.2	259	12.4	1000
5/8/26 18:00	3.9	268	11.3	1001
5/8/26 19:00	3.2	295	10.9	1002
5/8/26 20:00	2.0	292	9.3	1002
5/8/26 21:00	1.3	248	8.0	1003
5/8/26 22:00	2.0	255	6.6	1004
5/8/26 23:00	2.3	254	6.0	1004
5/9/26 0:00	1.9	250	4.6	1005
5/9/26 1:00	2.2	246	3.6	1005
5/9/26 2:00	1.3	232	2.0	1006
5/9/26 3:00	1.0	225	1.2	1006
5/9/26 4:00	1.5	170	0.5	1006
5/9/26 5:00	0.3	ND	0.3	1006
5/9/26 6:00	1.3	197	3.2	1007
5/9/26 7:00	3.1	186	6.8	1008
5/9/26 8:00	3.5	191	10.0	1008
5/9/26 9:00	4.3	181	12.5	1008
5/9/26 10:00	5.0	167	13.6	1008

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/9/26 11:00	5.6	170	14.4	1008
5/9/26 12:00	6.1	184	15.1	1007
5/9/26 13:00	7.5	189	14.4	1007
5/9/26 14:00	7.5	185	13.4	1007
5/9/26 15:00	7.6	179	11.5	1008
5/9/26 16:00	6.6	184	9.3	1008
5/9/26 17:00	4.1	168	7.9	1008
5/9/26 18:00	4.1	148	7.1	1008
5/9/26 19:00	3.7	150	7.0	1008
5/9/26 20:00	3.1	131	6.9	1008
5/9/26 21:00	3.0	125	7.0	1008
5/9/26 22:00	1.7	115	7.0	1007
5/9/26 23:00	2.8	165	7.5	1006
5/10/26 0:00	6.1	169	8.9	1006
5/10/26 1:00	4.5	168	8.9	1006
5/10/26 2:00	4.9	173	9.0	1006
5/10/26 3:00	3.4	173	9.2	1006
5/10/26 4:00	3.0	160	9.9	1005
5/10/26 5:00	3.8	152	10.3	1005
5/10/26 6:00	5.2	174	10.8	1005
5/10/26 7:00	4.6	175	10.4	1005
5/10/26 8:00	4.6	176	10.5	1005
5/10/26 9:00	4.8	185	10.7	1006
5/10/26 10:00	4.6	188	11.9	1006
5/10/26 11:00	4.6	184	12.8	1006
5/10/26 12:00	4.5	176	13.4	1006
5/10/26 13:00	4.5	165	15.1	1005
5/10/26 14:00	5.9	174	16.3	1004
5/10/26 15:00	6.3	187	16.8	1004
5/10/26 16:00	4.8	170	16.7	1004
5/10/26 17:00	5.0	175	15.8	1004
5/10/26 18:00	5.9	175	13.2	1004
5/10/26 19:00	4.5	173	12.3	1005
5/10/26 20:00	2.8	178	11.5	1006
5/10/26 21:00	2.1	213	10.9	1006
5/10/26 22:00	2.1	186	10.8	1007
5/10/26 23:00	ND	ND	10.9	1007
5/11/26 0:00	1.5	320	10.2	1008
5/11/26 1:00	1.4	304	8.9	1008
5/11/26 2:00	1.6	306	7.7	1008
5/11/26 3:00	ND	ND	5.5	1008
5/11/26 4:00	1.9	315	5.0	1008
5/11/26 5:00	2.4	272	5.5	1009
5/11/26 6:00	1.7	276	7.9	1009
5/11/26 7:00	3.1	304	9.6	1010
5/11/26 8:00	3.4	309	11.1	1010
5/11/26 9:00	2.7	319	12.2	1010
5/11/26 10:00	3.3	323	13.5	1010
5/11/26 11:00	3.4	318	14.4	1009

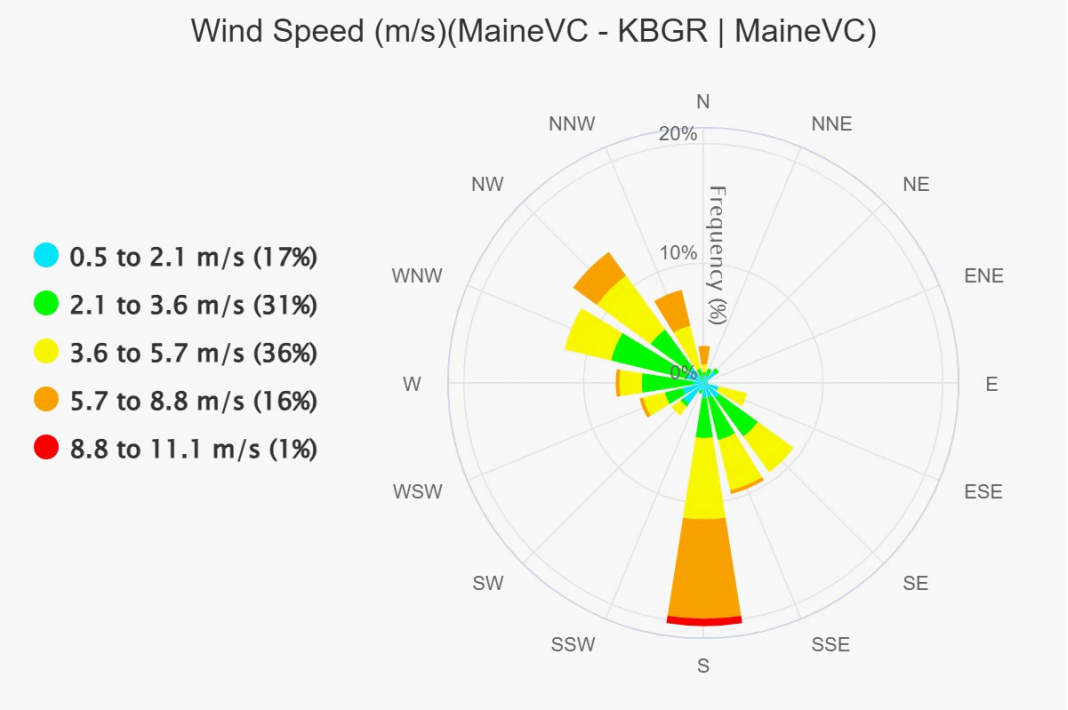
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

5/11/26 12:00	3.2	272	14.4	1008
5/11/26 13:00	3.8	294	15.7	1008
5/11/26 14:00	3.9	293	14.5	1008
5/11/26 15:00	4.4	306	14.2	1008
5/11/26 16:00	6.3	317	13.4	1008
5/11/26 17:00	6.1	319	13.0	1008
5/11/26 18:00	4.9	323	12.4	1009
5/11/26 19:00	3.2	325	11.4	1009
5/11/26 20:00	2.6	310	10.6	1009
5/11/26 21:00	2.1	306	8.9	1010
5/11/26 22:00	3.6	312	8.1	1010
5/11/26 23:00	4.1	320	7.4	1010
5/12/26 0:00	4.3	332	6.0	1010
5/12/26 1:00	4.1	340	5.0	1010
5/12/26 2:00	4.2	339	4.8	1010
5/12/26 3:00	2.6	331	3.3	1010
5/12/26 4:00	2.1	328	2.0	1010
5/12/26 5:00	1.5	305	1.5	1011
5/12/26 6:00	3.1	316	4.6	1011
5/12/26 7:00	4.3	334	7.0	1011
5/12/26 8:00	3.7	342	8.7	1011
5/12/26 9:00	6.1	330	10.3	1011
5/12/26 10:00	6.5	333	10.8	1010
5/12/26 11:00	7.8	326	11.4	1010
5/12/26 12:00	6.9	319	11.6	1009
5/12/26 13:00	5.6	313	12.0	1009
5/12/26 14:00	6.5	321	12.5	1008
5/12/26 15:00	7.1	319	12.5	1008
5/12/26 16:00	7.0	334	12.0	1008
5/12/26 17:00	6.2	328	12.0	1009
5/12/26 18:00	6.4	328	11.1	1009
5/12/26 19:00	5.0	328	10.6	1010
5/12/26 20:00	2.4	303	10.0	1010
5/12/26 21:00	2.2	292	9.0	1011
5/12/26 22:00	2.4	302	9.0	1011
5/12/26 23:00	2.4	310	8.5	1011
5/13/26 0:00	2.0	290	7.0	1011
5/13/26 1:00	2.3	287	5.7	1011
5/13/26 2:00	2.8	274	5.5	1011
5/13/26 3:00	2.4	273	4.0	1011
5/13/26 4:00	2.1	263	1.9	1011
5/13/26 5:00	ND	ND	2.1	1012
5/13/26 6:00	ND	ND	3.9	1012
5/13/26 7:00	ND	ND	6.7	1012
5/13/26 8:00	1.5	45	8.9	1012
5/13/26 9:00	1.8	46	10.9	1012
5/13/26 10:00	2.1	5	11.9	1011
5/13/26 11:00	2.0	129	13.0	1011

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (4/29/26 10:00 to 5/13/26 11:00)

BGR Wind Rose 4/29/26 10:00 - 5/13/26 11:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
5/13/26 11:00	2.0	129	13.0	1011
5/13/26 12:00	4.0	172	13.1	1010
5/13/26 13:00	7.0	191	12.4	1010
5/13/26 14:00	6.9	191	11.6	1010
5/13/26 15:00	5.7	179	10.9	1009
5/13/26 16:00	4.2	155	8.5	1009
5/13/26 17:00	3.0	147	8.0	1009
5/13/26 18:00	2.3	110	7.2	1009
5/13/26 19:00	2.0	86	7.5	1008
5/13/26 20:00	2.5	114	7.9	1009
5/13/26 21:00	3.6	140	7.9	1008
5/13/26 22:00	2.8	152	7.9	1008
5/13/26 23:00	3.6	162	8.0	1008
5/14/26 0:00	3.7	162	8.0	1008
5/14/26 1:00	3.8	162	8.1	1007
5/14/26 2:00	3.5	158	8.0	1007
5/14/26 3:00	3.3	166	8.0	1006
5/14/26 4:00	2.9	167	8.1	1007
5/14/26 5:00	2.9	157	8.9	1007
5/14/26 6:00	3.1	146	9.1	1007
5/14/26 7:00	3.4	145	10.3	1007
5/14/26 8:00	4.2	142	11.9	1007
5/14/26 9:00	4.3	144	13.6	1007
5/14/26 10:00	4.7	132	15.7	1007
5/14/26 11:00	6.2	148	16.5	1006
5/14/26 12:00	5.7	143	17.5	1006
5/14/26 13:00	5.9	134	17.3	1005
5/14/26 14:00	5.3	145	17.2	1005
5/14/26 15:00	6.7	118	16.7	1004
5/14/26 16:00	8.1	120	16.0	1004
5/14/26 17:00	6.6	136	14.8	1004
5/14/26 18:00	4.7	118	12.9	1004
5/14/26 19:00	5.6	97	12.2	1003
5/14/26 20:00	4.0	55	12.2	1003
5/14/26 21:00	3.8	49	13.6	1003
5/14/26 22:00	3.4	55	13.9	1003
5/14/26 23:00	3.5	57	13.9	1003
5/15/26 0:00	4.1	50	12.9	1003
5/15/26 1:00	3.5	67	12.9	1003
5/15/26 2:00	3.2	72	12.7	1003
5/15/26 3:00	5.0	77	11.9	1003
5/15/26 4:00	3.5	62	11.0	1003
5/15/26 5:00	2.9	30	11.0	1003
5/15/26 6:00	3.4	26	11.0	1004
5/15/26 7:00	3.4	26	11.9	1004

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/15/26 8:00	3.9	29	12.5	1005
5/15/26 9:00	4.2	52	13.2	1005
5/15/26 10:00	3.9	55	14.1	1005
5/15/26 11:00	4.0	63	14.9	1005
5/15/26 12:00	2.1	57	15.8	1005
5/15/26 13:00	1.9	356	16.6	1005
5/15/26 14:00	1.9	340	17.0	1004
5/15/26 15:00	2.1	10	17.6	1004
5/15/26 16:00	2.1	4	18.0	1004
5/15/26 17:00	2.3	35	17.8	1004
5/15/26 18:00	2.8	60	15.0	1005
5/15/26 19:00	2.7	262	13.1	1005
5/15/26 20:00	1.5	181	12.9	1005
5/15/26 21:00	1.8	190	11.9	1005
5/15/26 22:00	2.0	206	11.9	1006
5/15/26 23:00	1.7	191	11.9	1006
5/16/26 0:00	2.0	201	11.5	1006
5/16/26 1:00	2.0	198	10.8	1006
5/16/26 2:00	1.6	195	9.8	1006
5/16/26 3:00	1.7	202	9.2	1006
5/16/26 4:00	1.5	209	8.9	1005
5/16/26 5:00	1.5	220	9.0	1006
5/16/26 6:00	1.5	200	10.5	1007
5/16/26 7:00	2.1	238	12.9	1007
5/16/26 8:00	2.4	228	15.7	1007
5/16/26 9:00	3.6	258	18.2	1006
5/16/26 10:00	3.7	256	20.0	1006
5/16/26 11:00	4.0	265	21.7	1006
5/16/26 12:00	4.4	263	22.9	1005
5/16/26 13:00	5.0	265	23.4	1004
5/16/26 14:00	4.2	267	24.0	1003
5/16/26 15:00	4.7	213	24.1	1002
5/16/26 16:00	5.3	180	23.6	1001
5/16/26 17:00	4.8	178	22.2	1001
5/16/26 18:00	5.7	186	21.9	1002
5/16/26 19:00	6.2	188	20.4	1001
5/16/26 20:00	5.7	185	17.8	1002
5/16/26 21:00	4.6	188	16.0	1002
5/16/26 22:00	4.7	189	14.8	1001
5/16/26 23:00	3.7	197	13.9	1001
5/17/26 0:00	3.4	175	13.1	1001
5/17/26 1:00	3.4	190	13.0	1000
5/17/26 2:00	4.3	194	12.9	1000
5/17/26 3:00	3.1	189	12.9	1000
5/17/26 4:00	2.2	200	12.3	1000
5/17/26 5:00	1.6	293	11.9	1001
5/17/26 6:00	1.9	244	15.0	1002
5/17/26 7:00	2.1	234	17.7	1002
5/17/26 8:00	4.2	268	20.3	1002

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/17/26 9:00	5.0	283	22.2	1002
5/17/26 10:00	5.6	293	22.7	1003
5/17/26 11:00	7.3	294	24.0	1003
5/17/26 12:00	7.1	295	24.3	1004
5/17/26 13:00	8.3	302	24.8	1004
5/17/26 14:00	7.1	307	24.2	1004
5/17/26 15:00	8.1	307	24.4	1004
5/17/26 16:00	6.8	301	24.9	1005
5/17/26 17:00	7.8	306	24.0	1006
5/17/26 18:00	8.4	316	22.8	1007
5/17/26 19:00	7.5	331	21.0	1008
5/17/26 20:00	6.5	340	18.9	1009
5/17/26 21:00	4.3	343	17.4	1010
5/17/26 22:00	4.4	338	16.1	1011
5/17/26 23:00	3.0	332	14.6	1011
5/18/26 0:00	2.9	286	14.3	1012
5/18/26 1:00	2.0	298	12.2	1013
5/18/26 2:00	2.7	274	12.2	1013
5/18/26 3:00	2.3	303	11.5	1014
5/18/26 4:00	2.5	15	11.0	1015
5/18/26 5:00	1.7	1	9.0	1016
5/18/26 6:00	2.3	42	10.4	1016
5/18/26 7:00	2.5	58	12.5	1017
5/18/26 8:00	2.7	75	14.2	1018
5/18/26 9:00	2.1	144	15.0	1018
5/18/26 10:00	1.5	164	15.8	1018
5/18/26 11:00	2.2	162	16.6	1017
5/18/26 12:00	3.5	182	17.3	1016
5/18/26 13:00	5.1	179	16.8	1015
5/18/26 14:00	4.4	181	15.9	1015
5/18/26 15:00	5.7	176	15.3	1015
5/18/26 16:00	5.2	176	14.0	1015
5/18/26 17:00	5.1	161	14.0	1014
5/18/26 18:00	5.6	175	14.6	1014
5/18/26 19:00	4.3	175	13.7	1013
5/18/26 20:00	4.0	174	13.0	1013
5/18/26 21:00	2.2	183	11.9	1013
5/18/26 22:00	1.5	190	10.8	1013
5/18/26 23:00	1.7	165	10.1	1012
5/19/26 0:00	ND	ND	9.1	1011
5/19/26 1:00	ND	ND	8.6	1010
5/19/26 2:00	2.3	188	8.9	1010
5/19/26 3:00	1.8	190	8.9	1009
5/19/26 4:00	1.9	198	8.9	1008
5/19/26 5:00	2.1	220	9.0	1008
5/19/26 6:00	1.7	187	10.6	1008
5/19/26 7:00	1.9	175	13.1	1008
5/19/26 8:00	1.5	152	16.1	1007
5/19/26 9:00	2.2	199	19.9	1007

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/19/26 10:00	2.3	167	23.9	1006
5/19/26 11:00	2.5	130	28.2	1005
5/19/26 12:00	5.2	257	30.6	1004
5/19/26 13:00	3.5	244	29.1	1003
5/19/26 14:00	3.5	202	29.4	1003
5/19/26 15:00	4.9	181	26.8	1002
5/19/26 16:00	2.9	194	24.6	1003
5/19/26 17:00	2.7	188	26.3	1002
5/19/26 18:00	3.6	190	24.5	1002
5/19/26 19:00	3.0	199	23.2	1002
5/19/26 20:00	2.6	194	21.8	1003
5/19/26 21:00	3.2	194	21.2	1003
5/19/26 22:00	2.0	190	19.1	1003
5/19/26 23:00	2.0	184	18.3	1002
5/20/26 0:00	1.9	201	17.7	1002
5/20/26 1:00	1.6	201	16.7	1002
5/20/26 2:00	3.1	203	17.4	1001
5/20/26 3:00	2.7	190	17.3	1001
5/20/26 4:00	1.7	204	16.4	1000
5/20/26 5:00	2.0	193	17.0	1001
5/20/26 6:00	3.1	190	18.6	1001
5/20/26 7:00	2.4	200	21.3	1001
5/20/26 8:00	3.1	193	22.3	1000
5/20/26 9:00	3.3	217	24.7	1000
5/20/26 10:00	4.7	254	28.0	1000
5/20/26 11:00	4.4	255	29.3	1000
5/20/26 12:00	5.8	270	29.0	999
5/20/26 13:00	6.8	257	29.0	999
5/20/26 14:00	6.5	285	29.2	999
5/20/26 15:00	5.6	266	29.3	998
5/20/26 16:00	6.3	270	30.0	998
5/20/26 17:00	6.8	295	29.3	999
5/20/26 18:00	5.2	294	27.9	1000
5/20/26 19:00	5.8	307	25.3	1001
5/20/26 20:00	5.2	307	23.0	1003
5/20/26 21:00	6.2	310	22.0	1004
5/20/26 22:00	6.7	320	20.3	1005
5/20/26 23:00	7.9	334	17.5	1006
5/21/26 0:00	8.1	338	15.8	1008
5/21/26 1:00	5.6	327	13.8	1008
5/21/26 2:00	5.0	324	12.6	1009
5/21/26 3:00	6.6	325	11.9	1010
5/21/26 4:00	4.9	319	10.7	1011
5/21/26 5:00	4.3	326	9.5	1012
5/21/26 6:00	5.8	314	9.1	1013
5/21/26 7:00	5.9	313	10.3	1014
5/21/26 8:00	5.6	322	11.0	1014
5/21/26 9:00	5.1	325	11.8	1014
5/21/26 10:00	4.3	309	12.2	1014

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/21/26 11:00	5.2	320	12.9	1014
5/21/26 12:00	5.0	329	14.0	1014
5/21/26 13:00	5.8	339	15.5	1014
5/21/26 14:00	4.9	332	16.1	1014
5/21/26 15:00	4.6	338	16.6	1013
5/21/26 16:00	5.0	340	16.5	1014
5/21/26 17:00	5.9	345	16.3	1014
5/21/26 18:00	6.3	341	15.6	1015
5/21/26 19:00	5.4	340	13.5	1015
5/21/26 20:00	5.0	331	11.9	1016
5/21/26 21:00	4.5	321	9.9	1017
5/21/26 22:00	4.4	318	9.2	1018
5/21/26 23:00	3.6	305	8.9	1018
5/22/26 0:00	2.7	295	7.7	1019
5/22/26 1:00	2.2	336	5.9	1019
5/22/26 2:00	ND	ND	3.7	1019
5/22/26 3:00	1.5	ND	3.2	1020
5/22/26 4:00	ND	ND	1.7	1020
5/22/26 5:00	1.5	325	2.4	1021
5/22/26 6:00	3.1	319	5.6	1022
5/22/26 7:00	4.2	328	8.3	1022
5/22/26 8:00	3.9	335	10.5	1022
5/22/26 9:00	4.6	342	11.8	1022
5/22/26 10:00	4.6	324	13.1	1021
5/22/26 11:00	6.4	325	15.1	1021
5/22/26 12:00	5.8	314	16.5	1020
5/22/26 13:00	5.1	323	17.9	1019
5/22/26 14:00	4.9	321	19.0	1018
5/22/26 15:00	5.4	322	19.3	1018
5/22/26 16:00	5.9	338	19.6	1017
5/22/26 17:00	6.1	330	19.1	1018
5/22/26 18:00	5.5	335	18.7	1018
5/22/26 19:00	4.9	336	17.2	1019
5/22/26 20:00	2.2	304	14.6	1020
5/22/26 21:00	2.1	296	12.3	1020
5/22/26 22:00	1.7	301	9.3	1021
5/22/26 23:00	ND	ND	8.4	1021
5/23/26 0:00	ND	ND	6.8	1022
5/23/26 1:00	ND	ND	6.1	1023
5/23/26 2:00	1.0	250	4.6	1023
5/23/26 3:00	ND	ND	3.8	1024
5/23/26 4:00	ND	ND	3.0	1024
5/23/26 5:00	ND	ND	3.0	1025
5/23/26 6:00	ND	ND	6.9	1026
5/23/26 7:00	2.1	353	10.9	1027
5/23/26 8:00	2.0	12	12.9	1027
5/23/26 9:00	1.9	36	14.9	1027
5/23/26 10:00	2.6	357	16.2	1027
5/23/26 11:00	2.5	8	17.0	1027

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/23/26 12:00	2.7	345	17.8	1026
5/23/26 13:00	2.4	327	18.3	1026
5/23/26 14:00	2.0	305	18.9	1026
5/23/26 15:00	1.9	327	18.9	1025
5/23/26 16:00	4.9	170	18.0	1025
5/23/26 17:00	6.5	189	15.3	1025
5/23/26 18:00	4.8	186	13.9	1026
5/23/26 19:00	3.9	176	12.6	1026
5/23/26 20:00	2.7	175	11.5	1026
5/23/26 21:00	2.0	177	10.5	1027
5/23/26 22:00	1.8	182	9.5	1027
5/23/26 23:00	2.2	185	8.9	1027
5/24/26 0:00	1.9	181	8.2	1027
5/24/26 1:00	1.7	194	7.5	1027
5/24/26 2:00	1.8	183	7.2	1027
5/24/26 3:00	1.9	183	6.9	1027
5/24/26 4:00	1.5	200	6.9	1027
5/24/26 5:00	1.5	190	6.7	1027
5/24/26 6:00	2.2	186	7.5	1028
5/24/26 7:00	1.8	193	9.4	1028
5/24/26 8:00	2.5	181	10.9	1028
5/24/26 9:00	2.9	169	11.5	1028
5/24/26 10:00	3.9	186	13.3	1028
5/24/26 11:00	3.8	187	14.0	1028
5/24/26 12:00	3.6	190	14.0	1028
5/24/26 13:00	3.6	198	14.0	1027
5/24/26 14:00	4.0	161	14.6	1026
5/24/26 15:00	5.7	177	15.6	1025
5/24/26 16:00	6.1	193	15.2	1025
5/24/26 17:00	4.8	186	13.4	1025
5/24/26 18:00	4.7	162	12.8	1024
5/24/26 19:00	2.8	151	11.3	1024
5/24/26 20:00	2.6	162	9.8	1024
5/24/26 21:00	1.5	114	7.8	1024
5/24/26 22:00	1.5	107	8.0	1023
5/24/26 23:00	1.6	107	8.0	1022
5/25/26 0:00	1.9	104	8.1	1021
5/25/26 1:00	1.5	117	8.4	1020
5/25/26 2:00	2.1	109	8.9	1019
5/25/26 3:00	2.7	115	9.0	1018
5/25/26 4:00	3.6	110	9.3	1016
5/25/26 5:00	3.0	125	10.2	1016
5/25/26 6:00	4.3	139	11.0	1014
5/25/26 7:00	4.3	131	11.3	1013
5/25/26 8:00	4.0	131	11.8	1012
5/25/26 9:00	5.0	148	12.0	1010
5/25/26 10:00	2.5	182	12.0	1009
5/25/26 11:00	2.0	220	11.9	1009
5/25/26 12:00	1.3	239	12.0	1007

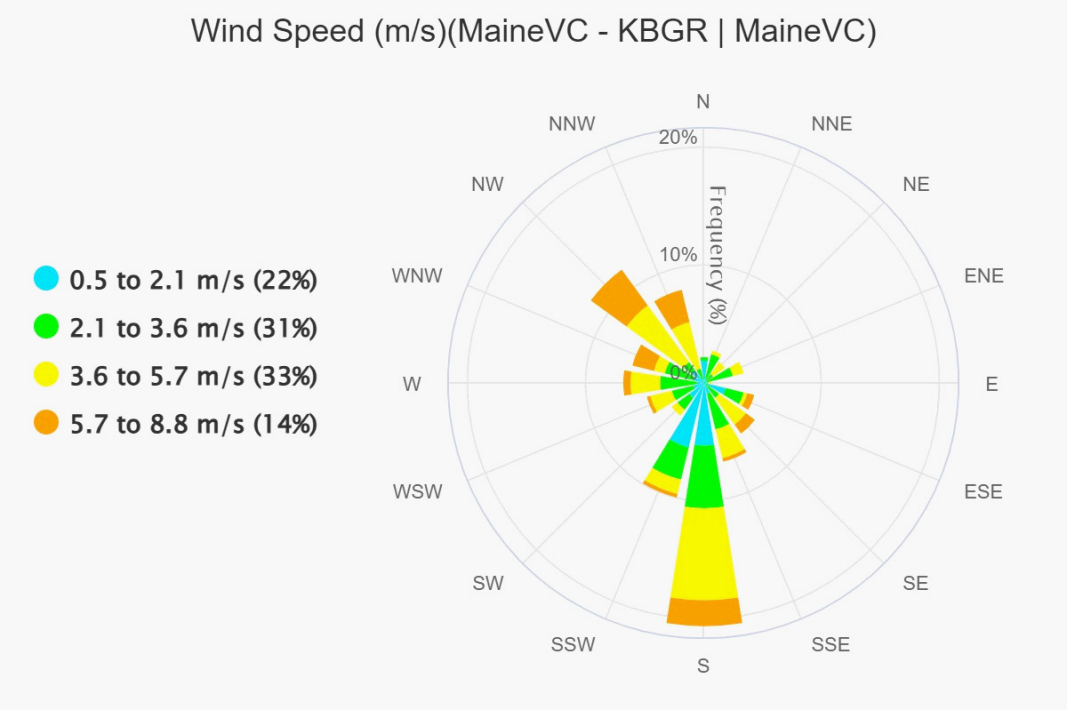
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

5/25/26 13:00	1.9	295	13.4	1007
5/25/26 14:00	3.9	314	14.8	1006
5/25/26 15:00	4.1	319	16.4	1006
5/25/26 16:00	4.5	318	17.7	1005
5/25/26 17:00	3.4	311	18.4	1005
5/25/26 18:00	2.3	298	18.6	1005
5/25/26 19:00	2.0	283	17.5	1006
5/25/26 20:00	2.5	297	17.1	1007
5/25/26 21:00	3.0	297	16.7	1007
5/25/26 22:00	2.7	295	15.3	1008
5/25/26 23:00	2.3	268	14.1	1008
5/26/26 0:00	1.9	250	13.1	1008
5/26/26 1:00	1.9	263	12.8	1008
5/26/26 2:00	2.1	265	12.0	1008
5/26/26 3:00	2.5	250	12.0	1008
5/26/26 4:00	2.9	262	12.4	1008
5/26/26 5:00	3.3	261	12.3	1009
5/26/26 6:00	2.1	263	13.7	1009
5/26/26 7:00	3.0	270	16.6	1009
5/26/26 8:00	3.0	267	18.4	1009
5/26/26 9:00	3.9	272	20.6	1009
5/26/26 10:00	3.3	256	22.2	1008
5/26/26 11:00	3.3	267	23.4	1008
5/26/26 12:00	3.8	271	24.2	1007
5/26/26 13:00	3.3	263	25.8	1006
5/26/26 14:00	4.2	243	26.3	1005
5/26/26 15:00	4.6	229	26.9	1004
5/26/26 16:00	5.1	189	26.1	1003
5/26/26 17:00	6.1	171	24.0	1002
5/26/26 18:00	6.6	188	23.5	1002
5/26/26 19:00	5.0	187	22.2	1002
5/26/26 20:00	3.8	183	19.5	1002
5/26/26 21:00	3.8	189	18.0	1002
5/26/26 22:00	2.7	189	17.1	1002
5/26/26 23:00	3.7	183	16.9	1001
5/27/26 0:00	2.4	185	16.9	1001
5/27/26 1:00	1.7	184	15.8	1001
5/27/26 2:00	1.5	190	14.8	1000
5/27/26 3:00	1.5	350	14.5	1000
5/27/26 4:00	ND	ND	13.1	1000
5/27/26 5:00	1.5	200	13.2	1000
5/27/26 6:00	1.9	188	17.0	1000
5/27/26 7:00	2.0	192	19.2	1000
5/27/26 8:00	2.3	244	22.2	1001
5/27/26 9:00	2.4	243	23.8	1000

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (5/13/26 11:00 to 5/27/26 9:00)

BGR Wind Rose 5/13/26 11:00 - 5/27/26 9:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
5/27/26 10:00	2.0	242	25.1	999
5/27/26 11:00	3.1	275	25.6	999
5/27/26 12:00	3.7	277	26.7	998
5/27/26 13:00	3.7	275	26.4	997
5/27/26 14:00	3.8	294	26.0	997
5/27/26 15:00	4.1	310	25.9	997
5/27/26 16:00	7.6	334	25.6	997
5/27/26 17:00	7.7	344	24.7	998
5/27/26 18:00	7.4	338	22.8	999
5/27/26 19:00	6.6	334	21.0	1000
5/27/26 20:00	5.6	357	19.5	1000
5/27/26 21:00	5.7	5	18.3	1001
5/27/26 22:00	4.1	13	16.8	1001
5/27/26 23:00	3.5	8	15.3	1001
5/28/26 0:00	2.7	357	14.1	1001
5/28/26 1:00	3.1	3	13.8	1000
5/28/26 2:00	3.7	4	13.2	1001
5/28/26 3:00	3.3	8	12.5	1001
5/28/26 4:00	3.4	12	13.0	1001
5/28/26 5:00	3.4	8	12.9	1001
5/28/26 6:00	4.2	18	13.1	1001
5/28/26 7:00	4.3	17	14.0	1002
5/28/26 8:00	4.4	3	13.8	1002
5/28/26 9:00	4.9	19	13.9	1002
5/28/26 10:00	6.0	7	14.0	1002
5/28/26 11:00	6.9	3	14.8	1002
5/28/26 12:00	7.1	13	15.7	1002
5/28/26 13:00	6.9	1	15.7	1002
5/28/26 14:00	6.4	4	14.8	1002
5/28/26 15:00	7.0	13	14.0	1002
5/28/26 16:00	7.6	7	14.6	1002
5/28/26 17:00	7.1	15	13.2	1003
5/28/26 18:00	6.6	2	13.0	1003
5/28/26 19:00	5.7	2	12.2	1004
5/28/26 20:00	5.5	1	11.6	1004
5/28/26 21:00	4.9	357	11.0	1005
5/28/26 22:00	4.3	358	10.7	1004
5/28/26 23:00	3.6	338	9.7	1004
5/29/26 0:00	4.7	338	8.9	1004
5/29/26 1:00	3.3	329	7.2	1004
5/29/26 2:00	3.7	347	7.2	1004
5/29/26 3:00	4.1	337	7.9	1003
5/29/26 4:00	3.3	344	7.9	1004
5/29/26 5:00	3.2	325	7.6	1004
5/29/26 6:00	3.5	330	8.0	1004

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

5/29/26 7:00	4.0	344	8.5	1004
5/29/26 8:00	3.2	349	10.0	1004
5/29/26 9:00	3.4	356	10.9	1003
5/29/26 10:00	2.1	347	12.1	1003
5/29/26 11:00	3.3	13	13.2	1002
5/29/26 12:00	3.1	22	13.4	1002
5/29/26 13:00	2.6	39	13.6	1002
5/29/26 14:00	3.3	13	14.6	1002
5/29/26 15:00	3.2	4	15.6	1001
5/29/26 16:00	2.2	44	15.4	1001
5/29/26 17:00	3.3	47	14.7	1001
5/29/26 18:00	3.7	66	14.0	1001
5/29/26 19:00	3.4	81	13.5	1002
5/29/26 20:00	3.9	107	12.4	1002
5/29/26 21:00	3.0	111	11.9	1003
5/29/26 22:00	4.4	116	10.7	1004
5/29/26 23:00	5.5	105	9.1	1004
5/30/26 0:00	5.1	75	8.6	1005
5/30/26 1:00	6.2	66	7.4	1006
5/30/26 2:00	5.4	61	6.8	1006
5/30/26 3:00	5.8	46	4.7	1006
5/30/26 4:00	4.4	31	4.1	1006
5/30/26 5:00	4.5	32	4.2	1007
5/30/26 6:00	4.2	32	4.6	1008
5/30/26 7:00	4.2	42	5.0	1009
5/30/26 8:00	4.3	26	5.7	1009
5/30/26 9:00	5.8	26	6.8	1010
5/30/26 10:00	6.4	29	7.9	1010
5/30/26 11:00	5.5	24	8.6	1010
5/30/26 12:00	6.1	19	9.2	1011
5/30/26 13:00	6.9	27	10.5	1010
5/30/26 14:00	7.1	23	10.3	1011
5/30/26 15:00	6.9	31	11.3	1010
5/30/26 16:00	6.8	22	11.8	1010
5/30/26 17:00	5.5	28	11.9	1010
5/30/26 18:00	3.5	40	11.9	1010
5/30/26 19:00	1.8	90	10.9	1010
5/30/26 20:00	1.7	137	8.0	1010
5/30/26 21:00	0.0	ND	6.8	1010
5/30/26 22:00	ND	ND	5.8	1010
5/30/26 23:00	1.5	250	5.0	1009
5/31/26 0:00	1.5	247	4.2	1009
5/31/26 1:00	1.8	142	3.0	1008
5/31/26 2:00	ND	ND	3.0	1008
5/31/26 3:00	ND	ND	2.7	1007
5/31/26 4:00	ND	ND	1.6	1007
5/31/26 5:00	ND	ND	2.0	1007
5/31/26 6:00	1.5	10	4.4	1007
5/31/26 7:00	1.9	21	7.6	1007

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

5/31/26 8:00	1.8	61	9.4	1006
5/31/26 9:00	1.5	33	11.5	1006
5/31/26 10:00	2.1	344	13.6	1005
5/31/26 11:00	1.8	61	15.6	1005
5/31/26 12:00	2.2	298	17.3	1004
5/31/26 13:00	3.4	340	17.0	1003
5/31/26 14:00	3.0	279	16.7	1003
5/31/26 15:00	5.9	194	13.2	1003
5/31/26 16:00	5.7	186	10.9	1004
5/31/26 17:00	4.2	179	10.3	1004
5/31/26 18:00	4.4	191	9.4	1005
5/31/26 19:00	3.6	180	8.6	1005
5/31/26 20:00	2.5	180	7.9	1006
5/31/26 21:00	2.4	159	7.7	1006
5/31/26 22:00	2.0	162	7.0	1006
5/31/26 23:00	1.8	248	6.6	1007
6/1/26 0:00	ND	ND	5.7	1007
6/1/26 1:00	1.0	ND	5.7	1007
6/1/26 2:00	2.0	64	6.0	1008
6/1/26 3:00	1.5	ND	5.5	1008
6/1/26 4:00	ND	ND	3.6	1008
6/1/26 5:00	1.7	349	3.2	1009
6/1/26 6:00	2.9	11	6.3	1010
6/1/26 7:00	3.3	34	8.0	1010
6/1/26 8:00	4.3	27	10.3	1010
6/1/26 9:00	4.3	6	12.1	1010
6/1/26 10:00	3.1	27	13.6	1011
6/1/26 11:00	3.6	352	15.5	1011
6/1/26 12:00	4.3	2	16.2	1011
6/1/26 13:00	4.0	357	17.3	1010
6/1/26 14:00	3.5	9	18.1	1010
6/1/26 15:00	3.2	31	18.5	1010
6/1/26 16:00	2.3	5	18.8	1010
6/1/26 17:00	3.3	133	18.2	1010
6/1/26 18:00	5.9	184	14.2	1010
6/1/26 19:00	4.8	181	11.8	1011
6/1/26 20:00	4.0	181	10.2	1012
6/1/26 21:00	4.2	183	8.8	1012
6/1/26 22:00	3.4	197	8.0	1012
6/1/26 23:00	4.1	194	7.9	1012
6/2/26 0:00	3.7	198	7.9	1012
6/2/26 1:00	3.8	201	7.6	1012
6/2/26 2:00	3.6	199	7.0	1012
6/2/26 3:00	3.1	200	6.9	1012
6/2/26 4:00	2.0	198	6.5	1012
6/2/26 5:00	1.8	203	6.3	1011
6/2/26 6:00	1.6	212	7.2	1012
6/2/26 7:00	3.0	211	8.8	1011
6/2/26 8:00	2.5	229	13.8	1011

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

6/2/26 9:00	3.2	262	18.1	1010
6/2/26 10:00	4.1	285	18.9	1010
6/2/26 11:00	4.5	320	19.4	1010
6/2/26 12:00	4.8	320	20.6	1010
6/2/26 13:00	4.8	8	20.9	1010
6/2/26 14:00	5.5	13	20.9	1010
6/2/26 15:00	5.0	12	20.9	1010
6/2/26 16:00	3.9	356	20.6	1010
6/2/26 17:00	2.9	5	19.8	1011
6/2/26 18:00	2.9	359	18.9	1011
6/2/26 19:00	2.6	336	17.7	1012
6/2/26 20:00	1.5	319	16.3	1012
6/2/26 21:00	2.1	316	16.2	1012
6/2/26 22:00	2.2	318	15.7	1012
6/2/26 23:00	1.5	250	14.0	1012
6/3/26 0:00	1.5	240	12.8	1012
6/3/26 1:00	ND	ND	11.0	1012
6/3/26 2:00	ND	ND	8.7	1012
6/3/26 3:00	ND	ND	8.1	1012
6/3/26 4:00	ND	ND	7.8	1012
6/3/26 5:00	ND	ND	7.9	1013
6/3/26 6:00	ND	ND	11.1	1013
6/3/26 7:00	ND	ND	14.0	1014
6/3/26 8:00	1.0	128	17.3	1014
6/3/26 9:00	1.5	178	20.0	1014
6/3/26 10:00	2.8	193	22.1	1013
6/3/26 11:00	2.6	191	23.8	1013
6/3/26 12:00	1.6	124	25.2	1012
6/3/26 13:00	3.3	316	26.0	1012
6/3/26 14:00	4.4	206	25.6	1011
6/3/26 15:00	6.7	193	23.9	1011
6/3/26 16:00	7.0	195	21.7	1011
6/3/26 17:00	6.5	191	19.7	1011
6/3/26 18:00	6.4	184	18.1	1011
6/3/26 19:00	5.2	172	16.2	1012
6/3/26 20:00	4.3	178	15.1	1012
6/3/26 21:00	3.2	177	13.9	1012
6/3/26 22:00	2.3	194	13.3	1012
6/3/26 23:00	2.7	188	12.6	1012
6/4/26 0:00	2.1	191	11.9	1012
6/4/26 1:00	2.3	196	11.9	1012
6/4/26 2:00	2.0	191	11.5	1011
6/4/26 3:00	1.7	194	10.9	1011
6/4/26 4:00	1.8	186	10.3	1011
6/4/26 5:00	0.3	ND	9.4	1011
6/4/26 6:00	1.6	191	12.4	1011
6/4/26 7:00	2.1	200	15.5	1011
6/4/26 8:00	2.2	197	19.2	1011
6/4/26 9:00	1.9	202	23.2	1011

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

6/4/26 10:00	2.3	214	26.2	1010
6/4/26 11:00	3.1	225	28.3	1009
6/4/26 12:00	5.0	247	29.0	1008
6/4/26 13:00	4.5	246	29.3	1008
6/4/26 14:00	6.1	197	29.3	1007
6/4/26 15:00	6.4	179	27.8	1006
6/4/26 16:00	6.4	173	26.4	1006
6/4/26 17:00	6.2	175	25.9	1005
6/4/26 18:00	5.0	181	24.2	1005
6/4/26 19:00	4.8	182	21.9	1005
6/4/26 20:00	3.7	189	18.9	1005
6/4/26 21:00	3.4	195	17.3	1006
6/4/26 22:00	2.4	205	16.4	1006
6/4/26 23:00	1.3	212	14.7	1005
6/5/26 0:00	1.6	197	13.1	1005
6/5/26 1:00	2	200	12.8	1005
6/5/26 2:00	1.5	200	12.0	1005
6/5/26 3:00	2	10	11.6	1005
6/5/26 4:00	ND	ND	11.6	1005
6/5/26 5:00	1.9	330	12.5	1006
6/5/26 6:00	2.9	342	16.2	1006
6/5/26 7:00	3.8	15	18.2	1007
6/5/26 8:00	4.4	20	20.1	1006
6/5/26 9:00	4.1	9	21.5	1006
6/5/26 10:00	3.6	359	22.9	1006
6/5/26 11:00	3.8	353	23.8	1006
6/5/26 12:00	2.2	357	24.9	1006
6/5/26 13:00	2.2	346	26.0	1006
6/5/26 14:00	1.4	337	26.9	1005
6/5/26 15:00	2.0	340	27.2	1005
6/5/26 16:00	2.2	330	27.2	1005
6/5/26 17:00	2.9	43	26.0	1005
6/5/26 18:00	4.4	188	22.6	1006
6/5/26 19:00	4.1	192	20.3	1006
6/5/26 20:00	3.7	191	18.7	1007
6/5/26 21:00	2.7	182	17.7	1008
6/5/26 22:00	2	221	17.1	1008
6/5/26 23:00	3	181	15.9	1008
6/6/26 0:00	ND	ND	15.6	1008
6/6/26 1:00	1.9	179	15.1	1007
6/6/26 2:00	2	163	14.1	1007
6/6/26 3:00	ND	ND	12.9	1007
6/6/26 4:00	ND	ND	12.9	1006
6/6/26 5:00	ND	ND	13.9	1006
6/6/26 6:00	2.0	137	14.9	1006
6/6/26 7:00	2.0	216	15.9	1007
6/6/26 8:00	2.3	163	16.1	1007
6/6/26 9:00	3.7	189	16.9	1007
6/6/26 10:00	3.8	181	16.9	1006

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

6/6/26 11:00	3.6	148	18.3	1006
6/6/26 12:00	4.6	137	18.9	1004
6/6/26 13:00	4.1	134	18.0	1004
6/6/26 14:00	4.2	130	17.7	1003
6/6/26 15:00	3.8	119	15.9	1003
6/6/26 16:00	4.2	106	14.7	1002
6/6/26 17:00	3.1	128	13.8	1002
6/6/26 18:00	3.5	140	12.9	1001
6/6/26 19:00	3.4	148	12.8	1000
6/6/26 20:00	3.1	149	12.0	999
6/6/26 21:00	2.1	136	12.0	998
6/6/26 22:00	1.6	135	11.9	998
6/6/26 23:00	1.6	125	11.9	997
6/7/26 0:00	2.0	107	11.9	996
6/7/26 1:00	1.9	94	11.9	995
6/7/26 2:00	1.5	300	11.9	995
6/7/26 3:00	1.7	310	11.9	994
6/7/26 4:00	1.5	70	12.0	994
6/7/26 5:00	1.5	135	12.0	994
6/7/26 6:00	1.5	170	12.9	994
6/7/26 7:00	ND	ND	12.9	994
6/7/26 8:00	1.5	290	13.0	995
6/7/26 9:00	2.9	337	13.6	996
6/7/26 10:00	3.8	331	14.3	996
6/7/26 11:00	4.3	349	14.9	997
6/7/26 12:00	5.0	351	15.6	997
6/7/26 13:00	5.5	339	15.2	998
6/7/26 14:00	5.0	343	15.3	999
6/7/26 15:00	8.4	1	14.3	1001
6/7/26 16:00	7.4	3	13.0	1002
6/7/26 17:00	6.2	355	13.1	1004
6/7/26 18:00	6.4	356	13.9	1005
6/7/26 19:00	3.9	2	14.4	1007
6/7/26 20:00	1.9	310	12.4	1007
6/7/26 21:00	2.6	325	11.2	1008
6/7/26 22:00	1.8	355	11.0	1009
6/7/26 23:00	2.2	349	10.3	1010
6/8/26 0:00	1.8	350	9.0	1010
6/8/26 1:00	1.5	20	8.2	1010
6/8/26 2:00	1.5	330	7.3	1011
6/8/26 3:00	1.5	188	6.4	1012
6/8/26 4:00	ND	ND	6.2	1013
6/8/26 5:00	1.5	220	6.8	1014
6/8/26 6:00	ND	ND	8.9	1015
6/8/26 7:00	1.5	323	12.7	1015
6/8/26 8:00	1.9	333	15.6	1015
6/8/26 9:00	3.9	2	18.5	1015
6/8/26 10:00	4.1	14	20.2	1015
6/8/26 11:00	3.6	9	21.6	1015

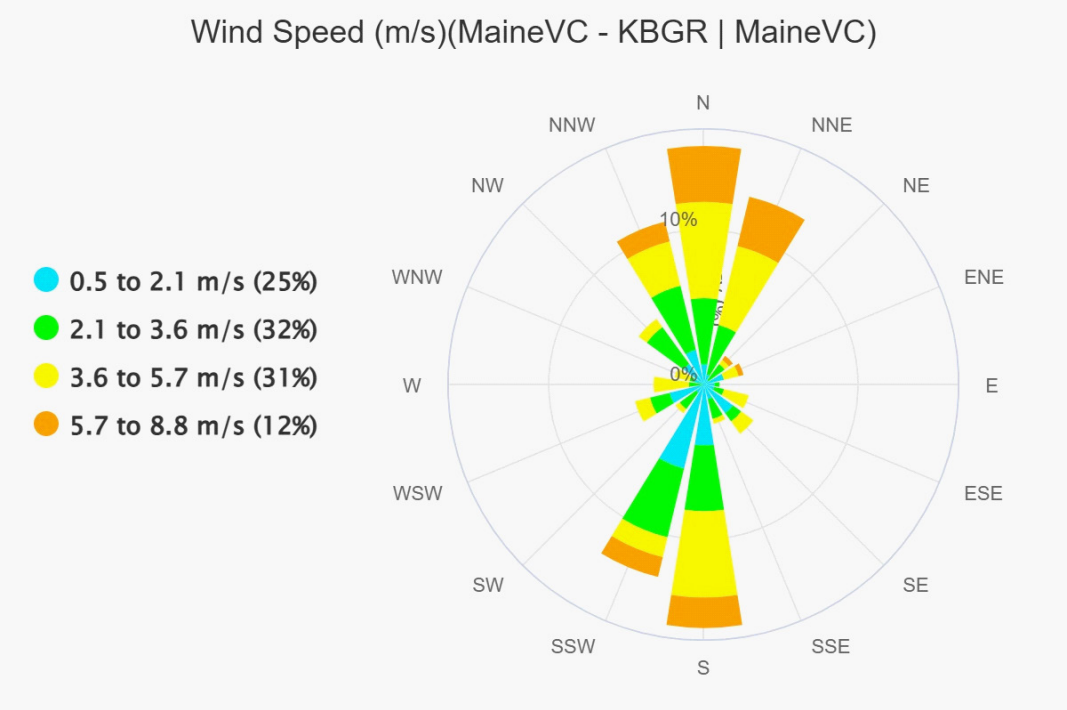
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

6/8/26 12:00	3.2	317	22.7	1014
6/8/26 13:00	3.4	337	23.9	1014
6/8/26 14:00	4.6	1	25.4	1013
6/8/26 15:00	4.1	337	25.9	1013
6/8/26 16:00	3.0	322	26.0	1013
6/8/26 17:00	3.3	319	25.9	1012
6/8/26 18:00	2.4	340	24.9	1012
6/8/26 19:00	4.5	180	21.6	1012
6/8/26 20:00	2.8	178	19.0	1013
6/8/26 21:00	2.7	181	17.4	1013
6/8/26 22:00	2.4	191	16.6	1013
6/8/26 23:00	2.5	198	15.6	1013
6/9/26 0:00	1.6	183	13.1	1013
6/9/26 1:00	1.6	197	12.7	1013
6/9/26 2:00	1.7	194	11.9	1012
6/9/26 3:00	1.5	205	10.7	1012
6/9/26 4:00	1.5	207	9.7	1012
6/9/26 5:00	1.5	192	11.0	1012
6/9/26 6:00	1.6	200	12.8	1012
6/9/26 7:00	2.0	214	16.0	1012
6/9/26 8:00	2.5	240	20.2	1011
6/9/26 9:00	3.1	254	22.9	1010
6/9/26 10:00	3.6	269	25.0	1010
6/9/26 11:00	3.8	263	26.6	1009
6/9/26 12:00	3.2	262	27.6	1009
6/9/26 13:00	4.2	277	28.8	1008
6/9/26 14:00	4.2	260	28.9	1007
6/9/26 15:00	4.0	262	29.3	1006
6/9/26 16:00	3.9	244	29.1	1006
6/9/26 17:00	2.9	237	28.7	1005
6/9/26 18:00	2.5	218	27.9	1005
6/9/26 19:00	2.9	183	25.8	1005
6/9/26 20:00	2.5	173	22.5	1005
6/9/26 21:00	2.3	178	20.4	1006
6/9/26 22:00	2.8	187	19.8	1006
6/9/26 23:00	1.8	196	17.8	1006
6/10/26 0:00	ND	ND	15.9	1006
6/10/26 1:00	1.5	190	14.4	1006
6/10/26 2:00	ND	ND	14.0	1005
6/10/26 3:00	ND	ND	13.3	1005
6/10/26 4:00	ND	ND	13.4	1005
6/10/26 5:00	1.5	184	14.1	1005
6/10/26 6:00	ND	ND	16.7	1005
6/10/26 7:00	1.6	189	19.3	1005
6/10/26 8:00	1.9	178	22.5	1005
6/10/26 9:00	1.7	255	25.1	1004
6/10/26 10:00	2.6	240	27.1	1004

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (5/27/26 10:00 to 6/10/26 10:00)

BGR Wind Rose 5/27/26 10:00 - 6/10/26 10:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

* Periods of missing wind speed and/or direction (ND) reflect intermittent source data gaps from the off site meteorological station and do not affect compliance with Maine Chapter 171 quarterly reporting requirements.

Date & Time	Wind Speed m/s	Wind Direction Deg.	Temperature °C	Barometric Pressure mb
6/10/26 11:00	3.7	250	28.4	1003
6/10/26 12:00	3.2	255	28.9	1003
6/10/26 13:00	3.5	243	28.9	1002
6/10/26 14:00	2.9	248	29.1	1002
6/10/26 15:00	4.4	194	29.1	1001
6/10/26 16:00	5.3	182	28.3	1001
6/10/26 17:00	5.1	185	27.3	1001
6/10/26 18:00	3.8	169	25.4	1001
6/10/26 19:00	3.0	178	23.6	1001
6/10/26 20:00	2.4	183	22.5	1001
6/10/26 21:00	2.8	198	21.8	1001
6/10/26 22:00	3.2	183	20.7	1001
6/10/26 23:00	2.2	191	18.9	1001
6/11/26 0:00	1.7	160	18.9	1000
6/11/26 1:00	2.1	182	18.2	1000
6/11/26 2:00	1.9	163	17.9	999
6/11/26 3:00	2.1	202	17.0	999
6/11/26 4:00	2.5	196	16.9	999
6/11/26 5:00	2.0	174	16.9	999
6/11/26 6:00	2.2	202	17.5	999
6/11/26 7:00	2.2	215	18.0	999
6/11/26 8:00	2.3	137	18.9	999
6/11/26 9:00	2.0	133	20.7	999
6/11/26 10:00	1.9	250	23.0	999
6/11/26 11:00	2.0	227	24.8	998
6/11/26 12:00	1.9	218	27.1	997
6/11/26 13:00	2.2	27	28.6	997
6/11/26 14:00	0.2	244	30.7	997
6/11/26 15:00	0.8	216	30.2	997
6/11/26 16:00	1.6	217	31.7	996
6/11/26 17:00	2.4	195	29.4	996
6/11/26 18:00	1.8	175	27.9	996
6/11/26 19:00	0.9	179	25.2	997
6/11/26 20:00	1.0	173	23.6	997
6/11/26 21:00	0.4	180	21.3	998
6/11/26 22:00	1.1	184	19.6	998
6/11/26 23:00	1.0	166	19.2	998
6/12/26 0:00	0.7	149	18.6	998
6/12/26 1:00	0.3	180	18.1	997
6/12/26 2:00	0.4	154	18.0	998
6/12/26 3:00	0.0	200	17.6	998
6/12/26 4:00	0.0	190	17.3	998
6/12/26 5:00	0.5	168	17.4	998
6/12/26 6:00	0.2	103	18.7	998
6/12/26 7:00	0.6	192	19.7	999

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/12/26 8:00	0.8	179	21.8	998
6/12/26 9:00	1.5	168	24.7	998
6/12/26 10:00	1.6	160	26.7	998
6/12/26 11:00	1.6	157	28.0	997
6/12/26 12:00	1.9	175	28.4	997
6/12/26 13:00	2.2	163	27.2	997
6/12/26 14:00	5.7	181	27.7	997
6/12/26 15:00	5.8	188	27.9	996
6/12/26 16:00	7.2	186	27.2	996
6/12/26 17:00	5.0	194	25.9	997
6/12/26 18:00	4.6	170	24.1	997
6/12/26 19:00	2.6	145	23.2	998
6/12/26 20:00	2.9	121	21.9	999
6/12/26 21:00	4.7	129	21.0	998
6/12/26 22:00	4.5	147	18.6	998
6/12/26 23:00	4.3	131	17.9	999
6/13/26 0:00	3.3	176	17.3	999
6/13/26 1:00	2.8	161	17.0	999
6/13/26 2:00	2.3	143	16.9	999
6/13/26 3:00	1.8	157	16.9	999
6/13/26 4:00	1.6	142	16.9	999
6/13/26 5:00	1.9	160	16.9	999
6/13/26 6:00	2.1	187	16.9	999
6/13/26 7:00	1.7	214	16.9	1000
6/13/26 8:00	1.7	273	17.7	1000
6/13/26 9:00	2.5	299	21.3	1000
6/13/26 10:00	3.1	298	23.8	1000
6/13/26 11:00	3.8	321	25.8	1000
6/13/26 12:00	3.6	316	26.9	1000
6/13/26 13:00	5.3	324	28.2	1000
6/13/26 14:00	4.5	327	28.5	1000
6/13/26 15:00	3.3	293	28.4	1000
6/13/26 16:00	2.8	282	28.5	999
6/13/26 17:00	2.4	300	28.7	999
6/13/26 18:00	3.0	247	27.1	999
6/13/26 19:00	4.1	186	23.7	1000
6/13/26 20:00	3.0	191	22.1	1001
6/13/26 21:00	3.1	186	19.4	1001
6/13/26 22:00	2.7	190	17.4	1002
6/13/26 23:00	3	186	16.6	1002
6/14/26 0:00	2.0	184	15.9	1002
6/14/26 1:00	2.1	183	15.7	1002
6/14/26 2:00	2.1	189	15.4	1002
6/14/26 3:00	2	186	15.0	1002
6/14/26 4:00	2	181	14.0	1002
6/14/26 5:00	2	185	14.3	1002
6/14/26 6:00	2	164	16.3	1002
6/14/26 7:00	2.9	177	18.6	1002
6/14/26 8:00	3.9	170	21.2	1002

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/14/26 9:00	3.5	194	23.6	1002
6/14/26 10:00	4.7	187	25.7	1002
6/14/26 11:00	6.5	189	26.8	1002
6/14/26 12:00	6.4	178	27.8	1001
6/14/26 13:00	7.9	177	27.4	1001
6/14/26 14:00	7.4	180	26.8	1000
6/14/26 15:00	6.4	174	24.6	1000
6/14/26 16:00	6.6	175	23.1	1000
6/14/26 17:00	3.3	200	21.8	1000
6/14/26 18:00	2.7	107	19.5	1000
6/14/26 19:00	3.0	150	19.6	999
6/14/26 20:00	4.0	165	19.9	999
6/14/26 21:00	3.7	156	19.1	998
6/14/26 22:00	4.7	170	18.4	998
6/14/26 23:00	2.9	161	17.9	997
6/15/26 0:00	5.4	162	17.9	996
6/15/26 1:00	5	167	17.9	996
6/15/26 2:00	5.0	168	18.0	996
6/15/26 3:00	5.4	171	18.1	995
6/15/26 4:00	5.7	174	17.9	995
6/15/26 5:00	5	176	17.5	995
6/15/26 6:00	3.8	159	16.9	995
6/15/26 7:00	3.4	152	16.9	994
6/15/26 8:00	3.4	142	16.9	994
6/15/26 9:00	2.6	194	16.6	994
6/15/26 10:00	1.5	20	17.0	994
6/15/26 11:00	1.7	284	18.0	994
6/15/26 12:00	2.8	330	19.6	994
6/15/26 13:00	3.0	328	21.4	994
6/15/26 14:00	4.4	353	22.7	994
6/15/26 15:00	3.8	338	23.5	993
6/15/26 16:00	4.3	320	23.6	993
6/15/26 17:00	3.2	313	23.3	994
6/15/26 18:00	2.7	307	22.7	994
6/15/26 19:00	2.2	314	21.9	994
6/15/26 20:00	2.0	302	19.3	995
6/15/26 21:00	4.5	308	18.7	996
6/15/26 22:00	3.6	311	18.3	997
6/15/26 23:00	2.8	304	17.8	997
6/16/26 0:00	2.5	303	17.6	997
6/16/26 1:00	3.2	287	16.9	997
6/16/26 2:00	3.0	298	16.9	997
6/16/26 3:00	2.5	294	15.6	997
6/16/26 4:00	3.7	287	15.9	998
6/16/26 5:00	3.9	296	15.8	998
6/16/26 6:00	4.3	303	15.1	999
6/16/26 7:00	4.6	309	16.2	999
6/16/26 8:00	5.6	312	17.7	999
6/16/26 9:00	6.4	324	19.0	999

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/16/26 10:00	5.2	308	20.0	999
6/16/26 11:00	4.4	305	21.2	999
6/16/26 12:00	4.9	309	21.5	999
6/16/26 13:00	4.7	298	21.7	999
6/16/26 14:00	4.7	308	22.6	999
6/16/26 15:00	4.1	313	23.2	998
6/16/26 16:00	3.8	326	23.6	998
6/16/26 17:00	3.2	316	23.6	998
6/16/26 18:00	2.9	316	23.3	998
6/16/26 19:00	1.7	288	20.4	999
6/16/26 20:00	1.8	260	18.5	1000
6/16/26 21:00	2.6	255	16.5	1001
6/16/26 22:00	1.5	155	15.0	1001
6/16/26 23:00	1.7	177	14.0	1001
6/17/26 0:00	ND	ND	12.8	1002
6/17/26 1:00	ND	ND	12.2	1002
6/17/26 2:00	ND	ND	11.2	1002
6/17/26 3:00	ND	ND	10.8	1002
6/17/26 4:00	2	225	11.2	1002
6/17/26 5:00	2	205	11.6	1002
6/17/26 6:00	2	360	13.6	1003
6/17/26 7:00	ND	ND	16.0	1003
6/17/26 8:00	2	360	18.8	1003
6/17/26 9:00	1.5	190	21.6	1003
6/17/26 10:00	2.4	144	23.4	1003
6/17/26 11:00	2.8	166	24.2	1003
6/17/26 12:00	2.5	165	24.4	1002
6/17/26 13:00	3.2	182	25.5	1002
6/17/26 14:00	3.5	194	25.9	1001
6/17/26 15:00	6.0	188	25.2	1001
6/17/26 16:00	6.7	181	24.2	1002
6/17/26 17:00	5.5	188	23.9	1001
6/17/26 18:00	5.2	186	22.7	1001
6/17/26 19:00	4.0	178	21.2	1002
6/17/26 20:00	2.8	174	18.7	1003
6/17/26 21:00	2.4	179	16.9	1003
6/17/26 22:00	2.0	172	15.6	1003
6/17/26 23:00	1.9	180	14.9	1003
6/18/26 0:00	2.0	181	14.0	1003
6/18/26 1:00	1.7	187	13.1	1003
6/18/26 2:00	1.5	150	11.8	1003
6/18/26 3:00	1.5	182	11.5	1003
6/18/26 4:00	2.3	164	12.9	1003
6/18/26 5:00	2.1	153	13.2	1003
6/18/26 6:00	2.4	162	14.1	1002
6/18/26 7:00	3.0	154	15.4	1003
6/18/26 8:00	4.6	177	15.6	1003
6/18/26 9:00	4.2	163	15.9	1002
6/18/26 10:00	3.5	152	15.9	1001

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/18/26 11:00	4.0	153	15.8	1001
6/18/26 12:00	4.1	149	14.8	1001
6/18/26 13:00	4.1	122	14.0	999
6/18/26 14:00	6.1	135	14.3	997
6/18/26 15:00	6.7	140	14.6	995
6/18/26 16:00	7.0	147	13.6	994
6/18/26 17:00	9.1	141	13.0	991
6/18/26 18:00	5.4	160	13.0	992
6/18/26 19:00	4.4	131	12.8	990
6/18/26 20:00	4.0	142	13.5	990
6/18/26 21:00	2.2	137	14.0	989
6/18/26 22:00	2.3	170	14.1	989
6/18/26 23:00	2.0	199	14.5	988
6/19/26 0:00	2.9	193	14.4	988
6/19/26 1:00	2.4	182	14.4	988
6/19/26 2:00	2	190	14.8	987
6/19/26 3:00	1.7	174	14.1	987
6/19/26 4:00	1	177	14.7	987
6/19/26 5:00	2	192	15.4	987
6/19/26 6:00	2.5	200	17.4	988
6/19/26 7:00	4.4	237	19.4	988
6/19/26 8:00	5.2	247	20.9	988
6/19/26 9:00	5.8	248	21.9	988
6/19/26 10:00	5.9	259	22.2	989
6/19/26 11:00	5.0	247	21.6	989
6/19/26 12:00	5.1	254	22.1	989
6/19/26 13:00	5.9	250	22.4	989
6/19/26 14:00	5.5	254	22.6	989
6/19/26 15:00	5.8	244	22.1	989
6/19/26 16:00	5.0	246	22.2	990
6/19/26 17:00	4.2	260	21.9	990
6/19/26 18:00	4.5	254	21.4	990
6/19/26 19:00	4.6	258	20.7	990
6/19/26 20:00	3.6	246	19.0	990
6/19/26 21:00	3.4	230	18.1	990
6/19/26 22:00	2.8	243	17.7	990
6/19/26 23:00	3	246	17.3	990
6/20/26 0:00	3	259	16.9	989
6/20/26 1:00	3	260	16.1	989
6/20/26 2:00	2.7	259	15.6	989
6/20/26 3:00	2	244	15.0	989
6/20/26 4:00	2	233	15.0	989
6/20/26 5:00	2	265	15.0	989
6/20/26 6:00	3	263	15.7	989
6/20/26 7:00	3.2	257	16.3	989
6/20/26 8:00	4.0	277	17.4	989
6/20/26 9:00	4.9	296	17.9	989
6/20/26 10:00	5.3	302	17.3	989
6/20/26 11:00	6.8	318	17.4	990

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/20/26 12:00	8.8	326	17.9	991
6/20/26 13:00	8.6	331	18.0	992
6/20/26 14:00	7.9	337	20.2	992
6/20/26 15:00	7.7	329	19.5	993
6/20/26 16:00	7.8	313	20.0	994
6/20/26 17:00	6.9	319	20.5	994
6/20/26 18:00	4.9	316	20.1	995
6/20/26 19:00	2.9	300	19.1	995
6/20/26 20:00	1.8	266	17.2	996
6/20/26 21:00	2.4	259	15.5	997
6/20/26 22:00	2.1	236	15.3	997
6/20/26 23:00	2.4	251	15.4	997
6/21/26 0:00	2.2	255	14.9	998
6/21/26 1:00	2.7	252	14.1	998
6/21/26 2:00	2.2	242	13.9	998
6/21/26 3:00	1.6	233	13.0	998
6/21/26 4:00	1.5	190	11.8	999
6/21/26 5:00	1.7	211	12.2	999
6/21/26 6:00	2.1	223	14.1	1000
6/21/26 7:00	1.7	272	17.0	1000
6/21/26 8:00	2	285	19.0	1000
6/21/26 9:00	2.2	347	20.8	1000
6/21/26 10:00	2.3	354	21.7	1001
6/21/26 11:00	2.6	16	22.0	1001
6/21/26 12:00	3.2	9	22.2	1000
6/21/26 13:00	2.9	349	23.0	1000
6/21/26 14:00	3.0	356	23.0	1001
6/21/26 15:00	2.7	239	21.1	1001
6/21/26 16:00	4.2	195	21.4	1001
6/21/26 17:00	4.4	164	19.9	1002
6/21/26 18:00	3.0	86	18.0	1003
6/21/26 19:00	1.7	128	17.8	1004
6/21/26 20:00	1.7	328	16.9	1005
6/21/26 21:00	1.4	337	16.3	1005
6/21/26 22:00	ND	ND	14.2	1006
6/21/26 23:00	ND	ND	13.4	1006
6/22/26 0:00	1.6	175	13.6	1006
6/22/26 1:00	1.9	159	13.7	1007
6/22/26 2:00	2.2	221	12.9	1008
6/22/26 3:00	1.5	130	12.8	1008
6/22/26 4:00	1.4	130	14.1	1008
6/22/26 5:00	2	140	14.1	1009
6/22/26 6:00	1.5	95	14.7	1009
6/22/26 7:00	2	87	14.8	1010
6/22/26 8:00	1.6	103	15.1	1011
6/22/26 9:00	1.7	169	15.9	1011
6/22/26 10:00	1.9	185	17.2	1011
6/22/26 11:00	2.1	154	19.8	1011
6/22/26 12:00	3.0	165	21.6	1011

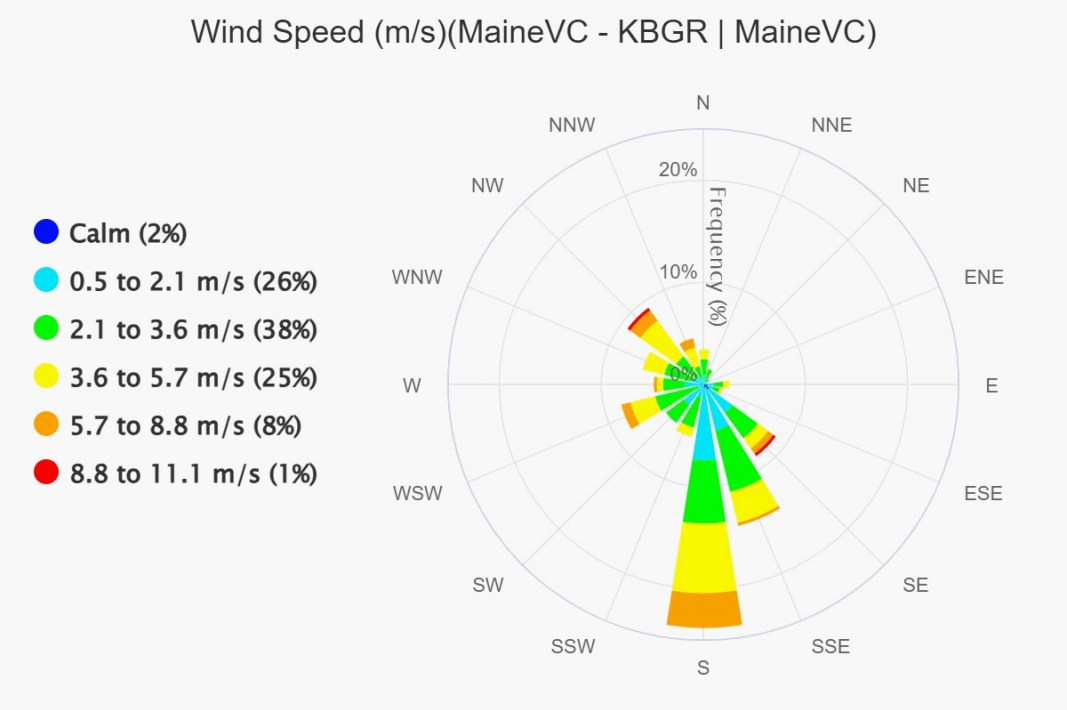
Irving Oil Searsport Maine Terminal Fenceline Monitoring

Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

6/22/26 13:00	2.9	153	22.7	1010
6/22/26 14:00	3.1	170	23.1	1010
6/22/26 15:00	5.1	185	22.3	1010
6/22/26 16:00	5.2	187	21.4	1011
6/22/26 17:00	4.1	183	19.9	1011
6/22/26 18:00	5.0	176	18.7	1011
6/22/26 19:00	5.1	181	17.5	1011
6/22/26 20:00	3.2	166	16.8	1011
6/22/26 21:00	2.3	174	16.0	1011
6/22/26 22:00	2.2	169	15.9	1011
6/22/26 23:00	2.4	167	15.9	1011
6/23/26 0:00	3.5	157	15.3	1011
6/23/26 1:00	2.3	141	14.9	1010
6/23/26 2:00	3.2	137	14.9	1010
6/23/26 3:00	2.7	142	14.6	1009
6/23/26 4:00	2.0	136	14.2	1009
6/23/26 5:00	2.5	150	14.3	1009
6/23/26 6:00	3.5	105	14.6	1008
6/23/26 7:00	4.3	95	14.9	1007
6/23/26 8:00	3.8	92	14.9	1006
6/23/26 9:00	2.2	88	15.0	1005
6/23/26 10:00	2.3	84	15.4	1004
6/23/26 11:00	2.2	35	16.0	1004
6/23/26 12:00	2.5	350	16.7	1003
6/23/26 13:00	4.1	338	17.0	1003
6/23/26 14:00	4.2	337	17.5	1003
6/23/26 15:00	4.0	346	18.8	1003
6/23/26 16:00	4.5	3	20.0	1003
6/23/26 17:00	4.4	1	20.9	1002
6/23/26 18:00	3.3	12	20.0	1002
6/23/26 19:00	2.2	17	19.0	1002
6/23/26 20:00	1.9	4	17.8	1002
6/23/26 21:00	ND	ND	16.0	1003
6/23/26 22:00	ND	ND	15.5	1003
6/23/26 23:00	ND	ND	14.4	1003
6/24/26 0:00	ND	ND	14.3	1002
6/24/26 1:00	ND	ND	14.0	1002
6/24/26 2:00	ND	ND	14.0	1001
6/24/26 3:00	2	50	14.0	1001
6/24/26 4:00	2	305	14.4	1001
6/24/26 5:00	2	320	14.0	1001
6/24/26 6:00	1.6	310	15.5	1002
6/24/26 7:00	2	301	17.3	1002
6/24/26 8:00	2.1	327	19.5	1002
6/24/26 9:00	2.3	331	21.5	1001
6/24/26 10:00	4.1	332	22.9	1001
6/24/26 11:00	4.9	315	23.1	1001

Irving Oil Searsport Maine Terminal Fenceline Monitoring
Bangor International Airport (BGR) Meteorological Data (6/10/26 12:00 to 6/24/26 11:00)

BGR Wind Rose 6/10/26 11:00 - 6/24/26 11:00



Irving Oil Searsport Maine Terminal Fenceline Monitoring

Several monitors are intentionally spaced closer than nominal Tank Farm spacing criteria to address site specific risk drivers, including tanks located within 50 meters of the fenceline and known fugitive emission pathways, consistent with Maine Chapter 171 implementation guidance.

Terminal Fenceline Perimeter Length = 1,498 m
Terminal Fenceline Area = 27.9 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 124.8 m (± 12.5 m)

Tank Farms 1 and 3

Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previoius Site (m)	Notes
Site 1	BTEX	44.459525°	-68.899553°	129.8	The distance between the closest tanks and Site 1 and Fenceline is >50 m.
Site 2	BTEX	44.458983°	-68.898564°	125.5	The distance between the closest tanks and Site 2 and Fenceline is >50 m.
Site 3	BTEX	44.457892°	-68.898464°	125.5	The distance between the closest tanks and Site 3 and Fenceline is >50 m.
Site 4	BTEX	44.456853°	-68.898425°	123.9	The distance between the closest tanks and Site 4 and Fenceline is >50 m.
Site 5	BTEX	44.455831°	-68.898528°	125.3	The distance between the closest tanks and Site 5 and Fenceline is >50 m.
Site 6	BTEX	44.454886°	-68.899292°	124.8	The distance between the closest tanks and Site 6 and Fenceline is >50 m.
Site 7	BTEX	44.455697°	-68.899986°	123.9	The distance between the closest tanks and Site 7 and Fenceline is <50 m.
Site 8	BTEX	44.455589°	-68.900656°	62.0 (to Site 7) 61.7 (to Site 9)	Additional Site located halfway between Sites 7 and 9 to capture potential fugitive emissions from sources located <50 m from the fenceline.
Site 9	BTEX	44.455517°	-68.901358°	123.7 (to Site 7)	The distance between the closest tanks and Site 8 and Fenceline is <50 m.
Site 10	BTEX	44.455925°	-68.901736°	62.1 (to Site 9) 61.2 (to Site 11)	Additional Site located halfway between Sites 9 and 11 to capture potential fugitive emissions from sources located <50 m from the fenceline.

Irving Oil Searsport Maine Terminal Fenceline Monitoring

Several monitors are intentionally spaced closer than nominal Tank Farm spacing criteria to address site specific risk drivers, including tanks located within 50 meters of the fenceline and known fugitive emission pathways, consistent with Maine Chapter 171 implementation guidance.

Terminal Fenceline Perimeter Length = 1,498 m
Terminal Fenceline Area = 27.9 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 124.8 m (± 12.5 m)

Tank Farms 1 and 3

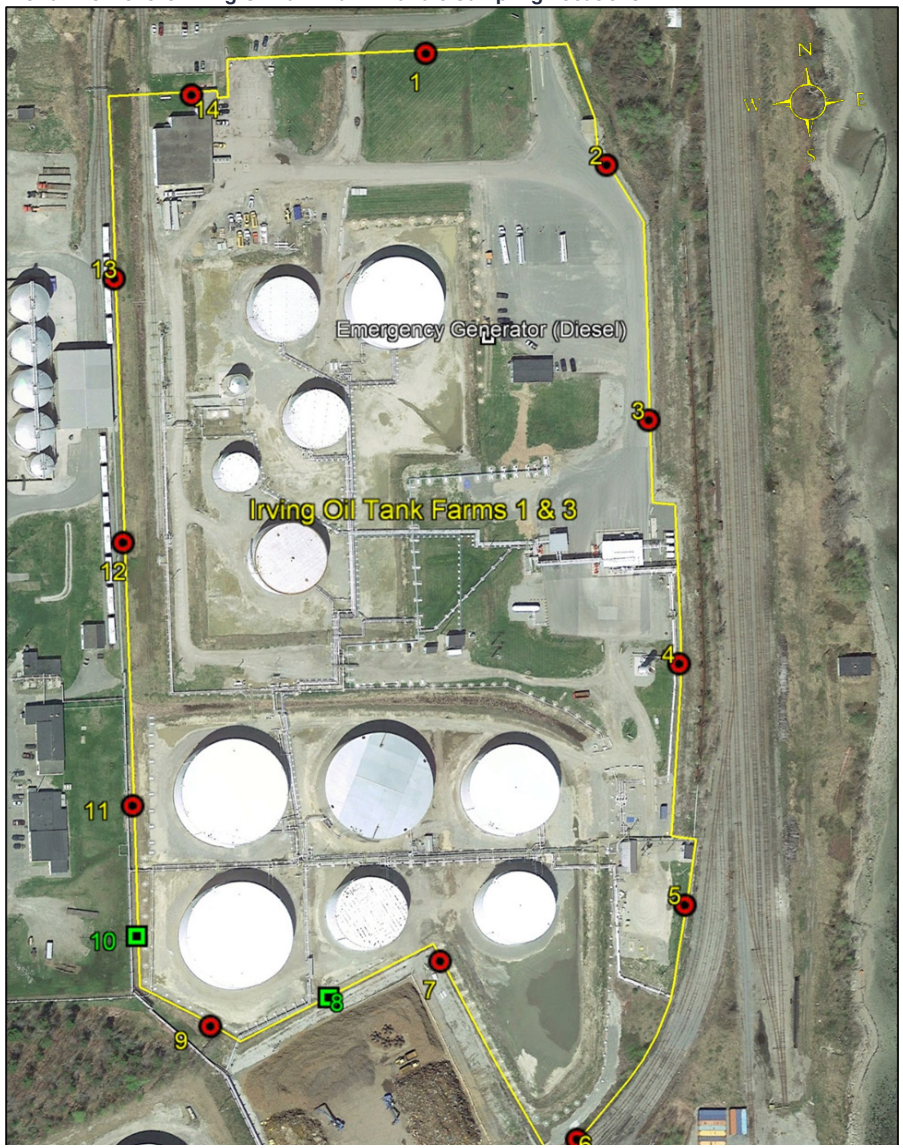
Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previoius Site (m)	Notes
Site 11	BTEX	44.456475°	-68.901686°	123.3 (to Site 9)	The distance between the closest tanks and Site 11 and Fenceline is <50 m.
Site 12	BTEX	44.457586°	-68.901592°	124	The distance between the closest tanks and Site 12 and Fenceline is >50 m.
Site 13	BTEX	44.458700°	-68.901494°	124	The distance between the closest tanks and Site 13 and Fenceline is >50 m.
Site 14	BTEX	44.459442°	-68.900939°	124.3	The distance between the closest tanks and Site 14 and Fenceline is >50 m.

Tank Farm 2

Terminal Fenceline Perimeter Length = 542 m
Terminal Fenceline Area = 4.9 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 180.7 m (± 18.1 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distance from Previous Site (m)	Notes
Site 15	BTEX	44.452383°	-68.907823°	180.8	The distance between the closest tank and Site 15 is 48 m. The 2 tanks are <50 m from the nearest fenceline.
Site 16	BTEX	44.453510°	-68.908468°	180.4	The distance between the closest tank and Site 16 is 46 m. The closest tank is <50 m from the nearest fenceline.
Site 17	BTEX	44.453418°	-68.906950°	180.8	The distance between the closest tank and Site 17 is 45 m. The closest tank is <50 m from the nearest fenceline.

Aerial View of the Irving Oil Tank Farm 1 and 3 Sampling Locations



Aerial View of the Irving Oil Tank Farm 2 Sampling Locations



APPENDIX A – LAB RESULTS

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 40 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 4/2/2026

Analytical Report
2026GG201

EPA Method 325B Analysis

Report Issue Date: 4/9/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matthew Cavanaugh, Project Manager

ENTHALPY ANALYTICAL

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Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2026GG201-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on April 2, 2026 at 19.9 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260318	C65343	Sample
IRVSEA-2-S-20260318	B50714	Sample
IRVSEA-2-D-20260318	C67263	Duplicate
IRVSEA-2-B-20260318	C43382	Blank
IRVSEA-3-S-20260318	C69437	Sample
IRVSEA-4-S-20260318	C69802	Sample
IRVSEA-5-S-20260318	C39137	Sample
IRVSEA-6-S-20260318	C32935	Sample
IRVSEA-7-S-20260318	C33457	Sample
IRVSEA-8-S-20260318	B49409	Sample
IRVSEA-8-D-20260318	C37434	Duplicate
IRVSEA-8-B-20260318	C68635	Blank
IRVSEA-9-S-20260318	C60241	Sample
IRVSEA-10-S-20260318	C57769	Sample
IRVSEA-11-S-20260318	B31114	Sample
IRVSEA-12-S-20260318	B50693	Sample
IRVSEA-13-S-20260318	C56877	Sample
IRVSEA-14-S-20260318	B46211	Sample
IRVSEA-15-S-20260318	C67452	Sample
IRVSEA-16-S-20260318	C01507	Sample
IRVSEA-17-S-20260318	C40176	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2026GG201-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (F121725A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260318	C65343	0.427	J	0.787		0.282	ND	0.372	J	0.282	ND
IRVSEA-2-S-20260318	B50714	0.511		0.908		0.281	ND	0.284	J	0.281	ND
IRVSEA-2-D-20260318	C67263	0.501		0.823		0.281	ND	0.281	ND	0.281	ND
IRVSEA-2-B-20260318	C43382	0.193	ND	0.249	ND	0.281	ND	0.281	ND	0.281	ND
IRVSEA-3-S-20260318	C69437	0.580		1.17		0.281	ND	0.521	J	0.281	ND
IRVSEA-4-S-20260318	C69802	0.601		1.26		0.343	J	1.02		0.282	ND
IRVSEA-5-S-20260318	C39137	0.463		0.861		0.282	ND	0.321	J	0.282	ND
IRVSEA-6-S-20260318	C32935	0.512		1.09		0.282	ND	0.454	J	0.282	ND
IRVSEA-7-S-20260318	C33457	0.658		2.08		0.364	J	1.04		0.398	J
IRVSEA-8-S-20260318	B49409	1.21		5.38		0.895		2.52		0.975	
IRVSEA-8-D-20260318	C37434	1.17		5.40		0.931		2.82		1.03	
IRVSEA-8-B-20260318	C68635	0.193	ND	0.342	J	0.282	ND	0.282	ND	0.282	ND
IRVSEA-9-S-20260318	C60241	0.885		3.37		0.536	J	1.84		0.691	
IRVSEA-10-S-20260318	C57769	1.18		5.35		0.861		3.01		1.14	
IRVSEA-11-S-20260318	B31114	0.882		3.03		0.462	J	1.26		0.494	J
IRVSEA-12-S-20260318	B50693	0.657		2.05		0.291	J	0.795		0.318	J
IRVSEA-13-S-20260318	C56877	0.452	J	1.06		0.282	ND	0.509	J	0.282	ND
IRVSEA-14-S-20260318	B46211	0.465		0.897		0.282	ND	0.290	J	0.282	ND
IRVSEA-15-S-20260318	C67452	0.424	J	0.357	J	0.282	ND	0.282	ND	0.282	ND
IRVSEA-16-S-20260318	C01507	0.391	J	0.385	J	0.282	ND	0.282	ND	0.282	ND
IRVSEA-17-S-20260318	C40176	0.434	J	0.512	J	0.282	ND	0.282	ND	0.282	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260318	C65343	0.427	0.134	5.50	32.6	0.642	20114	0.194	0.462	0.0607	0.145	J	F2602328.D	2026-04-02 16:05	0.923	7.939	44520	493721	56.3	7.877	2.0%
IRVSEA-2-S-20260318	B50714	0.511	0.160	6.61	32.6	0.642	20159	0.193	0.461	0.0605	0.144		F2602329.D	2026-04-02 16:30	0.923	7.938	53986	498243	56.3	7.877	2.9%
IRVSEA-2-D-20260318	C67263	0.501	0.157	6.48	32.6	0.642	20159	0.193	0.461	0.0605	0.144		F2602330.D	2026-04-02 16:56	0.923	7.938	53216	501374	56.3	7.877	3.6%
IRVSEA-2-B-20260318	C43382	0.193	0.0605		32.6	0.642	20159	0.193	0.461	0.0605	0.144	ND	F2602327.D	2026-04-02 15:40	0.923	7.938	3248	486562	56.3	7.877	0.5%
IRVSEA-3-S-20260318	C69437	0.580	0.182	7.50	32.6	0.642	20159	0.193	0.461	0.0605	0.144		F2602331.D	2026-04-02 17:21	0.923	7.938	61737	502644	56.3	7.877	3.8%
IRVSEA-4-S-20260318	C69802	0.601	0.188	7.77	32.6	0.642	20158	0.193	0.461	0.0605	0.144		F2602332.D	2026-04-02 17:46	0.923	7.938	64175	504145	56.3	7.877	4.2%
IRVSEA-5-S-20260318	C39137	0.463	0.145	5.99	32.6	0.642	20158	0.193	0.461	0.0605	0.144		F2602333.D	2026-04-02 18:12	0.923	7.938	49993	509334	56.3	7.877	5.2%
IRVSEA-6-S-20260318	C32935	0.512	0.160	6.62	32.6	0.642	20155	0.193	0.461	0.0605	0.144		F2602334.D	2026-04-02 18:38	0.923	7.938	55423	511307	56.3	7.877	5.6%
IRVSEA-7-S-20260318	C33457	0.658	0.206	8.51	32.6	0.642	20157	0.193	0.461	0.0605	0.144		F2602335.D	2026-04-02 19:03	0.923	7.938	72712	521508	56.3	7.877	7.7%
IRVSEA-8-S-20260318	B49409	1.21	0.378	15.6	32.6	0.642	20157	0.193	0.461	0.0605	0.144		F2602336.D	2026-04-02 19:28	0.923	7.938	132290	517219	56.3	7.877	6.9%
IRVSEA-8-D-20260318	C37434	1.17	0.368	15.2	32.6	0.642	20157	0.193	0.461	0.0605	0.144		F2602337.D	2026-04-02 19:54	0.923	7.938	131937	530094	56.3	7.877	9.5%
IRVSEA-8-B-20260318	C68635	0.193	0.0605		32.6	0.642	20157	0.193	0.461	0.0605	0.144	ND	F2602338.D	2026-04-02 20:19	0.923	7.938	7793	532866	56.3	7.877	10.1%
IRVSEA-9-S-20260318	C60241	0.885	0.277	11.4	32.6	0.642	20156	0.193	0.461	0.0605	0.144		F2602340.D	2026-04-02 21:09	0.923	7.938	101412	540726	56.3	7.877	11.7%
IRVSEA-10-S-20260318	C57769	1.18	0.371	15.3	32.6	0.642	20155	0.193	0.461	0.0605	0.144		F2602341.D	2026-04-02 21:35	0.923	7.938	135862	541931	56.3	7.877	12.0%
IRVSEA-11-S-20260318	B31114	0.882	0.276	11.4	32.6	0.642	20154	0.193	0.461	0.0605	0.144		F2602342.D	2026-04-02 22:00	0.923	7.938	99448	532434	56.3	7.877	10.0%
IRVSEA-12-S-20260318	B50693	0.657	0.206	8.47	32.6	0.642	20089	0.194	0.463	0.0607	0.145		F2602343.D	2026-04-02 22:25	0.923	7.938	73349	528609	56.3	7.877	9.2%
IRVSEA-13-S-20260318	C56877	0.452	0.142	5.83	32.6	0.642	20100	0.194	0.462	0.0607	0.145	J	F2602344.D	2026-04-02 22:52	0.923	7.938	49683	520383	56.3	7.877	7.5%
IRVSEA-14-S-20260318	B46211	0.465	0.146	6.00	32.6	0.642	20104	0.194	0.462	0.0607	0.145		F2602345.D	2026-04-02 23:17	0.923	7.938	51144	520134	56.3	7.877	7.5%
IRVSEA-15-S-20260318	C67452	0.424	0.133	5.48	32.6	0.642	20141	0.193	0.461	0.0606	0.144	J	F2602346.D	2026-04-02 23:42	0.923	7.938	46372	516624	56.3	7.877	6.7%
IRVSEA-16-S-20260318	C01507	0.391	0.123	5.06	32.6	0.642	20141	0.193	0.461	0.0606	0.144	J	F2602347.D	2026-04-03 00:08	0.923	7.938	43465	524754	56.3	7.877	8.4%
IRVSEA-17-S-20260318	C40176	0.434	0.136	5.60	32.6	0.642	20141	0.193	0.461	0.0606	0.144	J	F2602348.D	2026-04-03 00:33	0.923	7.932	47906	521949	56.3	7.877	7.8%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260318	C65343	0.787	0.209	7.88	32.6	0.498	20114	0.250	0.523	0.0663	0.139		F2602328.D	2026-04-02 16:05	1.149	10.661	70312	512867	66.1	10.563	-0.9%
IRVSEA-2-S-20260318	B50714	0.908	0.241	9.11	32.6	0.498	20159	0.249	0.522	0.0661	0.139		F2602329.D	2026-04-02 16:30	1.149	10.661	82870	523074	66.1	10.563	1.0%
IRVSEA-2-D-20260318	C67263	0.823	0.218	8.26	32.6	0.498	20159	0.249	0.522	0.0661	0.139		F2602330.D	2026-04-02 16:56	1.149	10.661	75570	526304	66.1	10.563	1.7%
IRVSEA-2-B-20260318	C43382	0.249	0.0661		32.6	0.498	20159	0.249	0.522	0.0661	0.139	ND	F2602327.D	2026-04-02 15:40	1.149	10.661	20077	511453	66.1	10.563	-1.2%
IRVSEA-3-S-20260318	C69437	1.17	0.311	11.7	32.6	0.498	20159	0.249	0.522	0.0661	0.139		F2602331.D	2026-04-02 17:21	1.149	10.661	108646	531869	66.1	10.563	2.7%
IRVSEA-4-S-20260318	C69802	1.26	0.334	12.6	32.6	0.498	20158	0.249	0.522	0.0661	0.139		F2602332.D	2026-04-02 17:46	1.149	10.661	117530	535571	66.1	10.563	3.5%
IRVSEA-5-S-20260318	C39137	0.861	0.229	8.64	32.6	0.498	20158	0.249	0.522	0.0661	0.139		F2602333.D	2026-04-02 18:12	1.149	10.661	80668	536872	66.1	10.569	3.7%
IRVSEA-6-S-20260318	C32935	1.09	0.289	10.9	32.6	0.498	20155	0.249	0.522	0.0661	0.139		F2602334.D	2026-04-02 18:38	1.149	10.661	102794	540729	66.1	10.563	4.5%
IRVSEA-7-S-20260318	C33457	2.08	0.552	20.9	32.6	0.498	20157	0.249	0.522	0.0661	0.139		F2602335.D	2026-04-02 19:03	1.149	10.661	200991	554363	66.1	10.563	7.1%
IRVSEA-8-S-20260318	B49409	5.38	1.43	54.1	32.6	0.498	20157	0.249	0.522	0.0661	0.139		F2602336.D	2026-04-02 19:28	1.149	10.661	515830	548853	66.1	10.563	6.0%
IRVSEA-8-D-20260318	C37434	5.40	1.43	54.2	32.6	0.498	20157	0.249	0.522	0.0661	0.139		F2602337.D	2026-04-02 19:54	1.149	10.661	527753	559991	66.1	10.563	8.2%
IRVSEA-8-B-20260318	C68635	0.342	0.0907	3.43	32.6	0.498	20157	0.249	0.522	0.0661	0.139	J	F2602338.D	2026-04-02 20:19	1.149	10.655	33578	563266	66.1	10.563	8.8%
IRVSEA-9-S-20260318	C60241	3.37	0.895	33.8	32.6	0.498	20156	0.249	0.522	0.0661	0.139		F2602340.D	2026-04-02 21:09	1.149	10.655	335807	570882	66.1	10.563	10.3%
IRVSEA-10-S-20260318	C57769	5.35	1.42	53.7	32.6	0.498	20155	0.249	0.522	0.0661	0.139		F2602341.D	2026-04-02 21:35	1.149	10.655	536178	573942	66.1	10.563	10.9%
IRVSEA-11-S-20260318	B31114	3.03	0.803	30.4	32.6	0.498	20154	0.249	0.522	0.0661	0.139		F2602342.D	2026-04-02 22:00	1.149	10.661	297315	563132	66.1	10.563	8.8%
IRVSEA-12-S-20260318	B50693	2.05	0.544	20.5	32.6	0.498	20089	0.250	0.523	0.0663	0.139		F2602343.D	2026-04-02 22:25	1.149	10.661	197119	553571	66.1	10.563	6.9%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260318	C56877	1.06	0.281	10.6	32.6	0.498	20100	0.250	0.523	0.0663	0.139		F2602344.D	2026-04-02 22:52	1.149	10.661	100715	547577	66.1	10.563	5.8%
IRVSEA-14-S-20260318	B46211	0.897	0.238	8.98	32.6	0.498	20104	0.250	0.523	0.0663	0.139		F2602345.D	2026-04-02 23:17	1.149	10.661	85856	549981	66.1	10.563	6.2%
IRVSEA-15-S-20260318	C67452	0.357	0.0947	3.58	32.6	0.498	20141	0.249	0.522	0.0662	0.139	J	F2602346.D	2026-04-02 23:42	1.149	10.661	33735	542054	66.1	10.563	4.7%
IRVSEA-16-S-20260318	C01507	0.385	0.102	3.86	32.6	0.498	20141	0.249	0.522	0.0662	0.139	J	F2602347.D	2026-04-03 00:08	1.149	10.661	37206	554046	66.1	10.563	7.0%
IRVSEA-17-S-20260318	C40176	0.512	0.136	5.14	32.6	0.498	20141	0.249	0.522	0.0662	0.139	J	F2602348.D	2026-04-03 00:33	1.149	10.655	48995	548467	66.1	10.563	5.9%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260318	C65343	0.282	0.0650		32.6	0.441	20114	0.282	0.614	0.0650	0.142	ND	F2602328.D	2026-04-02 16:05	1.230	12.845	9993	512867	66.1	10.563	-0.9%
IRVSEA-2-S-20260318	B50714	0.281	0.0649		32.6	0.441	20159	0.281	0.613	0.0649	0.141	ND	F2602329.D	2026-04-02 16:30	1.230	12.845	10095	523074	66.1	10.563	1.0%
IRVSEA-2-D-20260318	C67263	0.281	0.0649		32.6	0.441	20159	0.281	0.613	0.0649	0.141	ND	F2602330.D	2026-04-02 16:56	1.230	12.845	7020	526304	66.1	10.563	1.7%
IRVSEA-2-B-20260318	C43382	0.281	0.0649		32.6	0.441	20159	0.281	0.613	0.0649	0.141	ND	F2602327.D	2026-04-02 15:40	1.230	12.845	503	511453	66.1	10.563	-1.2%
IRVSEA-3-S-20260318	C69437	0.281	0.0649		32.6	0.441	20159	0.281	0.613	0.0649	0.141	ND	F2602331.D	2026-04-02 17:21	1.230	12.845	14419	531869	66.1	10.563	2.7%
IRVSEA-4-S-20260318	C69802	0.343	0.0791	3.05	32.6	0.441	20158	0.282	0.613	0.0649	0.141	J	F2602332.D	2026-04-02 17:46	1.230	12.845	30384	535571	66.1	10.563	3.5%
IRVSEA-5-S-20260318	C39137	0.282	0.0649		32.6	0.441	20158	0.282	0.613	0.0649	0.141	ND	F2602333.D	2026-04-02 18:12	1.230	12.845	10783	536872	66.1	10.569	3.7%
IRVSEA-6-S-20260318	C32935	0.282	0.0649		32.6	0.441	20155	0.282	0.613	0.0649	0.141	ND	F2602334.D	2026-04-02 18:38	1.230	12.845	17124	540729	66.1	10.563	4.5%
IRVSEA-7-S-20260318	C33457	0.364	0.0839	3.23	32.6	0.441	20157	0.282	0.613	0.0649	0.141	J	F2602335.D	2026-04-02 19:03	1.230	12.845	33383	554363	66.1	10.563	7.1%
IRVSEA-8-S-20260318	B49409	0.895	0.206	7.95	32.6	0.441	20157	0.282	0.613	0.0649	0.141		F2602336.D	2026-04-02 19:28	1.230	12.845	81254	548853	66.1	10.563	6.0%
IRVSEA-8-D-20260318	C37434	0.931	0.215	8.27	32.6	0.441	20157	0.282	0.613	0.0649	0.141		F2602337.D	2026-04-02 19:54	1.230	12.845	86222	559991	66.1	10.563	8.2%
IRVSEA-8-B-20260318	C68635	0.282	0.0649		32.6	0.441	20157	0.282	0.613	0.0649	0.141	ND	F2602338.D	2026-04-02 20:19	1.230	12.851	1388	563266	66.1	10.563	8.8%
IRVSEA-9-S-20260318	C60241	0.536	0.124	4.76	32.6	0.441	20156	0.282	0.613	0.0649	0.141	J	F2602340.D	2026-04-02 21:09	1.230	12.845	50634	570882	66.1	10.563	10.3%
IRVSEA-10-S-20260318	C57769	0.861	0.198	7.64	32.6	0.441	20155	0.282	0.613	0.0649	0.141		F2602341.D	2026-04-02 21:35	1.230	12.845	81677	573942	66.1	10.563	10.9%
IRVSEA-11-S-20260318	B31114	0.462	0.107	4.11	32.6	0.441	20154	0.282	0.613	0.0649	0.141	J	F2602342.D	2026-04-02 22:00	1.230	12.845	43051	563132	66.1	10.563	8.8%
IRVSEA-12-S-20260318	B50693	0.291	0.0671	2.58	32.6	0.441	20089	0.282	0.615	0.0651	0.142	J	F2602343.D	2026-04-02 22:25	1.230	12.845	26570	553571	66.1	10.563	6.9%
IRVSEA-13-S-20260318	C56877	0.282	0.0651		32.6	0.441	20100	0.282	0.615	0.0651	0.142	ND	F2602344.D	2026-04-02 22:52	1.230	12.845	14585	547577	66.1	10.563	5.8%
IRVSEA-14-S-20260318	B46211	0.282	0.0650		32.6	0.441	20104	0.282	0.615	0.0650	0.142	ND	F2602345.D	2026-04-02 23:17	1.230	12.845	10520	549981	66.1	10.563	6.2%
IRVSEA-15-S-20260318	C67452	0.282	0.0649		32.6	0.441	20141	0.282	0.613	0.0649	0.141	ND	F2602346.D	2026-04-02 23:42	1.230	12.845	2621	542054	66.1	10.563	4.7%
IRVSEA-16-S-20260318	C01507	0.282	0.0649		32.6	0.441	20141	0.282	0.613	0.0649	0.141	ND	F2602347.D	2026-04-03 00:08	1.230	12.845	3014	554046	66.1	10.563	7.0%
IRVSEA-17-S-20260318	C40176	0.282	0.0649		32.6	0.441	20141	0.282	0.613	0.0649	0.141	ND	F2602348.D	2026-04-03 00:33	1.230	12.845	5979	548467	66.1	10.563	5.9%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260318	C65343	0.372	0.0857	3.30	32.6	0.441	20114	0.282	0.688	0.0650	0.159	J	F2602328.D	2026-04-02 16:05	1.013	13.022	25923	512867	66.1	10.563	-0.9%
IRVSEA-2-S-20260318	B50714	0.284	0.0655	2.53	32.6	0.441	20159	0.281	0.687	0.0649	0.158	J	F2602329.D	2026-04-02 16:30	1.013	13.022	20254	523074	66.1	10.563	1.0%
IRVSEA-2-D-20260318	C67263	0.281	0.0649		32.6	0.441	20159	0.281	0.687	0.0649	0.158	ND	F2602330.D	2026-04-02 16:56	1.013	13.022	16340	526304	66.1	10.563	1.7%
IRVSEA-2-B-20260318	C43382	0.281	0.0649		32.6	0.441	20159	0.281	0.687	0.0649	0.158	ND	F2602327.D	2026-04-02 15:40	1.013	13.041	851	511453	66.1	10.563	-1.2%
IRVSEA-3-S-20260318	C69437	0.521	0.120	4.63	32.6	0.441	20159	0.281	0.687	0.0649	0.158	J	F2602331.D	2026-04-02 17:21	1.013	13.022	37718	531869	66.1	10.563	2.7%
IRVSEA-4-S-20260318	C69802	1.02	0.235	9.05	32.6	0.441	20158	0.282	0.687	0.0649	0.158		F2602332.D	2026-04-02 17:46	1.013	13.022	74343	535571	66.1	10.563	3.5%
IRVSEA-5-S-20260318	C39137	0.321	0.0739	2.85	32.6	0.441	20158	0.282	0.687	0.0649	0.158	J	F2602333.D	2026-04-02 18:12	1.013	13.022	23431	536872	66.1	10.569	3.7%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260318	C32935	0.454	0.105	4.03	32.6	0.441	20155	0.282	0.687	0.0649	0.158	J	F2602334.D	2026-04-02 18:38	1.013	13.022	33441	540729	66.1	10.563	4.5%
IRVSEA-7-S-20260318	C33457	1.04	0.240	9.25	32.6	0.441	20157	0.282	0.687	0.0649	0.158		F2602335.D	2026-04-02 19:03	1.013	13.022	78632	554363	66.1	10.563	7.1%
IRVSEA-8-S-20260318	B49409	2.52	0.580	22.3	32.6	0.441	20157	0.282	0.687	0.0649	0.158		F2602336.D	2026-04-02 19:28	1.013	13.022	187952	548853	66.1	10.563	6.0%
IRVSEA-8-D-20260318	C37434	2.82	0.649	25.0	32.6	0.441	20157	0.282	0.687	0.0649	0.158		F2602337.D	2026-04-02 19:54	1.013	13.022	214674	559991	66.1	10.563	8.2%
IRVSEA-8-B-20260318	C68635	0.282	0.0649		32.6	0.441	20157	0.282	0.687	0.0649	0.158	ND	F2602338.D	2026-04-02 20:19	1.013	13.022	2076	563266	66.1	10.563	8.8%
IRVSEA-9-S-20260318	C60241	1.84	0.425	16.4	32.6	0.441	20156	0.282	0.687	0.0649	0.158		F2602340.D	2026-04-02 21:09	1.013	13.022	143282	570882	66.1	10.563	10.3%
IRVSEA-10-S-20260318	C57769	3.01	0.694	26.7	32.6	0.441	20155	0.282	0.687	0.0649	0.158		F2602341.D	2026-04-02 21:35	1.013	13.022	235192	573942	66.1	10.563	10.9%
IRVSEA-11-S-20260318	B31114	1.26	0.291	11.2	32.6	0.441	20154	0.282	0.687	0.0649	0.158		F2602342.D	2026-04-02 22:00	1.013	13.022	96939	563132	66.1	10.563	8.8%
IRVSEA-12-S-20260318	B50693	0.795	0.183	7.04	32.6	0.441	20089	0.282	0.689	0.0651	0.159		F2602343.D	2026-04-02 22:25	1.013	13.016	59732	553571	66.1	10.563	6.9%
IRVSEA-13-S-20260318	C56877	0.509	0.117	4.51	32.6	0.441	20100	0.282	0.689	0.0651	0.159	J	F2602344.D	2026-04-02 22:52	1.013	13.022	37843	547577	66.1	10.563	5.8%
IRVSEA-14-S-20260318	B46211	0.290	0.0668	2.57	32.6	0.441	20104	0.282	0.689	0.0650	0.159	J	F2602345.D	2026-04-02 23:17	1.013	13.022	21634	549981	66.1	10.563	6.2%
IRVSEA-15-S-20260318	C67452	0.282	0.0649		32.6	0.441	20141	0.282	0.687	0.0649	0.158	ND	F2602346.D	2026-04-02 23:42	1.013	13.022	4882	542054	66.1	10.563	4.7%
IRVSEA-16-S-20260318	C01507	0.282	0.0649		32.6	0.441	20141	0.282	0.687	0.0649	0.158	ND	F2602347.D	2026-04-03 00:08	1.013	13.022	5067	554046	66.1	10.563	7.0%
IRVSEA-17-S-20260318	C40176	0.282	0.0649		32.6	0.441	20141	0.282	0.687	0.0649	0.158	ND	F2602348.D	2026-04-03 00:33	1.013	13.022	7017	548467	66.1	10.563	5.9%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260318	C65343	0.282	0.0650		32.6	0.441	20114	0.282	0.640	0.0650	0.148	ND	F2602328.D	2026-04-02 16:05	1.047	13.524	10427	512867	66.1	10.563	-0.9%
IRVSEA-2-S-20260318	B50714	0.281	0.0649		32.6	0.441	20159	0.281	0.639	0.0649	0.147	ND	F2602329.D	2026-04-02 16:30	1.047	13.530	8194	523074	66.1	10.563	1.0%
IRVSEA-2-D-20260318	C67263	0.281	0.0649		32.6	0.441	20159	0.281	0.639	0.0649	0.147	ND	F2602330.D	2026-04-02 16:56	1.047	13.524	6871	526304	66.1	10.563	1.7%
IRVSEA-2-B-20260318	C43382	0.281	0.0649		32.6	0.441	20159	0.281	0.639	0.0649	0.147	ND	F2602327.D	2026-04-02 15:40	1.047	13.524	394	511453	66.1	10.563	-1.2%
IRVSEA-3-S-20260318	C69437	0.281	0.0649		32.6	0.441	20159	0.281	0.639	0.0649	0.147	ND	F2602331.D	2026-04-02 17:21	1.047	13.524	14486	531869	66.1	10.563	2.7%
IRVSEA-4-S-20260318	C69802	0.282	0.0649		32.6	0.441	20158	0.282	0.639	0.0649	0.147	ND	F2602332.D	2026-04-02 17:46	1.047	13.524	19926	535571	66.1	10.563	3.5%
IRVSEA-5-S-20260318	C39137	0.282	0.0649		32.6	0.441	20158	0.282	0.639	0.0649	0.147	ND	F2602333.D	2026-04-02 18:12	1.047	13.524	8776	536872	66.1	10.569	3.7%
IRVSEA-6-S-20260318	C32935	0.282	0.0649		32.6	0.441	20155	0.282	0.639	0.0649	0.147	ND	F2602334.D	2026-04-02 18:38	1.047	13.524	13120	540729	66.1	10.563	4.5%
IRVSEA-7-S-20260318	C33457	0.398	0.0917	3.53	32.6	0.441	20157	0.282	0.639	0.0649	0.147	J	F2602335.D	2026-04-02 19:03	1.047	13.524	31041	554363	66.1	10.563	7.1%
IRVSEA-8-S-20260318	B49409	0.975	0.225	8.65	32.6	0.441	20157	0.282	0.639	0.0649	0.147		F2602336.D	2026-04-02 19:28	1.047	13.524	75262	548853	66.1	10.563	6.0%
IRVSEA-8-D-20260318	C37434	1.03	0.237	9.13	32.6	0.441	20157	0.282	0.639	0.0649	0.147		F2602337.D	2026-04-02 19:54	1.047	13.524	80975	559991	66.1	10.563	8.2%
IRVSEA-8-B-20260318	C68635	0.282	0.0649		32.6	0.441	20157	0.282	0.639	0.0649	0.147	ND	F2602338.D	2026-04-02 20:19	1.047	13.524	914	563266	66.1	10.563	8.8%
IRVSEA-9-S-20260318	C60241	0.691	0.159	6.14	32.6	0.441	20156	0.282	0.639	0.0649	0.147		F2602340.D	2026-04-02 21:09	1.047	13.524	55512	570882	66.1	10.563	10.3%
IRVSEA-10-S-20260318	C57769	1.14	0.263	10.1	32.6	0.441	20155	0.282	0.639	0.0649	0.147		F2602341.D	2026-04-02 21:35	1.047	13.524	92265	573942	66.1	10.563	10.9%
IRVSEA-11-S-20260318	B31114	0.494	0.114	4.39	32.6	0.441	20154	0.282	0.639	0.0649	0.147	J	F2602342.D	2026-04-02 22:00	1.047	13.524	39137	563132	66.1	10.563	8.8%
IRVSEA-12-S-20260318	B50693	0.318	0.0733	2.82	32.6	0.441	20089	0.282	0.641	0.0651	0.148	J	F2602343.D	2026-04-02 22:25	1.047	13.524	24692	553571	66.1	10.563	6.9%
IRVSEA-13-S-20260318	C56877	0.282	0.0651		32.6	0.441	20100	0.282	0.641	0.0651	0.148	ND	F2602344.D	2026-04-02 22:52	1.047	13.524	15217	547577	66.1	10.563	5.8%
IRVSEA-14-S-20260318	B46211	0.282	0.0650		32.6	0.441	20104	0.282	0.640	0.0650	0.148	ND	F2602345.D	2026-04-02 23:17	1.047	13.524	8797	549981	66.1	10.563	6.2%
IRVSEA-15-S-20260318	C67452	0.282	0.0649		32.6	0.441	20141	0.282	0.639	0.0649	0.147	ND	F2602346.D	2026-04-02 23:42	1.047	13.530	2278	542054	66.1	10.563	4.7%
IRVSEA-16-S-20260318	C01507	0.282	0.0649		32.6	0.441	20141	0.282	0.639	0.0649	0.147	ND	F2602347.D	2026-04-03 00:08	1.047	13.530	2293	554046	66.1	10.563	7.0%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260318	C40176	0.282	0.0649		32.6	0.441	20141	0.282	0.639	0.0649	0.147	ND	F2602348.D	2026-04-03 00:33	1.047	13.524	2856	548467	66.1	10.563	5.9%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260318	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260318	ND	Pass	0.342	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260318	2.1%	Pass	9.8%	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-D-20260318	2.7%	Pass	0.28%	Pass	3.9%	Pass	11%	Pass	5.3%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602325.D	C60275	Cal	0.923	0.904	0.923	2.1%	-10%		Pass	
2026GG201 Method Blank 1	F2602326.D	C43228	Blank		0.904	0.923			1.5%	Pass	ND
M325B CCV 5	F2602339.D	C69738	Check	0.929	0.904	0.923	2.8%		10%	Pass	
M325B CCV 5	F2602349.D	C61484	Check	0.932	0.904	0.923	3.1%		7.0%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602325.D	C60275	Cal	1.149	1.091	1.149	5.3%	-17%		Pass	
2026GG201 Method Blank 1	F2602326.D	C43228	Blank		1.091	1.149			0.43%	Pass	J
M325B CCV 5	F2602339.D	C69738	Check	1.161	1.091	1.149	6.4%		9.8%	Pass	
M325B CCV 5	F2602349.D	C61484	Check	1.166	1.091	1.149	6.9%		6.0%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602325.D	C60275	Cal	1.230	1.150	1.230	6.9%	-17%		Pass	
2026GG201 Method Blank 1	F2602326.D	C43228	Blank		1.150	1.230			0.43%	Pass	ND
M325B CCV 5	F2602339.D	C69738	Check	1.283	1.150	1.230	12%		9.8%	Pass	
M325B CCV 5	F2602349.D	C61484	Check	1.301	1.150	1.230	13%		6.0%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602325.D	C60275	Cal	1.013	0.940	1.013	7.8%	-17%		Pass	
2026GG201 Method Blank 1	F2602326.D	C43228	Blank		0.940	1.013			0.43%	Pass	ND
M325B CCV 5	F2602339.D	C69738	Check	1.059	0.940	1.013	13%		9.8%	Pass	
M325B CCV 5	F2602349.D	C61484	Check	1.074	0.940	1.013	14%		6.0%	Pass	

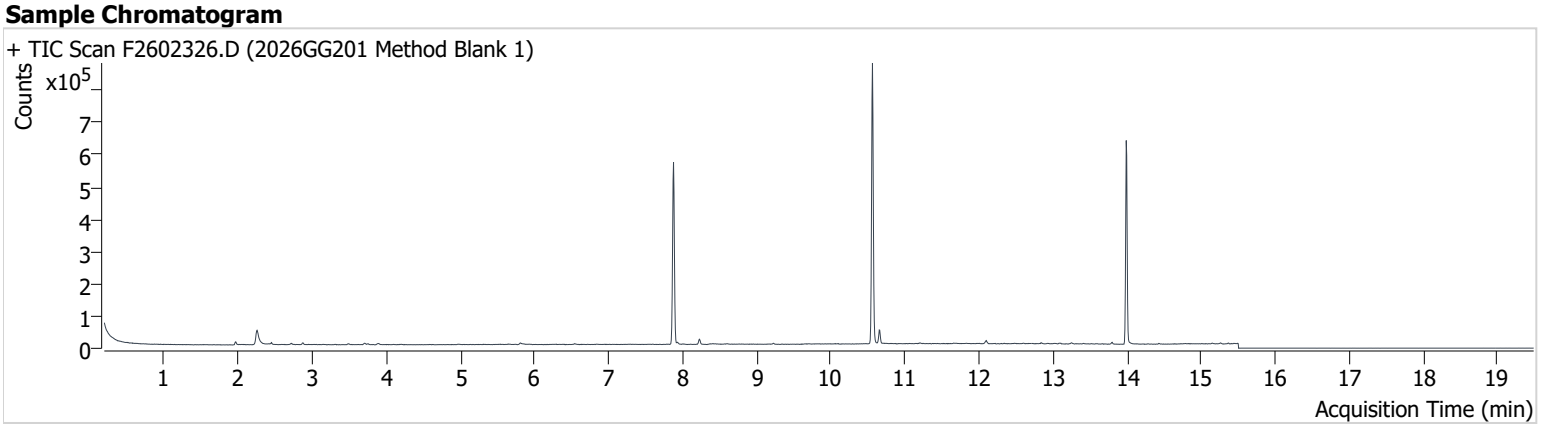
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602325.D	C60275	Cal	1.047	0.944	1.047	11%	-17%		Pass	
2026GG201 Method Blank 1	F2602326.D	C43228	Blank		0.944	1.047			0.43%	Pass	ND
M325B CCV 5	F2602339.D	C69738	Check	1.074	0.944	1.047	14%		9.8%	Pass	
M325B CCV 5	F2602349.D	C61484	Check	1.078	0.944	1.047	14%		6.0%	Pass	

Chromatograms

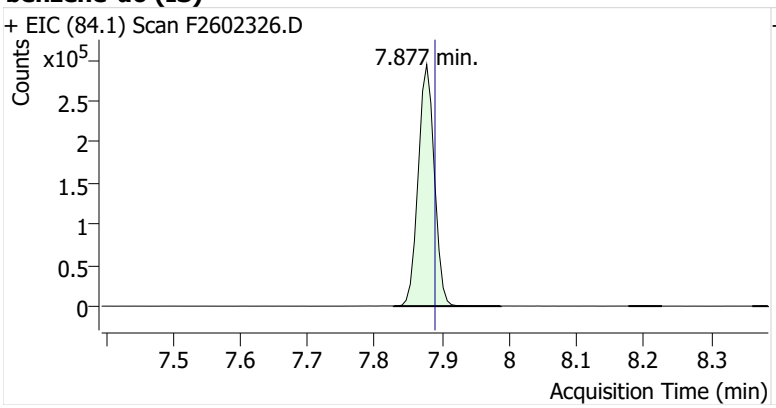
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Comment	C43228
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Acq. Date-Time	4/2/2026 3:14:40 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

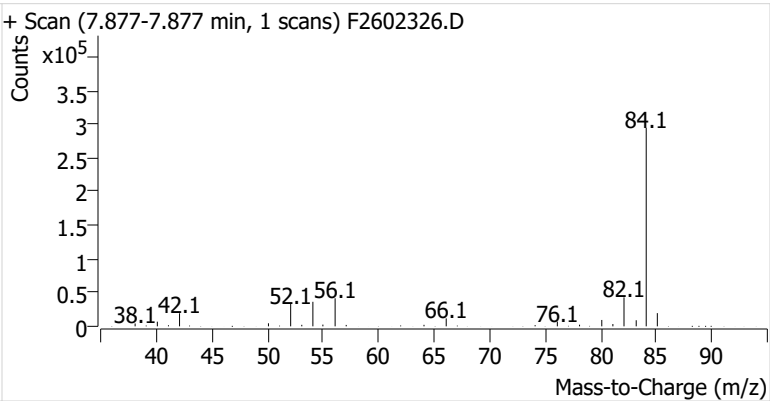
Sample Chromatogram



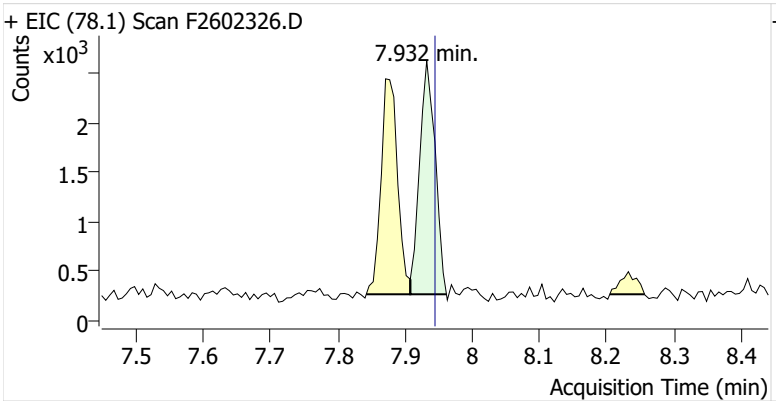
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	491,277	
Benzene	benzene-d6 (IS)	7.932	7.945	3,761	
Toluene-d8 (IS)		10.563	10.569	519,884	
Toluene	Toluene-d8 (IS)	10.661	10.667	27,783	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	1,759	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	1,130	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	445	

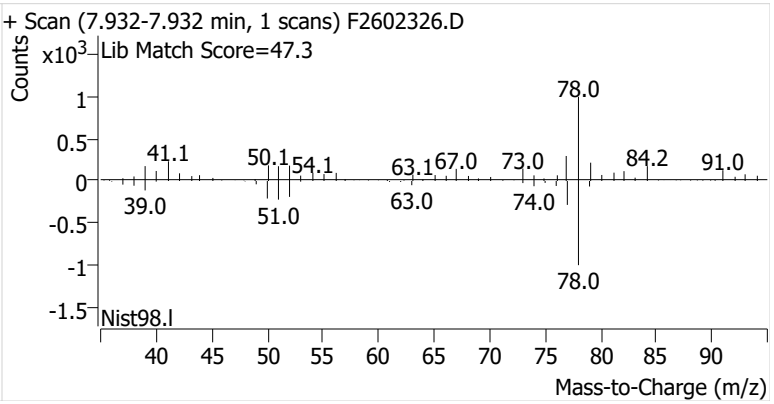
benzene-d6 (IS)



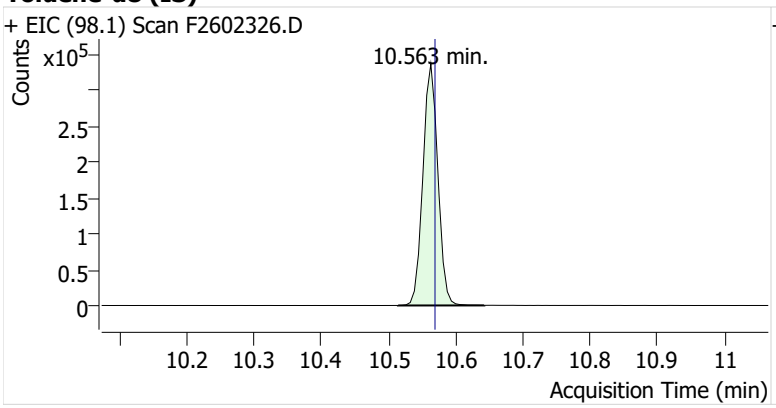


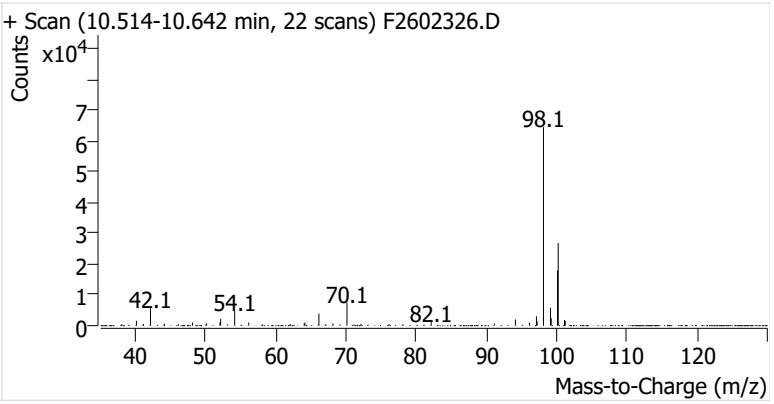
Benzene



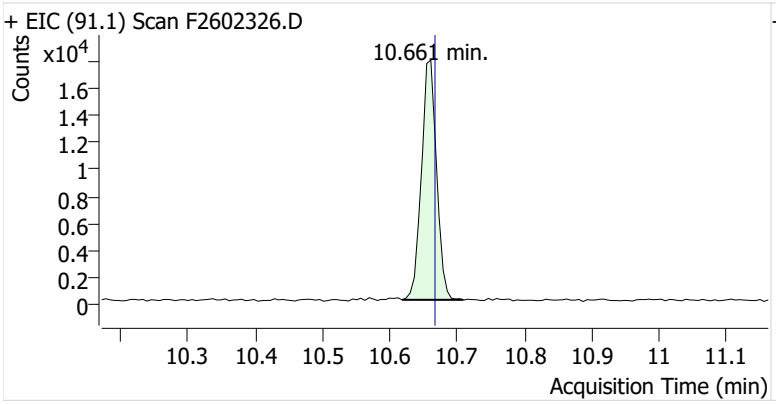


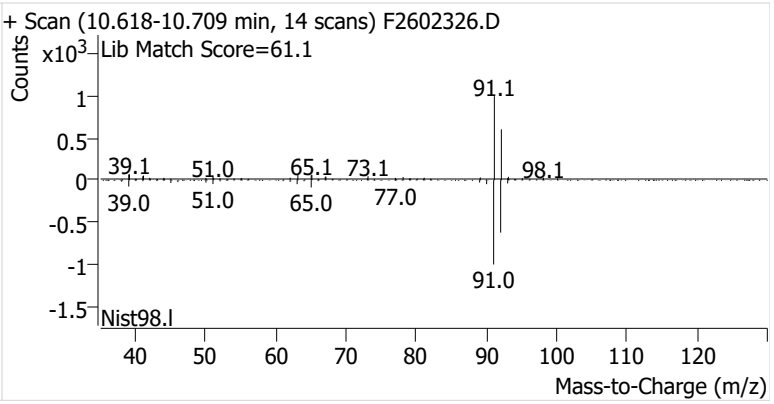
Toluene-d8 (IS)



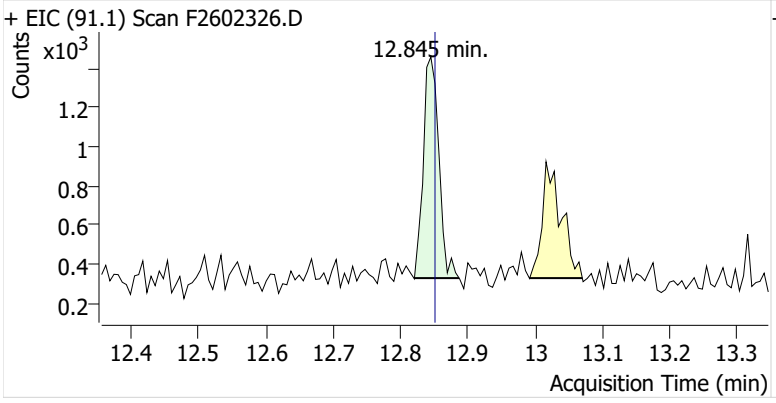


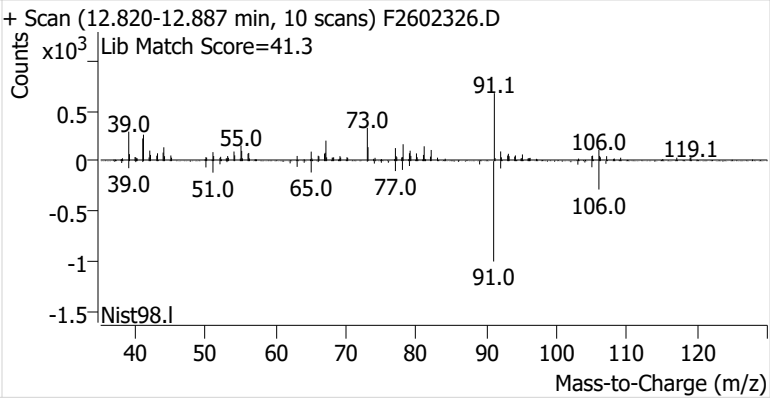
Toluene



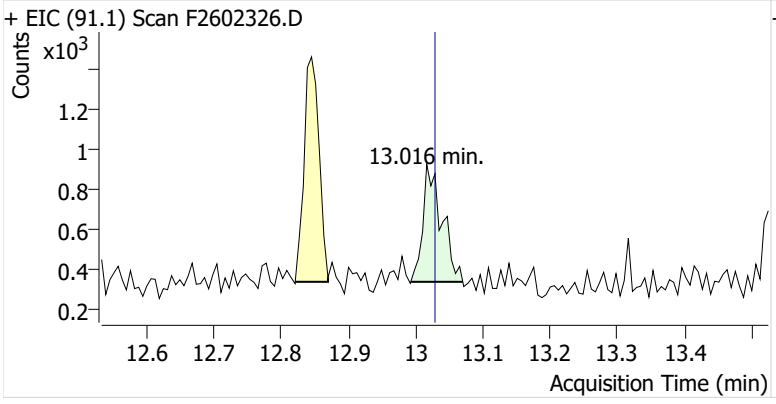


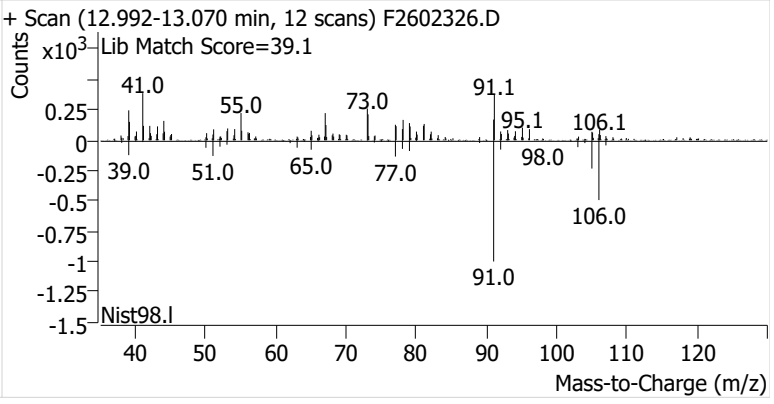
Ethylbenzene



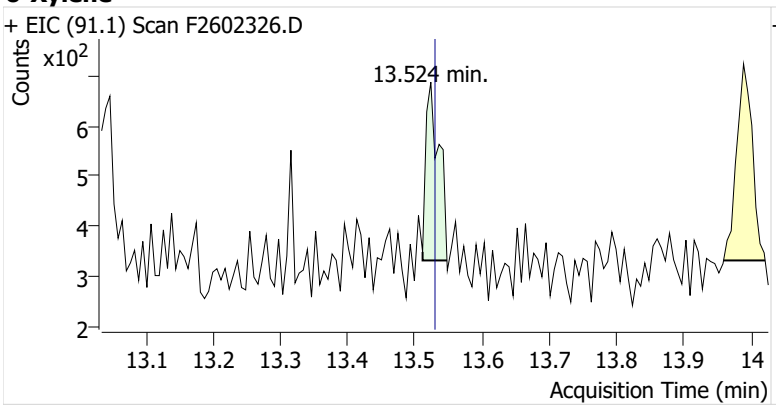


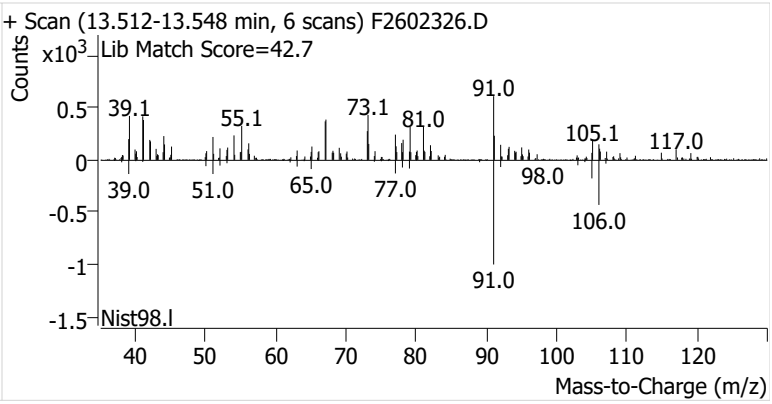
m-/p-Xylenes





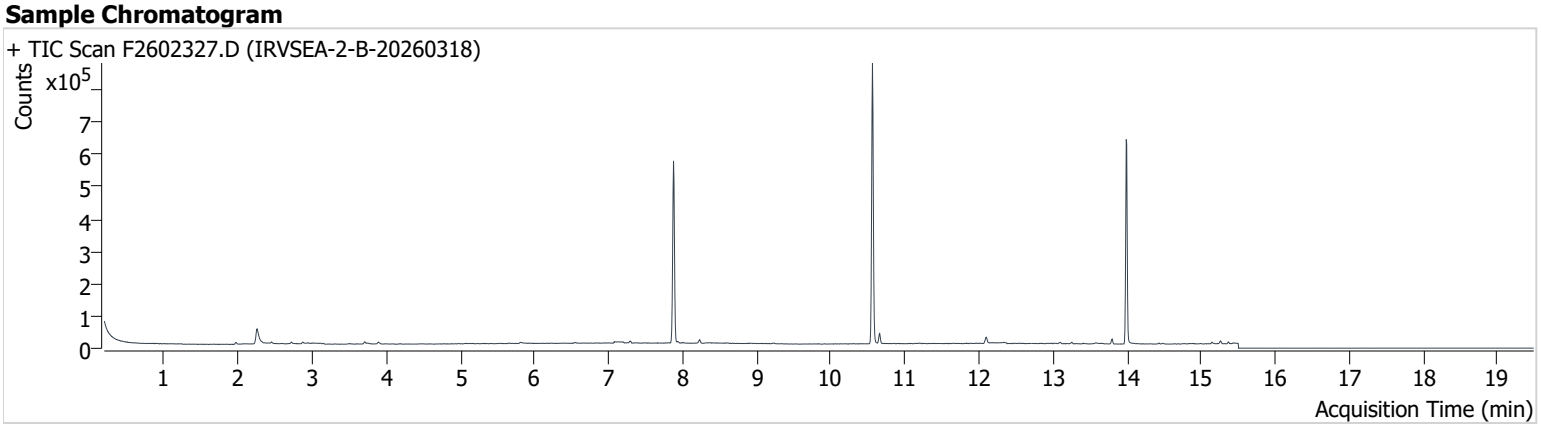
o-Xylene


+ EIC (91.1) Scan F2602326.D
Counts
x10^2
13.524 min.
6
5
4
3
2
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.512-13.548 min, 6 scans) F2602326.D
Counts
x10^3
Lib Match Score=42.7
0.5
0
-0.5
-1
-1.5
39.1
55.1
73.1
81.0
91.0
105.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

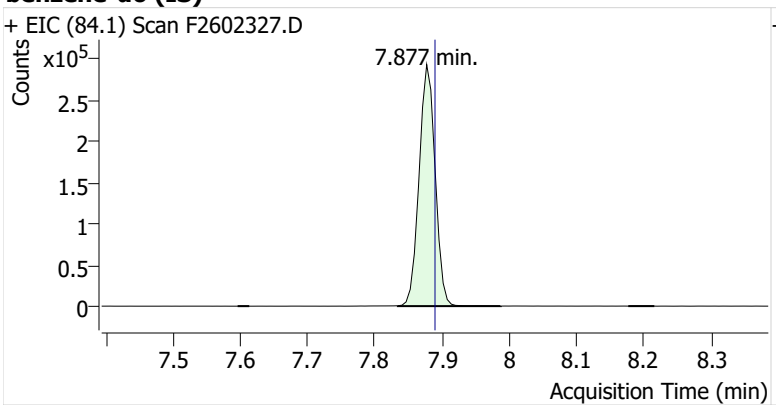
Name	IRVSEA-2-B-20260318
Comment	C43382
Data File	F2602327.D
Acq. Date-Time	4/2/2026 3:40:01 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

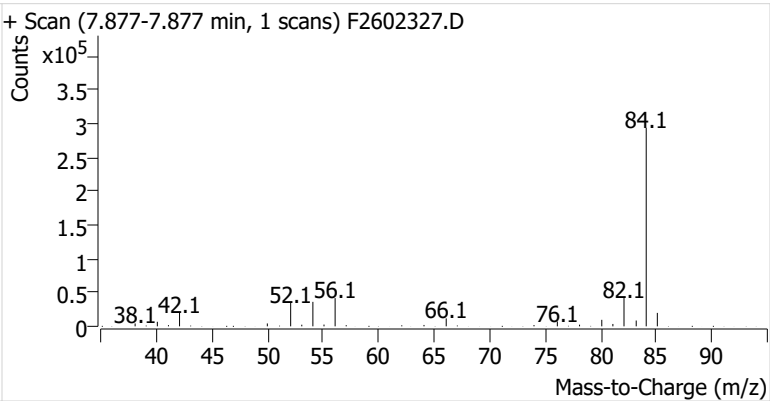
Sample Chromatogram



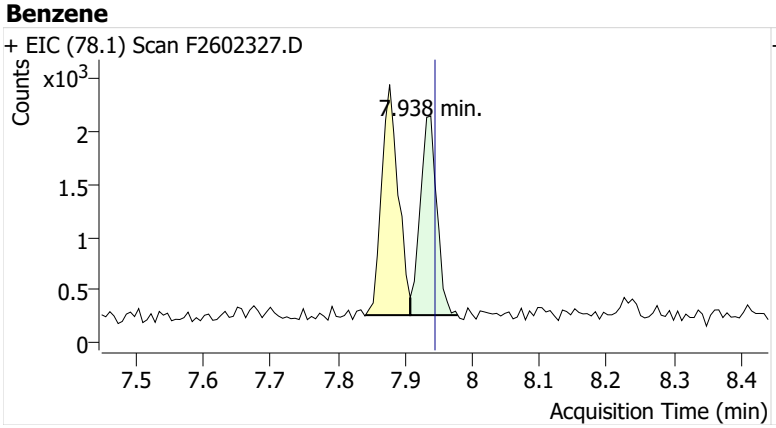
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	486,562	
Benzene	benzene-d6 (IS)	7.938	7.945	3,248	
Toluene-d8 (IS)		10.563	10.569	511,453	
Toluene	Toluene-d8 (IS)	10.661	10.667	20,077	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	503	
m-/p-Xylenes	Toluene-d8 (IS)	13.041	13.028	851	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	394	

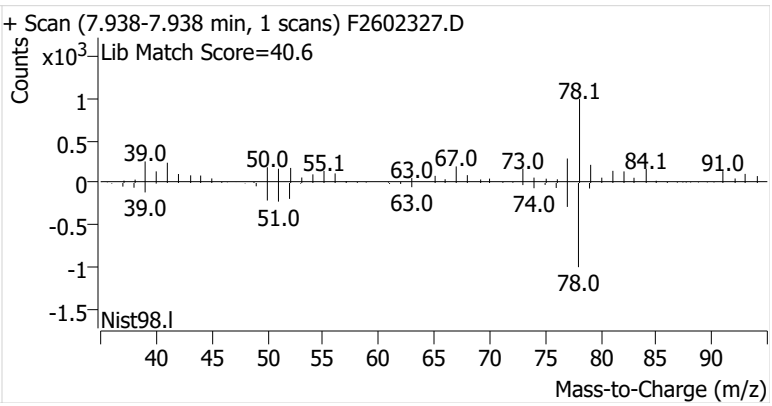
benzene-d6 (IS)



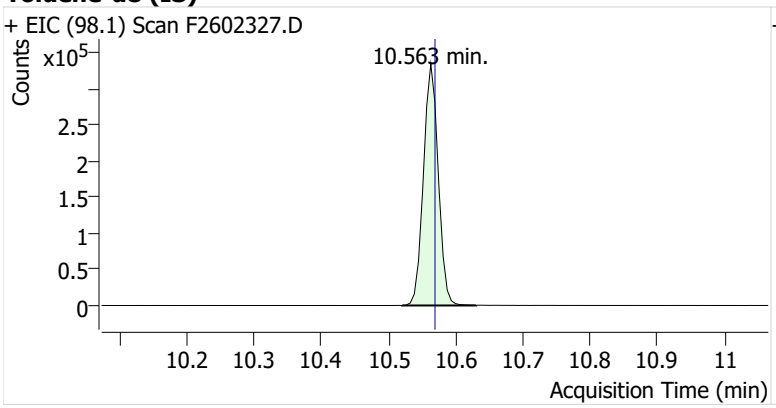


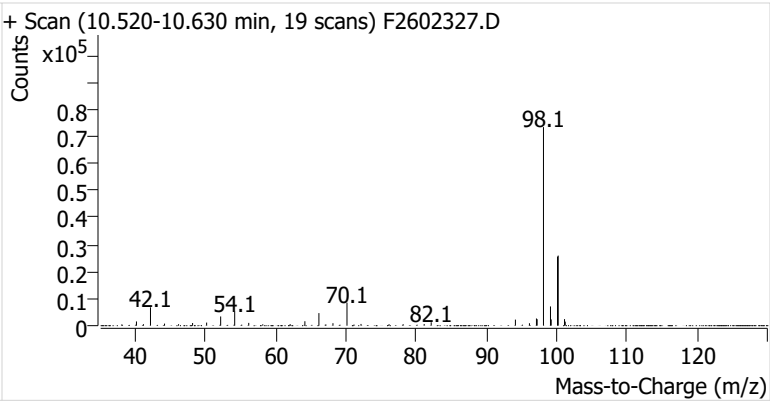
Benzene



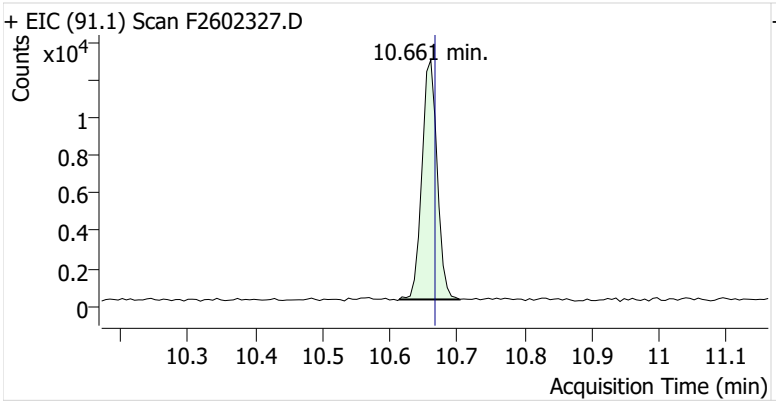


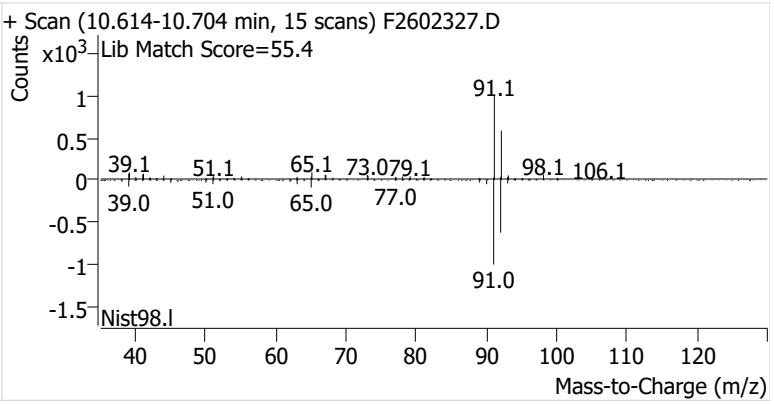
Toluene-d8 (IS)



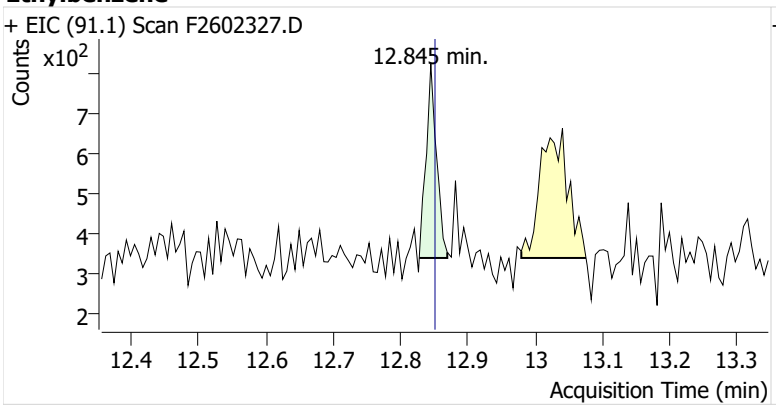


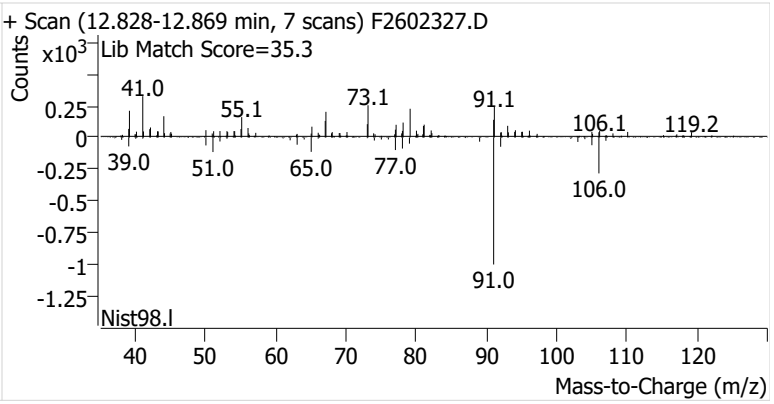
Toluene



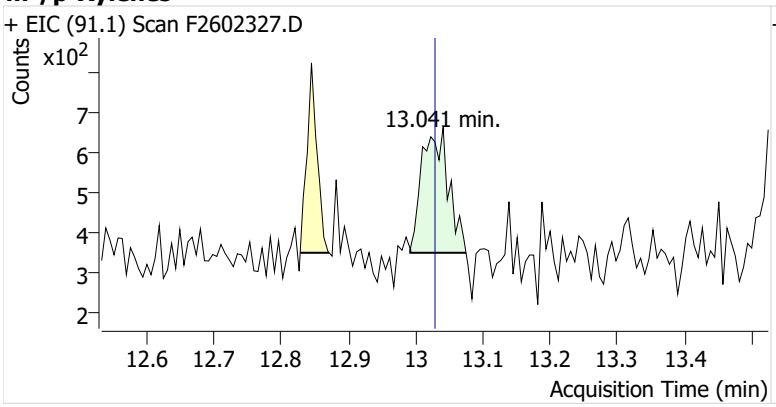


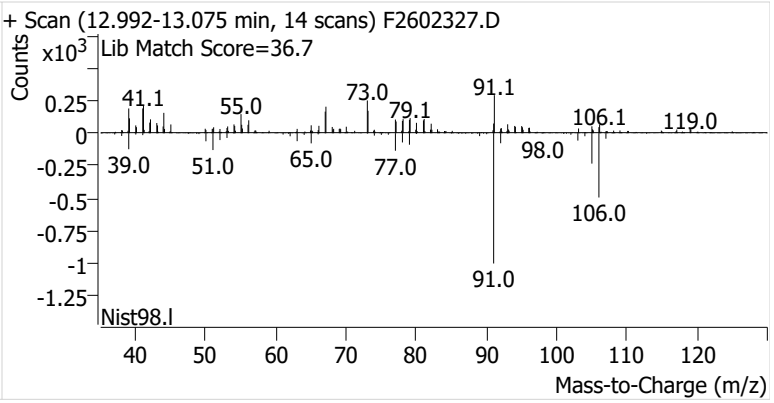
Ethylbenzene



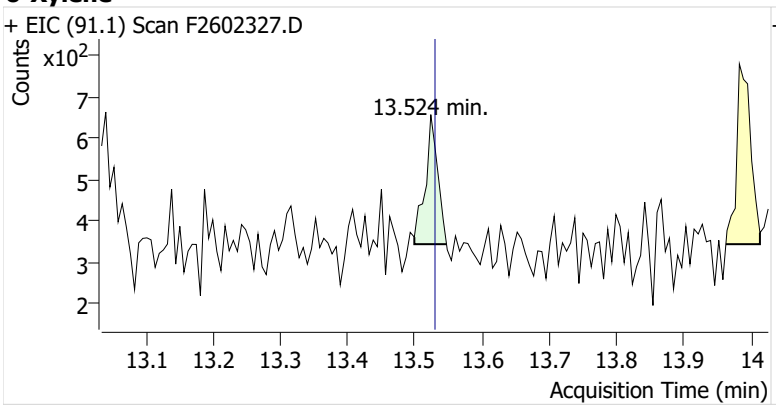


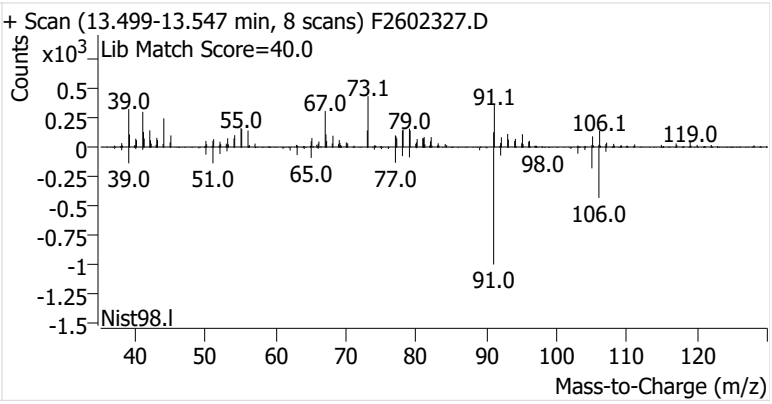
m-/p-Xylenes





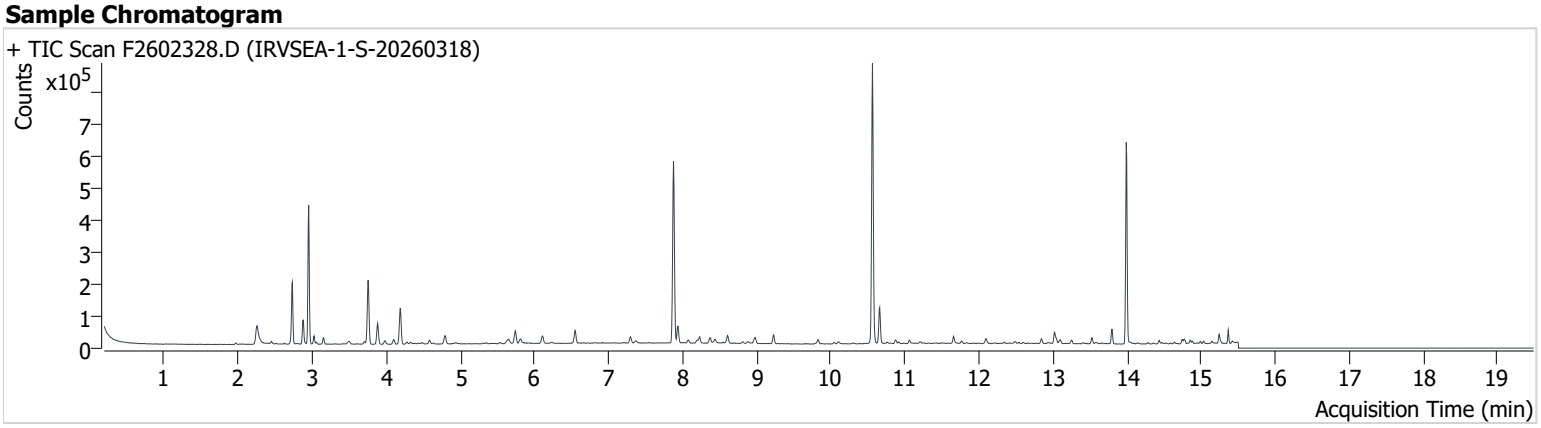
o-Xylene


+ EIC (91.1) Scan F2602327.D
Counts
x10^2
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.499-13.547 min, 8 scans) F2602327.D
Counts
x10^3
Lib Match Score=40.0
39.0
55.0
67.0
73.1
79.0
91.1
106.1
119.0
98.0
106.0
39.0
51.0
65.0
77.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

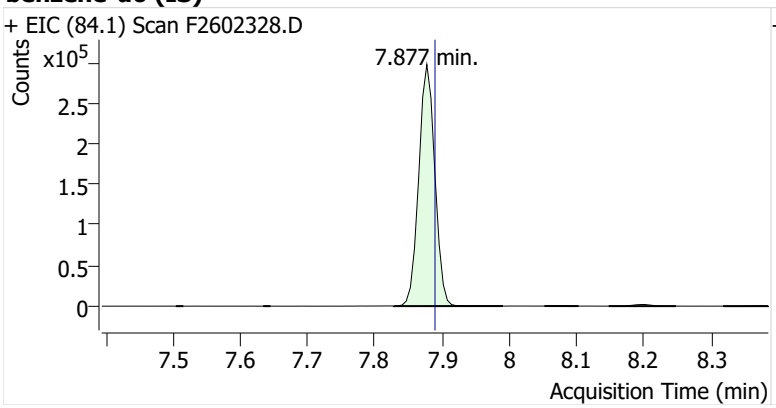
Name	IRVSEA-1-S-20260318
Comment	C65343
Data File	F2602328.D
Acq. Date-Time	4/2/2026 4:05:17 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

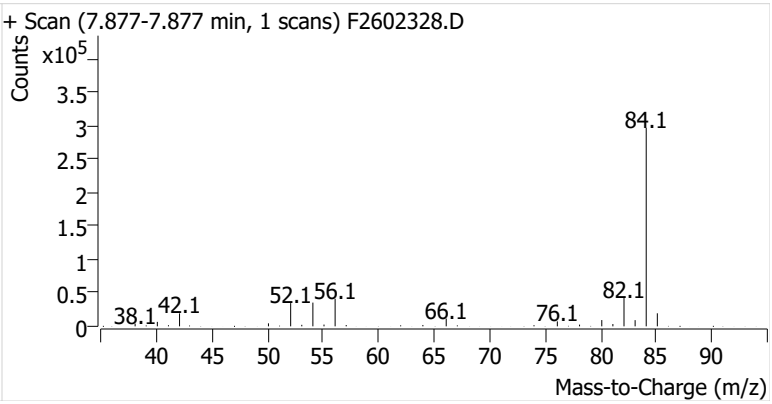
Sample Chromatogram



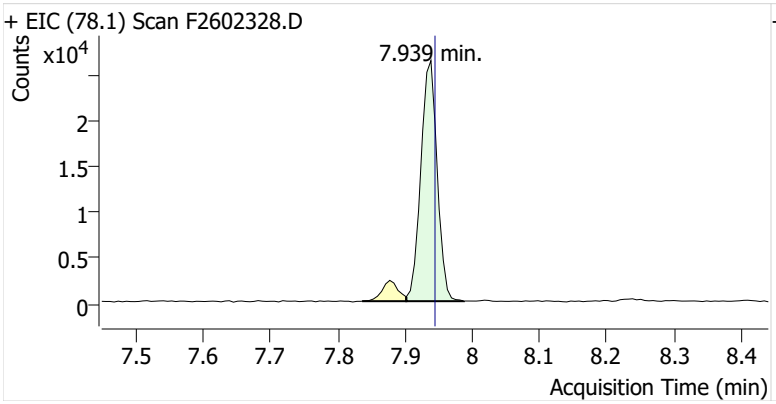
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	493,721	
Benzene	benzene-d6 (IS)	7.939	7.945	44,520	
Toluene-d8 (IS)		10.563	10.569	512,867	
Toluene	Toluene-d8 (IS)	10.661	10.667	70,312	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	9,993	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	25,923	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	10,427	

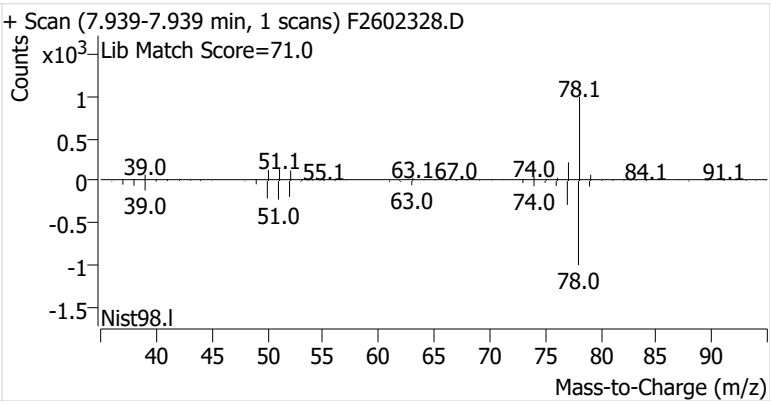
benzene-d6 (IS)



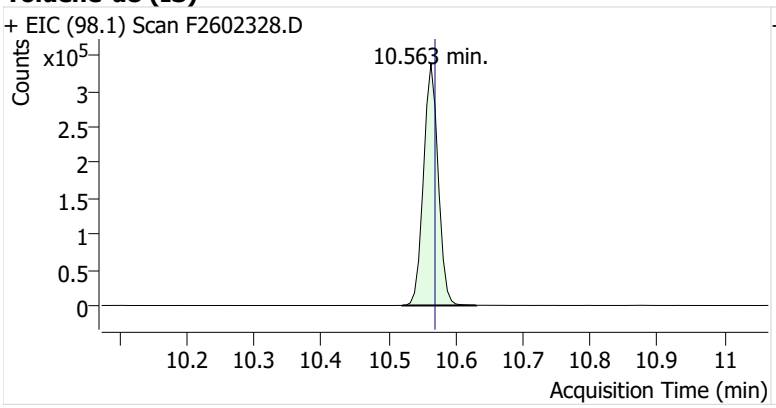


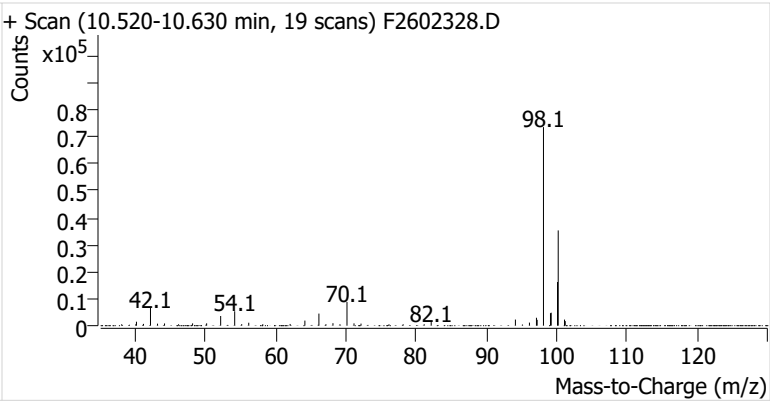
Benzene



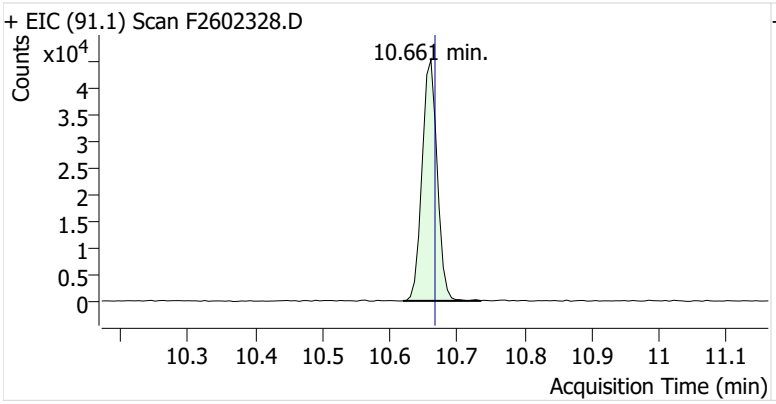


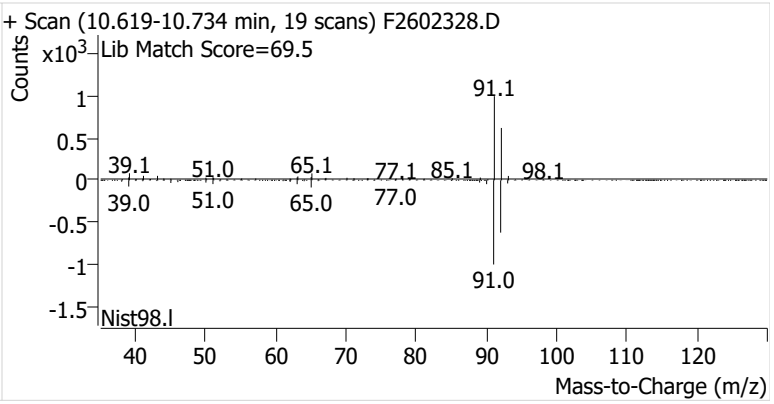
Toluene-d8 (IS)



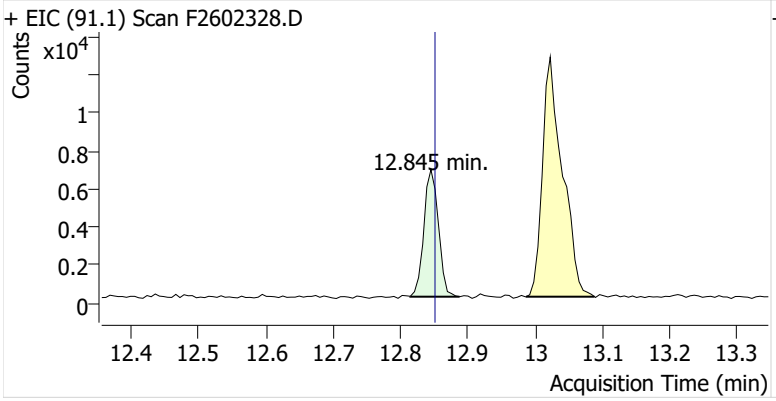


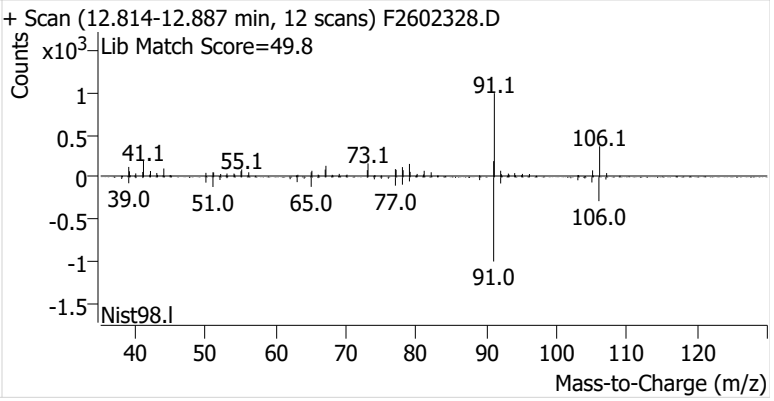
Toluene



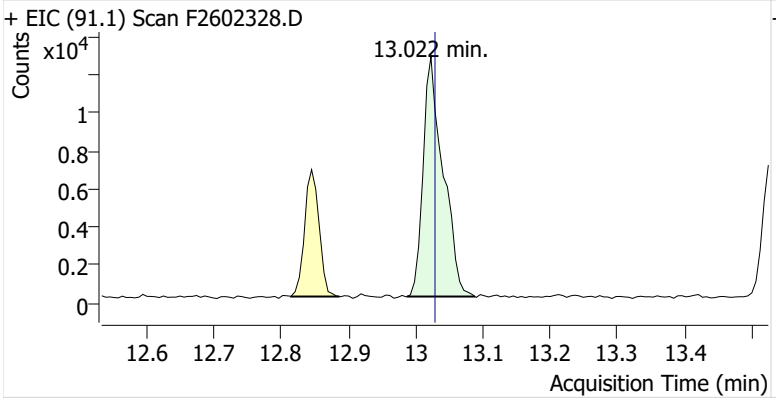


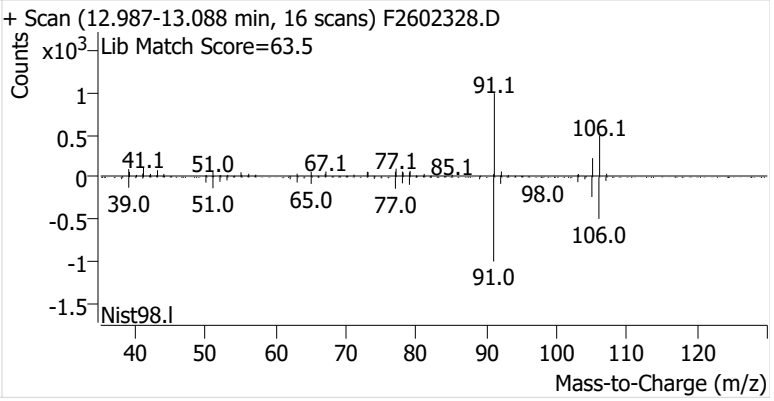
Ethylbenzene



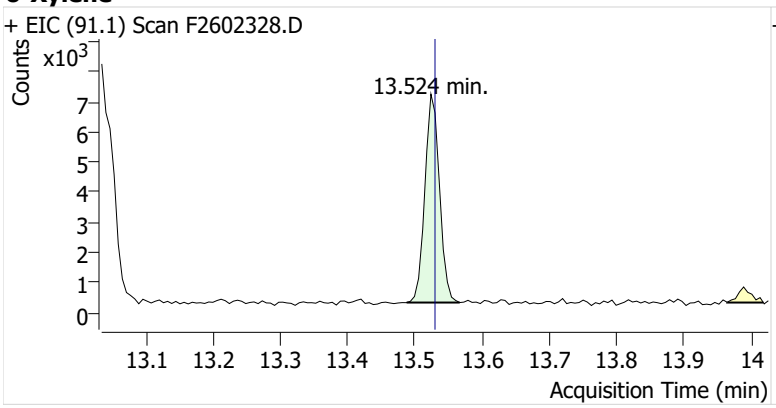


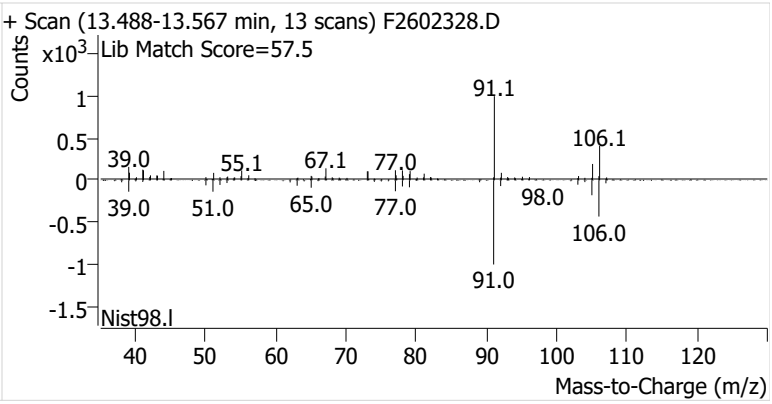
m-/p-Xylenes





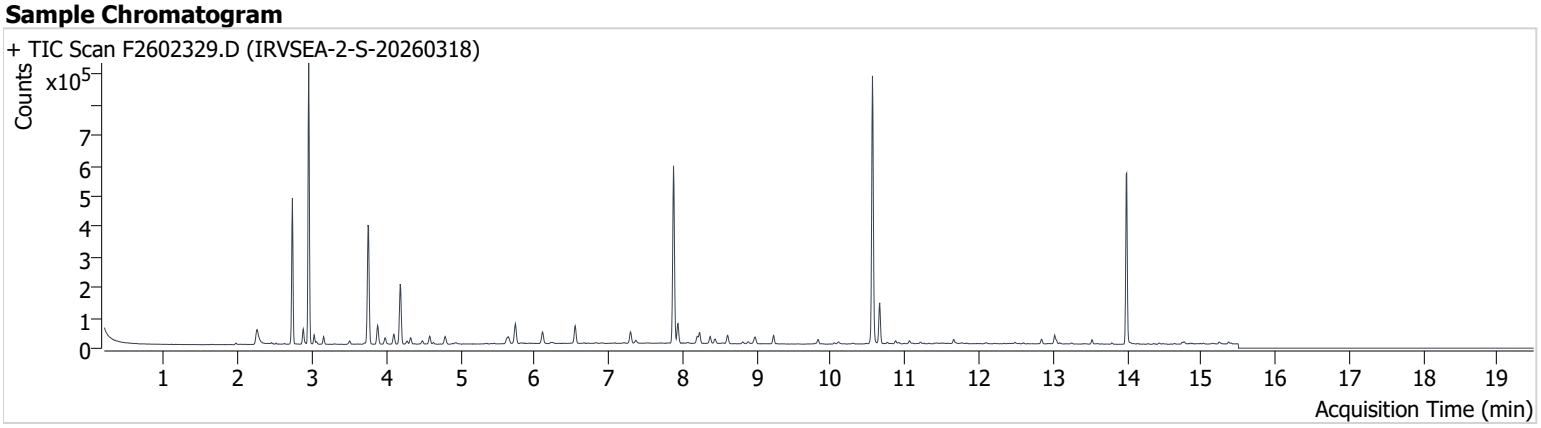
o-Xylene


+ EIC (91.1) Scan F2602328.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.488-13.567 min, 13 scans) F2602328.D
Lib Match Score=57.5
Counts
x10^3
91.1
106.1
39.0
55.1
67.1
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

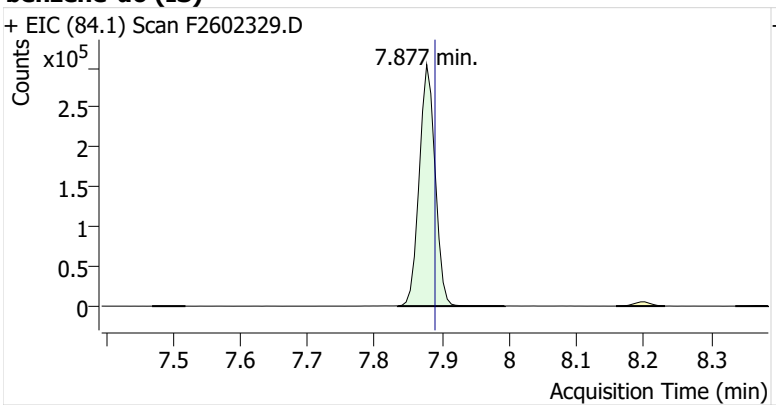
Name	IRVSEA-2-S-20260318
Comment	B50714
Data File	F2602329.D
Acq. Date-Time	4/2/2026 4:30:41 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

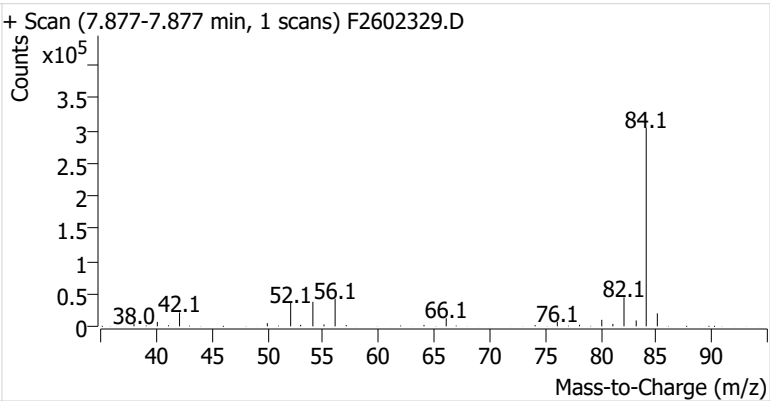
Sample Chromatogram



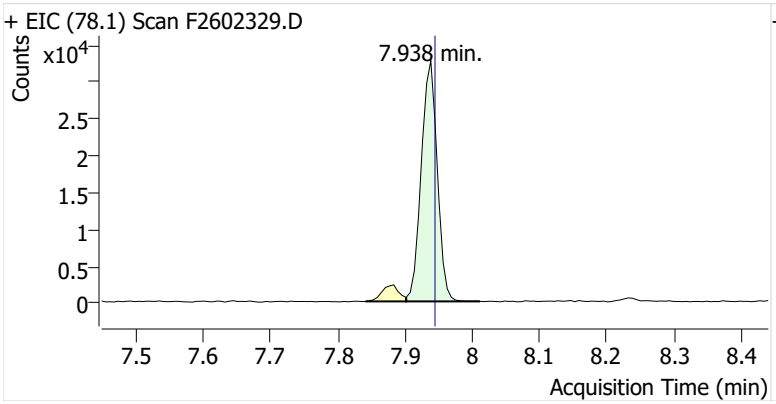
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	498,243	
Benzene	benzene-d6 (IS)	7.938	7.945	53,986	
Toluene-d8 (IS)		10.563	10.569	523,074	
Toluene	Toluene-d8 (IS)	10.661	10.667	82,870	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,095	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	20,254	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	8,194	

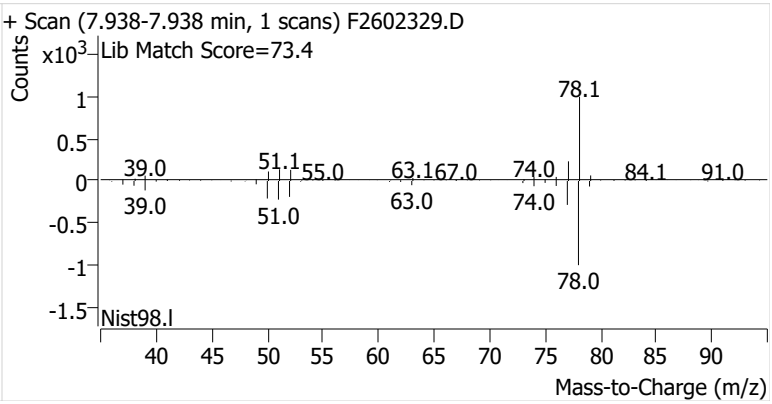
benzene-d6 (IS)



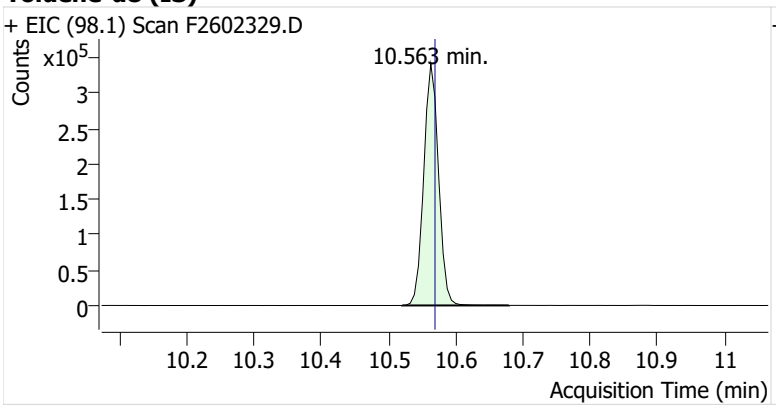


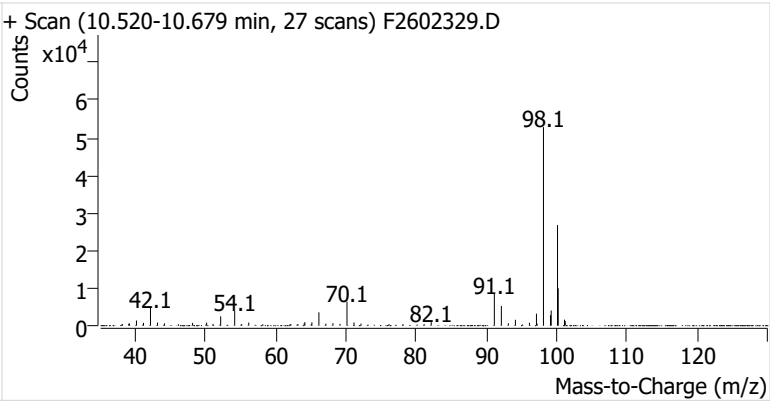
Benzene



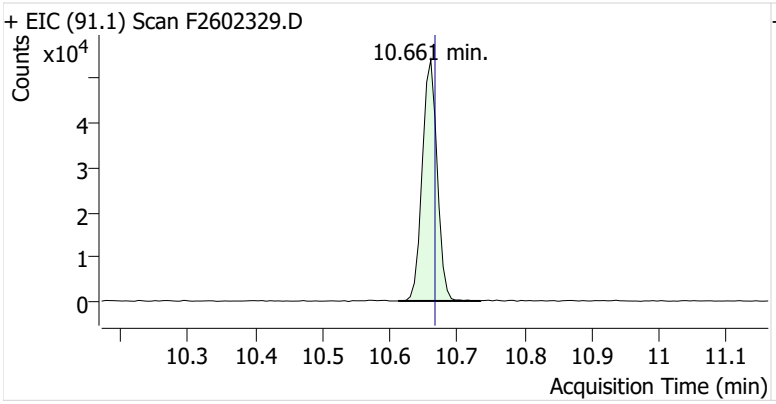


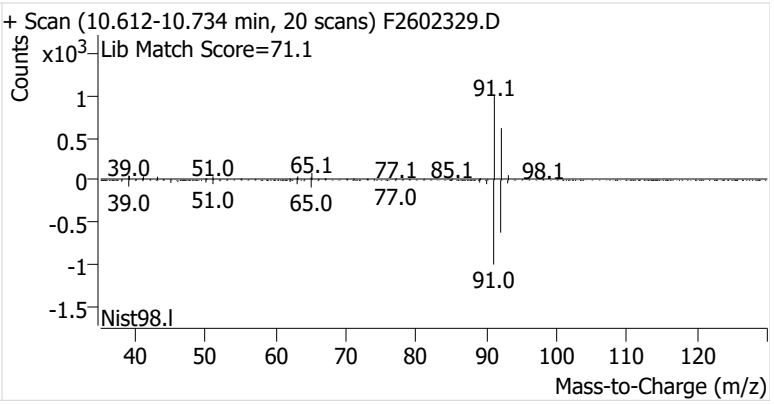
Toluene-d8 (IS)



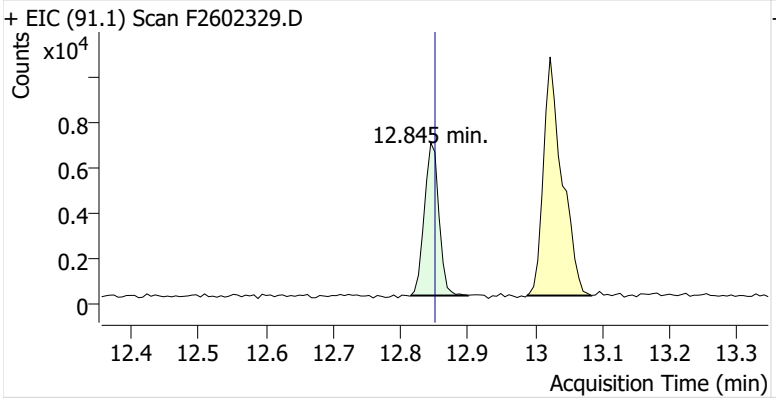


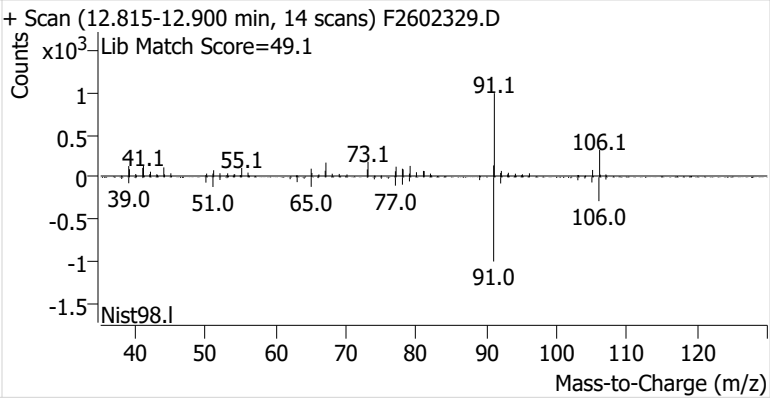
Toluene



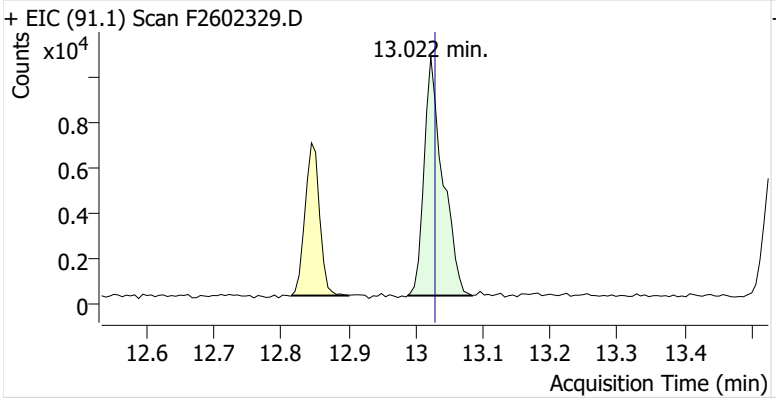


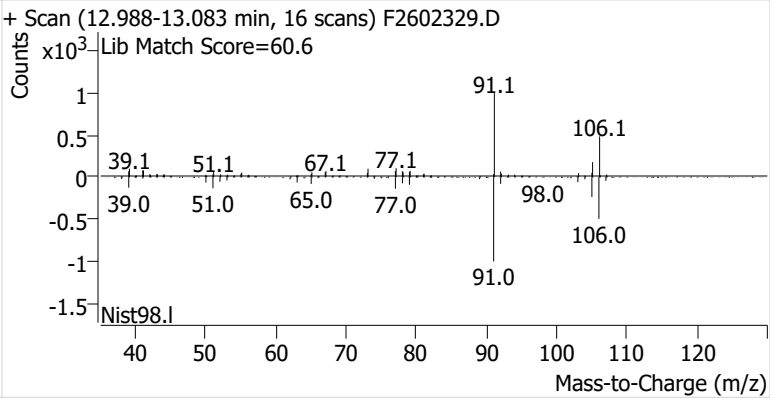
Ethylbenzene



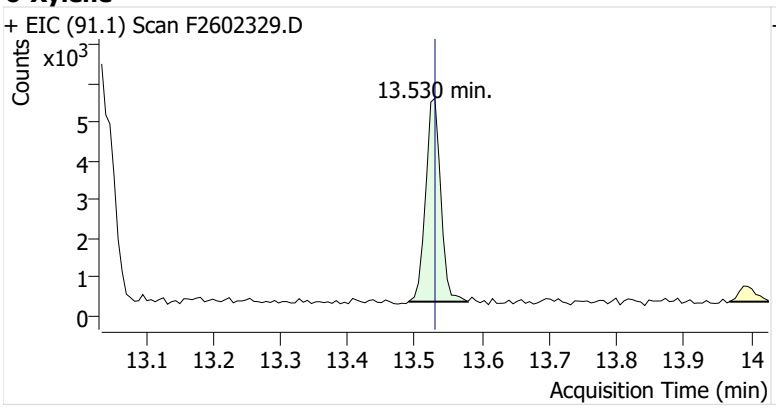


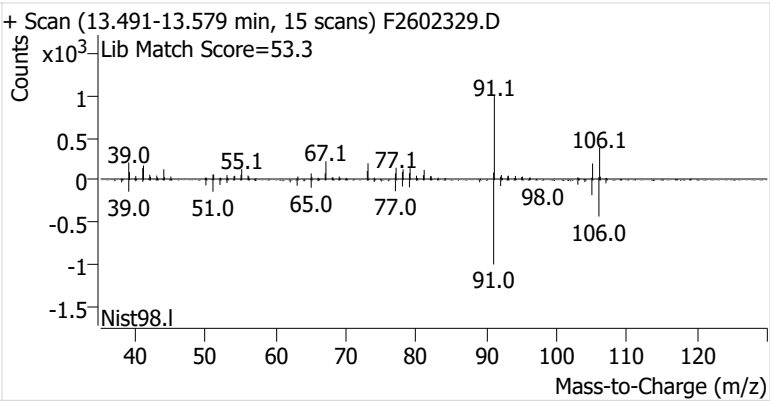
m-/p-Xylenes





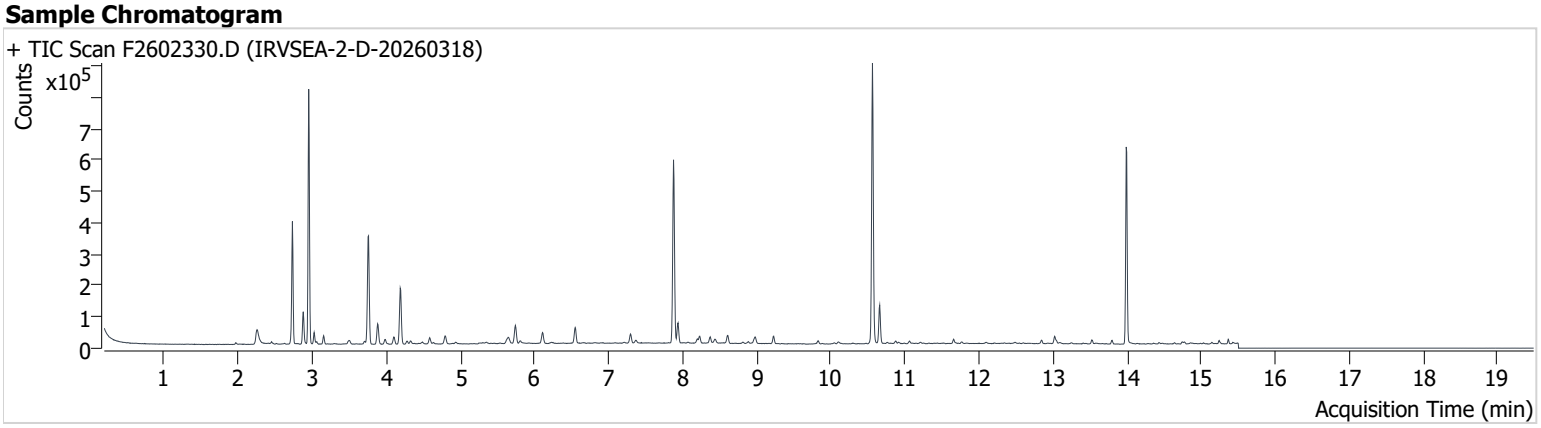
o-Xylene


+ EIC (91.1) Scan F2602329.D
Counts
x10^3
13.530 min.
Acquisition Time (min)


+ Scan (13.491-13.579 min, 15 scans) F2602329.D
Lib Match Score=53.3
Counts
x10^3
91.1
106.1
39.0
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

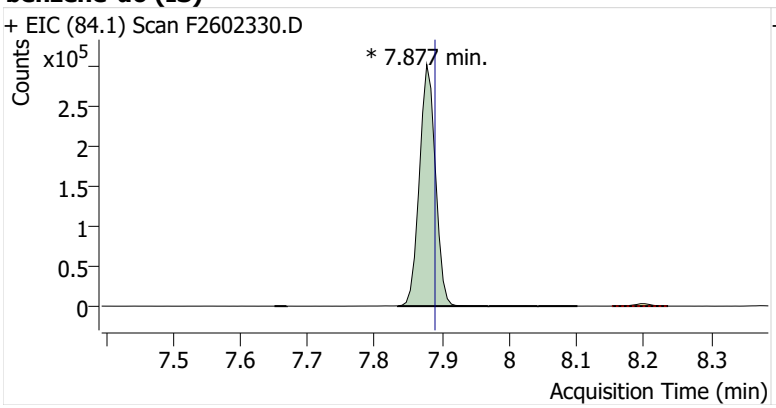
Name	IRVSEA-2-D-20260318
Comment	C67263
Data File	F2602330.D
Acq. Date-Time	4/2/2026 4:56:02 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

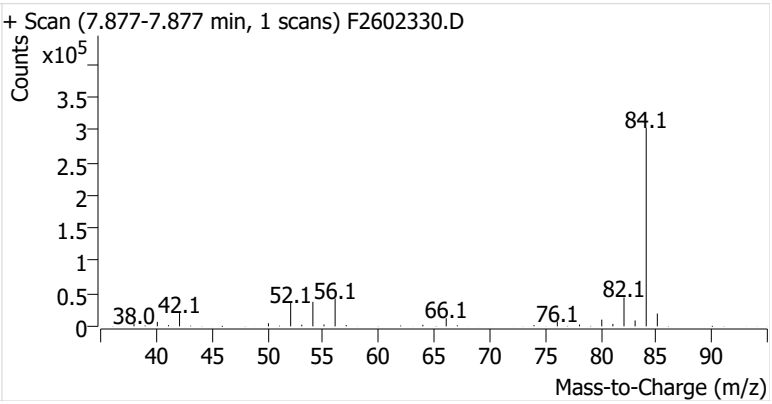
Sample Chromatogram



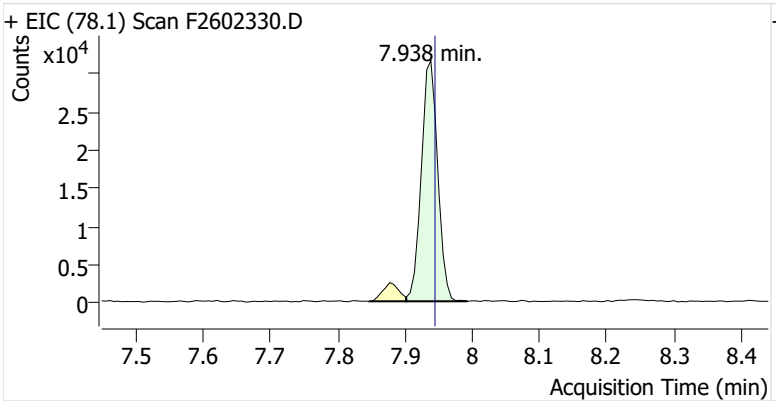
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	501,374	m
Benzene	benzene-d6 (IS)	7.938	7.945	53,216	
Toluene-d8 (IS)		10.563	10.569	526,304	
Toluene	Toluene-d8 (IS)	10.661	10.667	75,570	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	7,020	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	16,340	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	6,871	

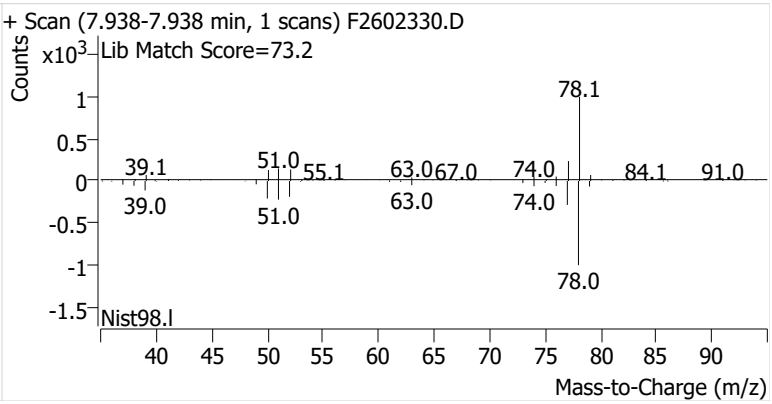
benzene-d6 (IS)



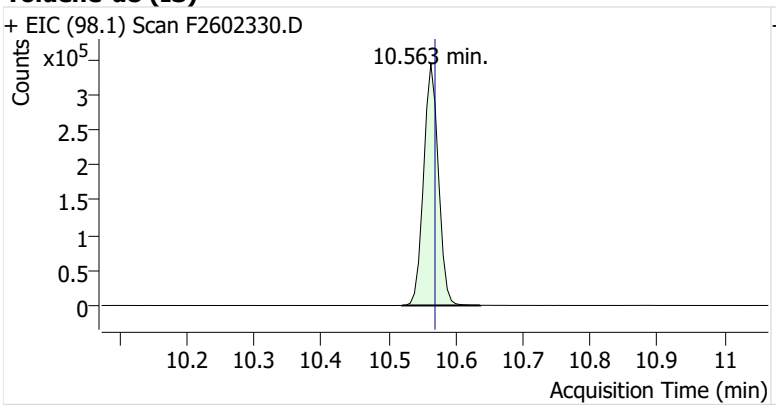


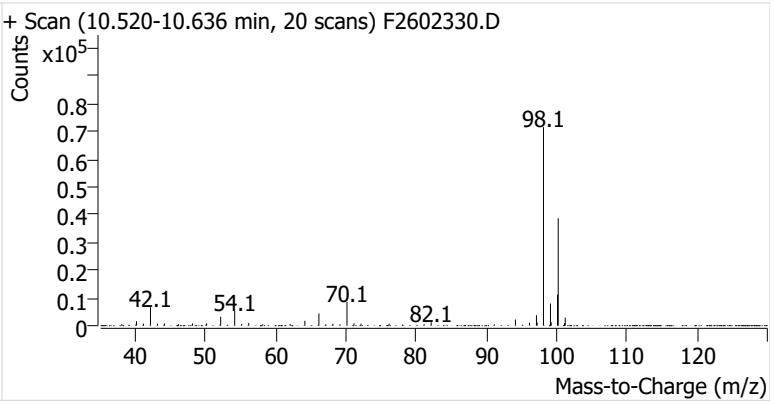
Benzene



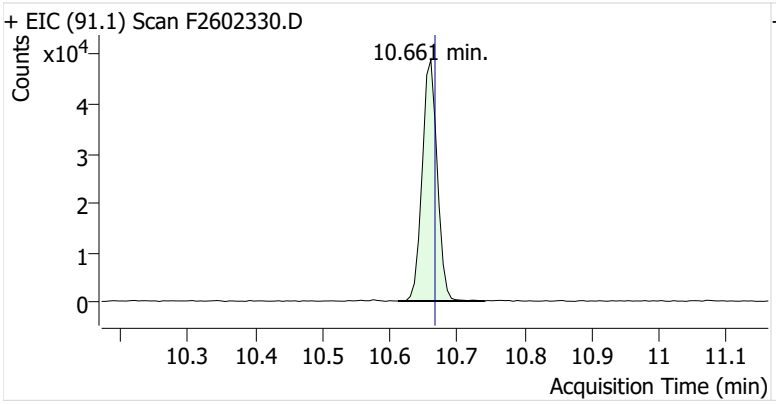


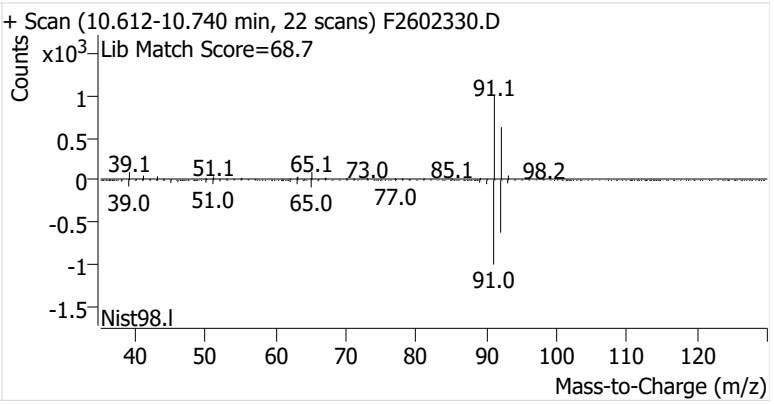
Toluene-d8 (IS)



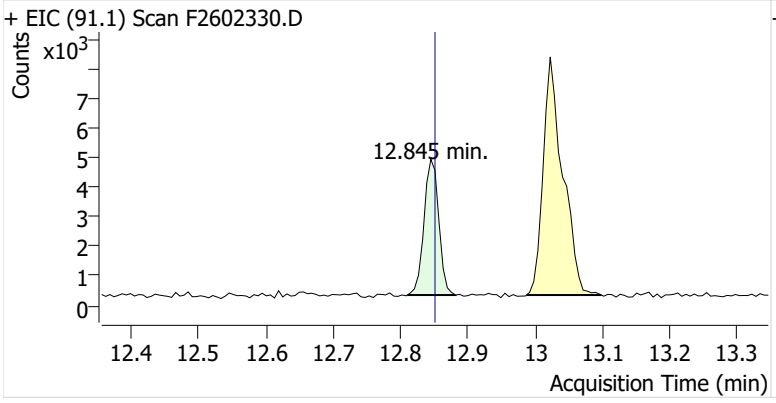


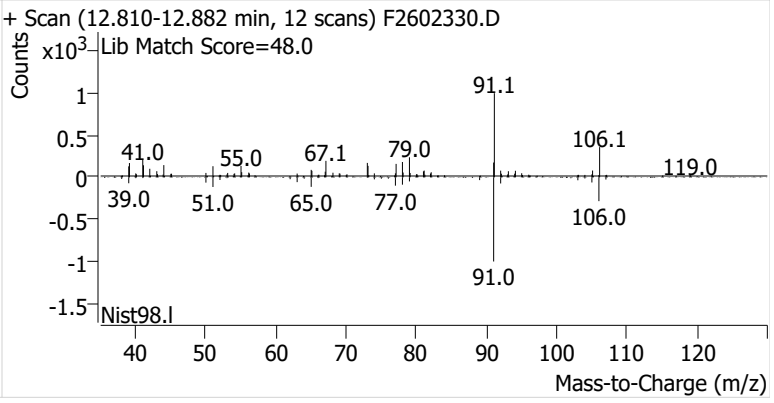
Toluene



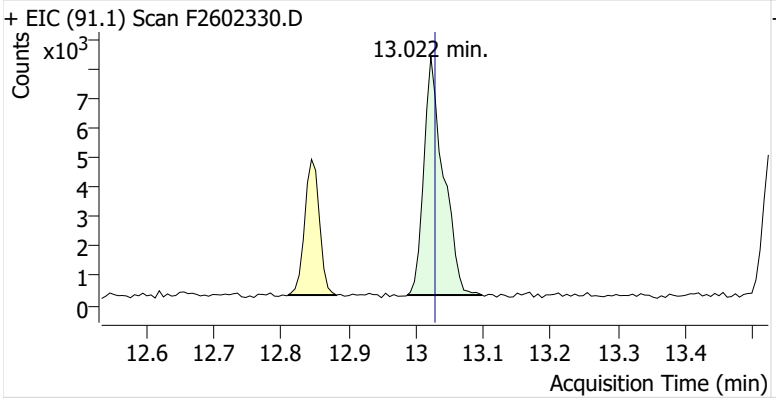


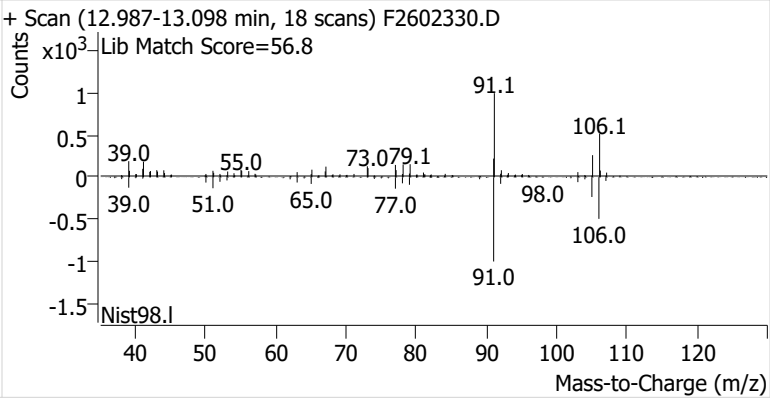
Ethylbenzene



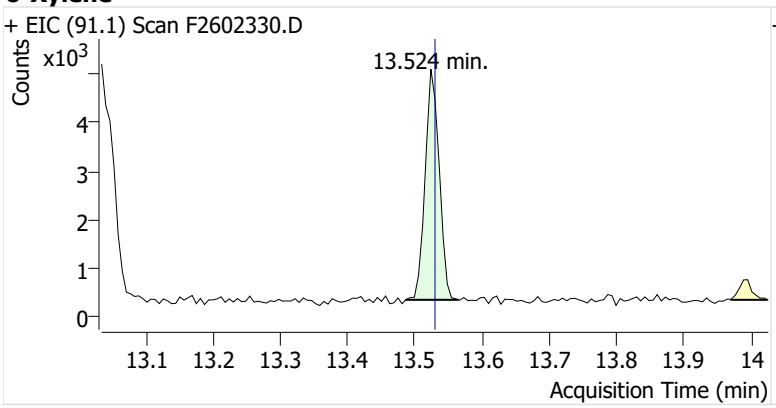


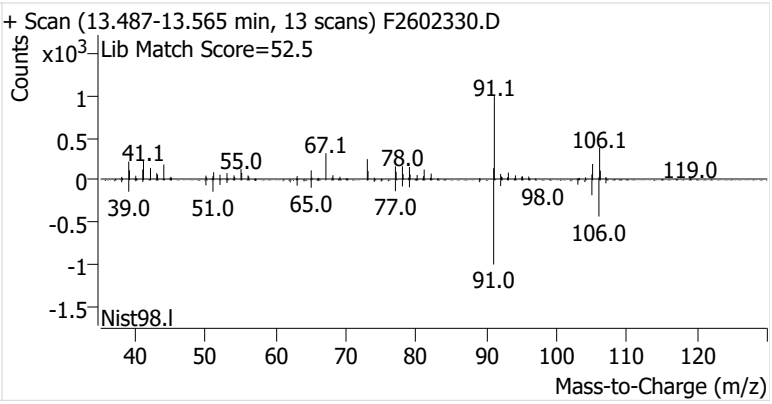
m-/p-Xylenes





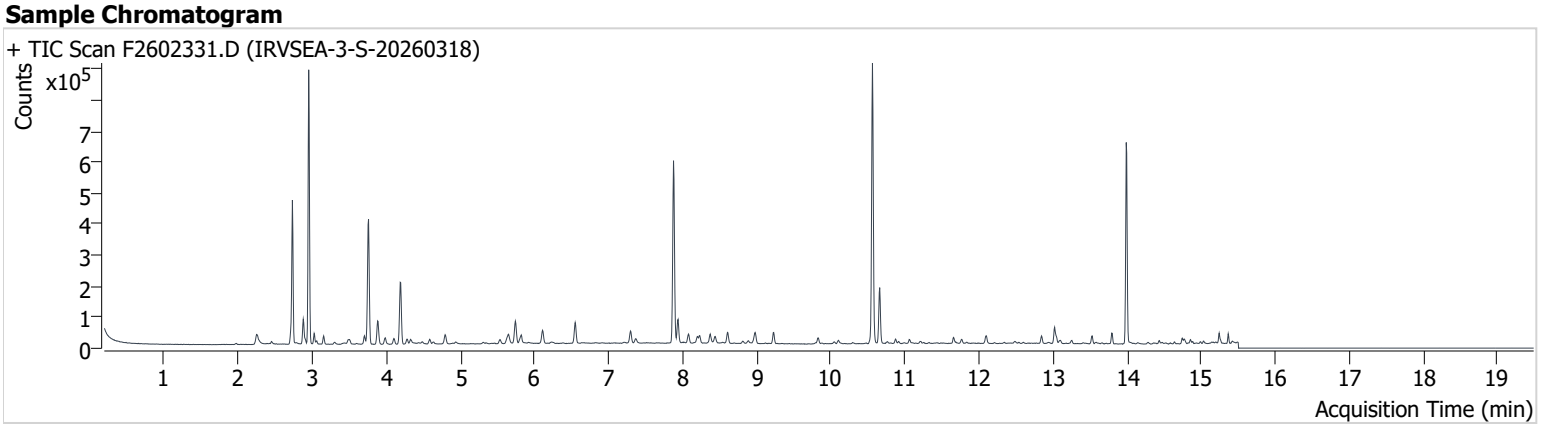
o-Xylene


+ EIC (91.1) Scan F2602330.D
Counts
x10^3
13.524 min.
4
3
2
1
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.487-13.565 min, 13 scans) F2602330.D
Counts
x10^3
Lib Match Score=52.5
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.0
67.1
78.0
106.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

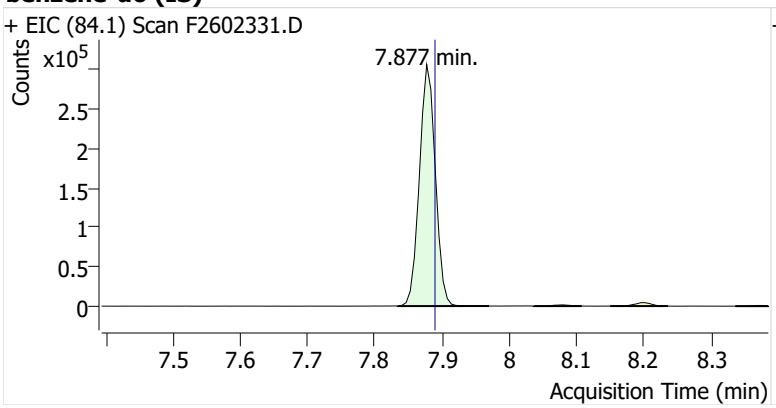
Name	IRVSEA-3-S-20260318
Comment	C69437
Data File	F2602331.D
Acq. Date-Time	4/2/2026 5:21:23 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

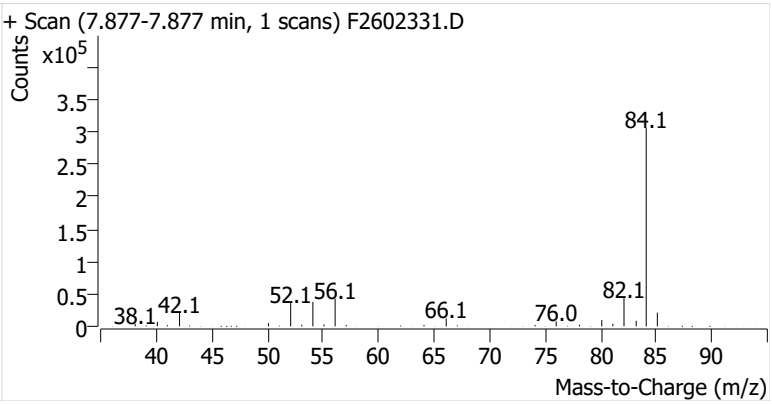
Sample Chromatogram



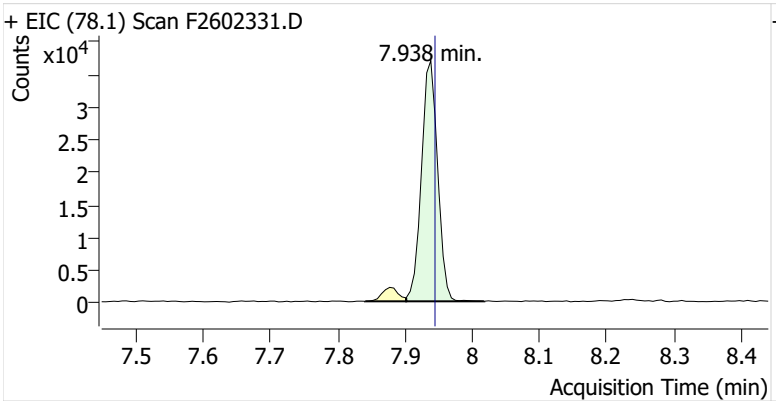
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	502,644	
Benzene	benzene-d6 (IS)	7.938	7.945	61,737	
Toluene-d8 (IS)		10.563	10.569	531,869	
Toluene	Toluene-d8 (IS)	10.661	10.667	108,646	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	14,419	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	37,718	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	14,486	

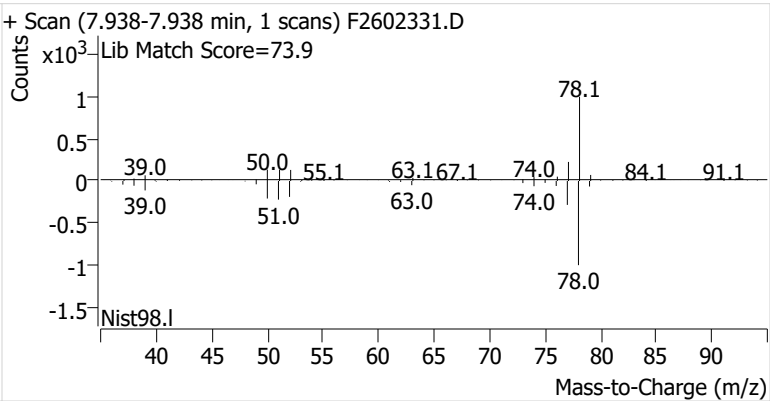
benzene-d6 (IS)



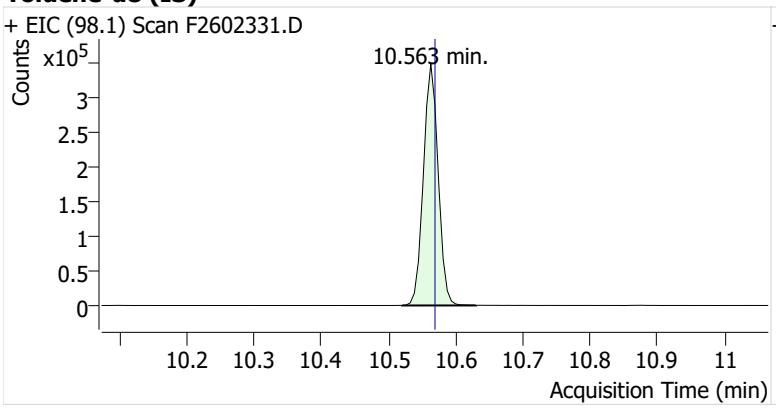


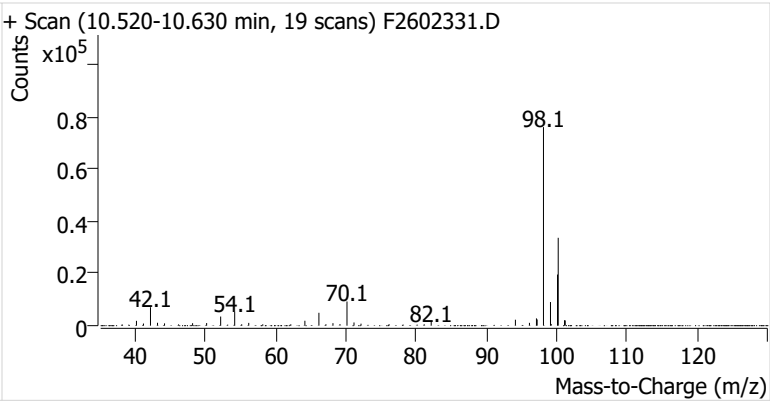
Benzene



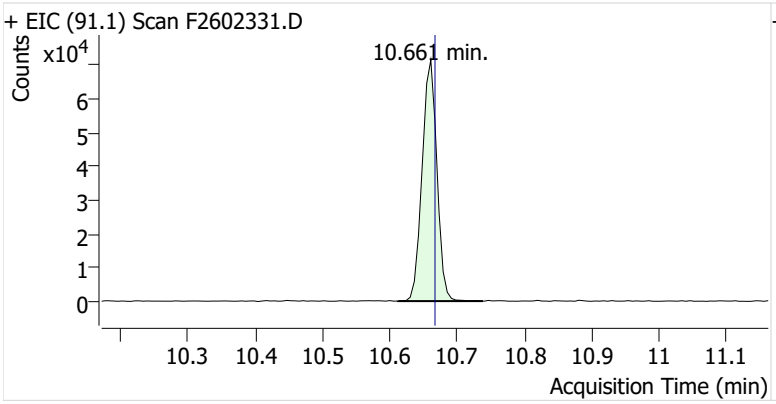


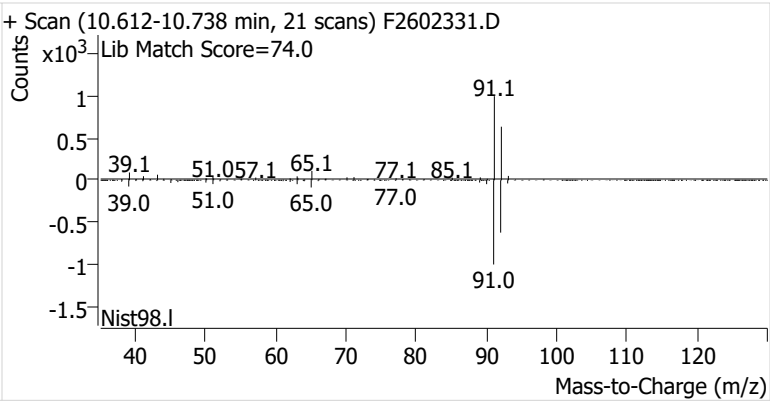
Toluene-d8 (IS)



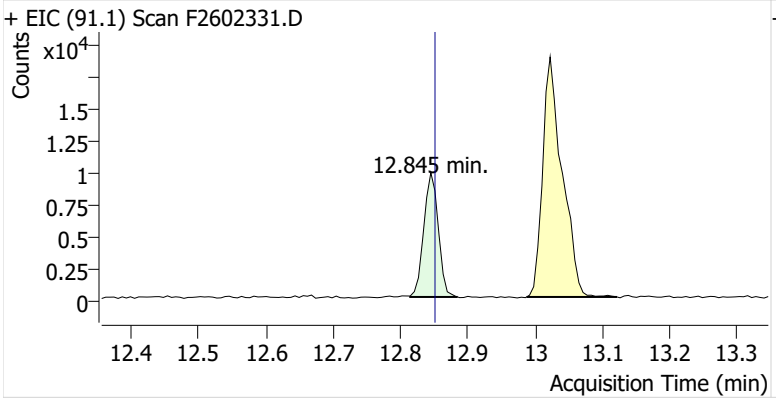


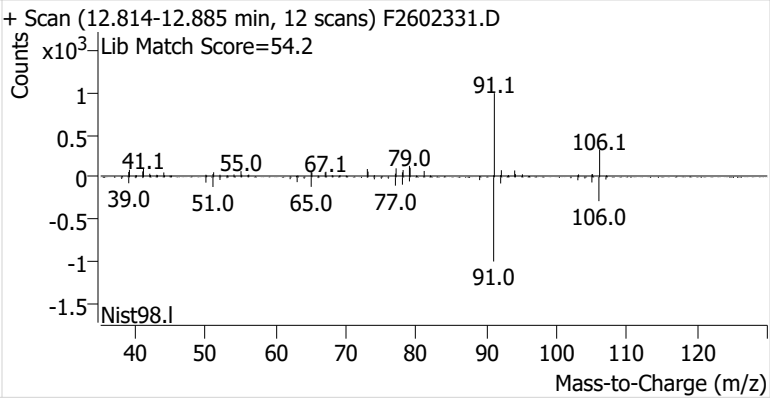
Toluene



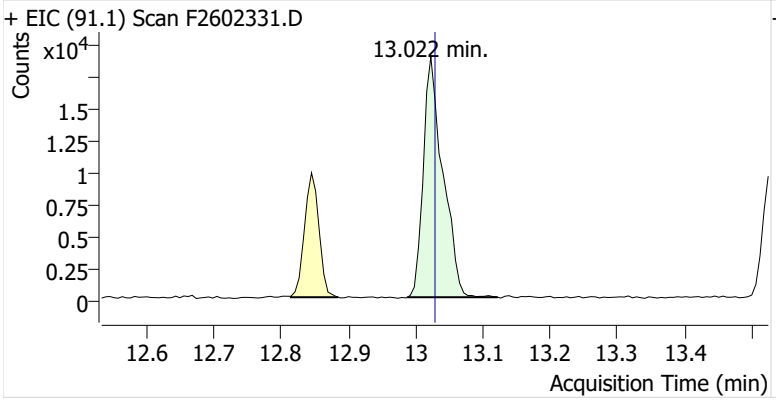


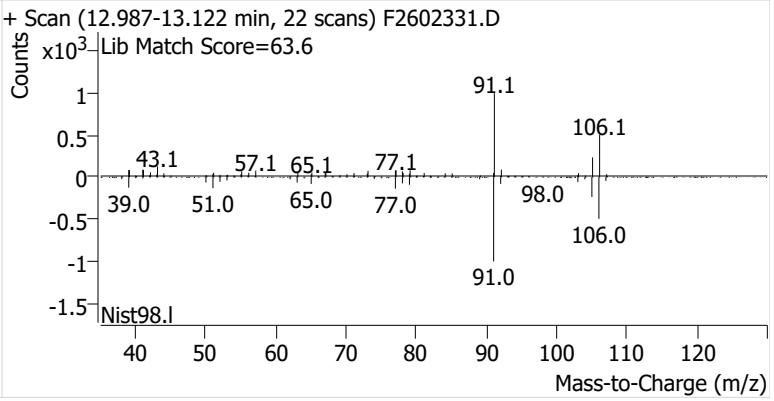
Ethylbenzene



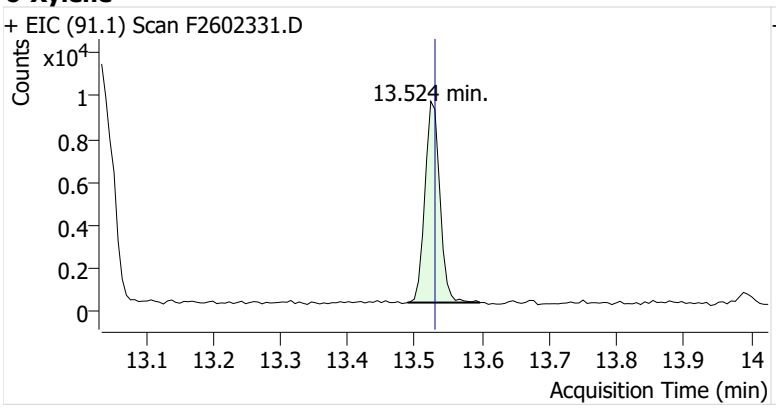


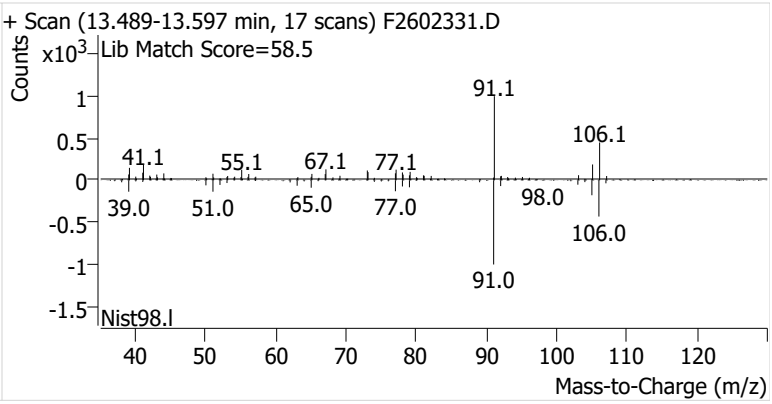
m-/p-Xylenes





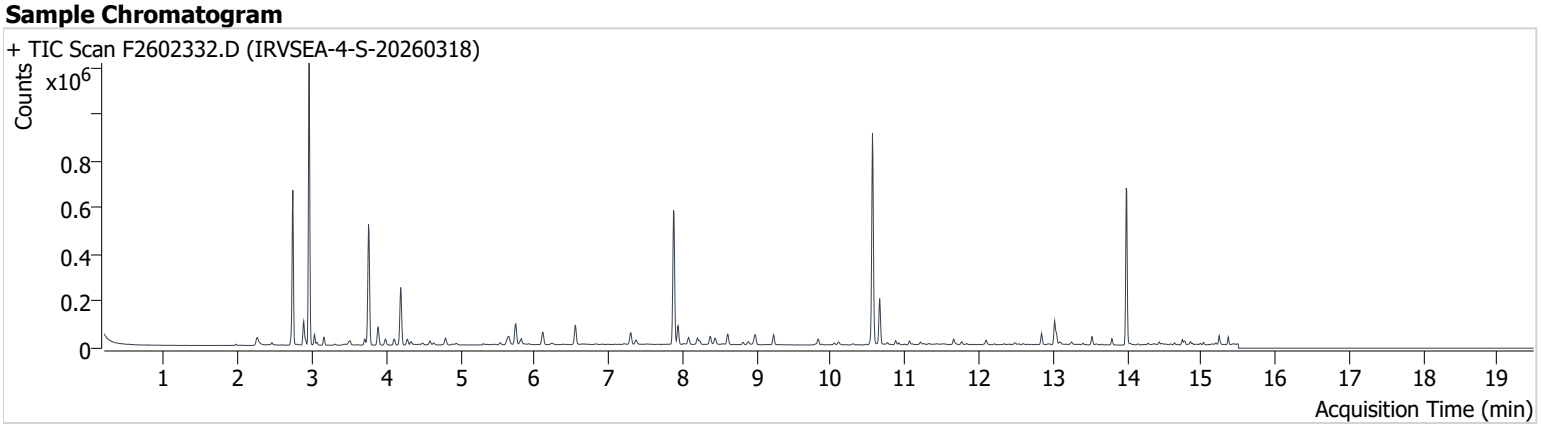
o-Xylene


+ EIC (91.1) Scan F2602331.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.597 min, 17 scans) F2602331.D
Counts
x10^3
Lib Match Score=58.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

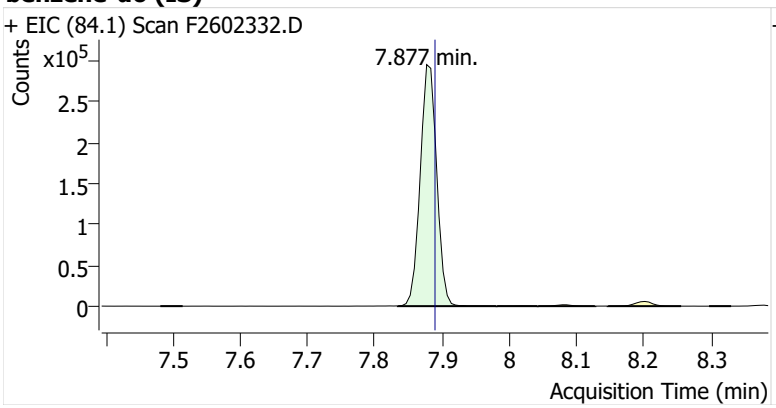
Name	IRVSEA-4-S-20260318
Comment	C69802
Data File	F2602332.D
Acq. Date-Time	4/2/2026 5:46:44 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

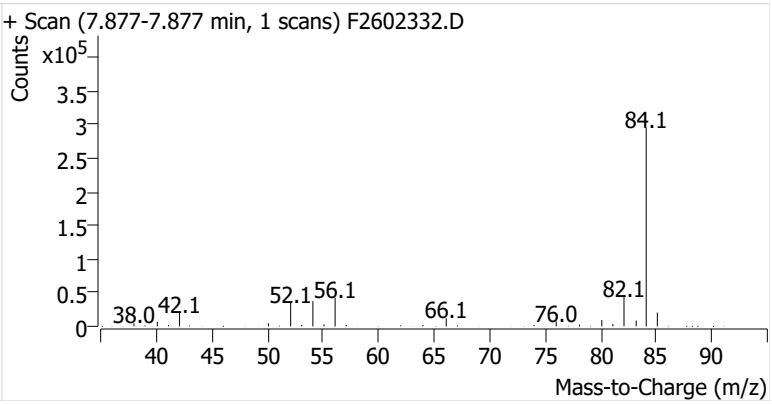
Sample Chromatogram



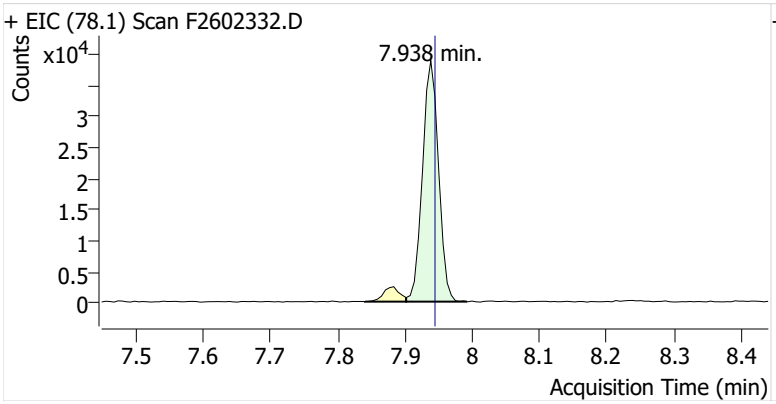
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	504,145	
Benzene	benzene-d6 (IS)	7.938	7.945	64,175	
Toluene-d8 (IS)		10.563	10.569	535,571	
Toluene	Toluene-d8 (IS)	10.661	10.667	117,530	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	30,384	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	74,343	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	19,926	

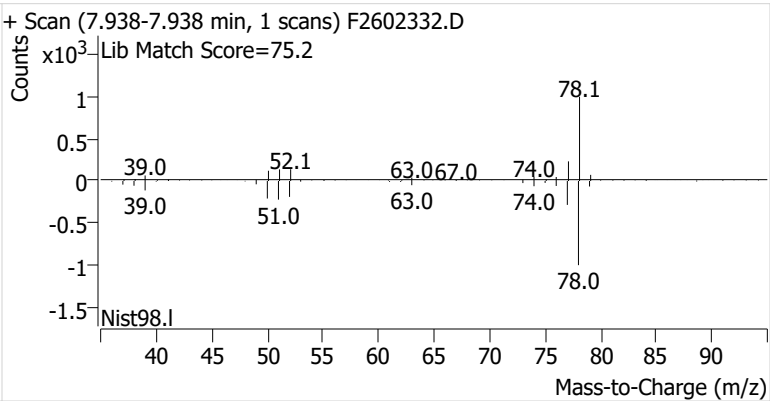
benzene-d6 (IS)



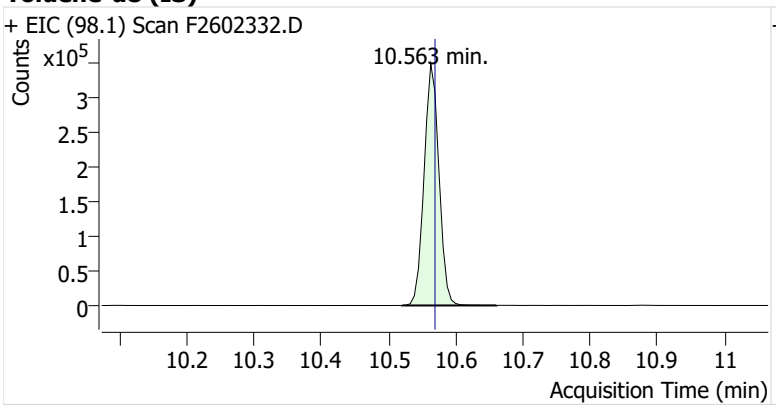


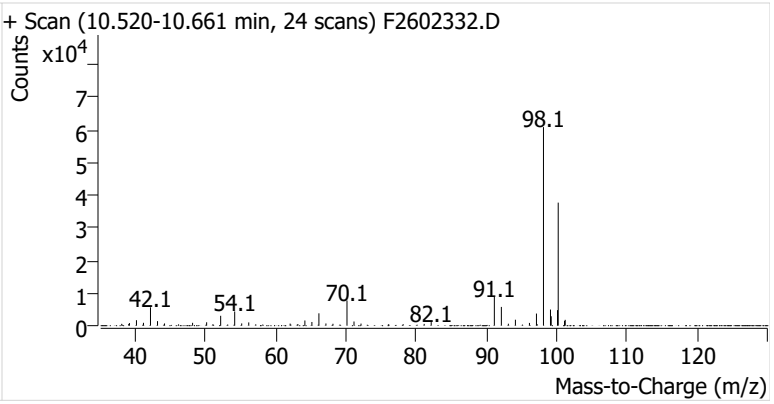
Benzene



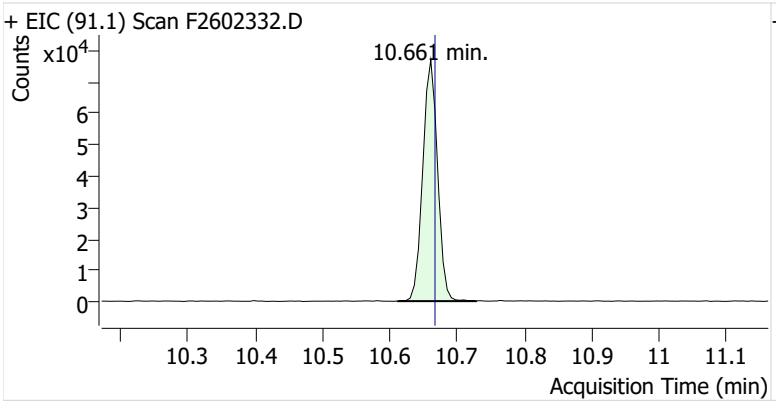


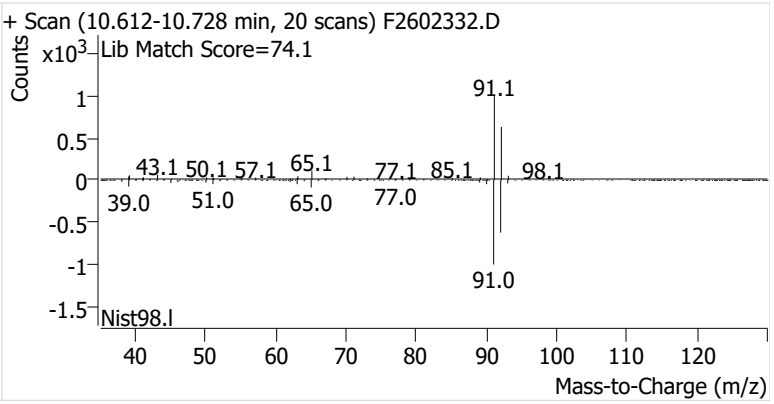
Toluene-d8 (IS)



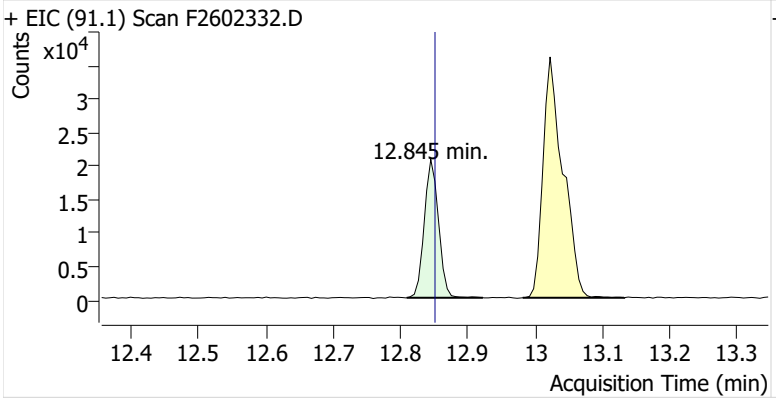


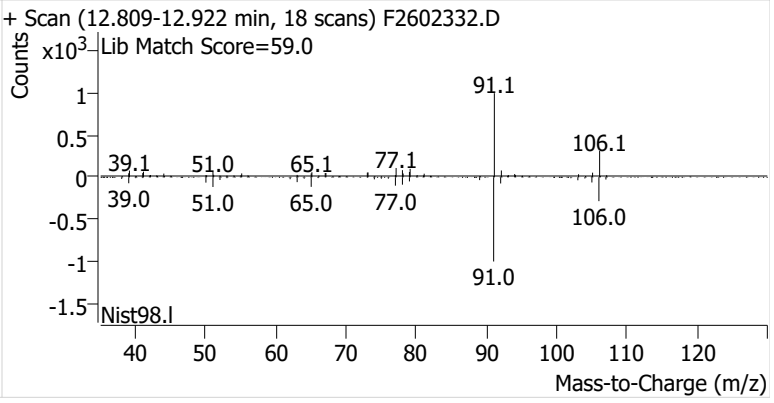
Toluene



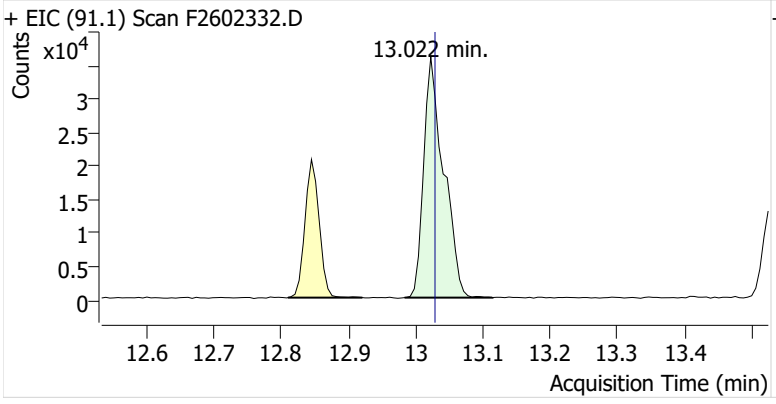


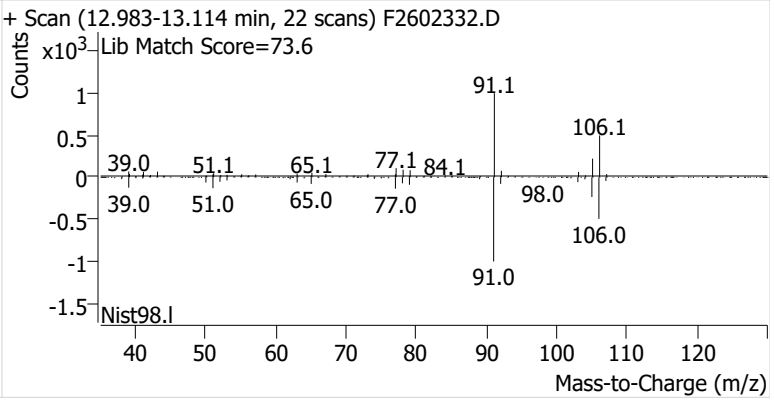
Ethylbenzene



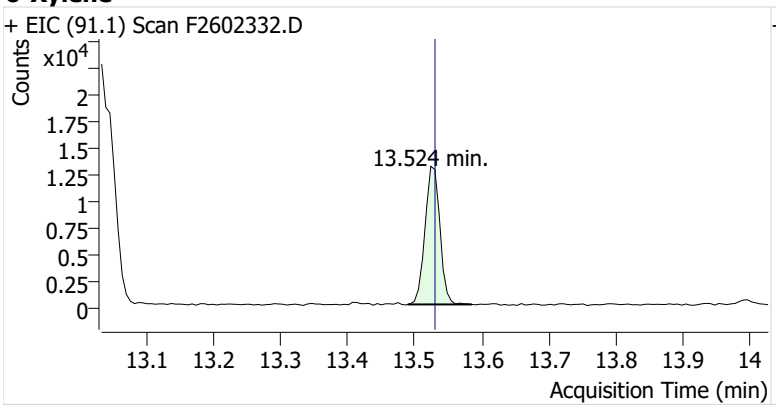


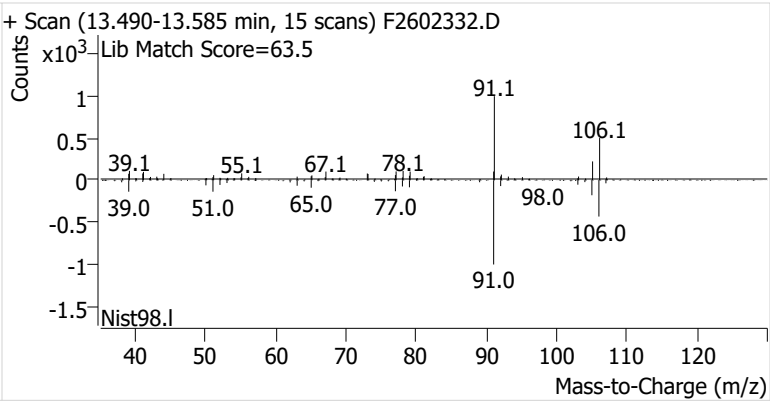
m-/p-Xylenes





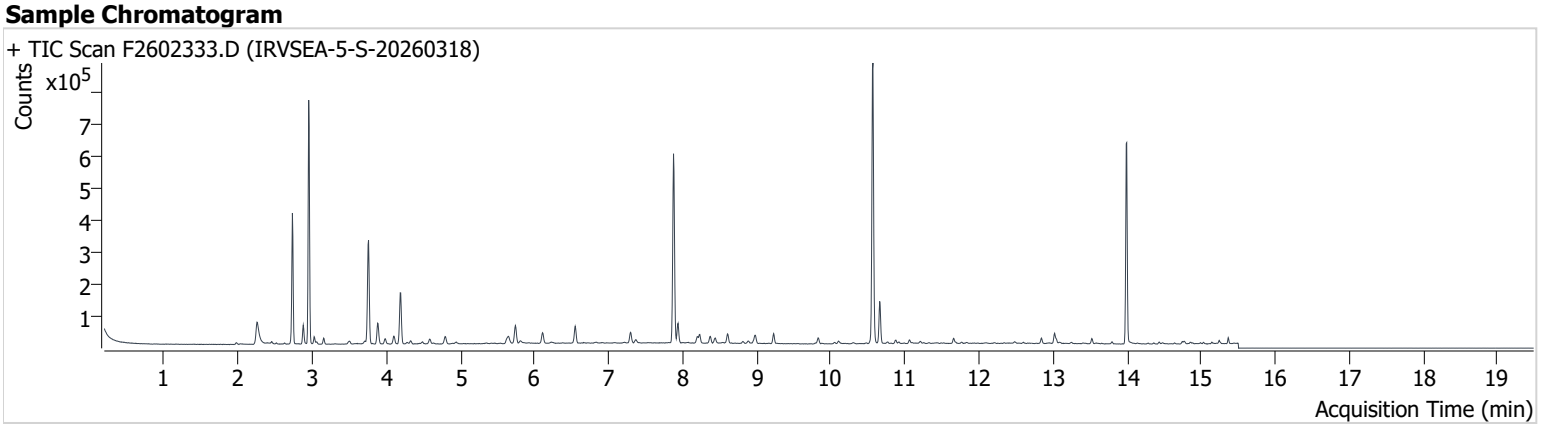
o-Xylene


+ EIC (91.1) Scan F2602332.D
Counts
x10^4
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.490-13.585 min, 15 scans) F2602332.D
Counts
x10^3
Lib Match Score=63.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
78.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

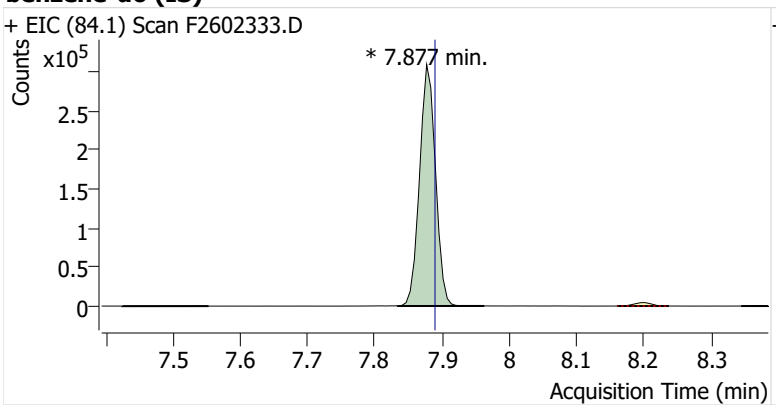
Name	IRVSEA-5-S-20260318
Comment	C39137
Data File	F2602333.D
Acq. Date-Time	4/2/2026 6:12:07 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

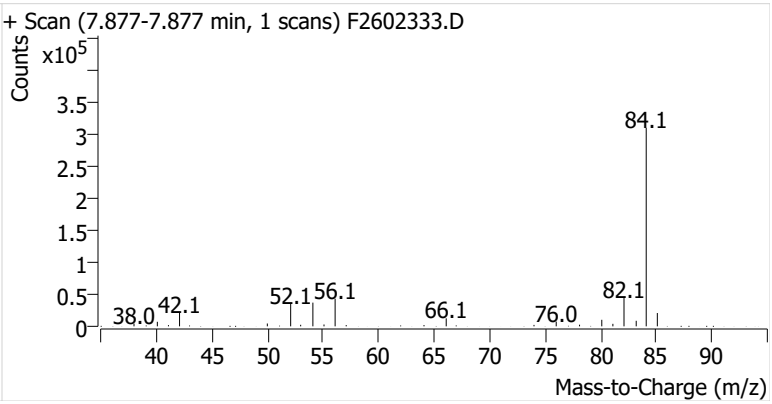
Sample Chromatogram



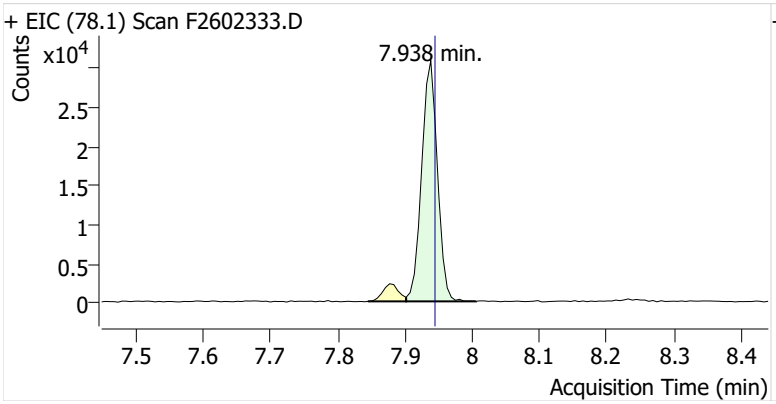
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	509,334	m
Benzene	benzene-d6 (IS)	7.938	7.945	49,993	
Toluene-d8 (IS)		10.569	10.569	536,872	
Toluene	Toluene-d8 (IS)	10.661	10.667	80,668	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,783	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	23,431	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	8,776	

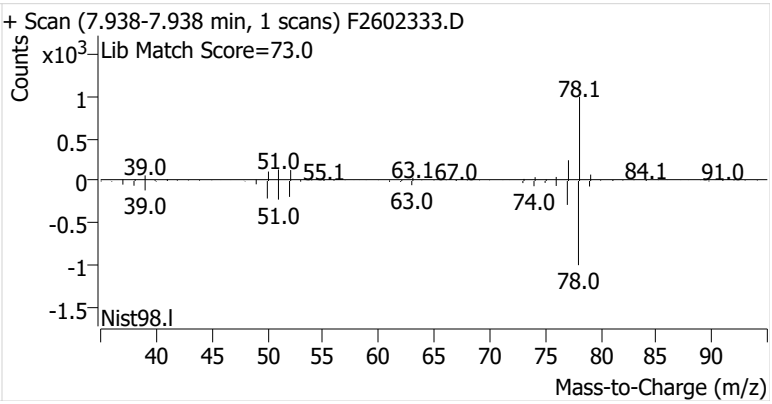
benzene-d6 (IS)



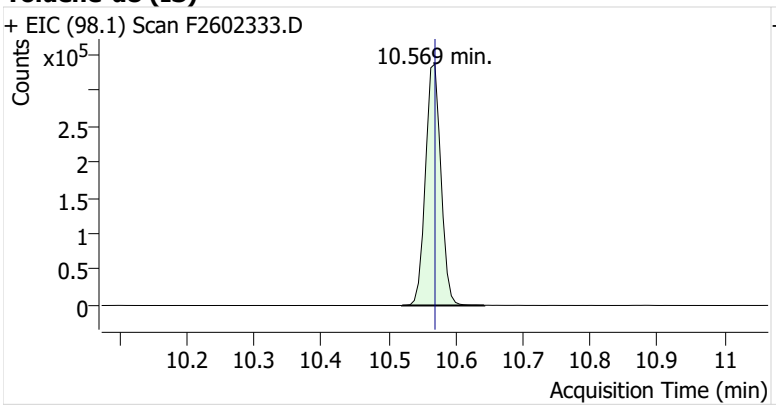


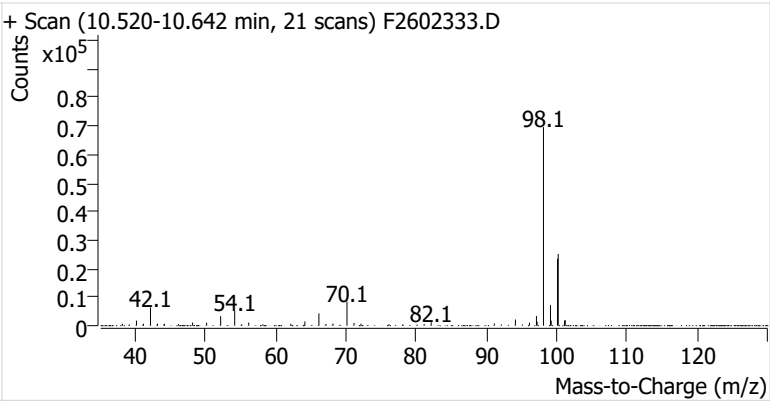
Benzene



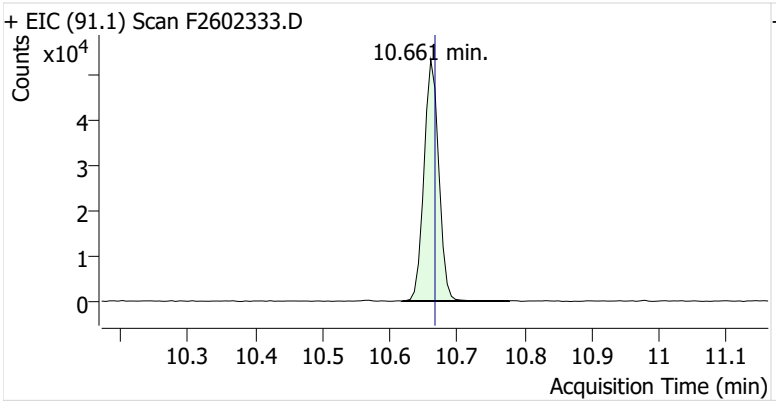


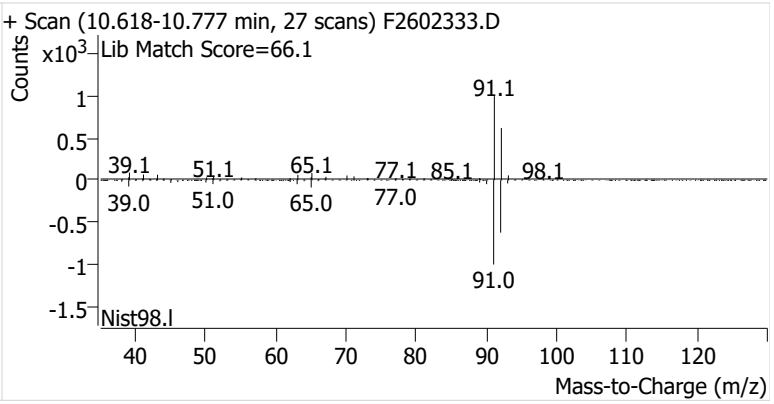
Toluene-d8 (IS)



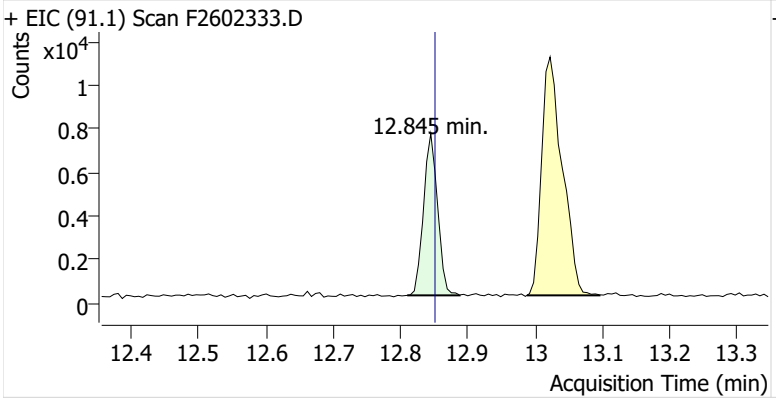


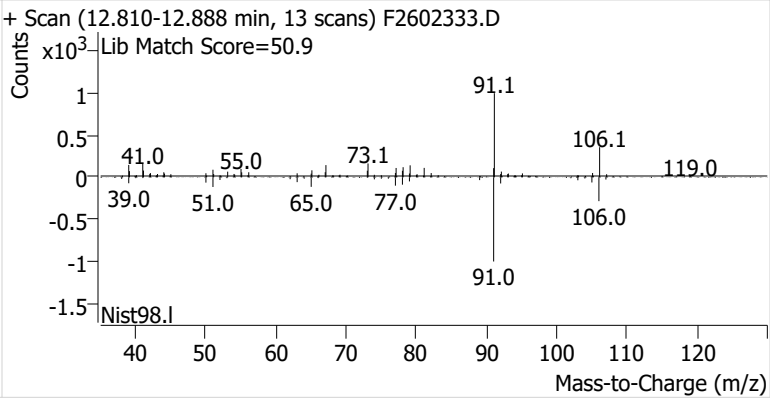
Toluene



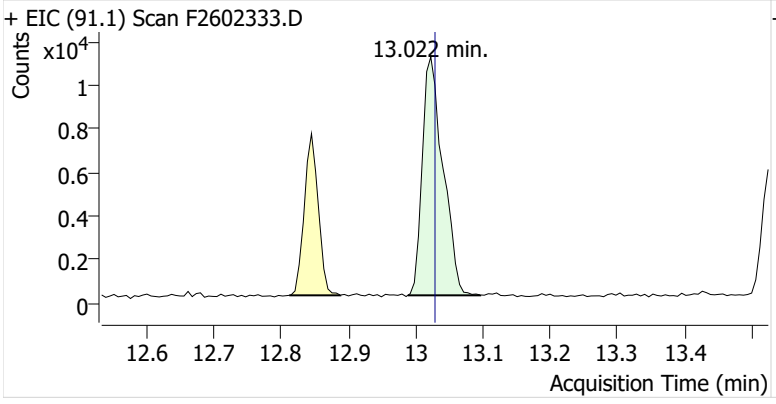


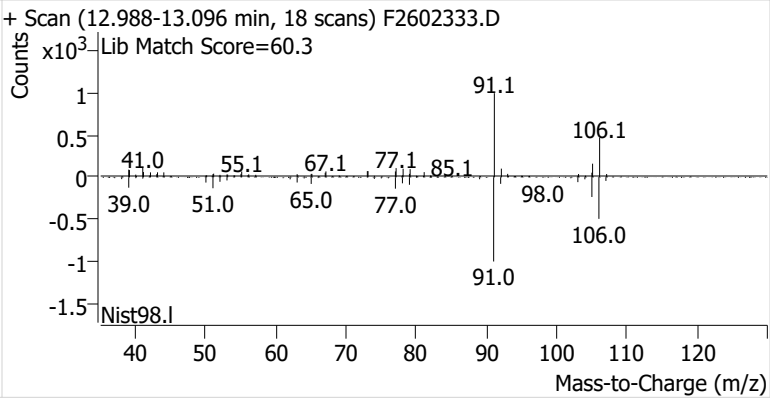
Ethylbenzene



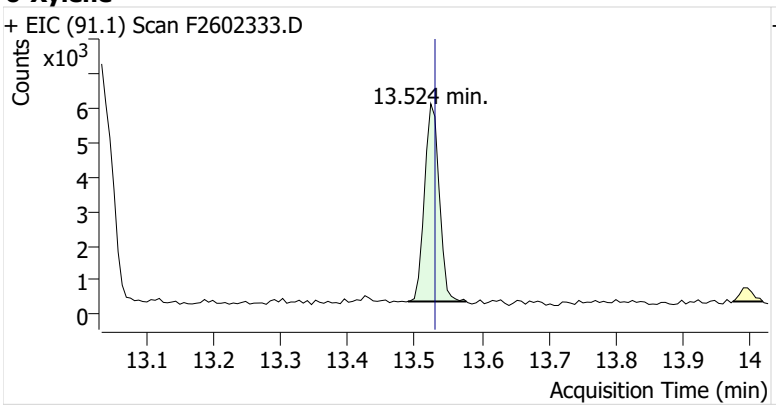


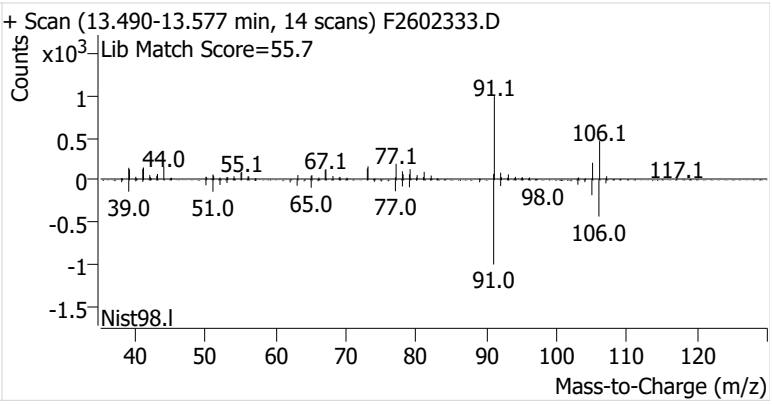
m-/p-Xylenes





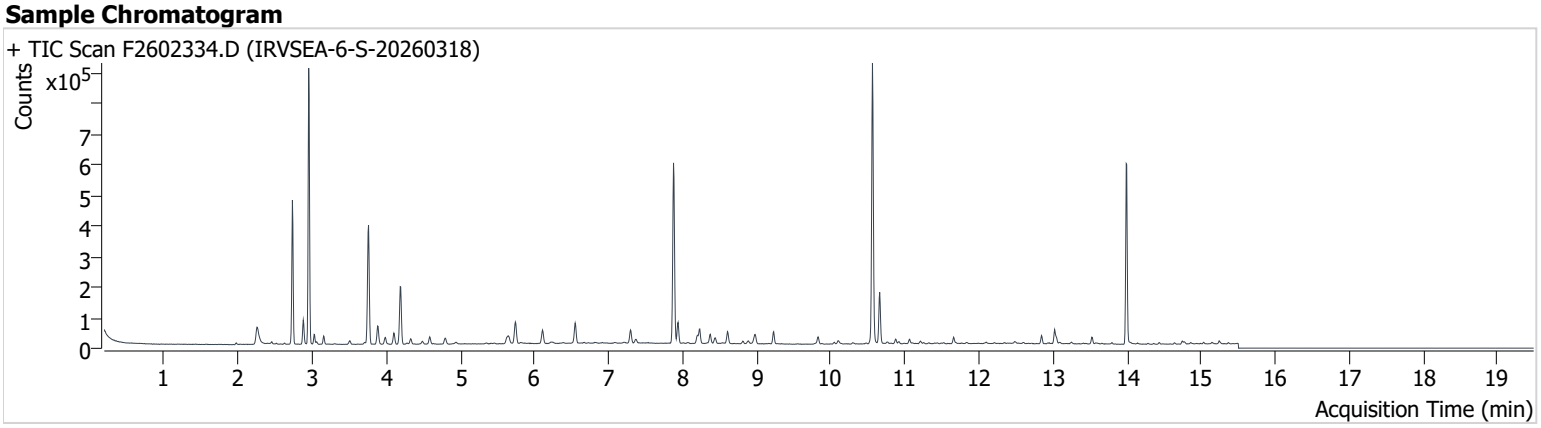
o-Xylene


+ EIC (91.1) Scan F2602333.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.490-13.577 min, 14 scans) F2602333.D
Lib Match Score=55.7
Counts
x10^3
91.1
106.1
44.0
55.1
67.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

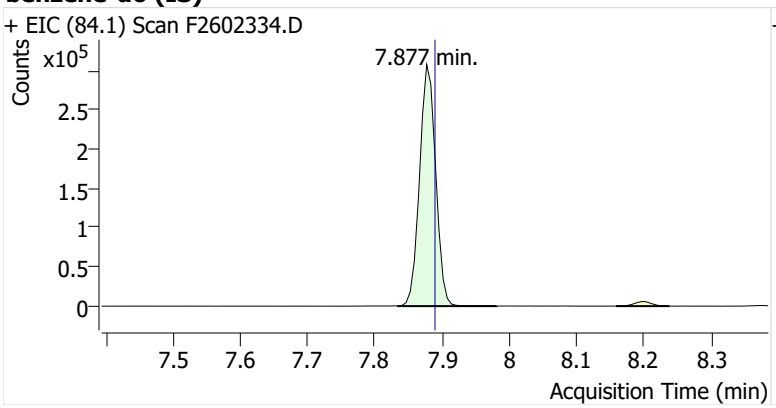
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Comment	C32935
Data File	F2602334.D
Acq. Date-Time	4/2/2026 6:38:18 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

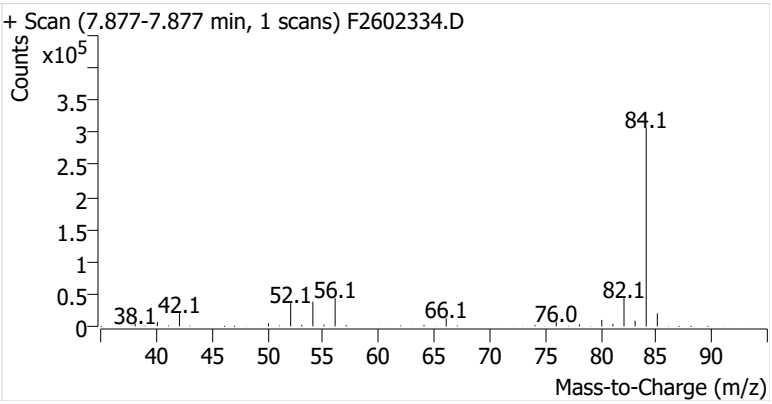
Sample Chromatogram



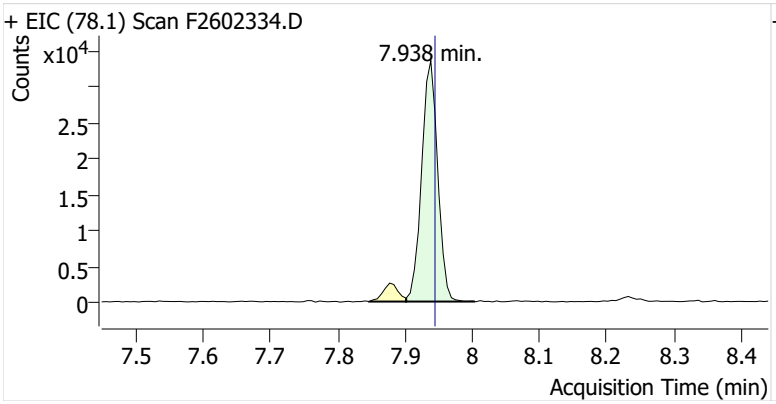
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	511,307	
Benzene	benzene-d6 (IS)	7.938	7.945	55,423	
Toluene-d8 (IS)		10.563	10.569	540,729	
Toluene	Toluene-d8 (IS)	10.661	10.667	102,794	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	17,124	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	33,441	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	13,120	

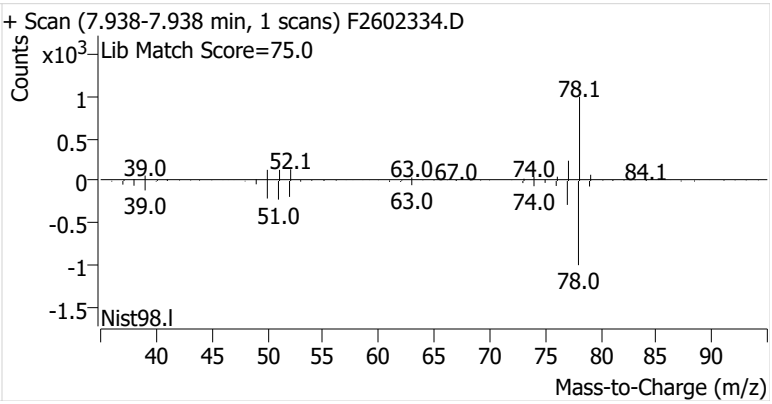
benzene-d6 (IS)



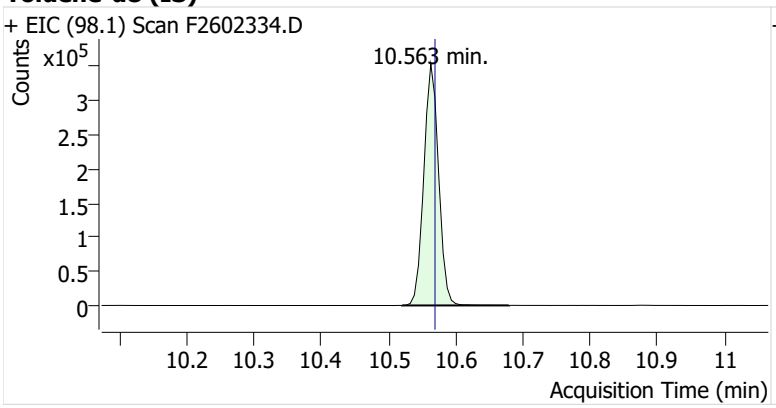


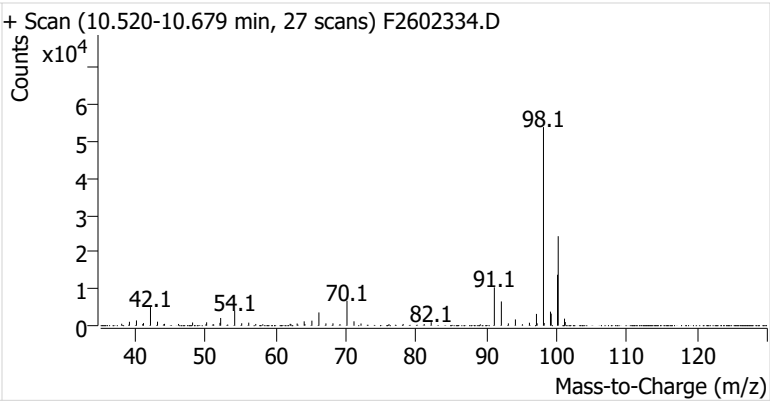
Benzene



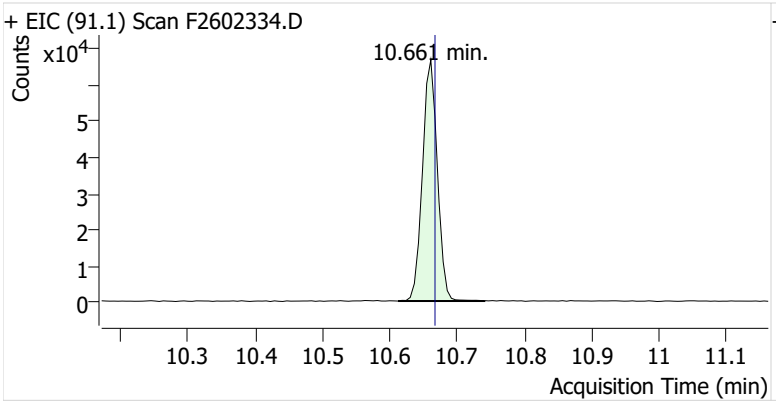


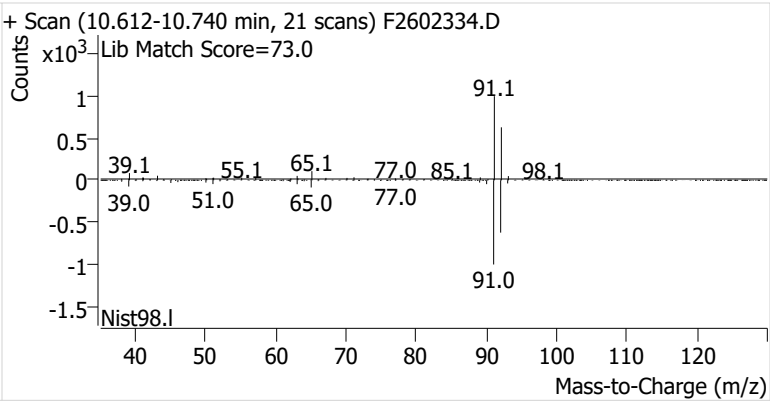
Toluene-d8 (IS)



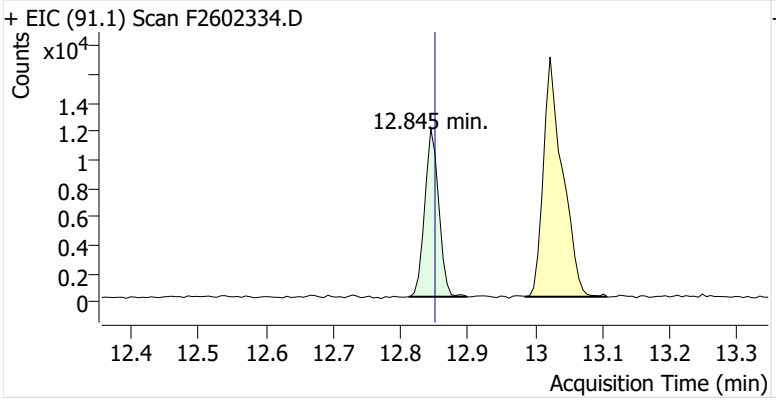


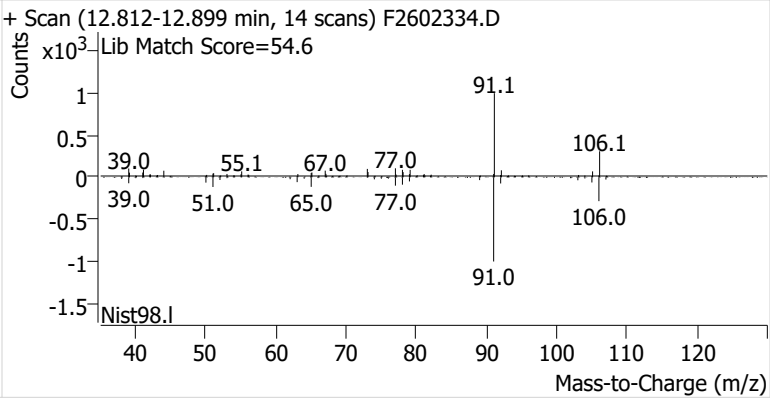
Toluene



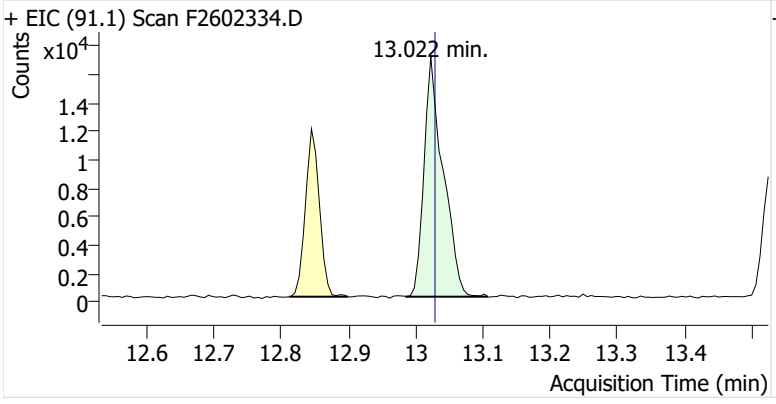


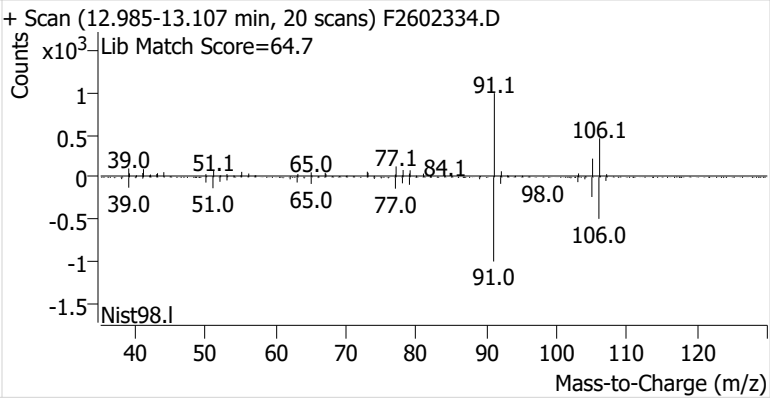
Ethylbenzene



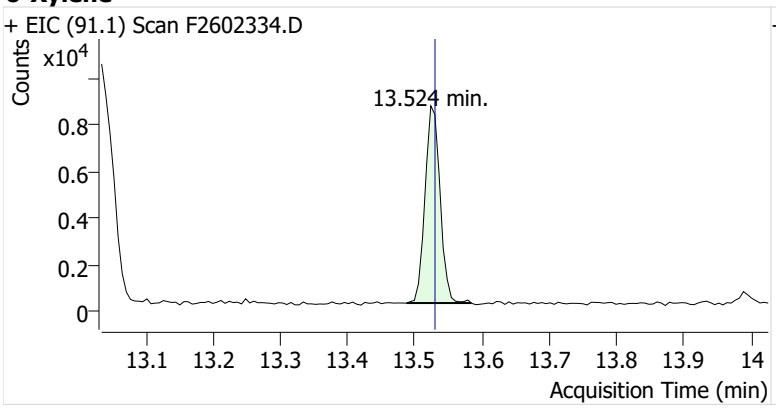


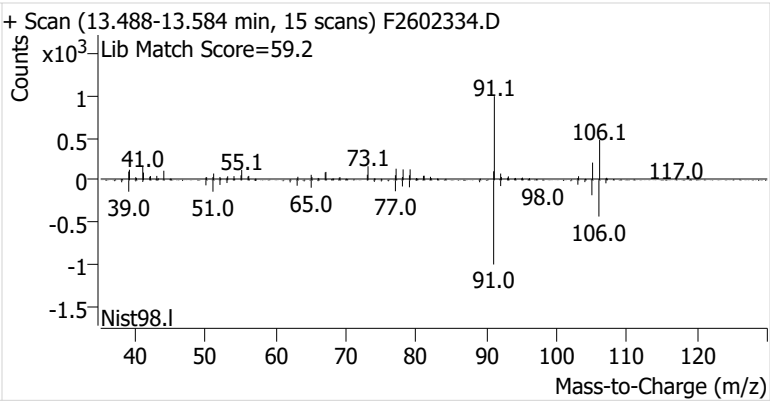
m-/p-Xylenes





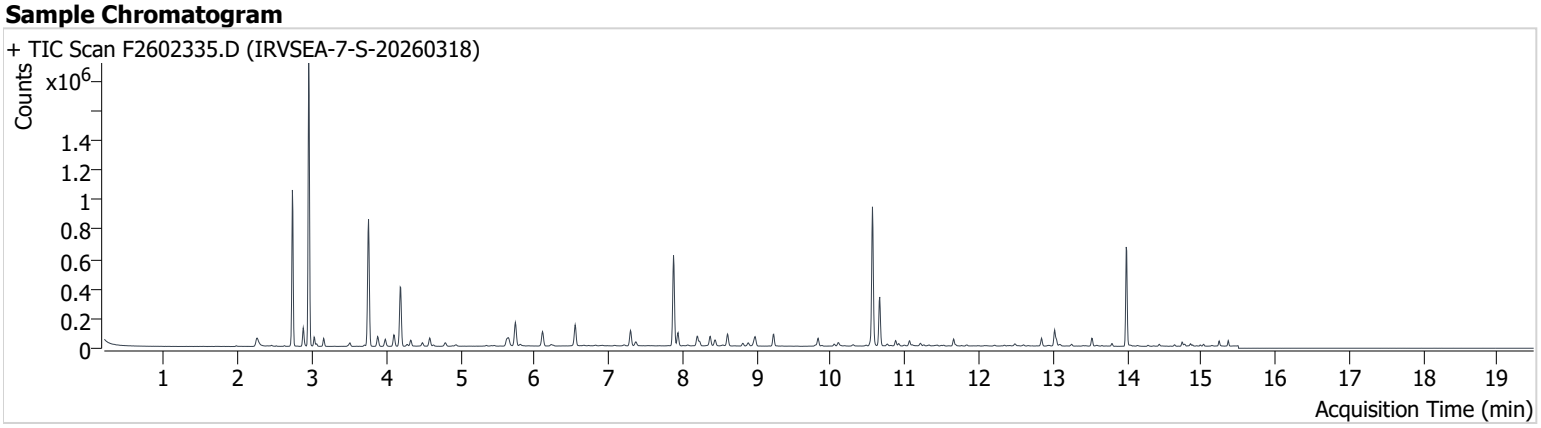
o-Xylene


+ EIC (91.1) Scan F2602334.D
Counts
x10^4
13.524 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.584 min, 15 scans) F2602334.D
Counts
x10^3
Lib Match Score=59.2
91.1
106.1
41.0
55.1
73.1
117.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

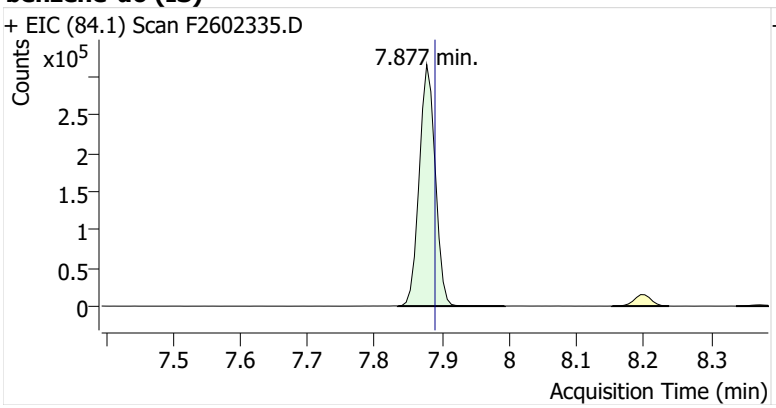
Name	IRVSEA-7-S-20260318
Comment	C33457
Data File	F2602335.D
Acq. Date-Time	4/2/2026 7:03:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

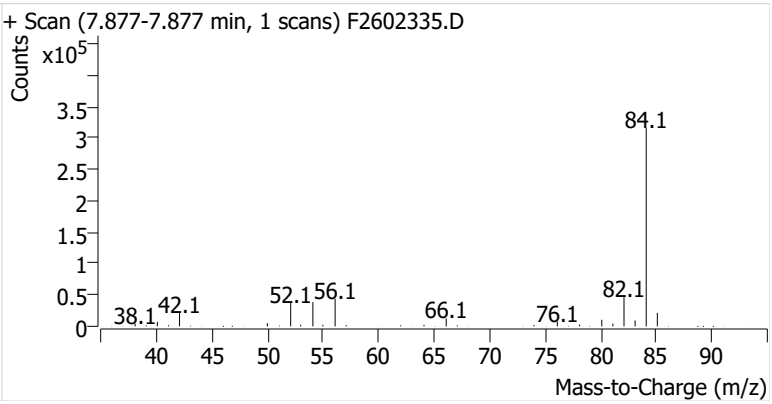
Sample Chromatogram



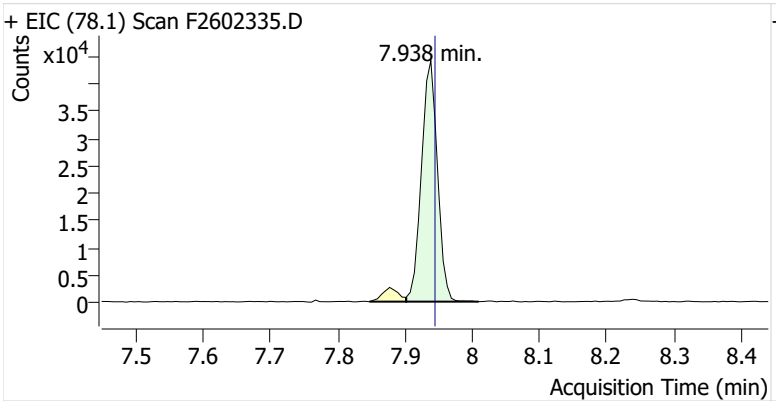
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	521,508	
Benzene	benzene-d6 (IS)	7.938	7.945	72,712	
Toluene-d8 (IS)		10.563	10.569	554,363	
Toluene	Toluene-d8 (IS)	10.661	10.667	200,991	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	33,383	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	78,632	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	31,041	

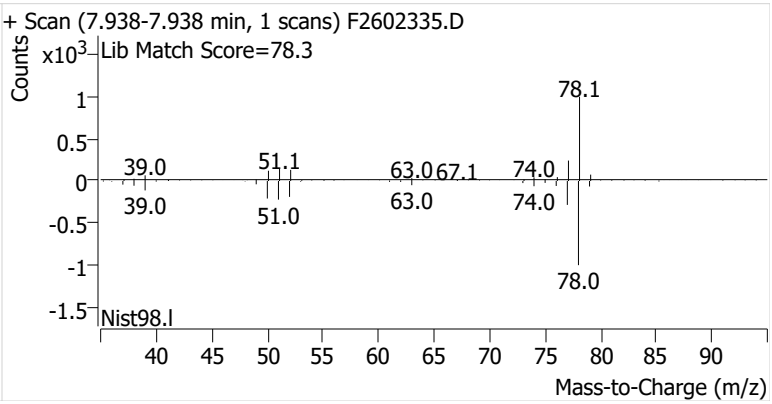
benzene-d6 (IS)



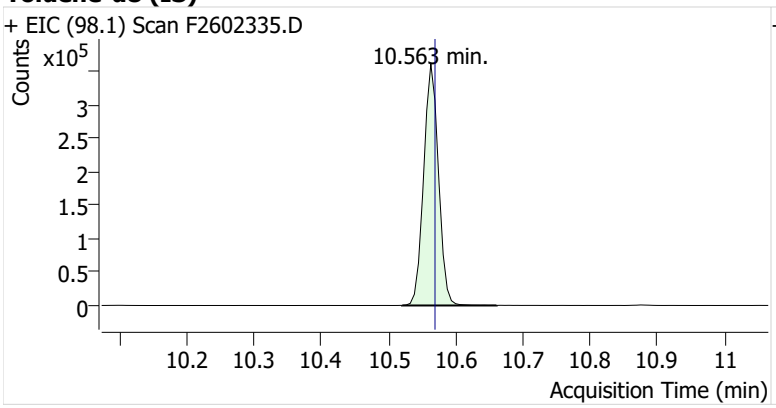


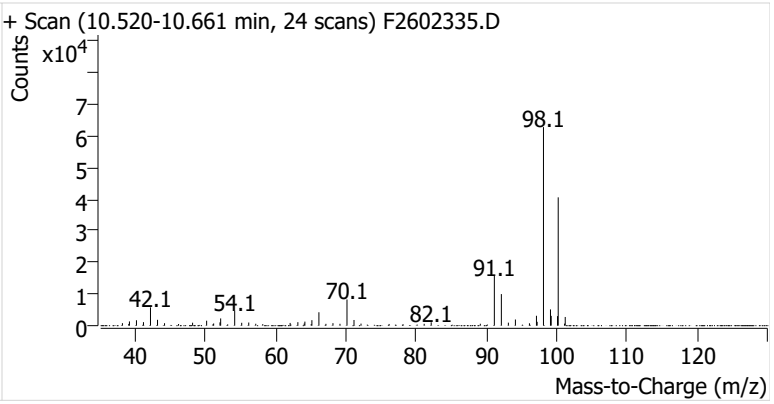
Benzene



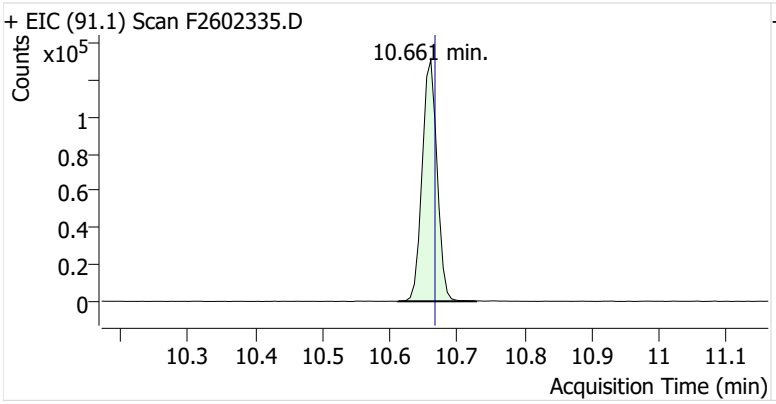


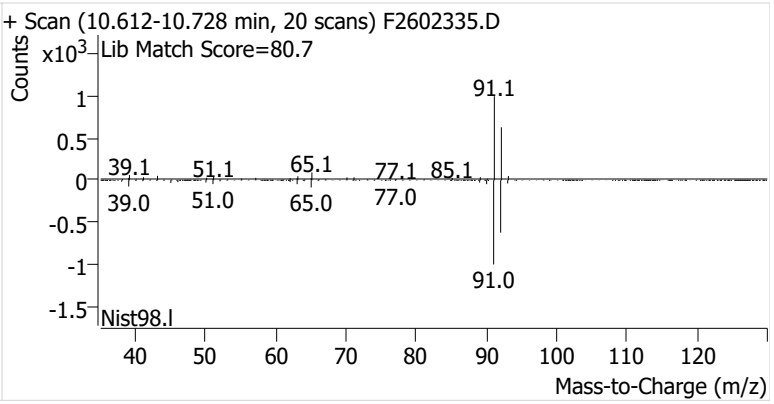
Toluene-d8 (IS)



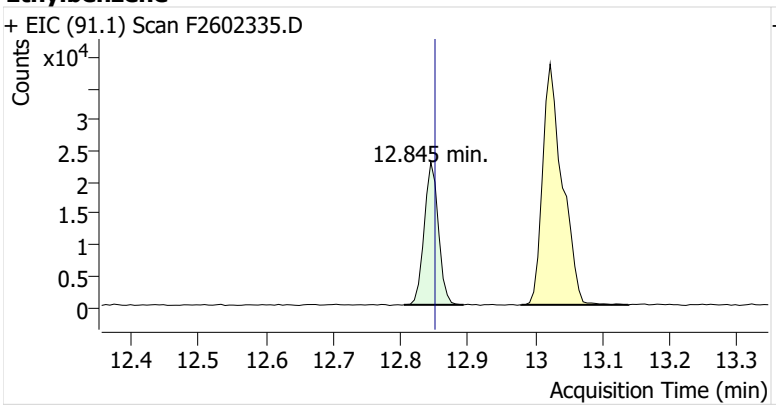


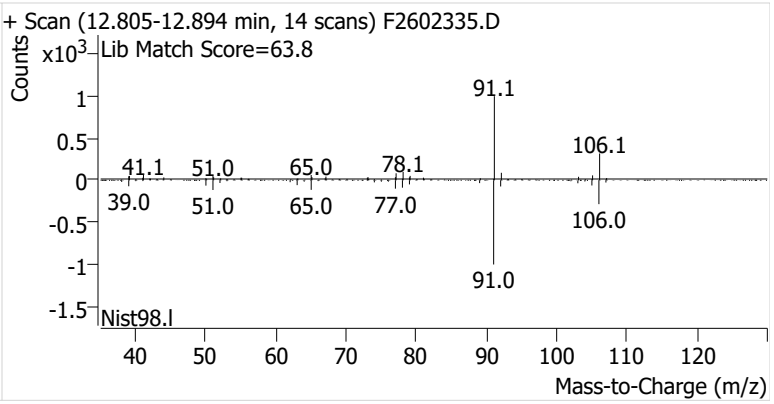
Toluene



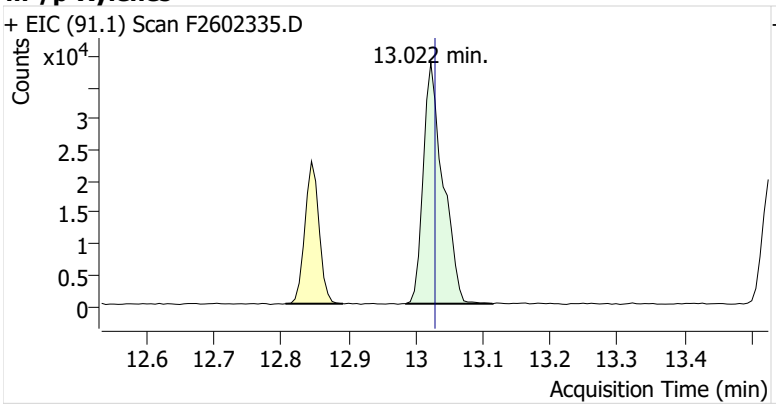


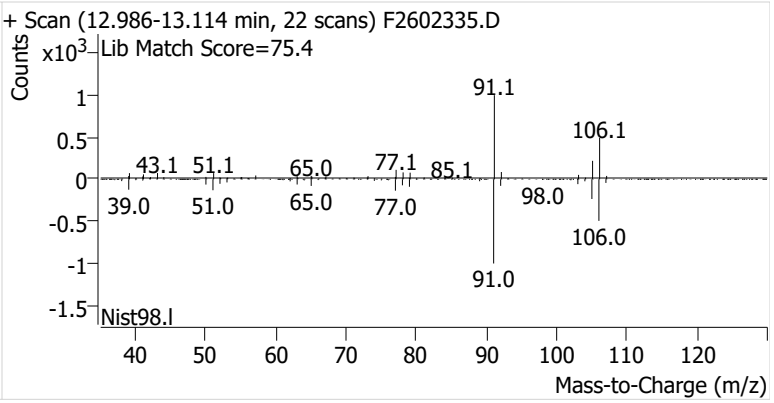
Ethylbenzene



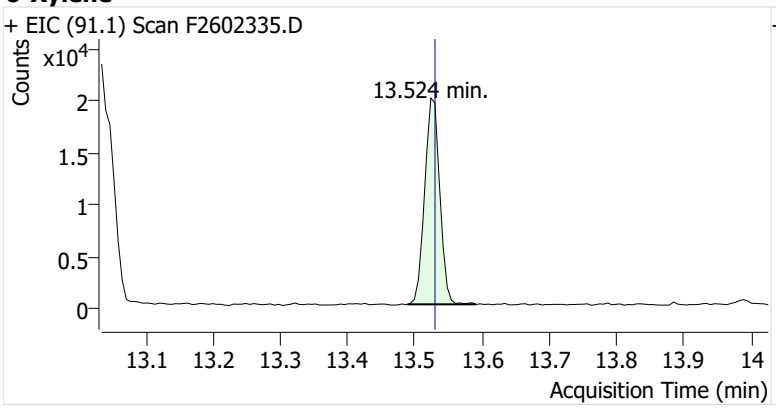


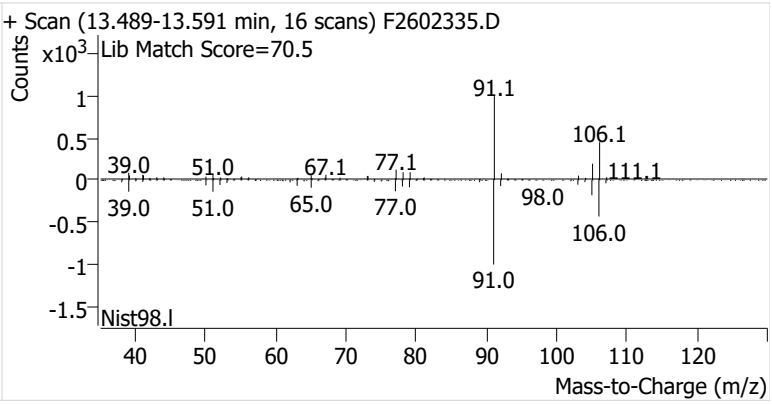
m-/p-Xylenes





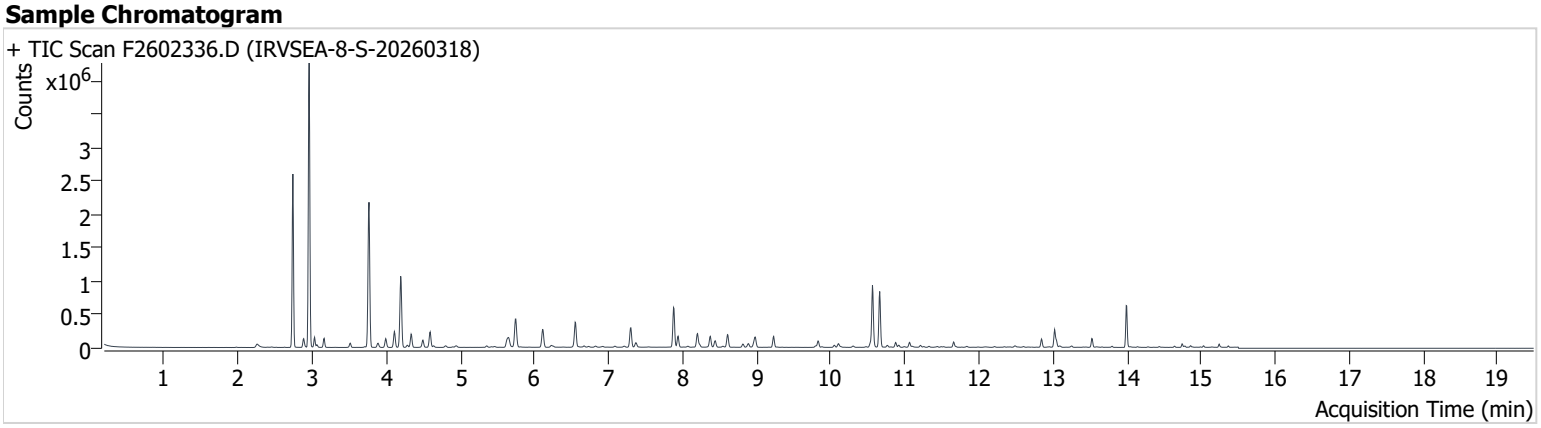
o-Xylene


+ EIC (91.1) Scan F2602335.D
Counts
x10^4
2
1.5
1
0.5
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.591 min, 16 scans) F2602335.D
Lib Match Score=70.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.0
51.0
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

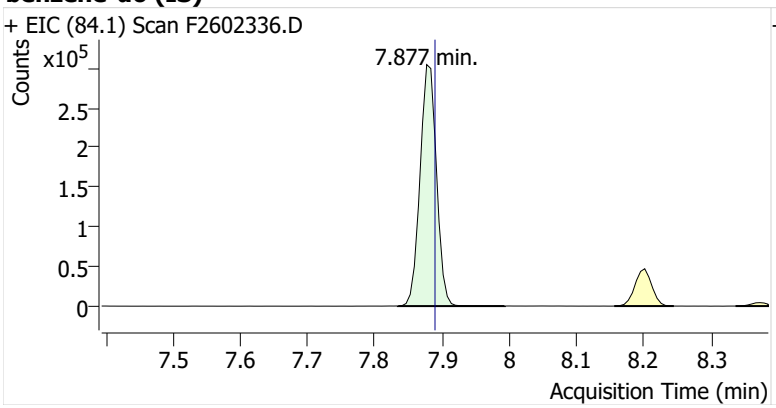
Name	IRVSEA-8-S-20260318
Comment	B49409
Data File	F2602336.D
Acq. Date-Time	4/2/2026 7:28:47 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

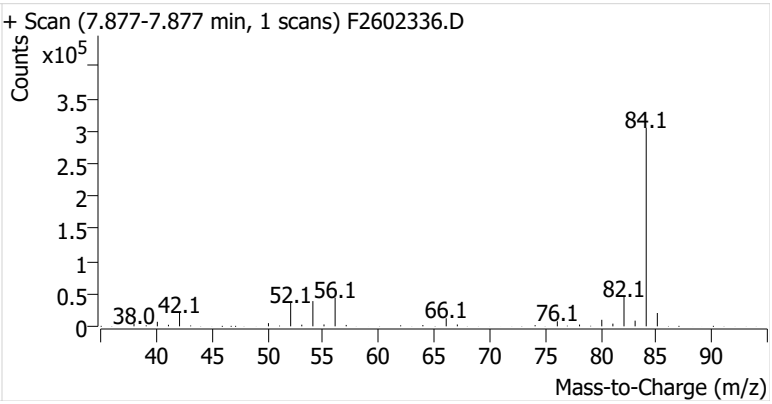
Sample Chromatogram



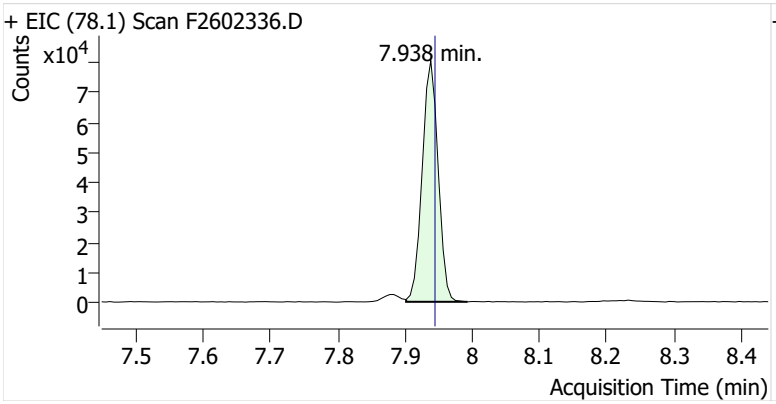
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	517,219	
Benzene	benzene-d6 (IS)	7.938	7.945	132,290	
Toluene-d8 (IS)		10.563	10.569	548,853	
Toluene	Toluene-d8 (IS)	10.661	10.667	515,830	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	81,254	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	187,952	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	75,262	

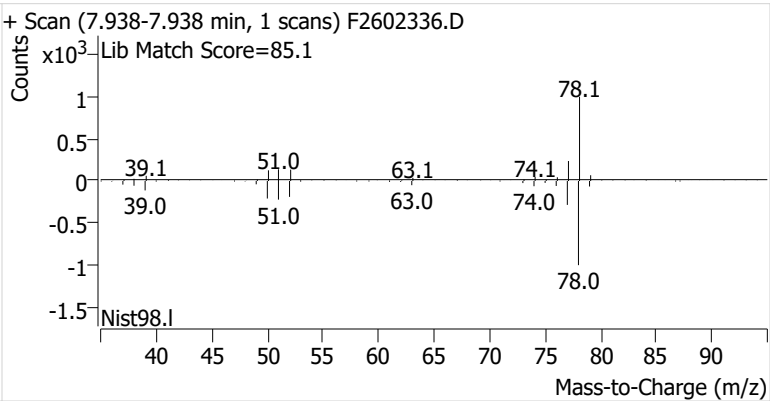
benzene-d6 (IS)



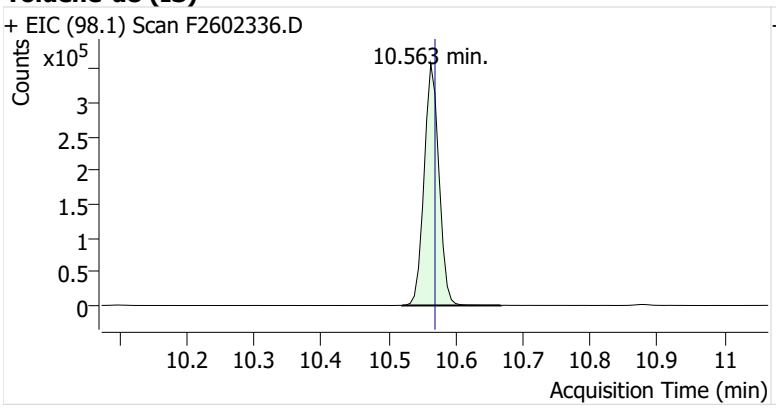


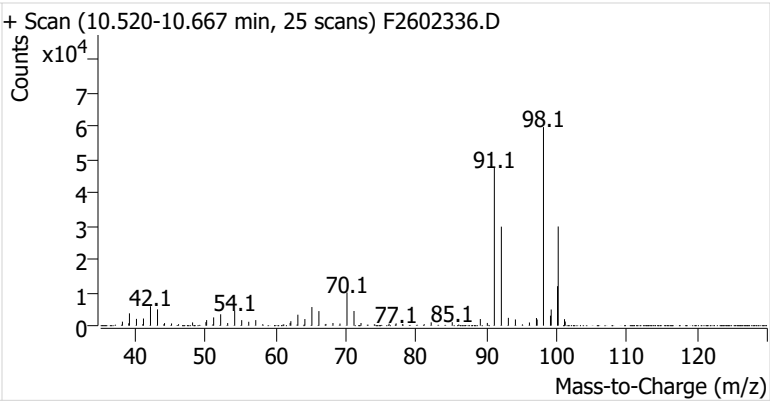
Benzene



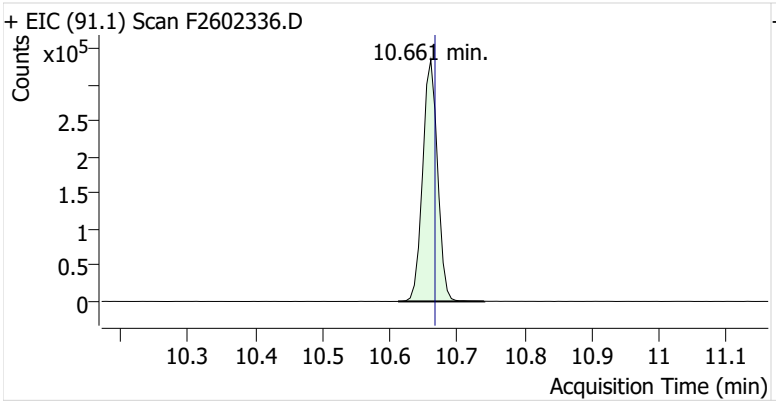


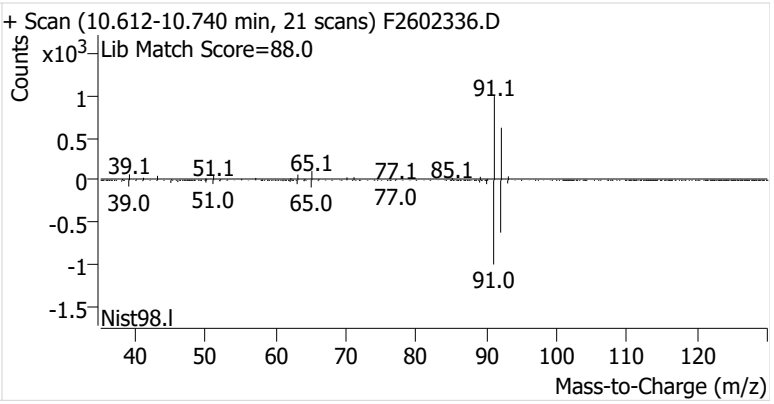
Toluene-d8 (IS)



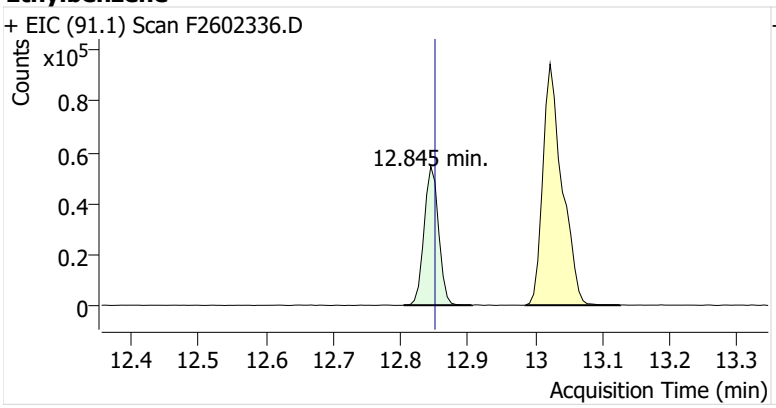


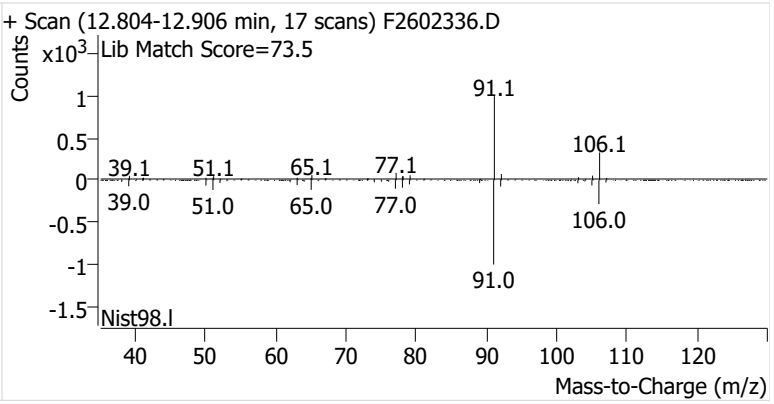
Toluene



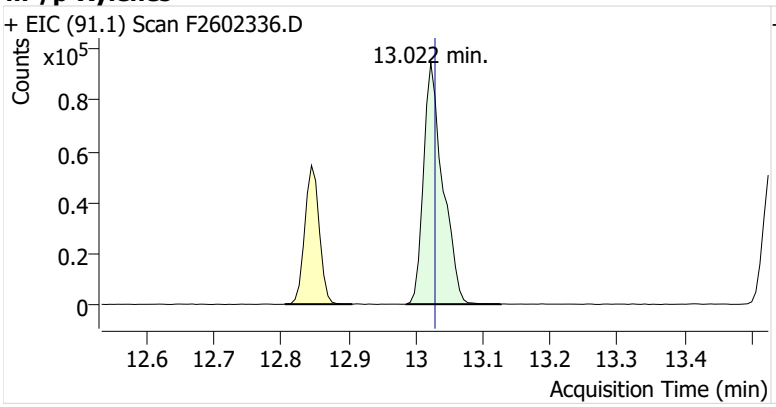


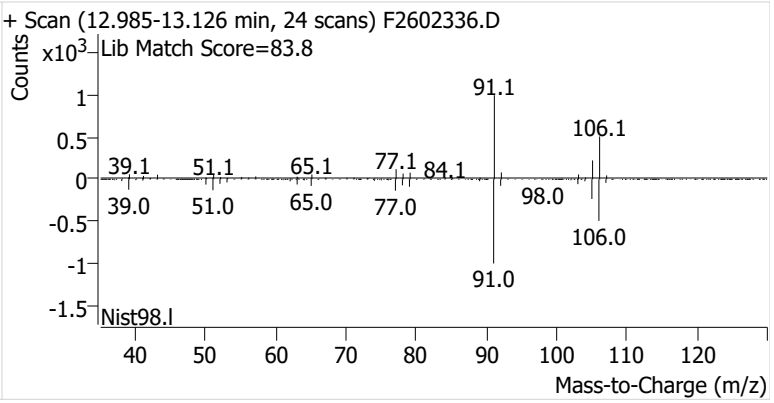
Ethylbenzene



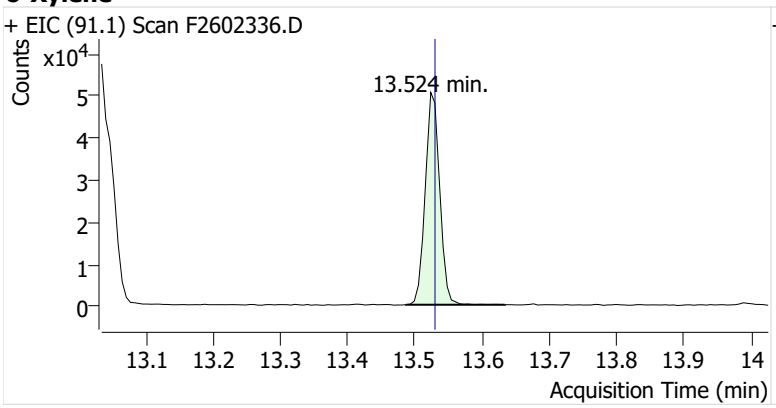


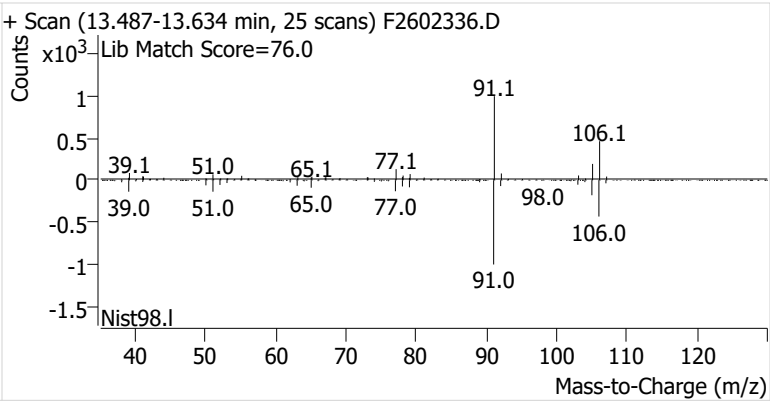
m-/p-Xylenes





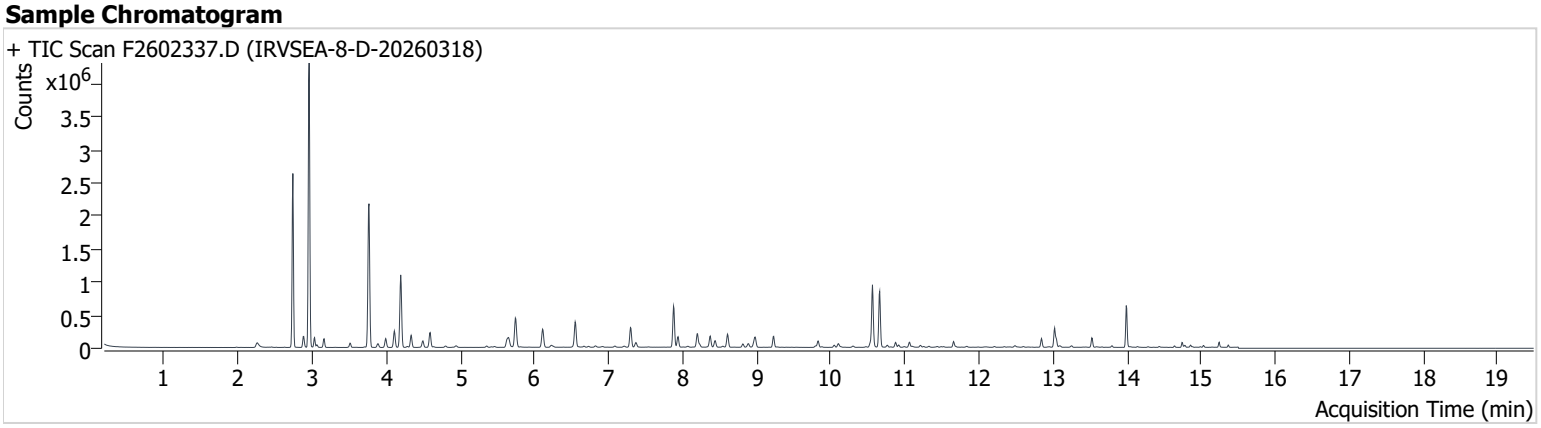
o-Xylene


+ EIC (91.1) Scan F2602336.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.487-13.634 min, 25 scans) F2602336.D
Counts
x10^3
Lib Match Score=76.0
91.1
106.1
39.1
51.0
65.1
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39.0
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65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

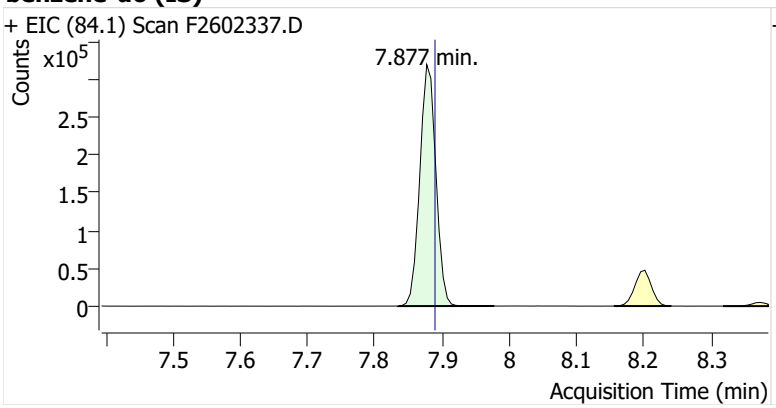
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Comment	C37434
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Acq. Date-Time	4/2/2026 7:54:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

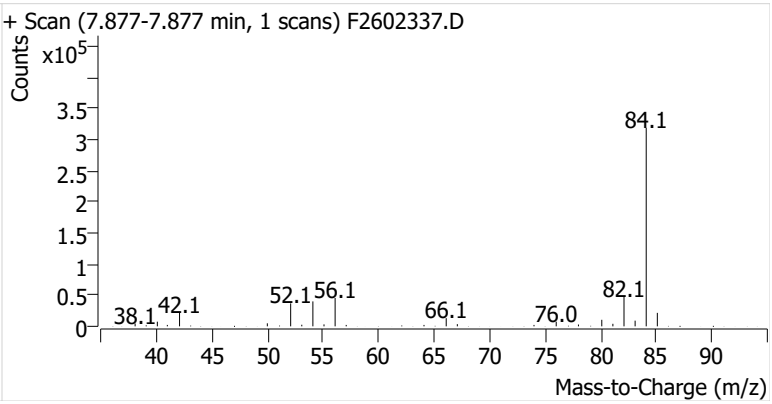
Sample Chromatogram



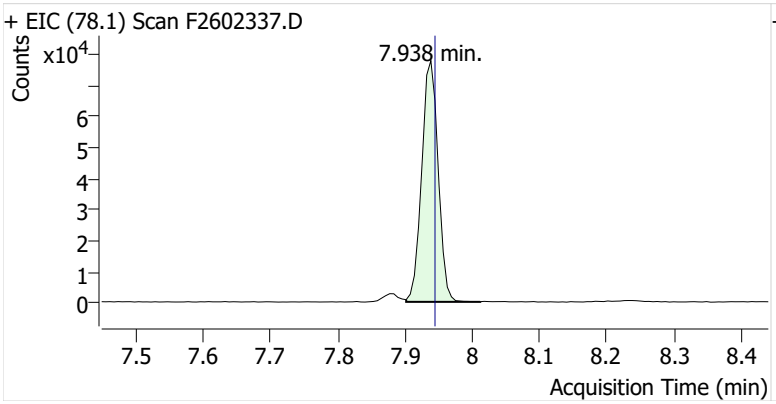
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	530,094	
Benzene	benzene-d6 (IS)	7.938	7.945	131,937	
Toluene-d8 (IS)		10.563	10.569	559,991	
Toluene	Toluene-d8 (IS)	10.661	10.667	527,753	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	86,222	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	214,674	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	80,975	

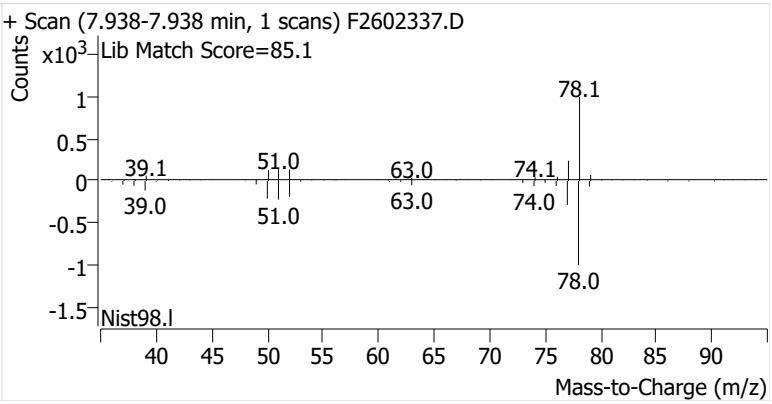
benzene-d6 (IS)



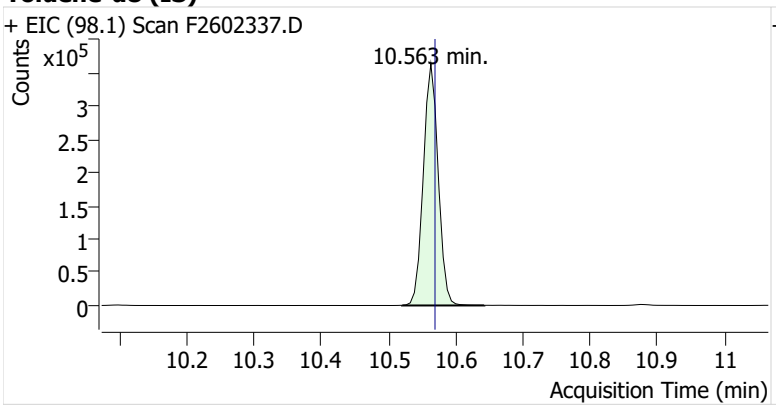


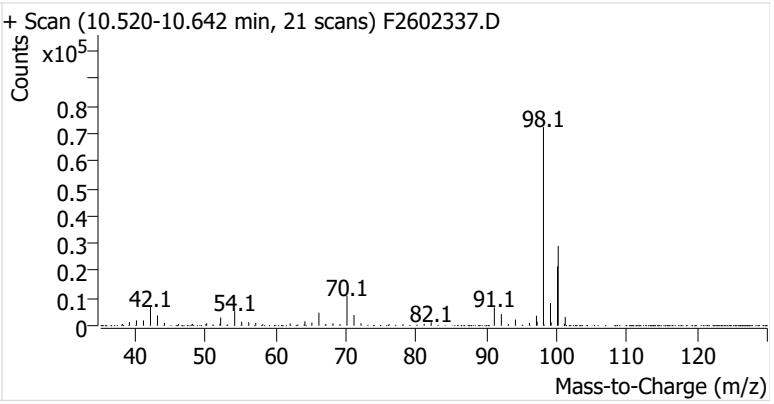
Benzene



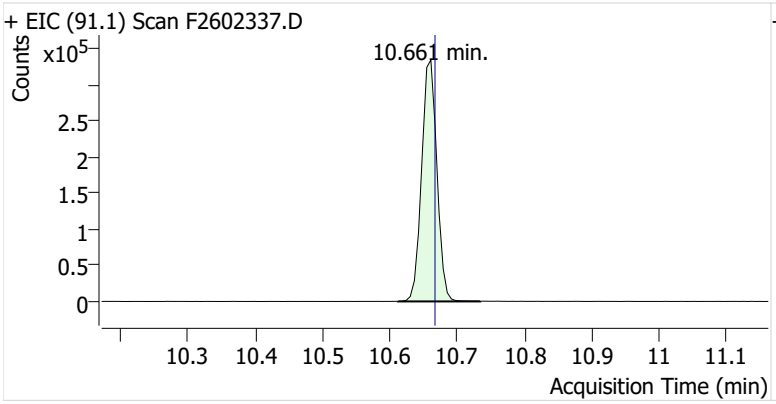


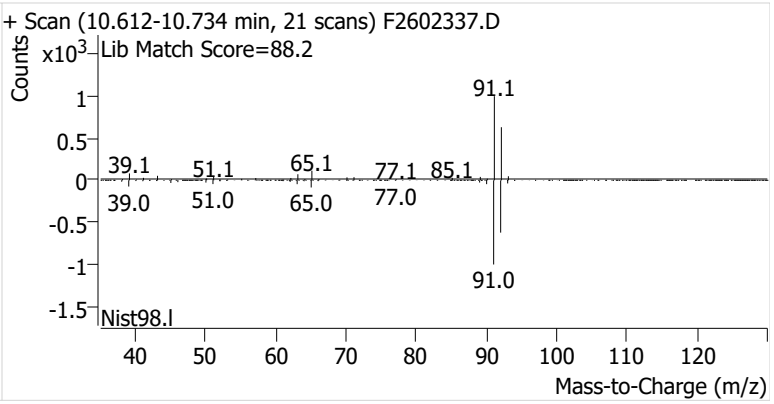
Toluene-d8 (IS)



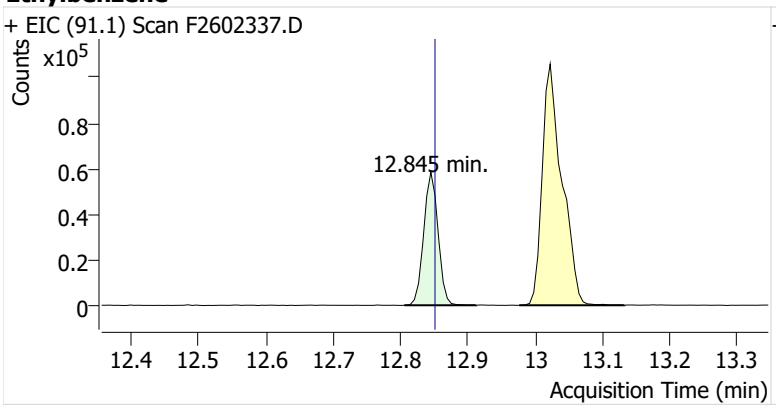


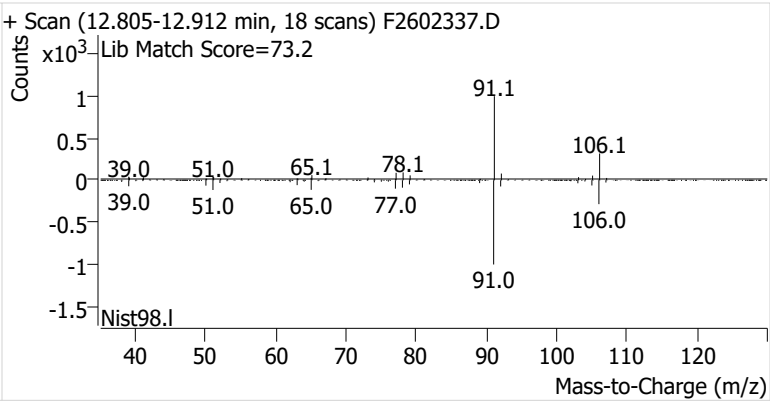
Toluene



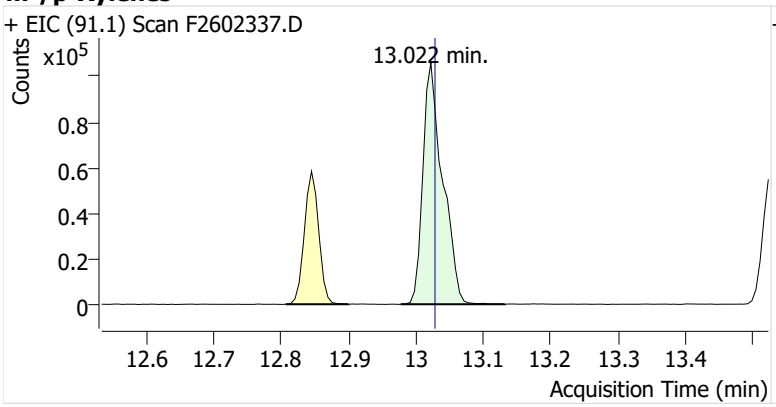


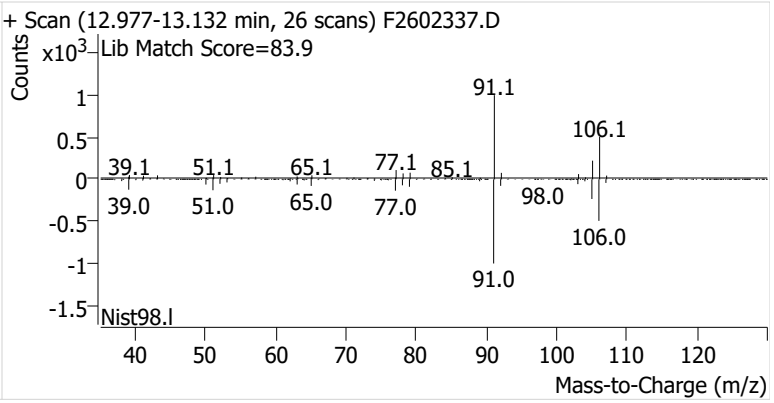
Ethylbenzene



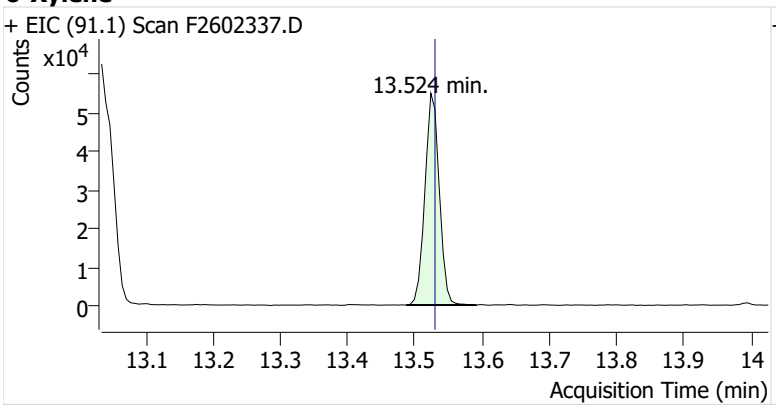


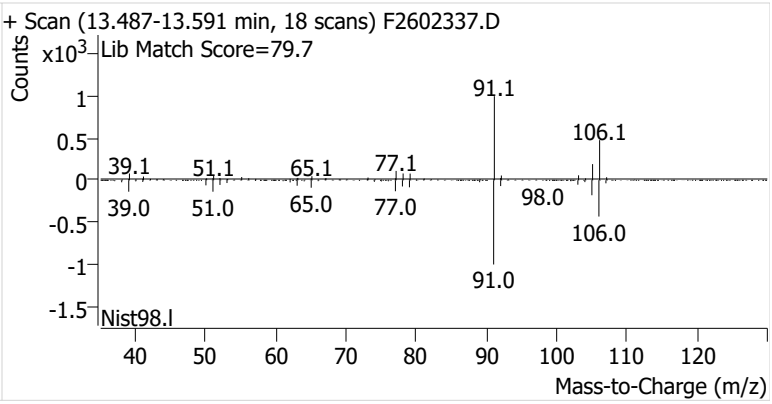
m-/p-Xylenes





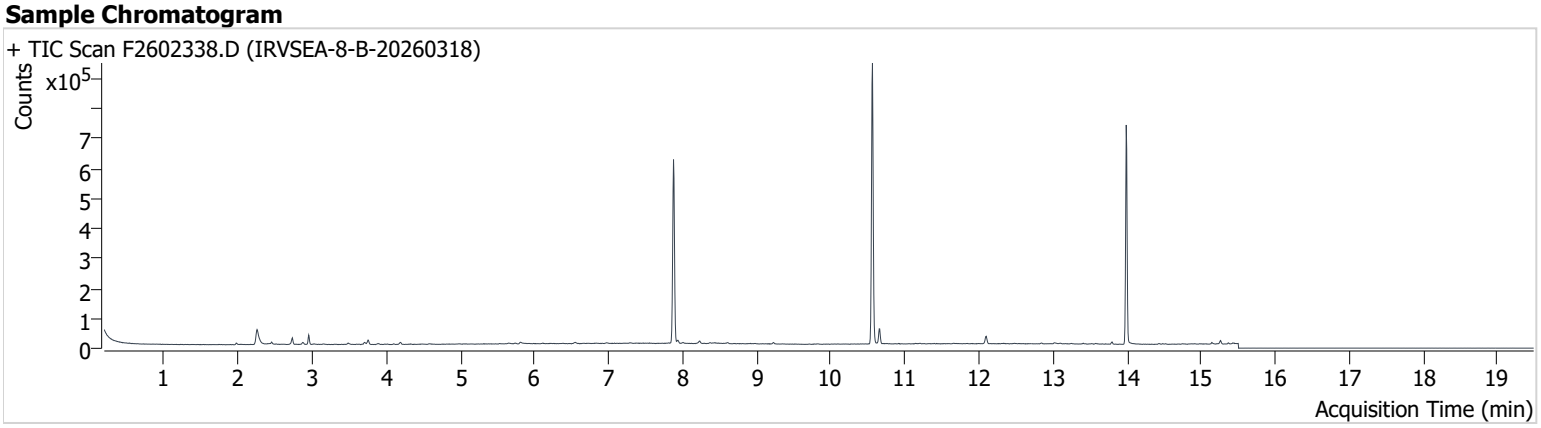
o-Xylene


+ EIC (91.1) Scan F2602337.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.487-13.591 min, 18 scans) F2602337.D
Counts
x10^3
Lib Match Score=79.7
91.1
106.1
39.1
51.1
65.1
77.1
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39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

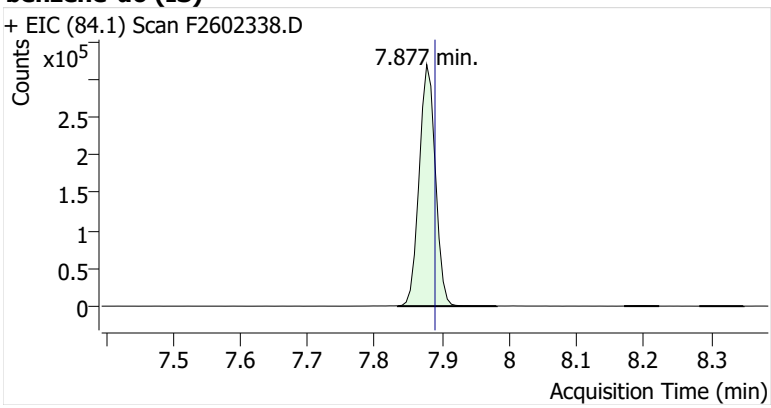
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Comment	C68635
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Acq. Date-Time	4/2/2026 8:19:22 PM
Acq. Method File	M325B-MTD
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Analyze Quant Version	12.1
Report Quant Version	12.1

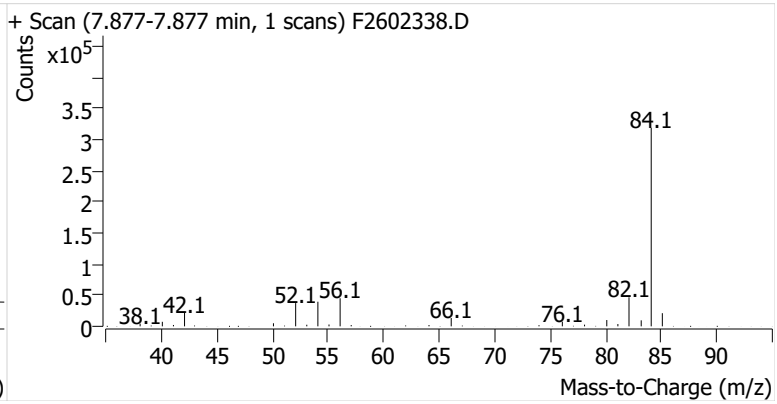
Sample Chromatogram



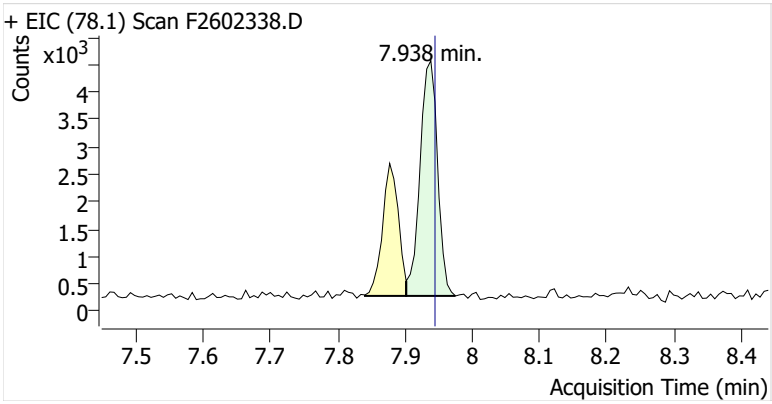
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	532,866	
Benzene	benzene-d6 (IS)	7.938	7.945	7,793	
Toluene-d8 (IS)		10.563	10.569	563,266	
Toluene	Toluene-d8 (IS)	10.655	10.667	33,578	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	1,388	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	2,076	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	914	

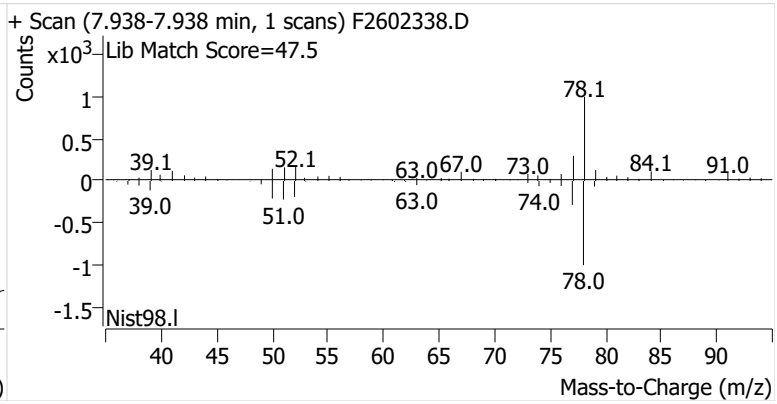
benzene-d6 (IS)



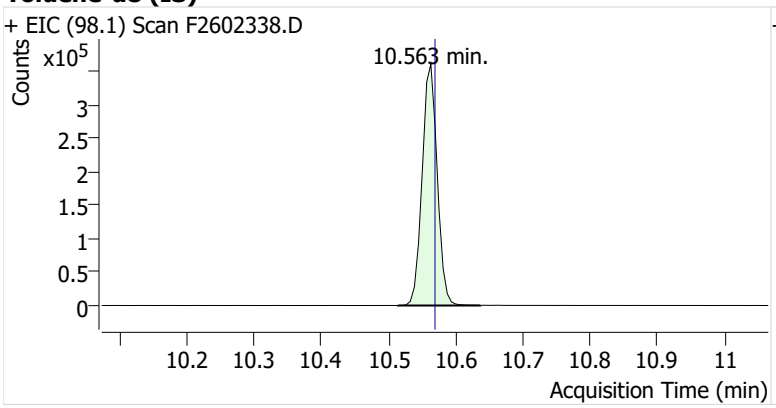


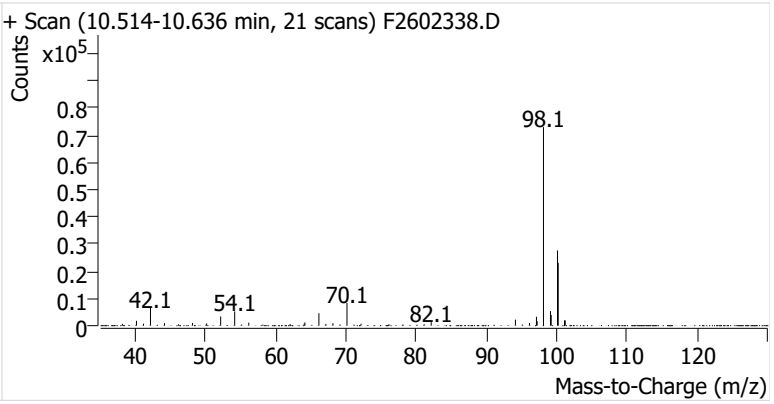
Benzene



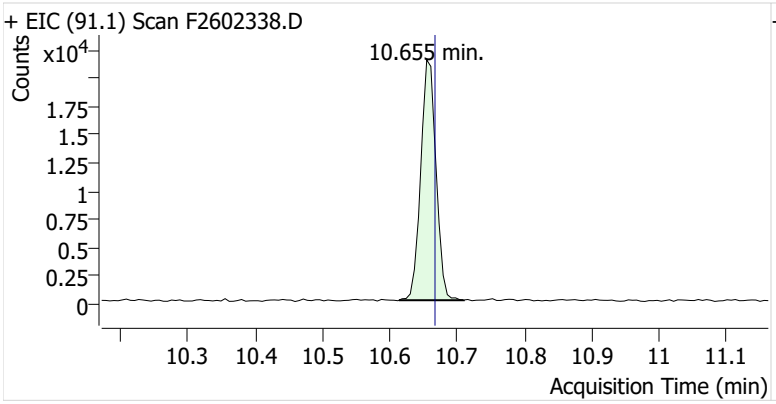


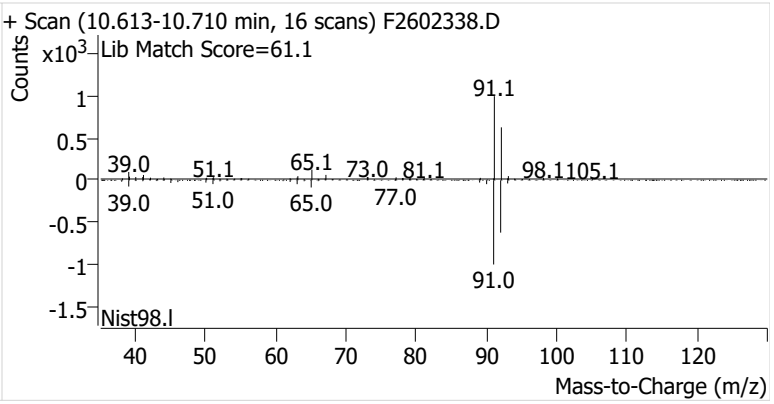
Toluene-d8 (IS)



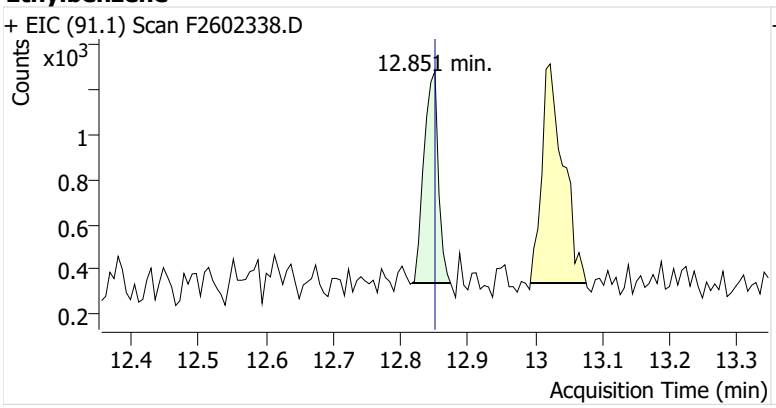


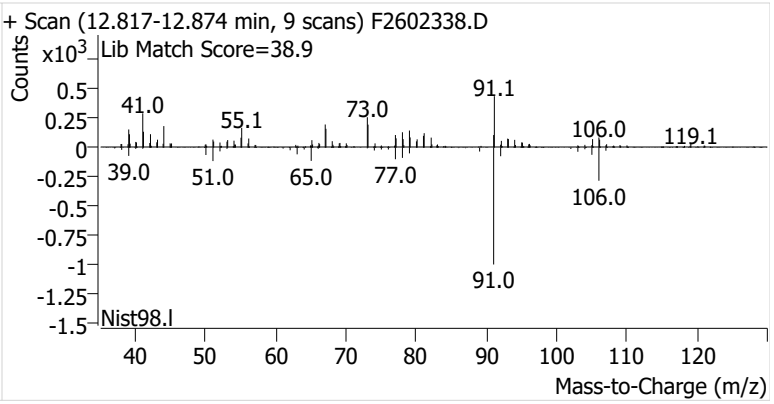
Toluene



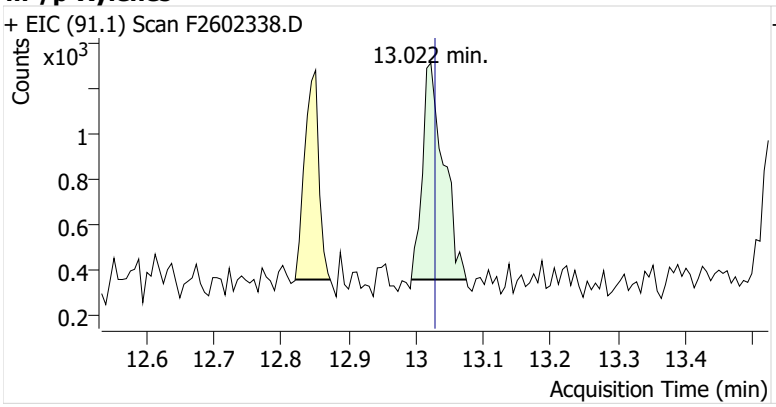


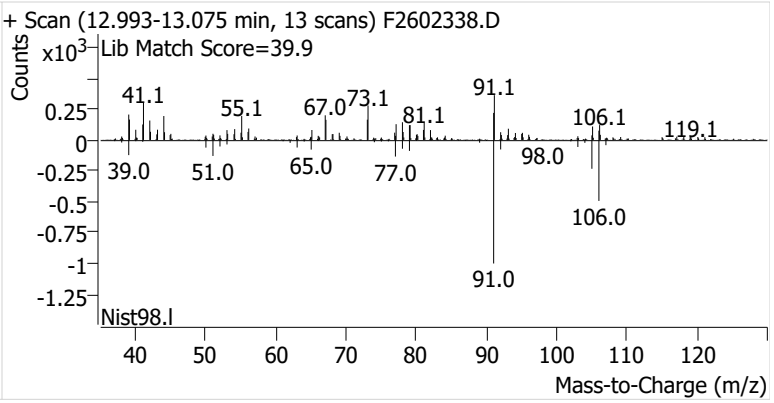
Ethylbenzene



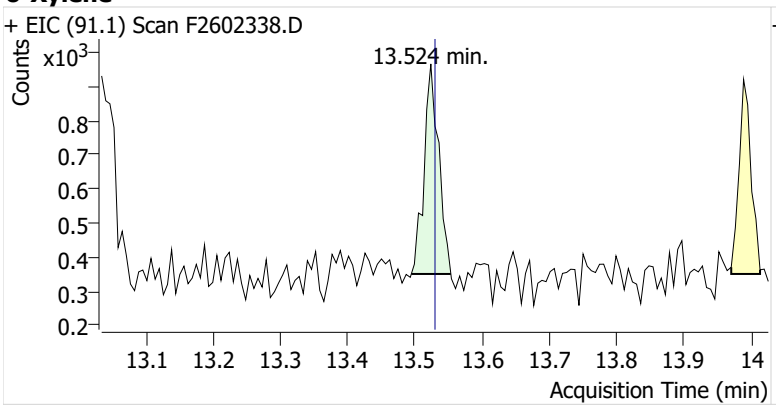


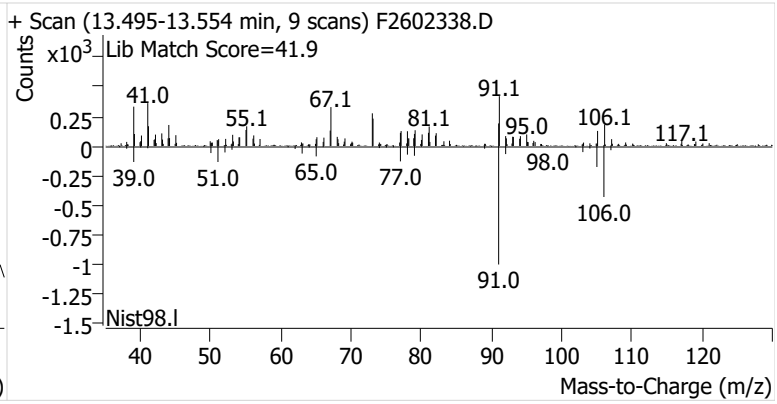
m-/p-Xylenes





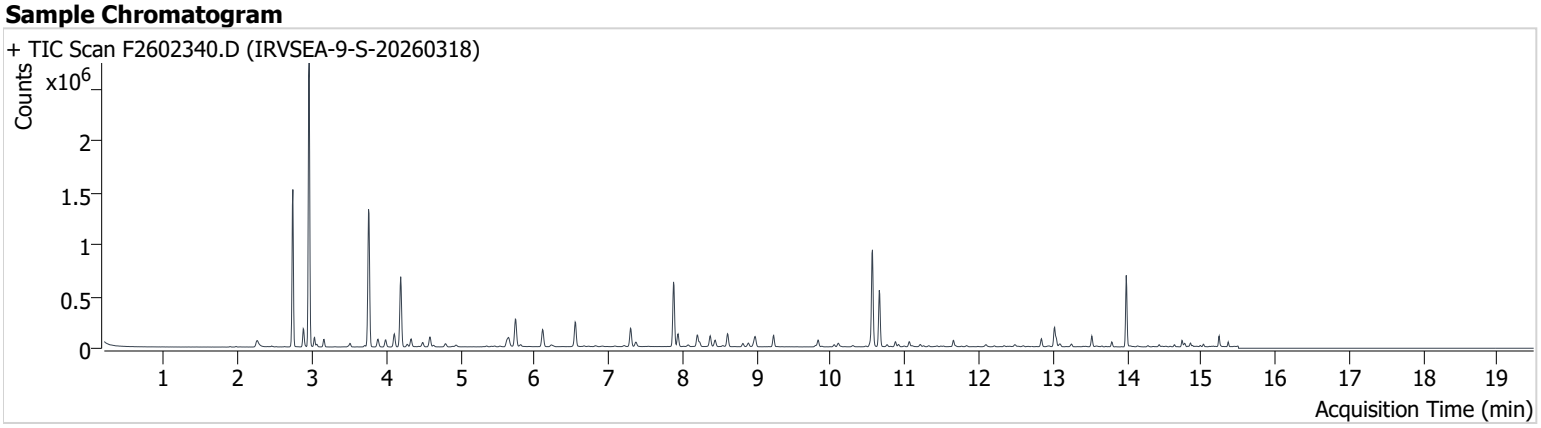
o-Xylene


+ EIC (91.1) Scan F2602338.D
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13.524 min.
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0.7
0.6
0.5
0.4
0.3
0.2
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.495-13.554 min, 9 scans) F2602338.D
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39.0
51.0
65.0
77.0
98.0
106.0
91.0
0.25
0
-0.25
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-1.5
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40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

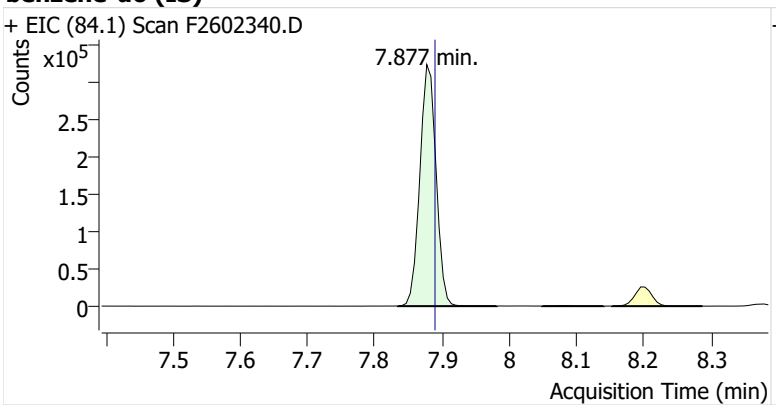
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Comment	C60241
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

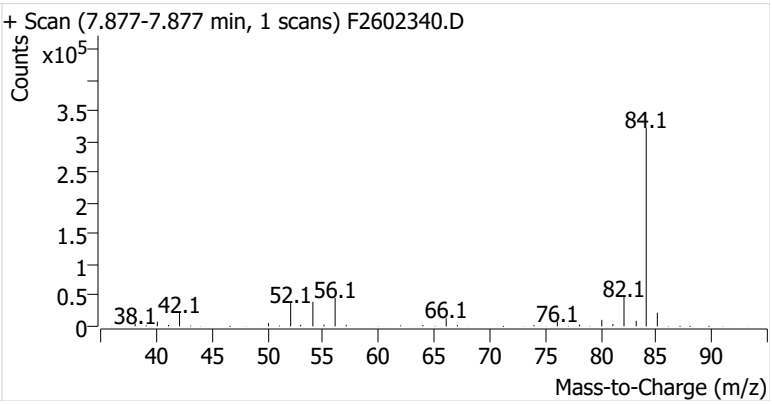
Sample Chromatogram



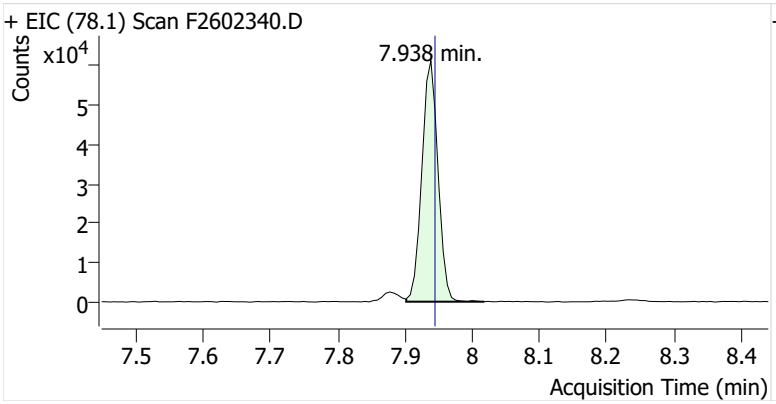
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	540,726	
Benzene	benzene-d6 (IS)	7.938	7.945	101,412	
Toluene-d8 (IS)		10.563	10.569	570,882	
Toluene	Toluene-d8 (IS)	10.655	10.667	335,807	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	50,634	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	143,282	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	55,512	

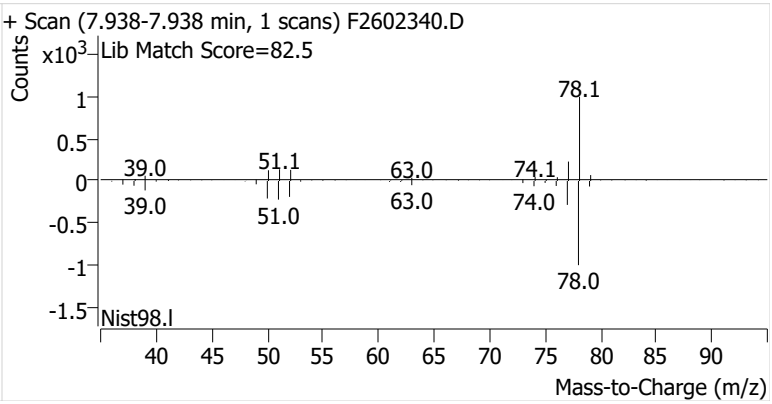
benzene-d6 (IS)



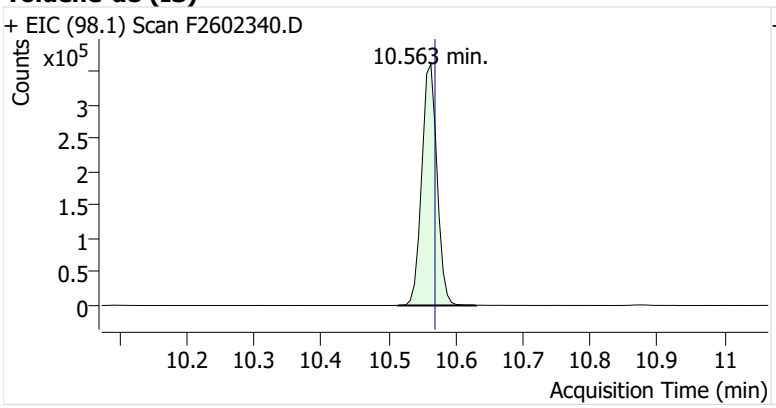


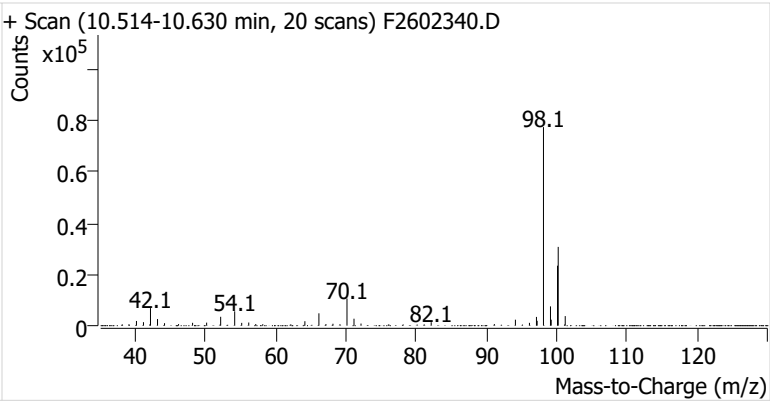
Benzene



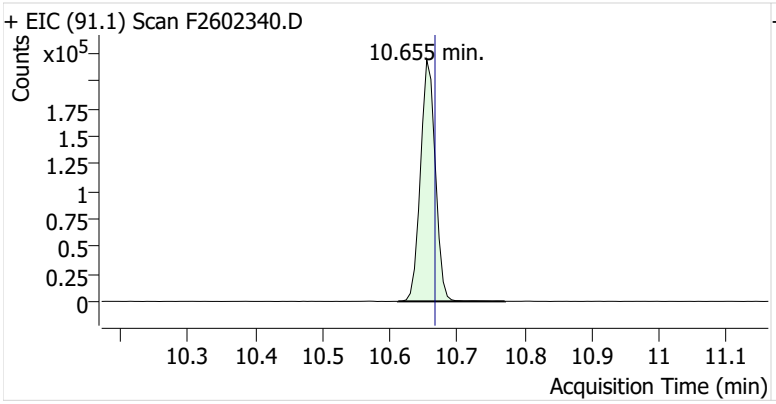


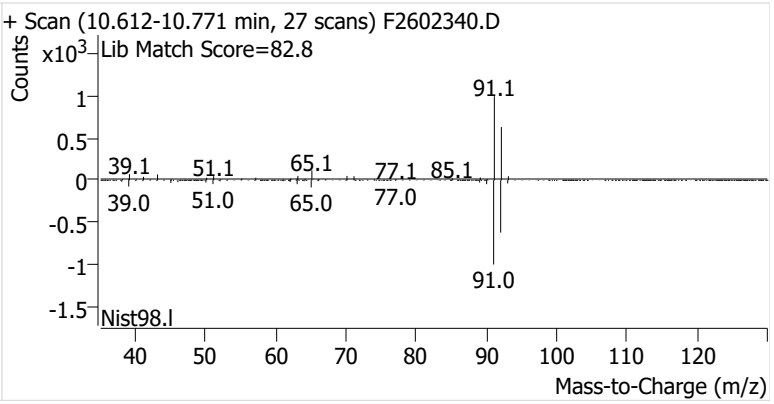
Toluene-d8 (IS)



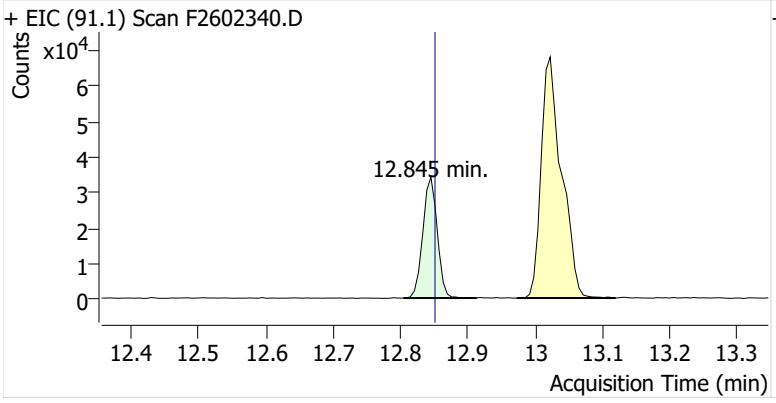


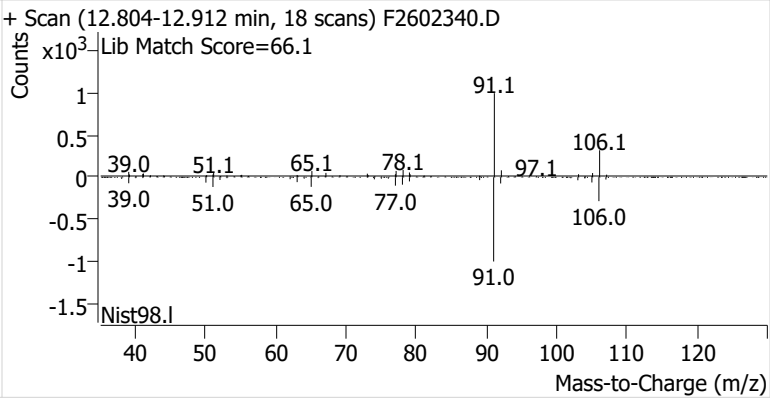
Toluene



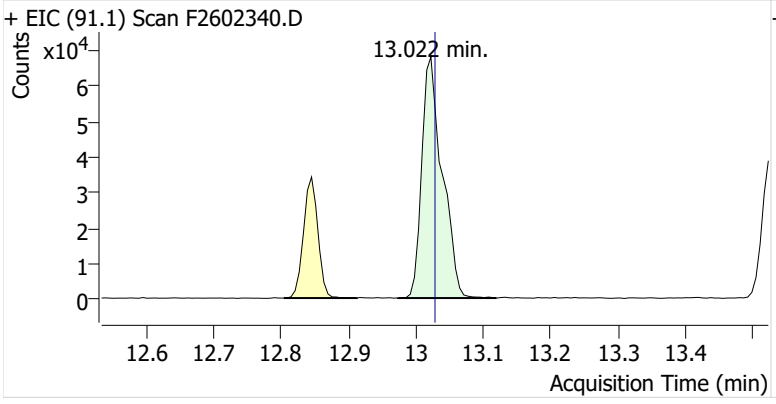


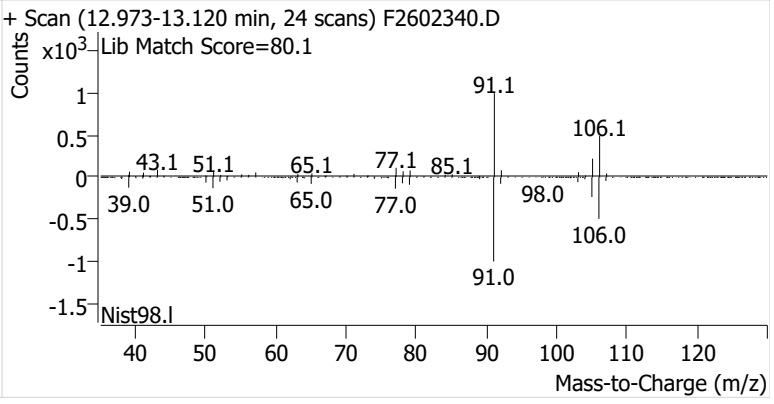
Ethylbenzene



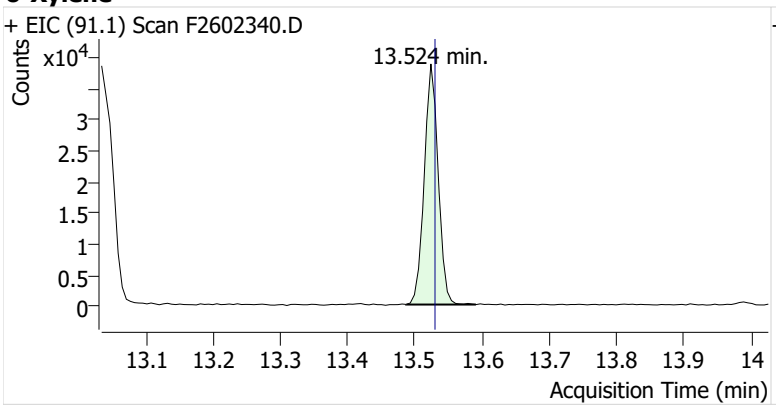


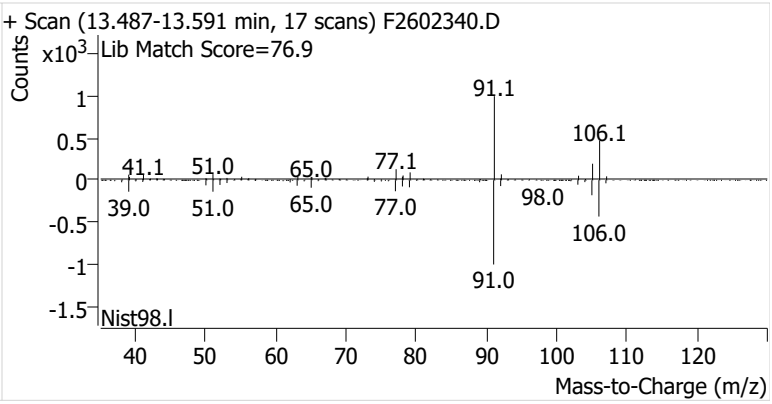
m-/p-Xylenes





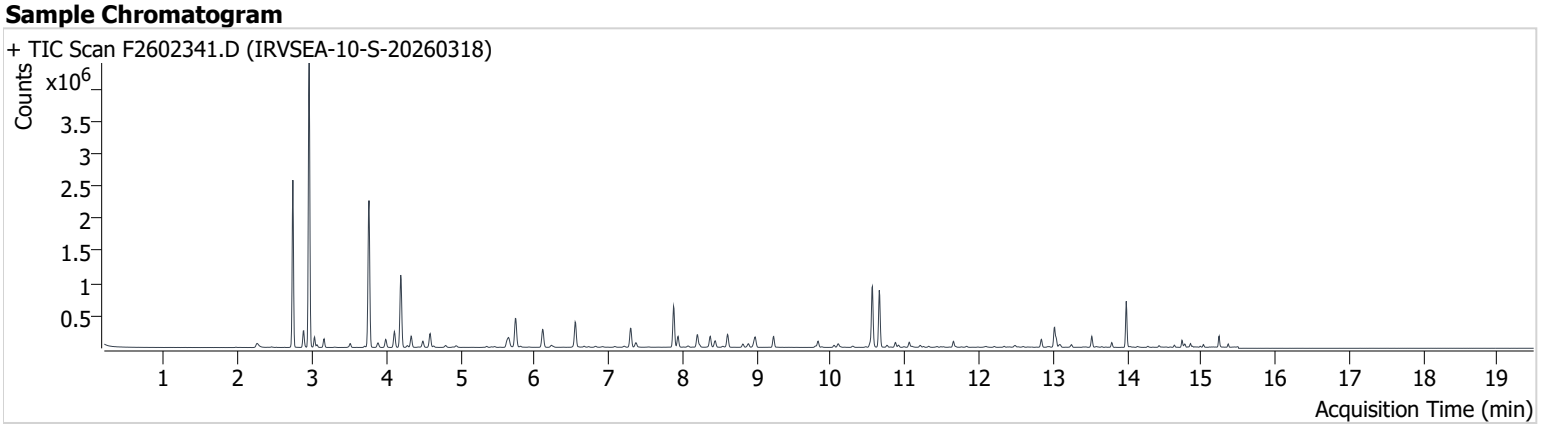
o-Xylene


+ EIC (91.1) Scan F2602340.D
Counts
x10^4
13.524 min.
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.591 min, 17 scans) F2602340.D
Counts
x10^3
Lib Match Score=76.9
91.1
106.1
41.1
51.0
65.0
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

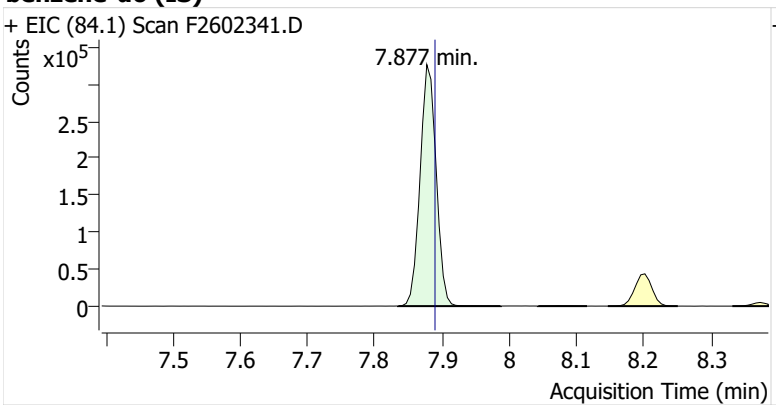
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Comment	C57769
Data File	F2602341.D
Acq. Date-Time	4/2/2026 9:35:18 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

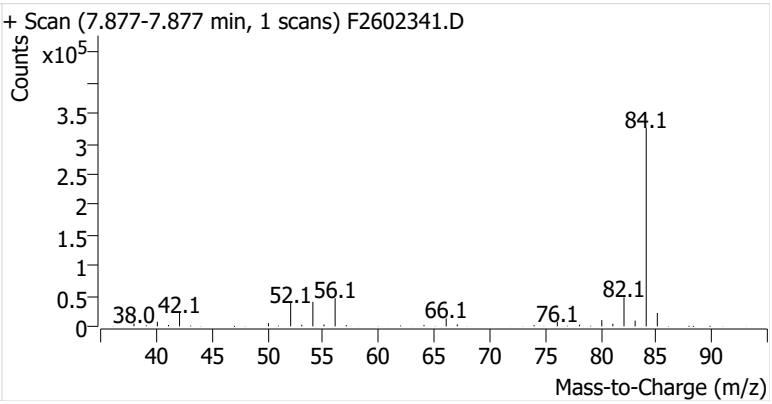
Sample Chromatogram



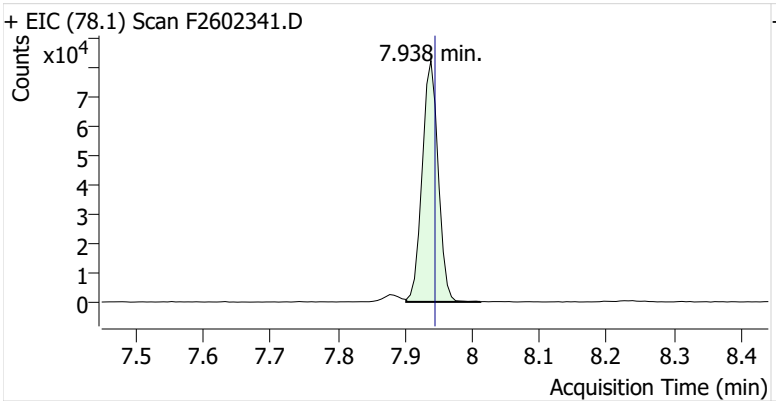
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	541,931	
Benzene	benzene-d6 (IS)	7.938	7.945	135,862	
Toluene-d8 (IS)		10.563	10.569	573,942	
Toluene	Toluene-d8 (IS)	10.655	10.667	536,178	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	81,677	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	235,192	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	92,265	

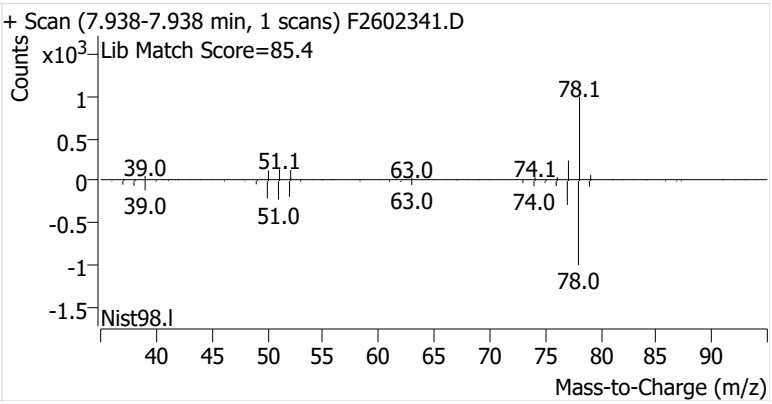
benzene-d6 (IS)



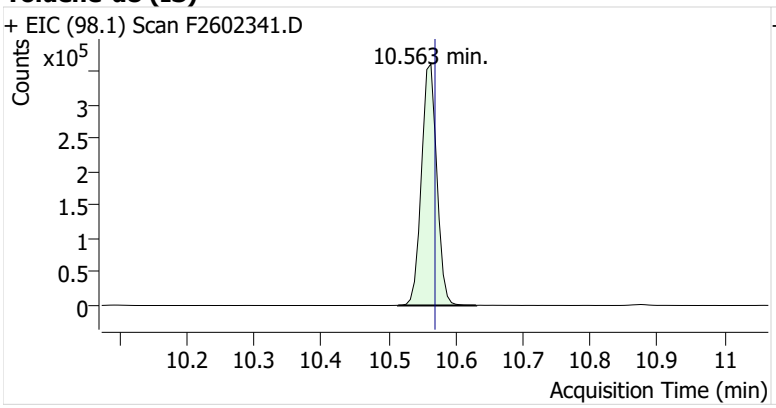


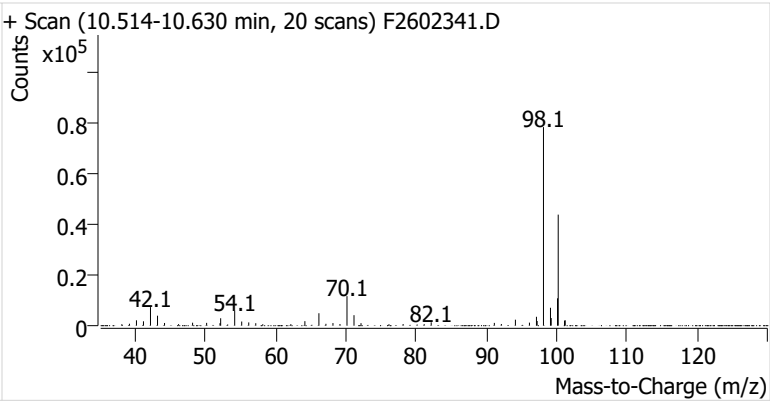
Benzene



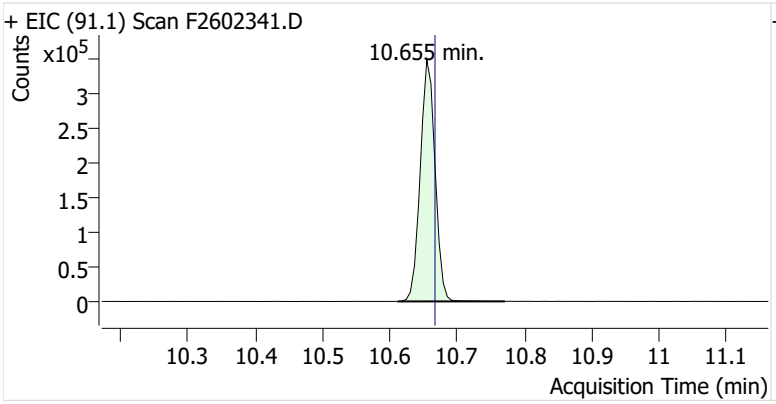


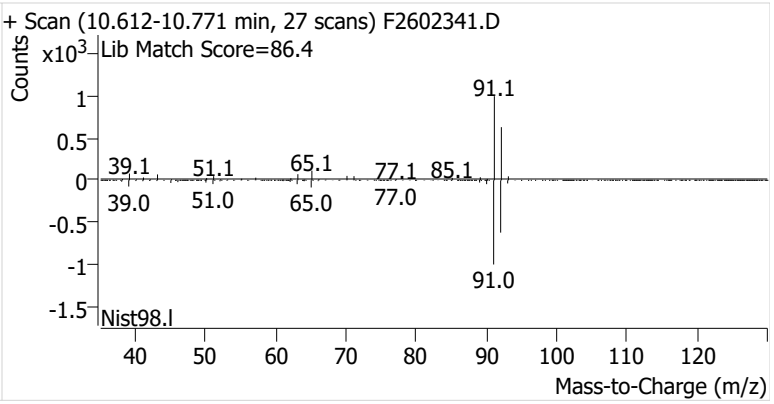
Toluene-d8 (IS)



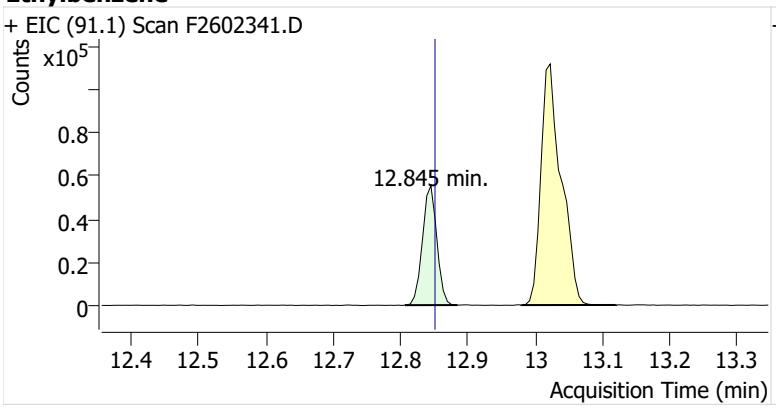


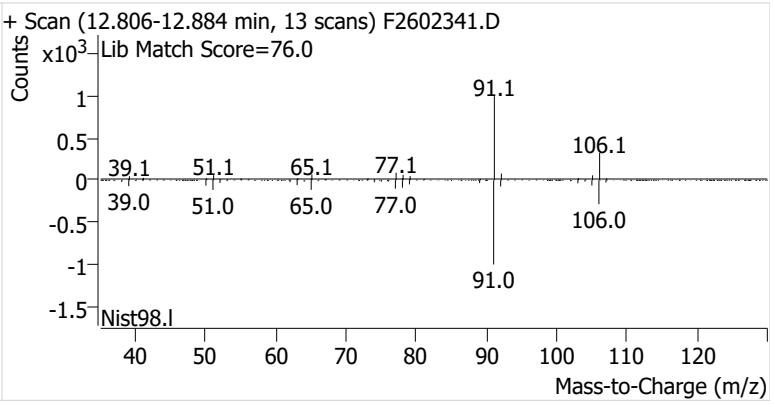
Toluene



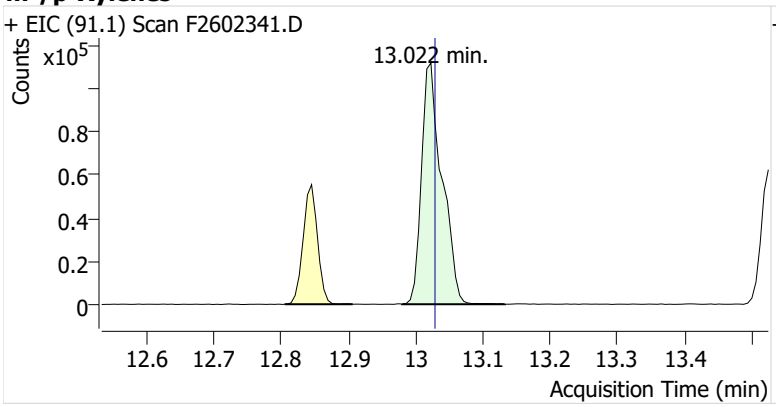


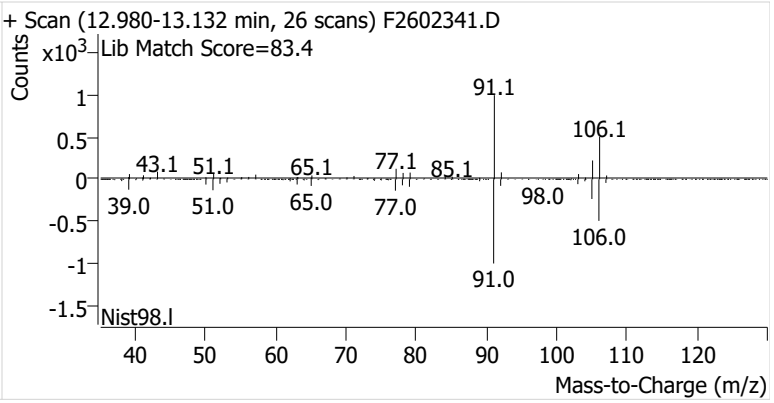
Ethylbenzene



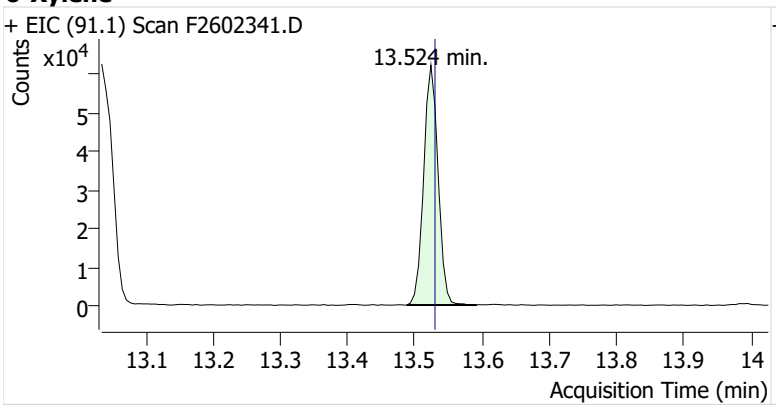


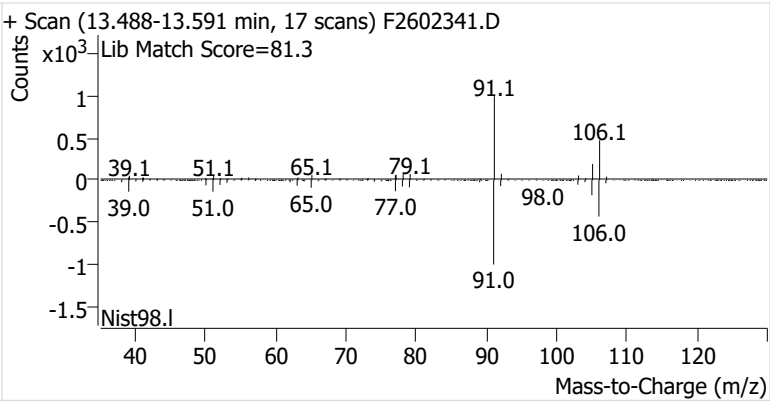
m-/p-Xylenes





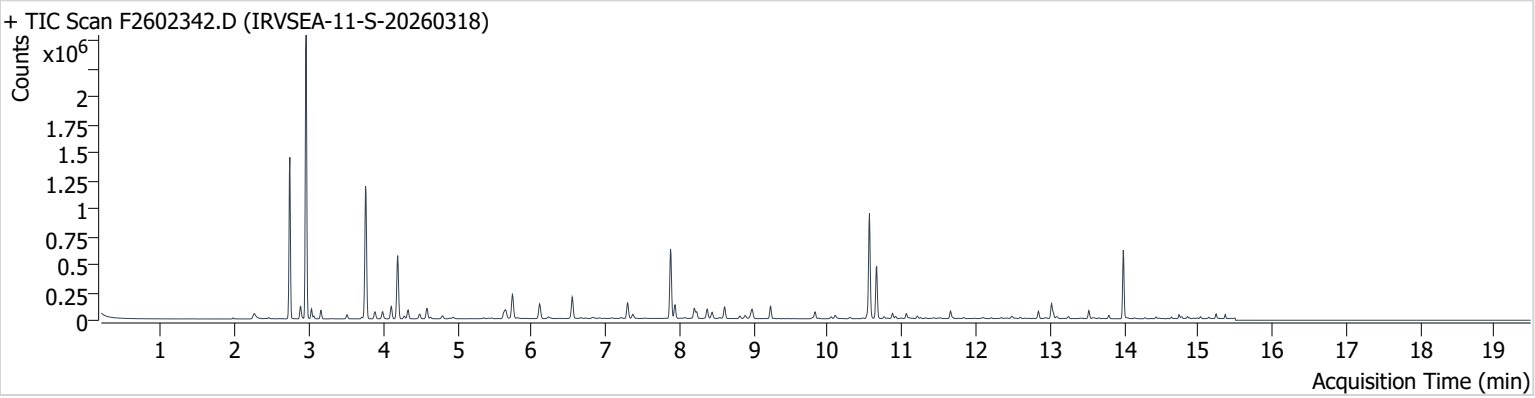
o-Xylene


+ EIC (91.1) Scan F2602341.D
Counts
x10^4
13.524 min.
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.591 min, 17 scans) F2602341.D
Counts
x10^3
Lib Match Score=81.3
91.1
106.1
39.1
51.1
65.1
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

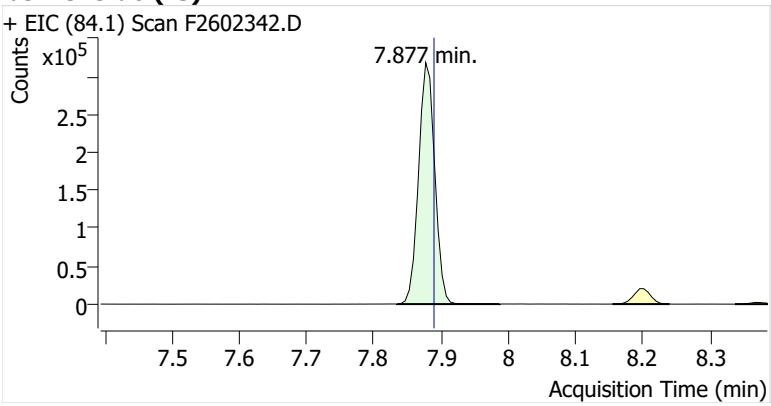
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Comment	B31114
Data File	F2602342.D
Acq. Date-Time	4/2/2026 10:00:37 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

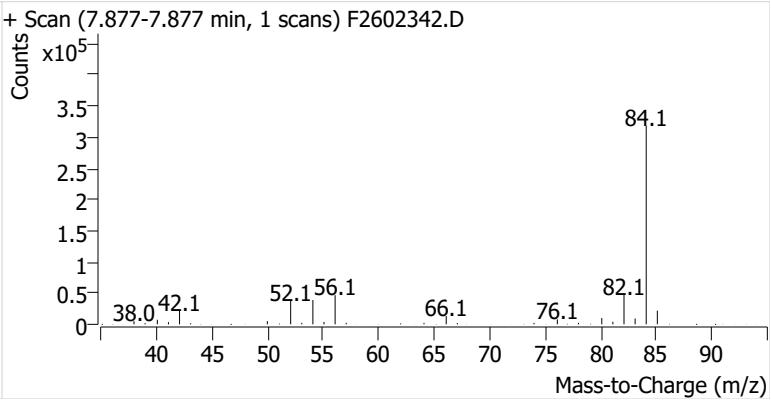
Sample Chromatogram



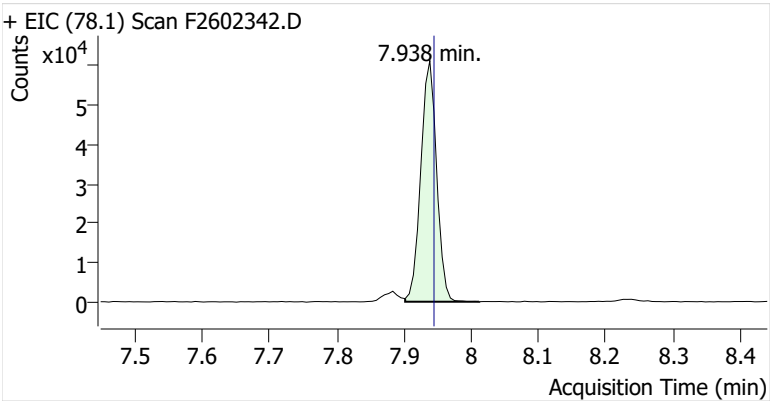
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	532,434	
Benzene	benzene-d6 (IS)	7.938	7.945	99,448	
Toluene-d8 (IS)		10.563	10.569	563,132	
Toluene	Toluene-d8 (IS)	10.661	10.667	297,315	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	43,051	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	96,939	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	39,137	

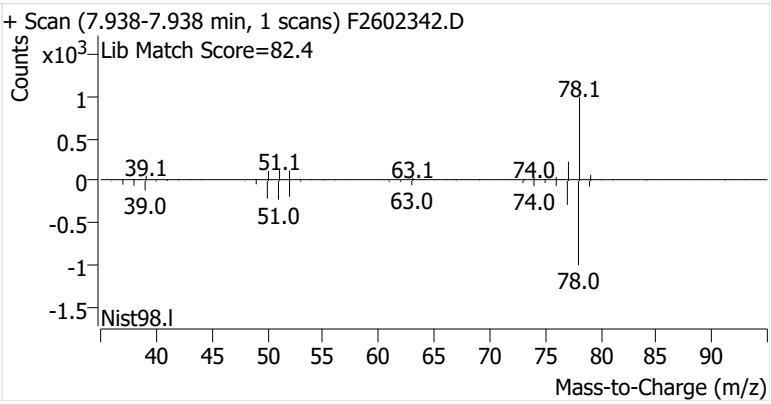
benzene-d6 (IS)



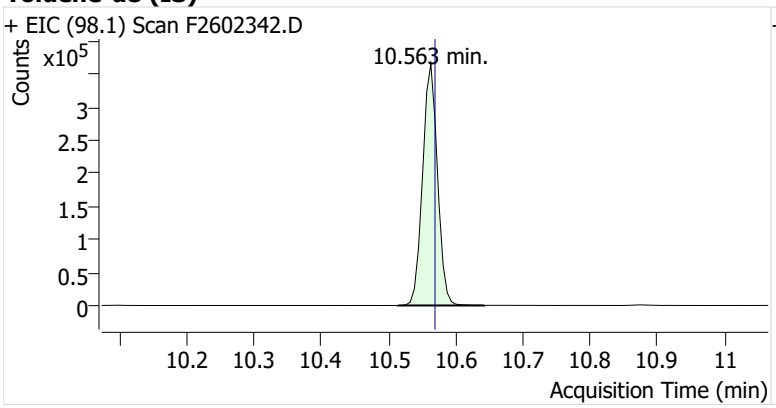


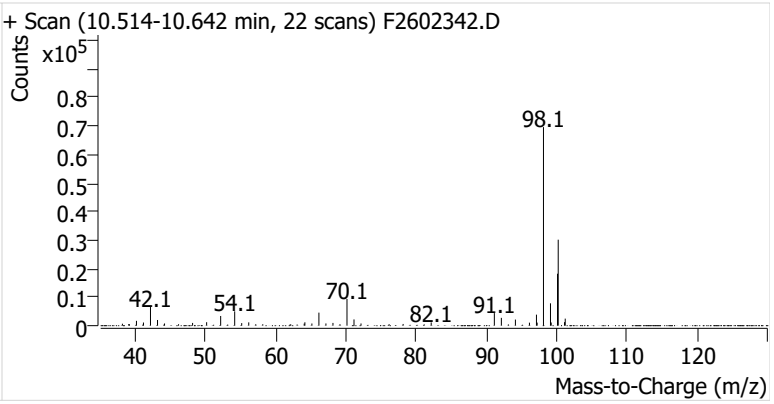
Benzene



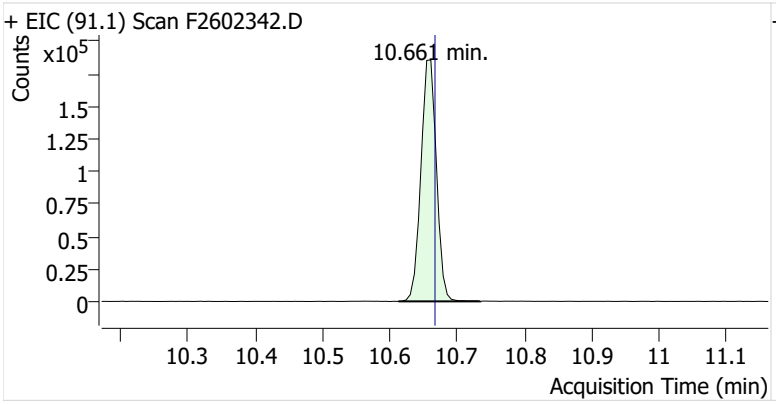


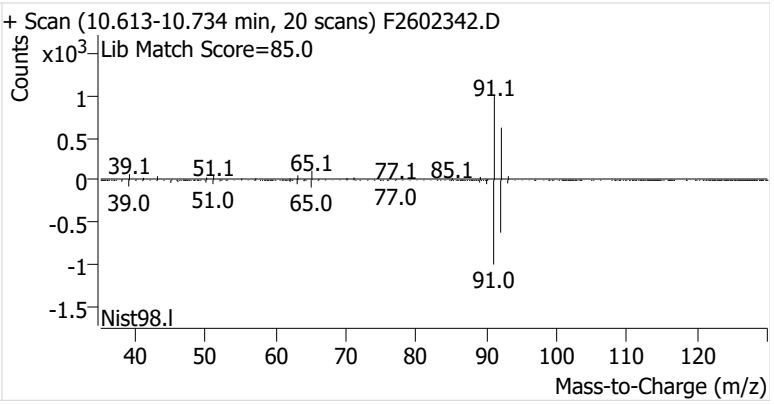
Toluene-d8 (IS)



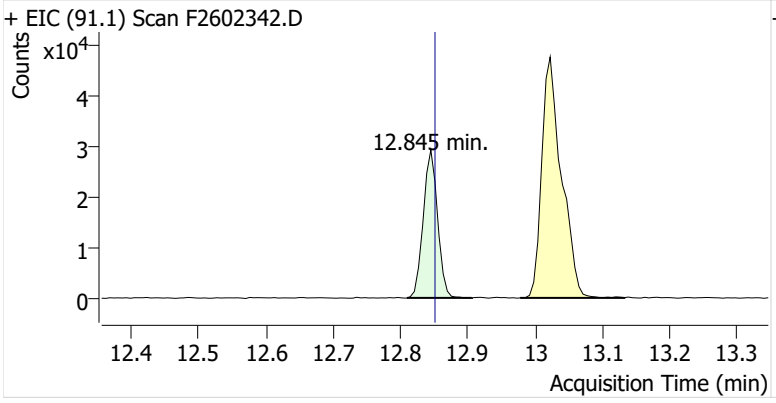


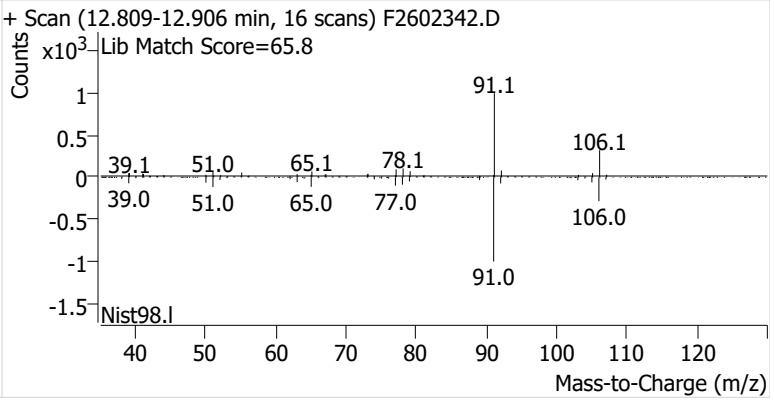
Toluene



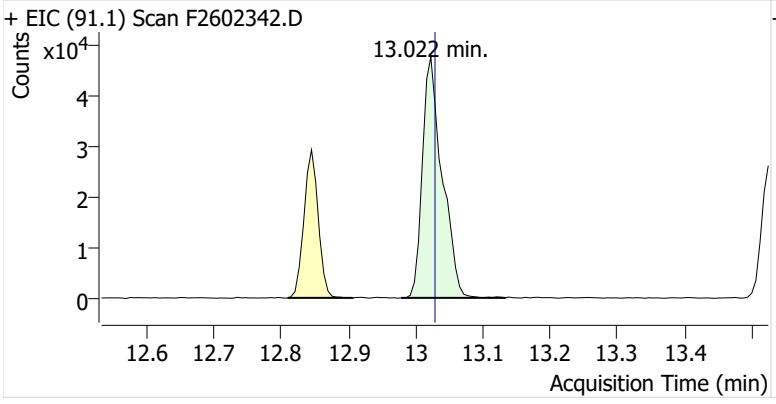


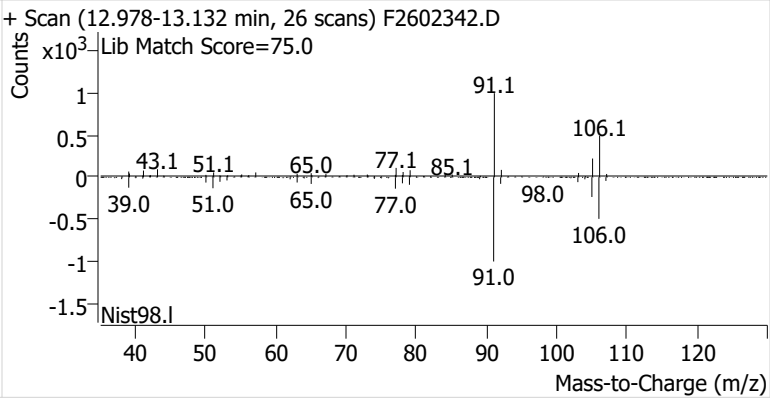
Ethylbenzene



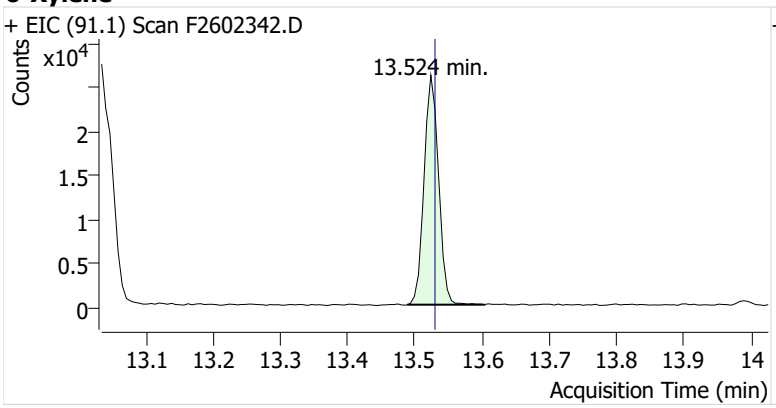


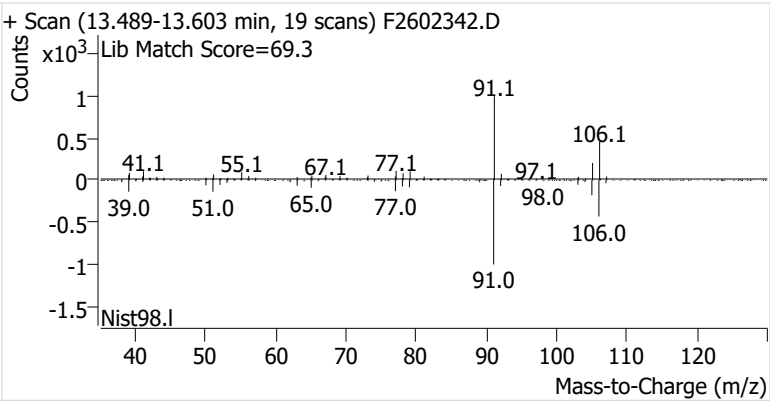
m-/p-Xylenes





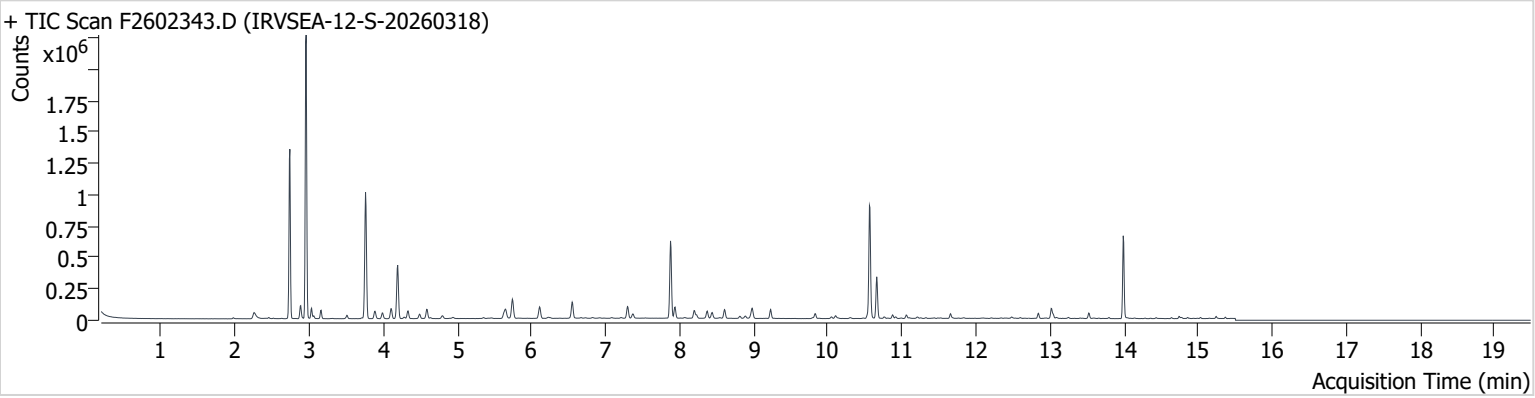
o-Xylene


+ EIC (91.1) Scan F2602342.D
Counts
x10^4
13.524 min.
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.603 min, 19 scans) F2602342.D
Lib Match Score=69.3
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
77.1
97.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

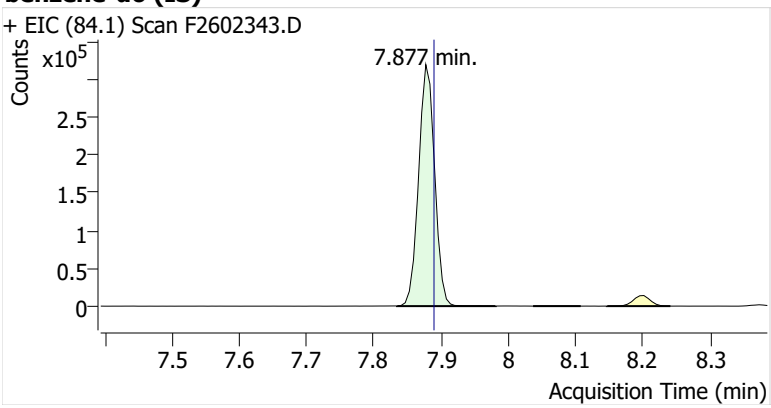
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Comment	B50693
Data File	F2602343.D
Acq. Date-Time	4/2/2026 10:25:53 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

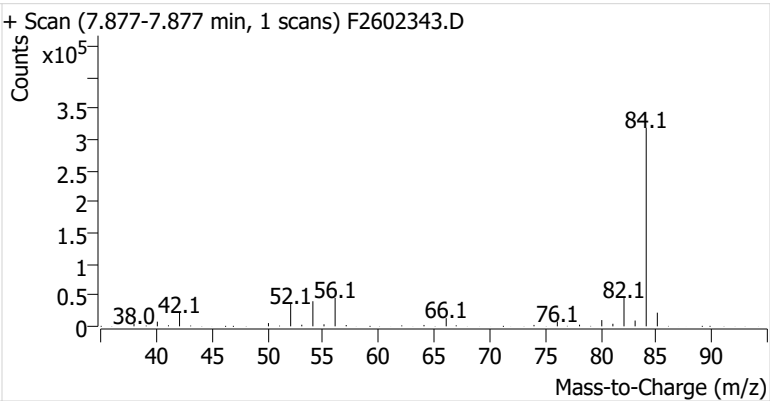
Sample Chromatogram



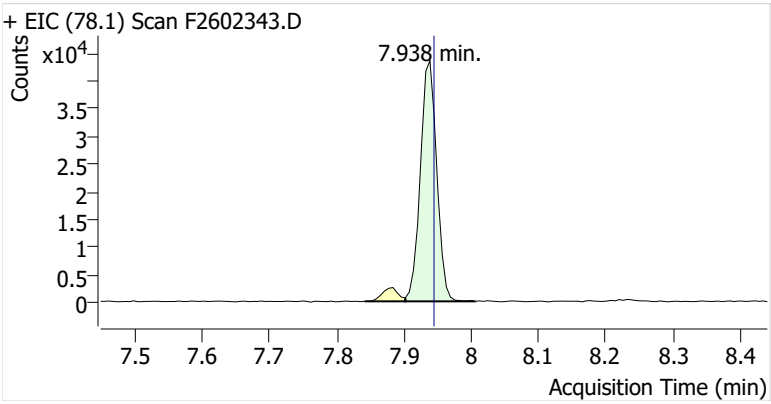
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	528,609	
Benzene	benzene-d6 (IS)	7.938	7.945	73,349	
Toluene-d8 (IS)		10.563	10.569	553,571	
Toluene	Toluene-d8 (IS)	10.661	10.667	197,119	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	26,570	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	59,732	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	24,692	

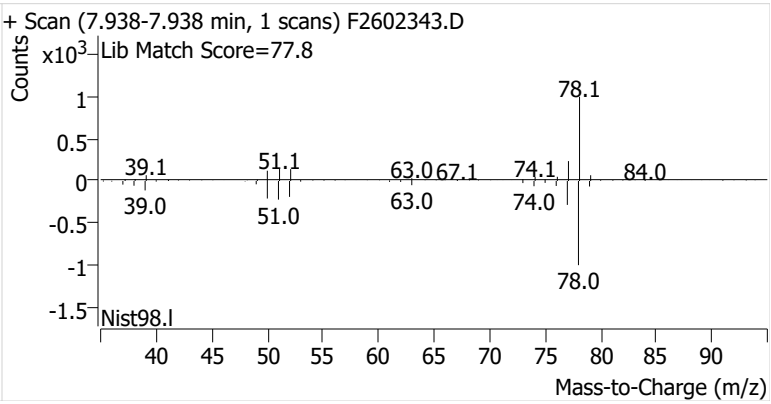
benzene-d6 (IS)



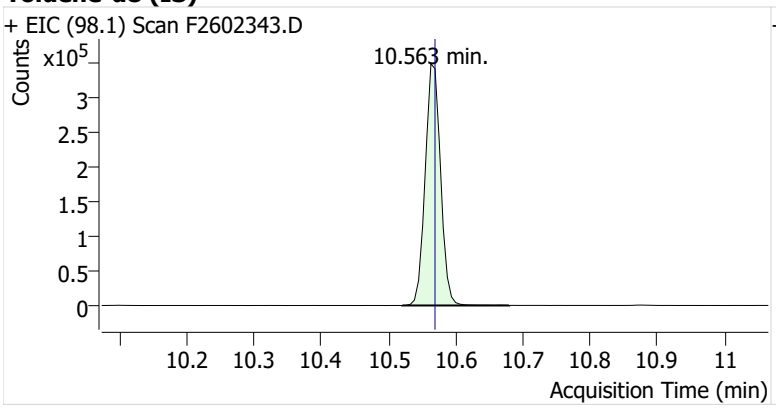


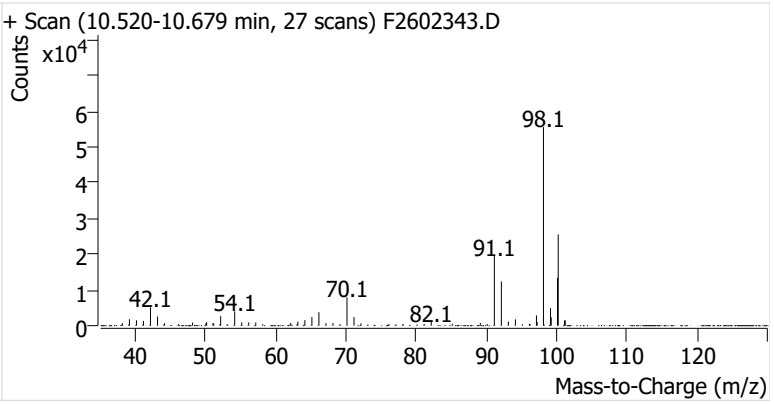
Benzene



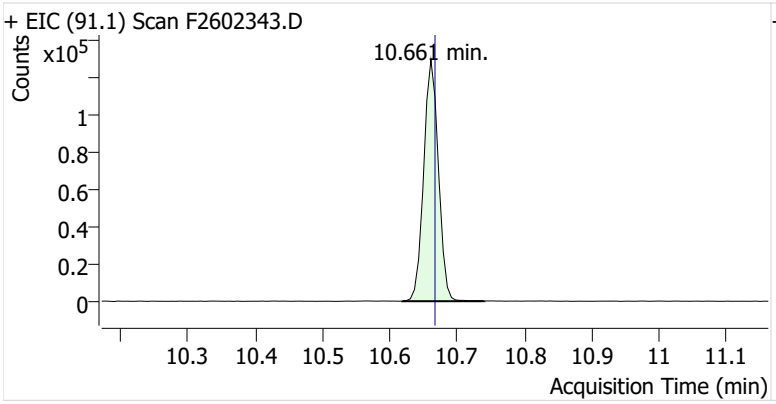


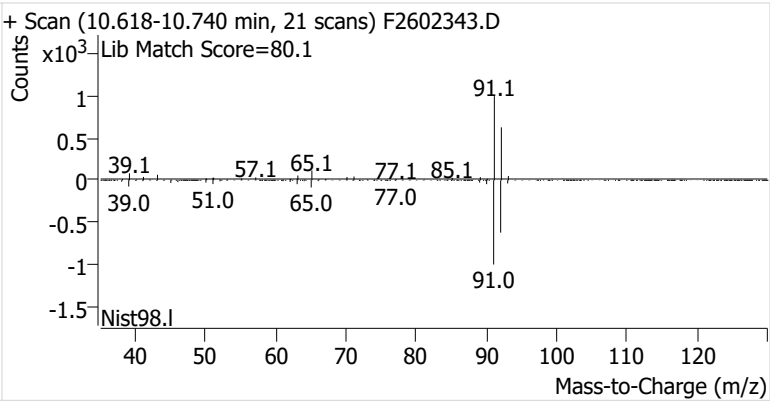
Toluene-d8 (IS)



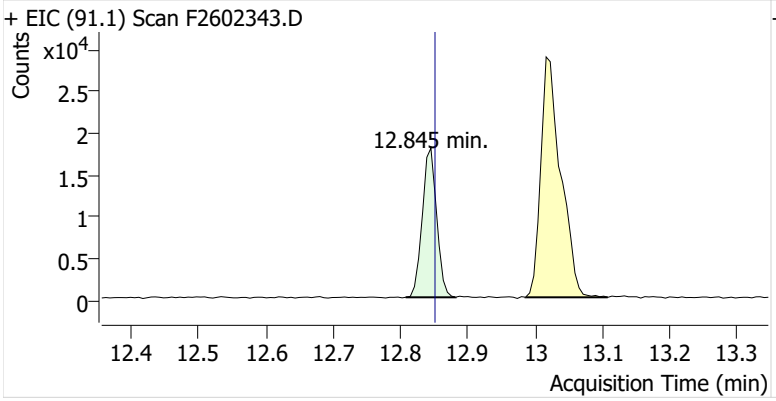


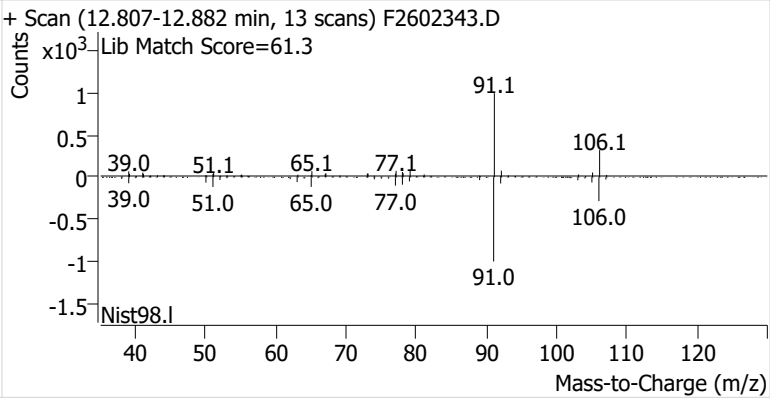
Toluene



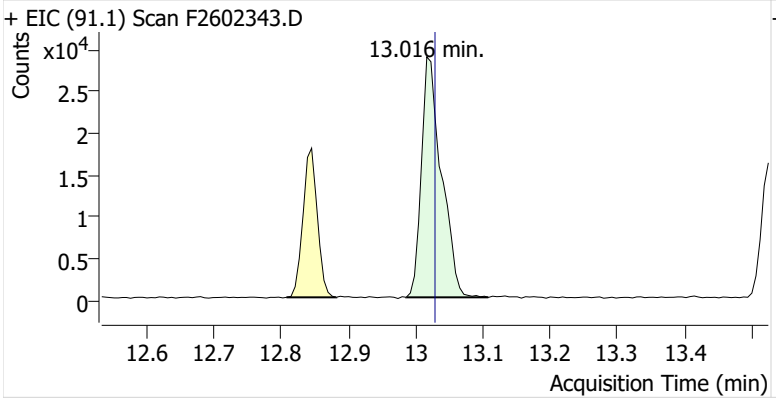


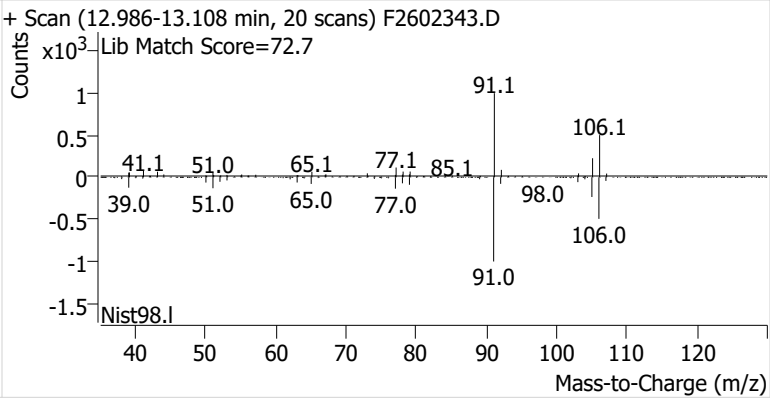
Ethylbenzene



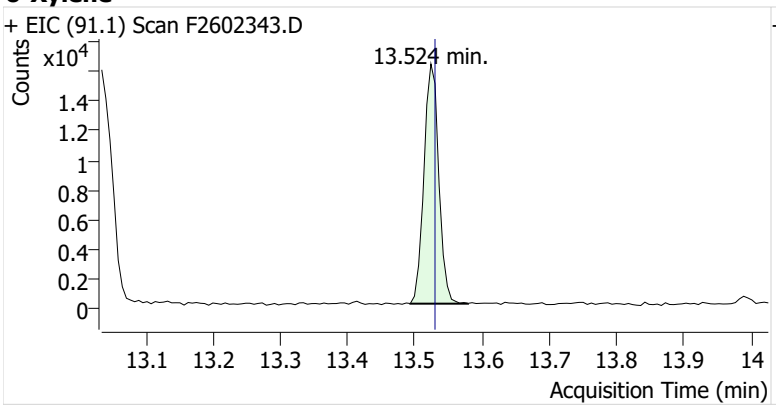


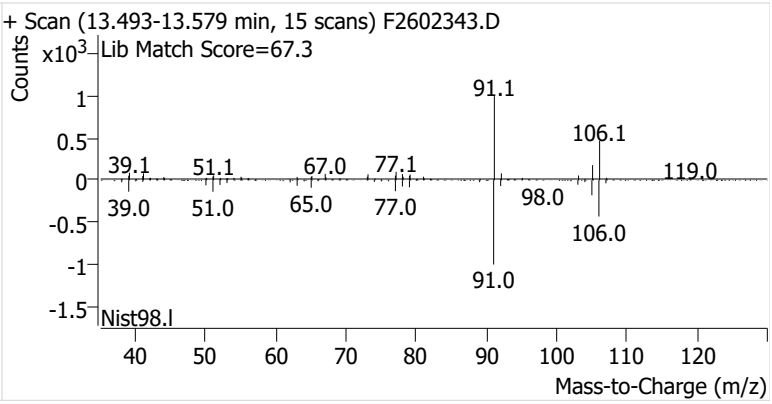
m-/p-Xylenes





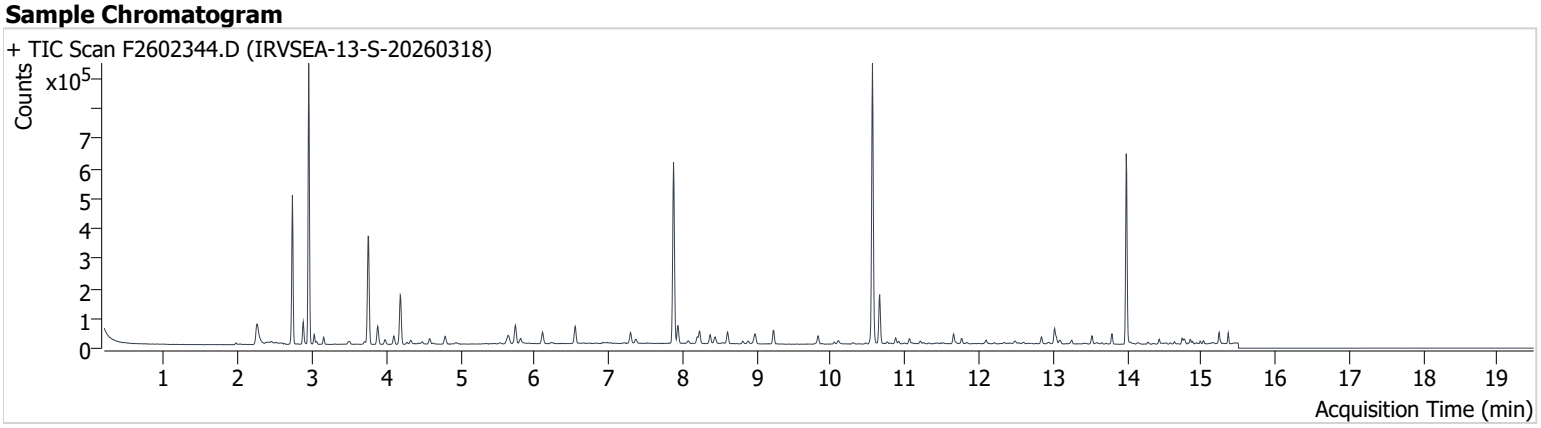
o-Xylene


+ EIC (91.1) Scan F2602343.D
Counts
x10^4
13.524 min.
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.493-13.579 min, 15 scans) F2602343.D
Counts
x10^3
Lib Match Score=67.3
91.1
106.1
39.1
51.1
67.0
77.1
119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

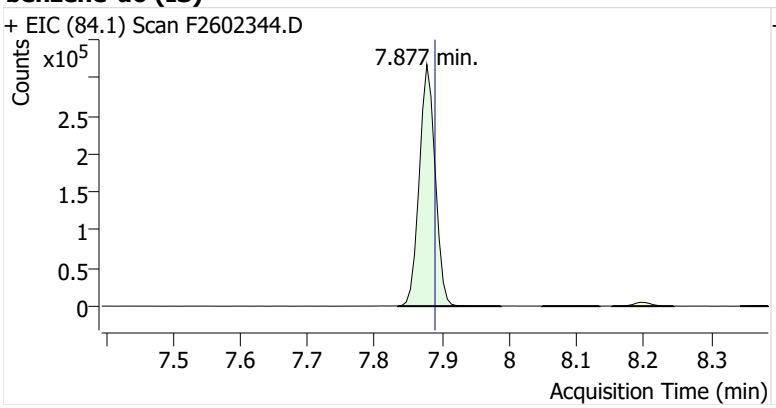
Name	IRVSEA-13-S-20260318
Comment	C56877
Data File	F2602344.D
Acq. Date-Time	4/2/2026 10:52:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

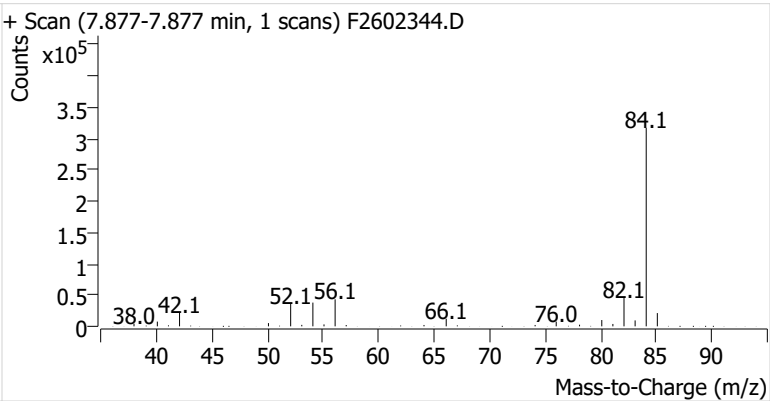
Sample Chromatogram



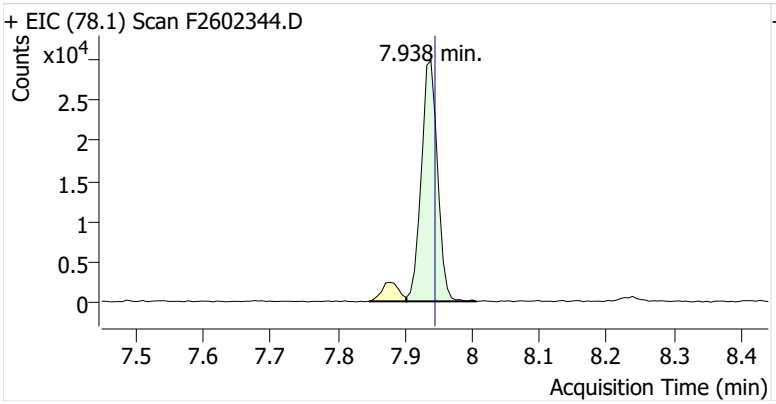
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	520,383	
Benzene	benzene-d6 (IS)	7.938	7.945	49,683	
Toluene-d8 (IS)		10.563	10.569	547,577	
Toluene	Toluene-d8 (IS)	10.661	10.667	100,715	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	14,585	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	37,843	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	15,217	

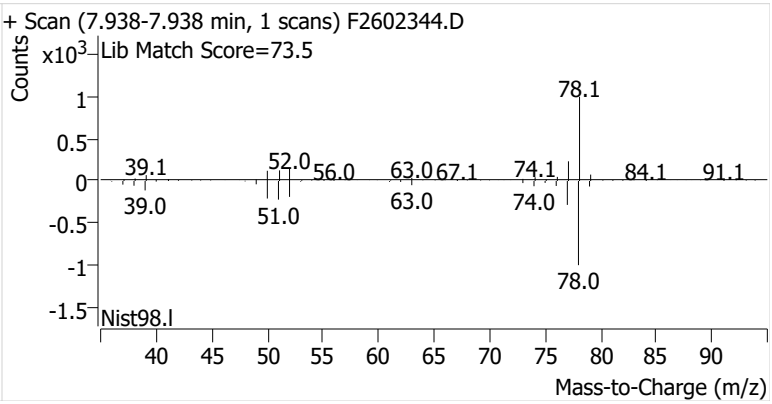
benzene-d6 (IS)



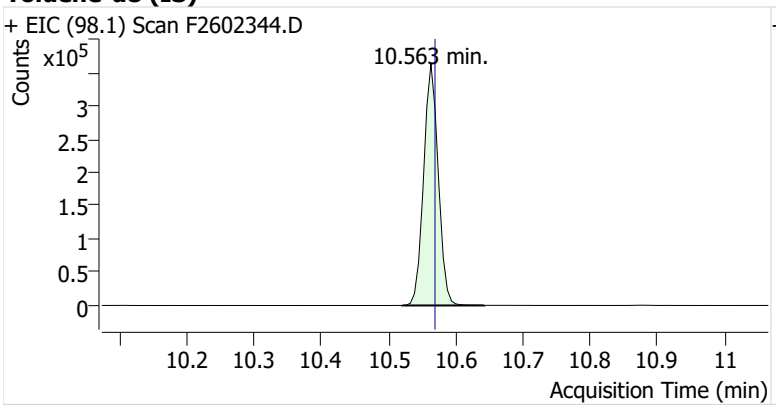


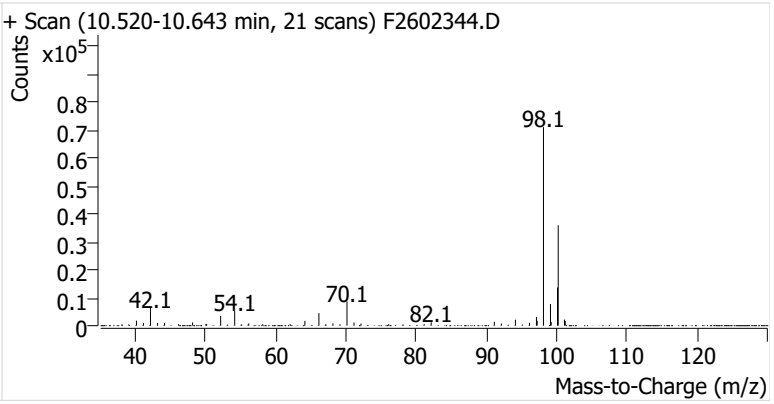
Benzene



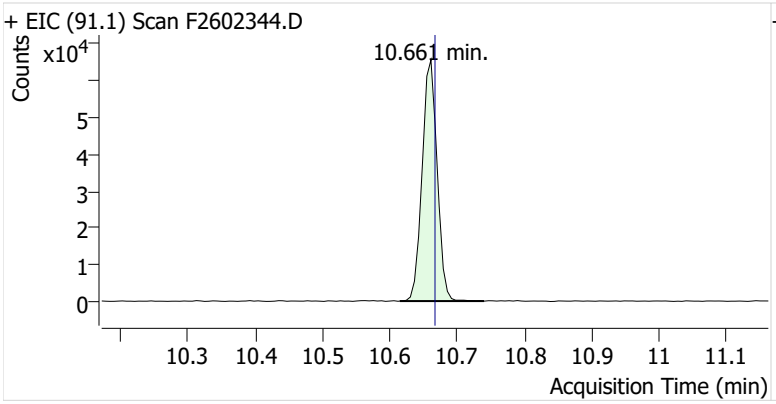


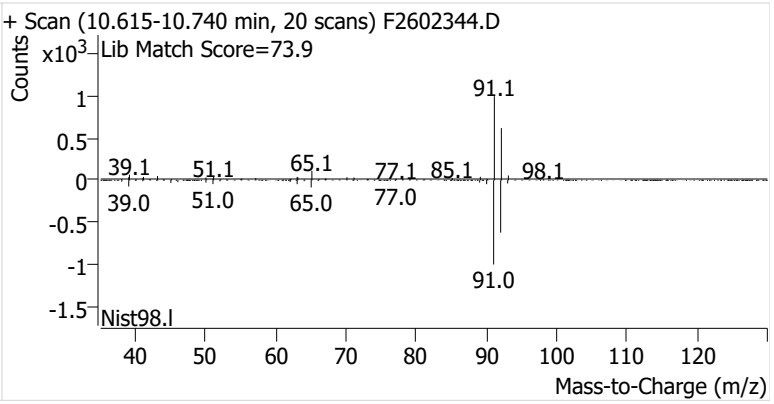
Toluene-d8 (IS)



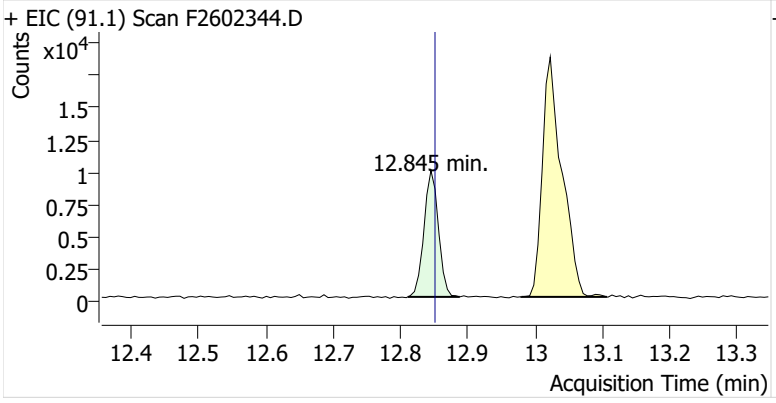


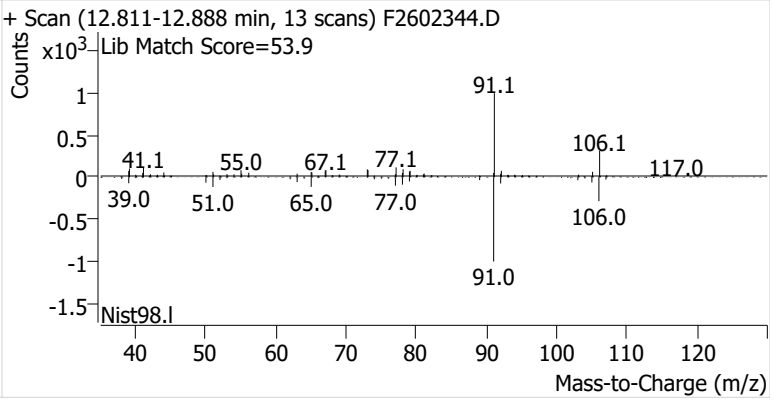
Toluene



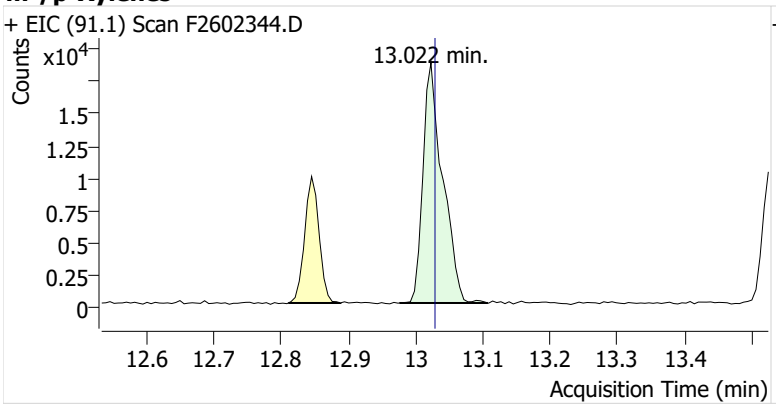


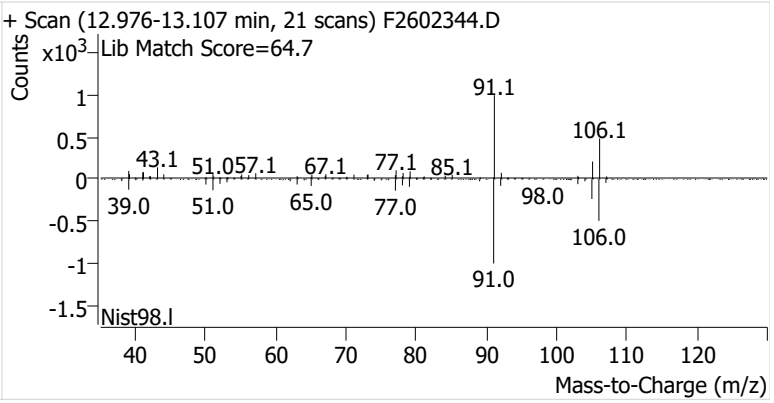
Ethylbenzene



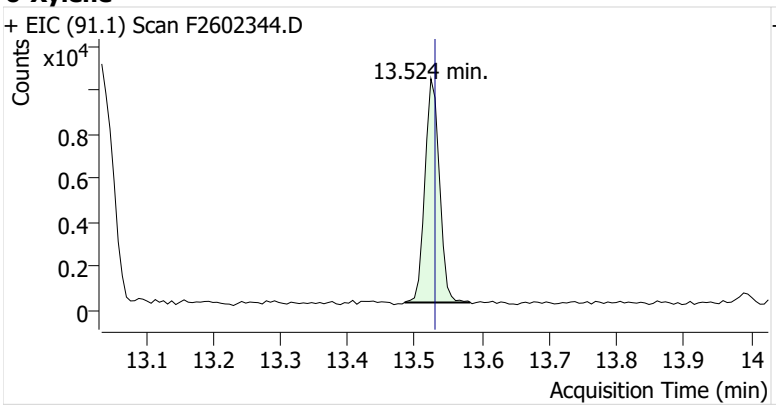


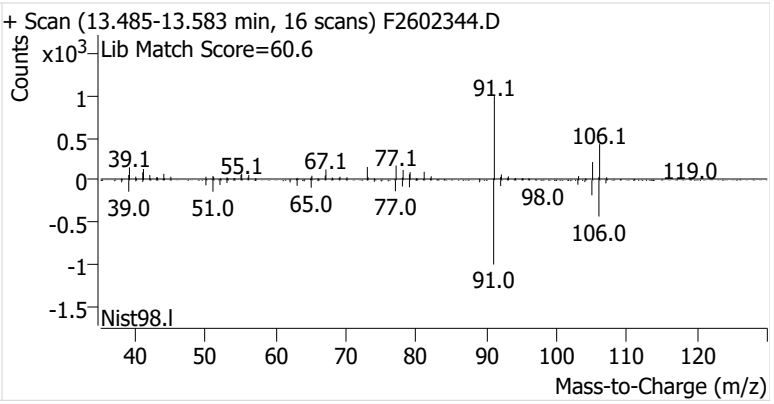
m-/p-Xylenes





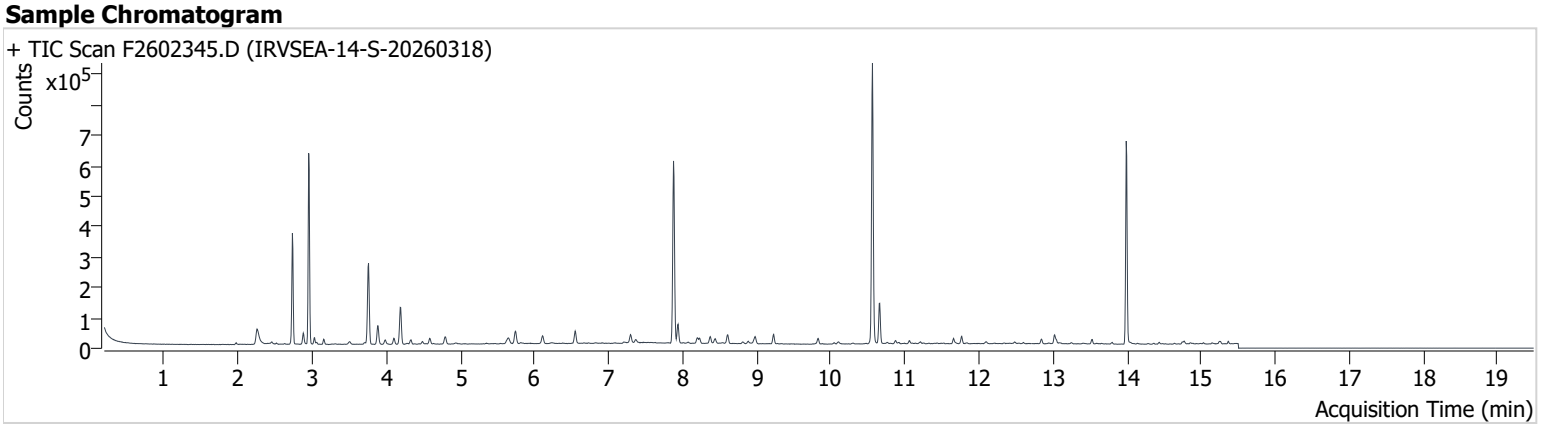
o-Xylene


+ EIC (91.1) Scan F2602344.D
Counts
x10^4
13.524 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.485-13.583 min, 16 scans) F2602344.D
Counts
x10^3
Lib Match Score=60.6
91.1
106.1
39.1
55.1
67.1
77.1
119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

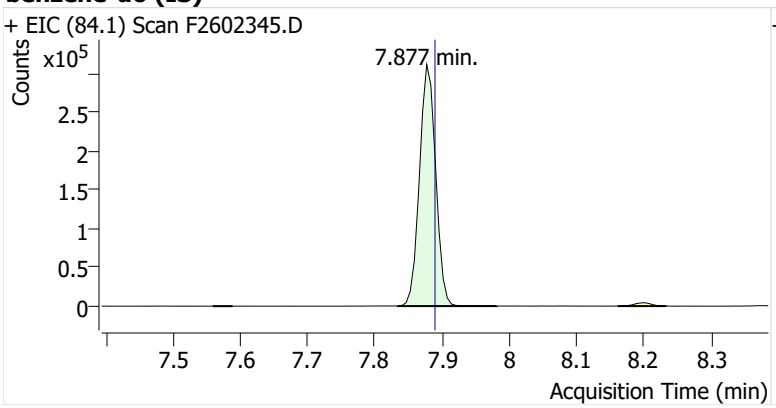
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Comment	B46211
Data File	F2602345.D
Acq. Date-Time	4/2/2026 11:17:24 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

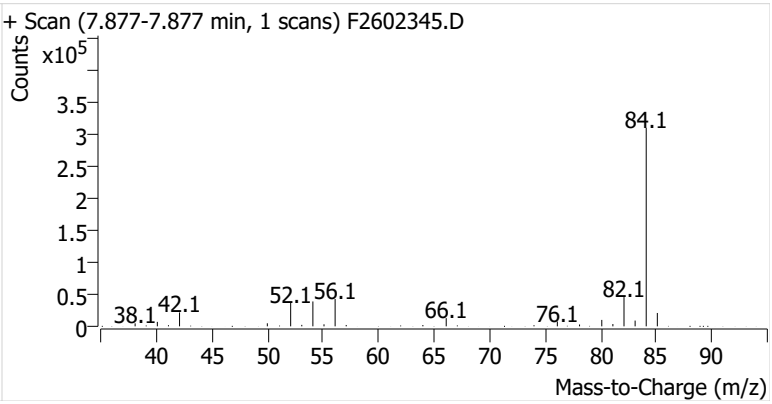
Sample Chromatogram



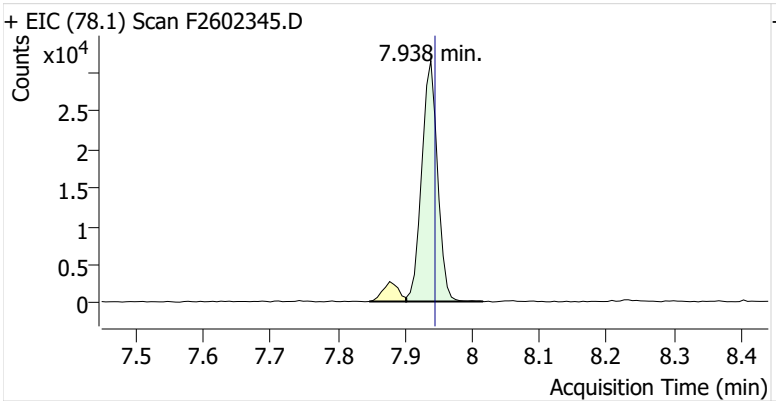
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	520,134	
Benzene	benzene-d6 (IS)	7.938	7.945	51,144	
Toluene-d8 (IS)		10.563	10.569	549,981	
Toluene	Toluene-d8 (IS)	10.661	10.667	85,856	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,520	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	21,634	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	8,797	

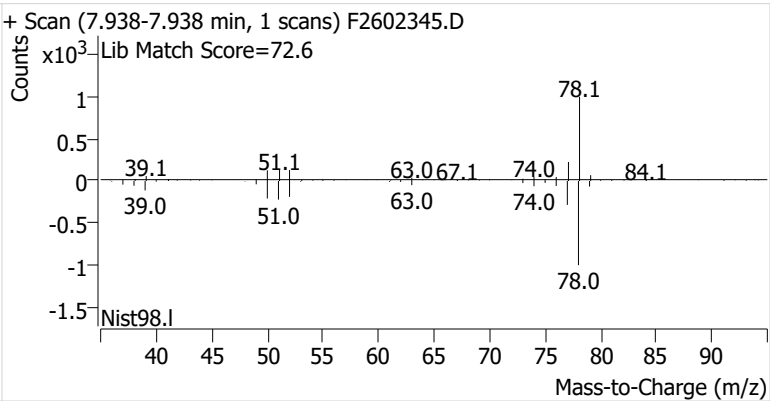
benzene-d6 (IS)



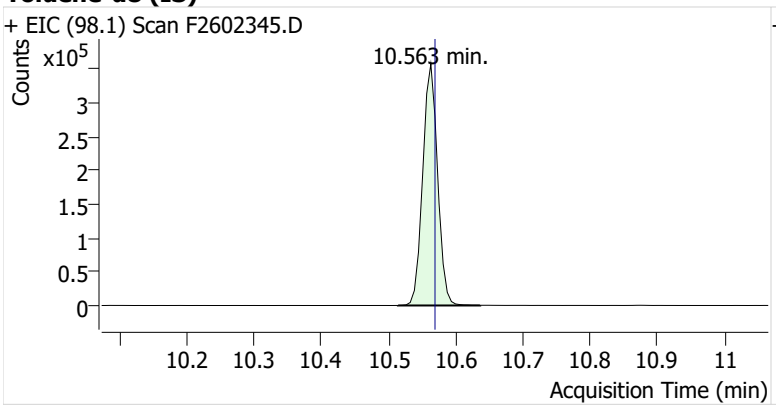


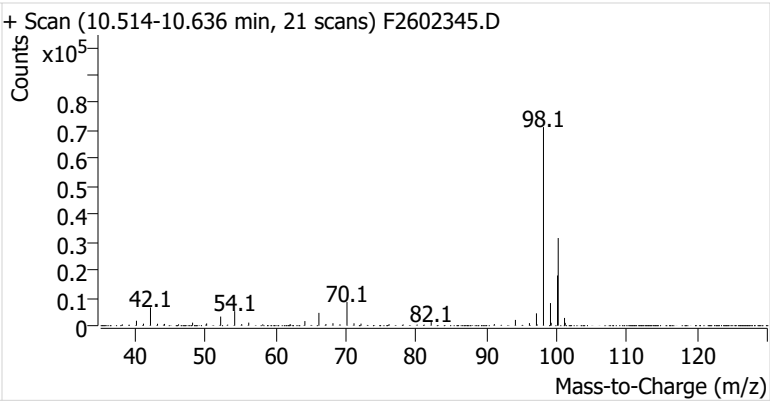
Benzene



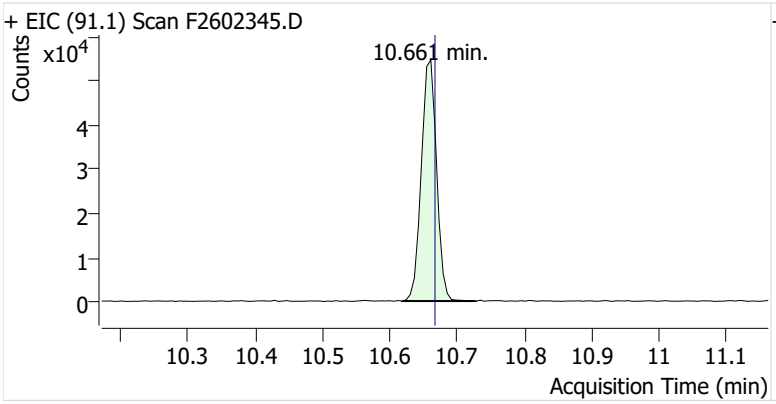


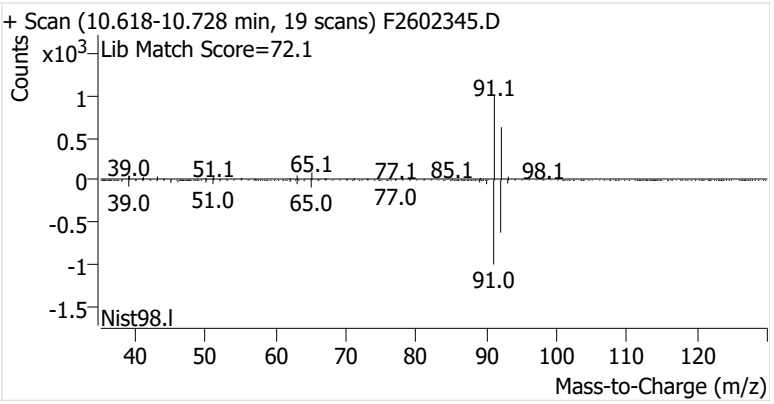
Toluene-d8 (IS)



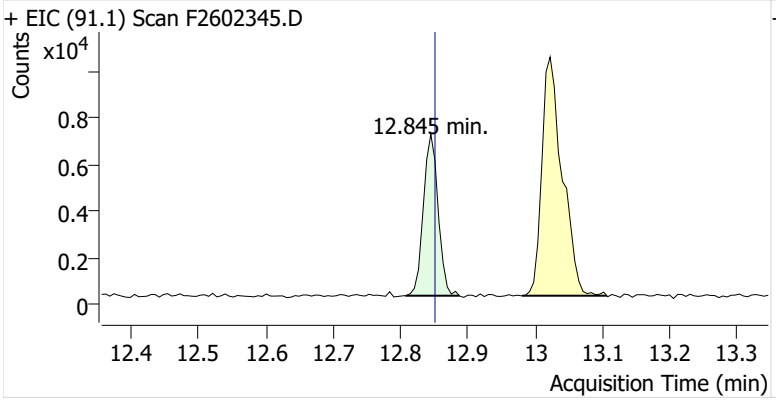


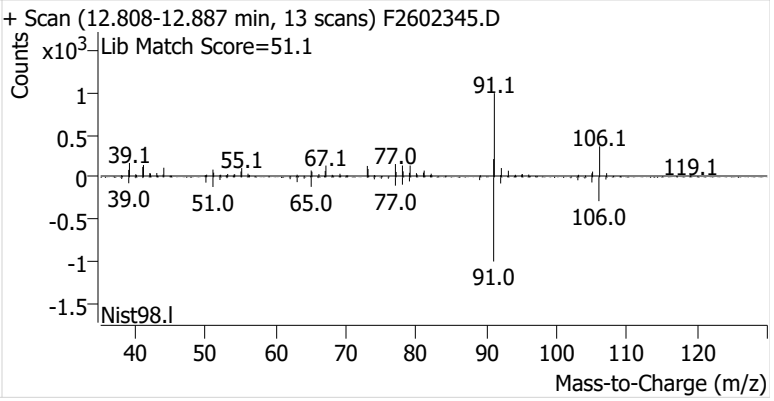
Toluene



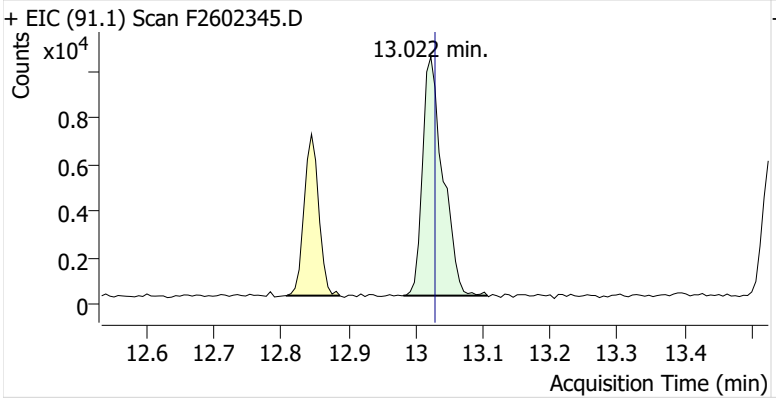


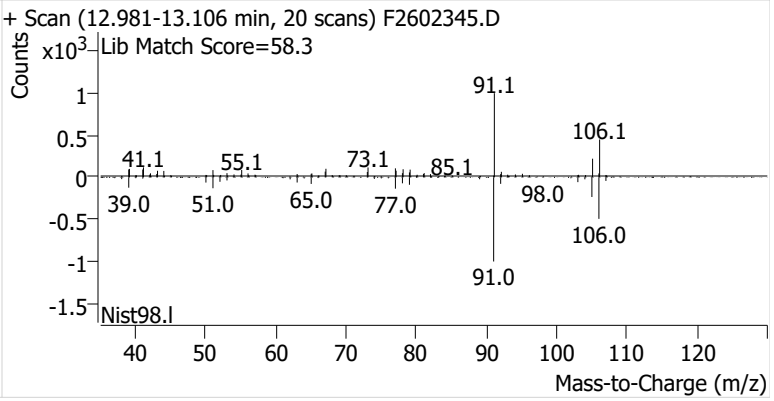
Ethylbenzene



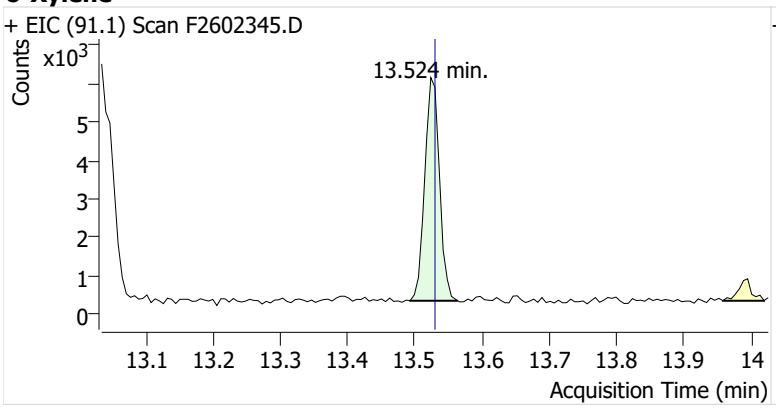


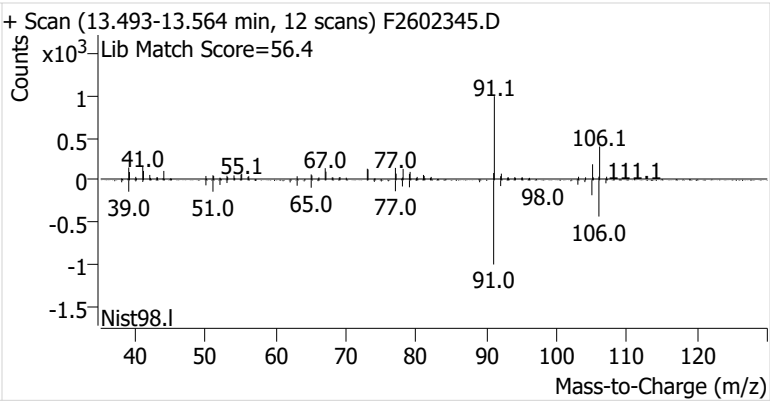
m-/p-Xylenes





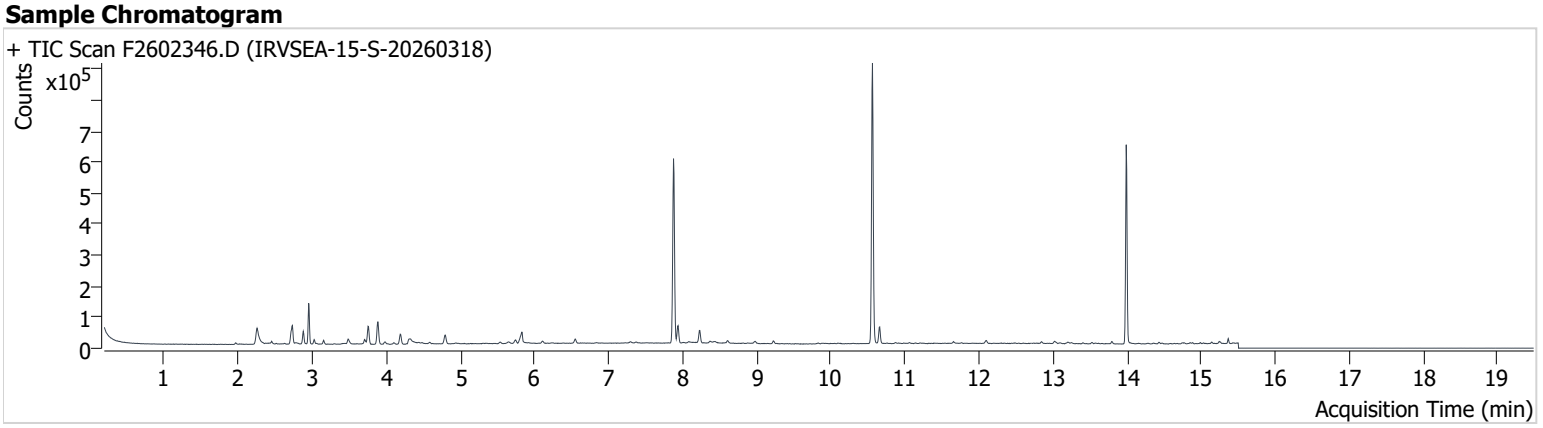
o-Xylene


+ EIC (91.1) Scan F2602345.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.493-13.564 min, 12 scans) F2602345.D
Counts
x10^3
Lib Match Score=56.4
91.1
106.1
41.0
55.1
67.0
77.0
111.1
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77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

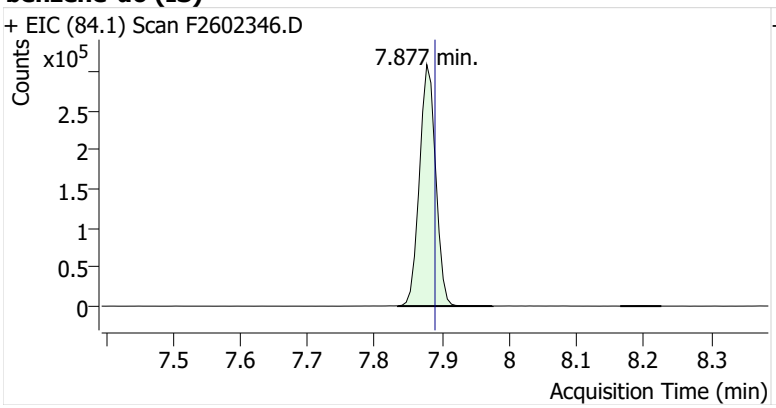
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Comment	C67452
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

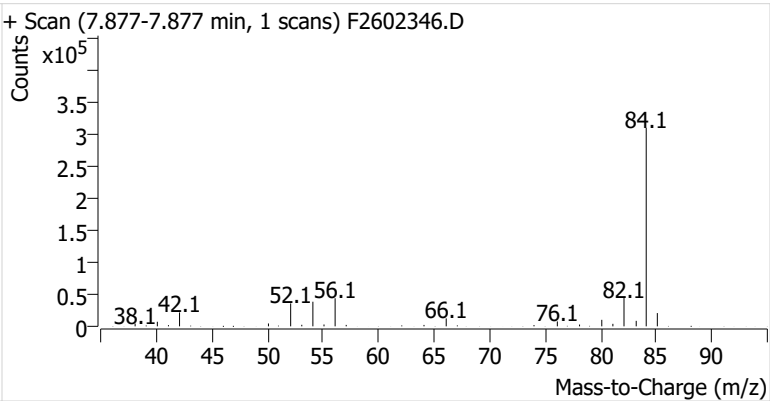
Sample Chromatogram



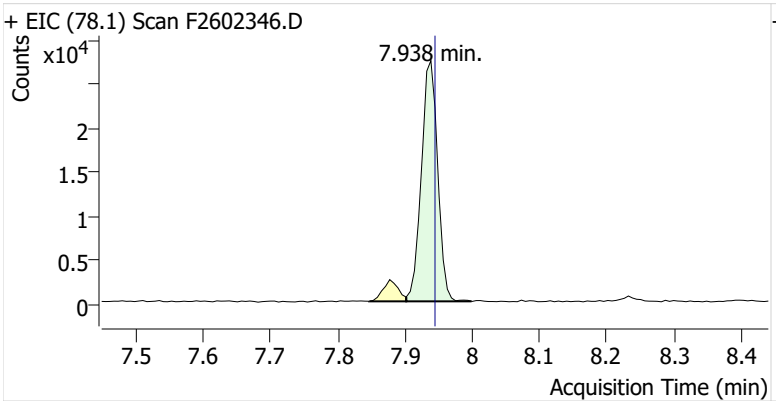
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	516,624	
Benzene	benzene-d6 (IS)	7.938	7.945	46,372	
Toluene-d8 (IS)		10.563	10.569	542,054	
Toluene	Toluene-d8 (IS)	10.661	10.667	33,735	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	2,621	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	4,882	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	2,278	

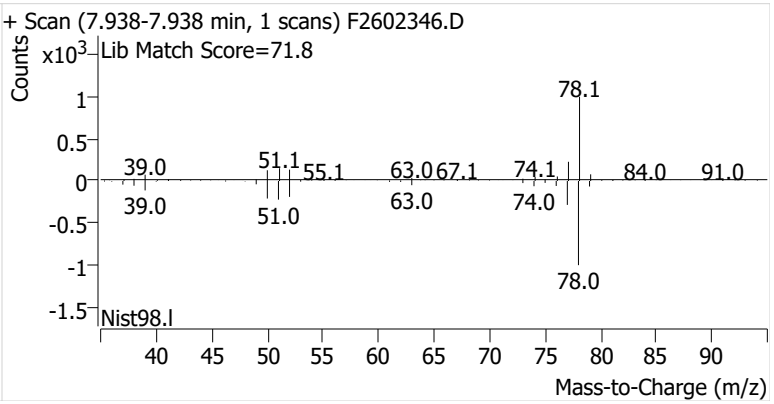
benzene-d6 (IS)



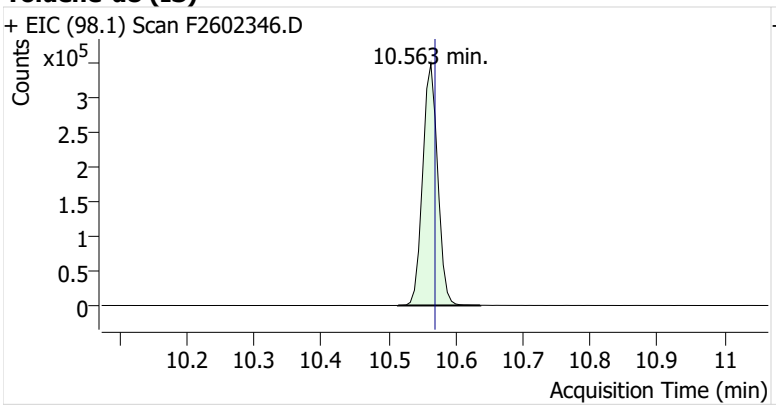


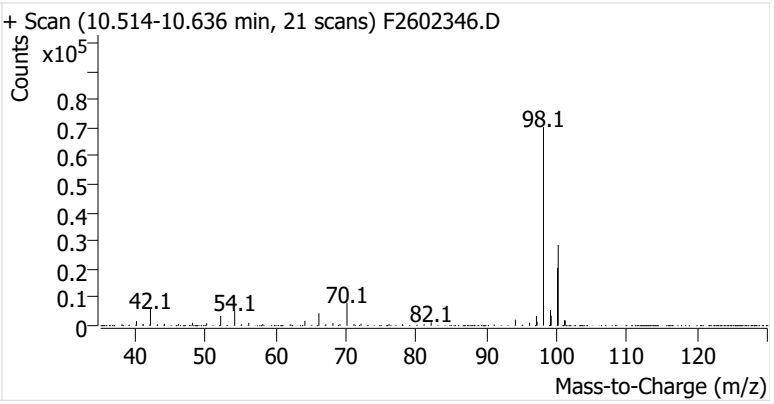
Benzene



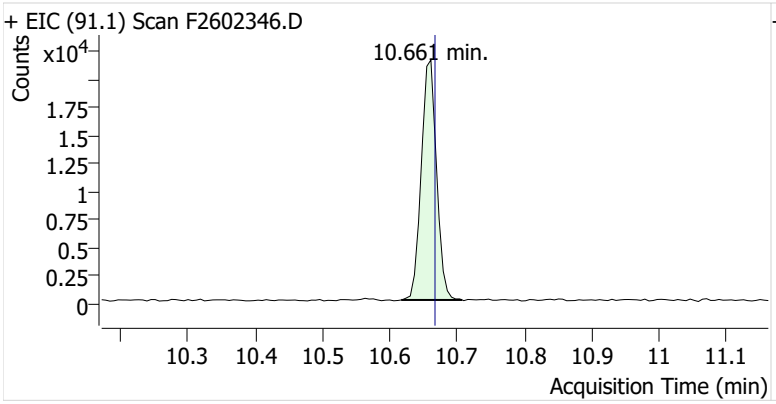


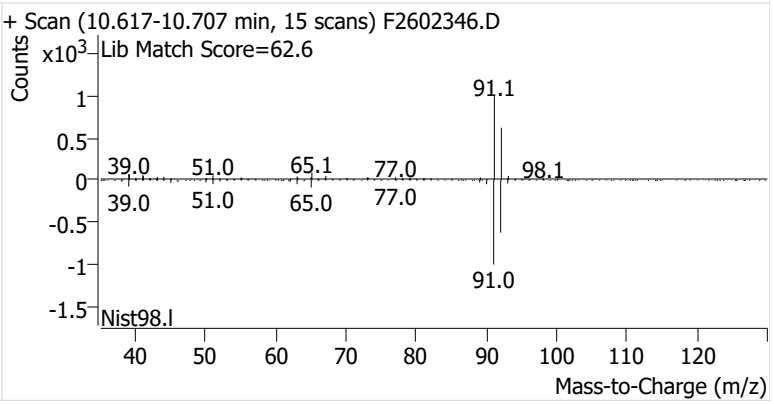
Toluene-d8 (IS)



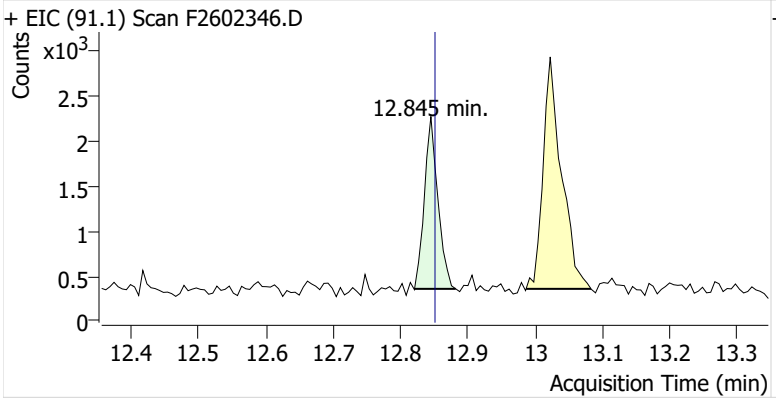


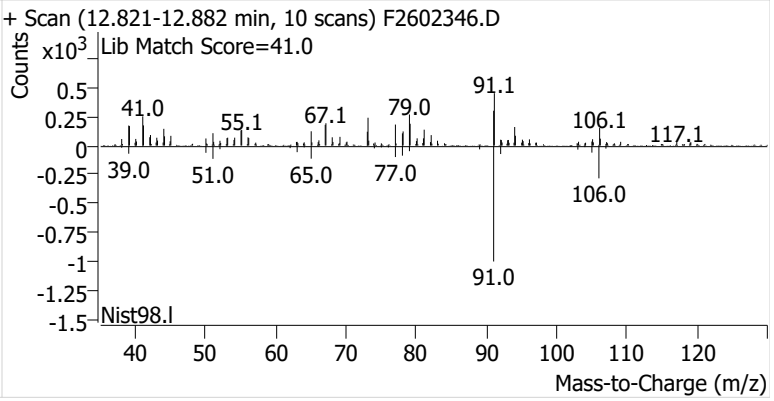
Toluene



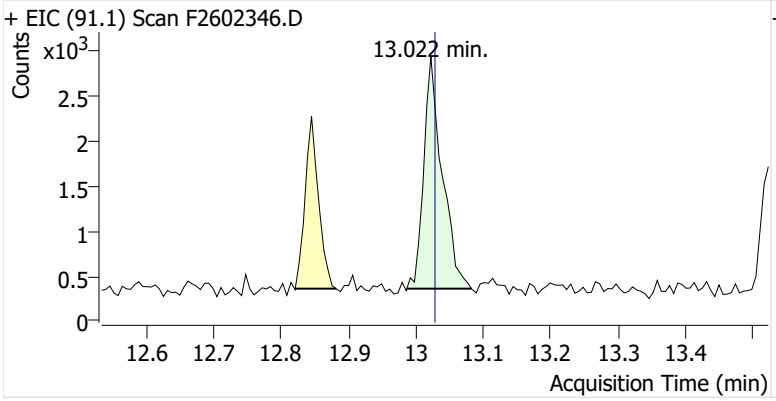


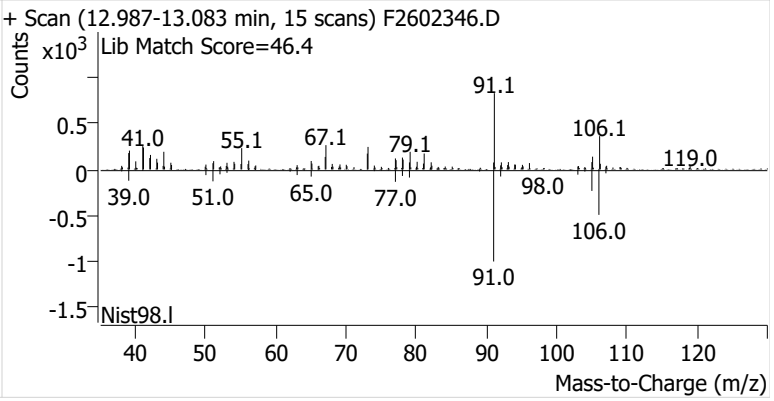
Ethylbenzene



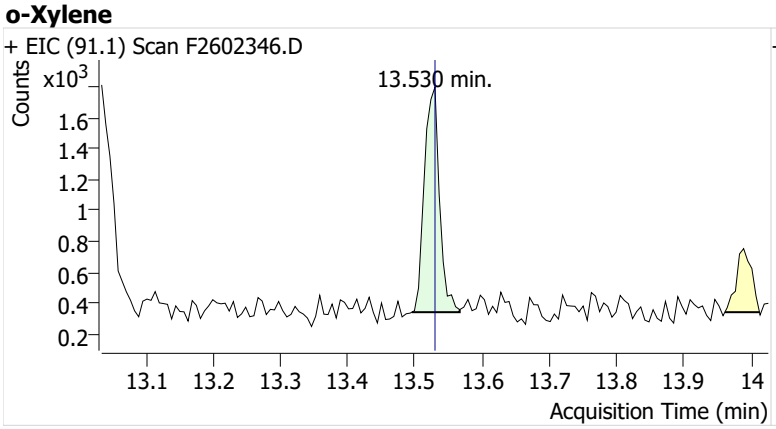


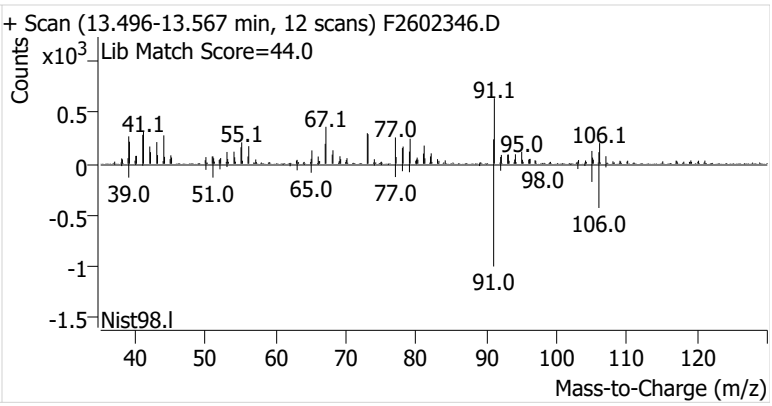
m-/p-Xylenes





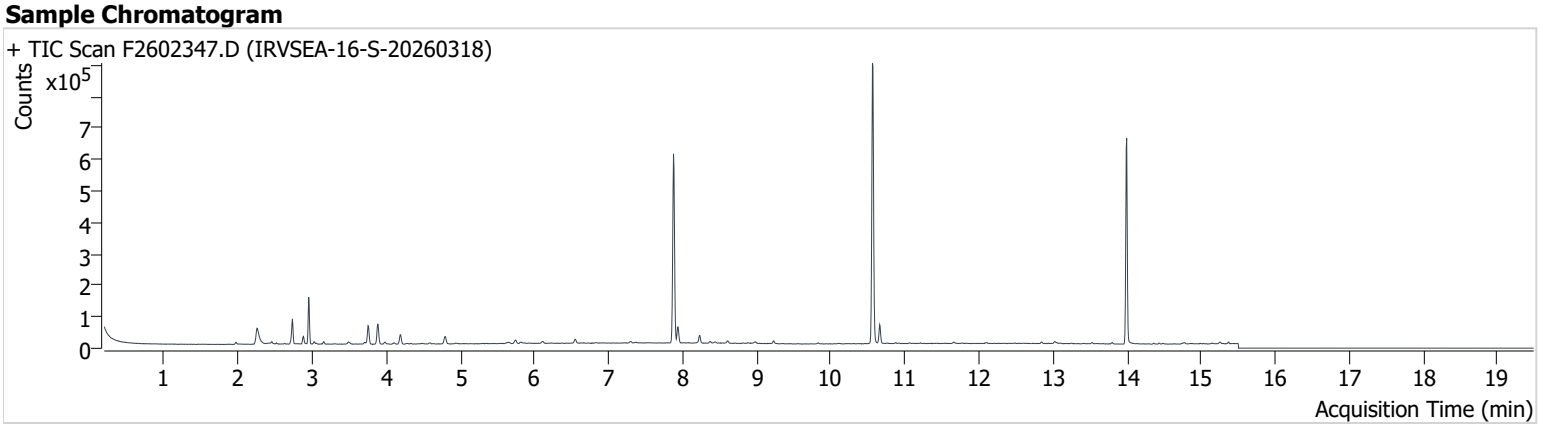
o-Xylene


+ EIC (91.1) Scan F2602346.D
Counts
x10^3
13.530 min.
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.496-13.567 min, 12 scans) F2602346.D
Counts
x10^3
Lib Match Score=44.0
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
77.0
91.1
95.0
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

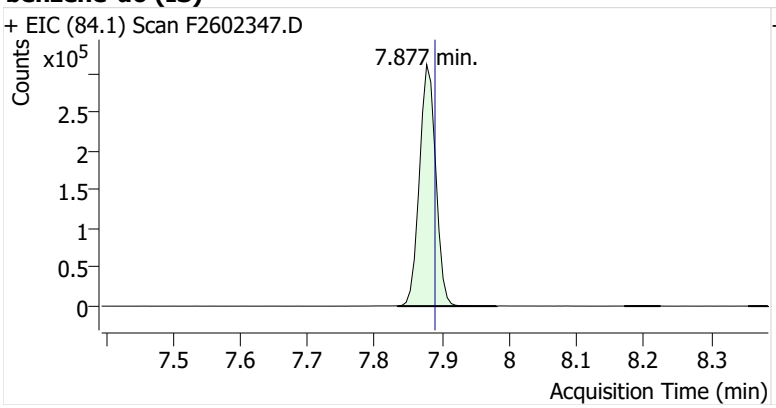
Name	IRVSEA-16-S-20260318
Comment	C01507
Data File	F2602347.D
Acq. Date-Time	4/3/2026 12:08:07 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

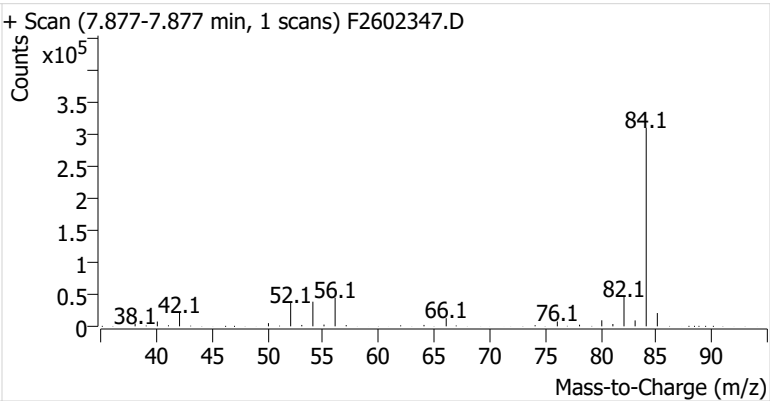
Sample Chromatogram



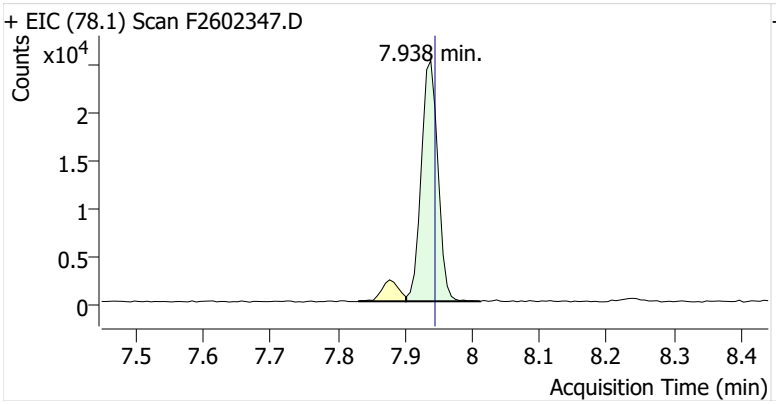
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	524,754	
Benzene	benzene-d6 (IS)	7.938	7.945	43,465	
Toluene-d8 (IS)		10.563	10.569	554,046	
Toluene	Toluene-d8 (IS)	10.661	10.667	37,206	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	3,014	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	5,067	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	2,293	

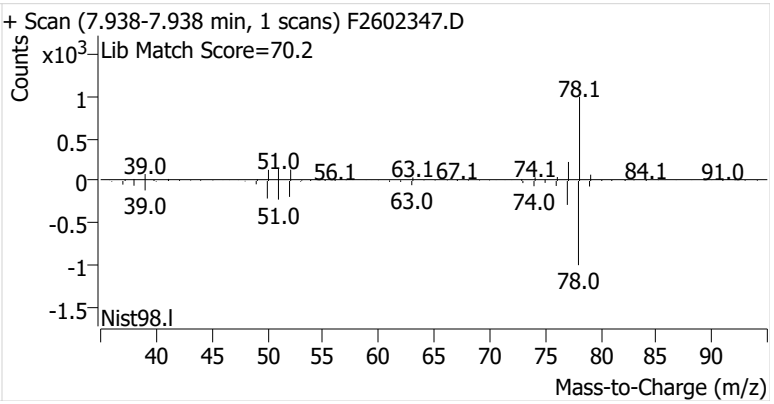
benzene-d6 (IS)



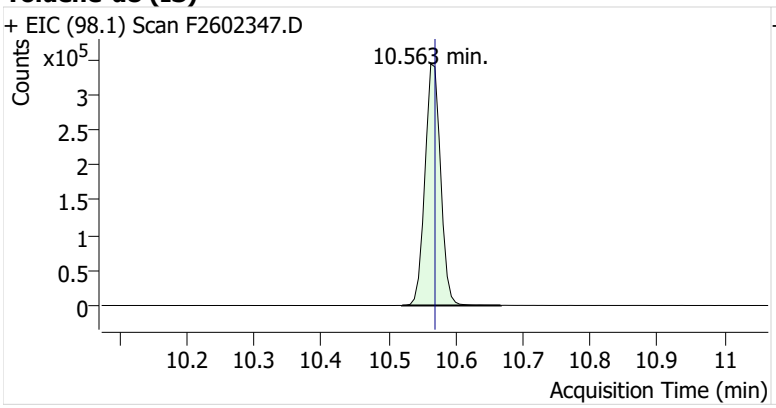


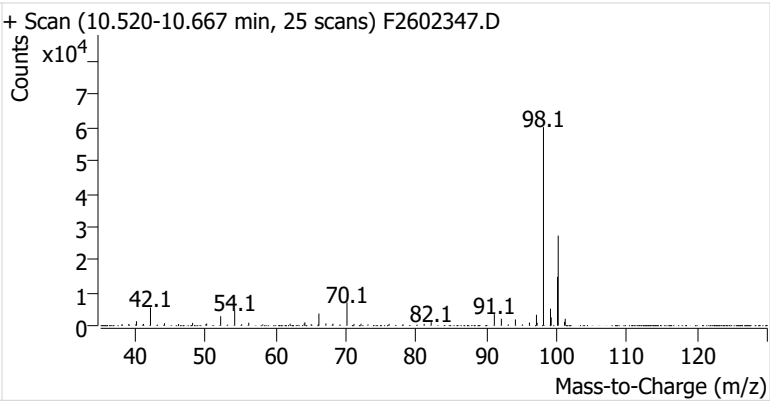
Benzene



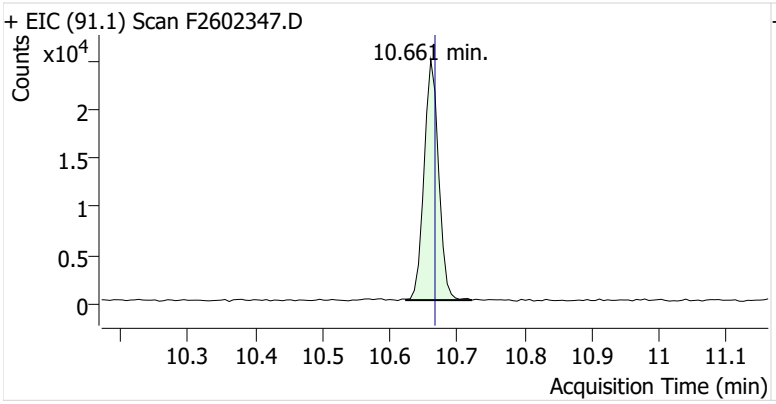


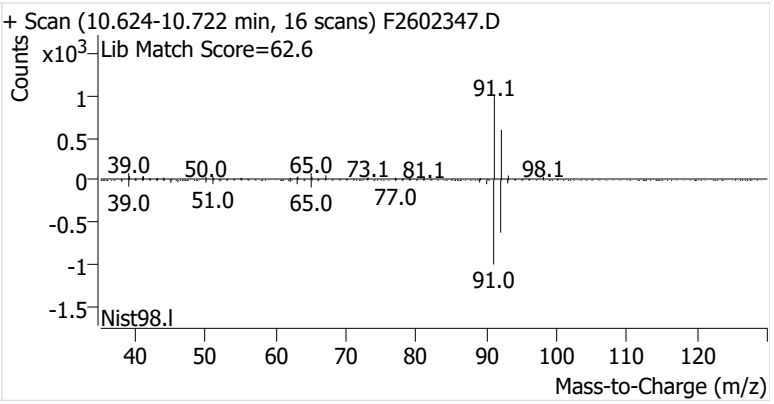
Toluene-d8 (IS)



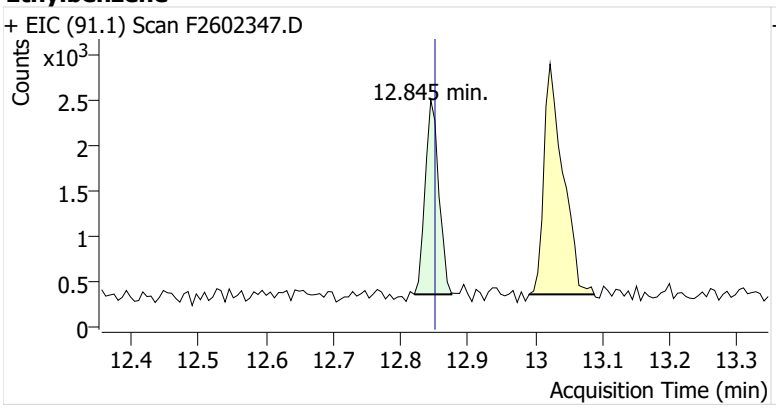


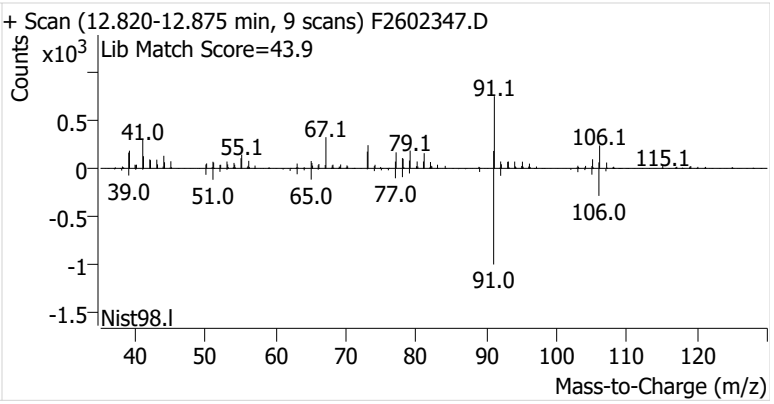
Toluene



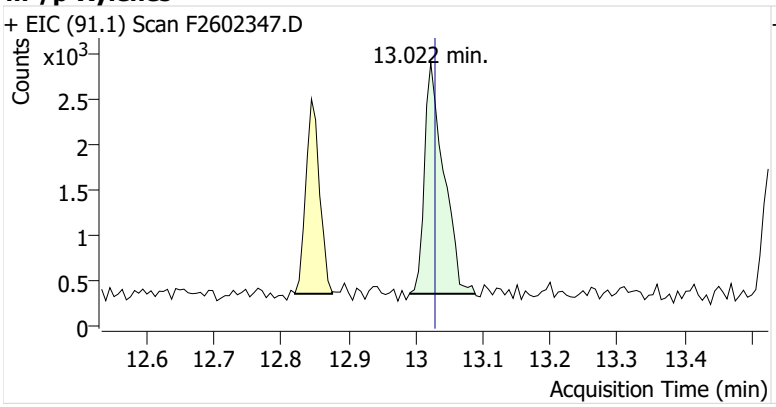


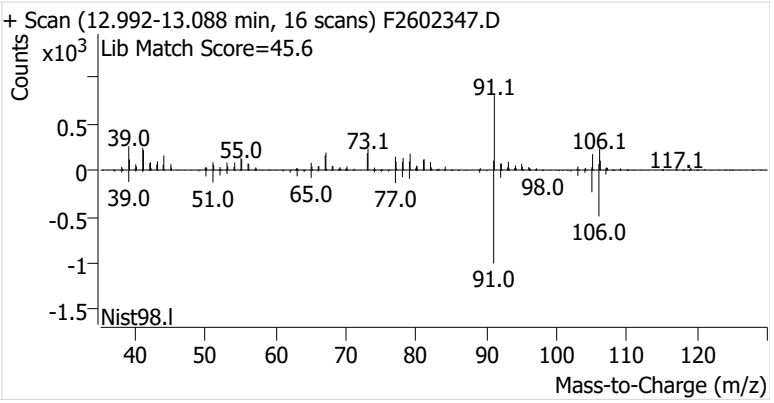
Ethylbenzene



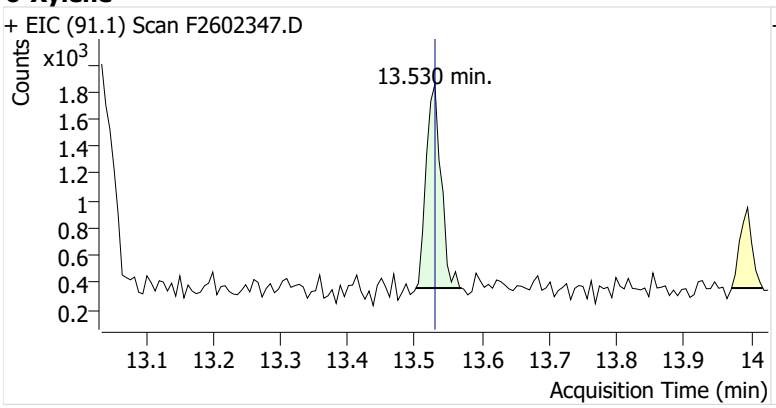


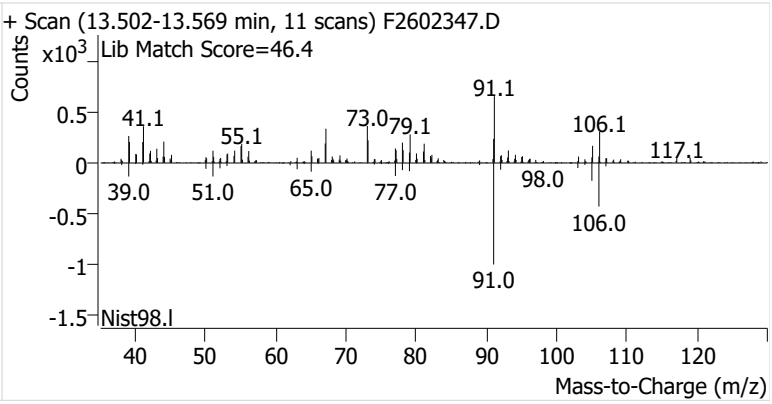
m-/p-Xylenes





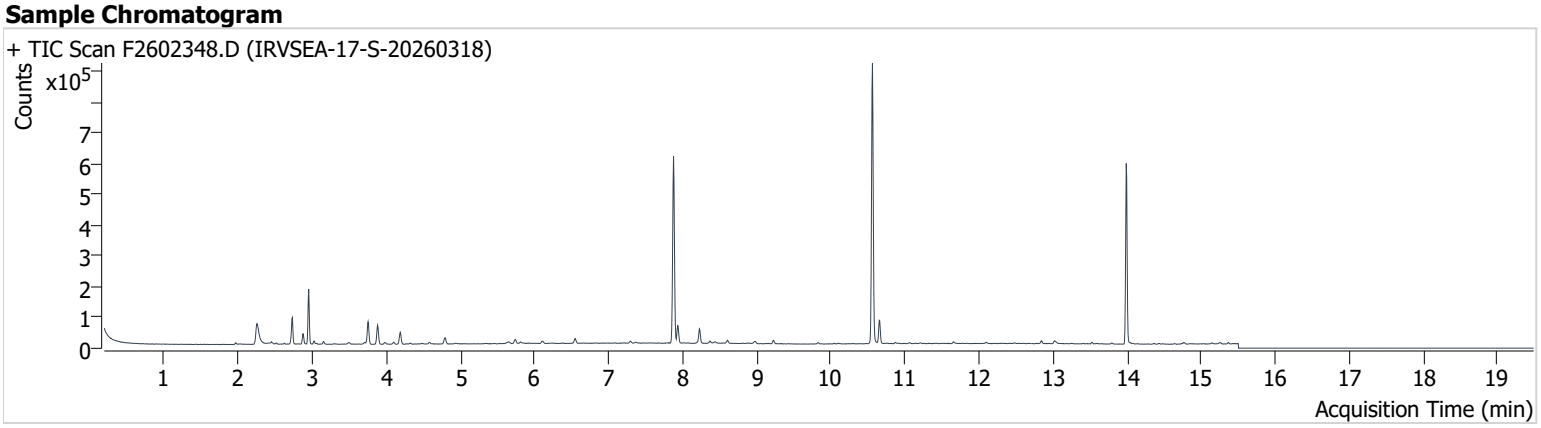
o-Xylene


+ EIC (91.1) Scan F2602347.D
Counts
x10^3
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.530 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.502-13.569 min, 11 scans) F2602347.D
Lib Match Score=46.4
Counts
x10^3
0.5
0
-0.5
-1
-1.5
41.1
55.1
73.0
79.1
91.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

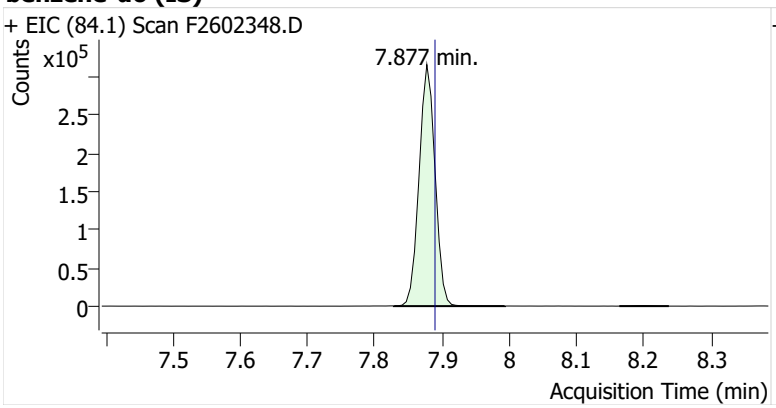
Name	IRVSEA-17-S-20260318
Comment	C40176
Data File	F2602348.D
Acq. Date-Time	4/3/2026 12:33:28 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

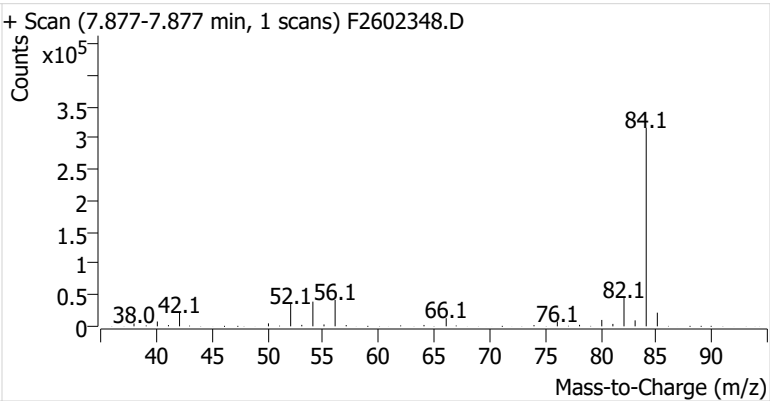
Sample Chromatogram



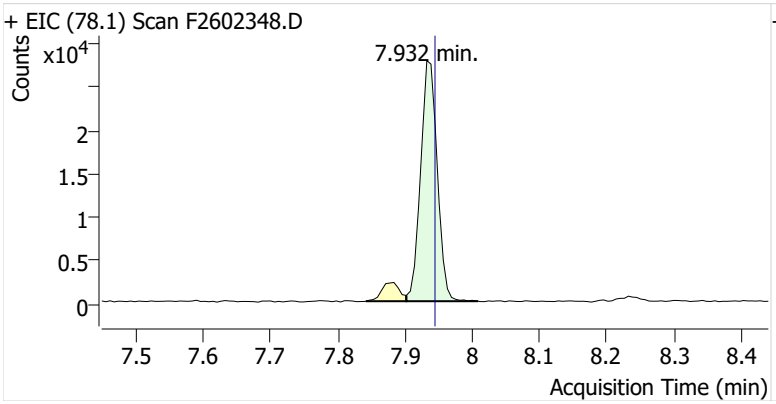
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	521,949	
Benzene	benzene-d6 (IS)	7.932	7.945	47,906	
Toluene-d8 (IS)		10.563	10.569	548,467	
Toluene	Toluene-d8 (IS)	10.655	10.667	48,995	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	5,979	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	7,017	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	2,856	

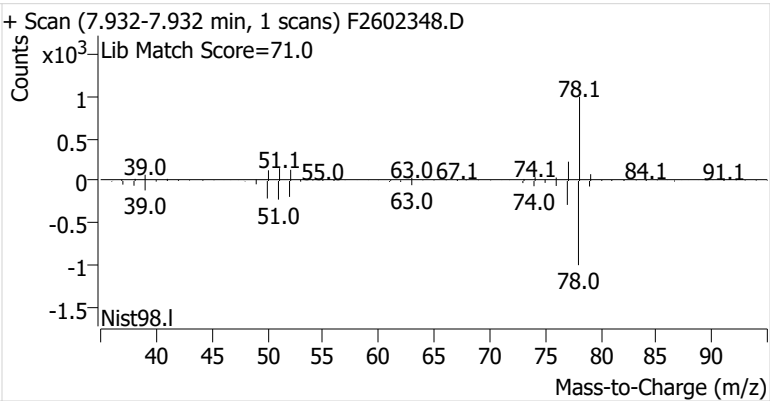
benzene-d6 (IS)



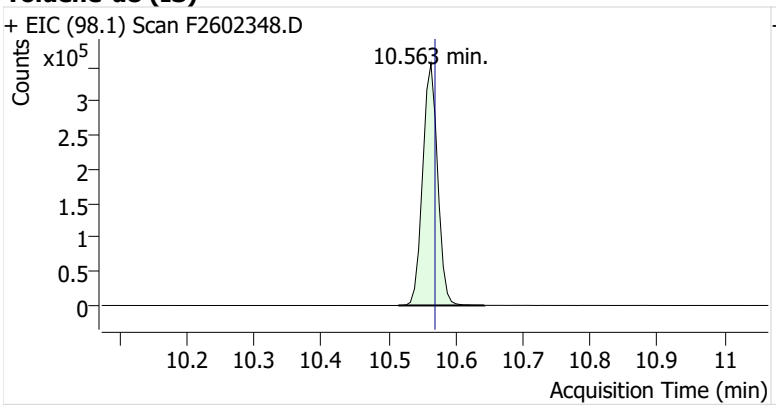


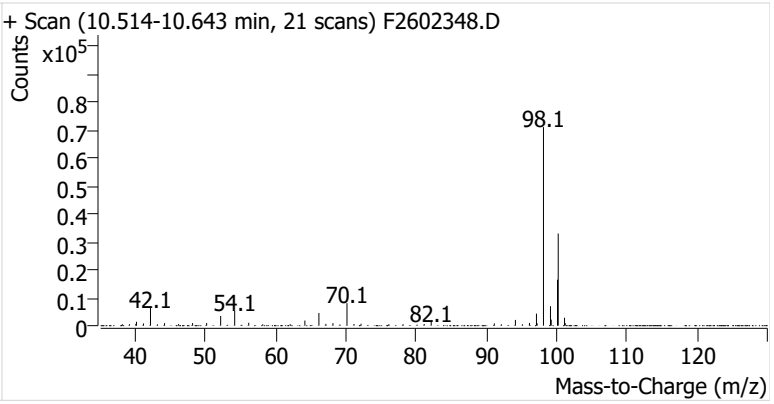
Benzene



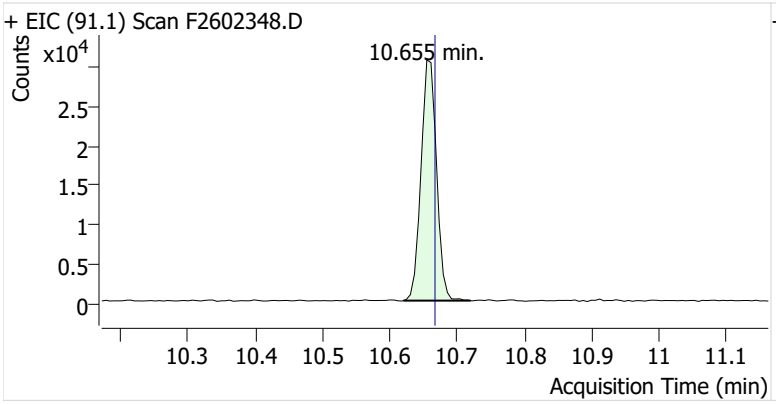


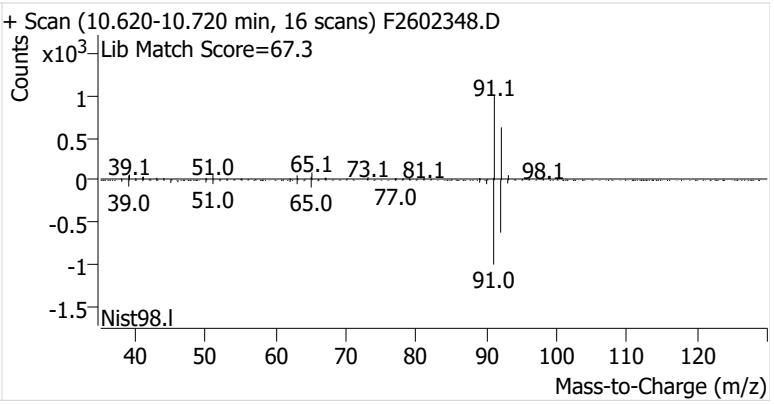
Toluene-d8 (IS)



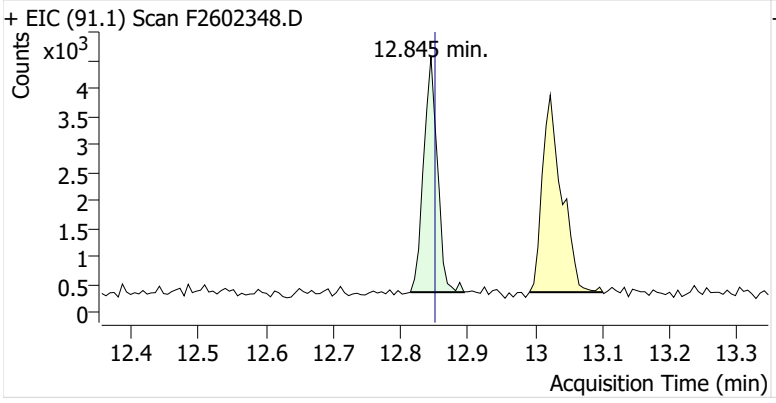


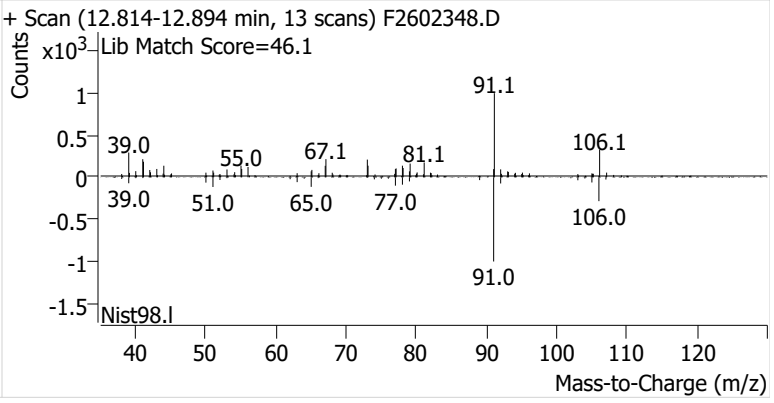
Toluene



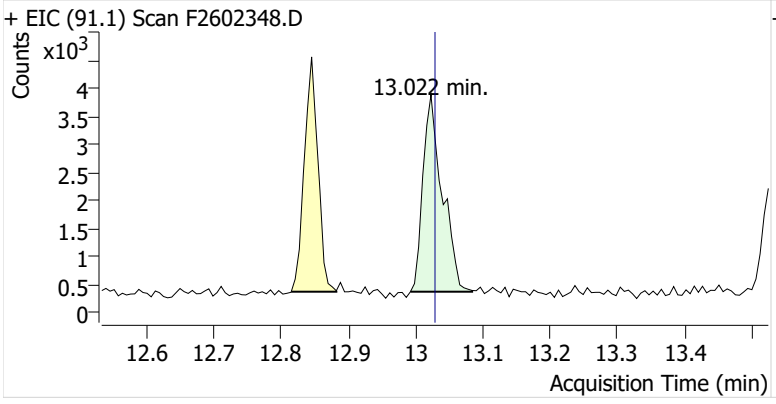


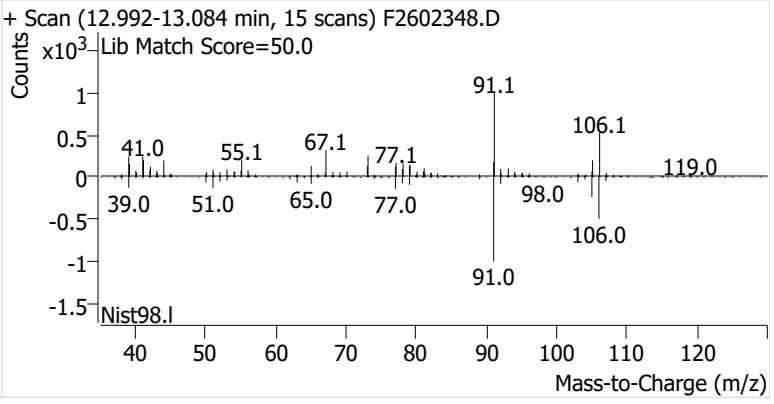
Ethylbenzene



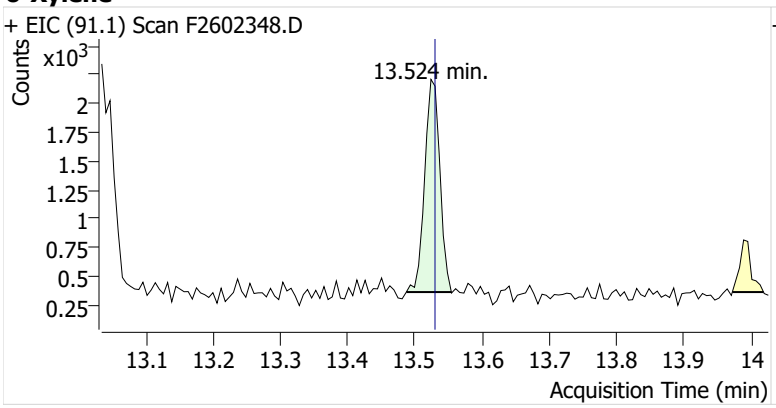


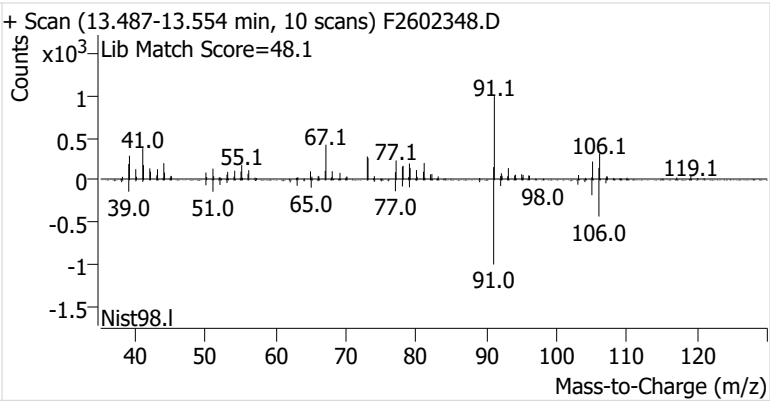
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan F2602348.D
Counts
x10^3
2
1.75
1.5
1.25
1
0.75
0.5
0.25
13.524 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.487-13.554 min, 10 scans) F2602348.D
Lib Match Score=48.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.0
55.1
67.1
77.1
106.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	1	F2508171.D	5.96	52606	56.3	529201	0.939	0.039
F121725A_CC185154	Benzene	2	F2508172.D	11.93	90306	56.3	525740	0.811	-0.1
F121725A_CC185154	Benzene	3	F2508173.D	23.85	205594	56.3	535697	0.906	0.0032
F121725A_CC185154	Benzene	4	F2508174.D	47.70	403557	56.3	539152	0.884	-0.022
F121725A_CC185154	Benzene	5	F2508175.D	119.26	1061108	56.3	547207	0.916	0.014
F121725A_CC185154	Benzene	6	F2508176.D	238.51	2220768	56.3	544872	0.963	0.065
F121725A_CC185154	Benzene	7	F2508177.D	715.53	6456657	56.3	561348	0.906	0.0022
						Avg:	540460	0.904	
						%RSD:	2.2%	5.3%	
F121725A_CC185154	Toluene	1	F2508171.D	5.24	53241	66.1	606147	1.108	0.016
F121725A_CC185154	Toluene	2	F2508172.D	10.47	110436	66.1	616680	1.130	0.035
F121725A_CC185154	Toluene	3	F2508173.D	20.95	215705	66.1	622459	1.093	0.0017
F121725A_CC185154	Toluene	4	F2508174.D	41.90	427518	66.1	627442	1.074	-0.015
F121725A_CC185154	Toluene	5	F2508175.D	104.74	1078346	66.1	633720	1.073	-0.016
F121725A_CC185154	Toluene	6	F2508176.D	209.48	2208644	66.1	634907	1.097	0.0055
F121725A_CC185154	Toluene	7	F2508177.D	628.45	6371104	66.1	630656	1.062	-0.027
						Avg:	624573	1.091	
						%RSD:	1.7%	2.1%	
F121725A_CC185154	Ethylbenzene	1	F2508171.D	5.44	52701	66.1	606147	1.055	-0.083
F121725A_CC185154	Ethylbenzene	2	F2508172.D	10.89	103364	66.1	616680	1.017	-0.12
F121725A_CC185154	Ethylbenzene	3	F2508173.D	21.77	249010	66.1	622459	1.214	0.055
F121725A_CC185154	Ethylbenzene	4	F2508174.D	43.54	510214	66.1	627442	1.234	0.073
F121725A_CC185154	Ethylbenzene	5	F2508175.D	108.86	1213007	66.1	633720	1.162	0.0099
F121725A_CC185154	Ethylbenzene	6	F2508176.D	217.72	2518155	66.1	634907	1.204	0.046
F121725A_CC185154	Ethylbenzene	7	F2508177.D	653.16	7272682	66.1	630656	1.166	0.014
						Avg:	624573	1.150	
						%RSD:	1.7%	7.2%	
F121725A_CC185154	m-/p-Xylenes	1	F2508171.D	6.10	45227	66.1	606147	0.808	-0.14
F121725A_CC185154	m-/p-Xylenes	2	F2508172.D	12.20	93766	66.1	616680	0.823	-0.12
F121725A_CC185154	m-/p-Xylenes	3	F2508173.D	24.40	229774	66.1	622459	0.999	0.064
F121725A_CC185154	m-/p-Xylenes	4	F2508174.D	48.80	467094	66.1	627442	1.008	0.072
F121725A_CC185154	m-/p-Xylenes	5	F2508175.D	122.00	1082720	66.1	633720	0.925	-0.015
F121725A_CC185154	m-/p-Xylenes	6	F2508176.D	244.00	2328036	66.1	634907	0.993	0.056
F121725A_CC185154	m-/p-Xylenes	7	F2508177.D	732.01	7137741	66.1	630656	1.021	0.087
						Avg:	624573	0.940	
						%RSD:	1.7%	9.6%	
F121725A_CC185154	o-Xylene	1	F2508171.D	5.67	42268	66.1	606147	0.812	-0.14
F121725A_CC185154	o-Xylene	2	F2508172.D	11.35	85951	66.1	616680	0.812	-0.14
F121725A_CC185154	o-Xylene	3	F2508173.D	22.69	217910	66.1	622459	1.019	0.08

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG201-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	o-Xylene	4	F2508174.D	45.38	446025	66.1	627442	1.035	0.097
F121725A_CC185154	o-Xylene	5	F2508175.D	113.46	1032192	66.1	633720	0.948	0.0051
F121725A_CC185154	o-Xylene	6	F2508176.D	226.92	2179717	66.1	634907	1.000	0.059
F121725A_CC185154	o-Xylene	7	F2508177.D	680.75	6366952	66.1	630656	0.980	0.038
						Avg:	624573	0.944	
						%RSD:	1.7%	10.0%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	ICV	F2508178.D	443.46	3919944	56.3	563465	0.884	-2.2%
F121725A_CC185154	Toluene	ICV	F2508178.D	454.10	4554523	66.1	629158	1.053	-3.5%
F121725A_CC185154	Ethylbenzene	ICV	F2508178.D	448.99	4890504	66.1	629158	1.144	-0.6%
F121725A_CC185154	m-/p-Xylenes	ICV	F2508178.D	455.97	3870637	66.1	629158	0.891	-5.1%
F121725A_CC185154	o-Xylene	ICV	F2508178.D	456.85	3921714	66.1	629158	0.901	-4.5%

M325B PDF Report ver.20260203

Sample Custody

ENTHALPY ANALYTICAL

2026GG201

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 1

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Irving Searsport Terminal	**Client Name:**	Montrose Air Quality Services, LLC	**PO#:**	
Site Address:	52 Station Ave.	**Project Number:**	PROJ-050105	**Sample Event #**	2026GG201
City:	Searsport	**Project Manager:**	Sabarish Selvarajan	**Sorbent:**	Carbopak-X
State	Maine	**Email Address:**	sabarishselvarajan@montrose-env.com		
Zip:	04401	**Telephone #:**	973-722-7895		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C65343	S	3/18/26	11:02 AM	4/1/26	10:16 AM	KV/KV		
2	B50714	S	3/18/26	10:21 AM	4/1/26	10:20 AM	KV/KV		
2	C67263	D	3/18/26	10:21 AM	4/1/26	10:20 AM	KV/KV		
2	C43382	B	3/18/26	10:21 AM	4/1/26	10:20 AM	KV/KV		
3	C69437	S	3/18/26	10:24 AM	4/1/26	10:23 AM	KV/KV		
4	C69802	S	3/18/26	10:28 AM	4/1/26	10:26 AM	KV/KV		
5	C39137	S	3/18/26	10:31 AM	4/1/26	10:29 AM	KV/KV		
6	C32935	S	3/18/26	10:37 AM	4/1/26	10:32 AM	KV/KV		
7	C33457	S	3/18/26	10:38 AM	4/1/26	10:35 AM	KV/KV		
8	B49409	S	3/18/26	10:40 AM	4/1/26	10:37 AM	KV/KV		
8	C37434	D	3/18/26	10:40 AM	4/1/26	10:37 AM	KV/KV		
8	C68635	B	3/18/26	10:40 AM	4/1/26	10:37 AM	KV/KV		
9	C60241	S	3/18/26	10:43 AM	4/1/26	10:39 AM	KV/KV		
10	C57769	S	3/18/26	10:46 AM	4/1/26	10:41 AM	KV/KV		
11	B31114	S	3/18/26	10:49 AM	4/1/26	10:43 AM	KV/KV		
12	B50693	S	3/18/26	11:16 AM	4/1/26	10:05 AM	KV/KV		
13	C56877	S	3/18/26	11:10 AM	4/1/26	10:10 AM	KV/KV		
14	B46211	S	3/18/26	11:07 AM	4/1/26	10:11 AM	KV/KV		
15	C67452	S	3/18/26	11:32 AM	4/1/26	11:13 AM	KV/KV		
16	C01507	S	3/18/26	11:35 AM	4/1/26	11:16 AM	KV/KV		
17	C40176	S	3/18/26	11:38 AM	4/1/26	11:19 AM	KV/KV		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Kosta Voukidis	KV	4/1/2026	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Ev Manger		4/2/26	10:40 AM

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
good			BTEX	Y	
Ice Temp:	Blank Temp: 19.9	Fluke 3		Add Custody Seal # below: 25E08607	

Comments:

Replaced screen for sample location 15

This Is The Last Page Of This Report.

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 41 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 4/16/2026

Analytical Report
2026GG202

EPA Method 325B Analysis

Report Issue Date: 4/27/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matt Cavanaugh
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Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2026GG202-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on April 16, 2026 at 21.6 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260401	C37461	Sample
IRVSEA-2-S-20260401	C16090	Sample
IRVSEA-2-D-20260401	C60244	Duplicate
IRVSEA-2-B-20260401	C00824	Blank
IRVSEA-3-S-20260401	C24172	Sample
IRVSEA-4-S-20260401	C69465	Sample
IRVSEA-5-S-20260401	C24210	Sample
IRVSEA-6-S-20260401	B50713	Sample
IRVSEA-7-S-20260401	C57122	Sample
IRVSEA-8-S-20260401	C39274	Sample
IRVSEA-8-D-20260401	B45091	Duplicate
IRVSEA-8-B-20260401	B49544	Blank
IRVSEA-9-S-20260401	C57416	Sample
IRVSEA-10-S-20260401	C70792	Sample
IRVSEA-11-S-20260401	C71559	Sample
IRVSEA-12-S-20260401	C67316	Sample
IRVSEA-13-S-20260401	C57728	Sample
IRVSEA-14-S-20260401	C69688	Sample
IRVSEA-15-S-20260401	C71747	Sample
IRVSEA-16-S-20260401	C67357	Sample
IRVSEA-17-S-20260401	C32703	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2026GG202-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (F121725A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260401	C37461	0.453	J	0.758		0.279	ND	0.292	J	0.279	ND
IRVSEA-2-S-20260401	C16090	0.478		0.687		0.278	ND	0.278	ND	0.278	ND
IRVSEA-2-D-20260401	C60244	0.406	J	0.691		0.278	ND	0.368	J	0.278	ND
IRVSEA-2-B-20260401	C00824	0.191	ND	0.246	ND	0.278	ND	0.278	ND	0.278	ND
IRVSEA-3-S-20260401	C24172	0.525		1.10		0.310	J	0.781		0.278	ND
IRVSEA-4-S-20260401	C69465	0.521		1.17		0.286	J	0.905		0.278	ND
IRVSEA-5-S-20260401	C24210	0.519		1.08		0.278	ND	0.410	J	0.278	ND
IRVSEA-6-S-20260401	B50713	0.528		1.09		0.278	ND	0.378	J	0.278	ND
IRVSEA-7-S-20260401	C57122	0.806		2.79		0.431	J	1.55		0.627	J
IRVSEA-8-S-20260401	C39274	1.02		3.89		0.624		2.03		0.800	
IRVSEA-8-D-20260401	B45091	1.05		4.00		0.675		2.07		0.826	
IRVSEA-8-B-20260401	B49544	0.191	ND	0.246	ND	0.278	ND	0.278	ND	0.278	ND
IRVSEA-9-S-20260401	C57416	0.712		2.39		0.442	J	1.62		0.646	
IRVSEA-10-S-20260401	C70792	0.921		3.01		0.424	J	1.69		0.652	
IRVSEA-11-S-20260401	C71559	1.01		3.57		0.542	J	1.99		0.798	
IRVSEA-12-S-20260401	C67316	0.917		3.21		0.551	J	1.98		0.792	
IRVSEA-13-S-20260401	C57728	0.554		1.65		0.283	J	0.958		0.391	J
IRVSEA-14-S-20260401	C69688	0.472		1.08		0.278	ND	0.542	J	0.278	ND
IRVSEA-15-S-20260401	C71747	0.401	J	0.436	J	0.278	ND	0.278	ND	0.278	ND
IRVSEA-16-S-20260401	C67357	0.331	J	0.339	J	0.278	ND	0.278	ND	0.278	ND
IRVSEA-17-S-20260401	C32703	0.334	J	0.420	J	0.278	ND	0.278	ND	0.278	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260401	C37461	0.453	0.142	5.92	40.9	0.647	20204	0.191	0.456	0.0599	0.143	J	F2602608.D	2026-04-16 14:49	0.924	7.932	43772	450667	56.3	7.877	1.0%
IRVSEA-2-S-20260401	C16090	0.478	0.150	6.27	40.9	0.647	20265	0.191	0.455	0.0597	0.142		F2602609.D	2026-04-16 15:14	0.924	7.938	44801	435266	56.3	7.877	-2.5%
IRVSEA-2-D-20260401	C60244	0.406	0.127	5.33	40.9	0.647	20265	0.191	0.455	0.0597	0.142	J	F2602610.D	2026-04-16 15:40	0.924	7.932	38358	438933	56.3	7.877	-1.6%
IRVSEA-2-B-20260401	C00824	0.191	0.0597		40.9	0.647	20265	0.191	0.455	0.0597	0.142	ND	F2602607.D	2026-04-16 14:24	0.924	7.932	6191	444074	56.3	7.877	-0.5%
IRVSEA-3-S-20260401	C24172	0.525	0.164	6.88	40.9	0.647	20257	0.191	0.455	0.0597	0.142		F2602611.D	2026-04-16 16:05	0.924	7.932	50045	443670	56.3	7.877	-0.6%
IRVSEA-4-S-20260401	C69465	0.521	0.163	6.82	40.9	0.647	20249	0.191	0.455	0.0598	0.143		F2602612.D	2026-04-16 16:31	0.924	7.938	49909	445809	56.3	7.877	-0.1%
IRVSEA-5-S-20260401	C24210	0.519	0.163	6.80	40.9	0.647	20241	0.191	0.455	0.0598	0.143		F2602613.D	2026-04-16 16:56	0.924	7.932	49006	439528	56.3	7.877	-1.5%
IRVSEA-6-S-20260401	B50713	0.528	0.165	6.92	40.9	0.647	20233	0.191	0.455	0.0598	0.143		F2602614.D	2026-04-16 17:22	0.924	7.932	51047	449913	56.3	7.877	0.8%
IRVSEA-7-S-20260401	C57122	0.806	0.252	10.5	40.9	0.647	20225	0.191	0.456	0.0598	0.143		F2602615.D	2026-04-16 17:47	0.924	7.932	76906	444362	56.3	7.877	-0.4%
IRVSEA-8-S-20260401	C39274	1.02	0.321	13.4	40.9	0.647	20213	0.191	0.456	0.0599	0.143		F2602616.D	2026-04-16 18:13	0.924	7.939	97638	444186	56.3	7.877	-0.5%
IRVSEA-8-D-20260401	B45091	1.05	0.330	13.8	40.9	0.647	20213	0.191	0.456	0.0599	0.143		F2602617.D	2026-04-16 18:38	0.924	7.938	100751	445077	56.3	7.877	-0.3%
IRVSEA-8-B-20260401	B49544	0.191	0.0599		40.9	0.647	20213	0.191	0.456	0.0599	0.143	ND	F2602618.D	2026-04-16 19:04	0.924	7.932	2413	450261	56.3	7.877	0.9%
IRVSEA-9-S-20260401	C57416	0.712	0.223	9.31	40.9	0.647	20211	0.191	0.456	0.0599	0.143		F2602620.D	2026-04-16 19:53	0.924	7.938	69324	453924	56.3	7.877	1.7%
IRVSEA-10-S-20260401	C70792	0.921	0.288	12.0	40.9	0.647	20207	0.191	0.456	0.0599	0.143		F2602621.D	2026-04-16 20:19	0.924	7.932	90494	458095	56.3	7.877	2.6%
IRVSEA-11-S-20260401	C71559	1.01	0.315	13.2	40.9	0.647	20202	0.191	0.456	0.0599	0.143		F2602622.D	2026-04-16 20:44	0.924	7.938	100621	466226	56.3	7.877	4.5%
IRVSEA-12-S-20260401	C67316	0.917	0.287	12.0	40.9	0.647	20230	0.191	0.456	0.0598	0.143		F2602623.D	2026-04-16 21:10	0.924	7.938	93236	473409	56.3	7.877	6.1%
IRVSEA-13-S-20260401	C57728	0.554	0.174	7.25	40.9	0.647	20220	0.191	0.456	0.0598	0.143		F2602624.D	2026-04-16 21:36	0.924	7.938	55435	466008	56.3	7.877	4.4%
IRVSEA-14-S-20260401	C69688	0.472	0.148	6.17	40.9	0.647	20214	0.191	0.456	0.0599	0.143		F2602625.D	2026-04-16 22:01	0.924	7.932	47026	464709	56.3	7.877	4.1%
IRVSEA-15-S-20260401	C71747	0.401	0.125	5.24	40.9	0.647	20226	0.191	0.456	0.0598	0.143	J	F2602626.D	2026-04-16 22:26	0.924	7.932	39746	462135	56.3	7.877	3.6%
IRVSEA-16-S-20260401	C67357	0.331	0.104	4.33	40.9	0.647	20227	0.191	0.456	0.0598	0.143	J	F2602627.D	2026-04-16 22:52	0.924	7.932	33059	465187	56.3	7.877	4.2%
IRVSEA-17-S-20260401	C32703	0.334	0.105	4.37	40.9	0.647	20228	0.191	0.456	0.0598	0.143	J	F2602628.D	2026-04-16 23:17	0.924	7.938	33476	466432	56.3	7.877	4.5%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260401	C37461	0.758	0.201	7.69	40.9	0.502	20204	0.246	0.516	0.0654	0.137		F2602608.D	2026-04-16 14:49	1.156	10.661	63030	468580	66.1	10.563	0.3%
IRVSEA-2-S-20260401	C16090	0.687	0.182	6.99	40.9	0.502	20265	0.246	0.515	0.0652	0.137		F2602609.D	2026-04-16 15:14	1.156	10.661	54926	448747	66.1	10.563	-3.9%
IRVSEA-2-D-20260401	C60244	0.691	0.183	7.03	40.9	0.502	20265	0.246	0.515	0.0652	0.137		F2602610.D	2026-04-16 15:40	1.156	10.661	55865	454231	66.1	10.563	-2.7%
IRVSEA-2-B-20260401	C00824	0.246	0.0652		40.9	0.502	20265	0.246	0.515	0.0652	0.137	ND	F2602607.D	2026-04-16 14:24	1.156	10.661	14422	464743	66.1	10.563	-0.5%
IRVSEA-3-S-20260401	C24172	1.10	0.292	11.2	40.9	0.502	20257	0.246	0.515	0.0653	0.137		F2602611.D	2026-04-16 16:05	1.156	10.655	90511	461931	66.1	10.563	-1.1%
IRVSEA-4-S-20260401	C69465	1.17	0.310	11.9	40.9	0.502	20249	0.246	0.515	0.0653	0.137		F2602612.D	2026-04-16 16:31	1.156	10.661	96460	464531	66.1	10.563	-0.5%
IRVSEA-5-S-20260401	C24210	1.08	0.287	11.0	40.9	0.502	20241	0.246	0.515	0.0653	0.137		F2602613.D	2026-04-16 16:56	1.156	10.661	87816	457164	66.1	10.563	-2.1%
IRVSEA-6-S-20260401	B50713	1.09	0.289	11.1	40.9	0.502	20233	0.246	0.515	0.0653	0.137		F2602614.D	2026-04-16 17:22	1.156	10.661	90625	467790	66.1	10.563	0.2%
IRVSEA-7-S-20260401	C57122	2.79	0.741	28.4	40.9	0.502	20225	0.246	0.516	0.0654	0.137		F2602615.D	2026-04-16 17:47	1.156	10.661	231647	466907	66.1	10.563	0.0%
IRVSEA-8-S-20260401	C39274	3.89	1.03	39.5	40.9	0.502	20213	0.246	0.516	0.0654	0.137		F2602616.D	2026-04-16 18:13	1.156	10.661	320933	464770	66.1	10.563	-0.5%
IRVSEA-8-D-20260401	B45091	4.00	1.06	40.6	40.9	0.502	20213	0.246	0.516	0.0654	0.137		F2602617.D	2026-04-16 18:38	1.156	10.661	331677	466785	66.1	10.563	0.0%
IRVSEA-8-B-20260401	B49544	0.246	0.0654		40.9	0.502	20213	0.246	0.516	0.0654	0.137	ND	F2602618.D	2026-04-16 19:04	1.156	10.661	16530	471251	66.1	10.569	0.9%
IRVSEA-9-S-20260401	C57416	2.39	0.636	24.3	40.9	0.502	20211	0.246	0.516	0.0654	0.137		F2602620.D	2026-04-16 19:53	1.156	10.655	202173	475334	66.1	10.563	1.8%
IRVSEA-10-S-20260401	C70792	3.01	0.798	30.5	40.9	0.502	20207	0.246	0.516	0.0654	0.137		F2602621.D	2026-04-16 20:19	1.156	10.655	254977	477489	66.1	10.563	2.2%
IRVSEA-11-S-20260401	C71559	3.57	0.947	36.2	40.9	0.502	20202	0.246	0.516	0.0654	0.137		F2602622.D	2026-04-16 20:44	1.156	10.655	308109	486369	66.1	10.563	4.1%
IRVSEA-12-S-20260401	C67316	3.21	0.852	32.6	40.9	0.502	20230	0.246	0.515	0.0653	0.137		F2602623.D	2026-04-16 21:10	1.156	10.661	281860	493862	66.1	10.563	5.8%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260401	C57728	1.65	0.438	16.8	40.9	0.502	20220	0.246	0.516	0.0654	0.137		F2602624.D	2026-04-16 21:36	1.156	10.655	142196	484937	66.1	10.563	3.8%
IRVSEA-14-S-20260401	C69688	1.08	0.286	10.9	40.9	0.502	20214	0.246	0.516	0.0654	0.137		F2602625.D	2026-04-16 22:01	1.156	10.655	92153	482079	66.1	10.563	3.2%
IRVSEA-15-S-20260401	C71747	0.436	0.116	4.43	40.9	0.502	20226	0.246	0.516	0.0653	0.137	J	F2602626.D	2026-04-16 22:26	1.156	10.655	37489	483699	66.1	10.563	3.6%
IRVSEA-16-S-20260401	C67357	0.339	0.0901	3.45	40.9	0.502	20227	0.246	0.516	0.0653	0.137	J	F2602627.D	2026-04-16 22:52	1.156	10.655	28831	478075	66.1	10.563	2.4%
IRVSEA-17-S-20260401	C32703	0.420	0.112	4.27	40.9	0.502	20228	0.246	0.516	0.0653	0.137	J	F2602628.D	2026-04-16 23:17	1.156	10.661	36061	482423	66.1	10.569	3.3%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260401	C37461	0.279	0.0642		40.9	0.444	20204	0.279	0.606	0.0642	0.140	ND	F2602608.D	2026-04-16 14:49	1.276	12.845	10830	468580	66.1	10.563	0.3%
IRVSEA-2-S-20260401	C16090	0.278	0.0640		40.9	0.444	20265	0.278	0.605	0.0640	0.139	ND	F2602609.D	2026-04-16 15:14	1.276	12.845	7756	448747	66.1	10.563	-3.9%
IRVSEA-2-D-20260401	C60244	0.278	0.0640		40.9	0.444	20265	0.278	0.605	0.0640	0.139	ND	F2602610.D	2026-04-16 15:40	1.276	12.845	9134	454231	66.1	10.563	-2.7%
IRVSEA-2-B-20260401	C00824	0.278	0.0640		40.9	0.444	20265	0.278	0.605	0.0640	0.139	ND	F2602607.D	2026-04-16 14:24	1.276	12.851	888	464743	66.1	10.563	-0.5%
IRVSEA-3-S-20260401	C24172	0.310	0.0715	2.79	40.9	0.444	20257	0.278	0.605	0.0640	0.139	J	F2602611.D	2026-04-16 16:05	1.276	12.845	24911	461931	66.1	10.563	-1.1%
IRVSEA-4-S-20260401	C69465	0.286	0.0658	2.57	40.9	0.444	20249	0.278	0.605	0.0640	0.139	J	F2602612.D	2026-04-16 16:31	1.276	12.845	23059	464531	66.1	10.563	-0.5%
IRVSEA-5-S-20260401	C24210	0.278	0.0641		40.9	0.444	20241	0.278	0.605	0.0641	0.139	ND	F2602613.D	2026-04-16 16:56	1.276	12.845	12376	457164	66.1	10.563	-2.1%
IRVSEA-6-S-20260401	B50713	0.278	0.0641		40.9	0.444	20233	0.278	0.606	0.0641	0.140	ND	F2602614.D	2026-04-16 17:22	1.276	12.845	11743	467790	66.1	10.563	0.2%
IRVSEA-7-S-20260401	C57122	0.431	0.0994	3.88	40.9	0.444	20225	0.278	0.606	0.0641	0.140	J	F2602615.D	2026-04-16 17:47	1.276	12.845	34964	466907	66.1	10.563	0.0%
IRVSEA-8-S-20260401	C39274	0.624	0.144	5.61	40.9	0.444	20213	0.278	0.606	0.0642	0.140		F2602616.D	2026-04-16 18:13	1.276	12.845	50352	464770	66.1	10.563	-0.5%
IRVSEA-8-D-20260401	B45091	0.675	0.156	6.06	40.9	0.444	20213	0.278	0.606	0.0642	0.140		F2602617.D	2026-04-16 18:38	1.276	12.845	54679	466785	66.1	10.563	0.0%
IRVSEA-8-B-20260401	B49544	0.278	0.0642		40.9	0.444	20213	0.278	0.606	0.0642	0.140	ND	F2602618.D	2026-04-16 19:04	1.276	12.845	687	471251	66.1	10.569	0.9%
IRVSEA-9-S-20260401	C57416	0.442	0.102	3.97	40.9	0.444	20211	0.278	0.606	0.0642	0.140	J	F2602620.D	2026-04-16 19:53	1.276	12.845	36434	475334	66.1	10.563	1.8%
IRVSEA-10-S-20260401	C70792	0.424	0.0977	3.80	40.9	0.444	20207	0.278	0.606	0.0642	0.140	J	F2602621.D	2026-04-16 20:19	1.276	12.845	35098	477489	66.1	10.563	2.2%
IRVSEA-11-S-20260401	C71559	0.542	0.125	4.86	40.9	0.444	20202	0.279	0.606	0.0642	0.140	J	F2602622.D	2026-04-16 20:44	1.276	12.845	45706	486369	66.1	10.563	4.1%
IRVSEA-12-S-20260401	C67316	0.551	0.127	4.96	40.9	0.444	20230	0.278	0.606	0.0641	0.140	J	F2602623.D	2026-04-16 21:10	1.276	12.839	47281	493862	66.1	10.563	5.8%
IRVSEA-13-S-20260401	C57728	0.283	0.0652	2.54	40.9	0.444	20220	0.278	0.606	0.0641	0.140	J	F2602624.D	2026-04-16 21:36	1.276	12.845	23813	484937	66.1	10.563	3.8%
IRVSEA-14-S-20260401	C69688	0.278	0.0642		40.9	0.444	20214	0.278	0.606	0.0642	0.140	ND	F2602625.D	2026-04-16 22:01	1.276	12.845	13760	482079	66.1	10.563	3.2%
IRVSEA-15-S-20260401	C71747	0.278	0.0641		40.9	0.444	20226	0.278	0.606	0.0641	0.140	ND	F2602626.D	2026-04-16 22:26	1.276	12.845	3865	483699	66.1	10.563	3.6%
IRVSEA-16-S-20260401	C67357	0.278	0.0641		40.9	0.444	20227	0.278	0.606	0.0641	0.140	ND	F2602627.D	2026-04-16 22:52	1.276	12.845	2121	478075	66.1	10.563	2.4%
IRVSEA-17-S-20260401	C32703	0.278	0.0641		40.9	0.444	20228	0.278	0.606	0.0641	0.140	ND	F2602628.D	2026-04-16 23:17	1.276	12.845	3925	482423	66.1	10.569	3.3%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260401	C37461	0.292	0.0674	2.62	40.9	0.444	20204	0.279	0.680	0.0642	0.157	J	F2602608.D	2026-04-16 14:49	1.023	13.022	19041	468580	66.1	10.563	0.3%
IRVSEA-2-S-20260401	C16090	0.278	0.0640		40.9	0.444	20265	0.278	0.678	0.0640	0.156	ND	F2602609.D	2026-04-16 15:14	1.023	13.022	14061	448747	66.1	10.563	-3.9%
IRVSEA-2-D-20260401	C60244	0.368	0.0849	3.32	40.9	0.444	20265	0.278	0.678	0.0640	0.156	J	F2602610.D	2026-04-16 15:40	1.023	13.022	23334	454231	66.1	10.563	-2.7%
IRVSEA-2-B-20260401	C00824	0.278	0.0640		40.9	0.444	20265	0.278	0.678	0.0640	0.156	ND	F2602607.D	2026-04-16 14:24	1.023	13.022	894	464743	66.1	10.563	-0.5%
IRVSEA-3-S-20260401	C24172	0.781	0.180	7.03	40.9	0.444	20257	0.278	0.678	0.0640	0.156		F2602611.D	2026-04-16 16:05	1.023	13.022	50291	461931	66.1	10.563	-1.1%
IRVSEA-4-S-20260401	C69465	0.905	0.209	8.14	40.9	0.444	20249	0.278	0.678	0.0640	0.156		F2602612.D	2026-04-16 16:31	1.023	13.022	58593	464531	66.1	10.563	-0.5%
IRVSEA-5-S-20260401	C24210	0.410	0.0946	3.69	40.9	0.444	20241	0.278	0.678	0.0641	0.156	J	F2602613.D	2026-04-16 16:56	1.023	13.022	26126	457164	66.1	10.563	-2.1%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260401	B50713	0.378	0.0871	3.40	40.9	0.444	20233	0.278	0.679	0.0641	0.156	J	F2602614.D	2026-04-16 17:22	1.023	13.022	24618	467790	66.1	10.563	0.2%
IRVSEA-7-S-20260401	C57122	1.55	0.357	13.9	40.9	0.444	20225	0.278	0.679	0.0641	0.156		F2602615.D	2026-04-16 17:47	1.023	13.022	100636	466907	66.1	10.563	0.0%
IRVSEA-8-S-20260401	C39274	2.03	0.468	18.3	40.9	0.444	20213	0.278	0.679	0.0642	0.157		F2602616.D	2026-04-16 18:13	1.023	13.022	131369	464770	66.1	10.563	-0.5%
IRVSEA-8-D-20260401	B45091	2.07	0.477	18.6	40.9	0.444	20213	0.278	0.679	0.0642	0.157		F2602617.D	2026-04-16 18:38	1.023	13.022	134360	466785	66.1	10.563	0.0%
IRVSEA-8-B-20260401	B49544	0.278	0.0642		40.9	0.444	20213	0.278	0.679	0.0642	0.157	ND	F2602618.D	2026-04-16 19:04	1.023	13.016	812	471251	66.1	10.569	0.9%
IRVSEA-9-S-20260401	C57416	1.62	0.374	14.6	40.9	0.444	20211	0.278	0.679	0.0642	0.157		F2602620.D	2026-04-16 19:53	1.023	13.022	107335	475334	66.1	10.563	1.8%
IRVSEA-10-S-20260401	C70792	1.69	0.389	15.1	40.9	0.444	20207	0.278	0.680	0.0642	0.157		F2602621.D	2026-04-16 20:19	1.023	13.022	111924	477489	66.1	10.563	2.2%
IRVSEA-11-S-20260401	C71559	1.99	0.459	17.9	40.9	0.444	20202	0.279	0.680	0.0642	0.157		F2602622.D	2026-04-16 20:44	1.023	13.022	134725	486369	66.1	10.563	4.1%
IRVSEA-12-S-20260401	C67316	1.98	0.456	17.8	40.9	0.444	20230	0.278	0.679	0.0641	0.156		F2602623.D	2026-04-16 21:10	1.023	13.016	136117	493862	66.1	10.563	5.8%
IRVSEA-13-S-20260401	C57728	0.958	0.221	8.61	40.9	0.444	20220	0.278	0.679	0.0641	0.156		F2602624.D	2026-04-16 21:36	1.023	13.022	64635	484937	66.1	10.563	3.8%
IRVSEA-14-S-20260401	C69688	0.542	0.125	4.87	40.9	0.444	20214	0.278	0.679	0.0642	0.157	J	F2602625.D	2026-04-16 22:01	1.023	13.022	36338	482079	66.1	10.563	3.2%
IRVSEA-15-S-20260401	C71747	0.278	0.0641		40.9	0.444	20226	0.278	0.679	0.0641	0.156	ND	F2602626.D	2026-04-16 22:26	1.023	13.022	5628	483699	66.1	10.563	3.6%
IRVSEA-16-S-20260401	C67357	0.278	0.0641		40.9	0.444	20227	0.278	0.679	0.0641	0.156	ND	F2602627.D	2026-04-16 22:52	1.023	13.016	5890	478075	66.1	10.563	2.4%
IRVSEA-17-S-20260401	C32703	0.278	0.0641		40.9	0.444	20228	0.278	0.679	0.0641	0.156	ND	F2602628.D	2026-04-16 23:17	1.023	13.022	5735	482423	66.1	10.569	3.3%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260401	C37461	0.279	0.0642		40.9	0.444	20204	0.279	0.632	0.0642	0.146	ND	F2602608.D	2026-04-16 14:49	1.030	13.530	7235	468580	66.1	10.563	0.3%
IRVSEA-2-S-20260401	C16090	0.278	0.0640		40.9	0.444	20265	0.278	0.630	0.0640	0.145	ND	F2602609.D	2026-04-16 15:14	1.030	13.524	4832	448747	66.1	10.563	-3.9%
IRVSEA-2-D-20260401	C60244	0.278	0.0640		40.9	0.444	20265	0.278	0.630	0.0640	0.145	ND	F2602610.D	2026-04-16 15:40	1.030	13.524	7973	454231	66.1	10.563	-2.7%
IRVSEA-2-B-20260401	C00824	0.278	0.0640		40.9	0.444	20265	0.278	0.630	0.0640	0.145	ND	F2602607.D	2026-04-16 14:24	1.030	13.530	530	464743	66.1	10.563	-0.5%
IRVSEA-3-S-20260401	C24172	0.278	0.0640		40.9	0.444	20257	0.278	0.630	0.0640	0.145	ND	F2602611.D	2026-04-16 16:05	1.030	13.524	12846	461931	66.1	10.563	-1.1%
IRVSEA-4-S-20260401	C69465	0.278	0.0640		40.9	0.444	20249	0.278	0.631	0.0640	0.145	ND	F2602612.D	2026-04-16 16:31	1.030	13.524	15992	464531	66.1	10.563	-0.5%
IRVSEA-5-S-20260401	C24210	0.278	0.0641		40.9	0.444	20241	0.278	0.631	0.0641	0.145	ND	F2602613.D	2026-04-16 16:56	1.030	13.524	10482	457164	66.1	10.563	-2.1%
IRVSEA-6-S-20260401	B50713	0.278	0.0641		40.9	0.444	20233	0.278	0.631	0.0641	0.145	ND	F2602614.D	2026-04-16 17:22	1.030	13.530	9609	467790	66.1	10.563	0.2%
IRVSEA-7-S-20260401	C57122	0.627	0.144	5.63	40.9	0.444	20225	0.278	0.631	0.0641	0.145	J	F2602615.D	2026-04-16 17:47	1.030	13.524	40966	466907	66.1	10.563	0.0%
IRVSEA-8-S-20260401	C39274	0.800	0.184	7.19	40.9	0.444	20213	0.278	0.632	0.0642	0.146		F2602616.D	2026-04-16 18:13	1.030	13.524	52053	464770	66.1	10.563	-0.5%
IRVSEA-8-D-20260401	B45091	0.826	0.190	7.41	40.9	0.444	20213	0.278	0.632	0.0642	0.146		F2602617.D	2026-04-16 18:38	1.030	13.524	53930	466785	66.1	10.563	0.0%
IRVSEA-8-B-20260401	B49544	0.278	0.0642		40.9	0.444	20213	0.278	0.632	0.0642	0.146	ND	F2602618.D	2026-04-16 19:04	1.030	13.524	370	471251	66.1	10.569	0.9%
IRVSEA-9-S-20260401	C57416	0.646	0.149	5.80	40.9	0.444	20211	0.278	0.632	0.0642	0.146		F2602620.D	2026-04-16 19:53	1.030	13.524	42954	475334	66.1	10.563	1.8%
IRVSEA-10-S-20260401	C70792	0.652	0.150	5.85	40.9	0.444	20207	0.278	0.632	0.0642	0.146		F2602621.D	2026-04-16 20:19	1.030	13.524	43543	477489	66.1	10.563	2.2%
IRVSEA-11-S-20260401	C71559	0.798	0.184	7.16	40.9	0.444	20202	0.279	0.632	0.0642	0.146		F2602622.D	2026-04-16 20:44	1.030	13.524	54278	486369	66.1	10.563	4.1%
IRVSEA-12-S-20260401	C67316	0.792	0.183	7.12	40.9	0.444	20230	0.278	0.631	0.0641	0.145		F2602623.D	2026-04-16 21:10	1.030	13.524	54793	493862	66.1	10.563	5.8%
IRVSEA-13-S-20260401	C57728	0.391	0.0901	3.51	40.9	0.444	20220	0.278	0.632	0.0641	0.146	J	F2602624.D	2026-04-16 21:36	1.030	13.524	26535	484937	66.1	10.563	3.8%
IRVSEA-14-S-20260401	C69688	0.278	0.0642		40.9	0.444	20214	0.278	0.632	0.0642	0.146	ND	F2602625.D	2026-04-16 22:01	1.030	13.524	14573	482079	66.1	10.563	3.2%
IRVSEA-15-S-20260401	C71747	0.278	0.0641		40.9	0.444	20226	0.278	0.631	0.0641	0.145	ND	F2602626.D	2026-04-16 22:26	1.030	13.530	2377	483699	66.1	10.563	3.6%
IRVSEA-16-S-20260401	C67357	0.278	0.0641		40.9	0.444	20227	0.278	0.631	0.0641	0.145	ND	F2602627.D	2026-04-16 22:52	1.030	13.530	2491	478075	66.1	10.563	2.4%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260401	C32703	0.278	0.0641		40.9	0.444	20228	0.278	0.631	0.0641	0.145	ND	F2602628.D	2026-04-16 23:17	1.030	13.530	2098	482423	66.1	10.569	3.3%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260401	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260401	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260401	16%	Pass	0.48%	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-D-20260401	2.9%	Pass	2.9%	Pass	7.8%	Pass	1.8%	Pass	3.1%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602605.D	C71581	Cal	0.924	0.904	0.924	2.3%	-17%		Pass	
2026GG202 Method Blank 1	F2602606.D	C70579	Blank		0.904	0.924			-0.37%	Pass	ND
M325B CCV 5 REC	F2602619.D	C71527	Check	0.926	0.904	0.924	2.5%		-14%	Pass	
M325B CCV 5 REC	F2602629.D	C34203	Check	0.936	0.904	0.924	3.6%		-15%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602605.D	C71581	Cal	1.156	1.091	1.156	6.0%	-25%		Pass	
2026GG202 Method Blank 1	F2602606.D	C70579	Blank		1.091	1.156			0.054%	Pass	ND
M325B CCV 5 REC	F2602619.D	C71527	Check	1.145	1.091	1.156	4.9%		-15%	Pass	
M325B CCV 5 REC	F2602629.D	C34203	Check	1.147	1.091	1.156	5.2%		-14%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602605.D	C71581	Cal	1.276	1.150	1.276	11%	-25%		Pass	
2026GG202 Method Blank 1	F2602606.D	C70579	Blank		1.150	1.276			0.054%	Pass	ND
M325B CCV 5 REC	F2602619.D	C71527	Check	1.138	1.150	1.276	-1.1%		-15%	Pass	
M325B CCV 5 REC	F2602629.D	C34203	Check	1.239	1.150	1.276	7.7%		-14%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602605.D	C71581	Cal	1.023	0.940	1.023	8.9%	-25%		Pass	
2026GG202 Method Blank 1	F2602606.D	C70579	Blank		0.940	1.023			0.054%	Pass	ND
M325B CCV 5 REC	F2602619.D	C71527	Check	0.891	0.940	1.023	-5.1%		-15%	Pass	
M325B CCV 5 REC	F2602629.D	C34203	Check	0.970	0.940	1.023	3.3%		-14%	Pass	

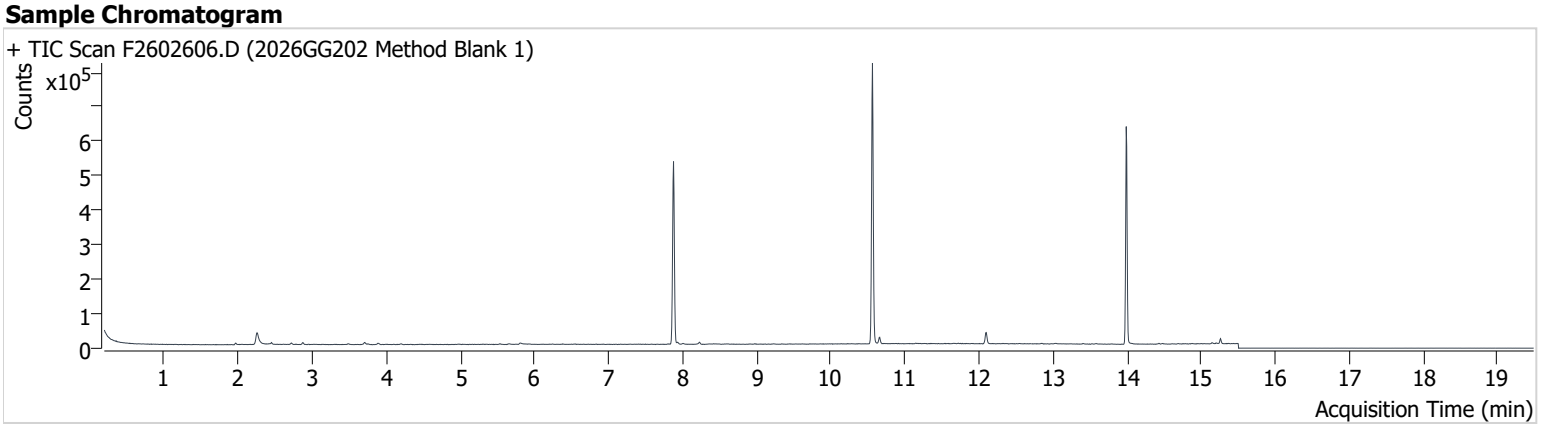
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2602605.D	C71581	Cal	1.030	0.944	1.030	9.1%	-25%		Pass	
2026GG202 Method Blank 1	F2602606.D	C70579	Blank		0.944	1.030			0.054%	Pass	ND
M325B CCV 5 REC	F2602619.D	C71527	Check	0.942	0.944	1.030	-0.17%		-15%	Pass	
M325B CCV 5 REC	F2602629.D	C34203	Check	1.004	0.944	1.030	6.4%		-14%	Pass	

Chromatograms

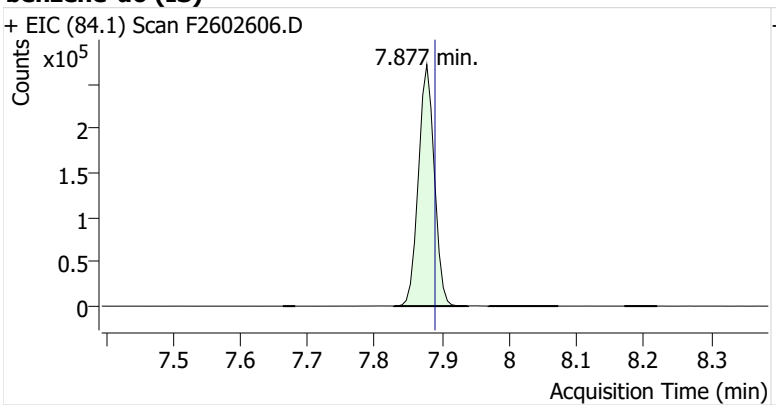
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Comment	C70579
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Acq. Date-Time	4/16/2026 1:58:41 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

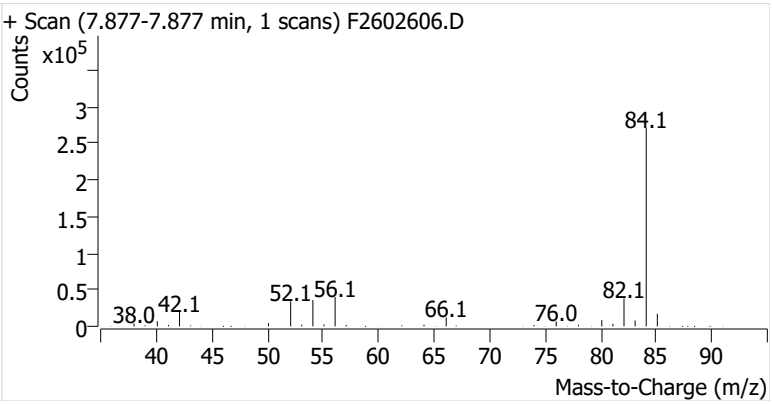
Sample Chromatogram



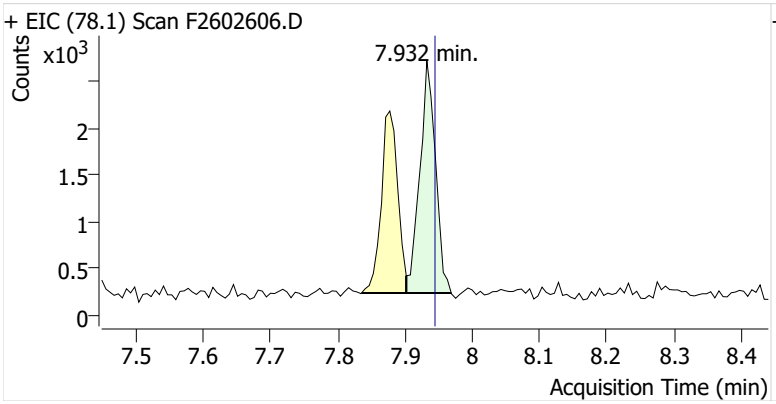
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	444,621	
Benzene	benzene-d6 (IS)	7.932	7.945	4,002	
Toluene-d8 (IS)		10.563	10.569	467,250	
Toluene	Toluene-d8 (IS)	10.661	10.667	11,848	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	723	
m-/p-Xylenes	Toluene-d8 (IS)	13.035	13.028	692	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	537	

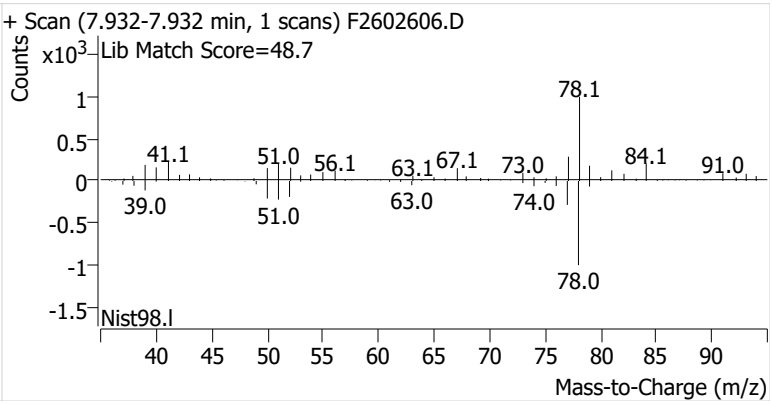
benzene-d6 (IS)



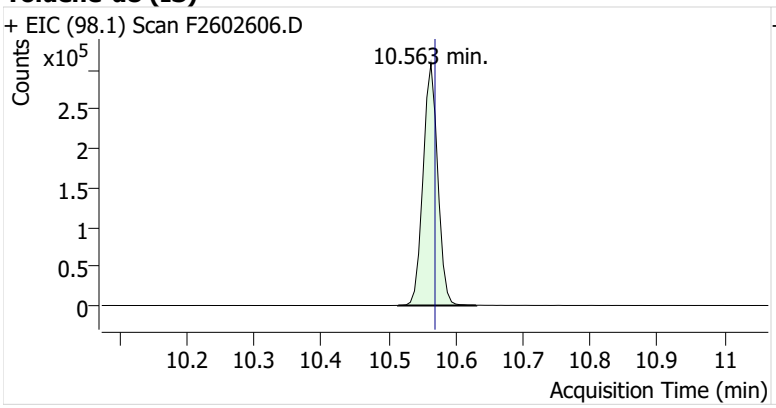


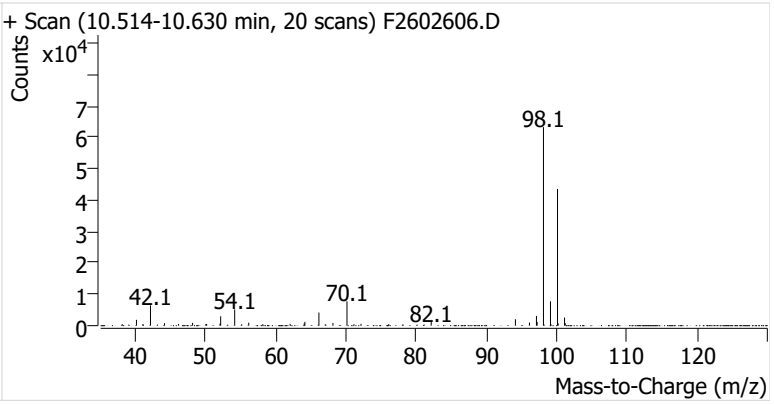
Benzene



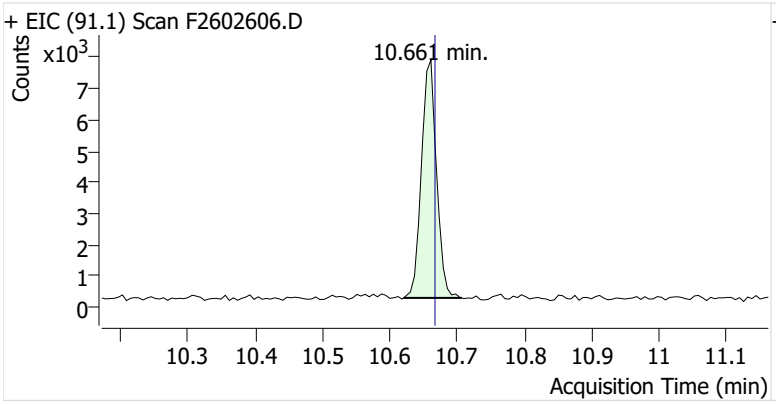


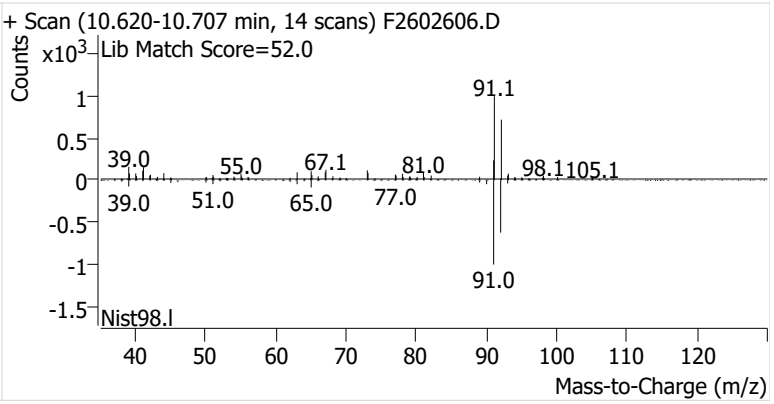
Toluene-d8 (IS)



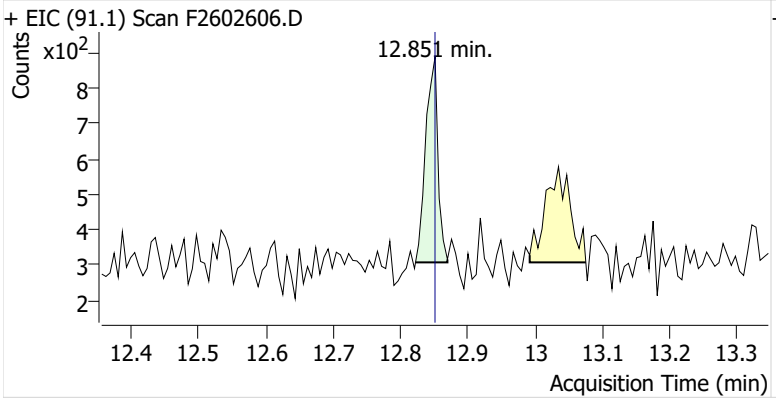


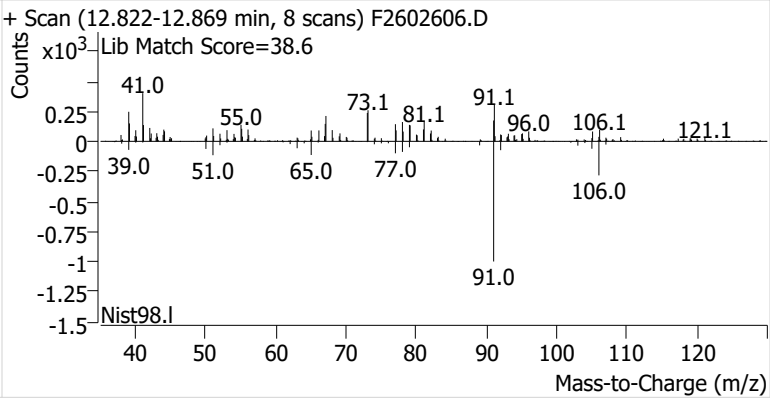
Toluene



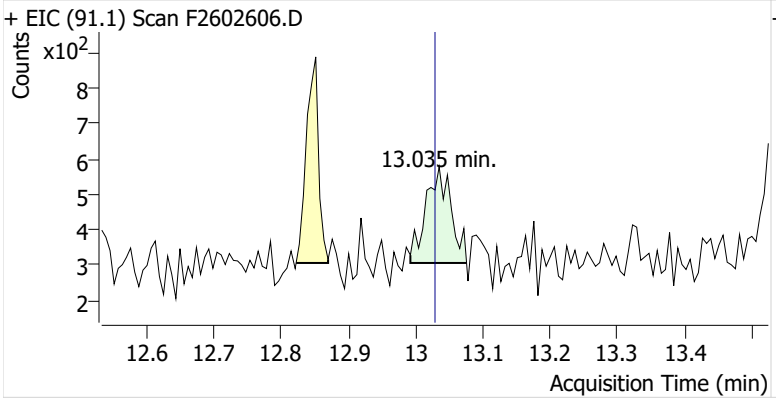


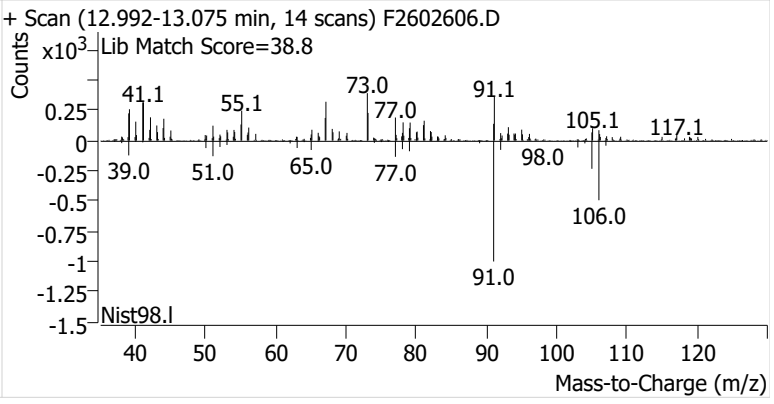
Ethylbenzene



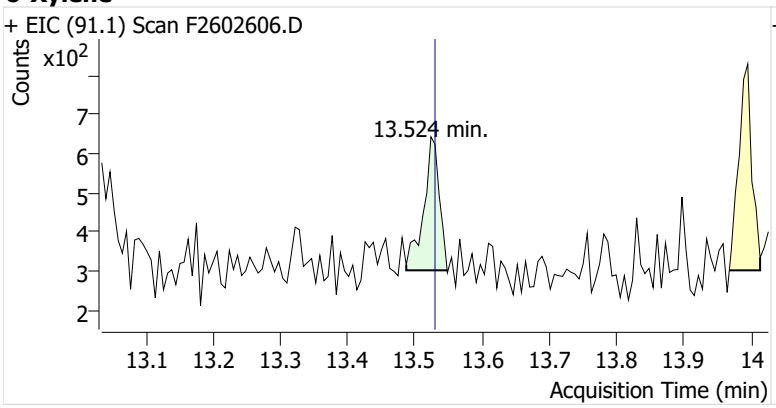


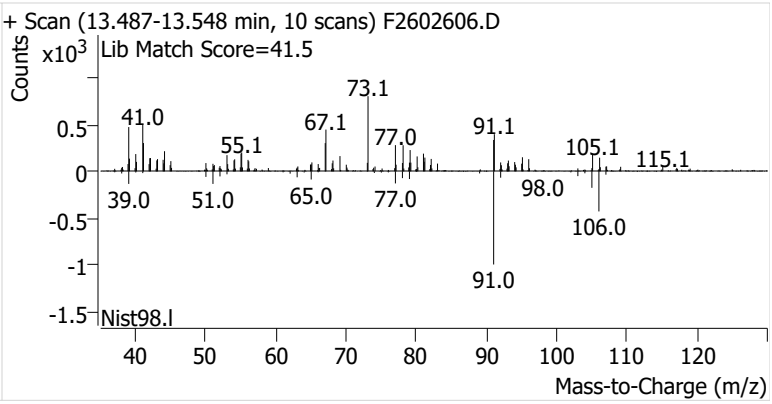
m-/p-Xylenes





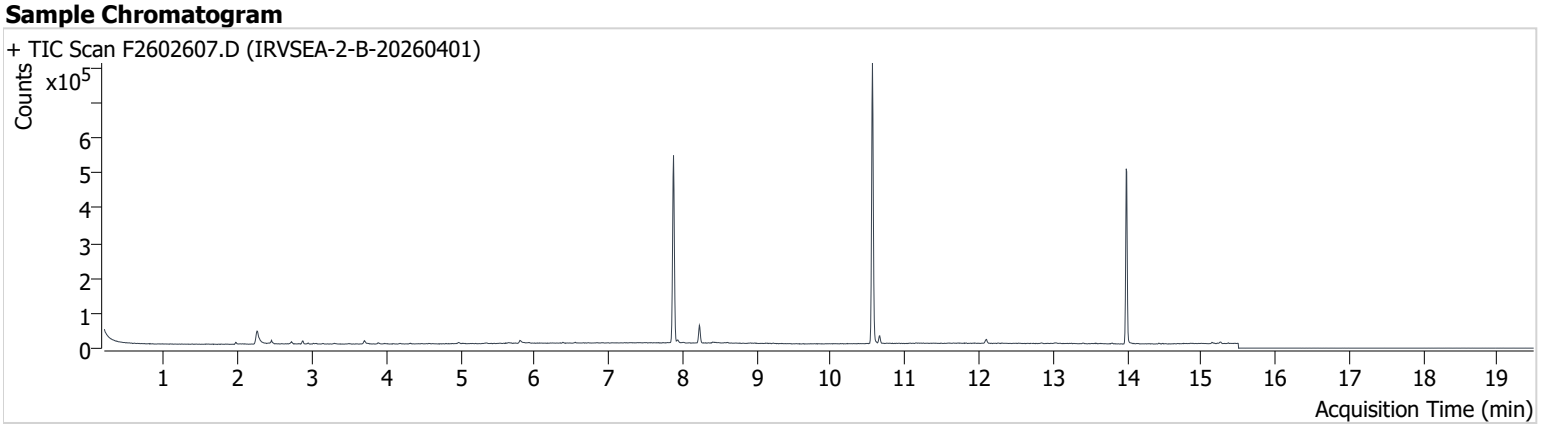
o-Xylene


+ EIC (91.1) Scan F2602606.D
Counts
x10^2
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.548 min, 10 scans) F2602606.D
Lib Match Score=41.5
Counts
x10^3
41.0
55.1
67.1
73.1
77.0
91.1
105.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

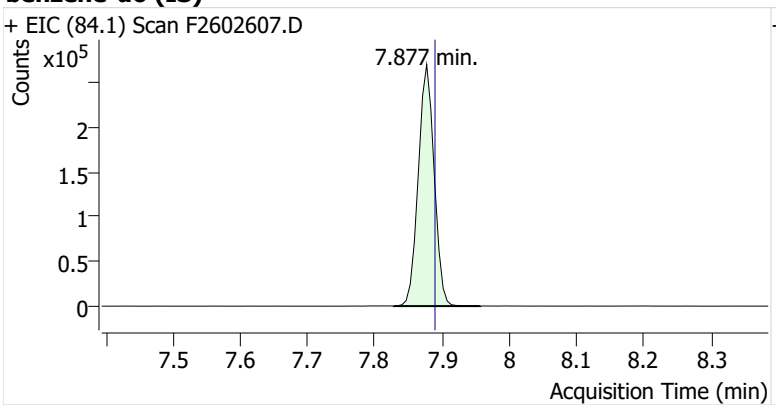
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Comment	C00824
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Acq. Date-Time	4/16/2026 2:24:02 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

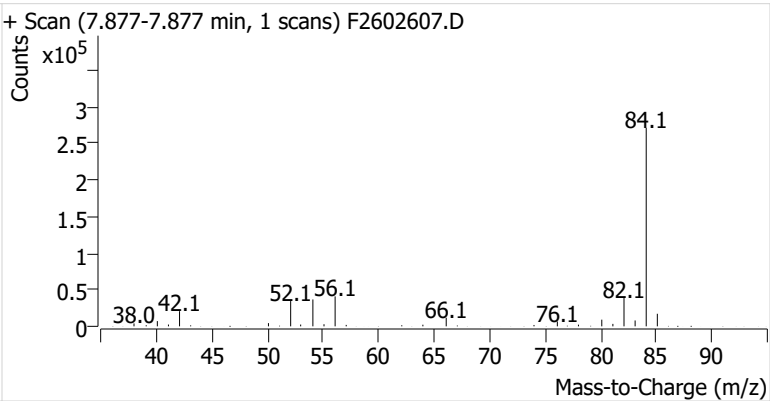
Sample Chromatogram



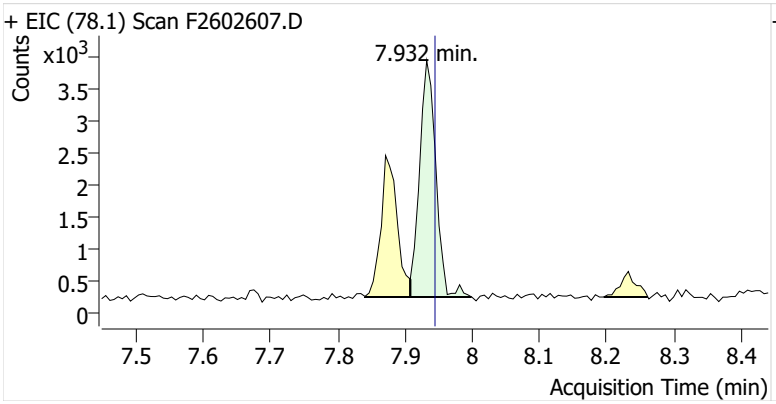
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	444,074	
Benzene	benzene-d6 (IS)	7.932	7.945	6,191	
Toluene-d8 (IS)		10.563	10.569	464,743	
Toluene	Toluene-d8 (IS)	10.661	10.667	14,422	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	888	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	894	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	530	

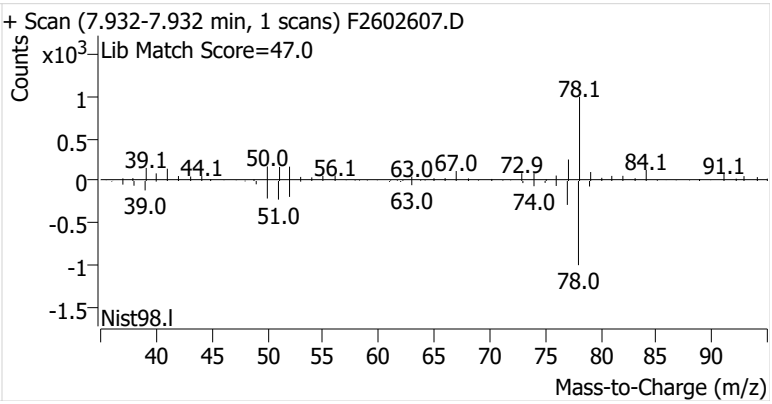
benzene-d6 (IS)



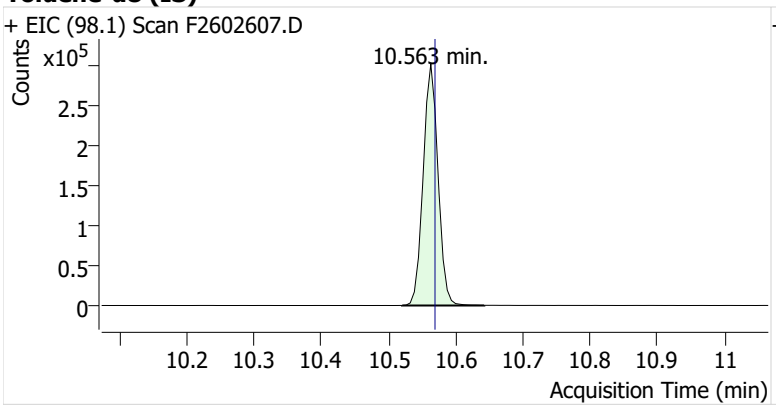


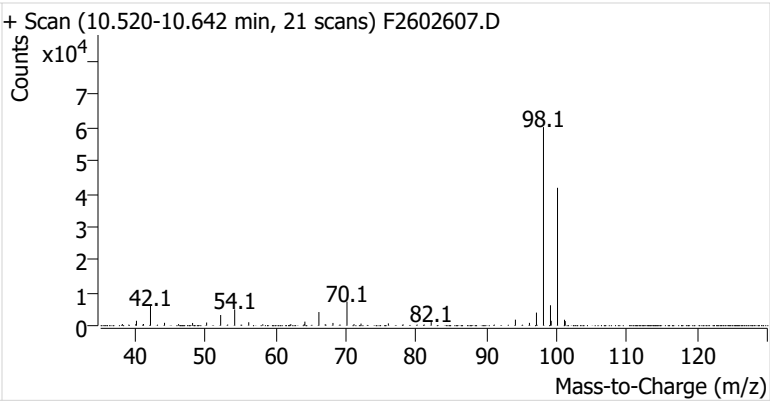
Benzene



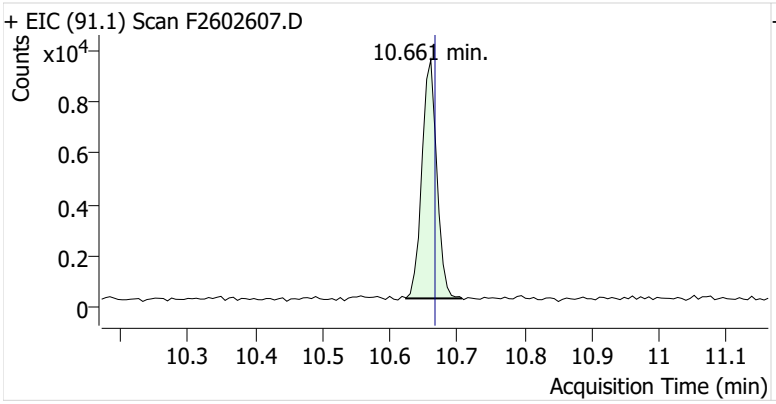


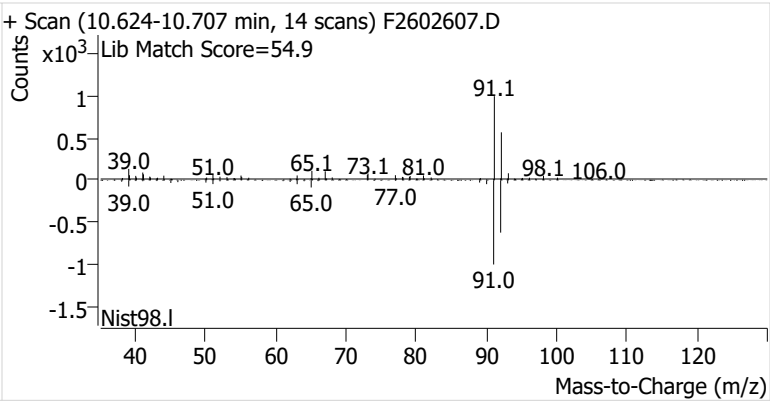
Toluene-d8 (IS)



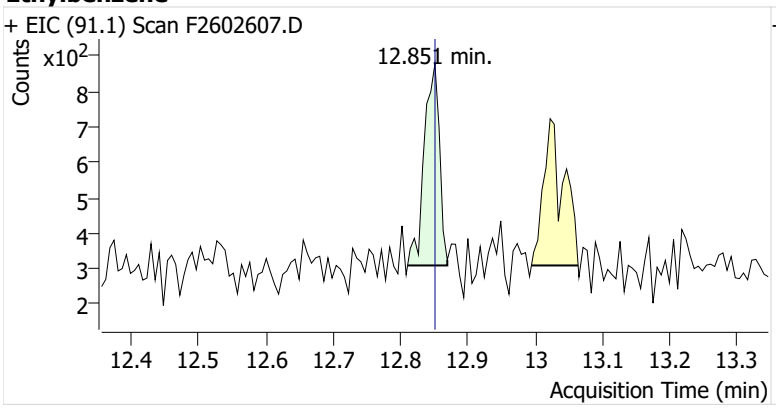


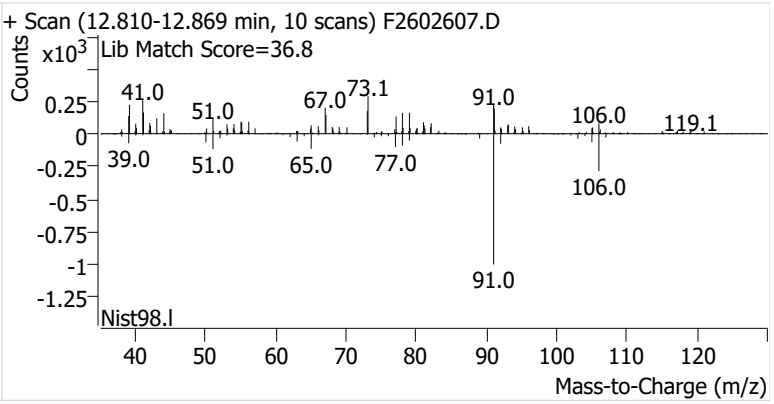
Toluene



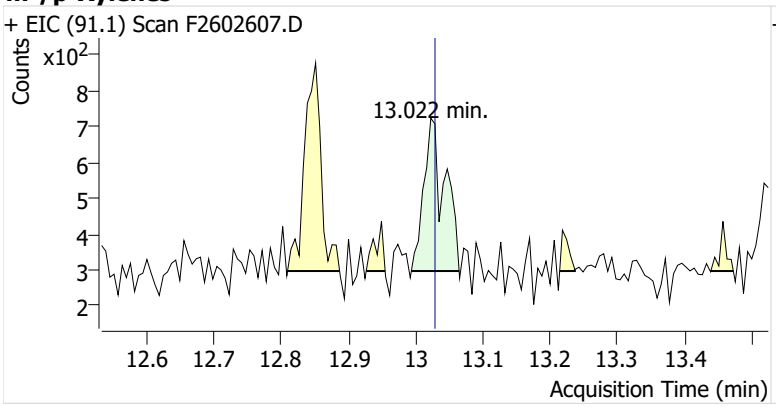


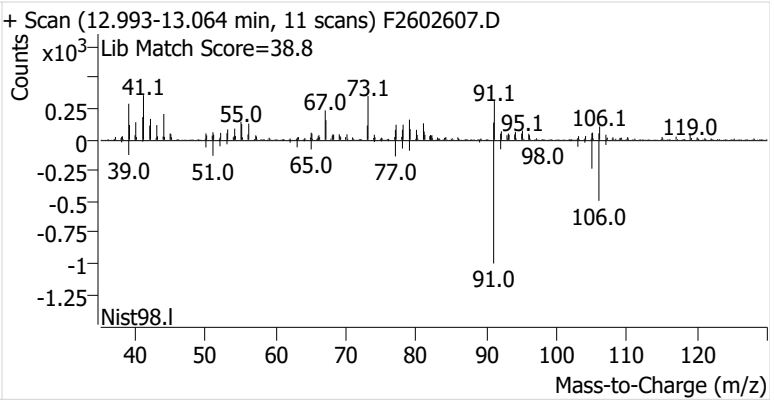
Ethylbenzene



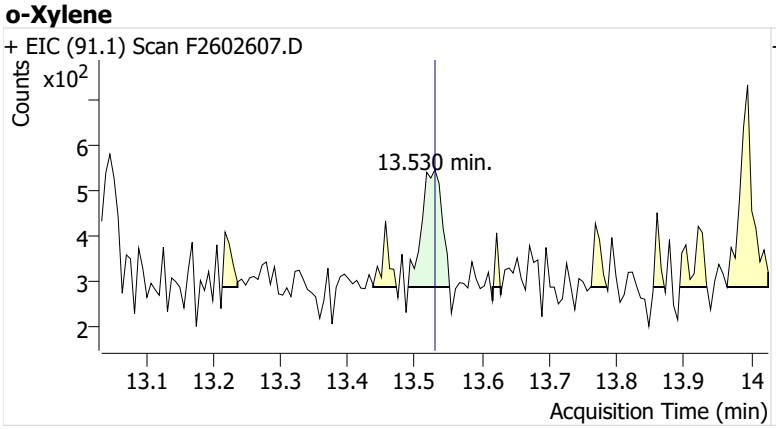


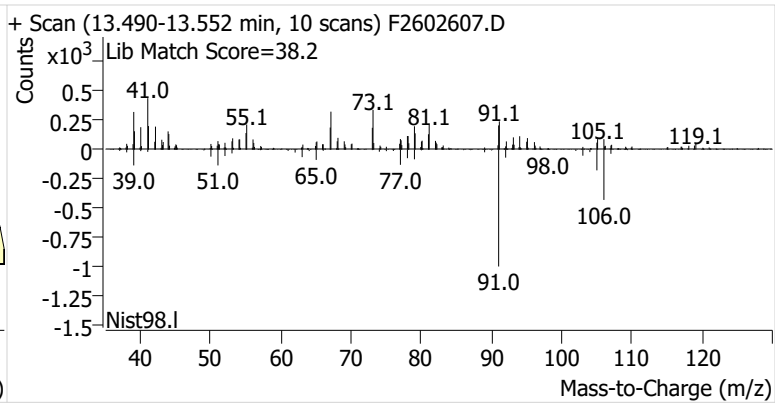
m-/p-Xylenes





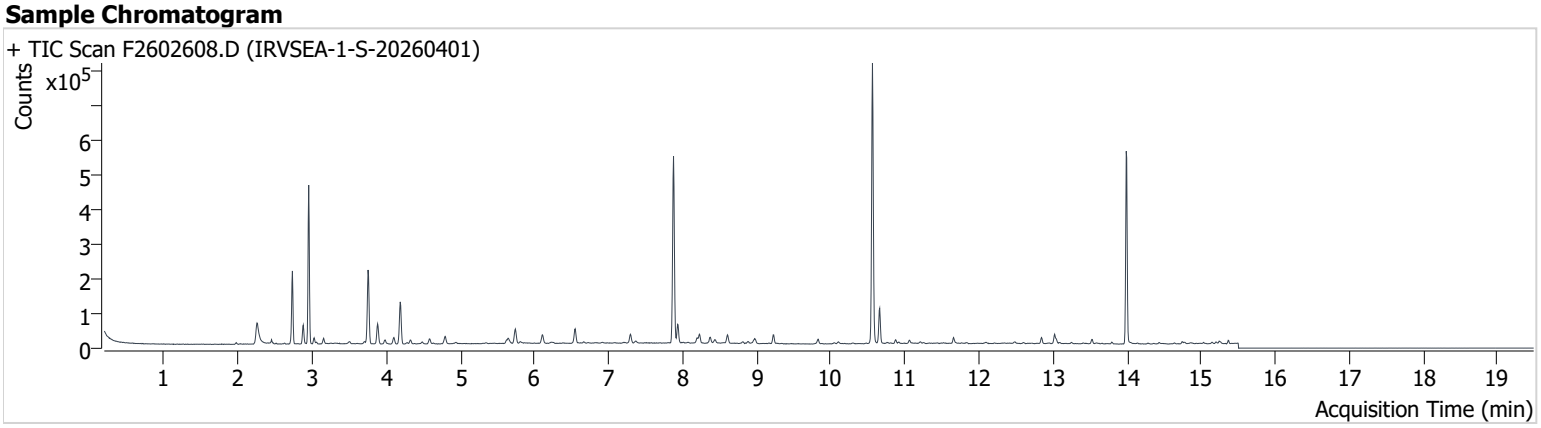
o-Xylene


+ EIC (91.1) Scan F2602607.D
Counts
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5
4
3
2
13.530 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.490-13.552 min, 10 scans) F2602607.D
Lib Match Score=38.2
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x10^3
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0
-0.25
-0.5
-0.75
-1
-1.25
-1.5
41.0
55.1
73.1
81.1
91.1
105.1
119.1
39.0
51.0
65.0
77.0
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60
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90
100
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120
Mass-to-Charge (m/z)

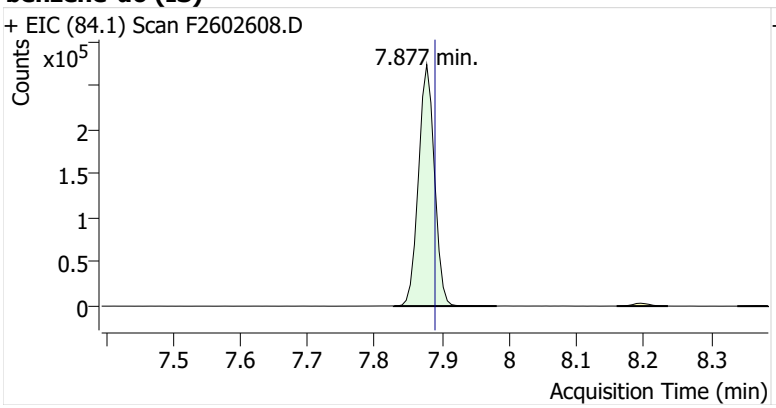
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Comment	C37461
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Acq. Date-Time	4/16/2026 2:49:25 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

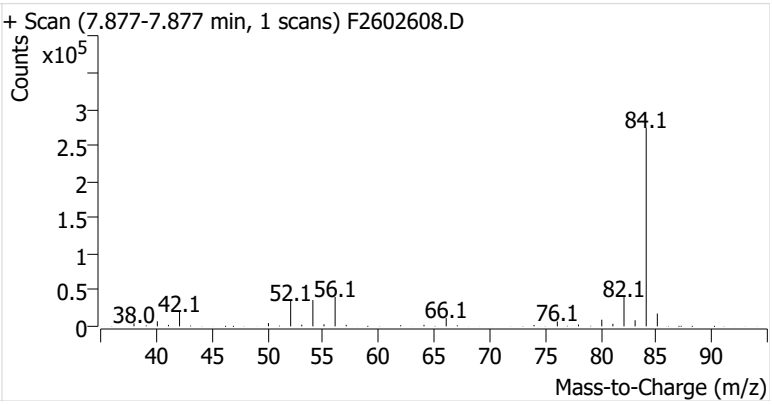
Sample Chromatogram



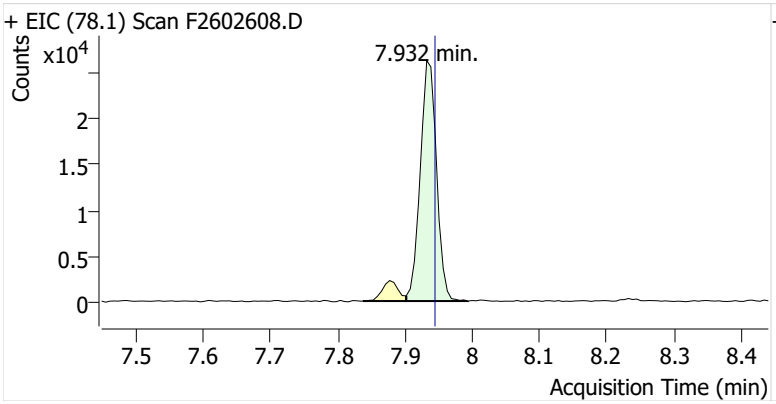
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	450,667	
Benzene	benzene-d6 (IS)	7.932	7.945	43,772	
Toluene-d8 (IS)		10.563	10.569	468,580	
Toluene	Toluene-d8 (IS)	10.661	10.667	63,030	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,830	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	19,041	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	7,235	

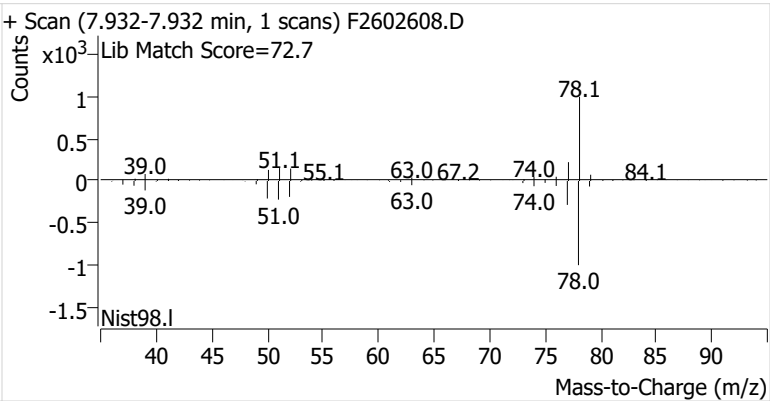
benzene-d6 (IS)



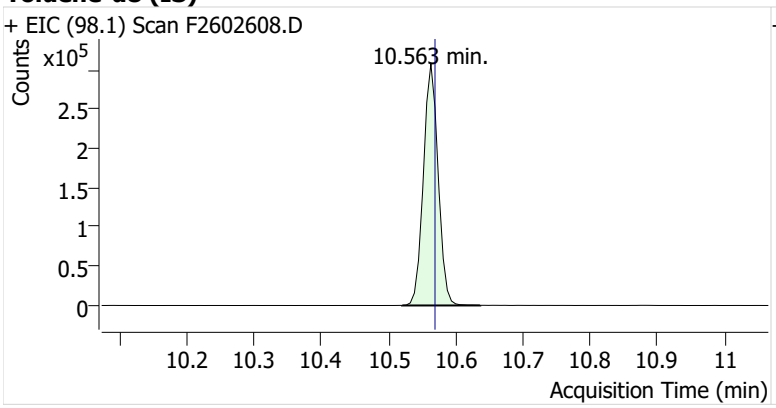


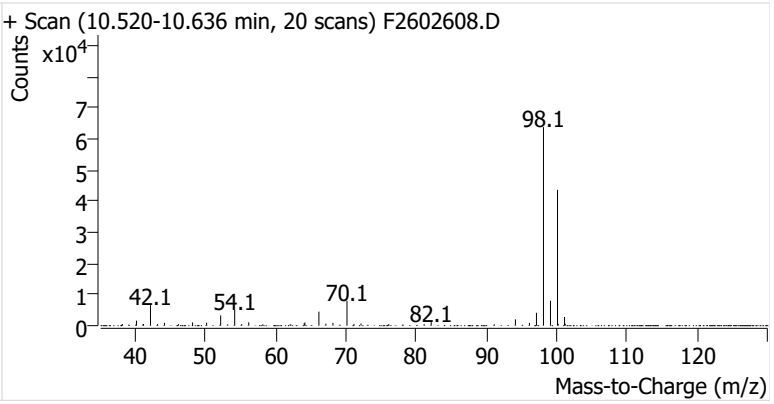
Benzene



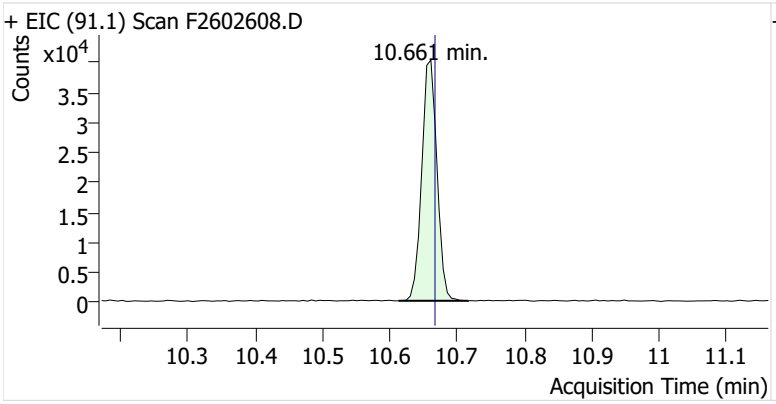


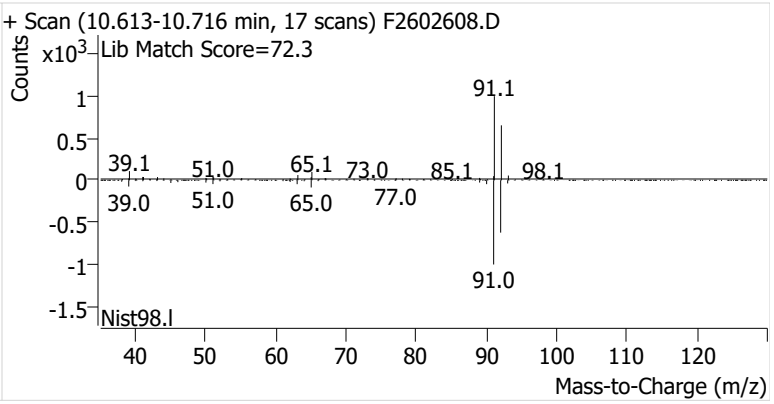
Toluene-d8 (IS)



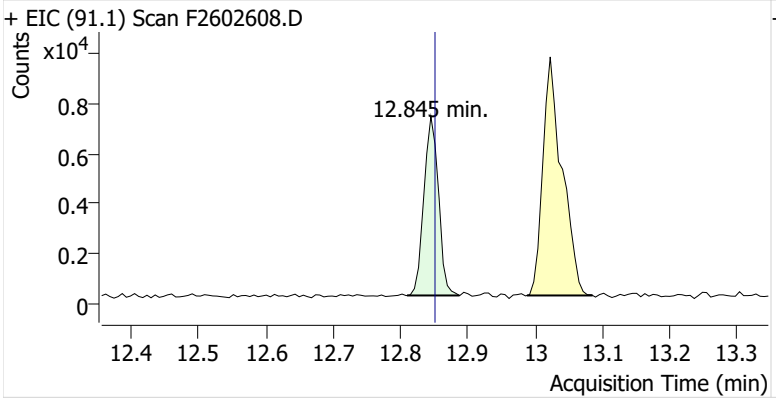


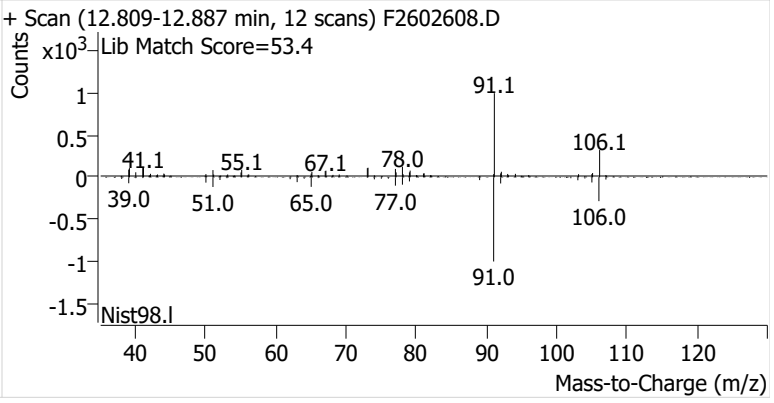
Toluene



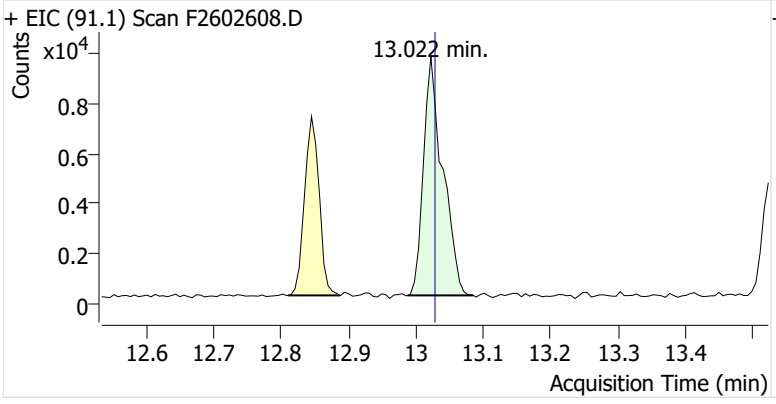


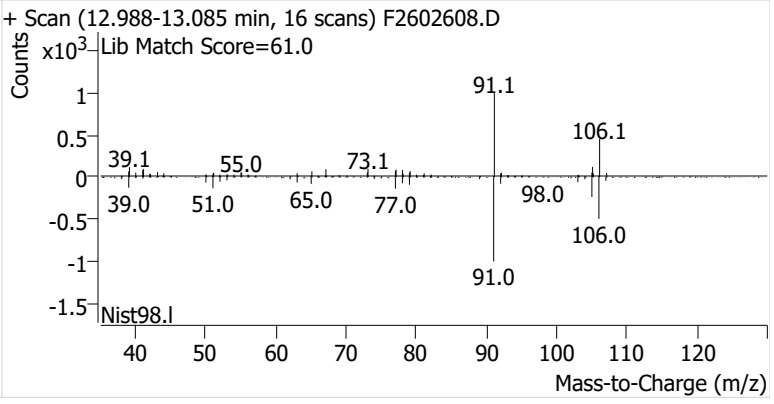
Ethylbenzene



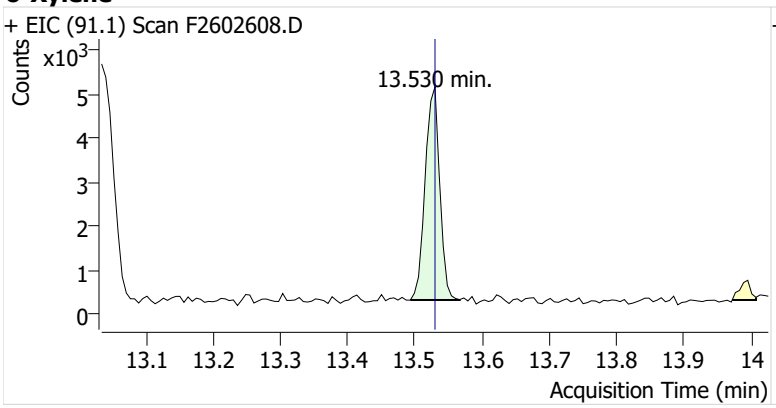


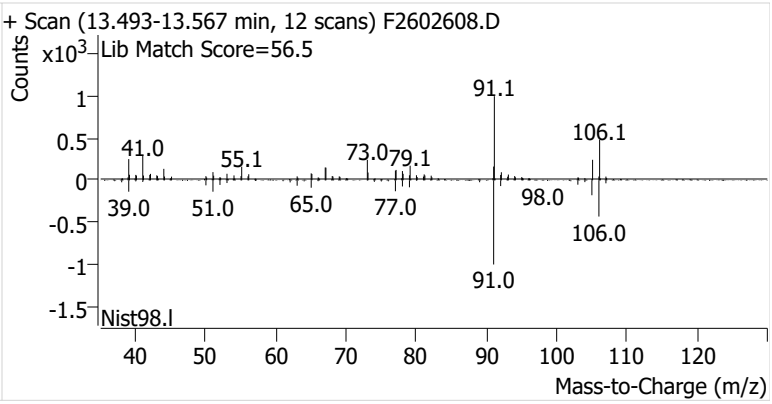
m-/p-Xylenes





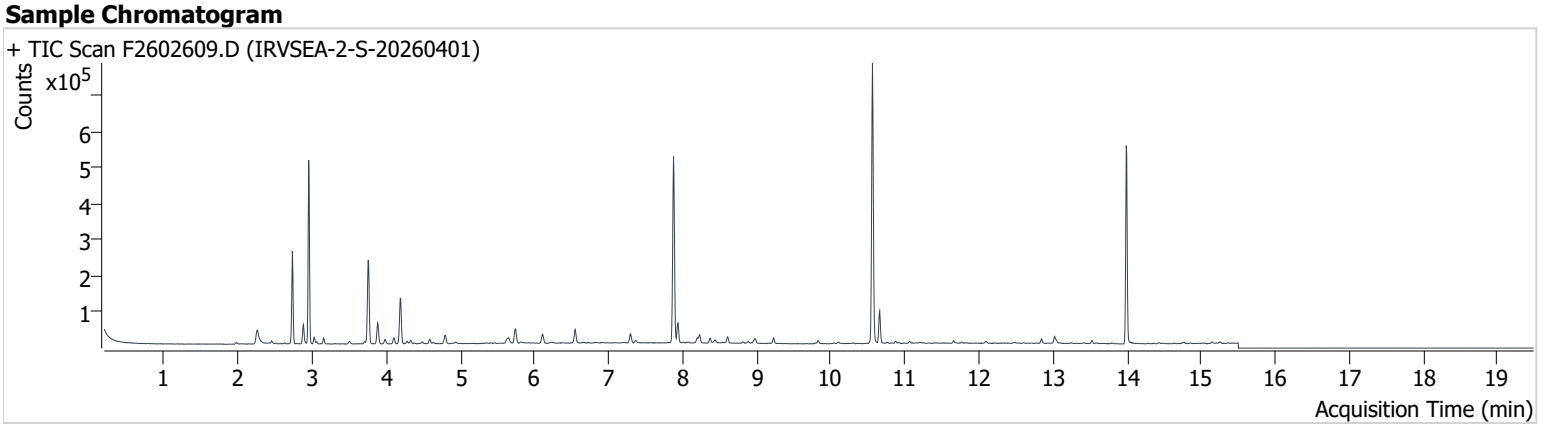
o-Xylene


+ EIC (91.1) Scan F2602608.D
Counts
x10^3
5
4
3
2
1
0
13.530 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.493-13.567 min, 12 scans) F2602608.D
Lib Match Score=56.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.0
55.1
73.0
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

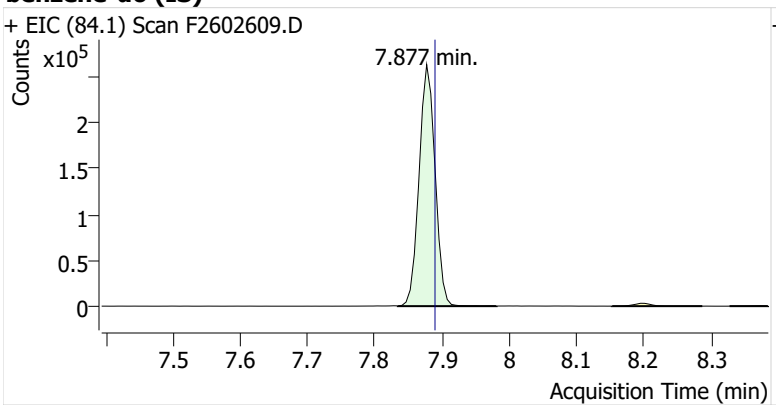
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Comment	C16090
Data File	F2602609.D
Acq. Date-Time	4/16/2026 3:14:47 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

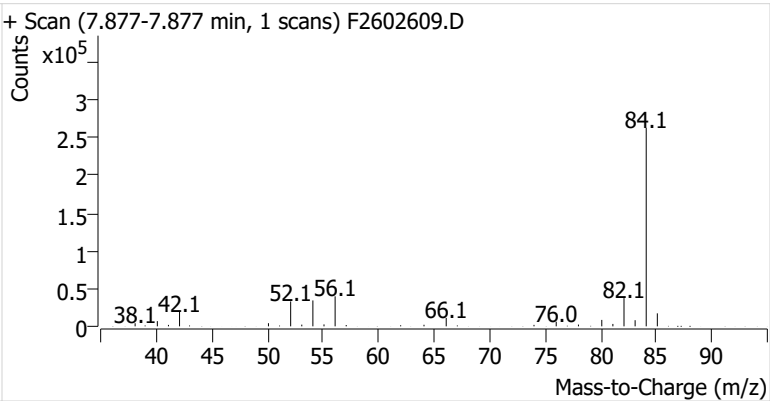
Sample Chromatogram



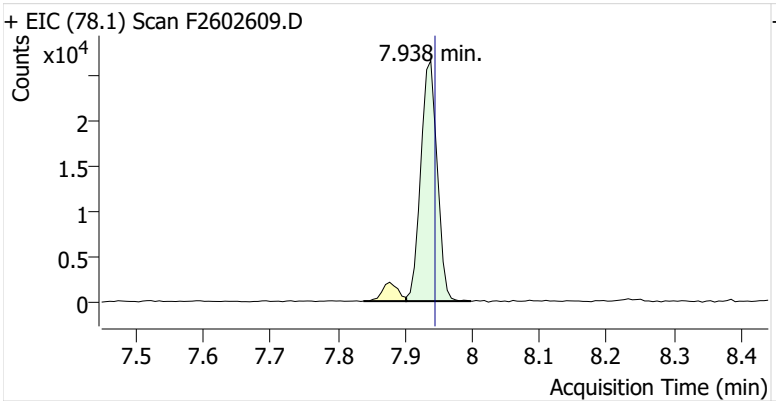
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	435,266	
Benzene	benzene-d6 (IS)	7.938	7.945	44,801	
Toluene-d8 (IS)		10.563	10.569	448,747	
Toluene	Toluene-d8 (IS)	10.661	10.667	54,926	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	7,756	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	14,061	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	4,832	

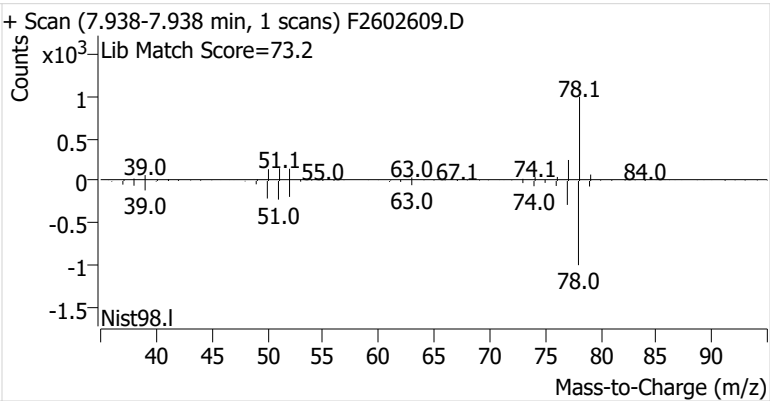
benzene-d6 (IS)



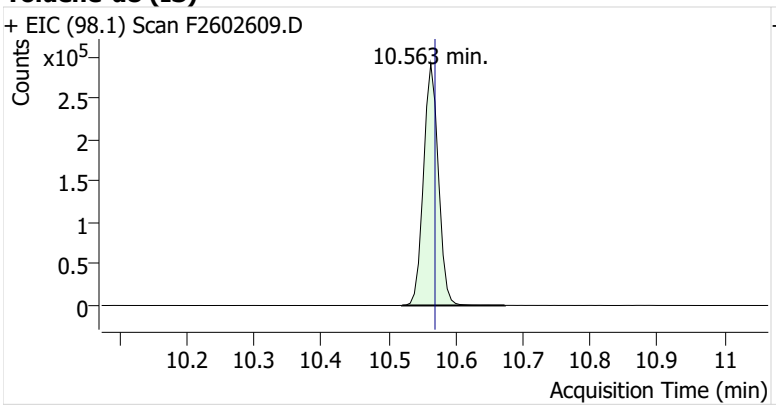


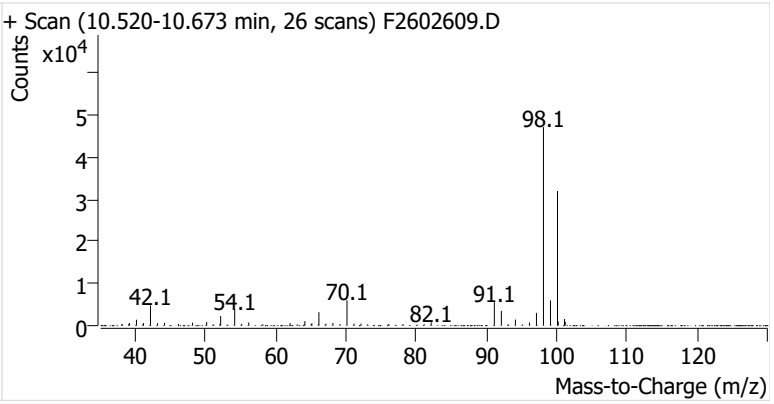
Benzene



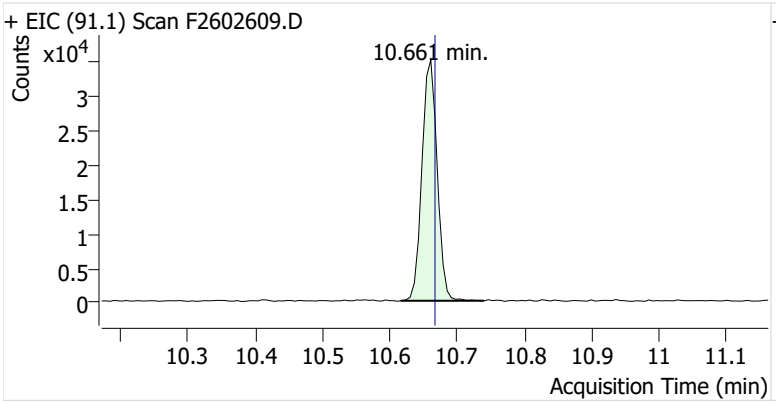


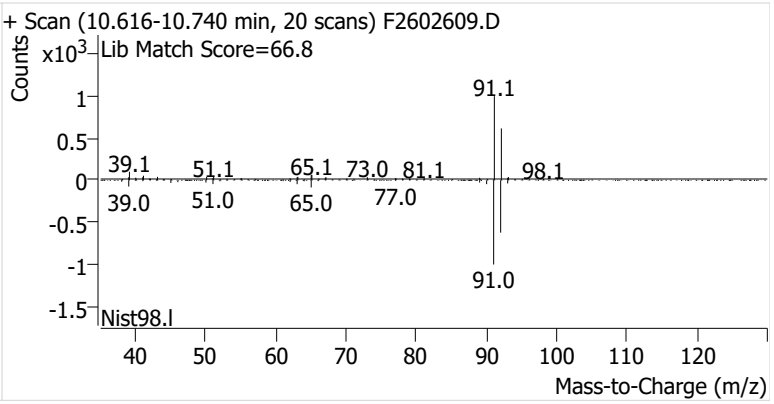
Toluene-d8 (IS)



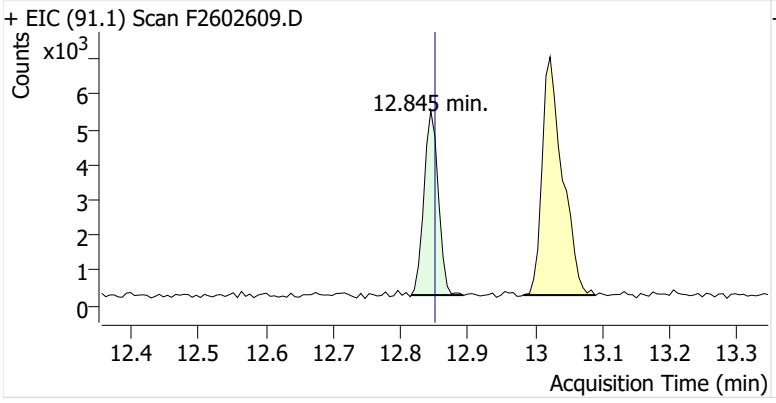


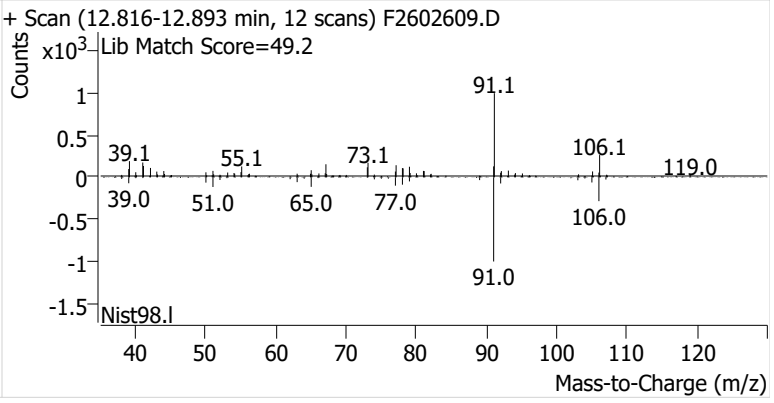
Toluene



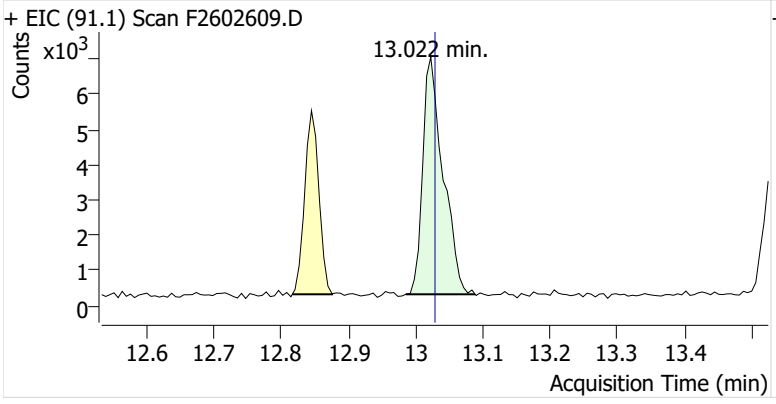


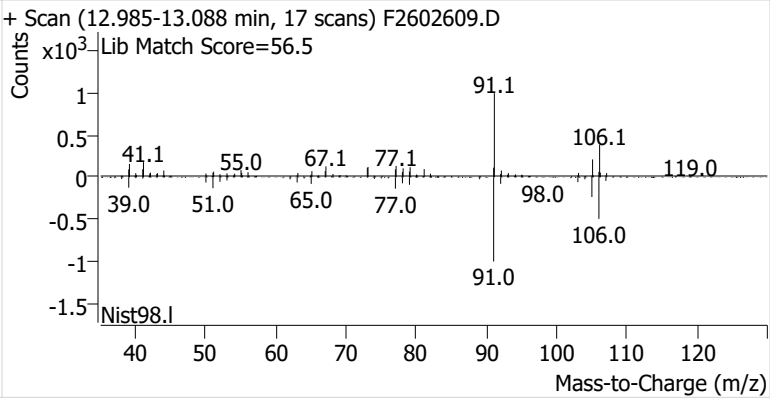
Ethylbenzene



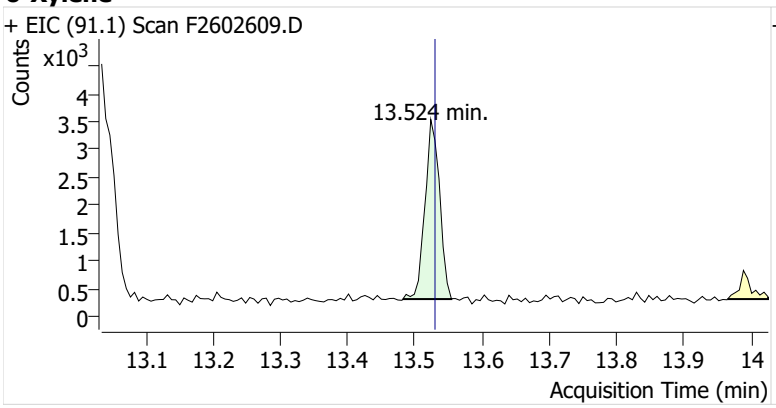


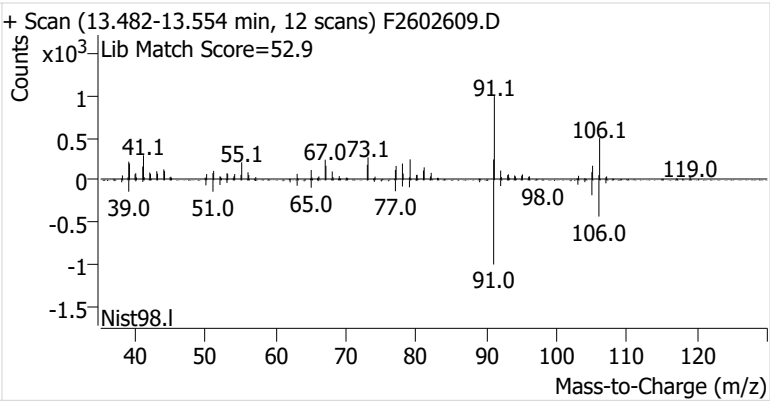
m-/p-Xylenes





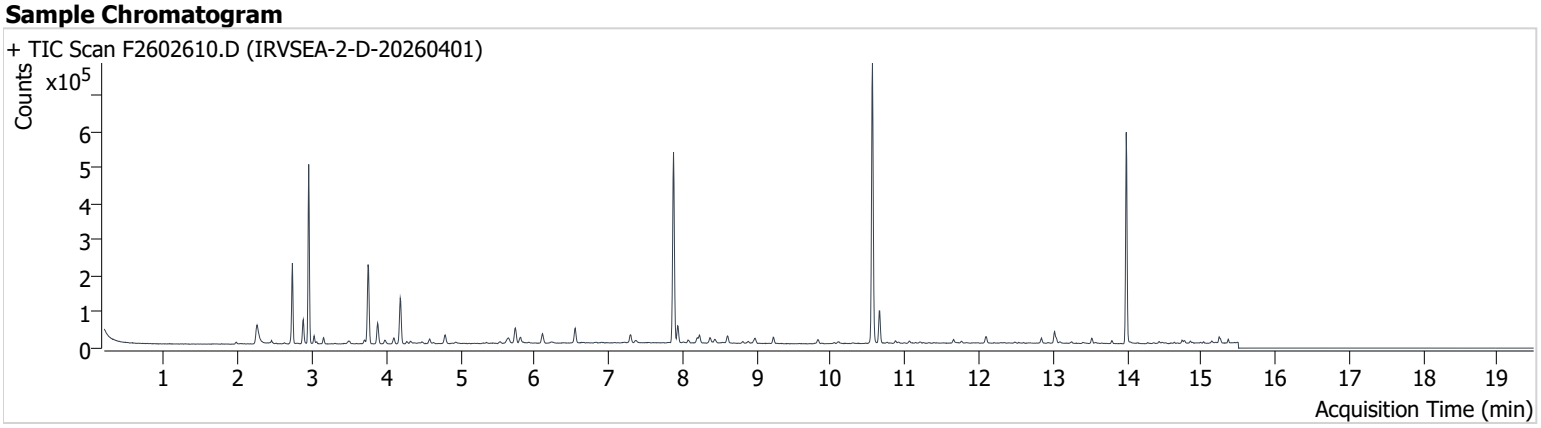
o-Xylene


+ EIC (91.1) Scan F2602609.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.482-13.554 min, 12 scans) F2602609.D
Lib Match Score=52.9
Counts
x10^3
91.1
106.1
119.0
41.1
55.1
67.0
73.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

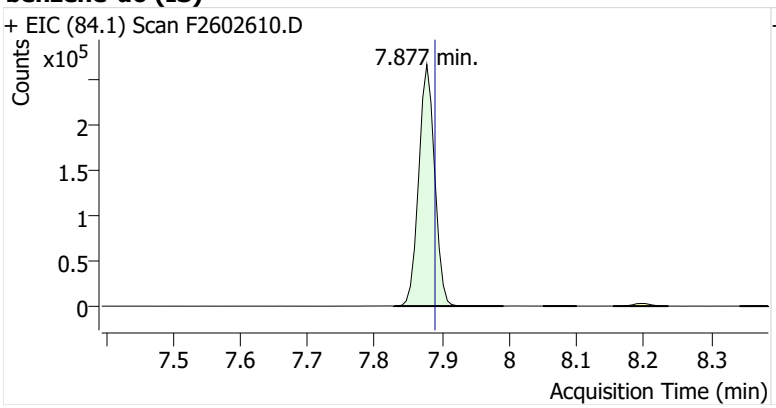
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Comment	C60244
Data File	F2602610.D
Acq. Date-Time	4/16/2026 3:40:13 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

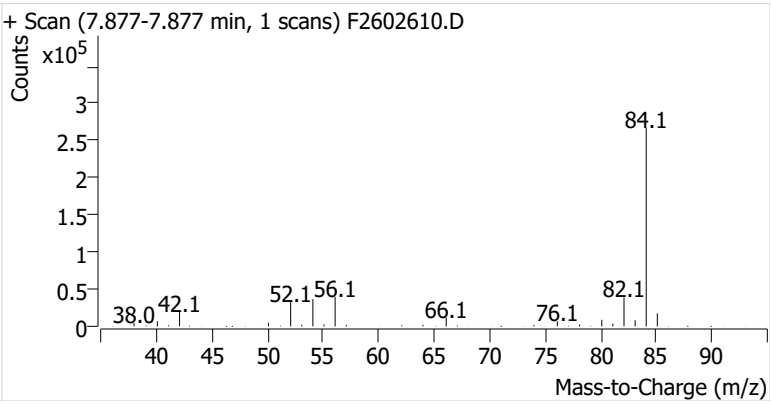
Sample Chromatogram



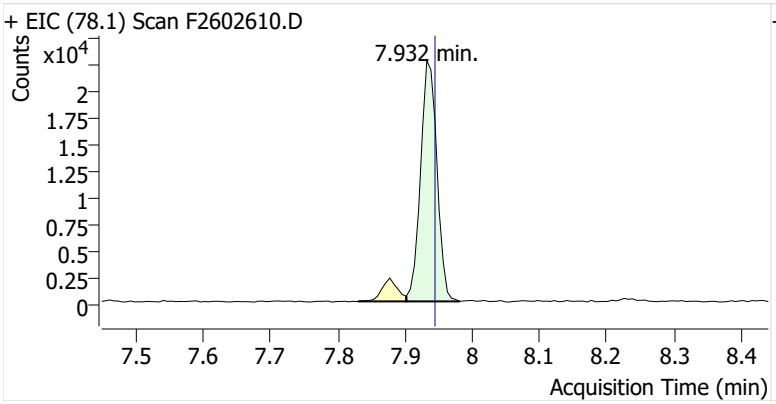
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	438,933	
Benzene	benzene-d6 (IS)	7.932	7.945	38,358	
Toluene-d8 (IS)		10.563	10.569	454,231	
Toluene	Toluene-d8 (IS)	10.661	10.667	55,865	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	9,134	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	23,334	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	7,973	

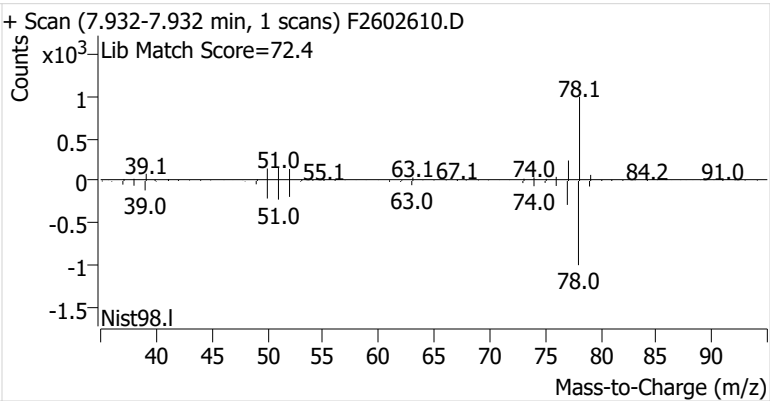
benzene-d6 (IS)



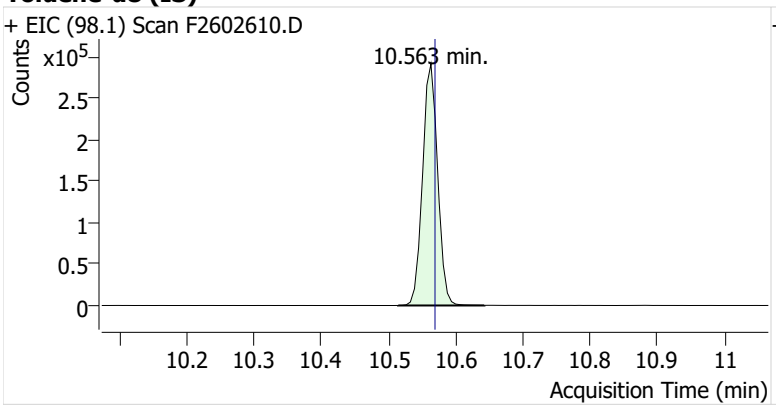


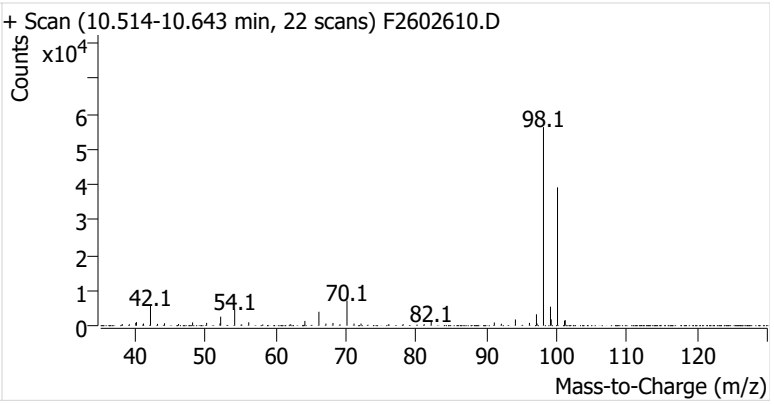
Benzene



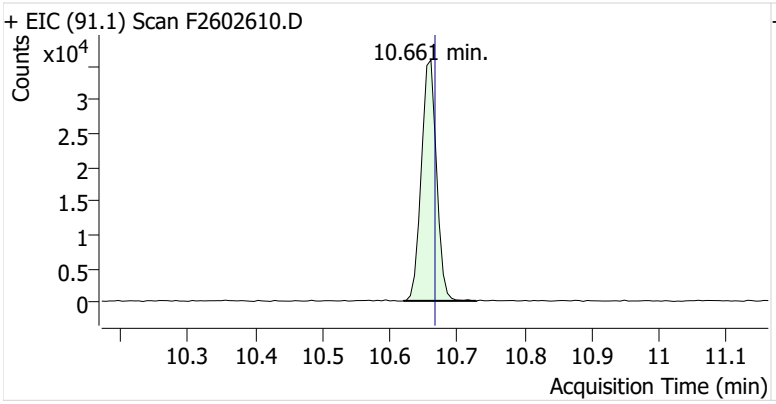


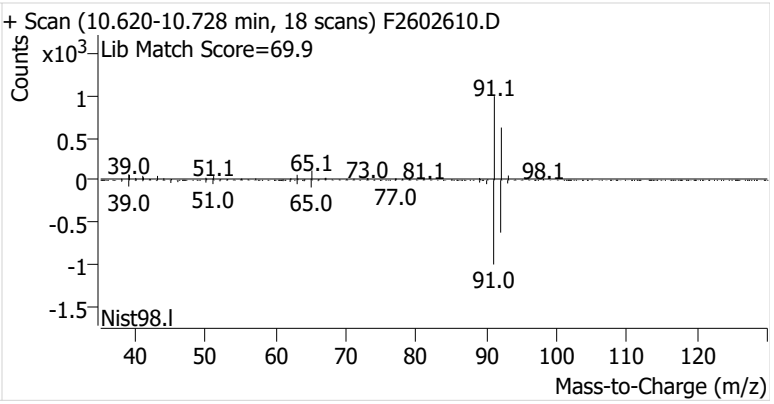
Toluene-d8 (IS)



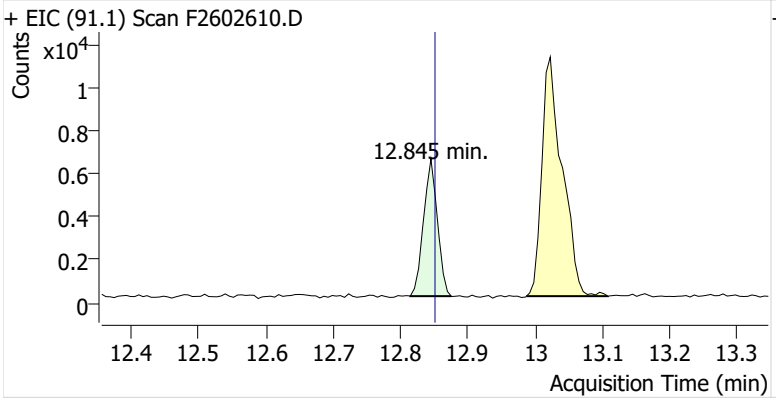


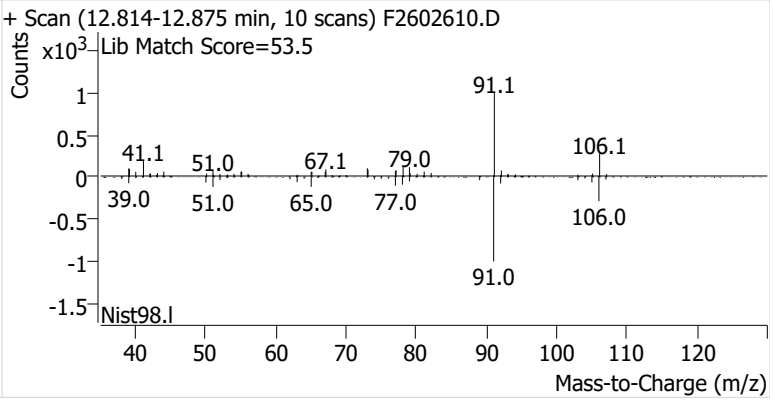
Toluene



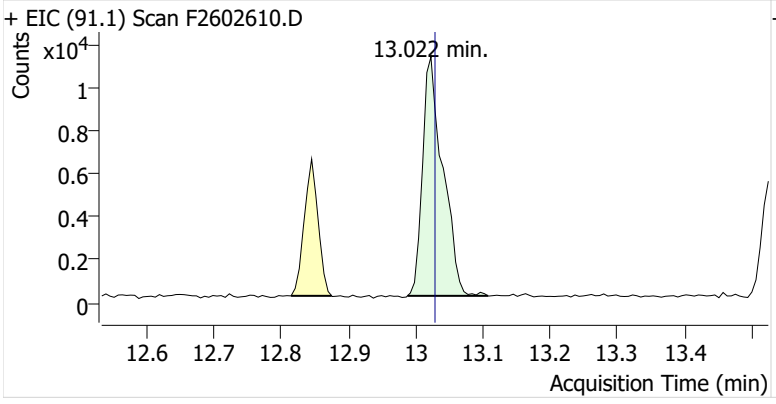


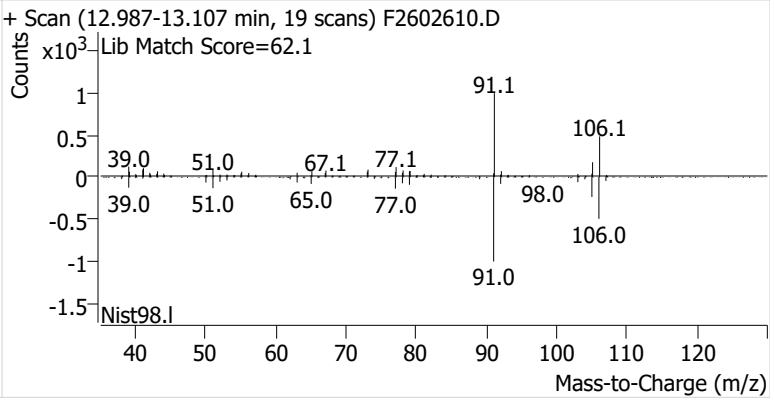
Ethylbenzene



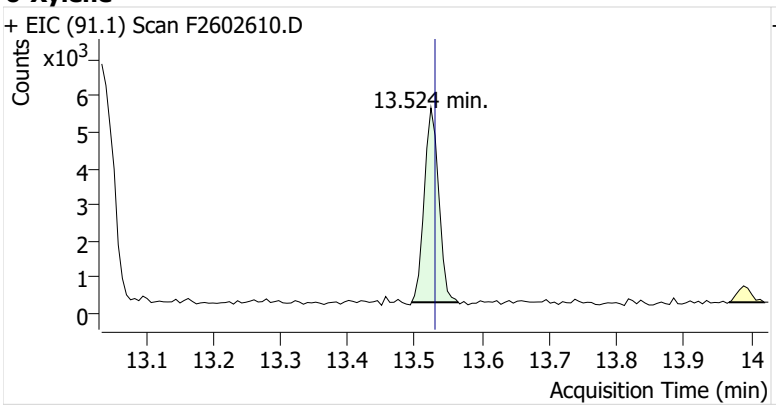


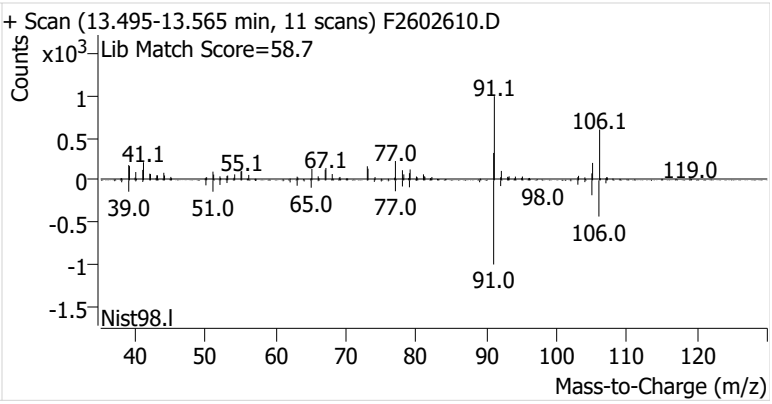
m-/p-Xylenes





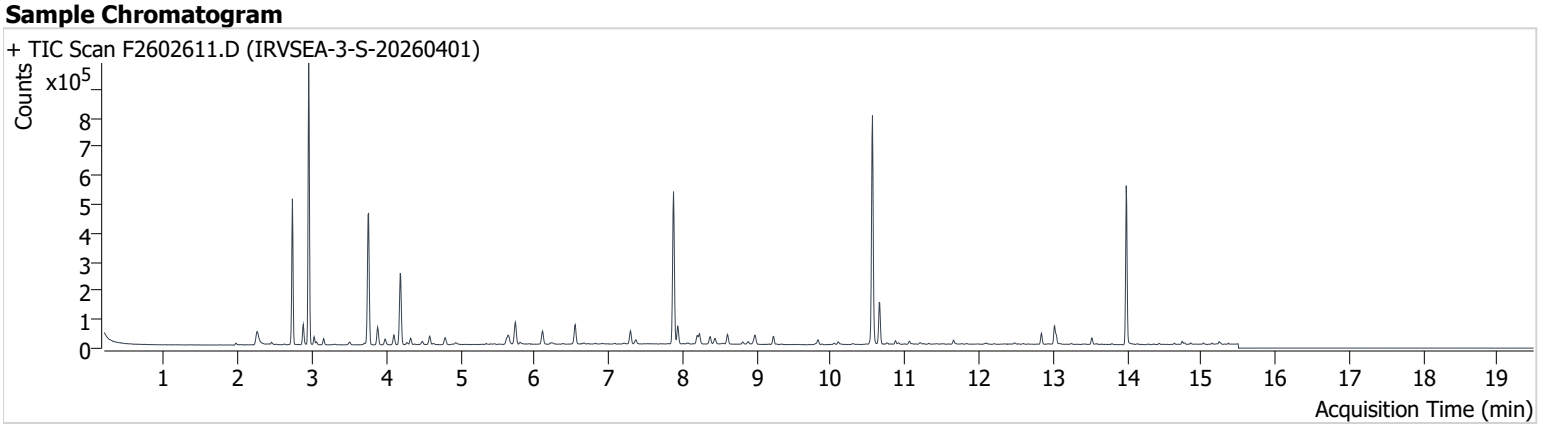
o-Xylene


+ EIC (91.1) Scan F2602610.D
Counts
x10^3
6
5
4
3
2
1
0
13.524 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.495-13.565 min, 11 scans) F2602610.D
Lib Match Score=58.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
77.0
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

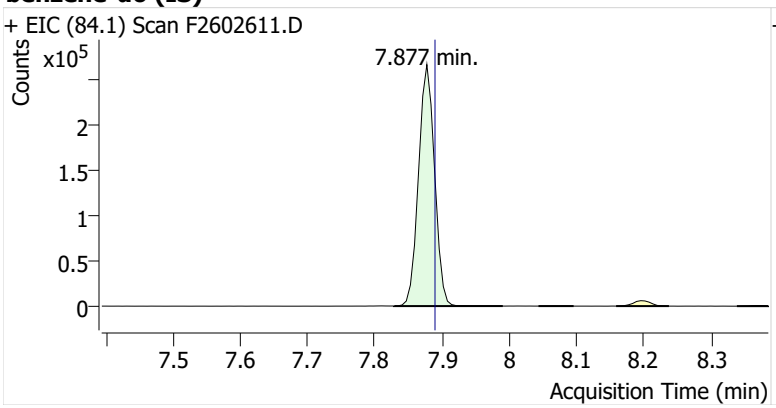
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Comment	C24172
Data File	F2602611.D
Acq. Date-Time	4/16/2026 4:05:37 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

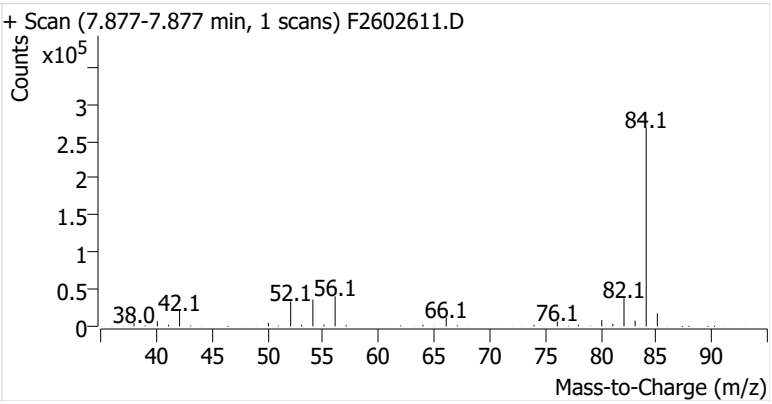
Sample Chromatogram



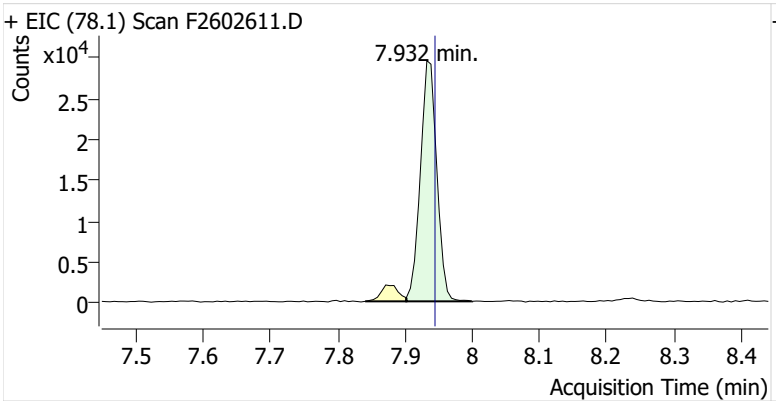
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	443,670	
Benzene	benzene-d6 (IS)	7.932	7.945	50,045	
Toluene-d8 (IS)		10.563	10.569	461,931	
Toluene	Toluene-d8 (IS)	10.655	10.667	90,511	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	24,911	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	50,291	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	12,846	

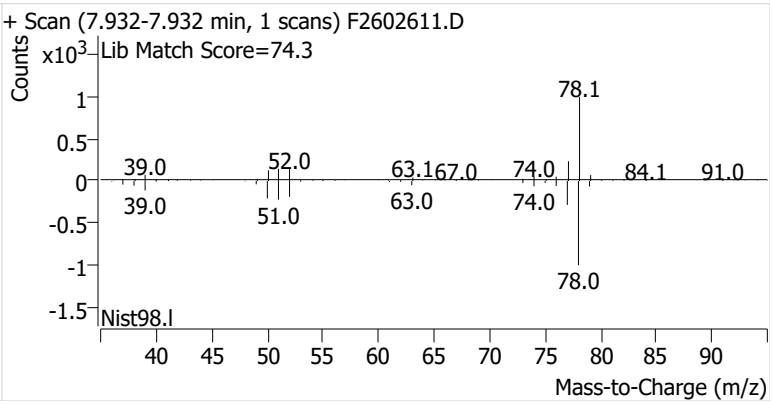
benzene-d6 (IS)



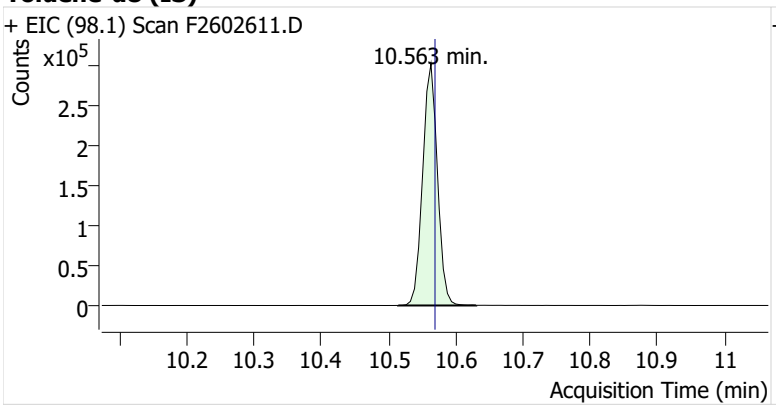


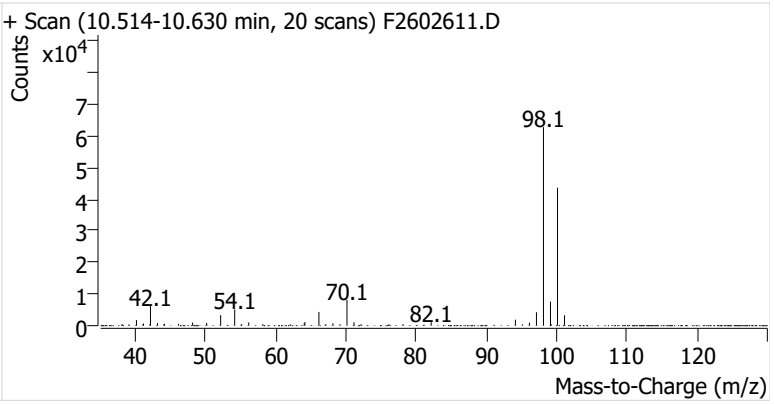
Benzene



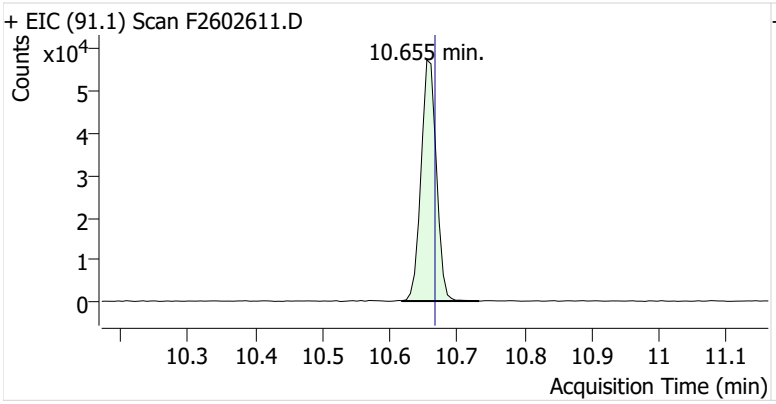


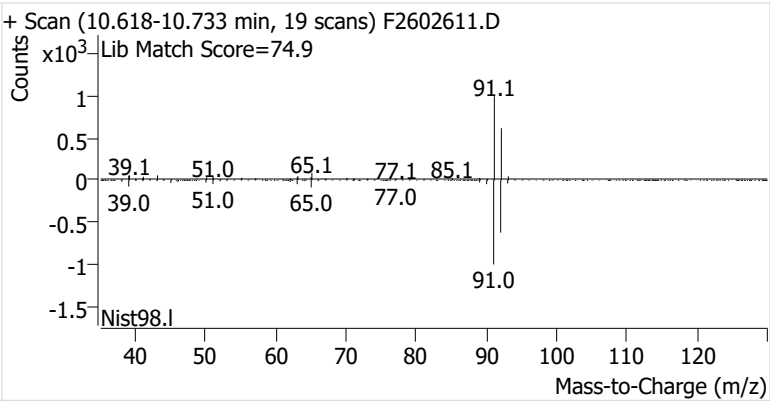
Toluene-d8 (IS)



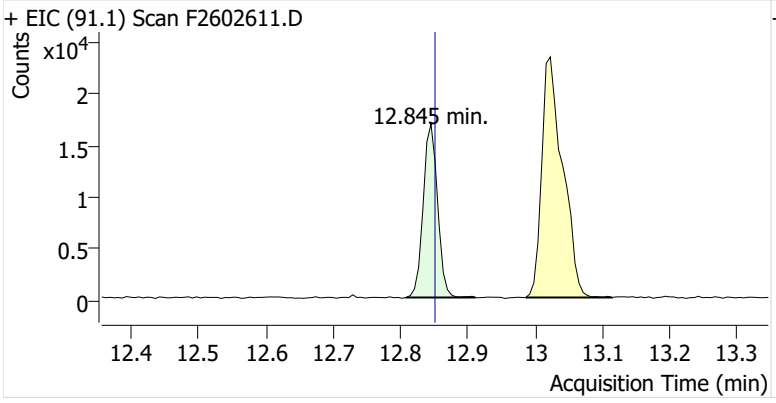


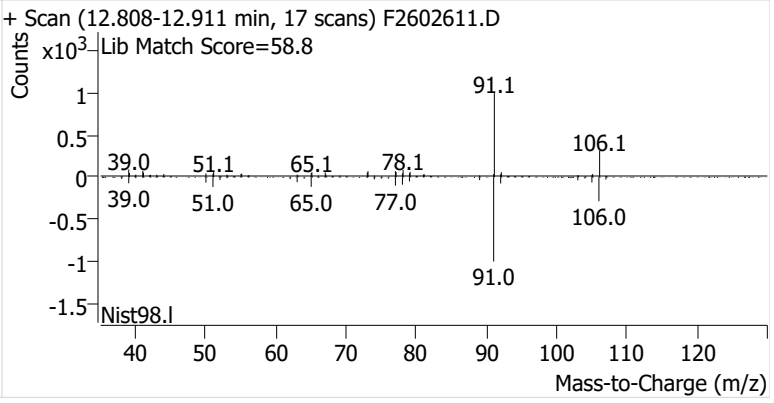
Toluene



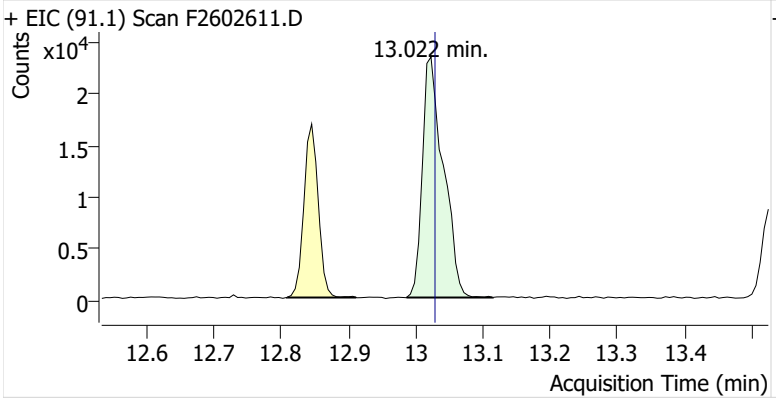


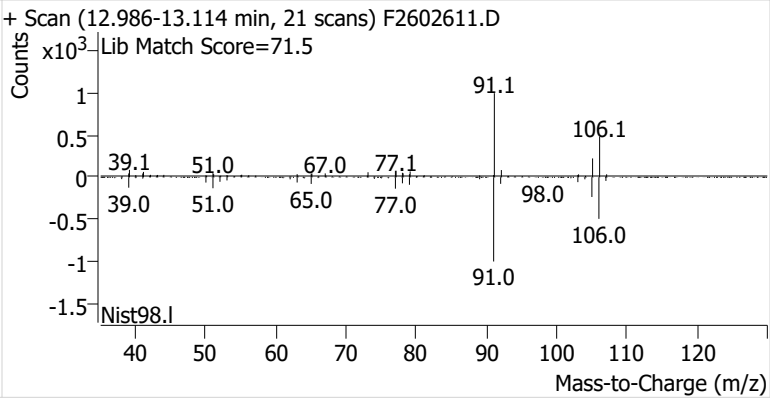
Ethylbenzene



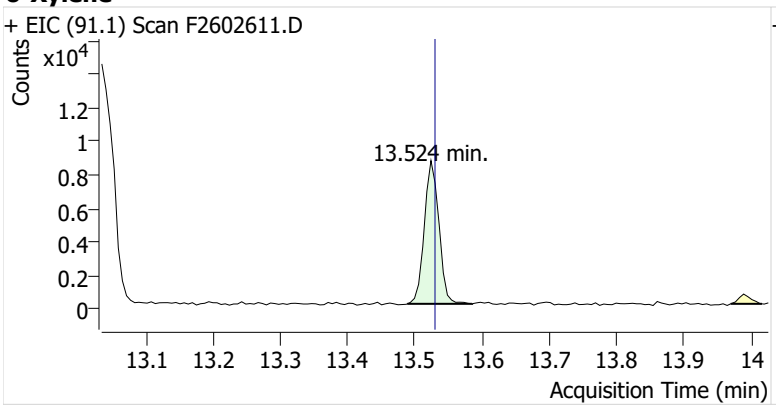


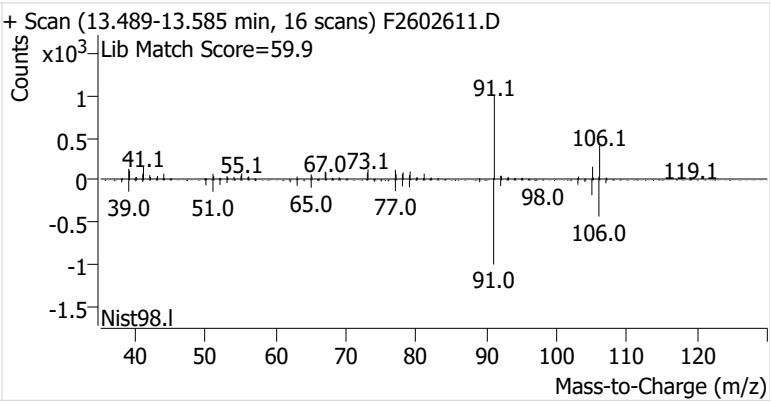
m-/p-Xylenes





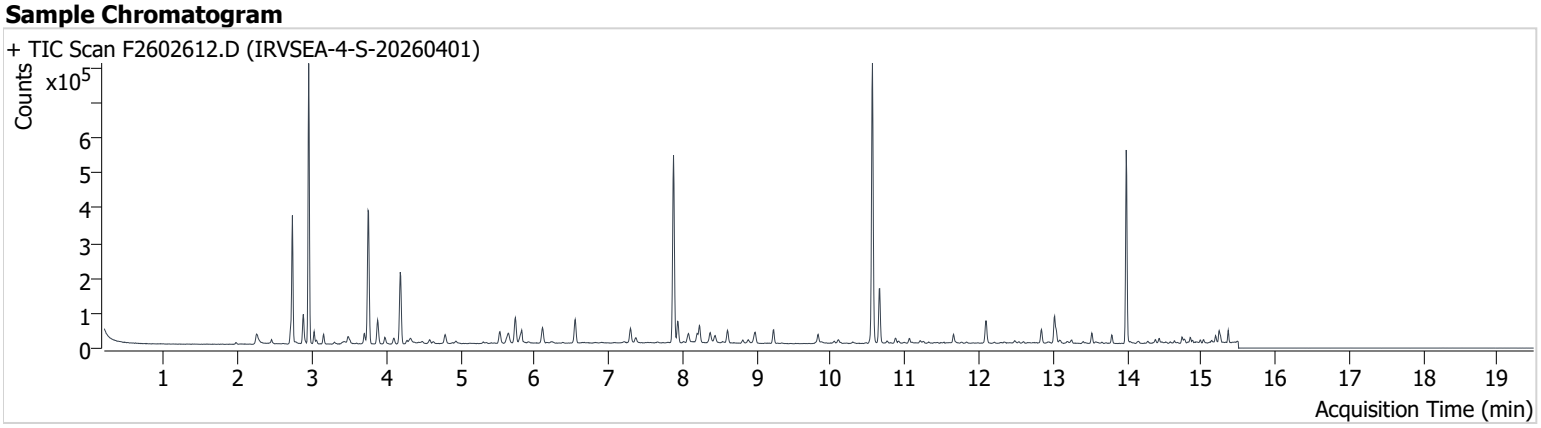
o-Xylene


+ EIC (91.1) Scan F2602611.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.585 min, 16 scans) F2602611.D
Counts
x10^3
Lib Match Score=59.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.0
73.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

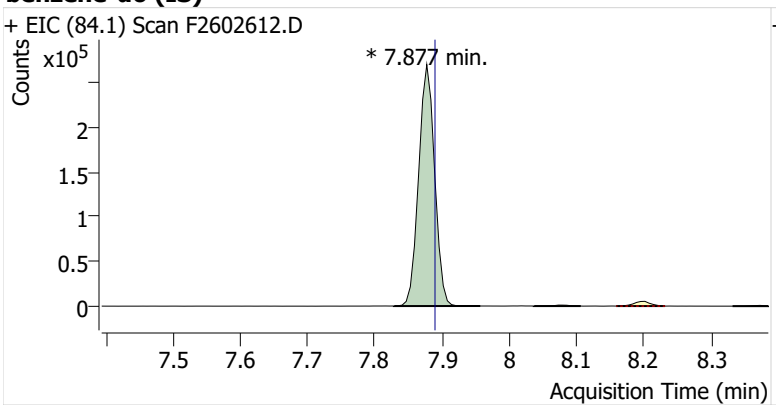
Name	IRVSEA-4-S-20260401
Comment	C69465
Data File	F2602612.D
Acq. Date-Time	4/16/2026 4:31:00 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

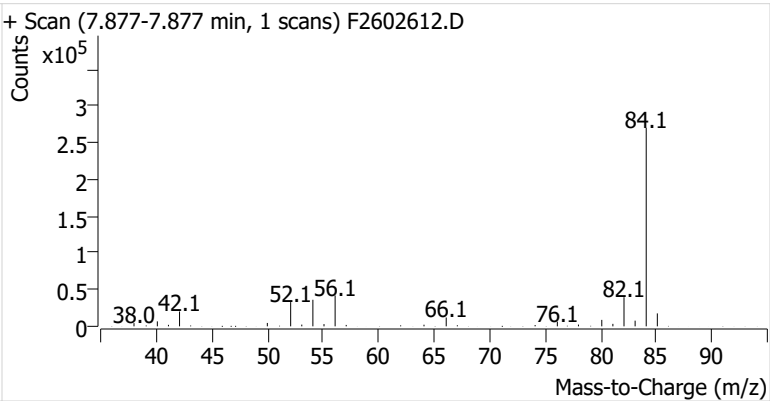
Sample Chromatogram



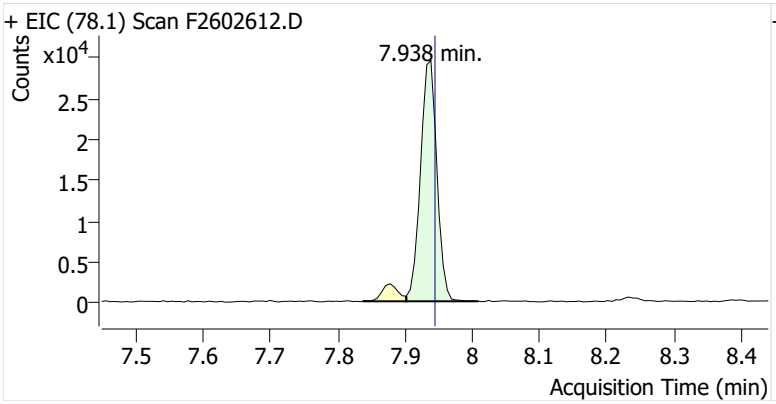
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	445,809	m
Benzene	benzene-d6 (IS)	7.938	7.945	49,909	
Toluene-d8 (IS)		10.563	10.569	464,531	
Toluene	Toluene-d8 (IS)	10.661	10.667	96,460	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	23,059	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	58,593	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	15,992	

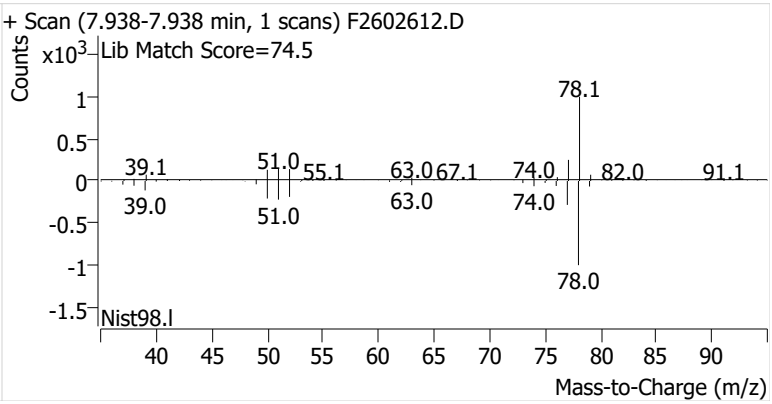
benzene-d6 (IS)



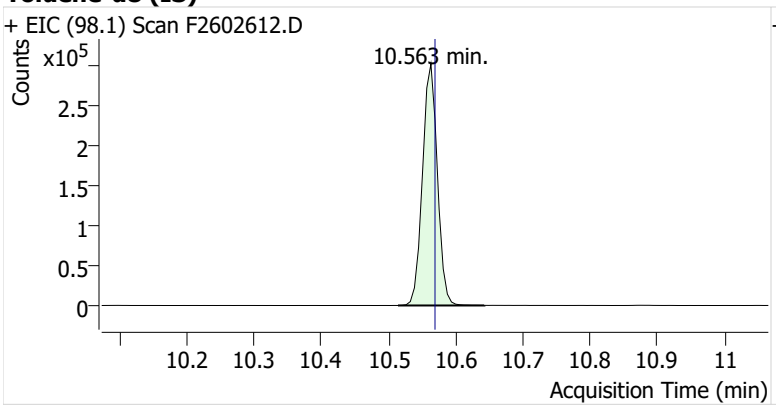


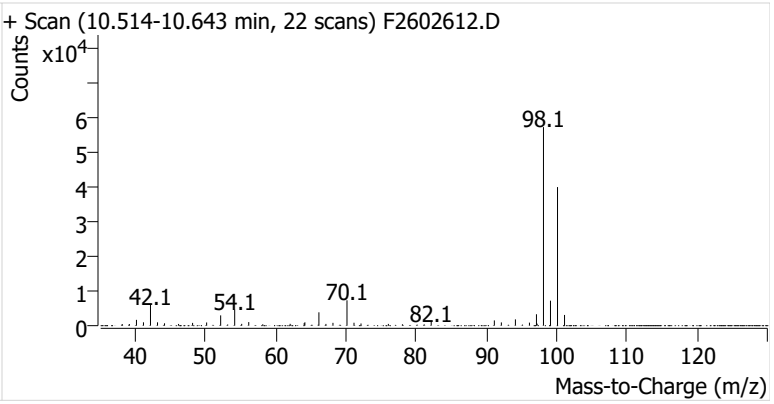
Benzene



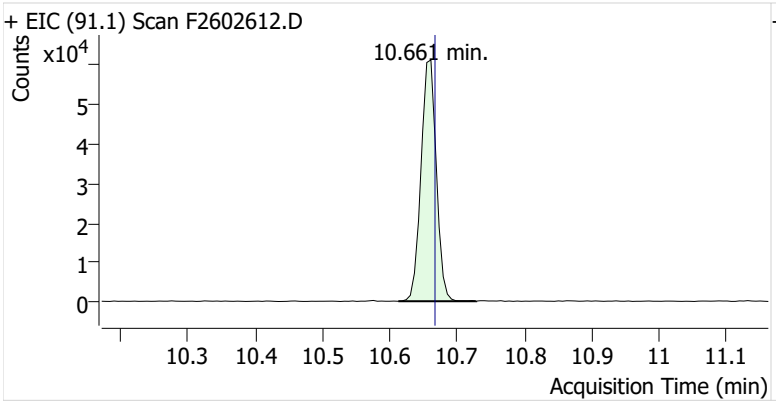


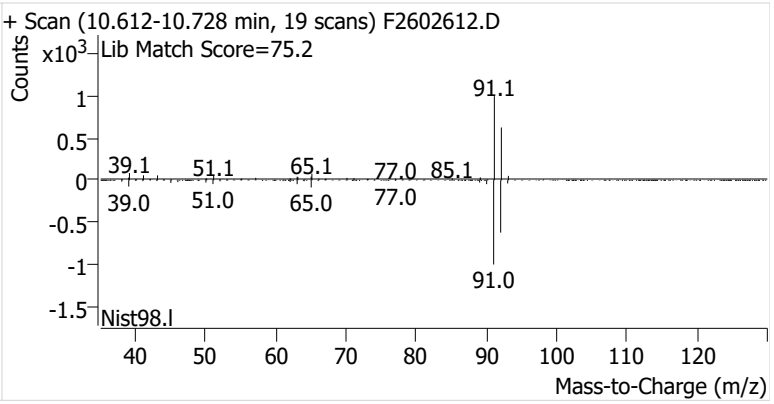
Toluene-d8 (IS)



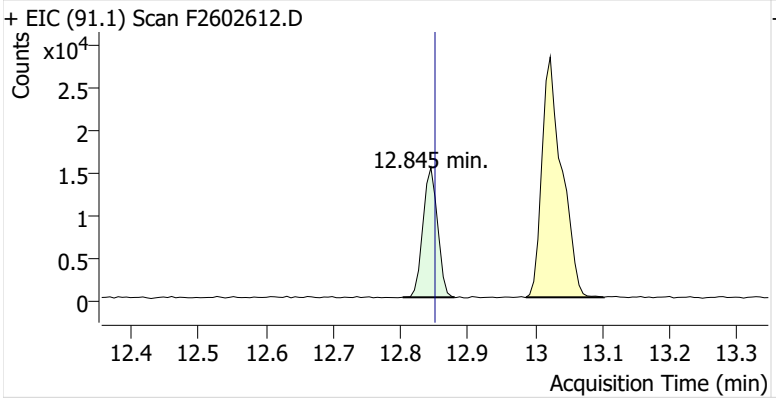


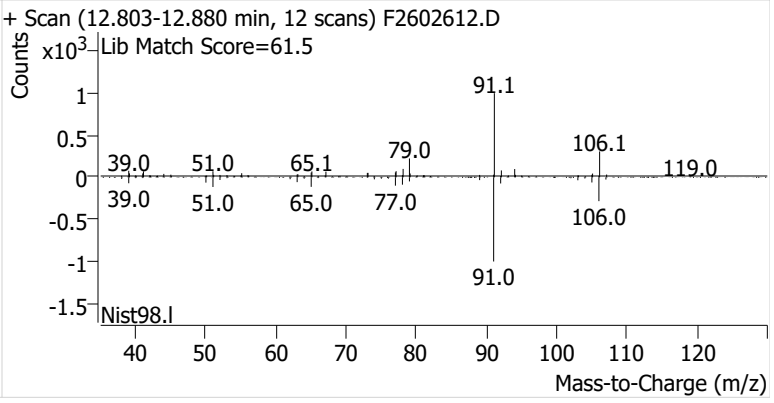
Toluene



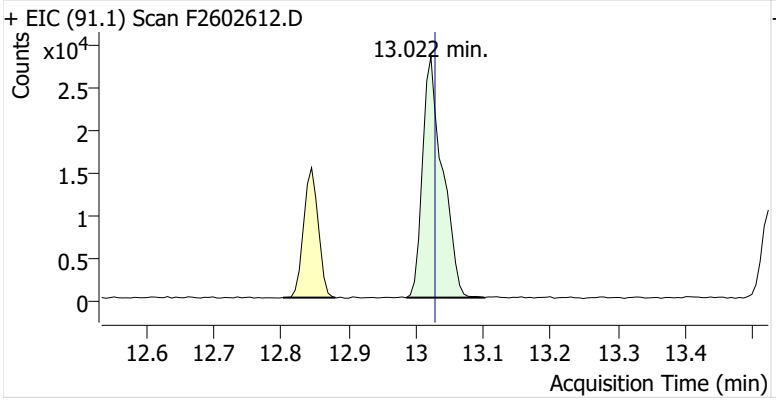


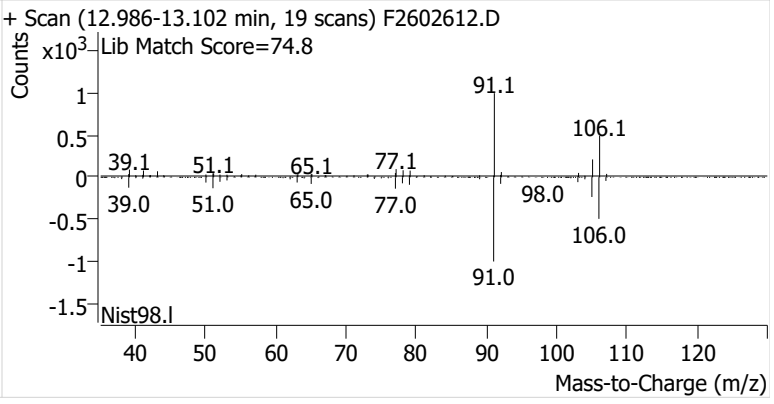
Ethylbenzene



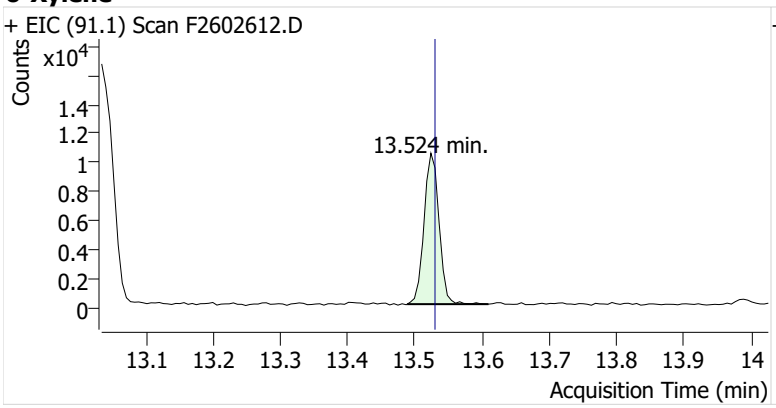


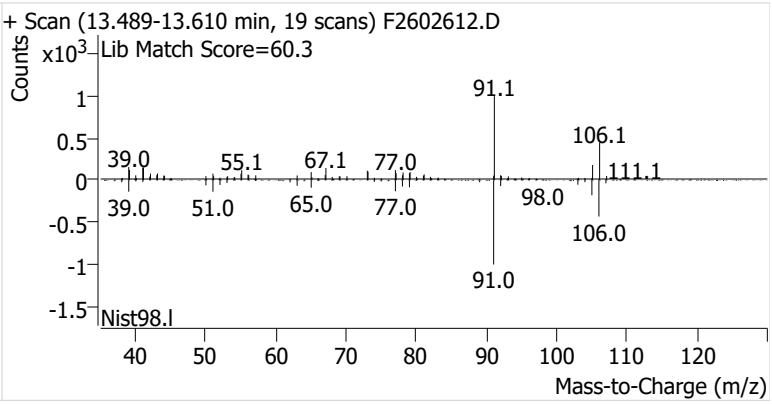
m-/p-Xylenes





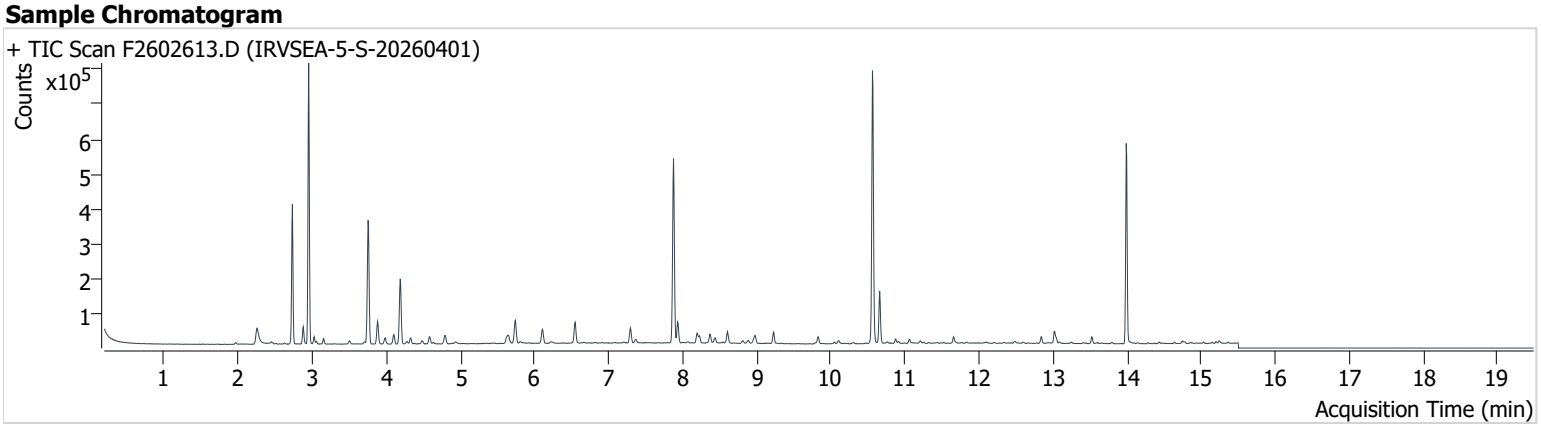
o-Xylene


+ EIC (91.1) Scan F2602612.D
Counts
x10^4
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.610 min, 19 scans) F2602612.D
Counts
x10^3
Lib Match Score=60.3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.0
55.1
67.1
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

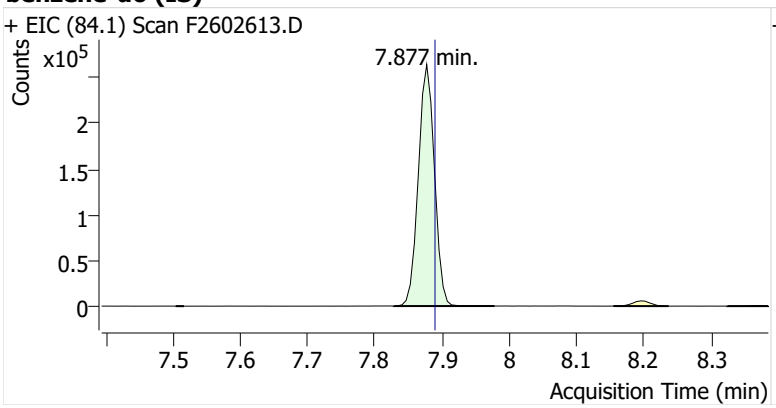
Name	IRVSEA-5-S-20260401
Comment	C24210
Data File	F2602613.D
Acq. Date-Time	4/16/2026 4:56:24 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

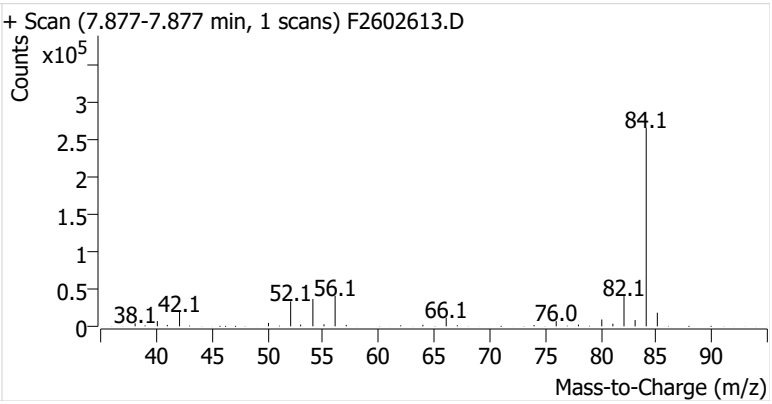
Sample Chromatogram



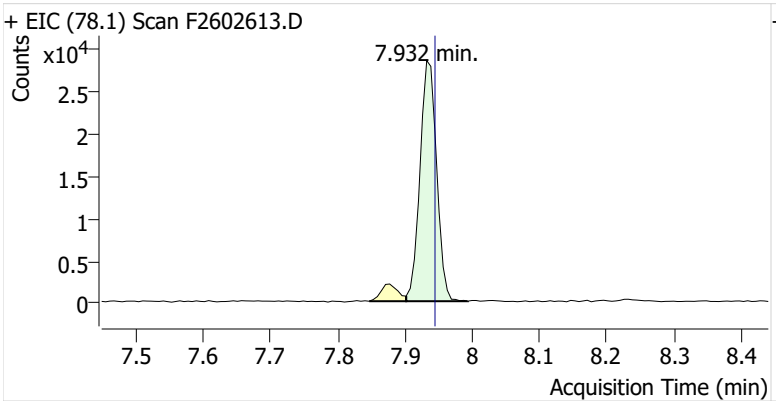
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	439,528	
Benzene	benzene-d6 (IS)	7.932	7.945	49,006	
Toluene-d8 (IS)		10.563	10.569	457,164	
Toluene	Toluene-d8 (IS)	10.661	10.667	87,816	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	12,376	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	26,126	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	10,482	

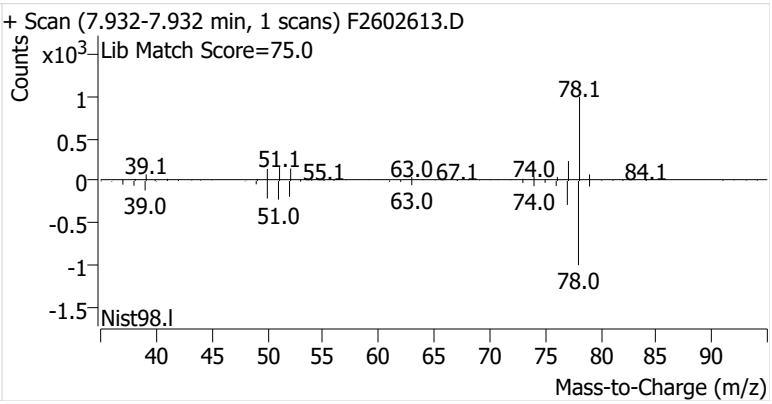
benzene-d6 (IS)



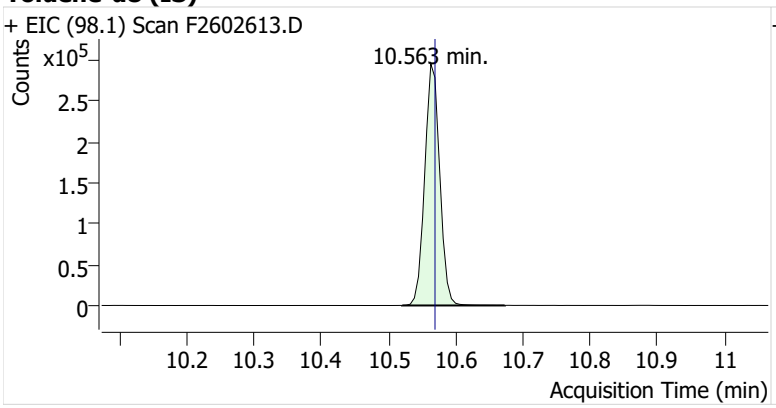


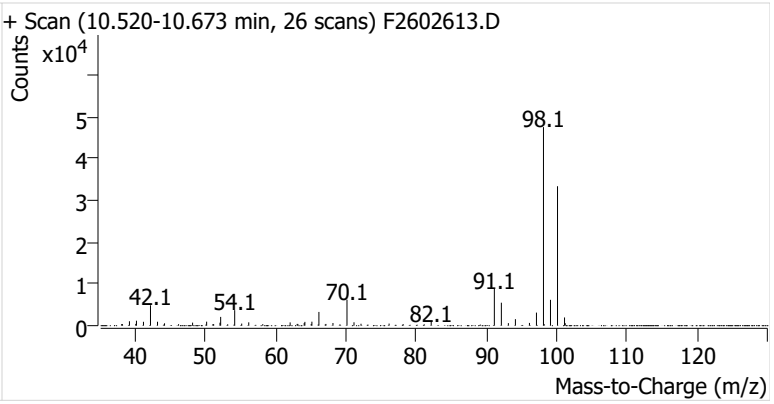
Benzene



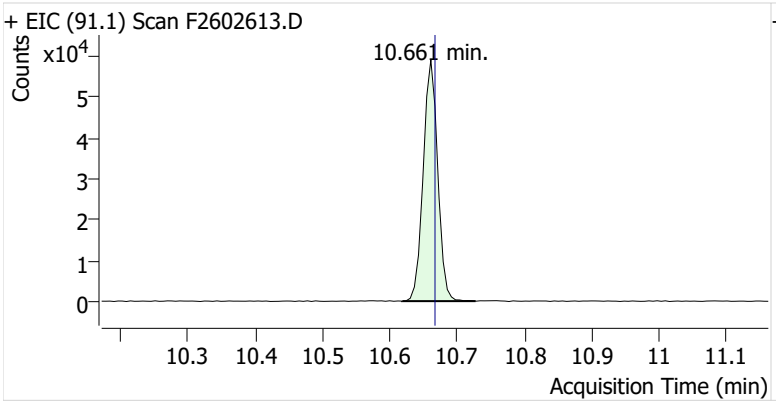


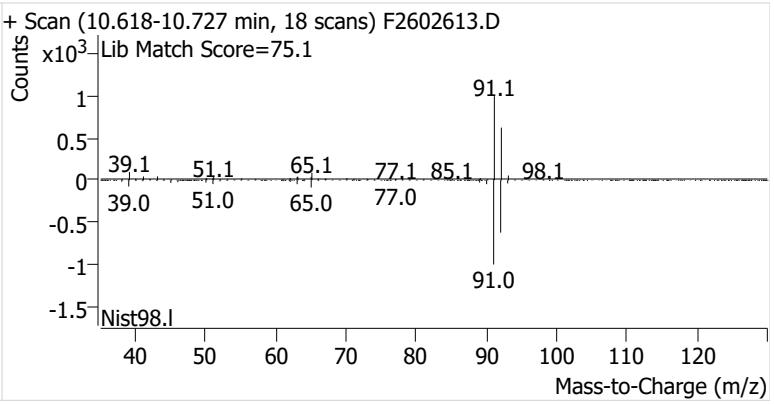
Toluene-d8 (IS)



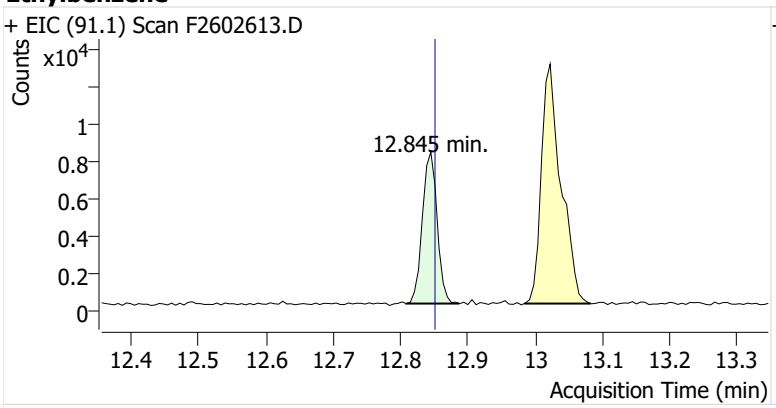


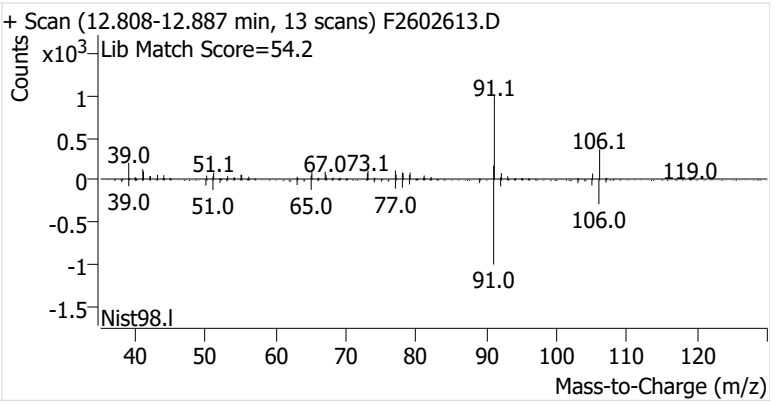
Toluene



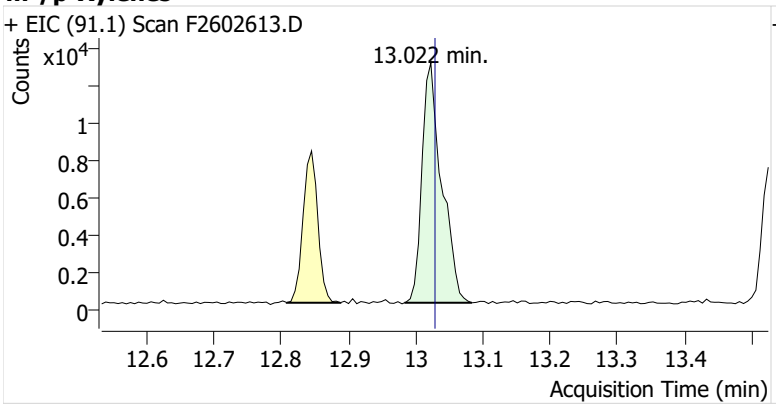


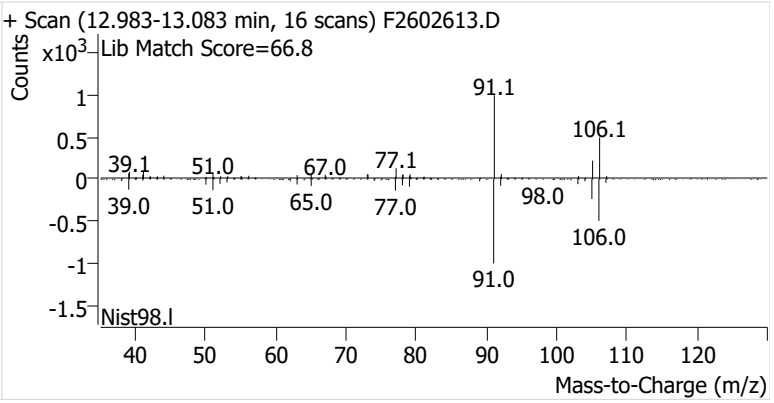
Ethylbenzene



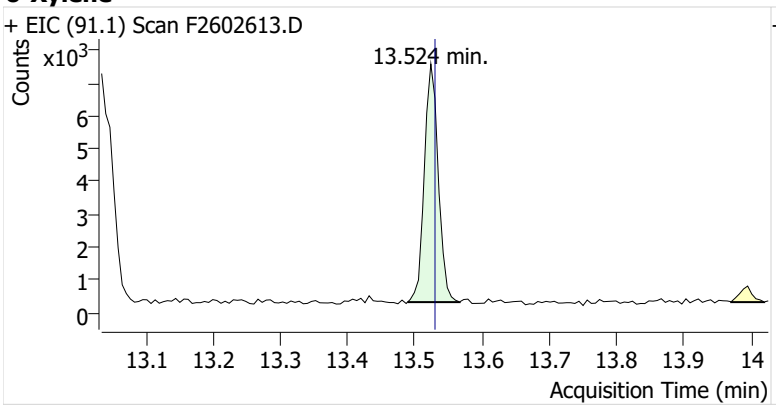


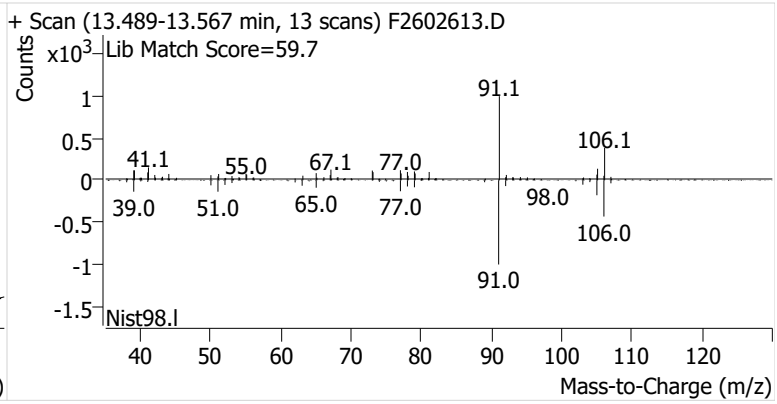
m-/p-Xylenes





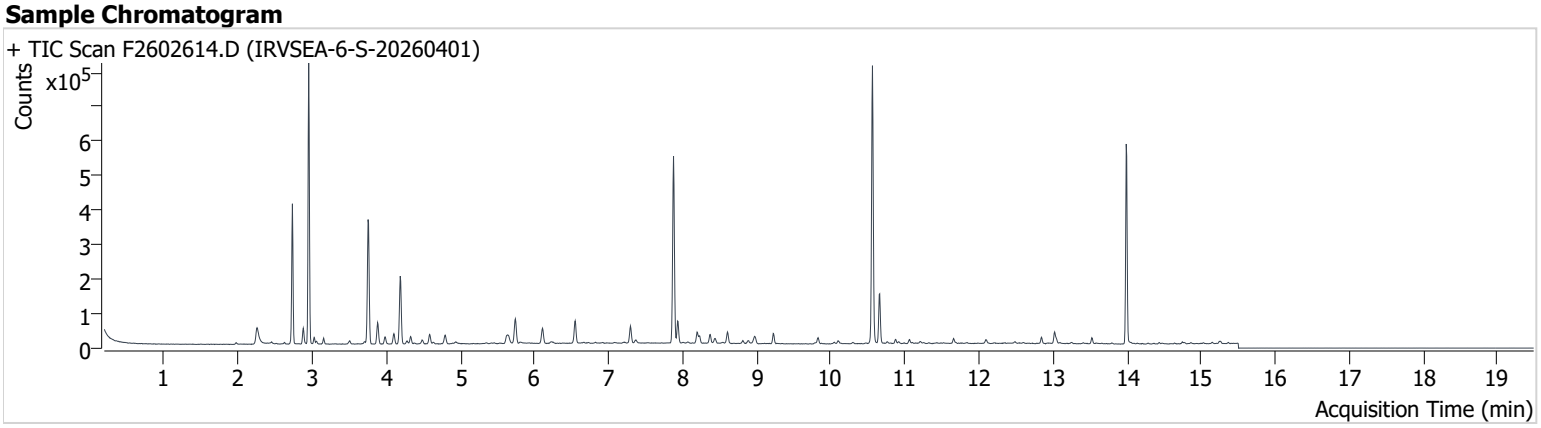
o-Xylene


+ EIC (91.1) Scan F2602613.D
Counts
x10^3
13.524 min.
6
5
4
3
2
1
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.489-13.567 min, 13 scans) F2602613.D
Counts
x10^3
Lib Match Score=59.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.0
67.1
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

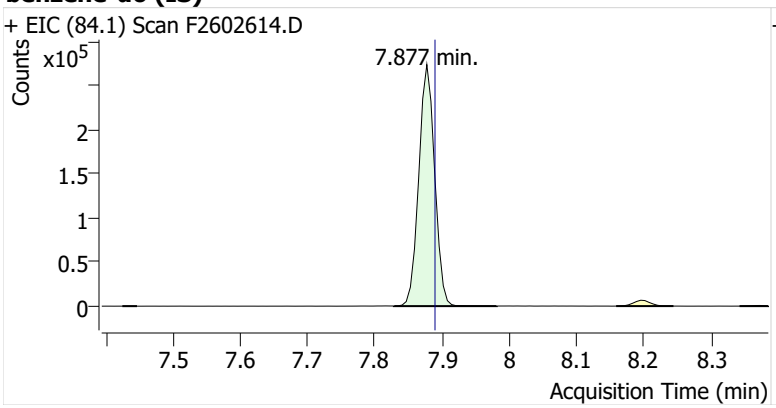
Name	IRVSEA-6-S-20260401
Comment	B50713
Data File	F2602614.D
Acq. Date-Time	4/16/2026 5:22:33 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

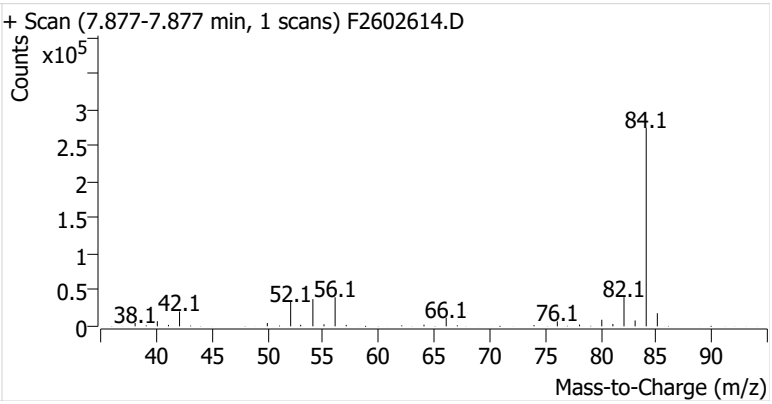
Sample Chromatogram



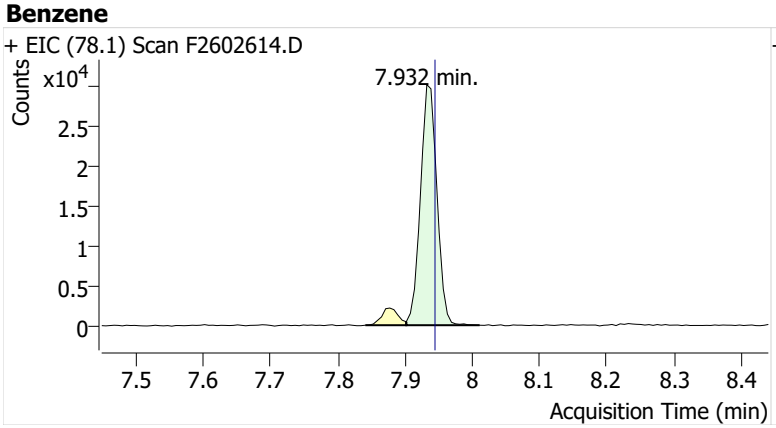
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	449,913	
Benzene	benzene-d6 (IS)	7.932	7.945	51,047	
Toluene-d8 (IS)		10.563	10.569	467,790	
Toluene	Toluene-d8 (IS)	10.661	10.667	90,625	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	11,743	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	24,618	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	9,609	

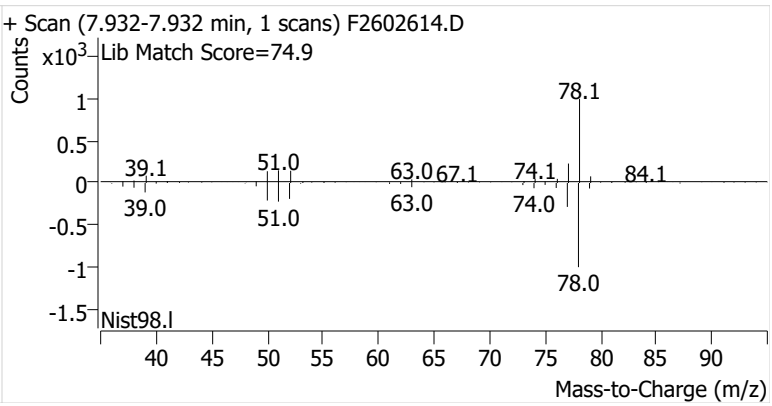
benzene-d6 (IS)



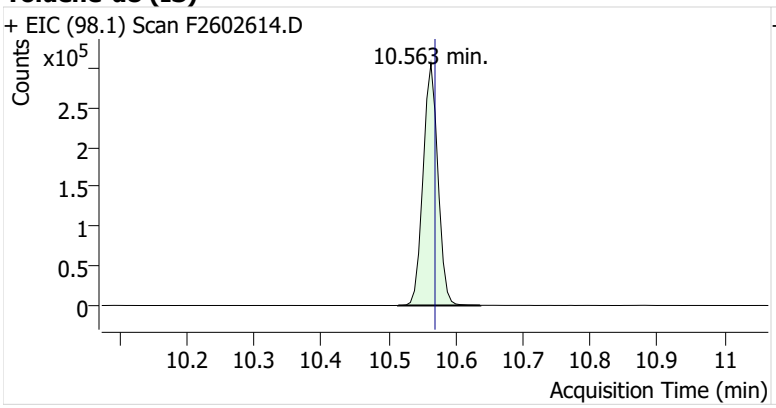


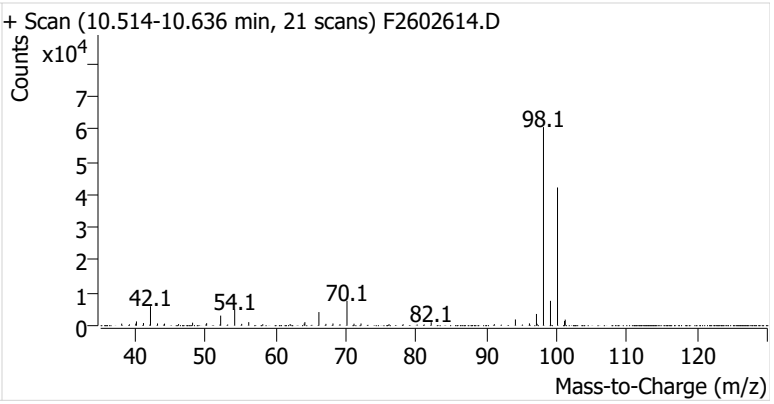
Benzene



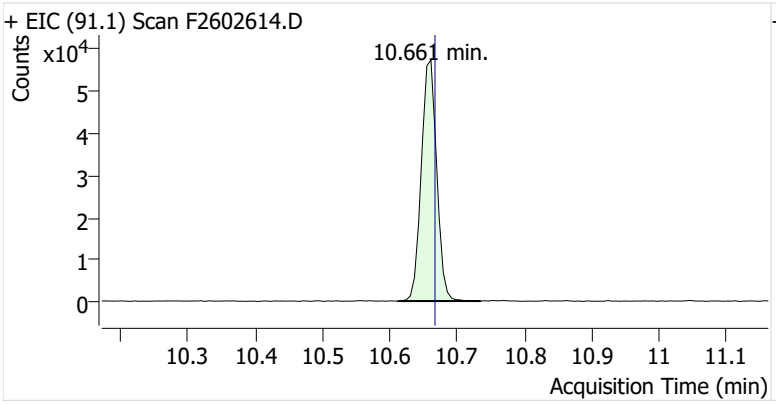


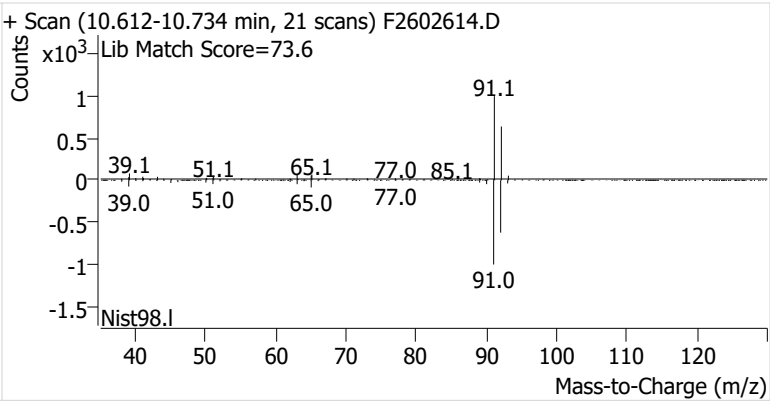
Toluene-d8 (IS)



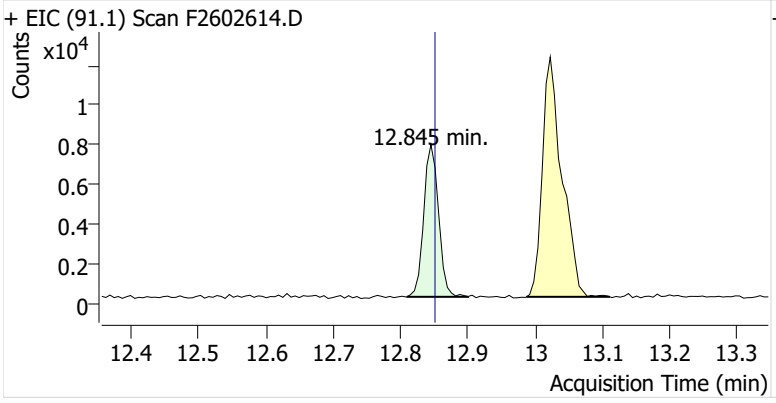


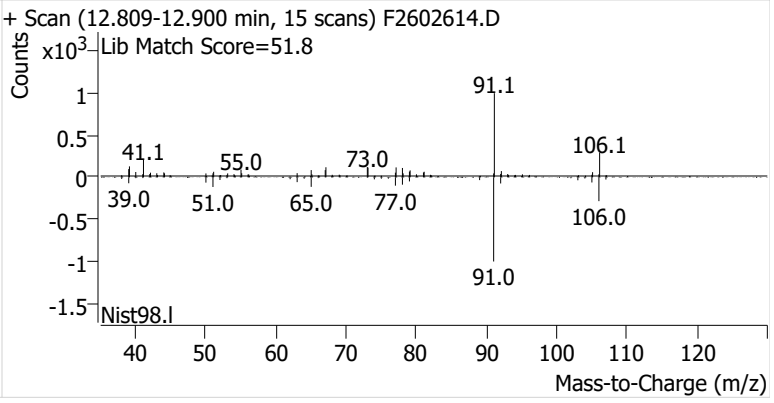
Toluene



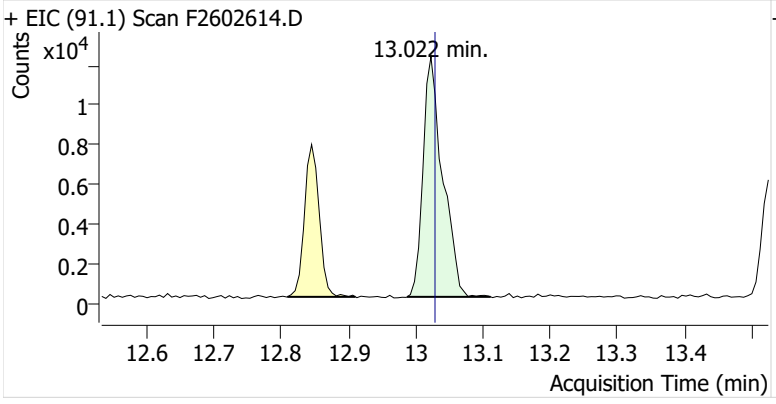


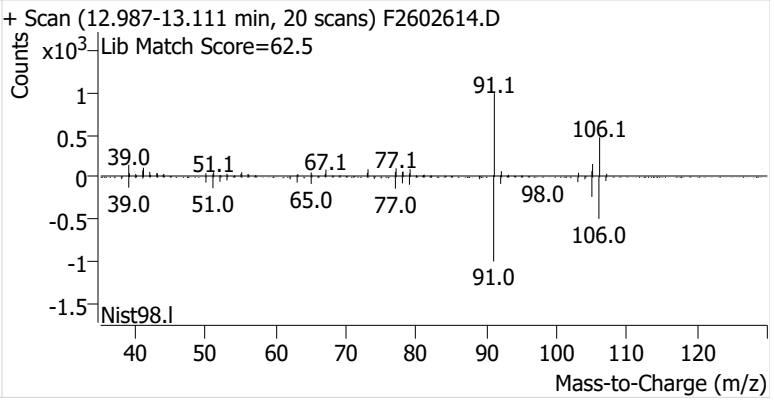
Ethylbenzene



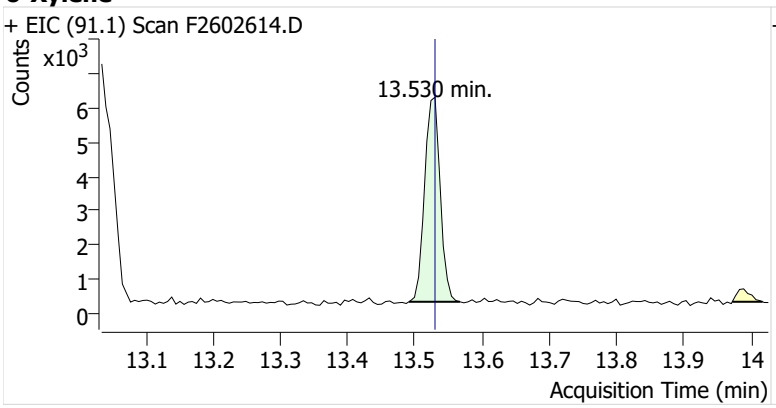


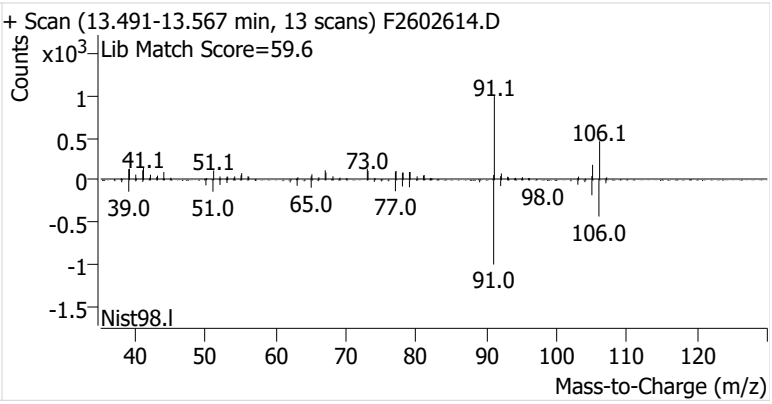
m-/p-Xylenes





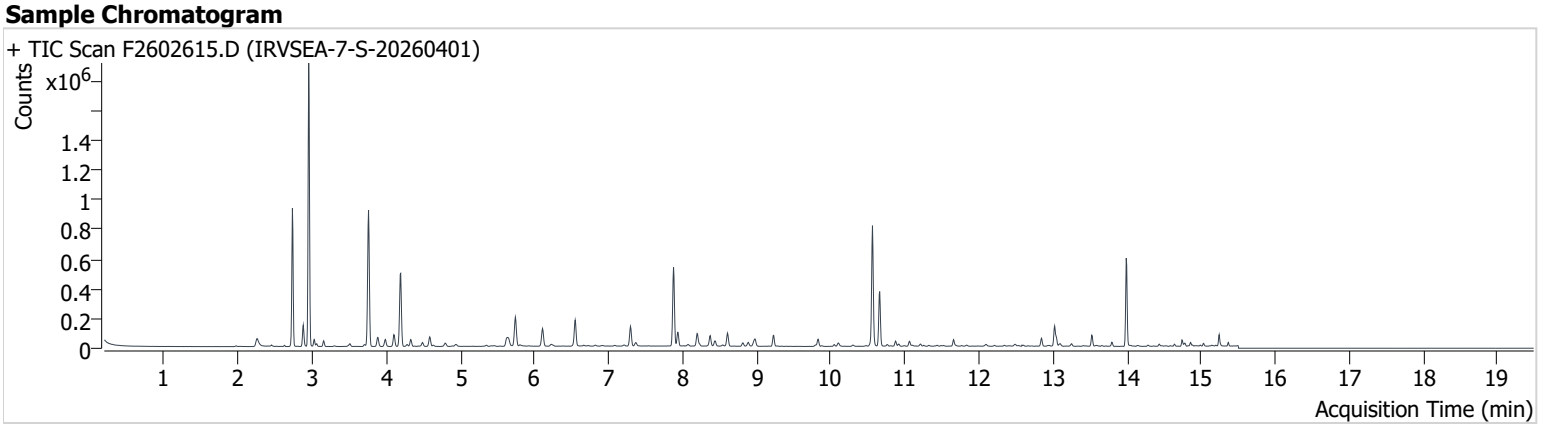
o-Xylene


+ EIC (91.1) Scan F2602614.D
Counts
x10^3
13.530 min.
Acquisition Time (min)


+ Scan (13.491-13.567 min, 13 scans) F2602614.D
Lib Match Score=59.6
Counts
x10^3
91.1
106.1
41.1
51.1
73.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

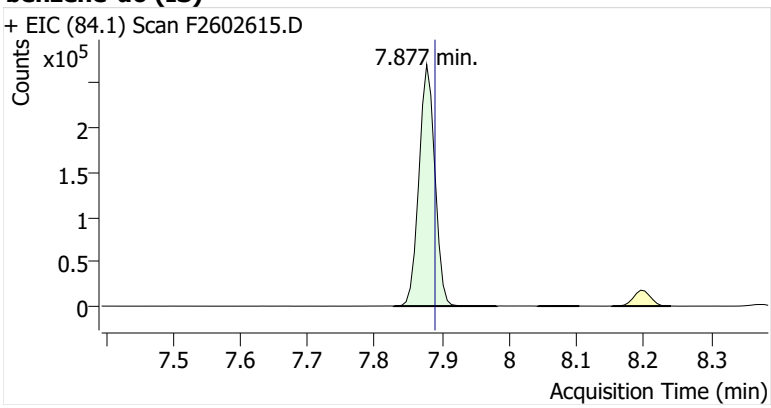
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Comment	C57122
Data File	F2602615.D
Acq. Date-Time	4/16/2026 5:47:54 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

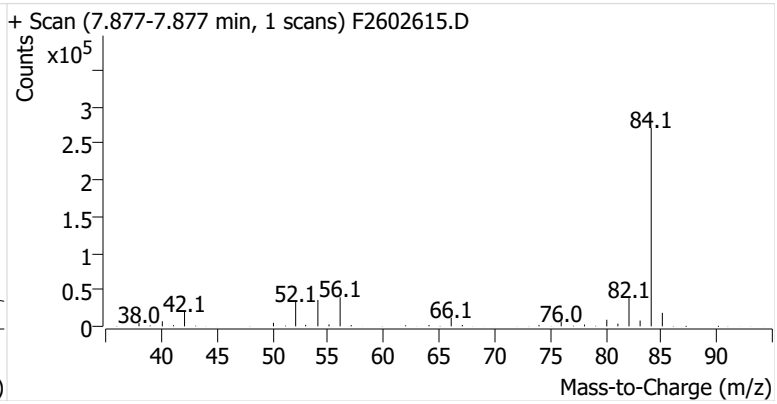
Sample Chromatogram



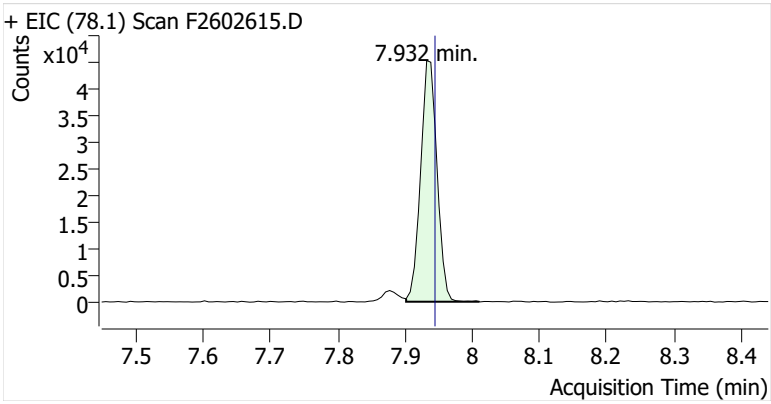
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	444,362	
Benzene	benzene-d6 (IS)	7.932	7.945	76,906	
Toluene-d8 (IS)		10.563	10.569	466,907	
Toluene	Toluene-d8 (IS)	10.661	10.667	231,647	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	34,964	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	100,636	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	40,966	

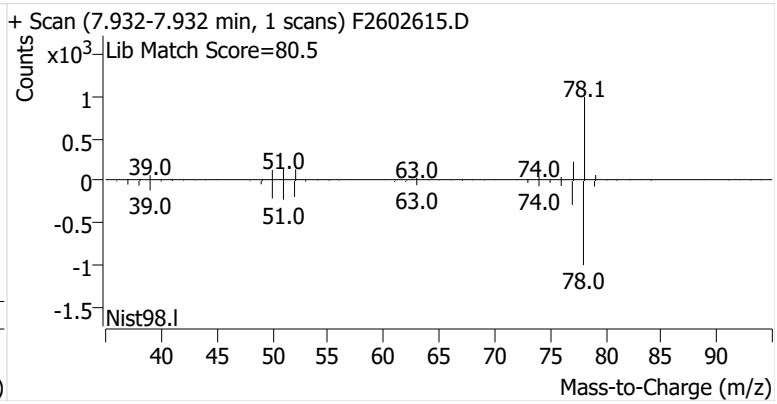
benzene-d6 (IS)



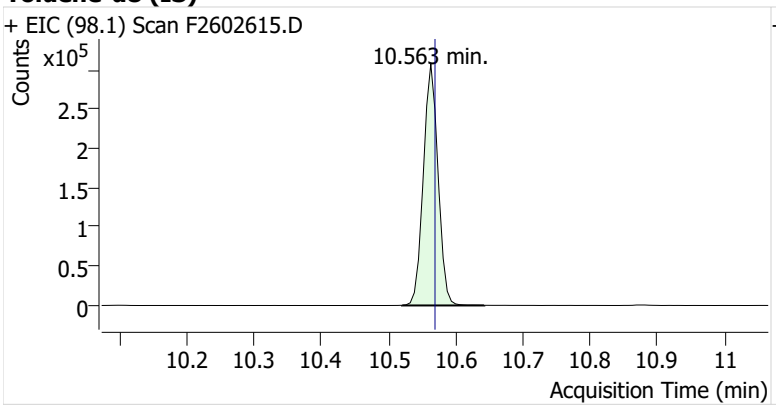


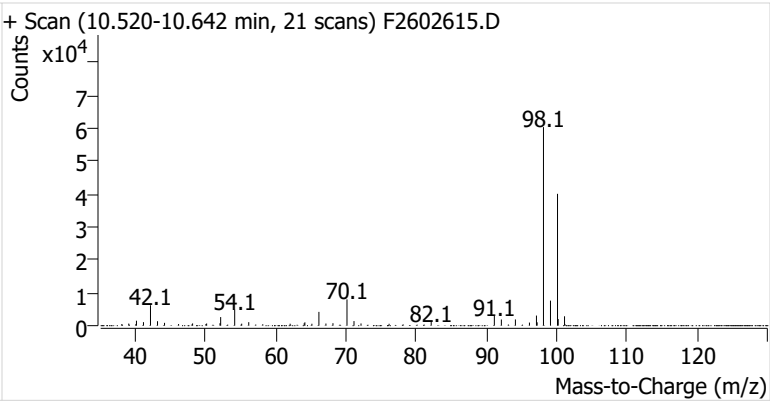
Benzene



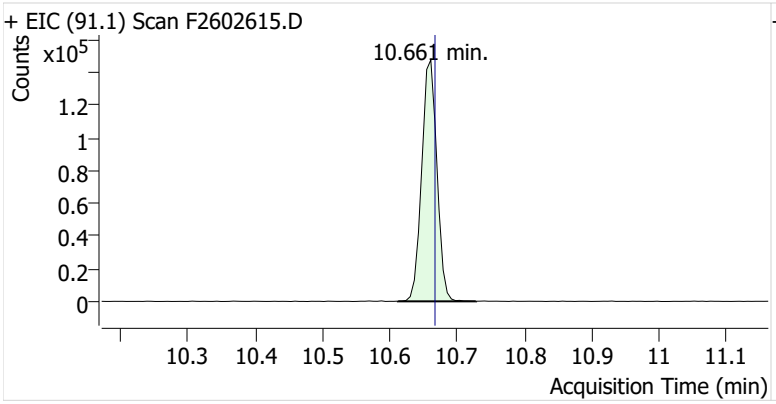


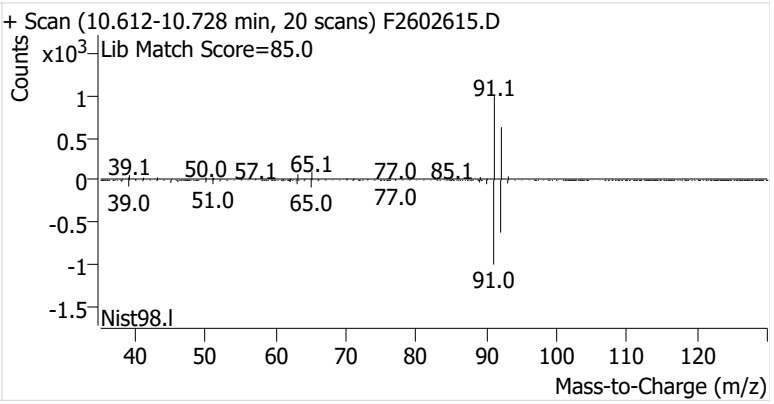
Toluene-d8 (IS)



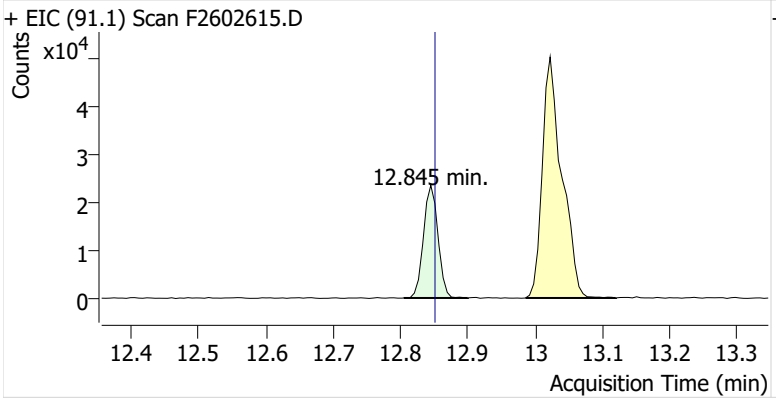


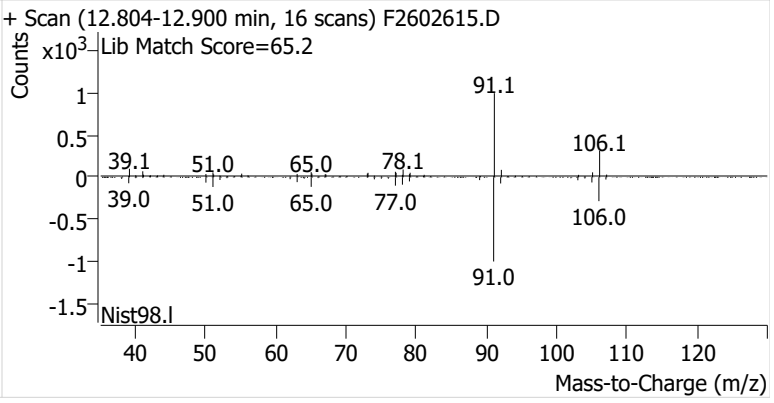
Toluene



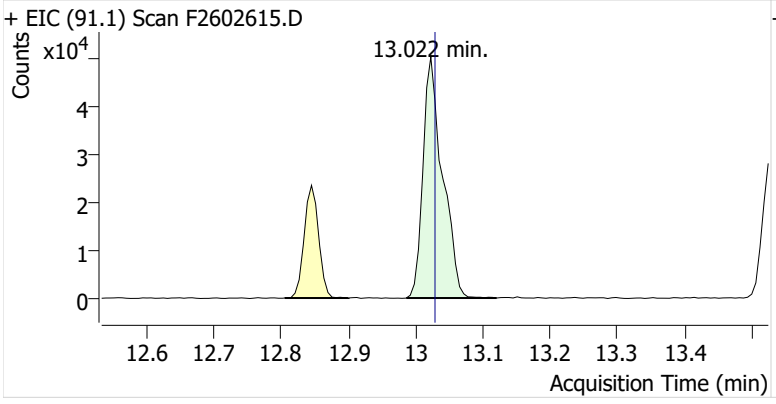


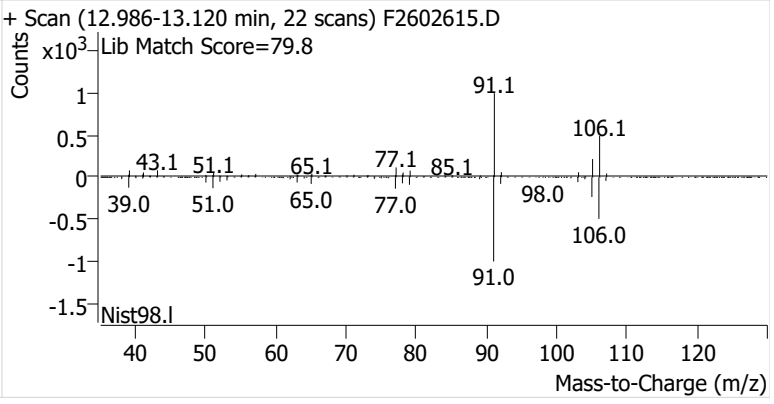
Ethylbenzene



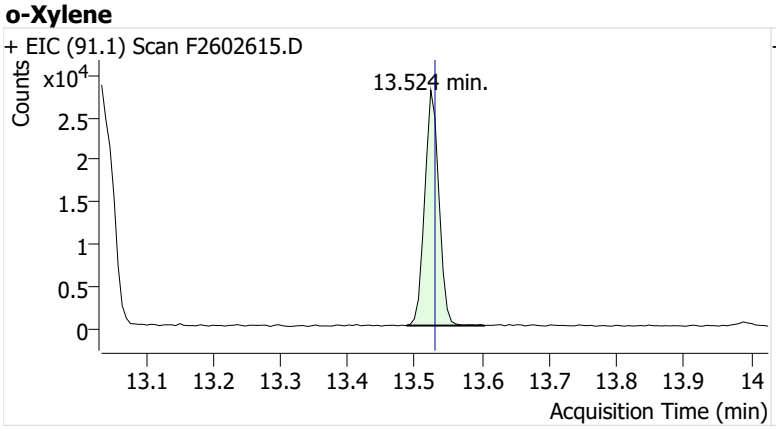


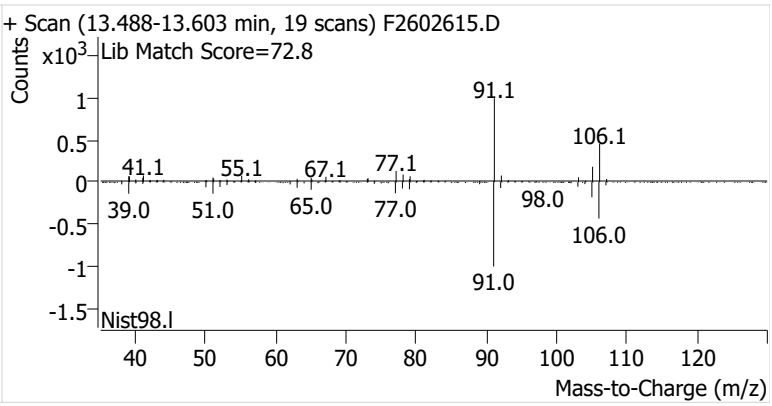
m-/p-Xylenes





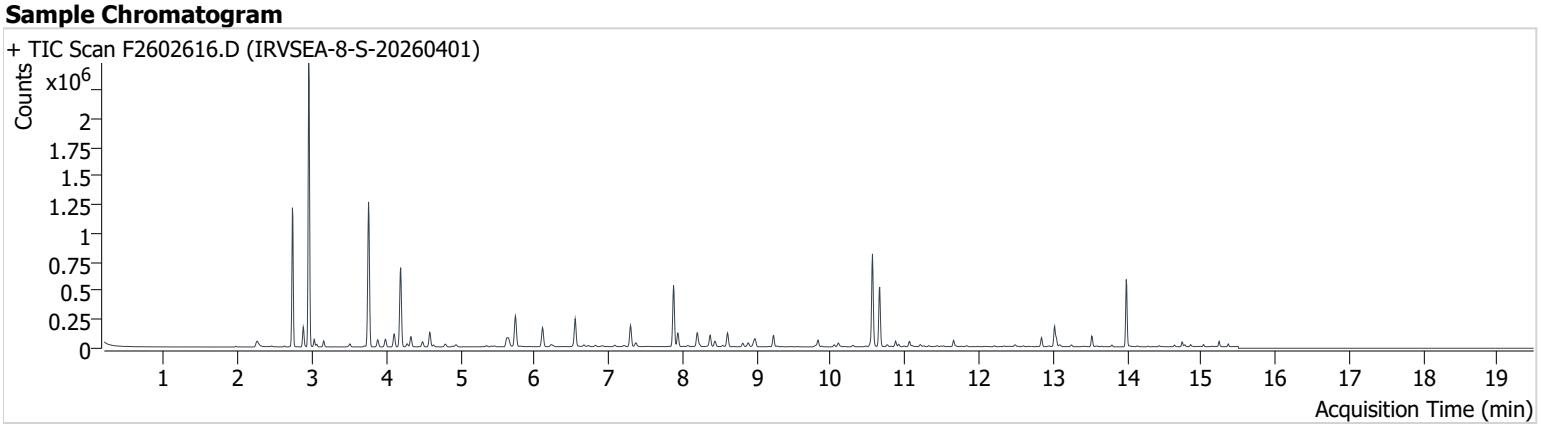
o-Xylene


+ EIC (91.1) Scan F2602615.D
Counts
x10^4
13.524 min.
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.603 min, 19 scans) F2602615.D
Counts
x10^3
Lib Match Score=72.8
91.1
106.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

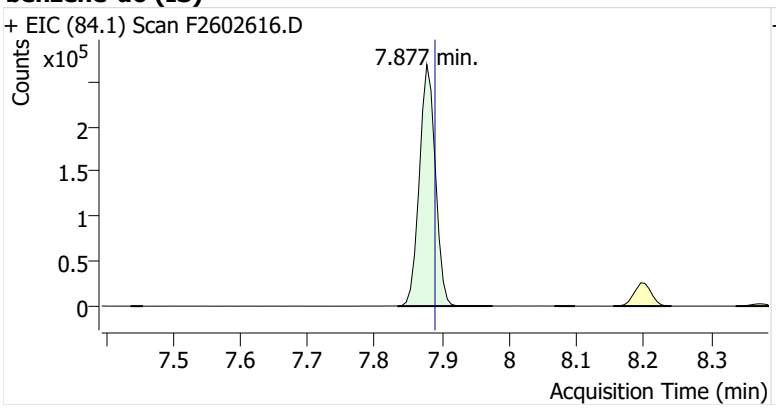
Name	IRVSEA-8-S-20260401
Comment	C39274
Data File	F2602616.D
Acq. Date-Time	4/16/2026 6:13:23 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

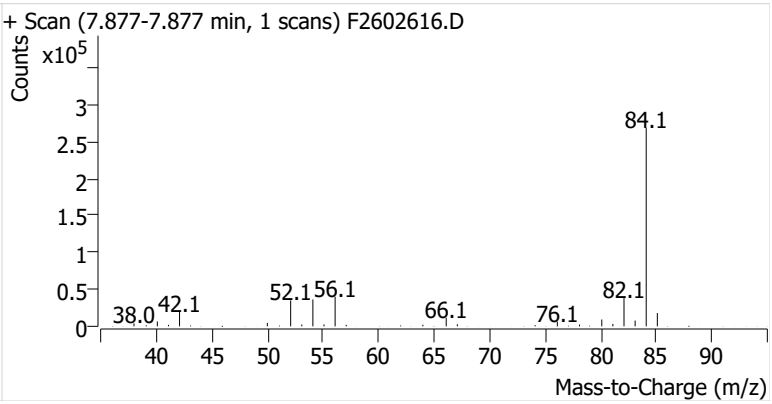
Sample Chromatogram



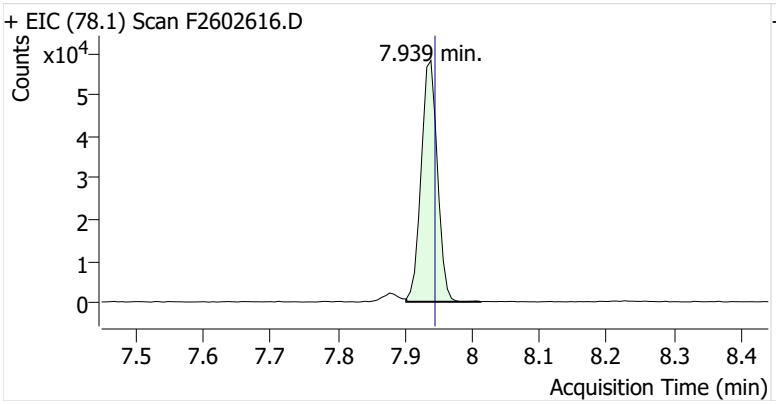
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	444,186	
Benzene	benzene-d6 (IS)	7.939	7.945	97,638	
Toluene-d8 (IS)		10.563	10.569	464,770	
Toluene	Toluene-d8 (IS)	10.661	10.667	320,933	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	50,352	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	131,369	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	52,053	

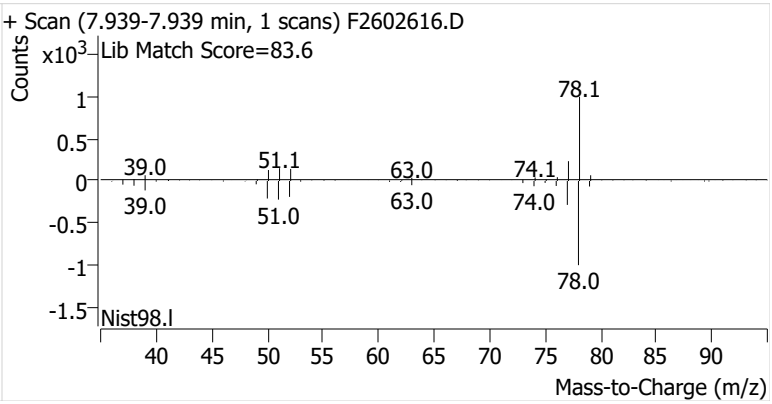
benzene-d6 (IS)



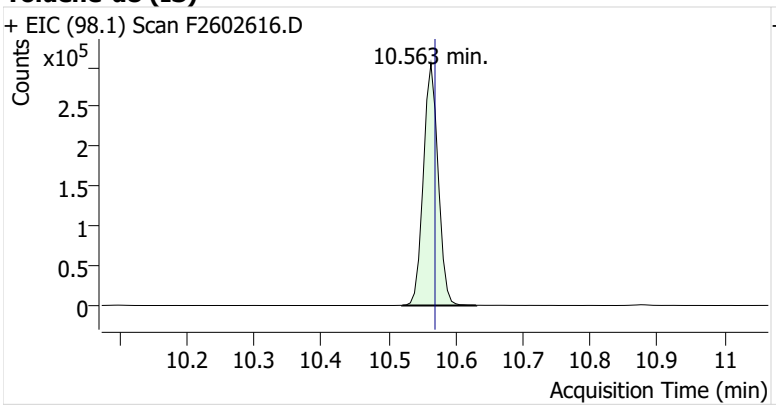


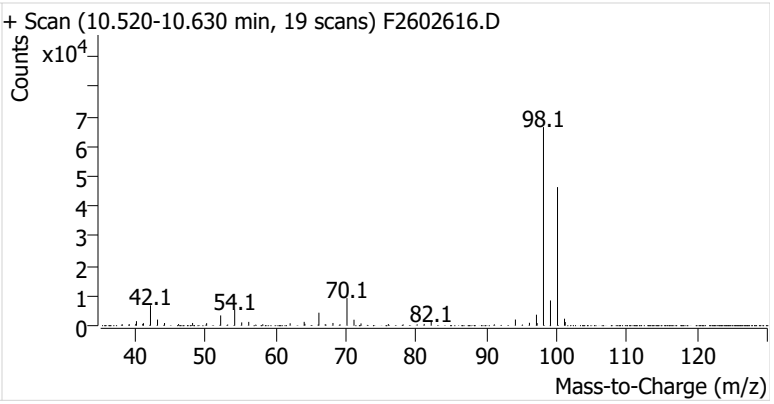
Benzene



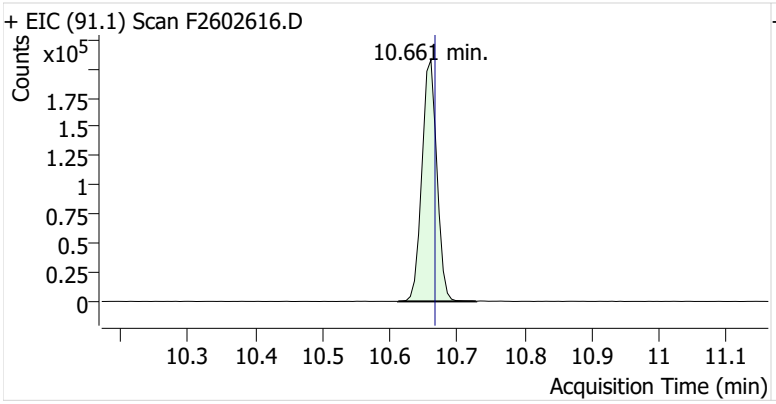


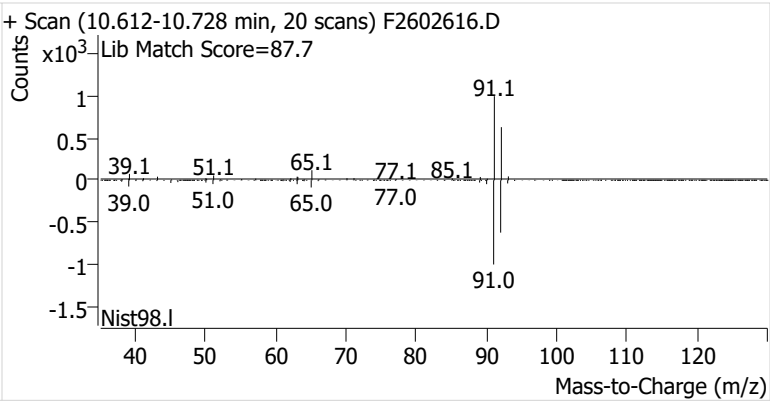
Toluene-d8 (IS)



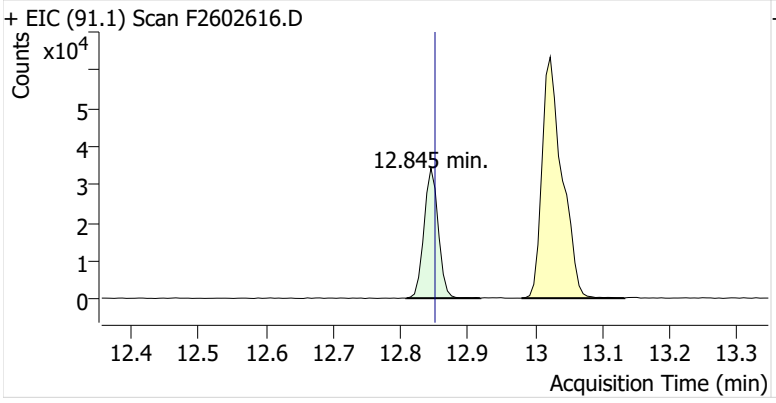


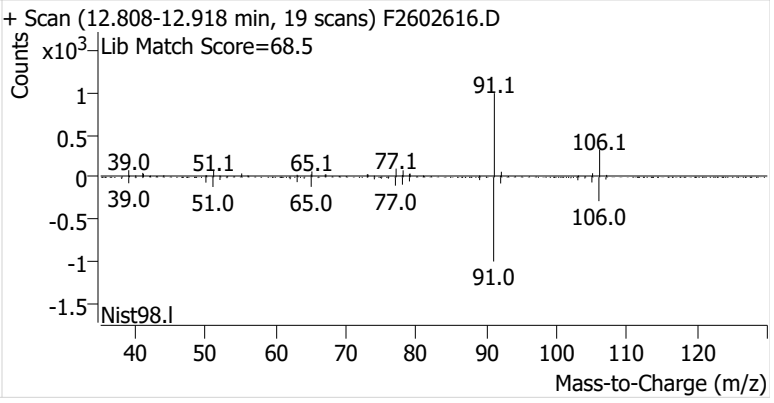
Toluene



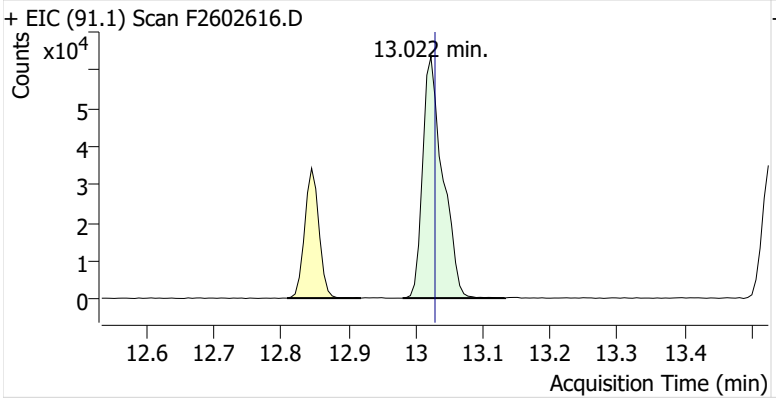


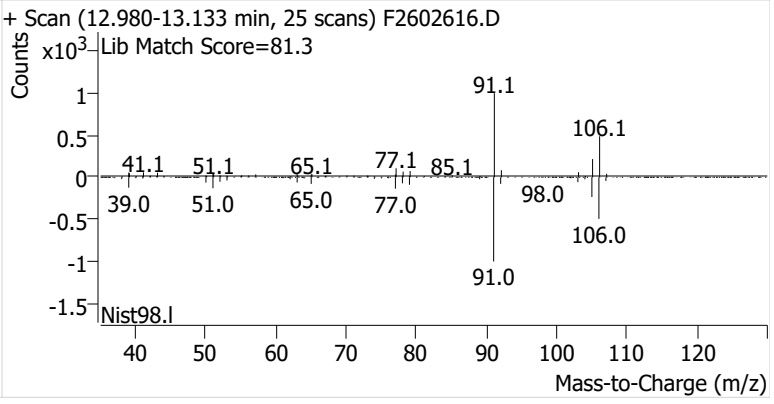
Ethylbenzene



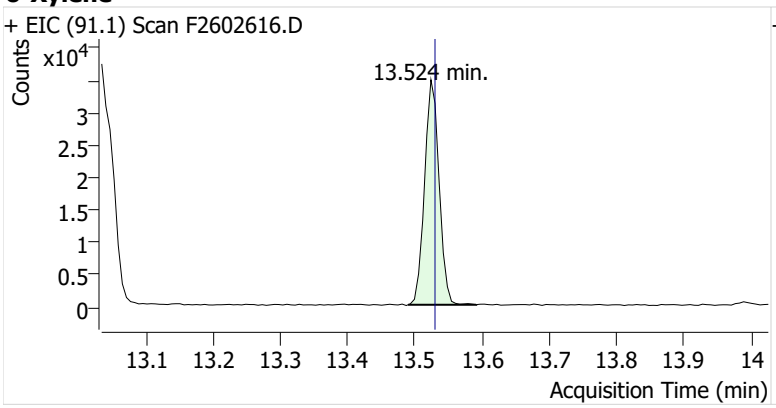


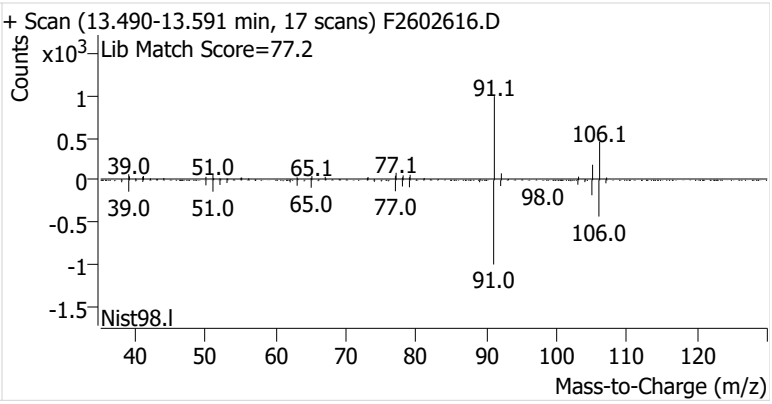
m-/p-Xylenes





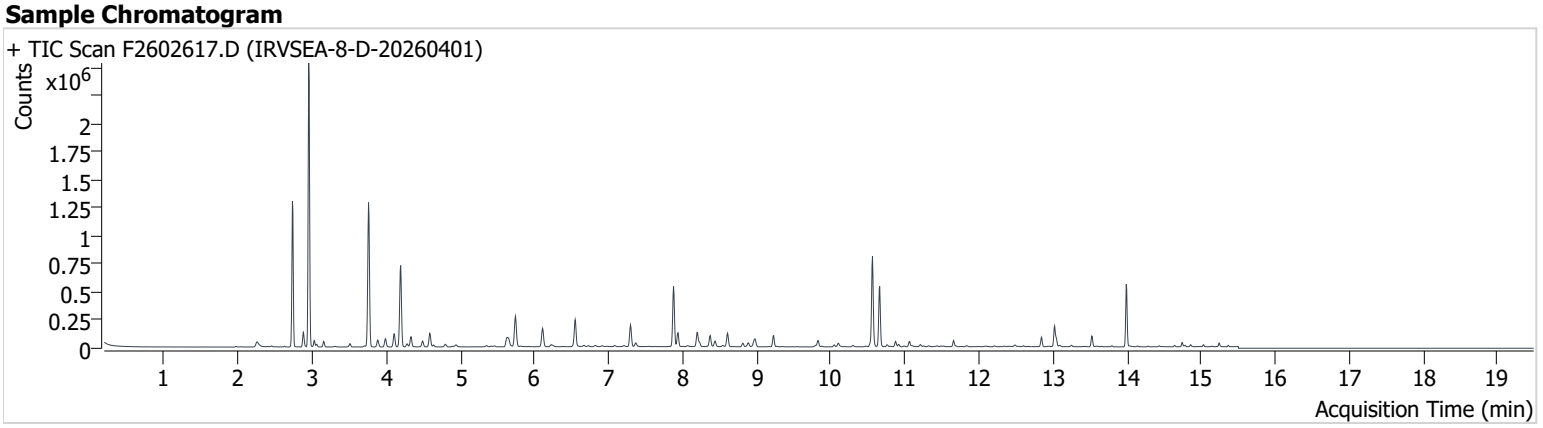
o-Xylene


+ EIC (91.1) Scan F2602616.D
Counts
x10^4
13.524 min.
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.490-13.591 min, 17 scans) F2602616.D
Counts
x10^3
Lib Match Score=77.2
91.1
106.1
39.0
51.0
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

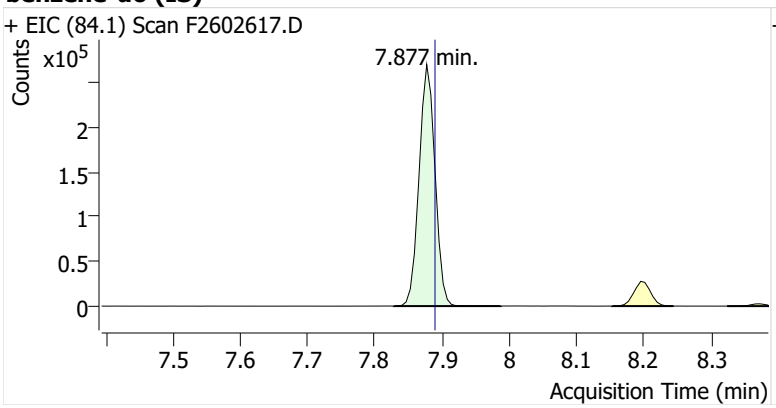
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Comment	B45091
Data File	F2602617.D
Acq. Date-Time	4/16/2026 6:38:39 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

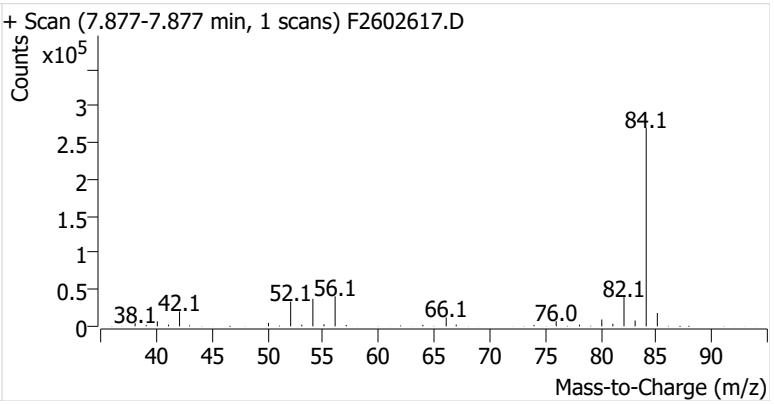
Sample Chromatogram



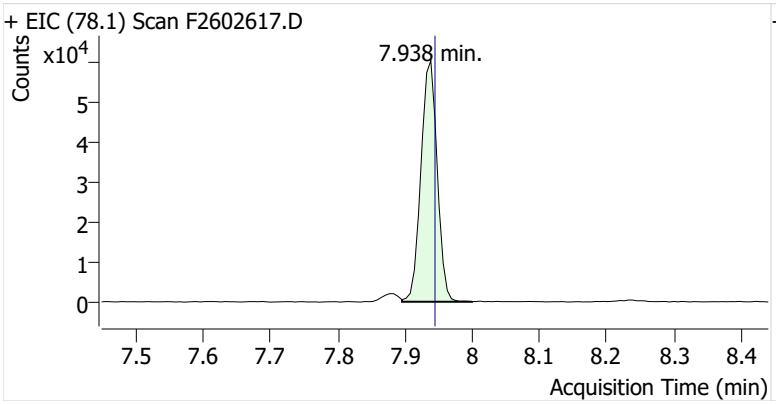
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	445,077	
Benzene	benzene-d6 (IS)	7.938	7.945	100,751	
Toluene-d8 (IS)		10.563	10.569	466,785	
Toluene	Toluene-d8 (IS)	10.661	10.667	331,677	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	54,679	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	134,360	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	53,930	

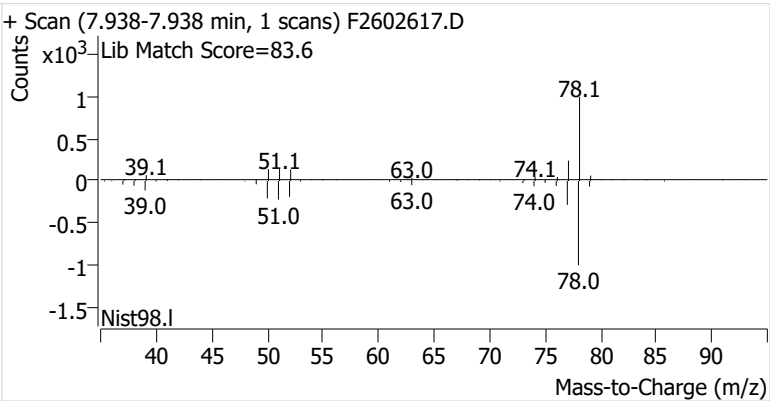
benzene-d6 (IS)



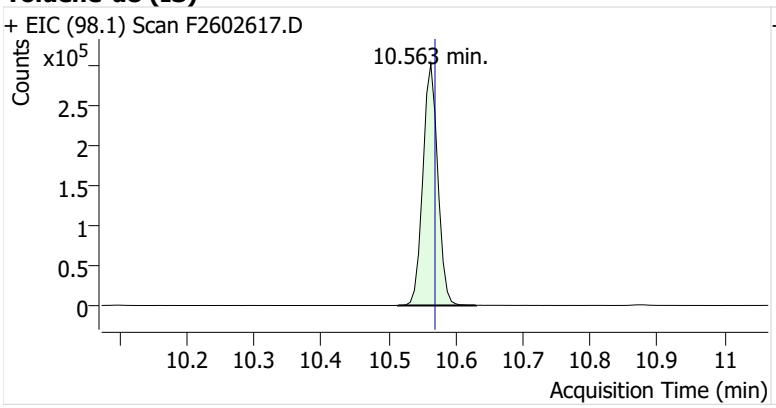


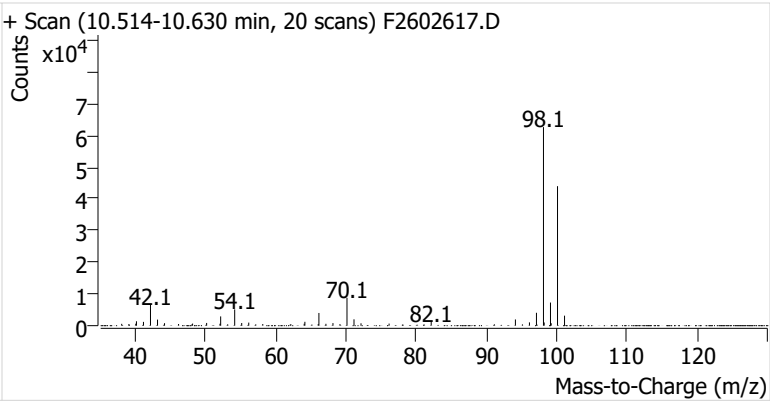
Benzene



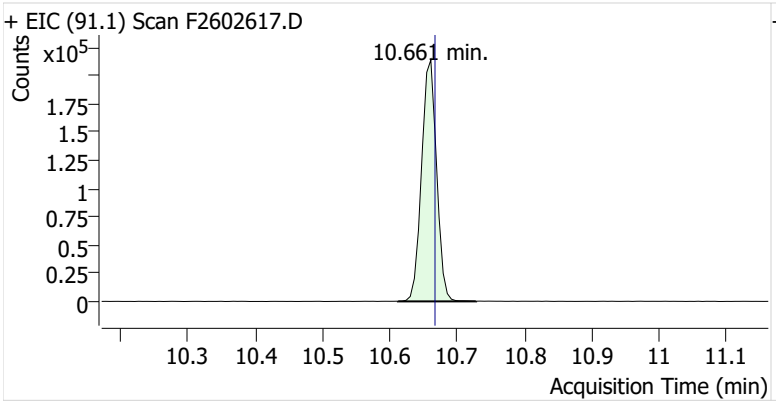


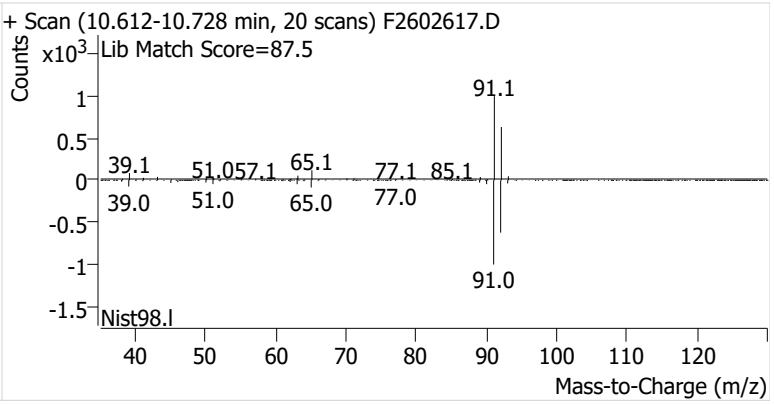
Toluene-d8 (IS)



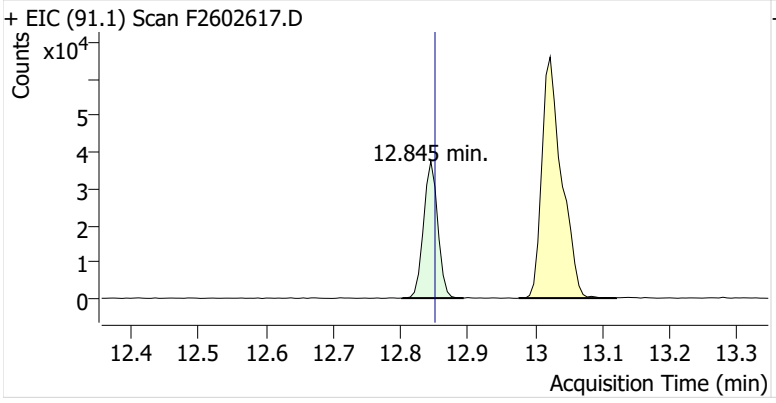


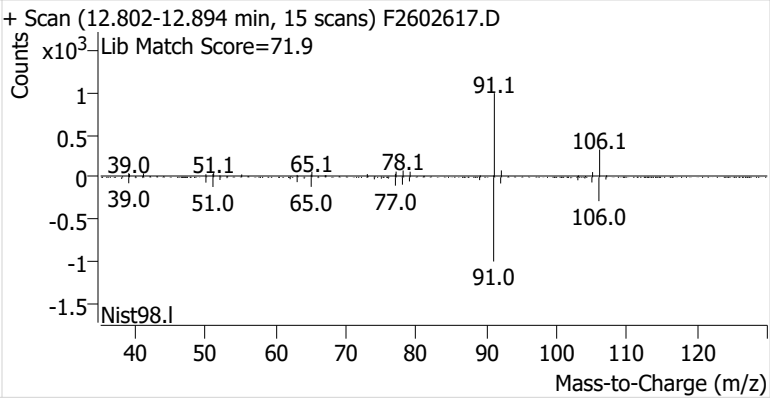
Toluene



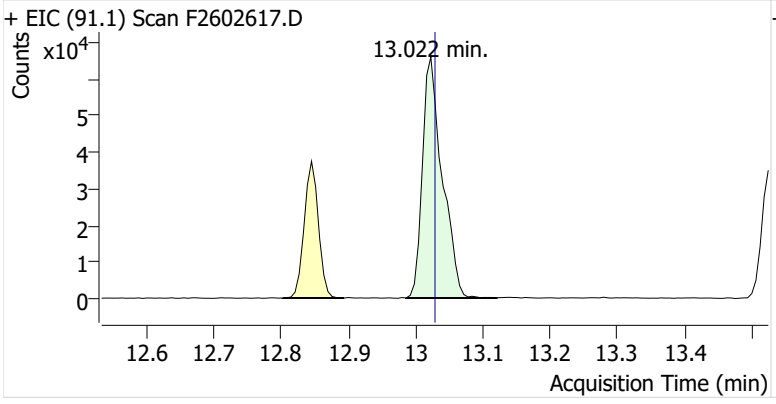


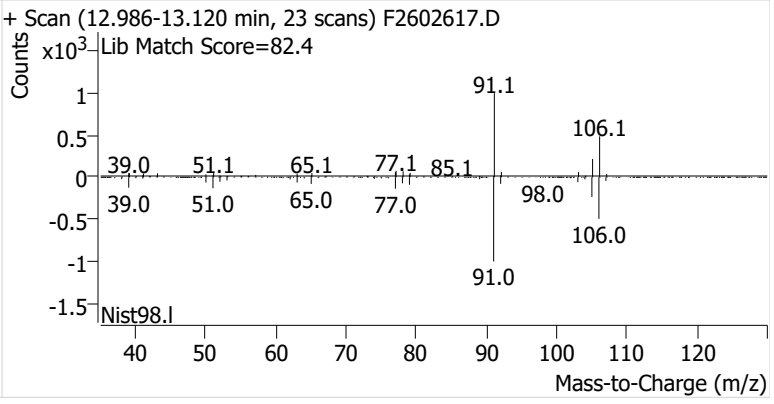
Ethylbenzene



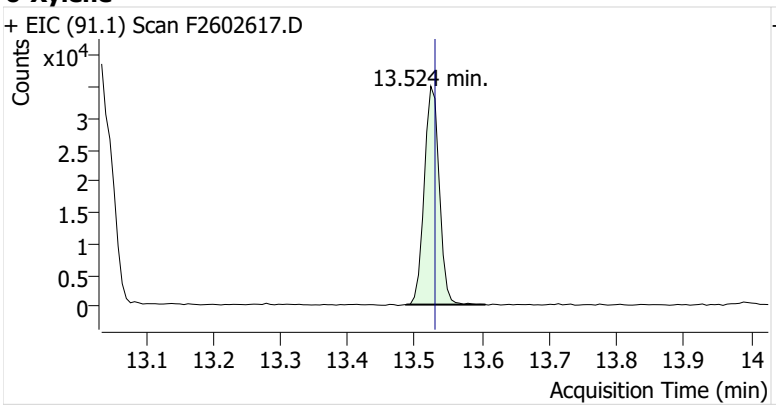


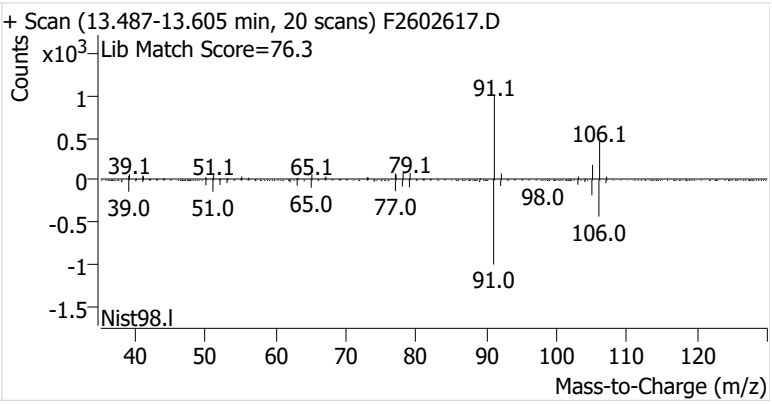
m-/p-Xylenes





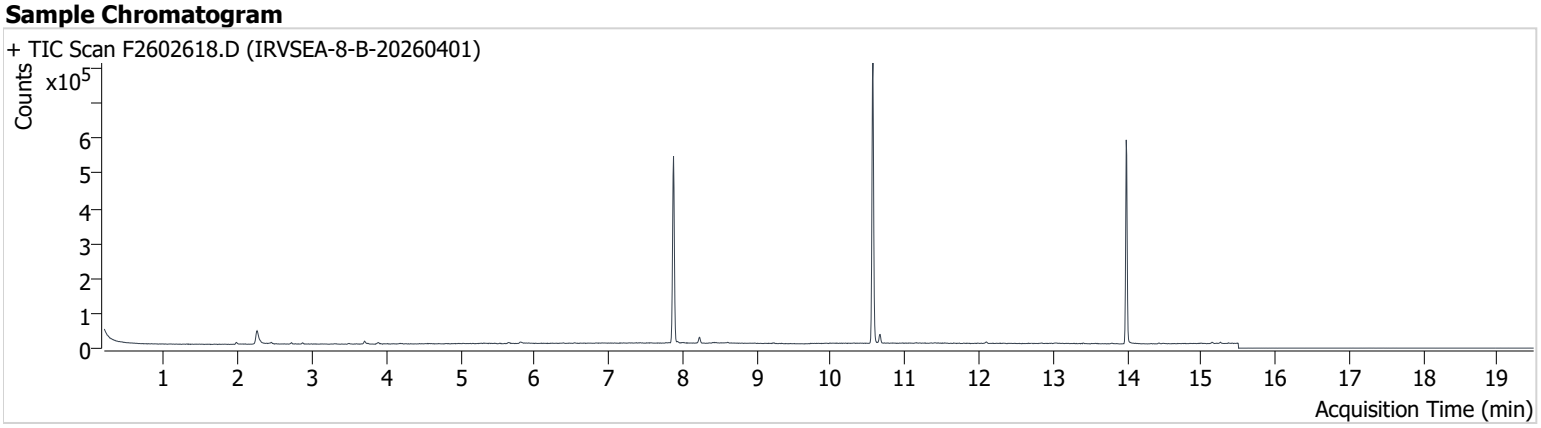
o-Xylene


+ EIC (91.1) Scan F2602617.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.487-13.605 min, 20 scans) F2602617.D
Counts
x10^3
Lib Match Score=76.3
91.1
106.1
39.1
51.1
65.1
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

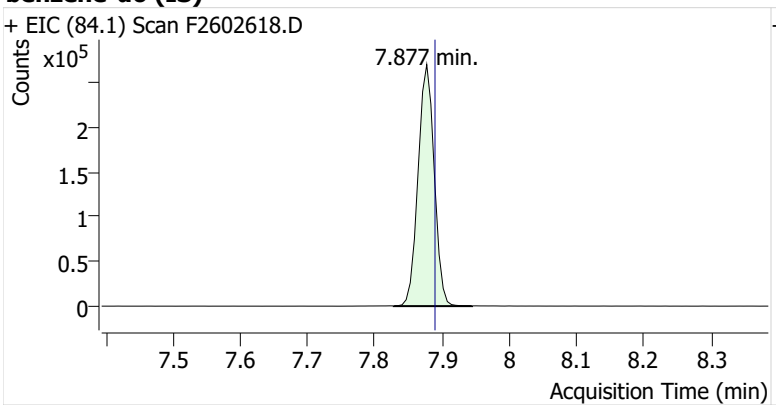
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Comment	B49544
Data File	F2602618.D
Acq. Date-Time	4/16/2026 7:04:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

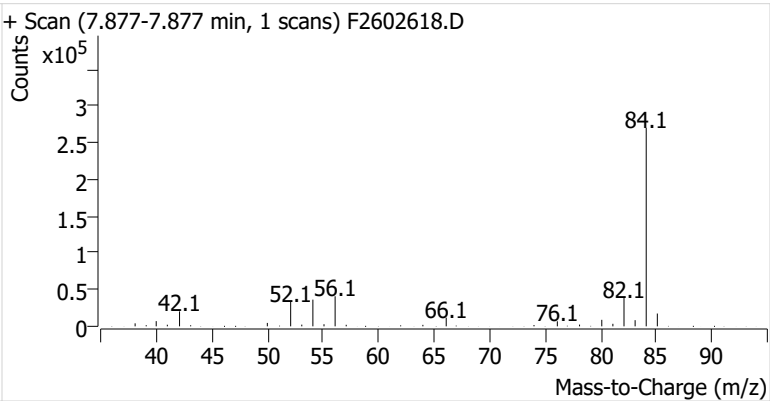
Sample Chromatogram



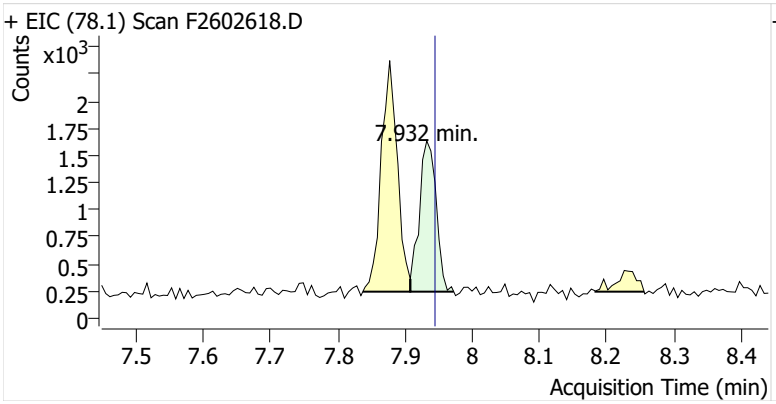
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	450,261	
Benzene	benzene-d6 (IS)	7.932	7.945	2,413	
Toluene-d8 (IS)		10.569	10.569	471,251	
Toluene	Toluene-d8 (IS)	10.661	10.667	16,530	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	687	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	812	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	370	

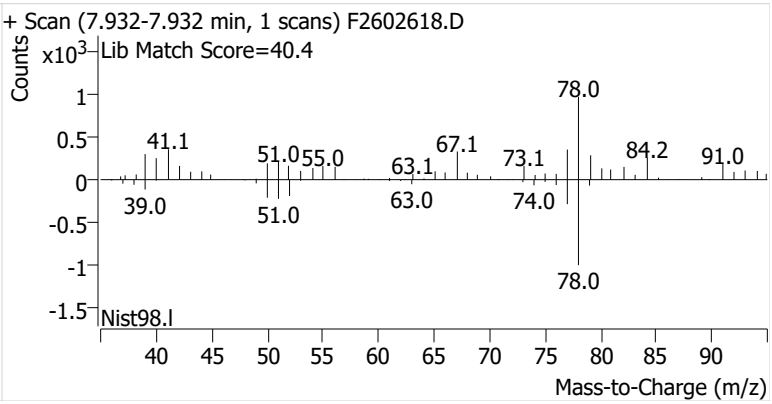
benzene-d6 (IS)



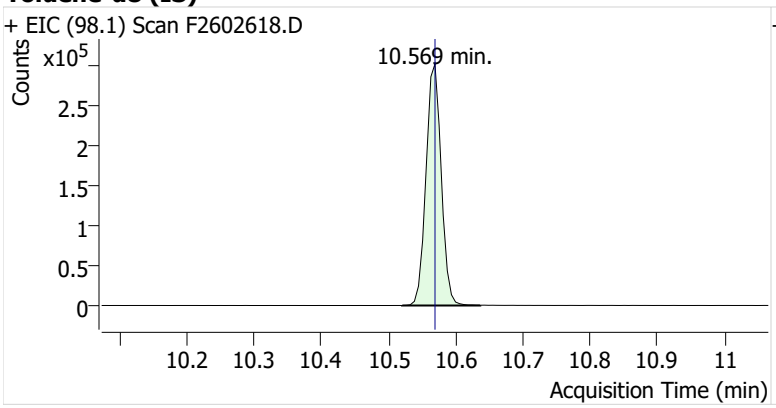


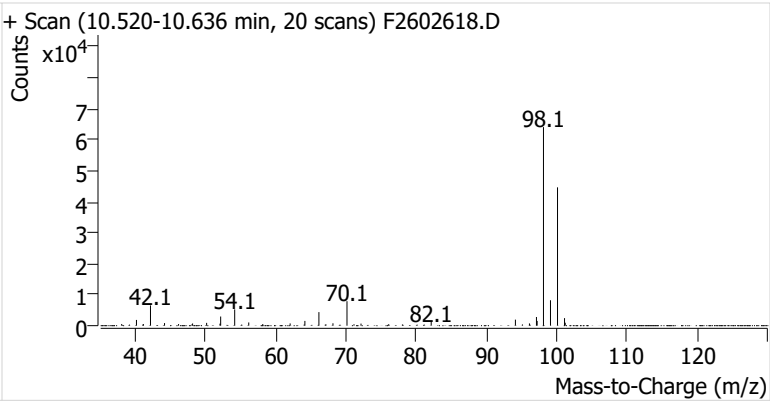
Benzene



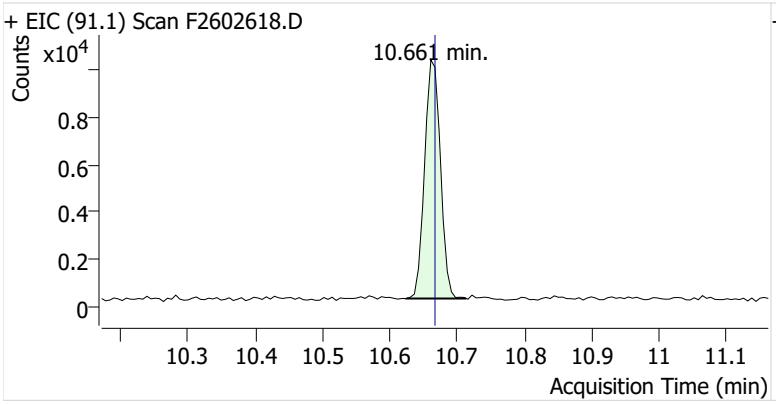


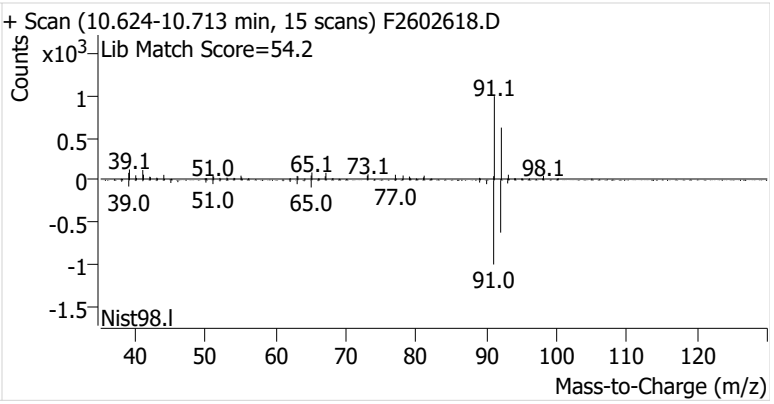
Toluene-d8 (IS)



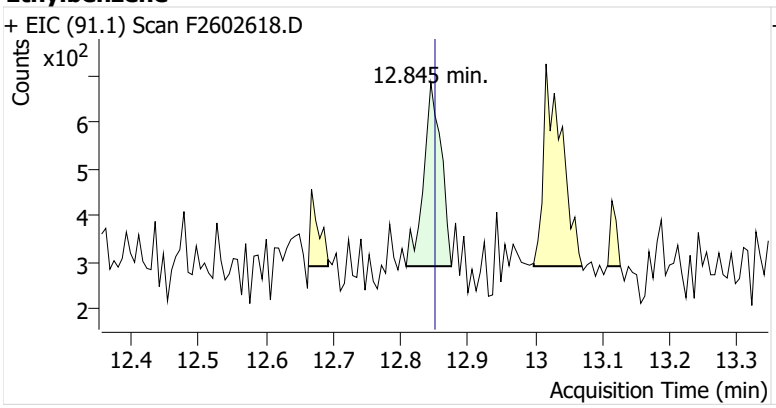


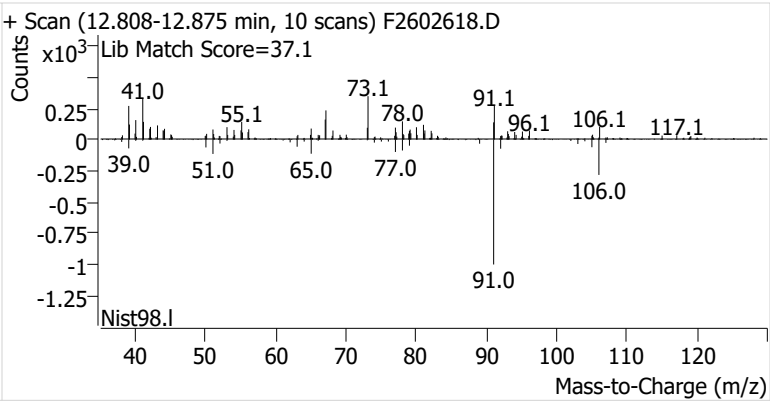
Toluene



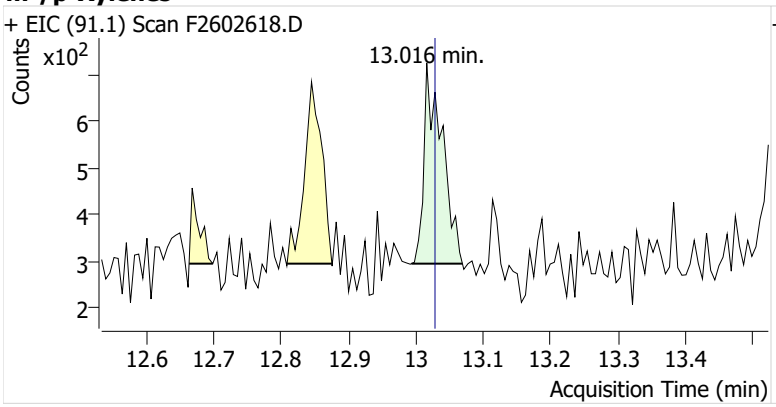


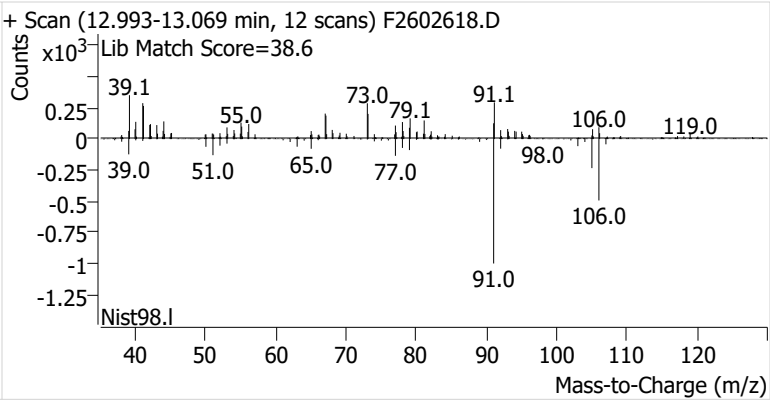
Ethylbenzene



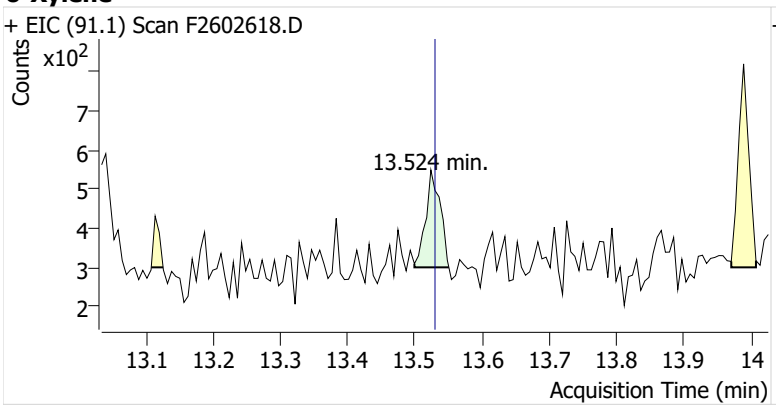


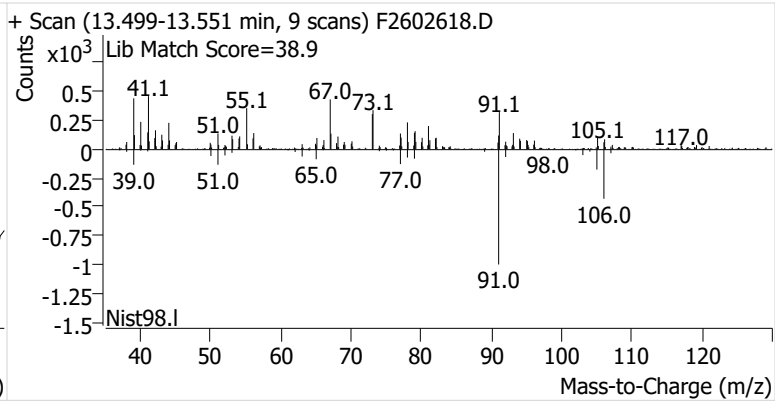
m-/p-Xylenes





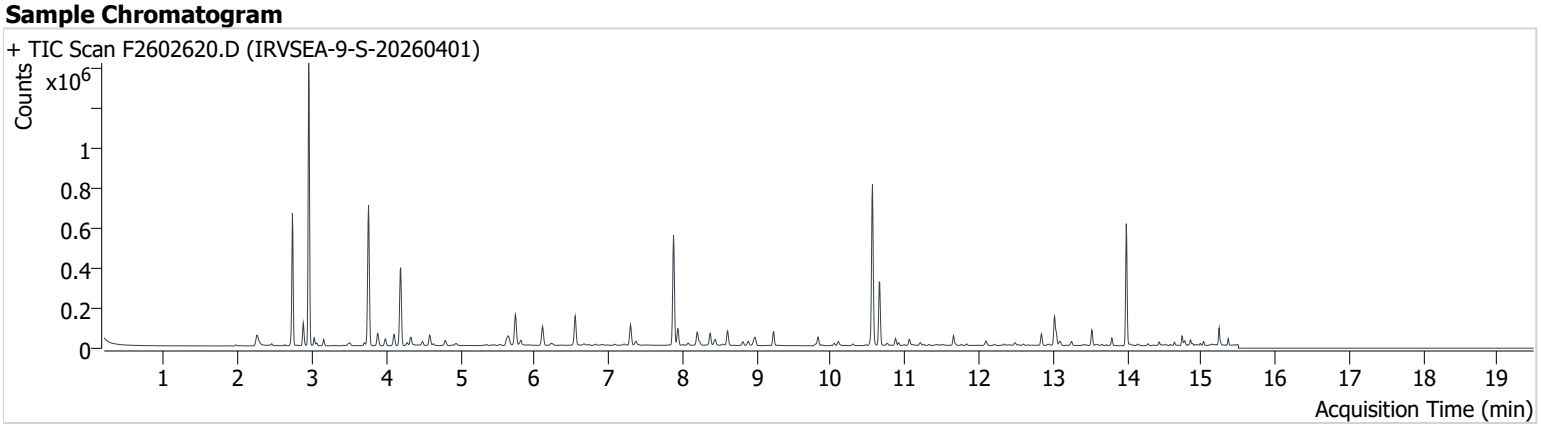
o-Xylene


+ EIC (91.1) Scan F2602618.D
Counts
x10^2
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.499-13.551 min, 9 scans) F2602618.D
Lib Match Score=38.9
Counts
x10^3
41.1
55.1
67.0
73.1
91.1
51.0
105.1
117.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

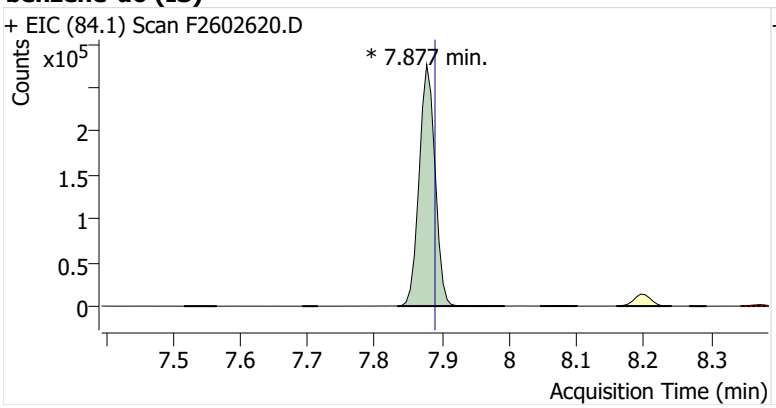
Name	IRVSEA-9-S-20260401
Comment	C57416
Data File	F2602620.D
Acq. Date-Time	4/16/2026 7:53:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

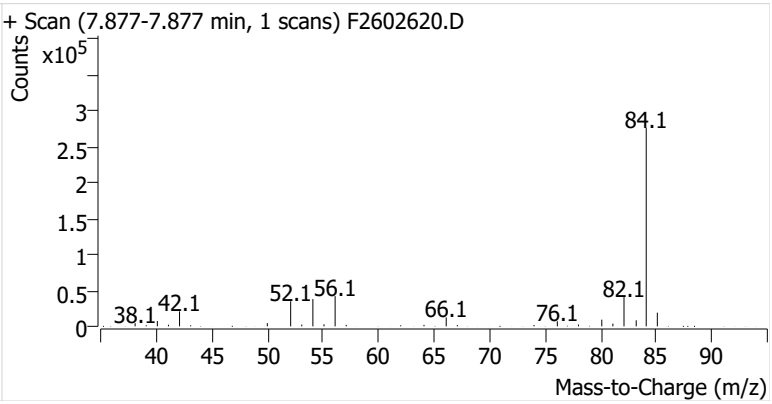
Sample Chromatogram



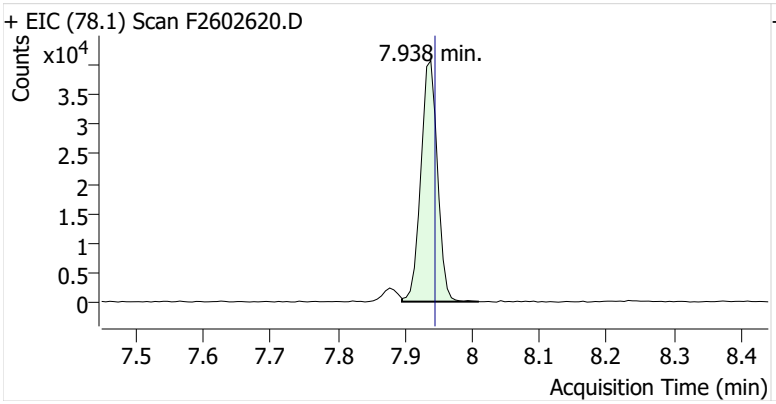
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	453,924	m
Benzene	benzene-d6 (IS)	7.938	7.945	69,324	
Toluene-d8 (IS)		10.563	10.569	475,334	
Toluene	Toluene-d8 (IS)	10.655	10.667	202,173	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	36,434	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	107,335	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	42,954	

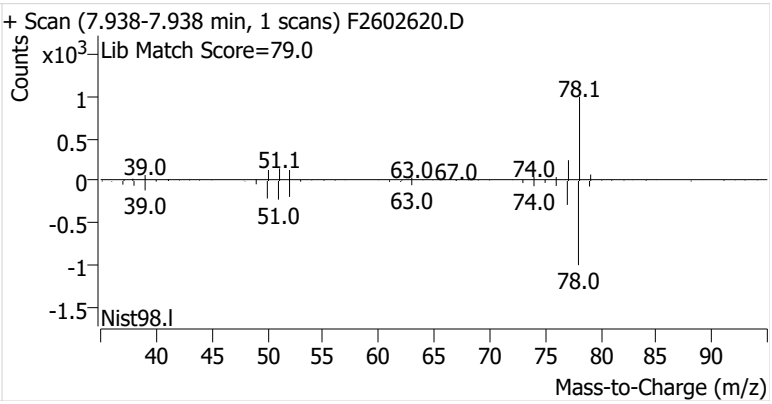
benzene-d6 (IS)



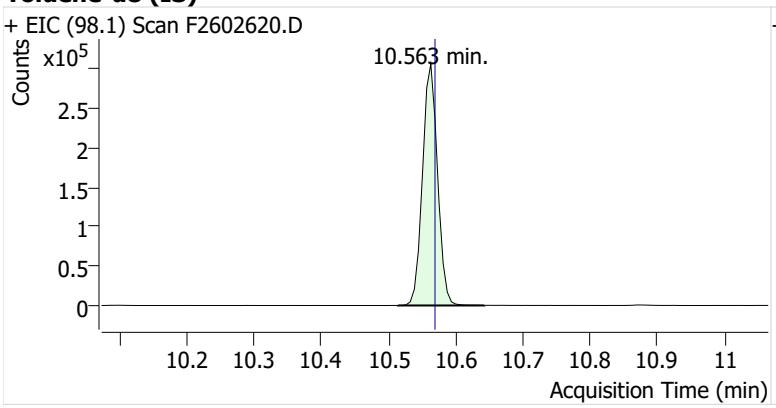


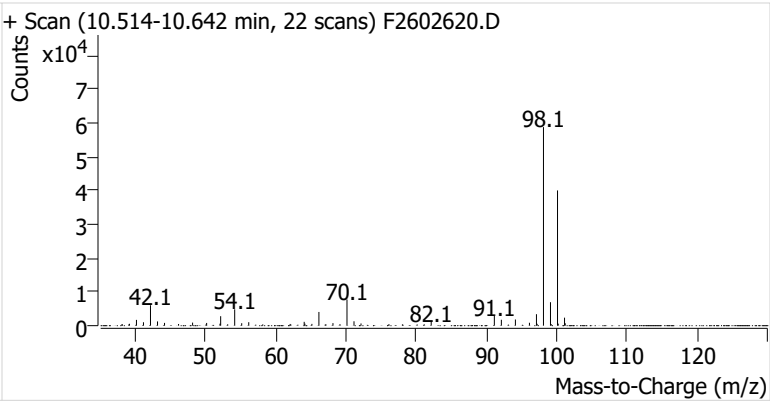
Benzene



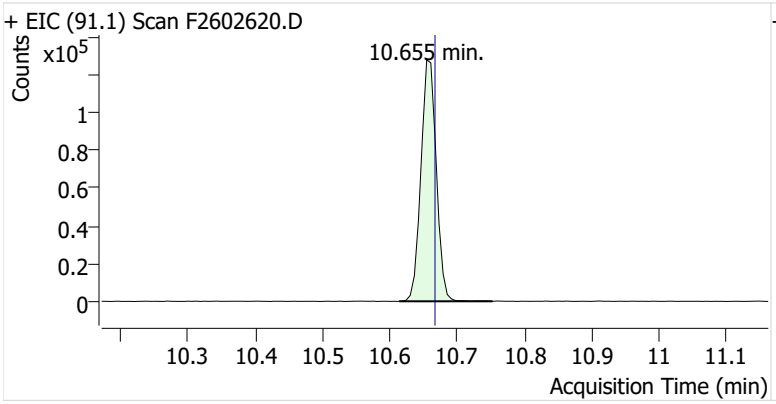


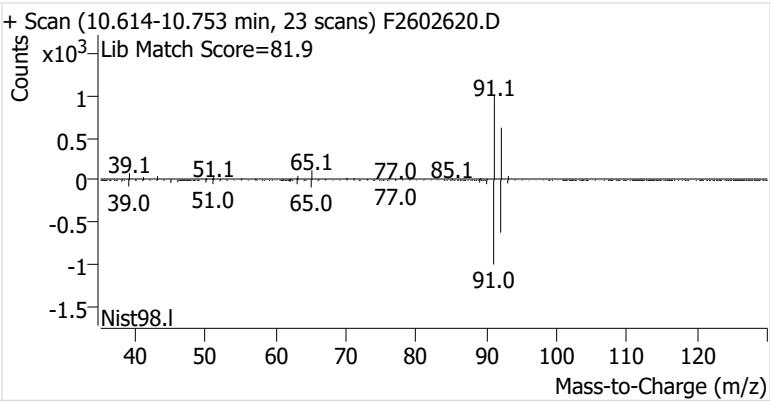
Toluene-d8 (IS)



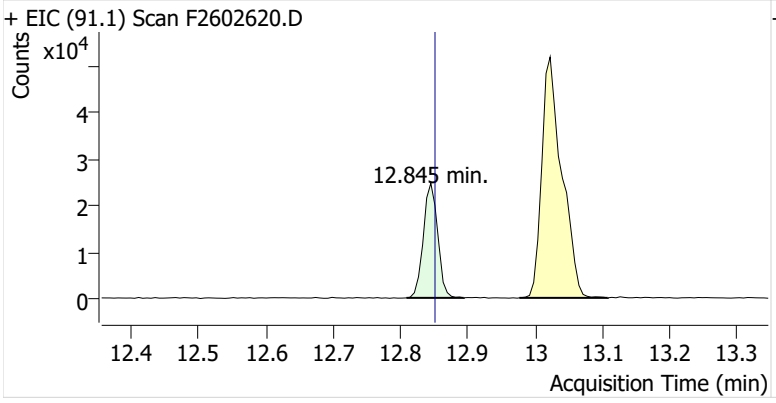


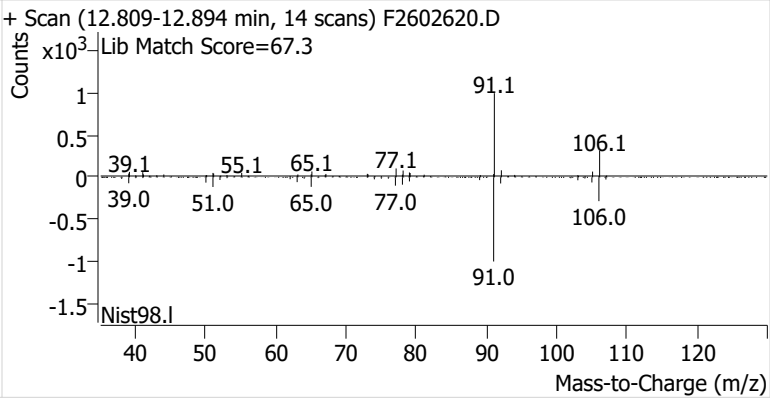
Toluene



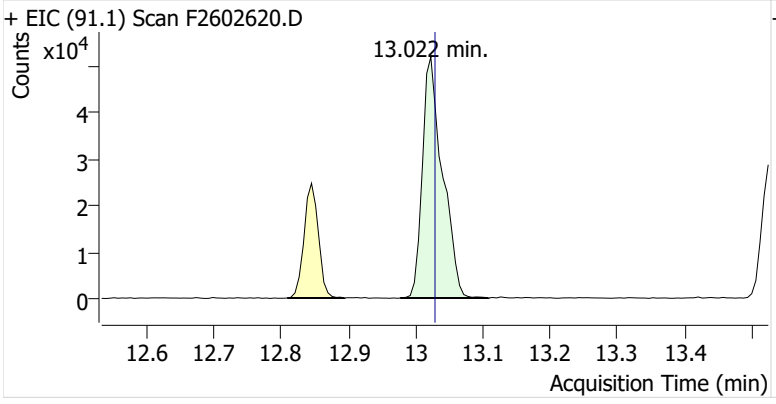


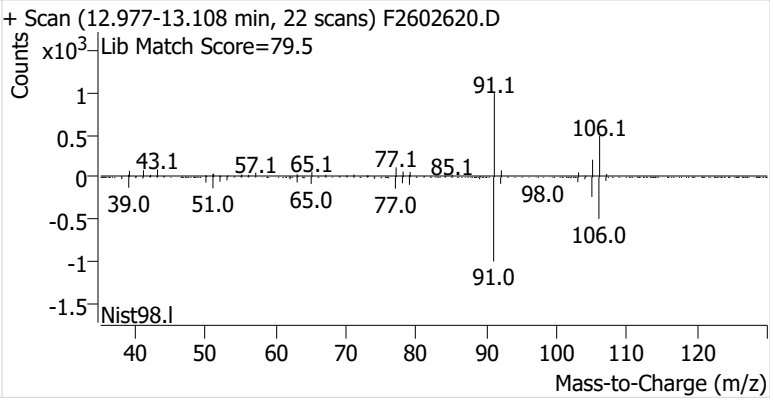
Ethylbenzene



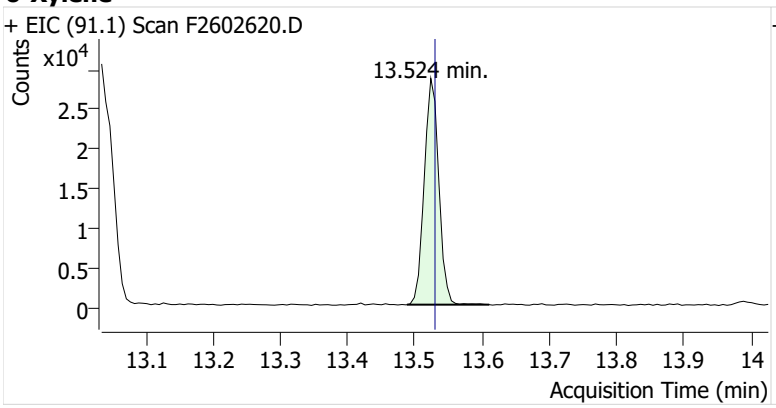


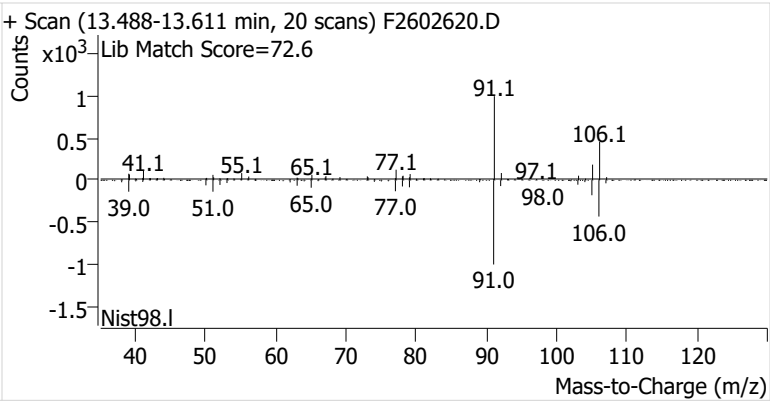
m-/p-Xylenes





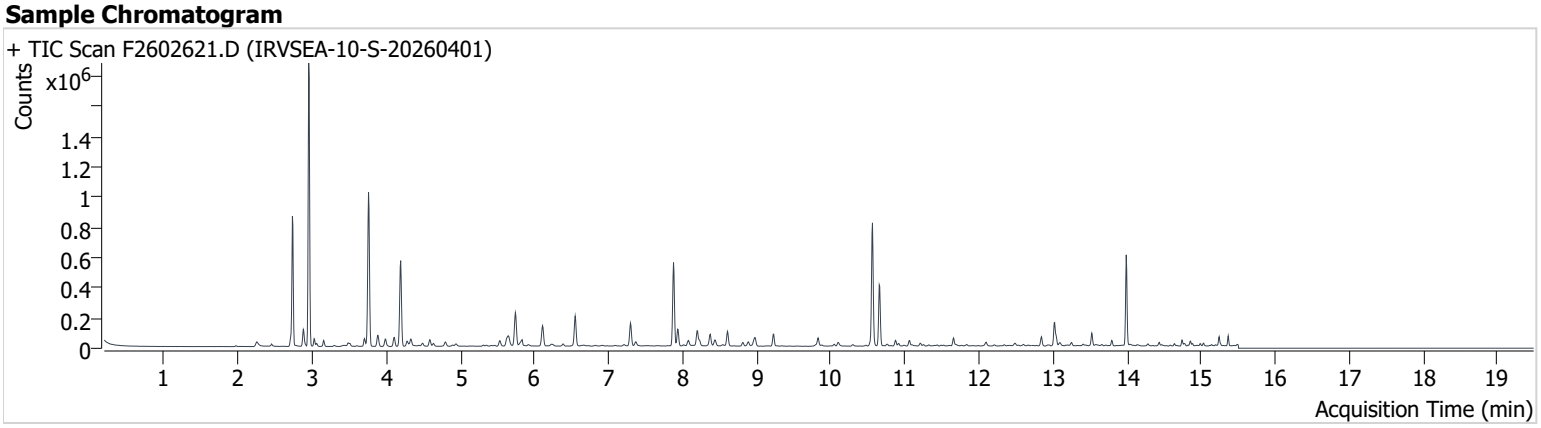
o-Xylene


+ EIC (91.1) Scan F2602620.D
Counts
x10^4
13.524 min.
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.611 min, 20 scans) F2602620.D
Counts
x10^3
Lib Match Score=72.6
91.1
106.1
41.1
55.1
65.1
77.1
97.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

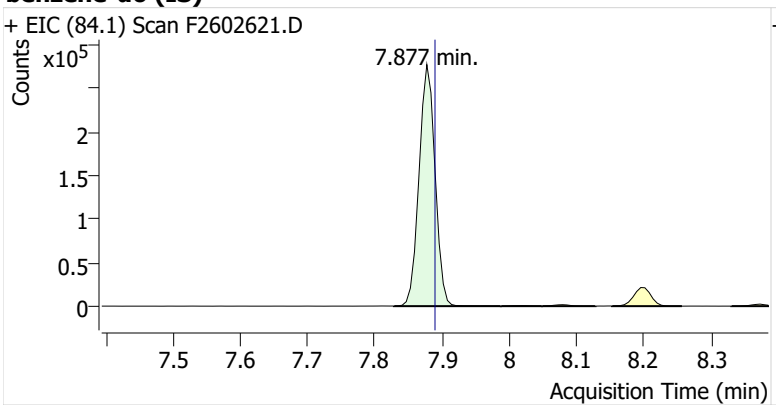
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Comment	C70792
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Acq. Date-Time	4/16/2026 8:19:14 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

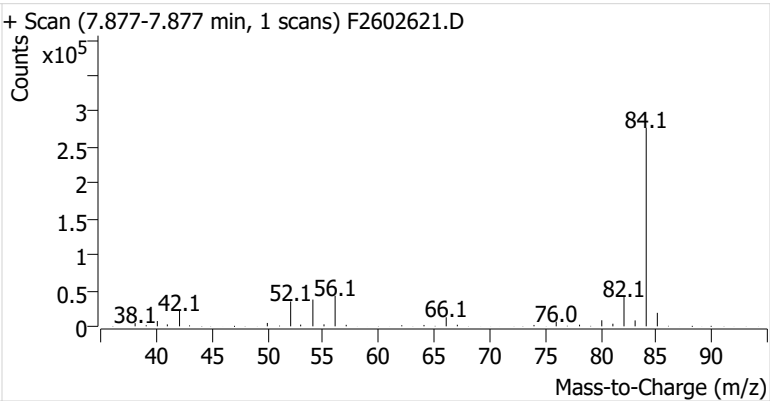
Sample Chromatogram



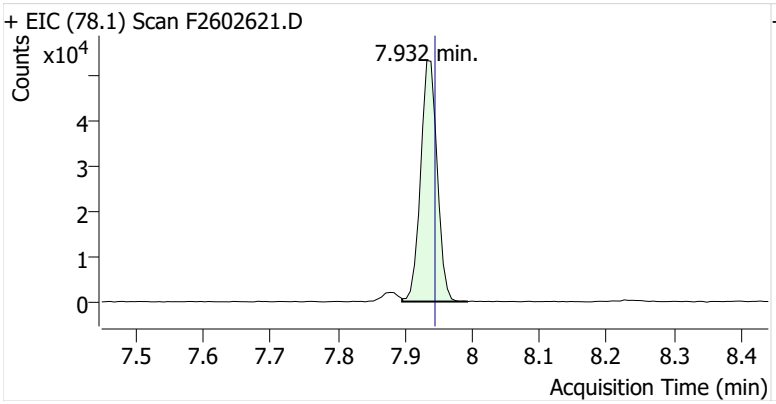
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	458,095	
Benzene	benzene-d6 (IS)	7.932	7.945	90,494	
Toluene-d8 (IS)		10.563	10.569	477,489	
Toluene	Toluene-d8 (IS)	10.655	10.667	254,977	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	35,098	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	111,924	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	43,543	

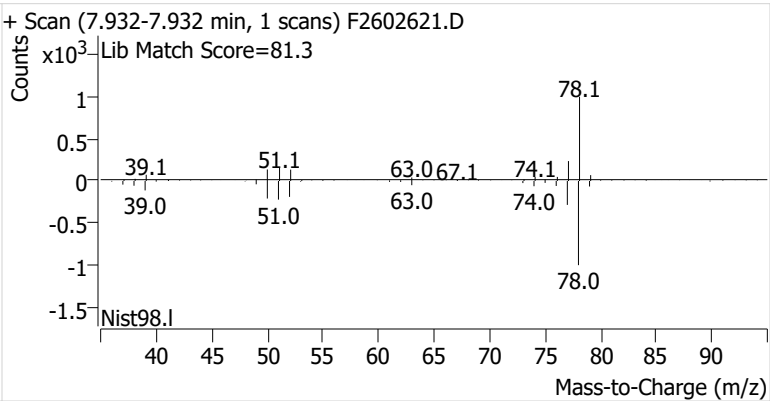
benzene-d6 (IS)



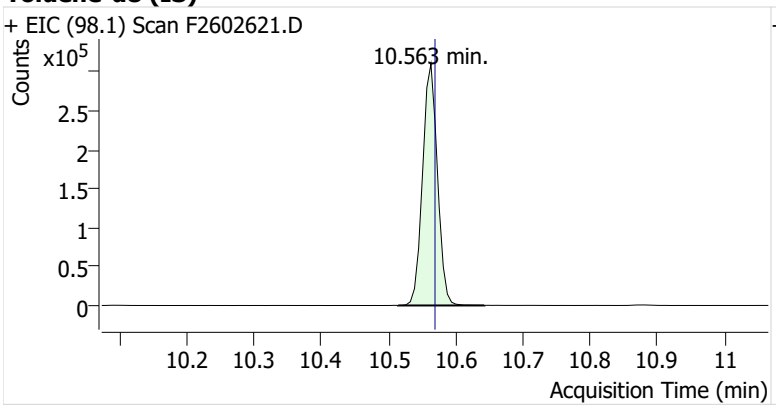


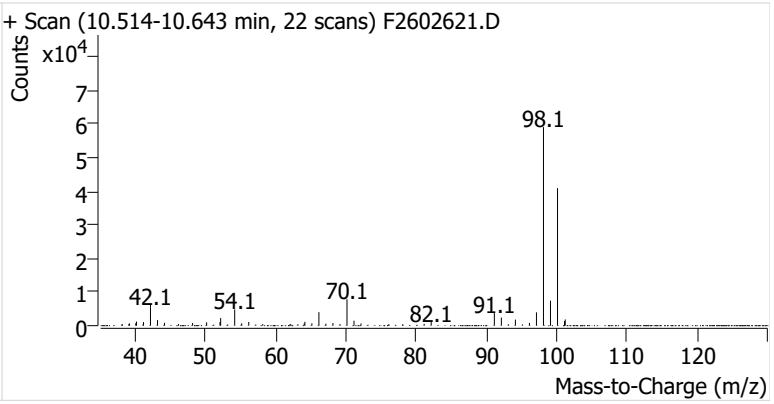
Benzene



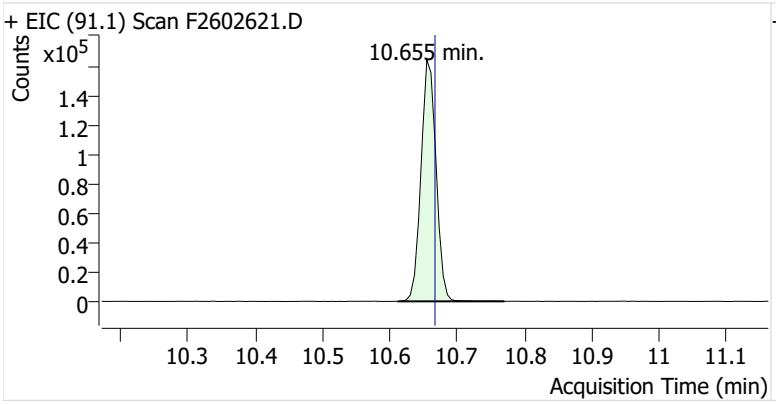


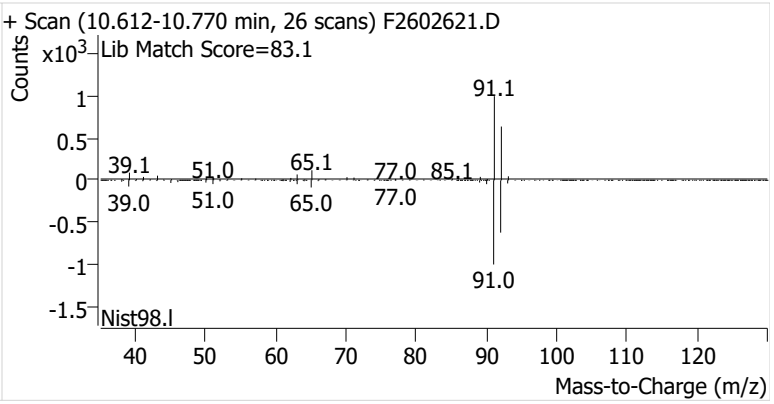
Toluene-d8 (IS)



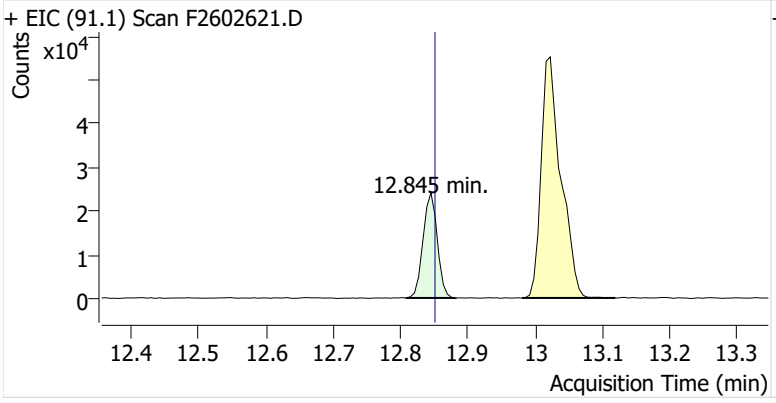


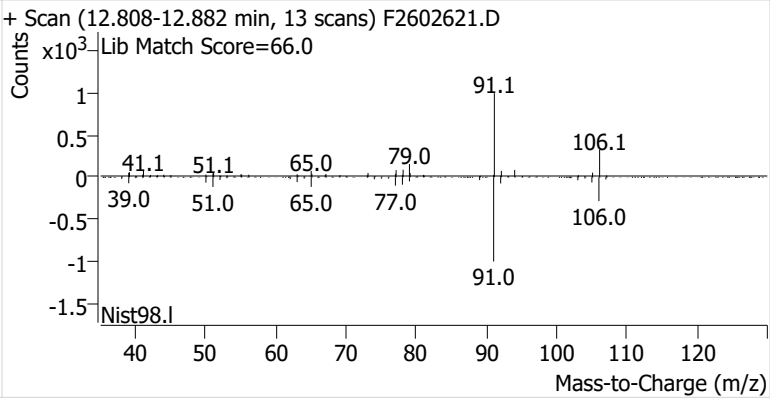
Toluene



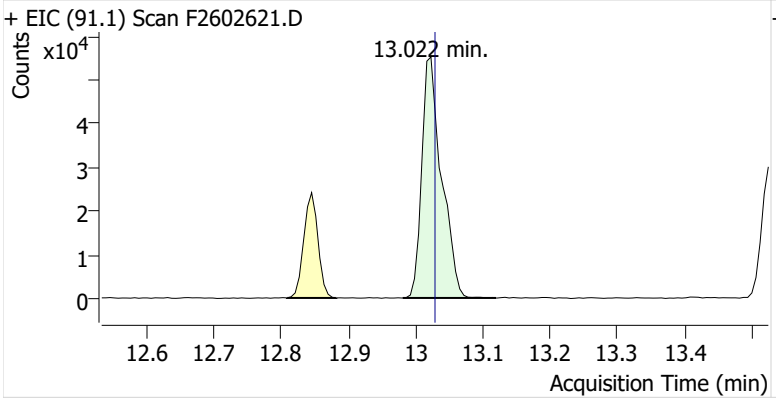


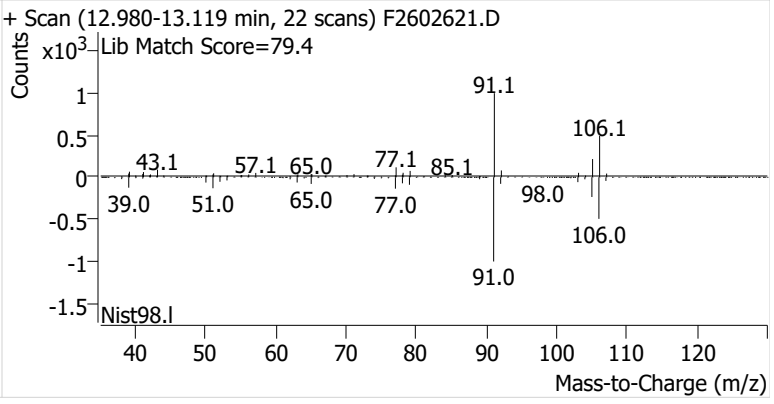
Ethylbenzene



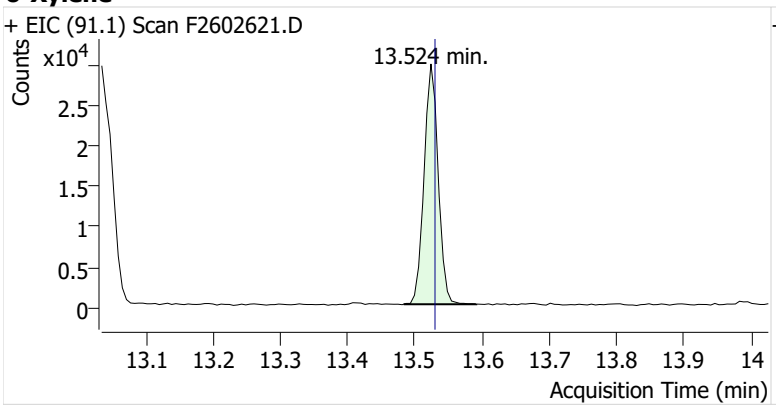


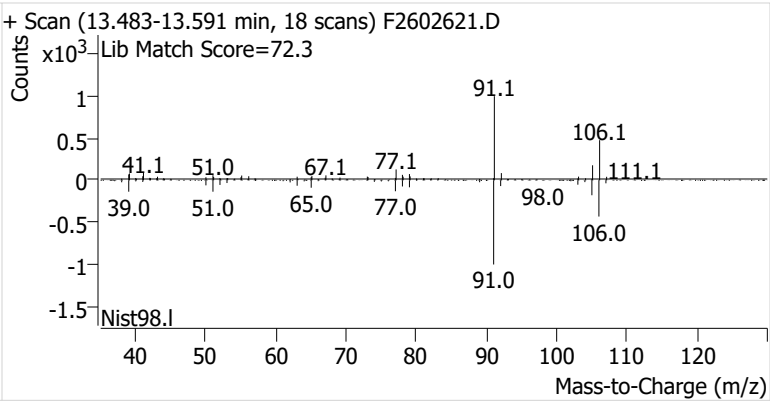
m-/p-Xylenes





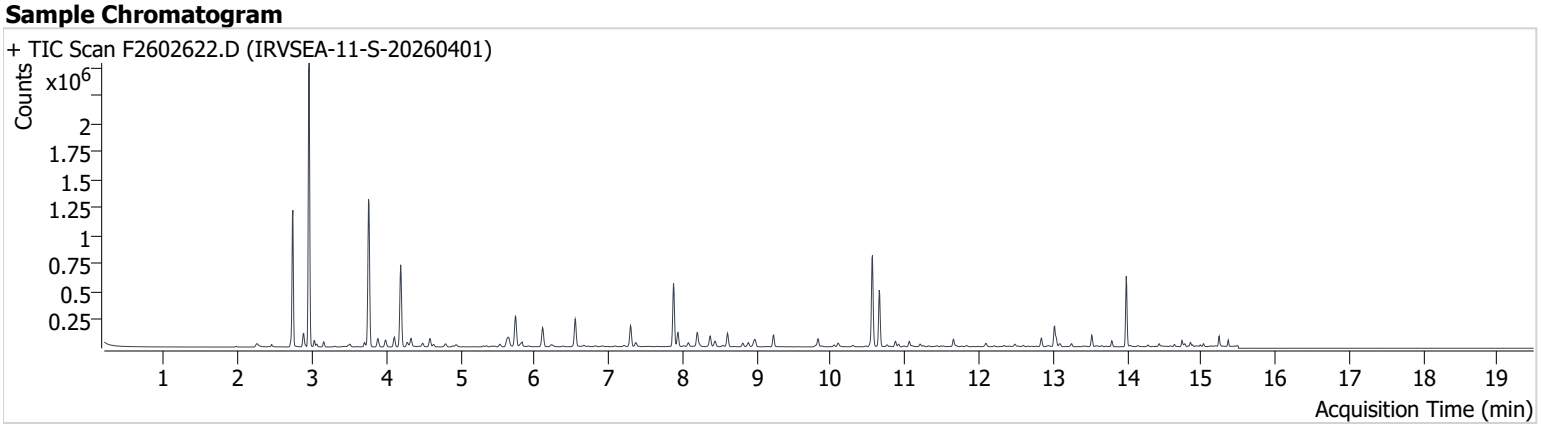
o-Xylene


+ EIC (91.1) Scan F2602621.D
Counts
x10^4
13.524 min.
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.483-13.591 min, 18 scans) F2602621.D
Counts
x10^3
Lib Match Score=72.3
91.1
106.1
41.1
51.0
67.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

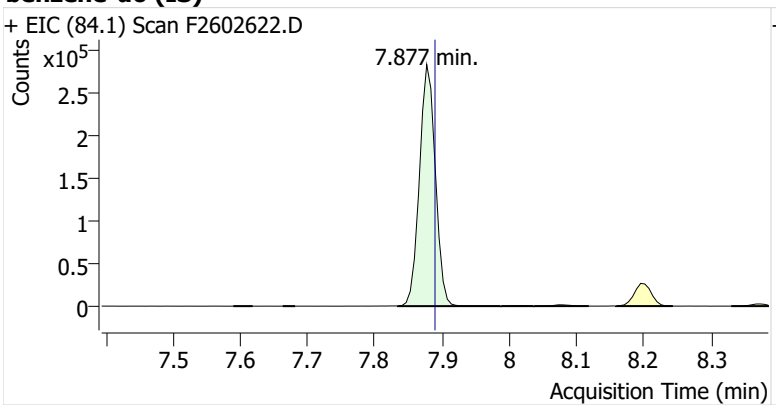
Name	IRVSEA-11-S-20260401
Comment	C71559
Data File	F2602622.D
Acq. Date-Time	4/16/2026 8:44:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

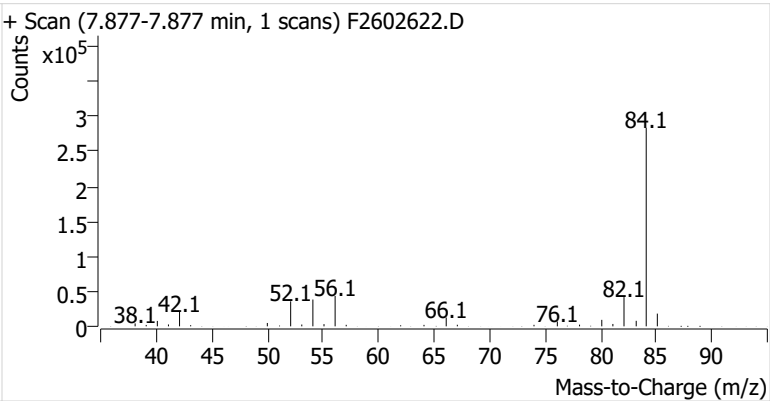
Sample Chromatogram



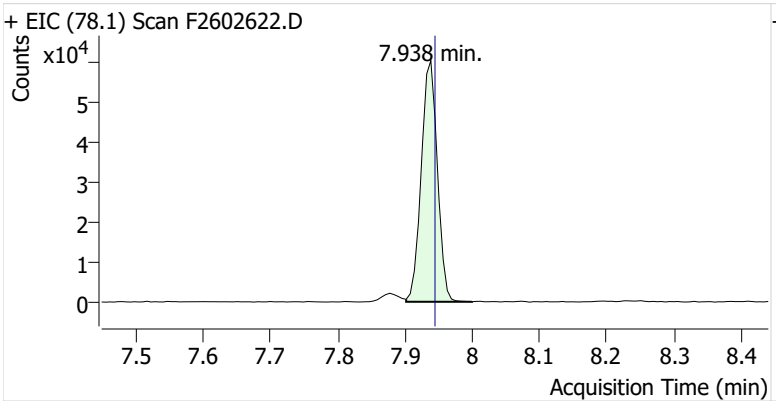
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	466,226	
Benzene	benzene-d6 (IS)	7.938	7.945	100,621	
Toluene-d8 (IS)		10.563	10.569	486,369	
Toluene	Toluene-d8 (IS)	10.655	10.667	308,109	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	45,706	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	134,725	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	54,278	

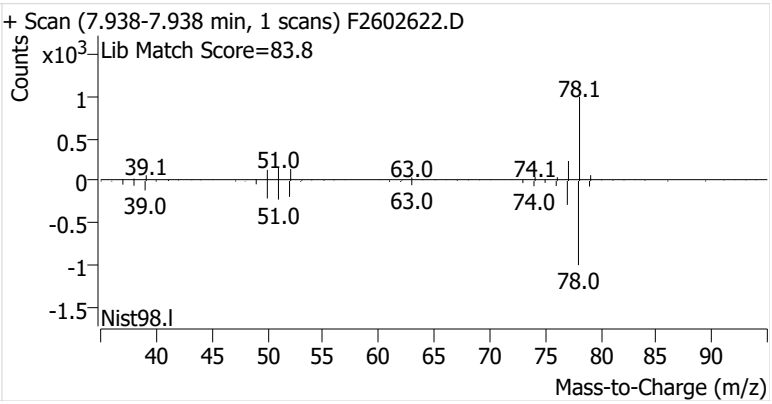
benzene-d6 (IS)



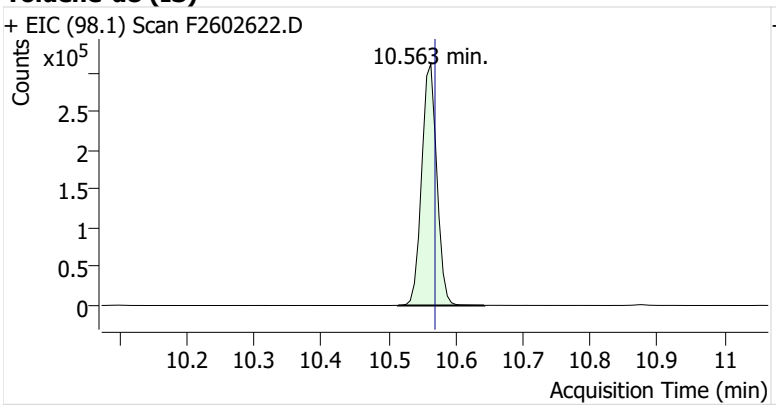


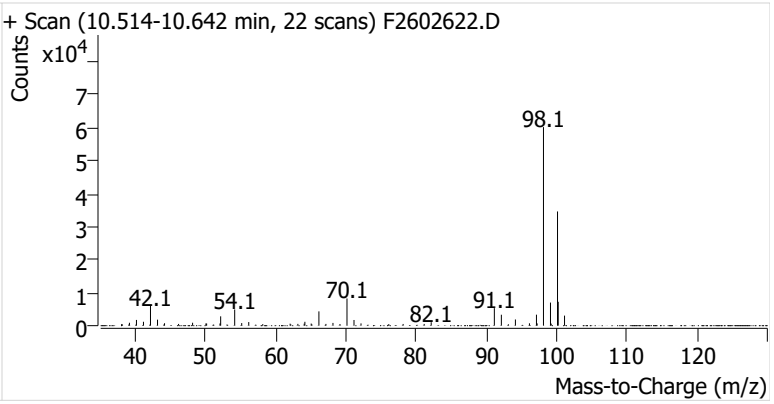
Benzene



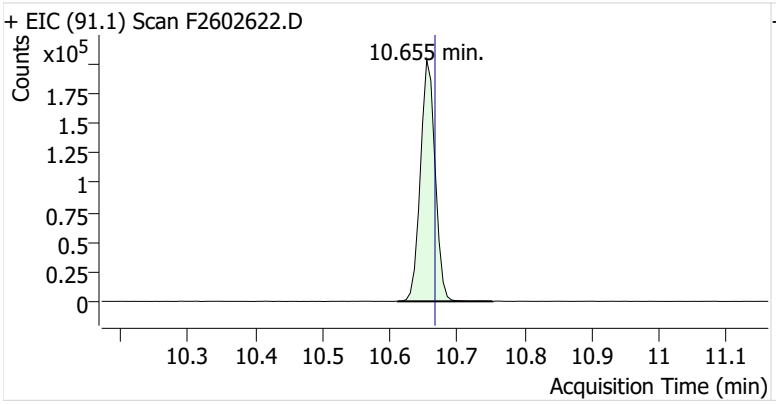


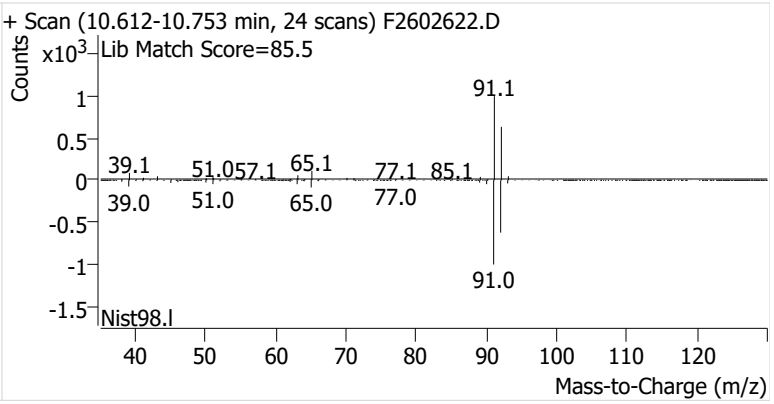
Toluene-d8 (IS)



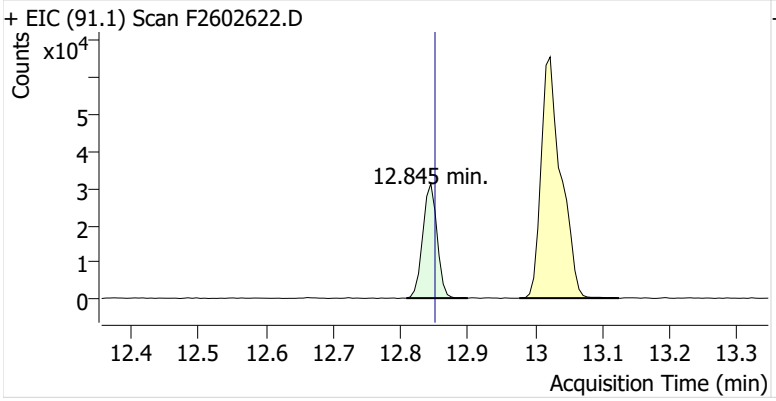


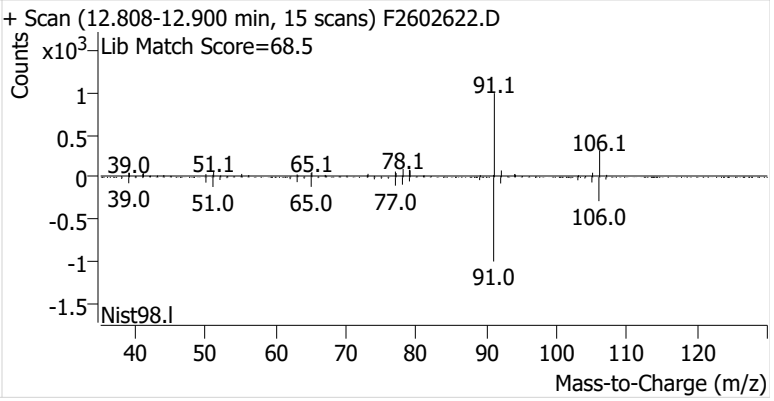
Toluene



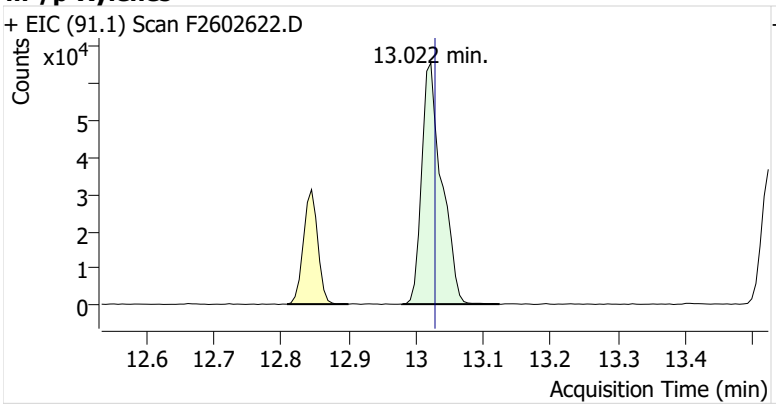


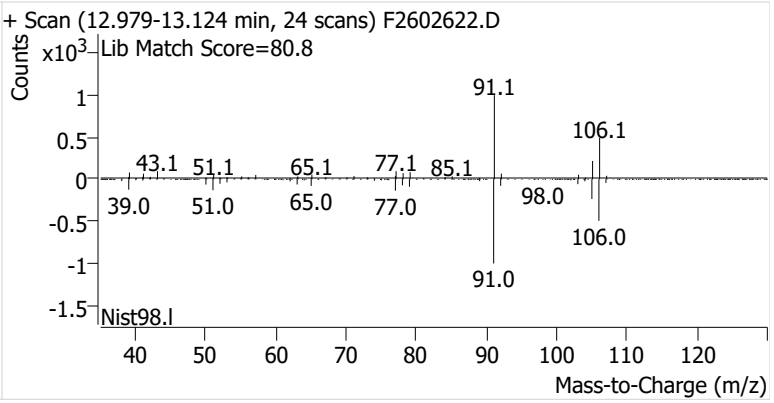
Ethylbenzene



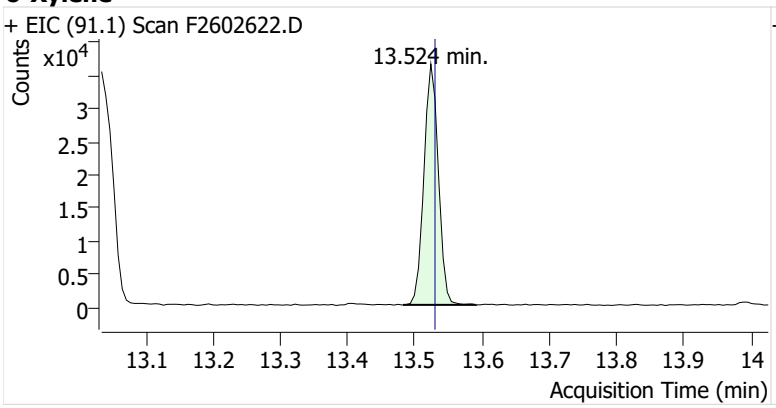


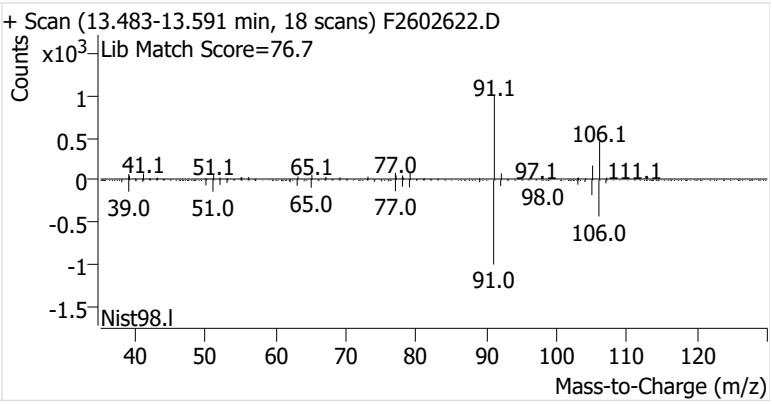
m-/p-Xylenes





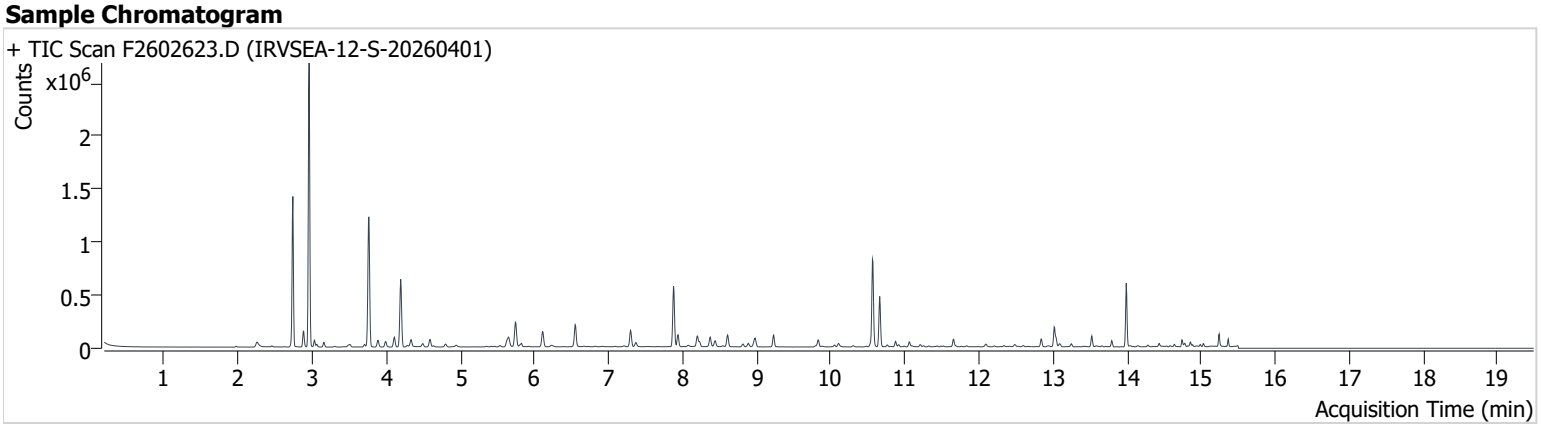
o-Xylene


+ EIC (91.1) Scan F2602622.D
Counts
x10^4
13.524 min.
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.483-13.591 min, 18 scans) F2602622.D
Counts
x10^3
Lib Match Score=76.7
91.1
106.1
41.1
51.1
65.1
77.0
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

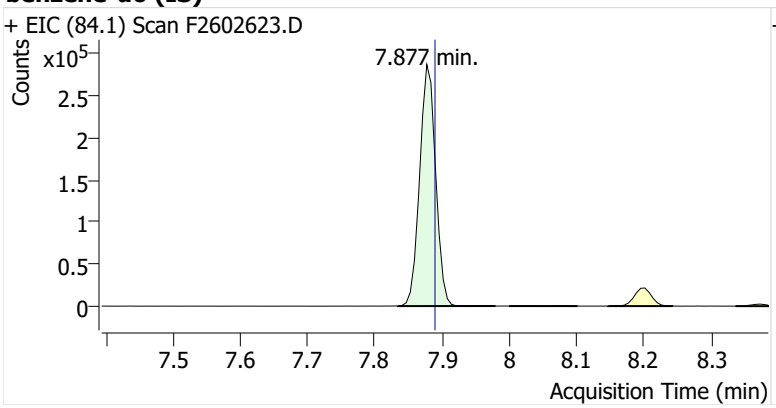
Name	IRVSEA-12-S-20260401
Comment	C67316
Data File	F2602623.D
Acq. Date-Time	4/16/2026 9:10:01 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

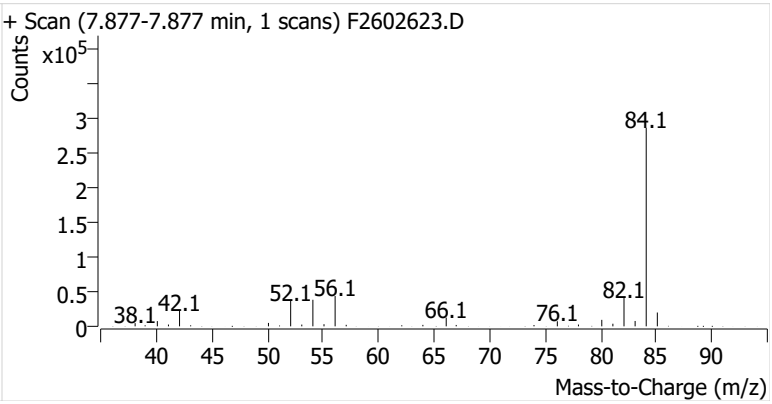
Sample Chromatogram



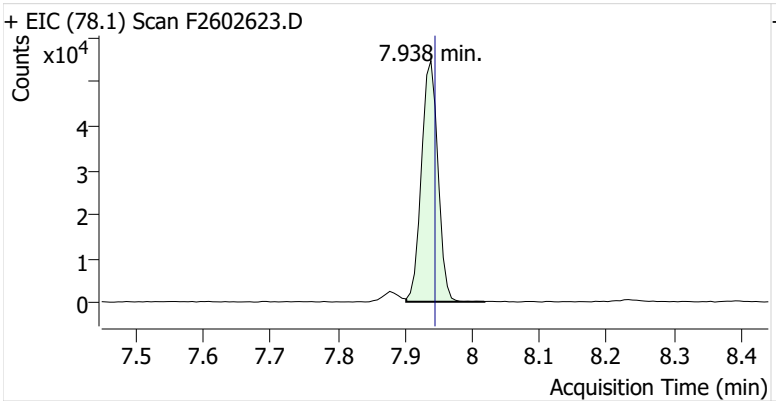
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	473,409	
Benzene	benzene-d6 (IS)	7.938	7.945	93,236	
Toluene-d8 (IS)		10.563	10.569	493,862	
Toluene	Toluene-d8 (IS)	10.661	10.667	281,860	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	47,281	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	136,117	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	54,793	

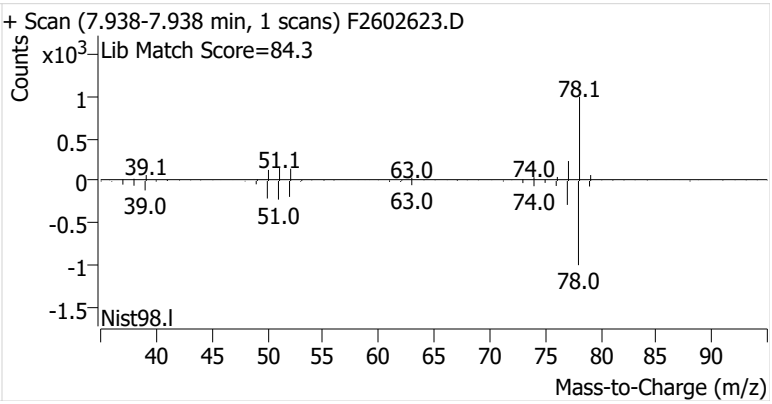
benzene-d6 (IS)



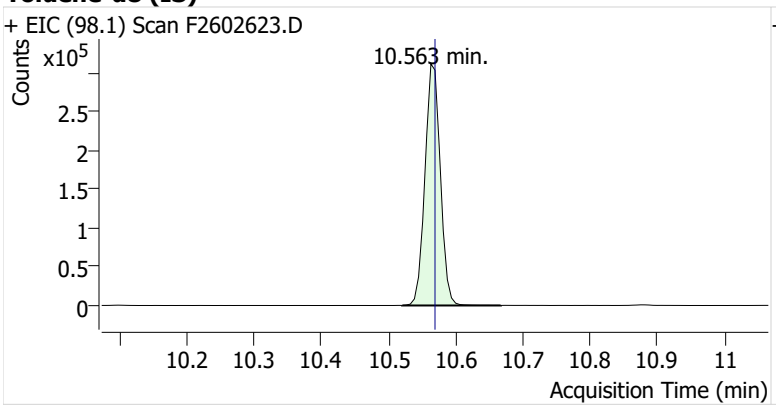


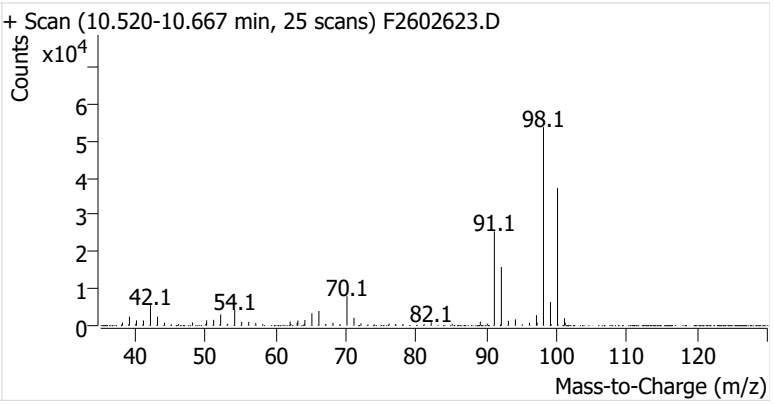
Benzene



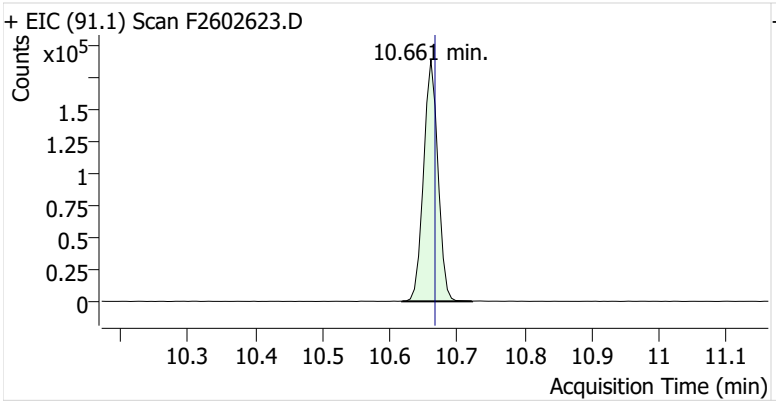


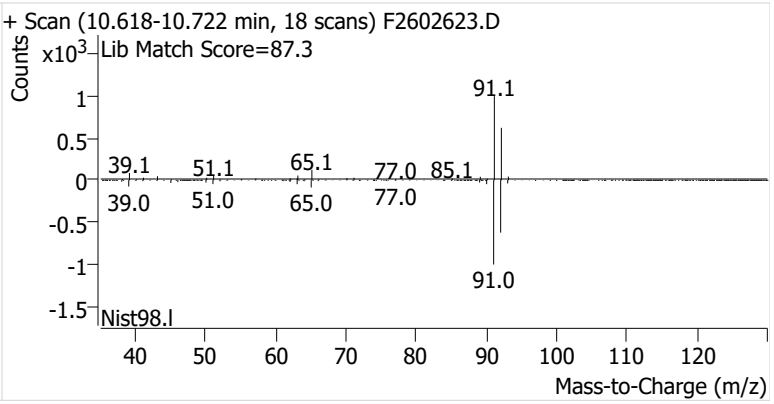
Toluene-d8 (IS)



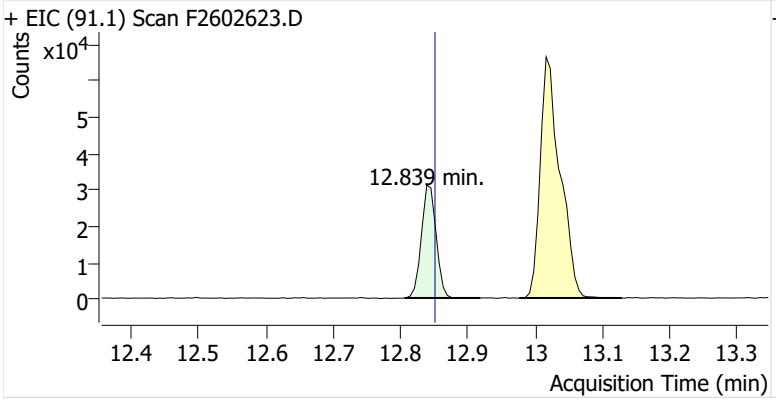


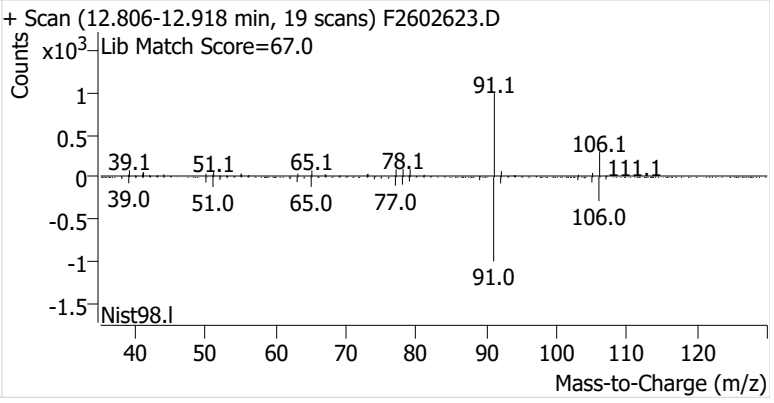
Toluene



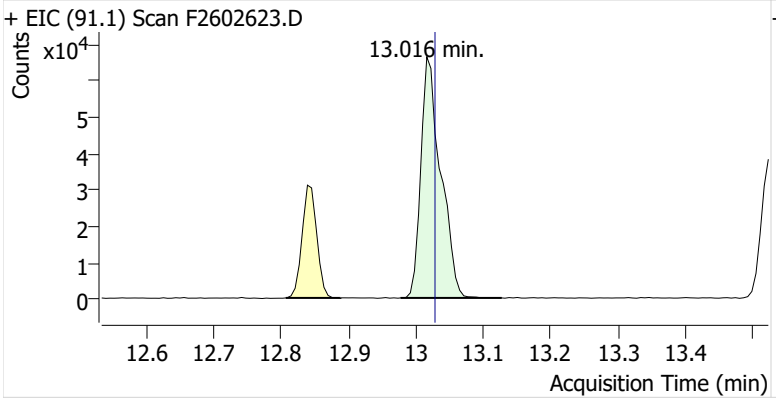


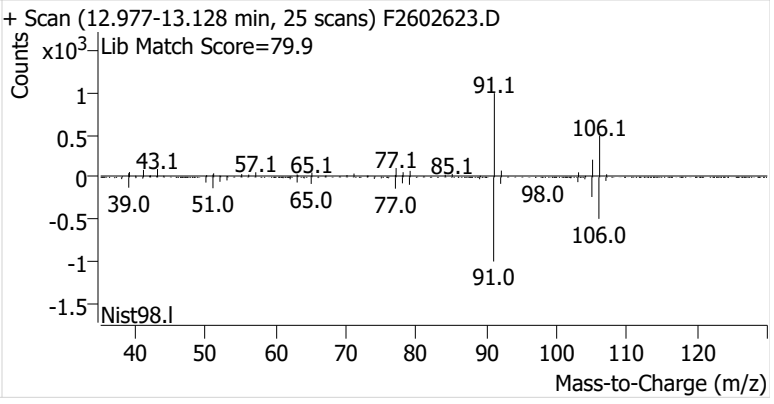
Ethylbenzene



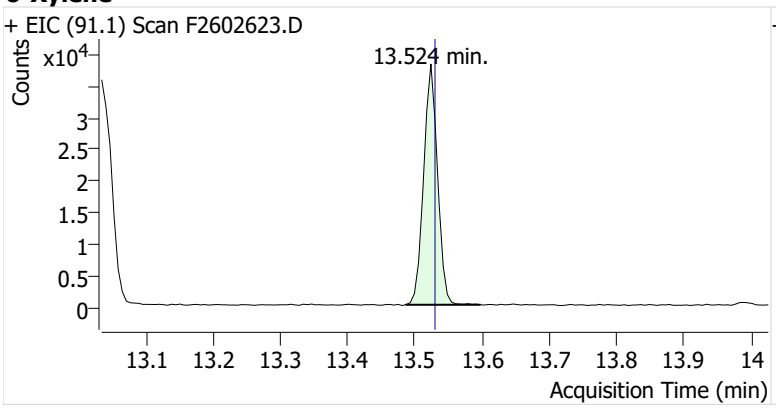


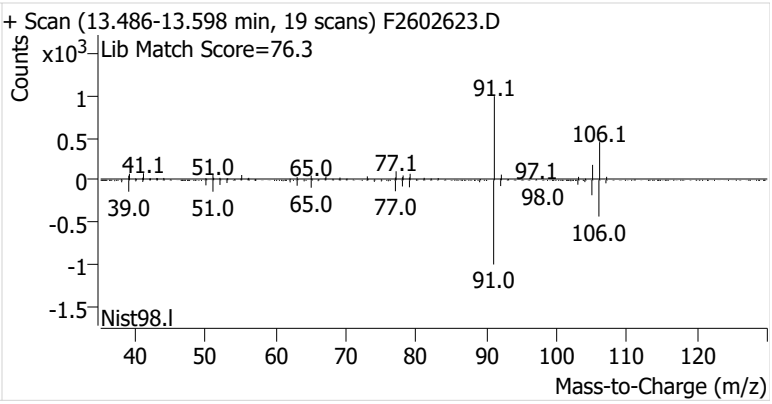
m-/p-Xylenes





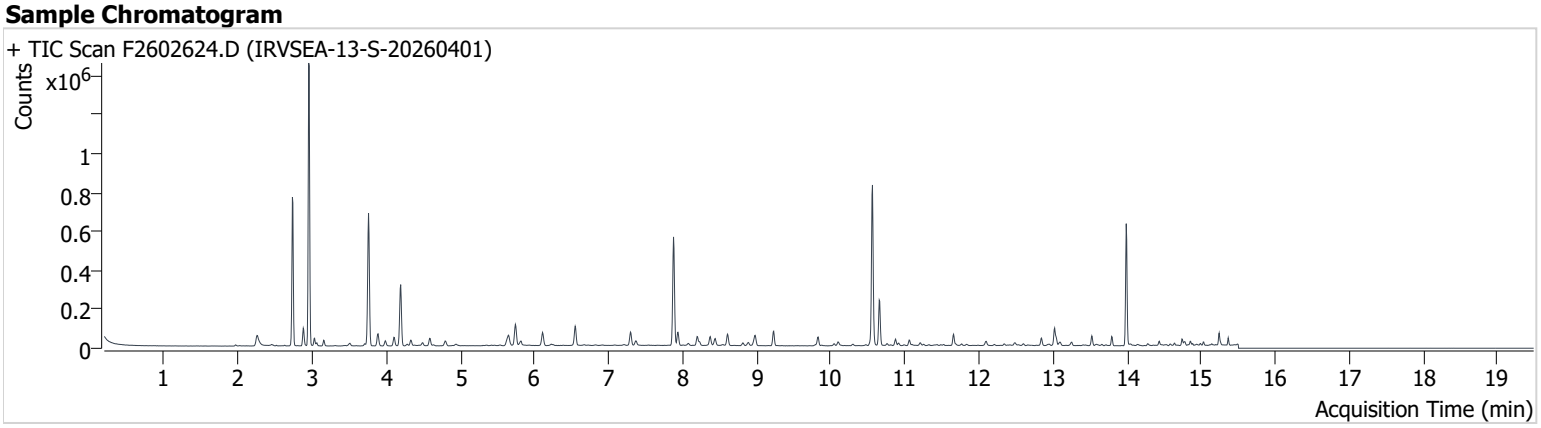
o-Xylene


+ EIC (91.1) Scan F2602623.D
Counts
x10^4
13.524 min.
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.486-13.598 min, 19 scans) F2602623.D
Counts
x10^3
Lib Match Score=76.3
91.1
106.1
41.1
51.0
65.0
77.1
97.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

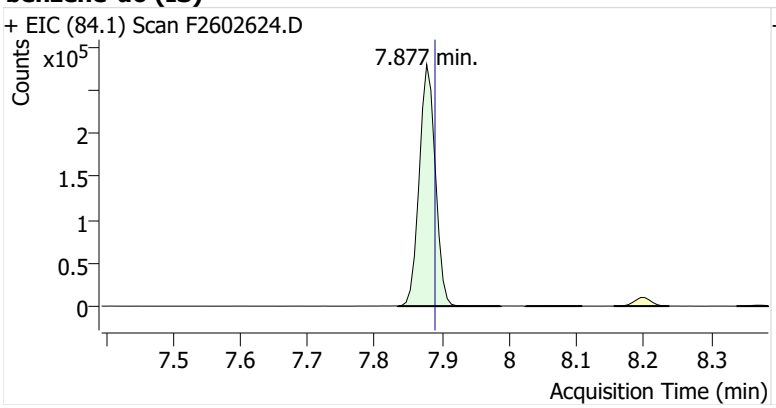
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Comment	C57728
Data File	F2602624.D
Acq. Date-Time	4/16/2026 9:36:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

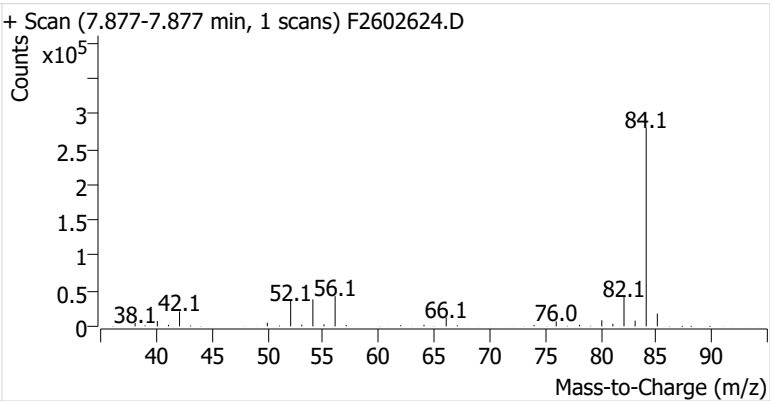
Sample Chromatogram



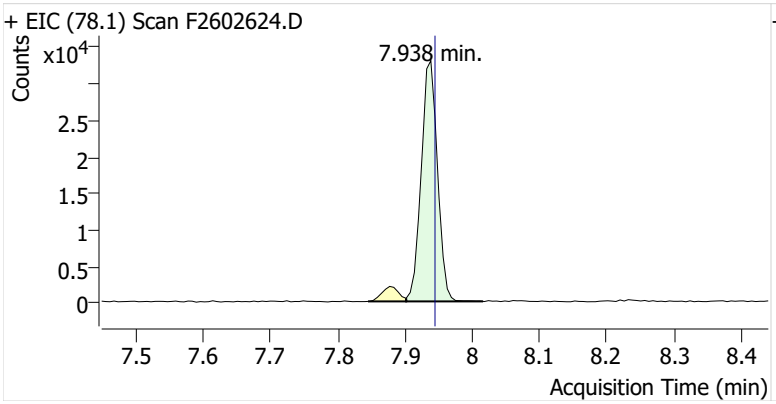
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	466,008	
Benzene	benzene-d6 (IS)	7.938	7.945	55,435	
Toluene-d8 (IS)		10.563	10.569	484,937	
Toluene	Toluene-d8 (IS)	10.655	10.667	142,196	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	23,813	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	64,635	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	26,535	

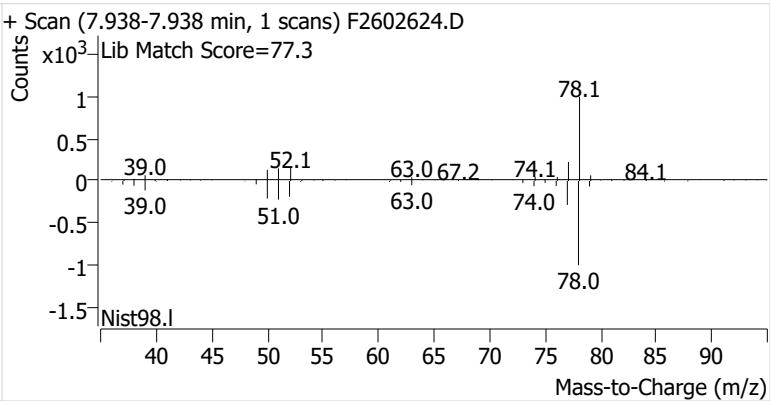
benzene-d6 (IS)



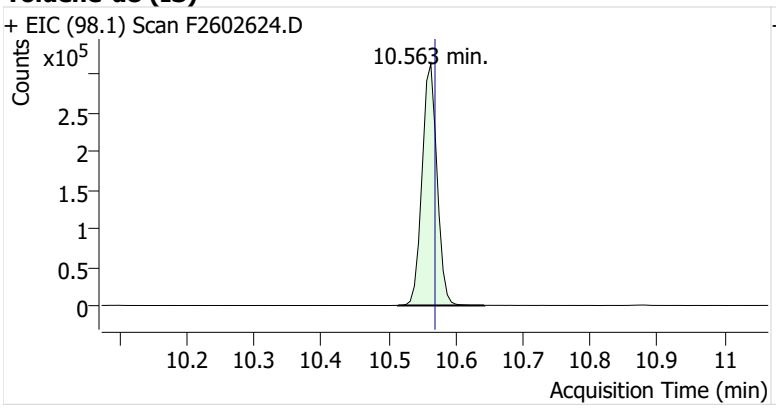


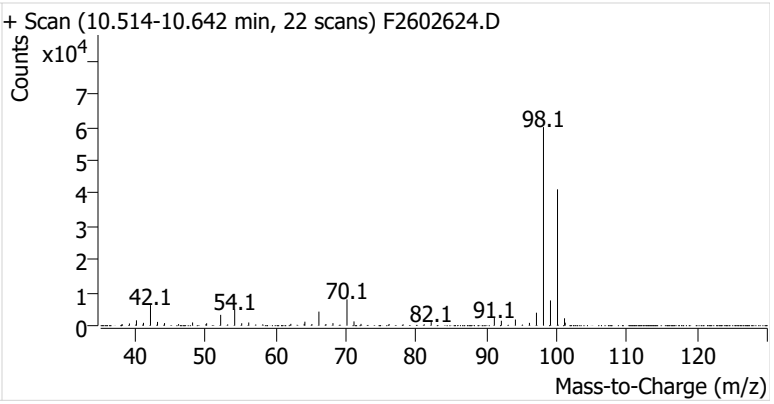
Benzene



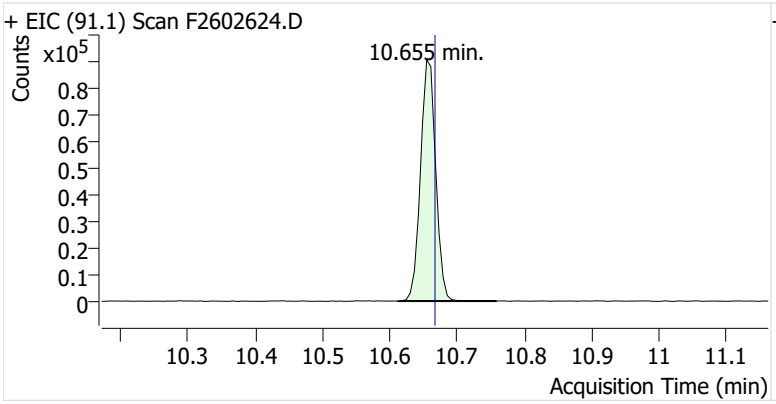


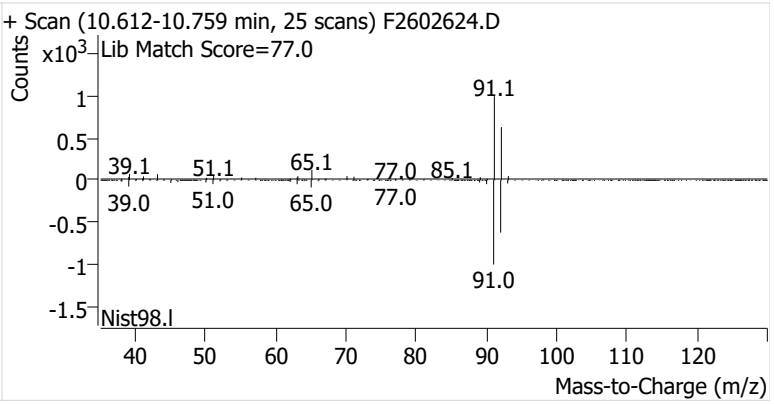
Toluene-d8 (IS)



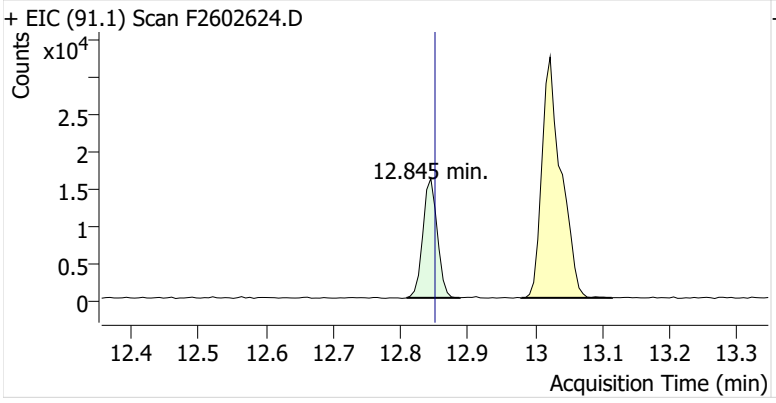


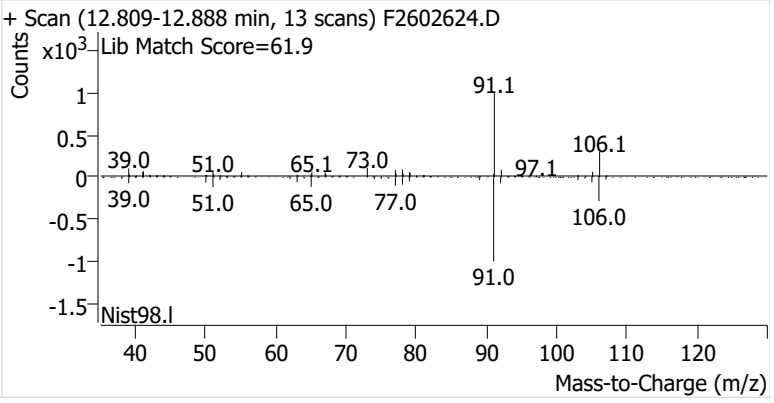
Toluene



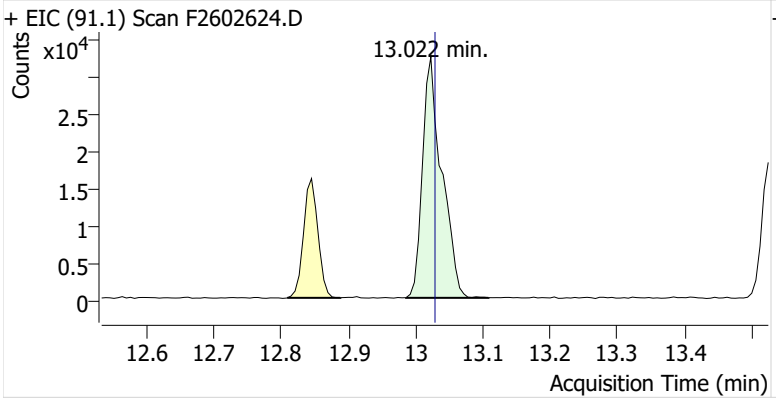


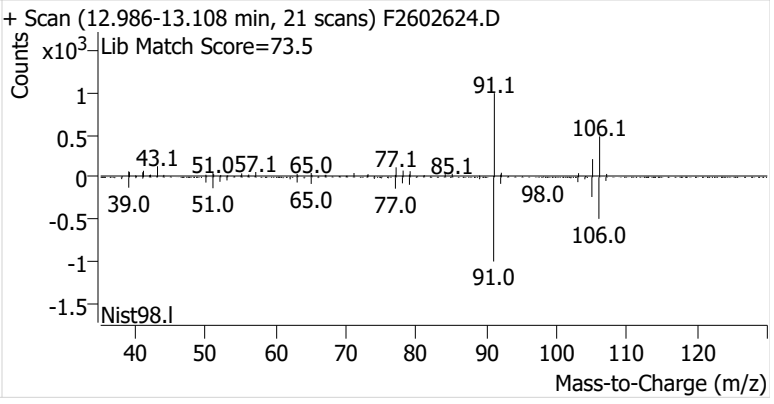
Ethylbenzene



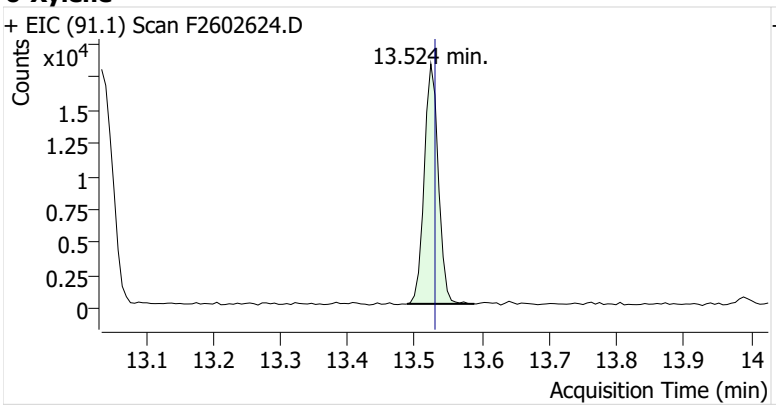


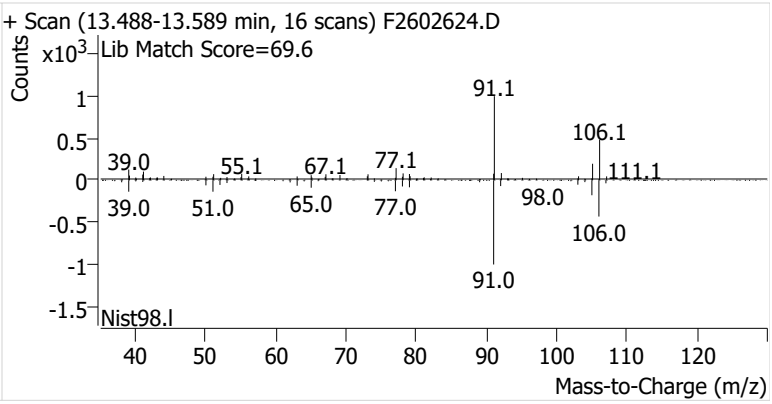
m-/p-Xylenes





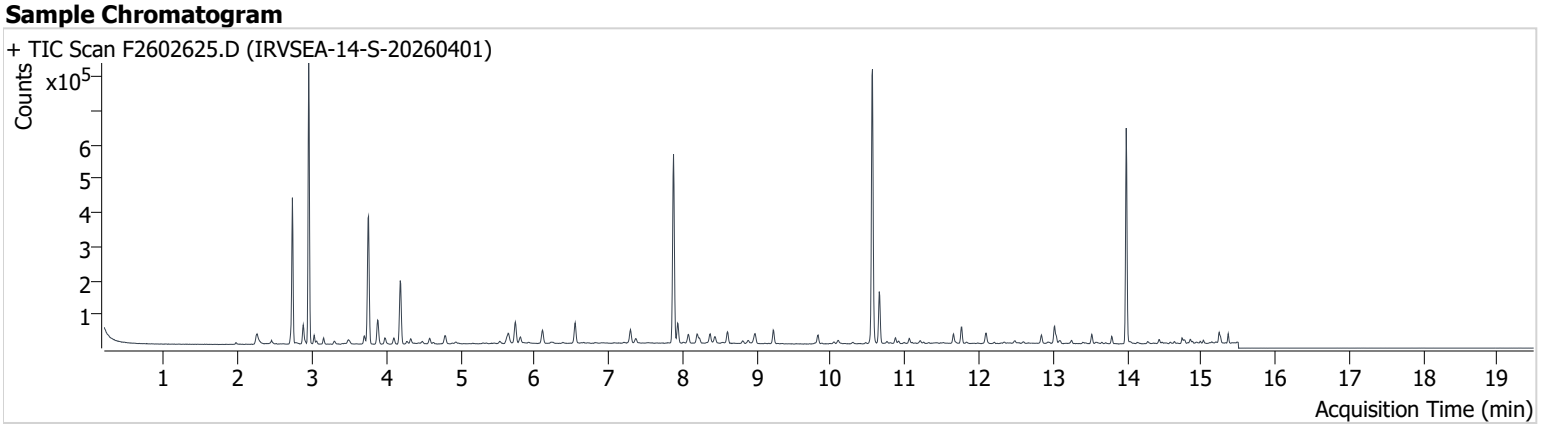
o-Xylene


+ EIC (91.1) Scan F2602624.D
Counts
x10^4
13.524 min.
1.5
1.25
1
0.75
0.5
0.25
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.488-13.589 min, 16 scans) F2602624.D
Counts
x10^3
Lib Match Score=69.6
91.1
106.1
111.1
39.0
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

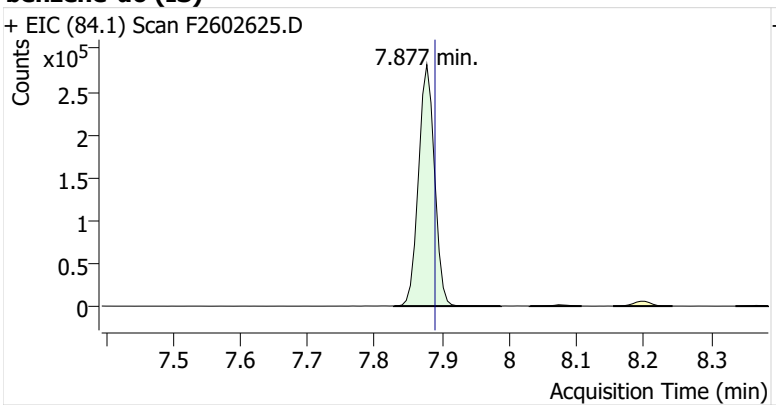
Name	IRVSEA-14-S-20260401
Comment	C69688
Data File	F2602625.D
Acq. Date-Time	4/16/2026 10:01:33 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

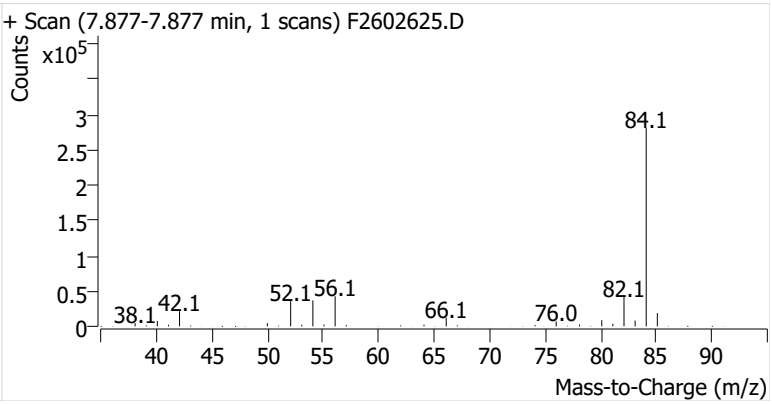
Sample Chromatogram



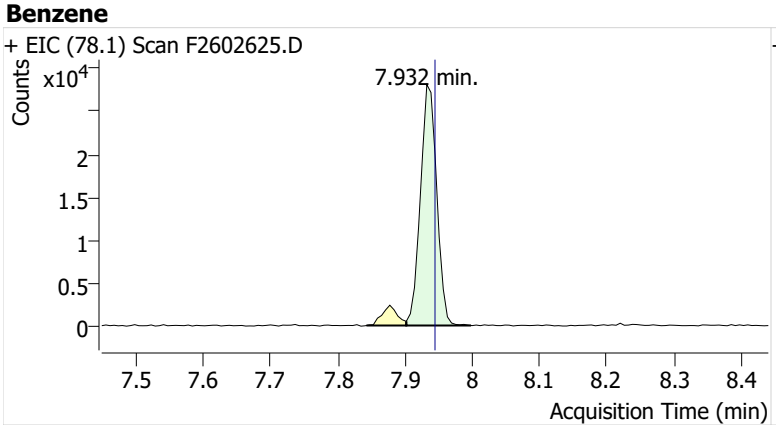
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	464,709	
Benzene	benzene-d6 (IS)	7.932	7.945	47,026	
Toluene-d8 (IS)		10.563	10.569	482,079	
Toluene	Toluene-d8 (IS)	10.655	10.667	92,153	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	13,760	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	36,338	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	14,573	

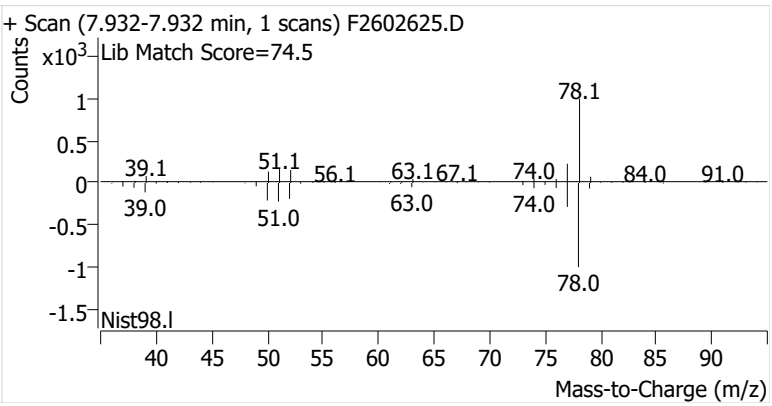
benzene-d6 (IS)



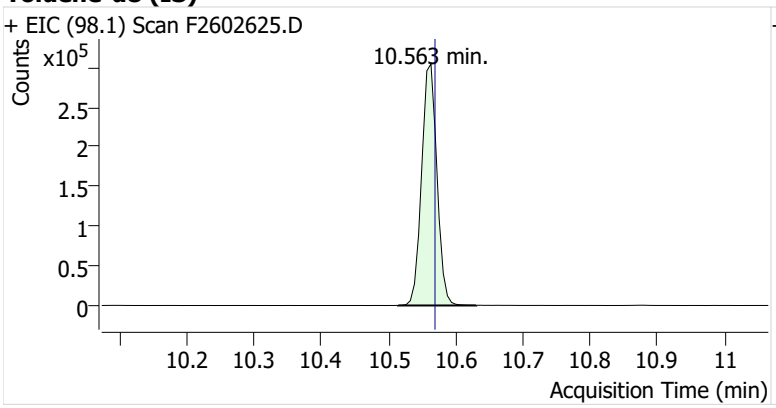


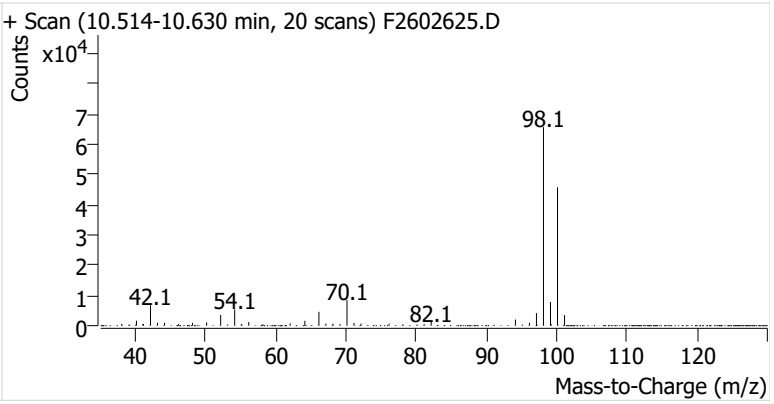
Benzene



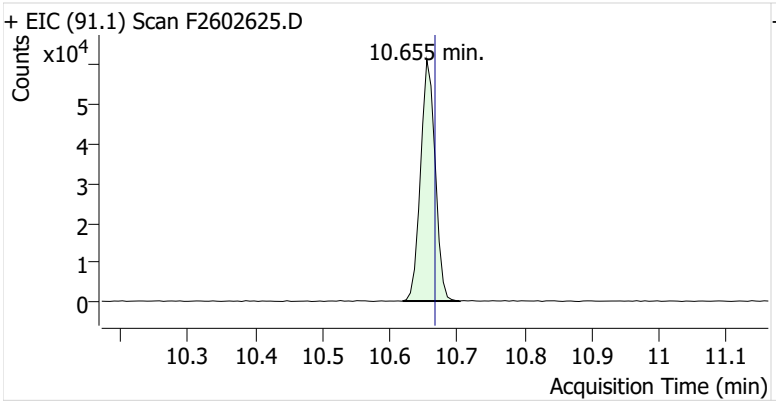


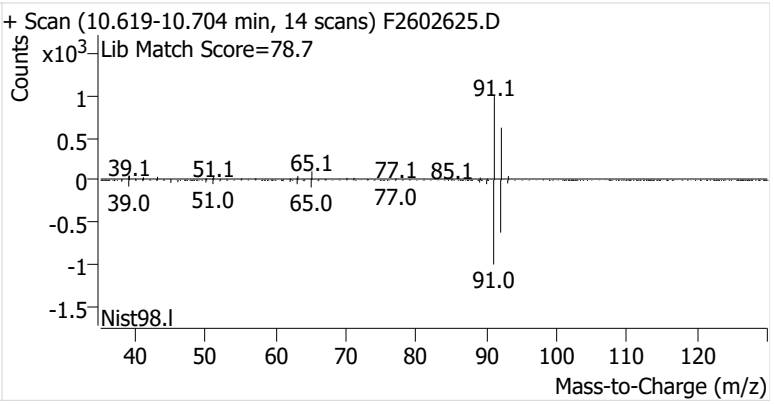
Toluene-d8 (IS)



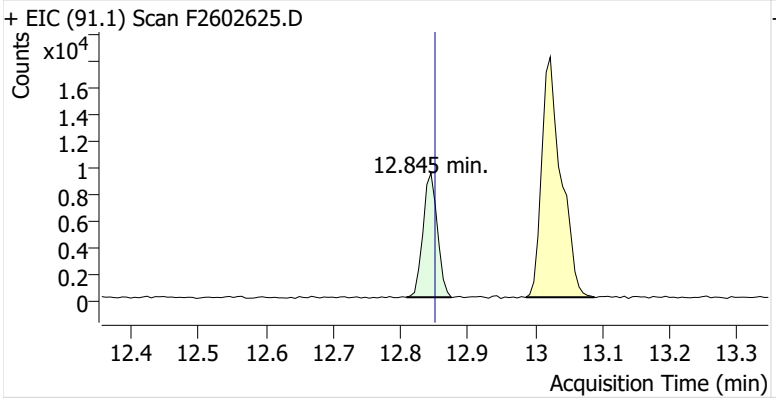


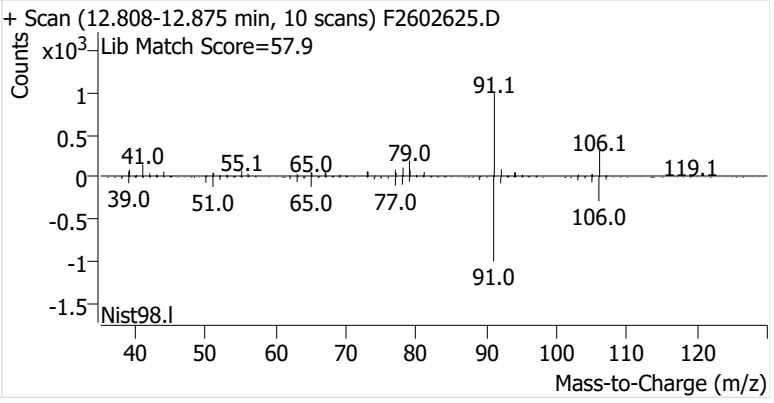
Toluene



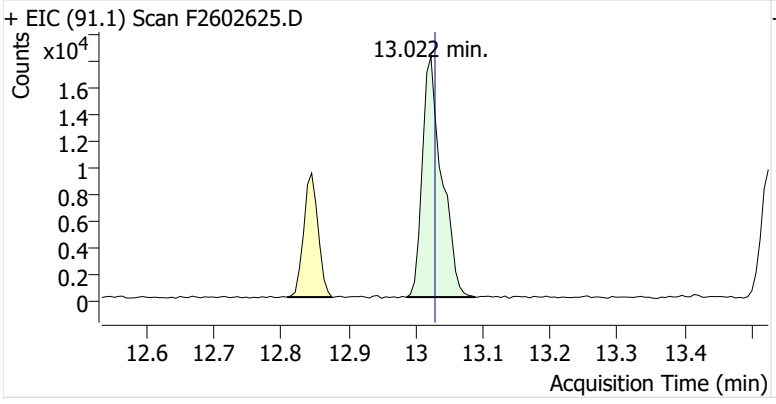


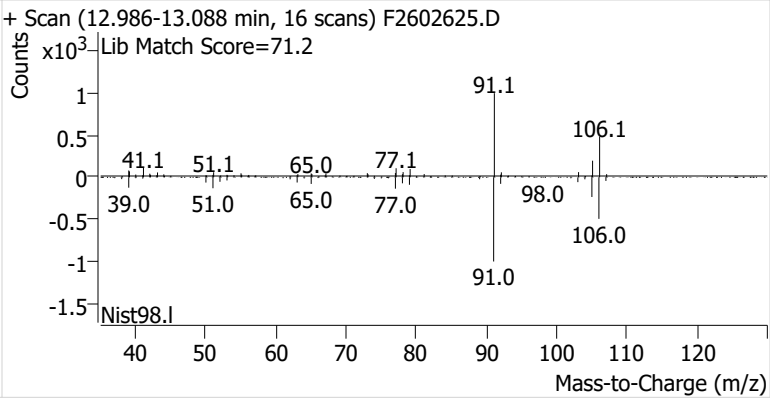
Ethylbenzene



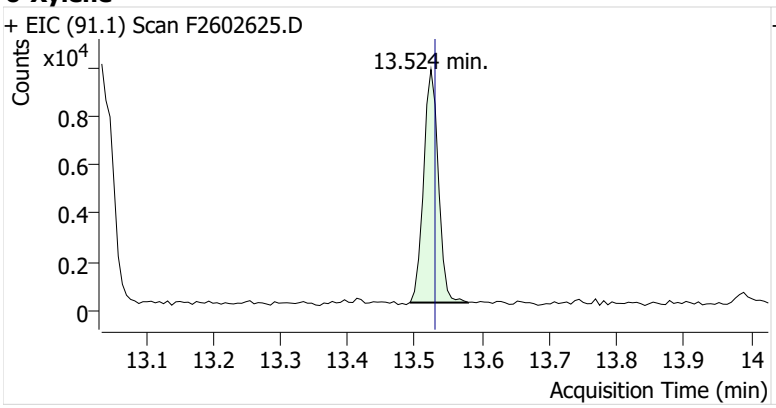


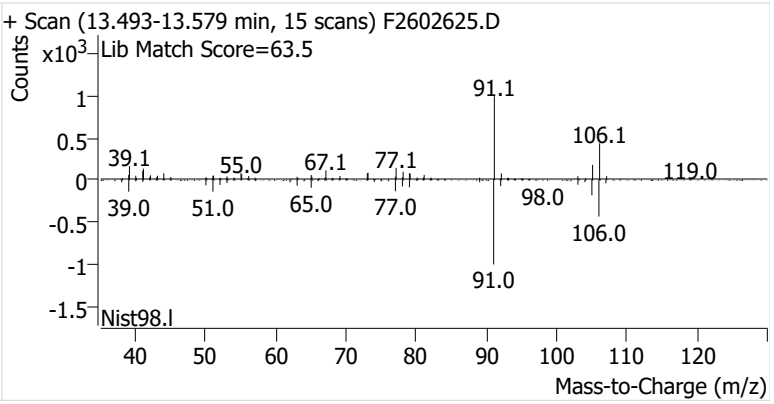
m-/p-Xylenes





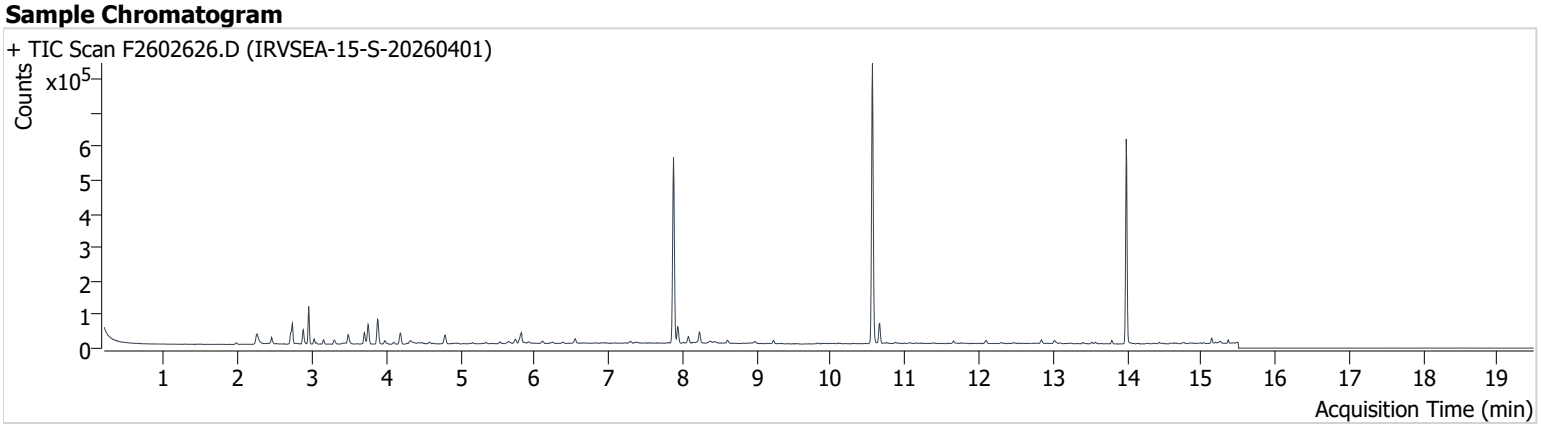
o-Xylene


+ EIC (91.1) Scan F2602625.D
Counts
x10^4
13.524 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.493-13.579 min, 15 scans) F2602625.D
Counts
x10^3
Lib Match Score=63.5
91.1
106.1
39.1
55.0
67.1
77.1
119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

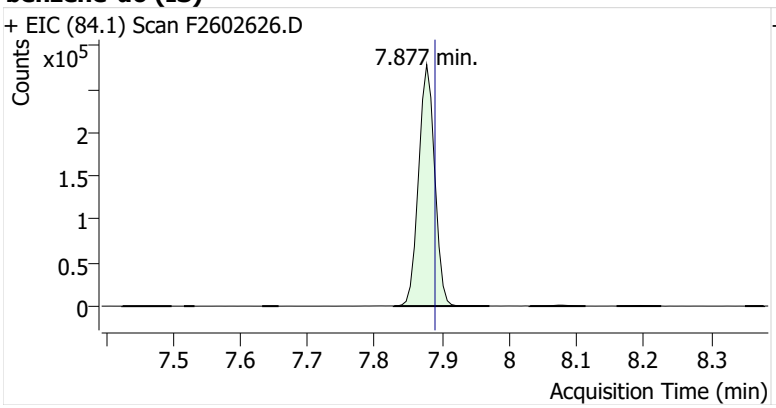
Name	IRVSEA-15-S-20260401
Comment	C71747
Data File	F2602626.D
Acq. Date-Time	4/16/2026 10:26:51 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

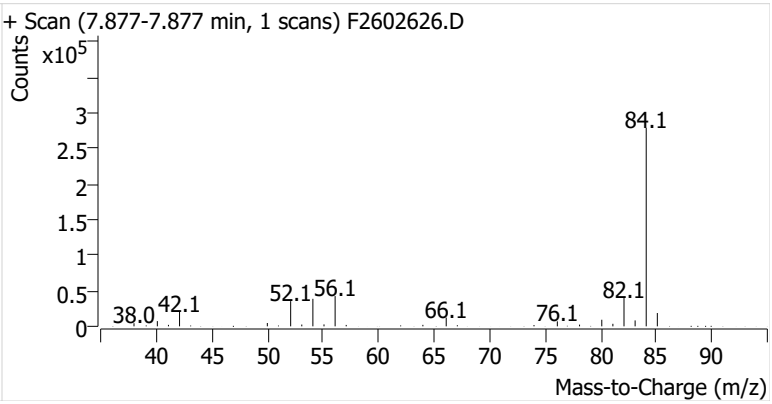
Sample Chromatogram



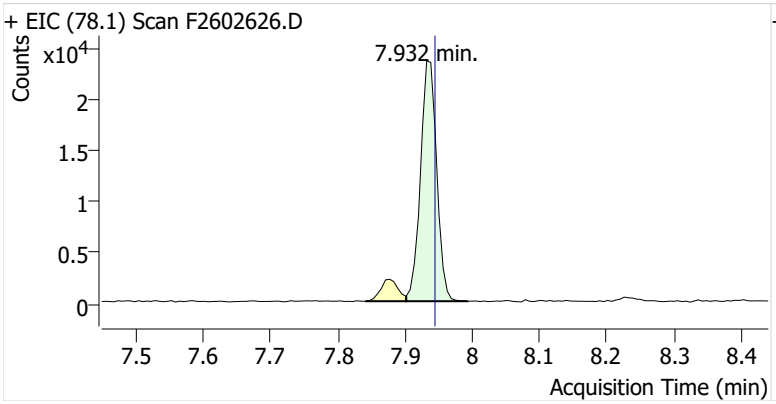
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	462,135	
Benzene	benzene-d6 (IS)	7.932	7.945	39,746	
Toluene-d8 (IS)		10.563	10.569	483,699	
Toluene	Toluene-d8 (IS)	10.655	10.667	37,489	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	3,865	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	5,628	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	2,377	

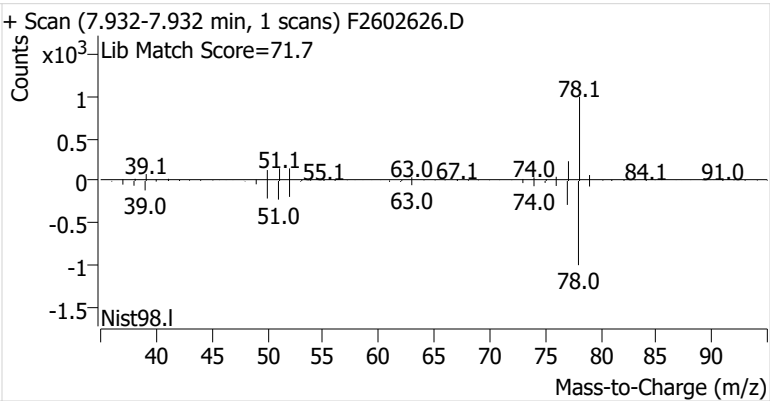
benzene-d6 (IS)



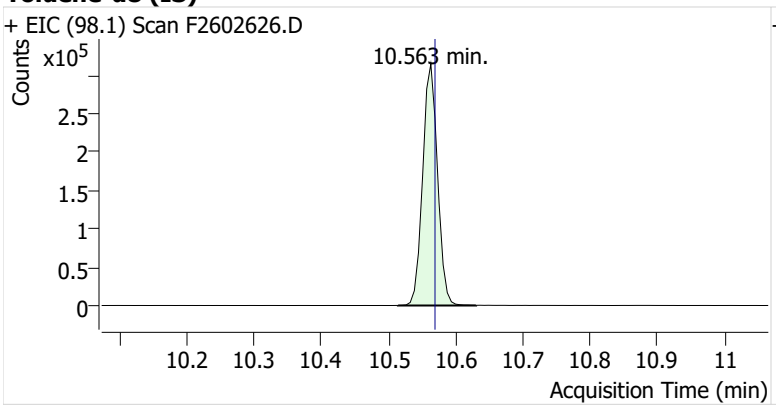


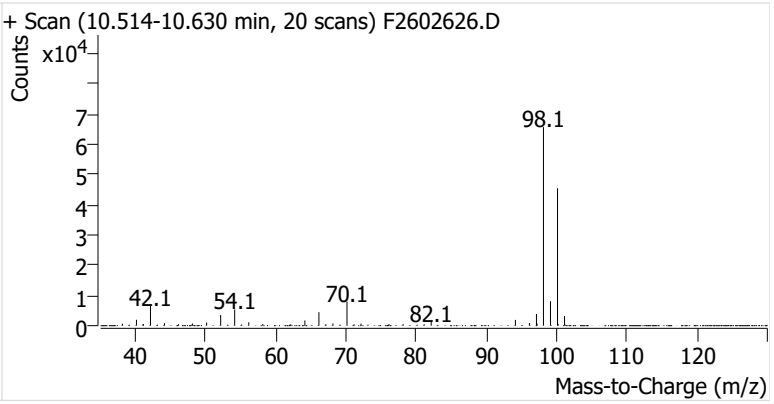
Benzene



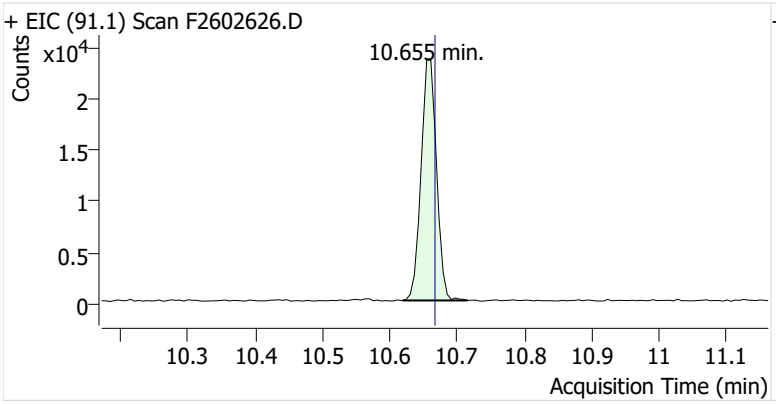


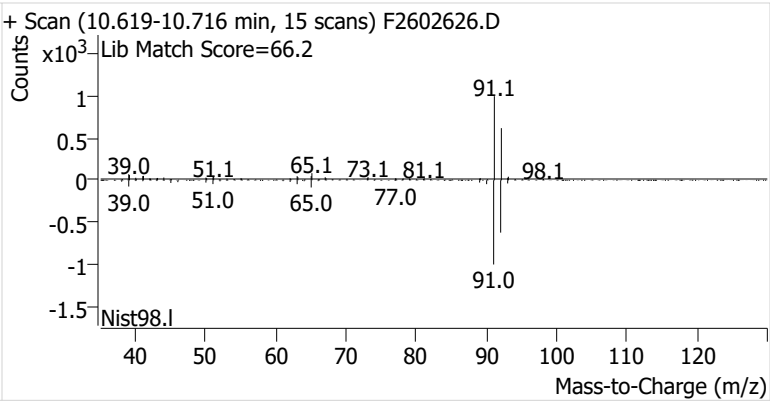
Toluene-d8 (IS)



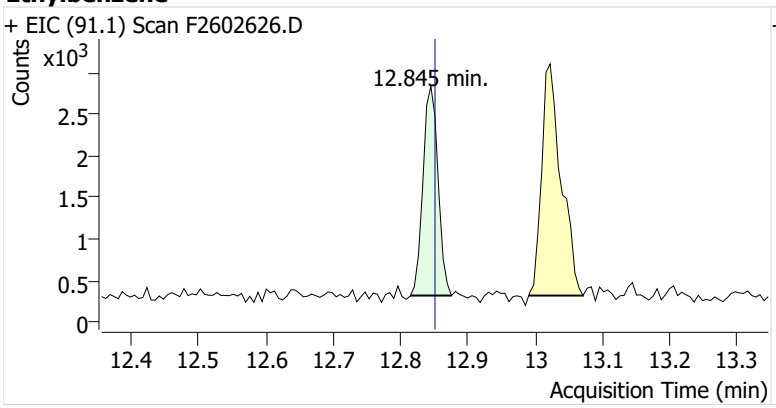


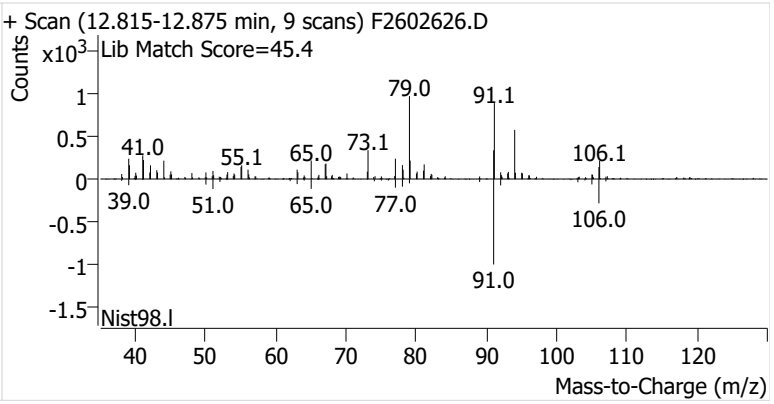
Toluene



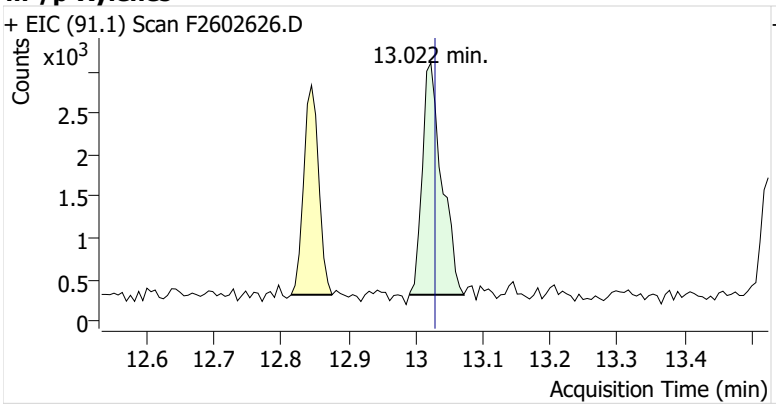


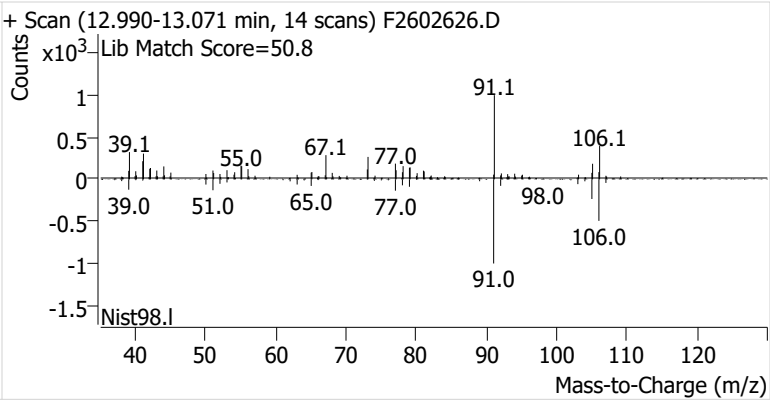
Ethylbenzene



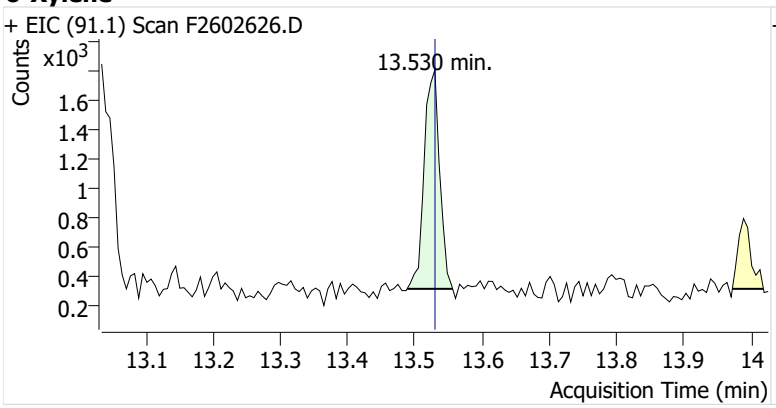


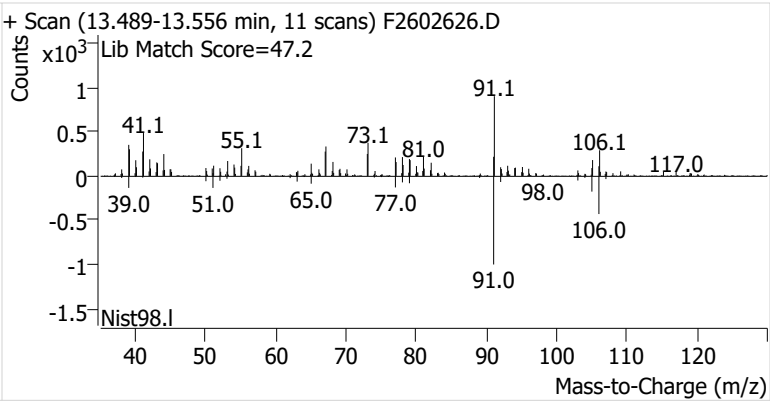
m-/p-Xylenes





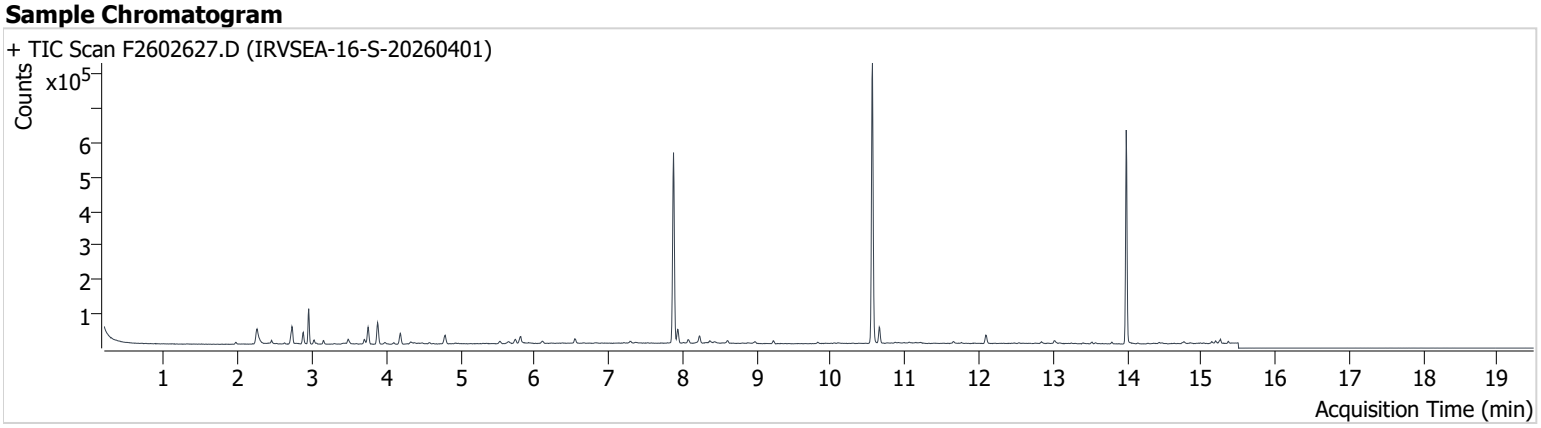
o-Xylene


+ EIC (91.1) Scan F2602626.D
Counts
x10^3
13.530 min.
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.556 min, 11 scans) F2602626.D
Counts
x10^3
Lib Match Score=47.2
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
73.1
81.0
106.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

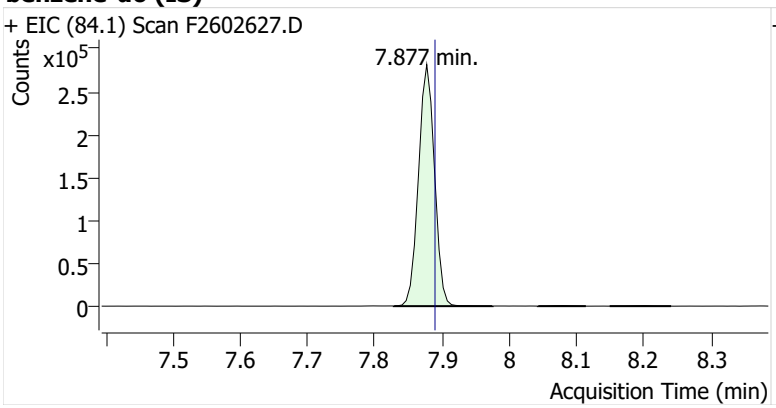
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Comment	C67357
Data File	F2602627.D
Acq. Date-Time	4/16/2026 10:52:13 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

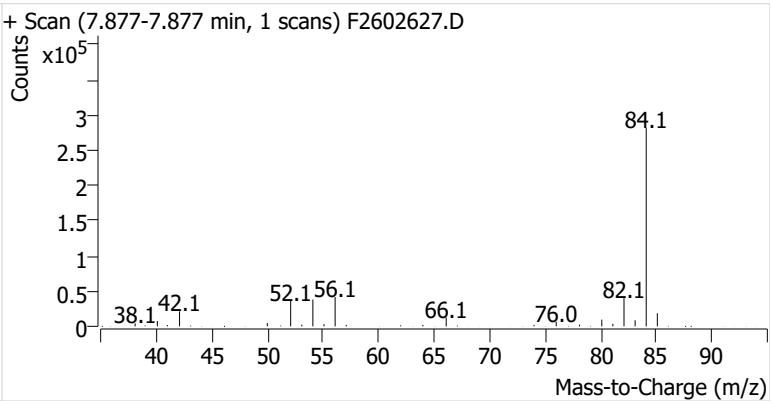
Sample Chromatogram



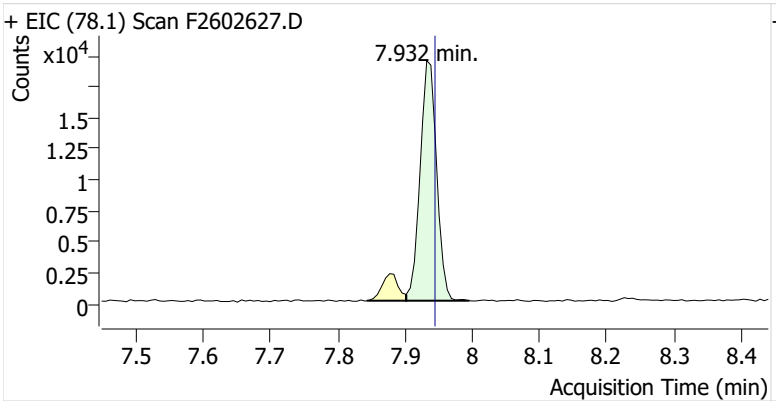
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	465,187	
Benzene	benzene-d6 (IS)	7.932	7.945	33,059	
Toluene-d8 (IS)		10.563	10.569	478,075	
Toluene	Toluene-d8 (IS)	10.655	10.667	28,831	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	2,121	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	5,890	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	2,491	

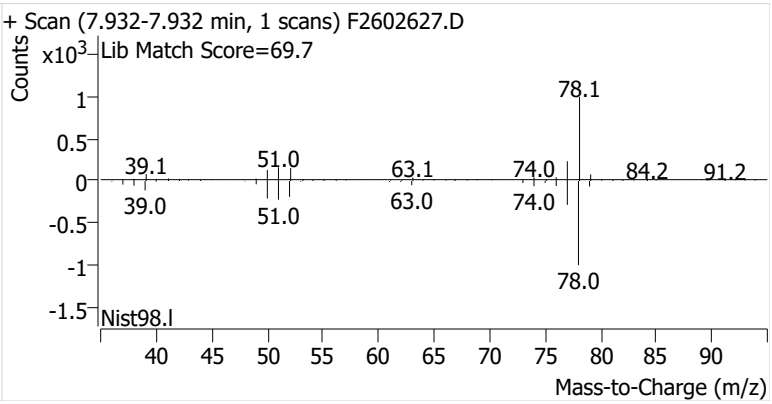
benzene-d6 (IS)



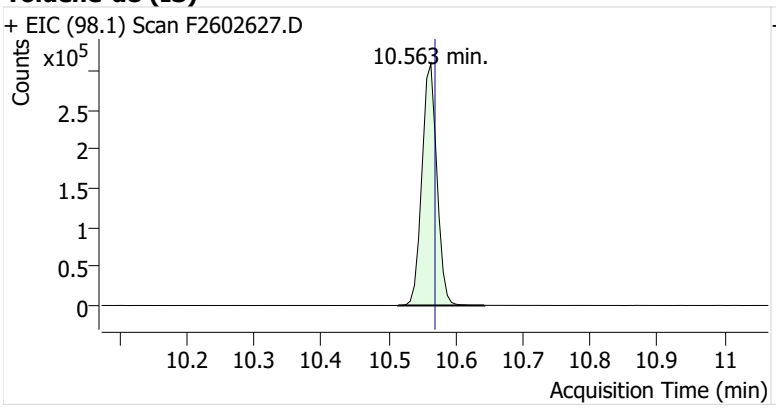


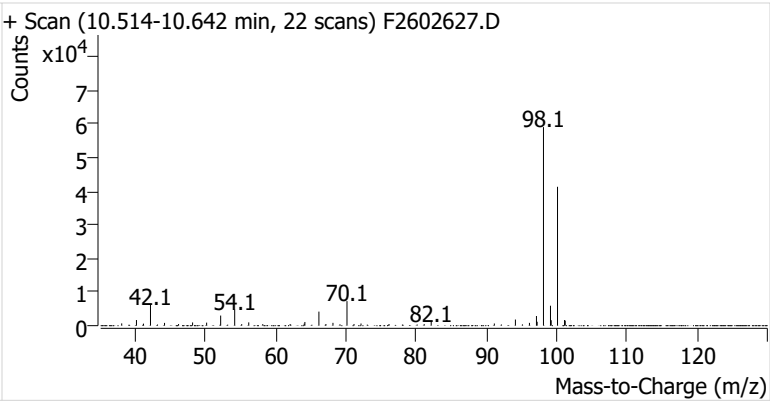
Benzene



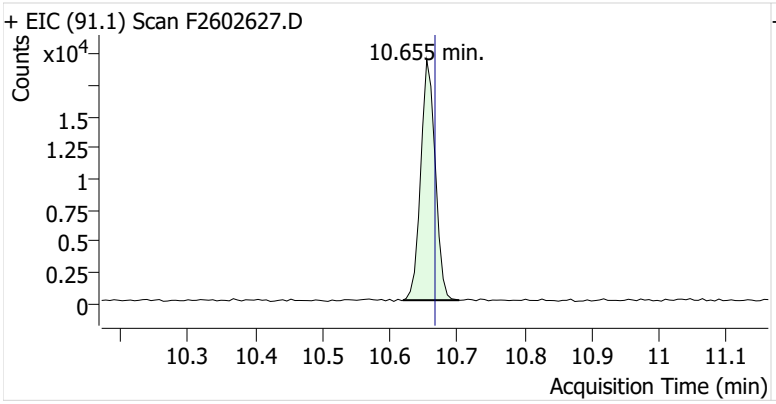


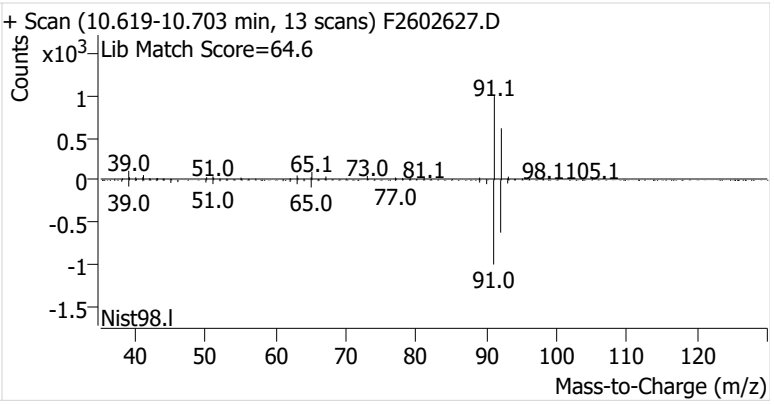
Toluene-d8 (IS)



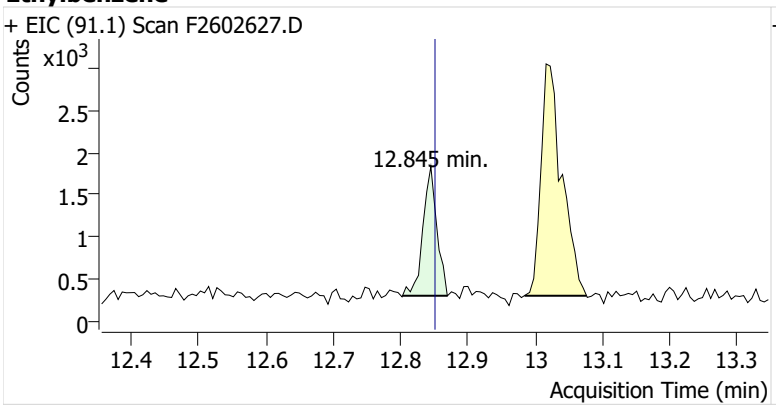


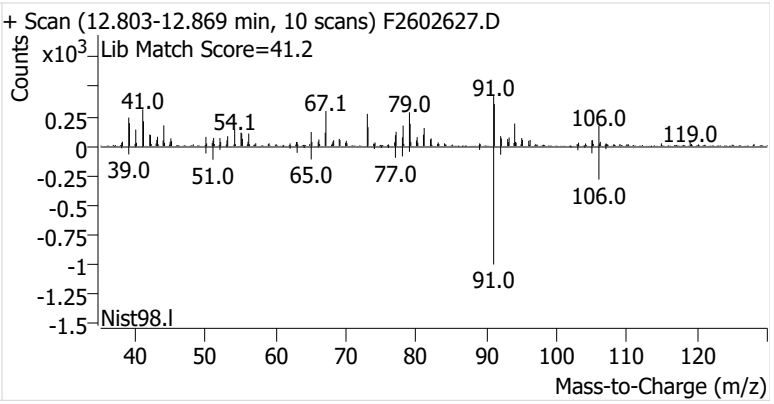
Toluene



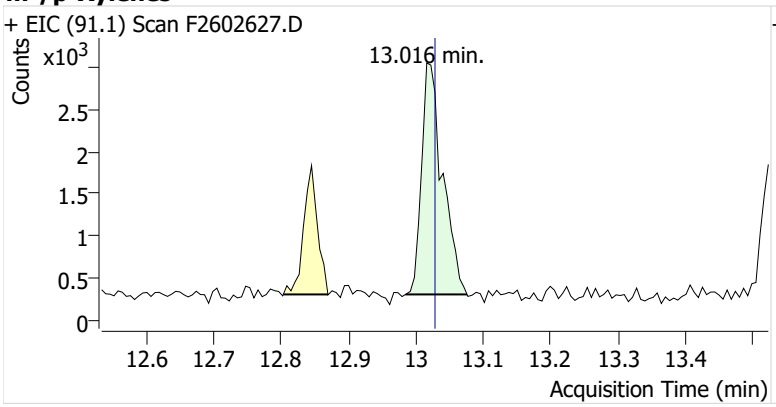


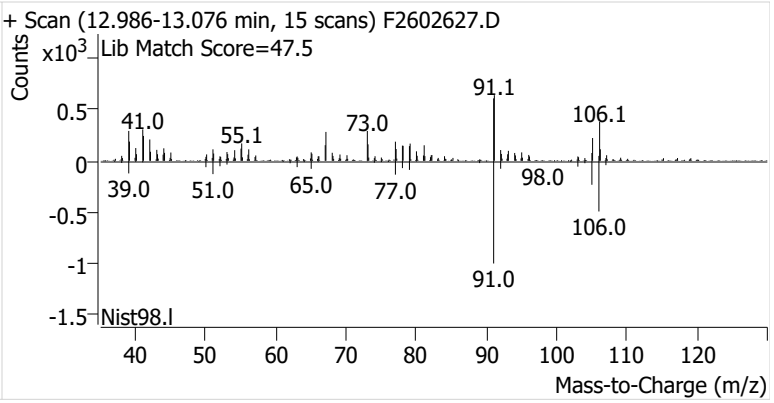
Ethylbenzene



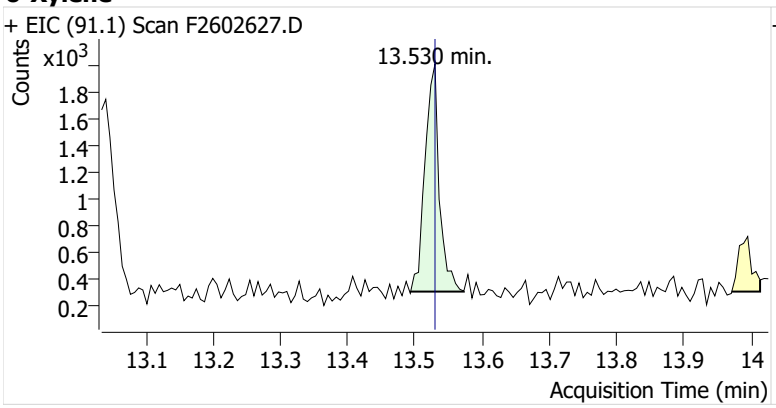


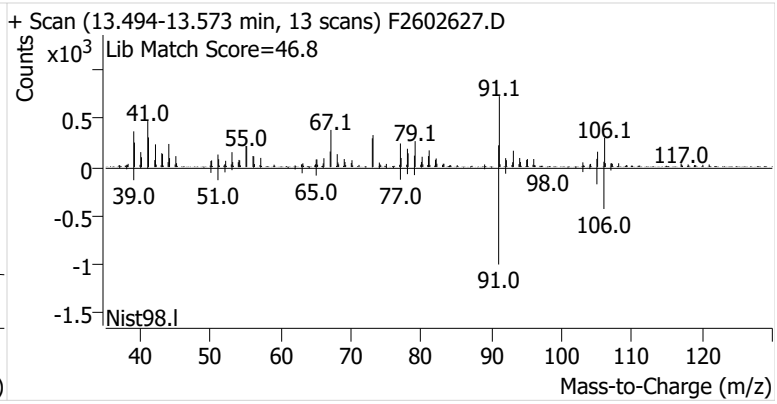
m-/p-Xylenes





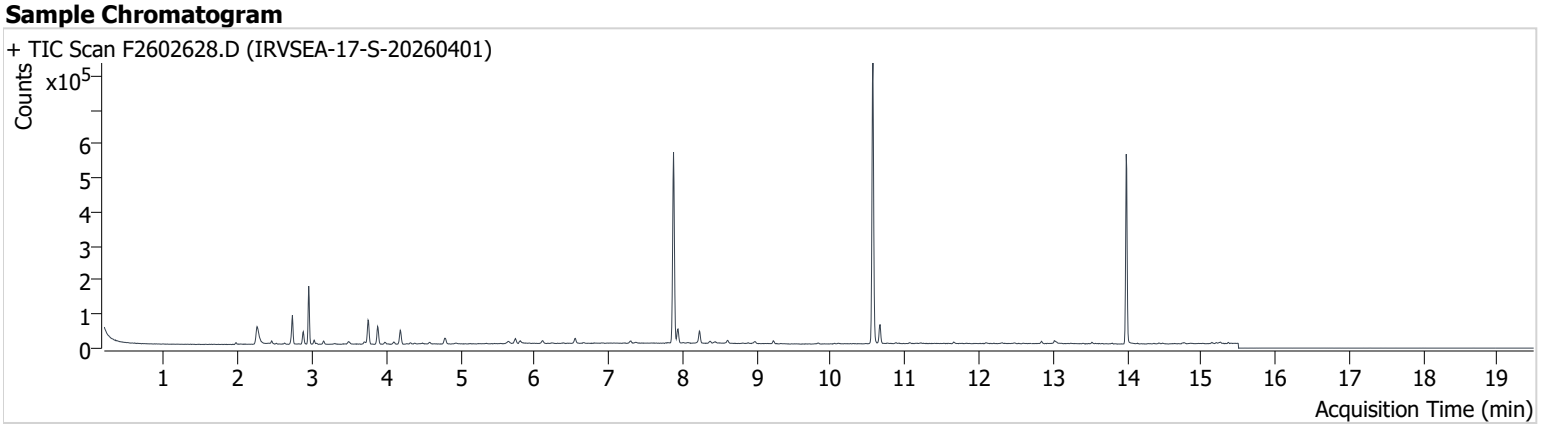
o-Xylene


+ EIC (91.1) Scan F2602627.D
Counts
x10^3
13.530 min.
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.494-13.573 min, 13 scans) F2602627.D
Counts
x10^3
Lib Match Score=46.8
0.5
0
-0.5
-1
-1.5
41.0
55.0
67.1
79.1
91.1
106.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

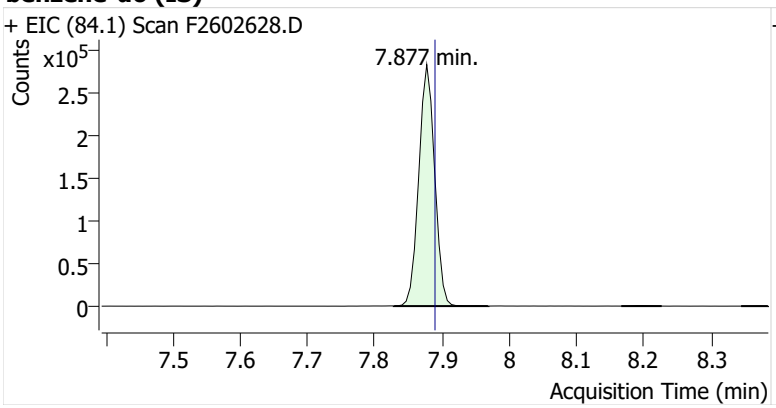
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Comment	C32703
Data File	F2602628.D
Acq. Date-Time	4/16/2026 11:17:32 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

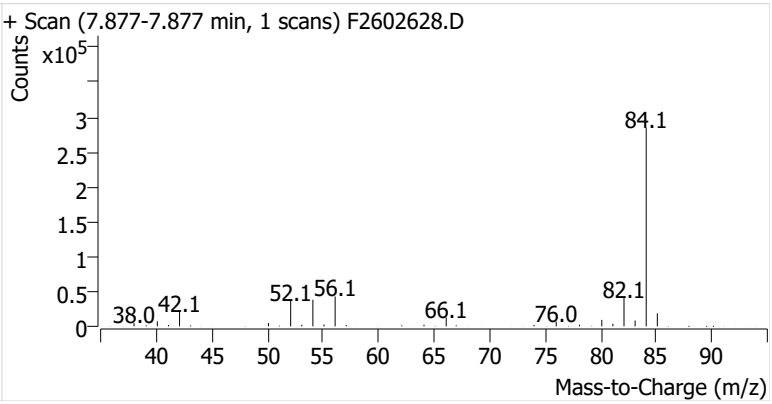
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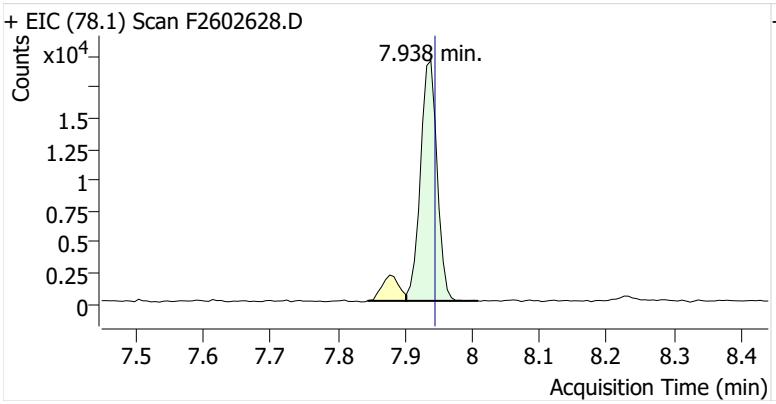
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	466,432	
Benzene	benzene-d6 (IS)	7.938	7.945	33,476	
Toluene-d8 (IS)		10.569	10.569	482,423	
Toluene	Toluene-d8 (IS)	10.661	10.667	36,061	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	3,925	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	5,735	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	2,098	

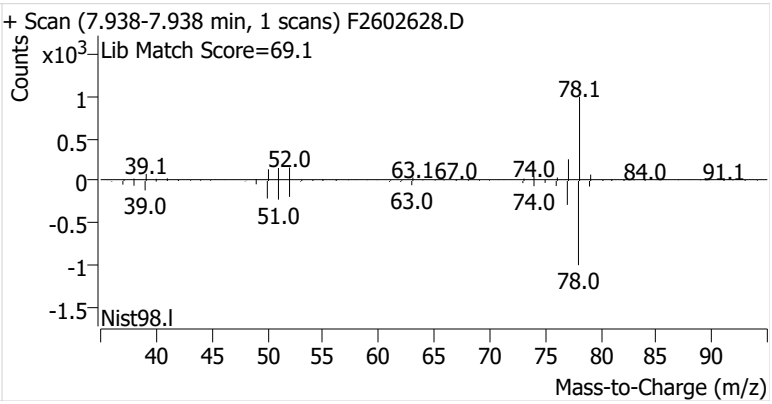
benzene-d6 (IS)



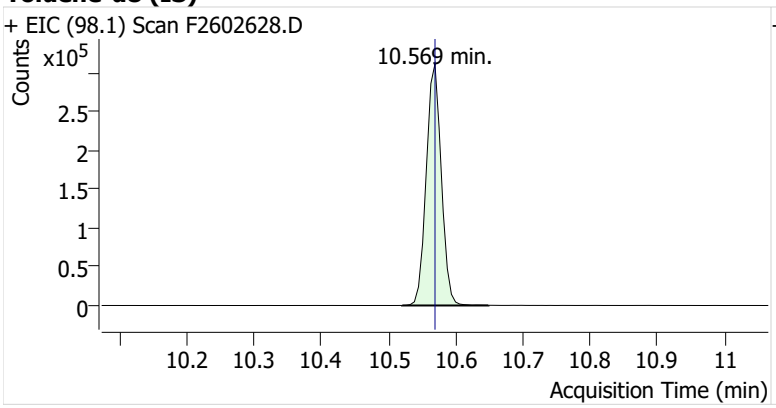


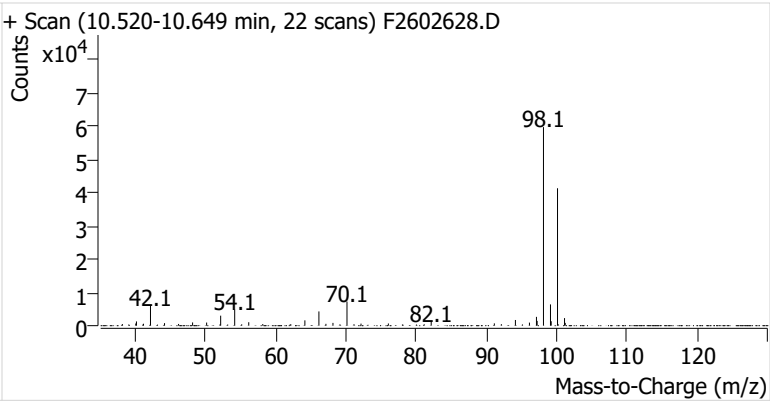
Benzene



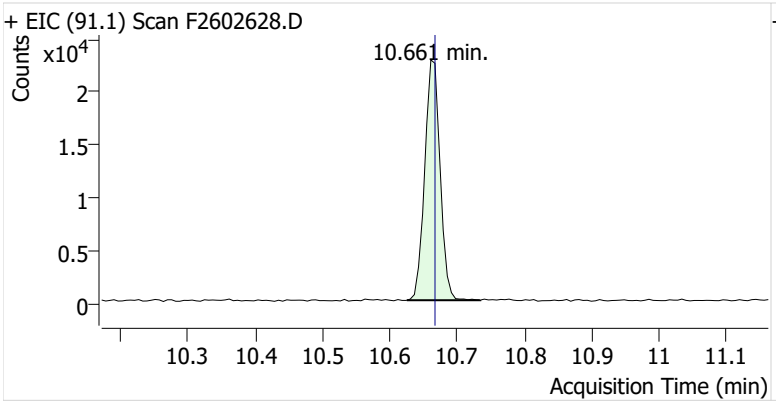


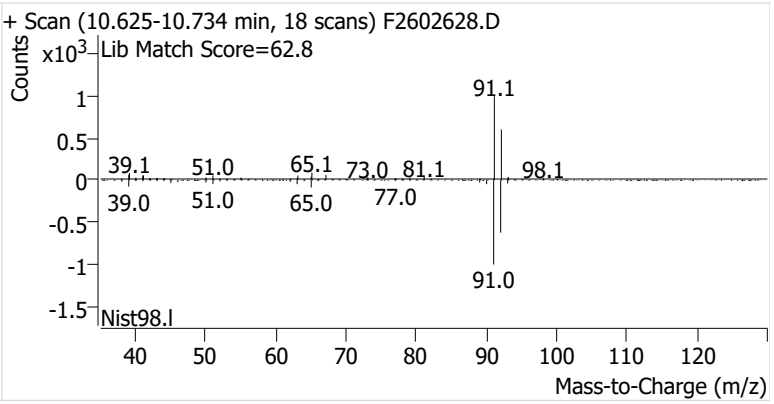
Toluene-d8 (IS)



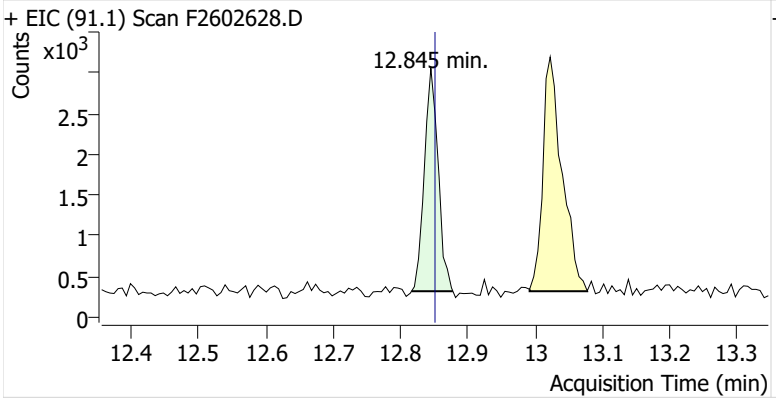


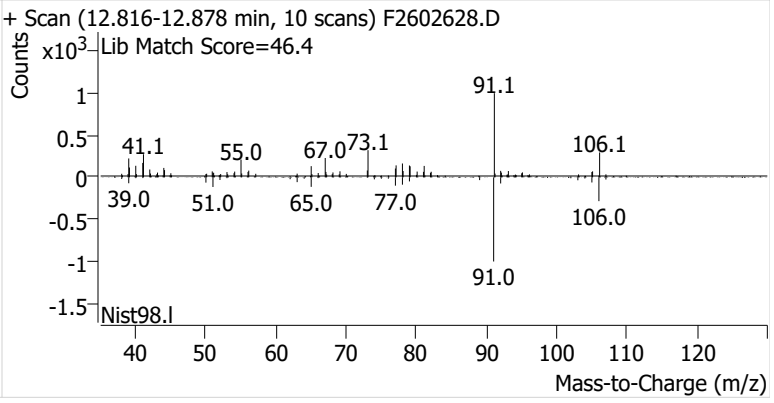
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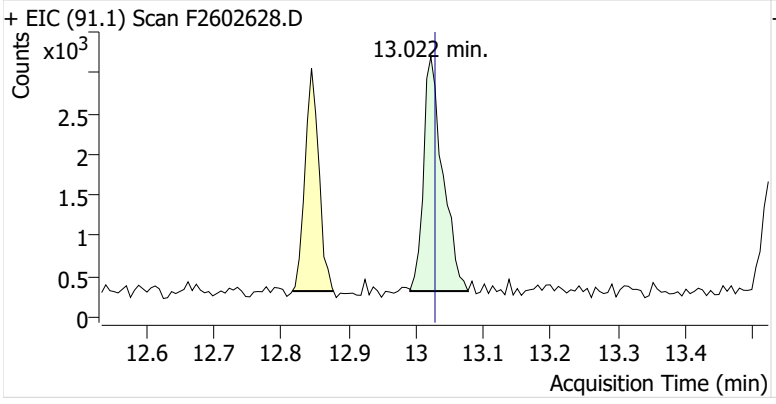


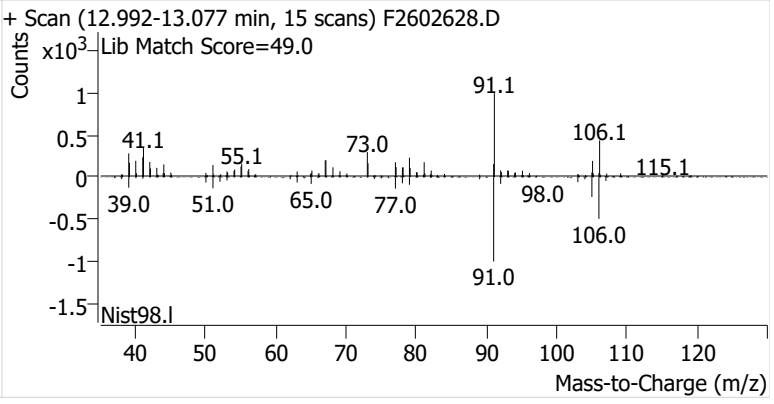
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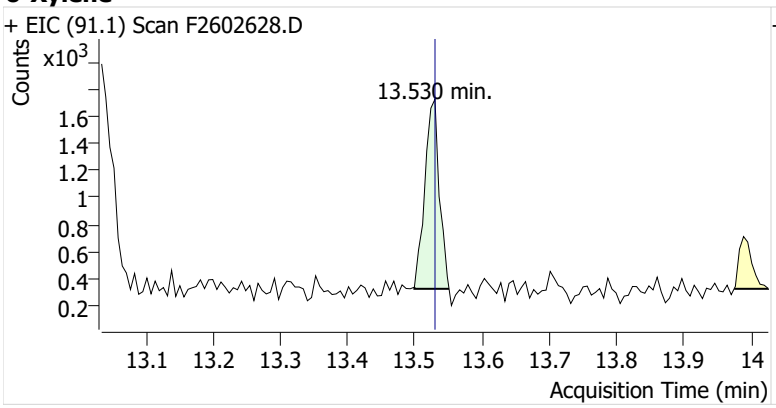


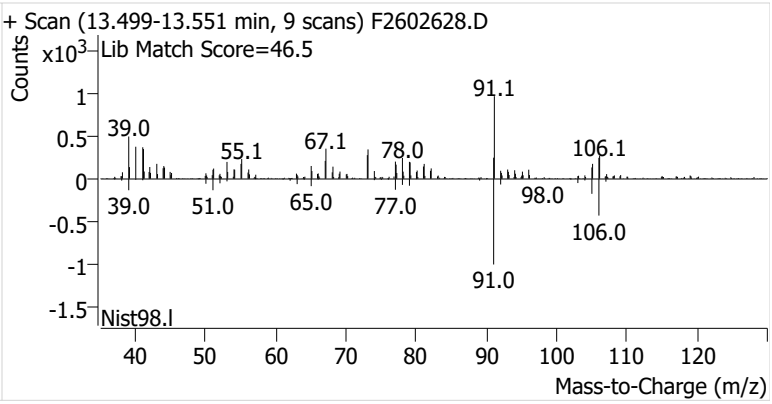
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan F2602628.D
Counts
x10^3
13.530 min.
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.499-13.551 min, 9 scans) F2602628.D
Lib Match Score=46.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
39.0
55.1
67.1
78.0
106.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	1	F2508171.D	5.96	52606	56.3	529201	0.939	0.039
F121725A_CC185154	Benzene	2	F2508172.D	11.93	90306	56.3	525740	0.811	-0.1
F121725A_CC185154	Benzene	3	F2508173.D	23.85	205594	56.3	535697	0.906	0.0032
F121725A_CC185154	Benzene	4	F2508174.D	47.70	403557	56.3	539152	0.884	-0.022
F121725A_CC185154	Benzene	5	F2508175.D	119.26	1061108	56.3	547207	0.916	0.014
F121725A_CC185154	Benzene	6	F2508176.D	238.51	2220768	56.3	544872	0.963	0.065
F121725A_CC185154	Benzene	7	F2508177.D	715.53	6456657	56.3	561348	0.906	0.0022
						Avg:	540460	0.904	
						%RSD:	2.2%	5.3%	
F121725A_CC185154	Toluene	1	F2508171.D	5.24	53241	66.1	606147	1.108	0.016
F121725A_CC185154	Toluene	2	F2508172.D	10.47	110436	66.1	616680	1.130	0.035
F121725A_CC185154	Toluene	3	F2508173.D	20.95	215705	66.1	622459	1.093	0.0017
F121725A_CC185154	Toluene	4	F2508174.D	41.90	427518	66.1	627442	1.074	-0.015
F121725A_CC185154	Toluene	5	F2508175.D	104.74	1078346	66.1	633720	1.073	-0.016
F121725A_CC185154	Toluene	6	F2508176.D	209.48	2208644	66.1	634907	1.097	0.0055
F121725A_CC185154	Toluene	7	F2508177.D	628.45	6371104	66.1	630656	1.062	-0.027
						Avg:	624573	1.091	
						%RSD:	1.7%	2.1%	
F121725A_CC185154	Ethylbenzene	1	F2508171.D	5.44	52701	66.1	606147	1.055	-0.083
F121725A_CC185154	Ethylbenzene	2	F2508172.D	10.89	103364	66.1	616680	1.017	-0.12
F121725A_CC185154	Ethylbenzene	3	F2508173.D	21.77	249010	66.1	622459	1.214	0.055
F121725A_CC185154	Ethylbenzene	4	F2508174.D	43.54	510214	66.1	627442	1.234	0.073
F121725A_CC185154	Ethylbenzene	5	F2508175.D	108.86	1213007	66.1	633720	1.162	0.0099
F121725A_CC185154	Ethylbenzene	6	F2508176.D	217.72	2518155	66.1	634907	1.204	0.046
F121725A_CC185154	Ethylbenzene	7	F2508177.D	653.16	7272682	66.1	630656	1.166	0.014
						Avg:	624573	1.150	
						%RSD:	1.7%	7.2%	
F121725A_CC185154	m-/p-Xylenes	1	F2508171.D	6.10	45227	66.1	606147	0.808	-0.14
F121725A_CC185154	m-/p-Xylenes	2	F2508172.D	12.20	93766	66.1	616680	0.823	-0.12
F121725A_CC185154	m-/p-Xylenes	3	F2508173.D	24.40	229774	66.1	622459	0.999	0.064
F121725A_CC185154	m-/p-Xylenes	4	F2508174.D	48.80	467094	66.1	627442	1.008	0.072
F121725A_CC185154	m-/p-Xylenes	5	F2508175.D	122.00	1082720	66.1	633720	0.925	-0.015
F121725A_CC185154	m-/p-Xylenes	6	F2508176.D	244.00	2328036	66.1	634907	0.993	0.056
F121725A_CC185154	m-/p-Xylenes	7	F2508177.D	732.01	7137741	66.1	630656	1.021	0.087
						Avg:	624573	0.940	
						%RSD:	1.7%	9.6%	
F121725A_CC185154	o-Xylene	1	F2508171.D	5.67	42268	66.1	606147	0.812	-0.14
F121725A_CC185154	o-Xylene	2	F2508172.D	11.35	85951	66.1	616680	0.812	-0.14
F121725A_CC185154	o-Xylene	3	F2508173.D	22.69	217910	66.1	622459	1.019	0.08

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2026GG202-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	o-Xylene	4	F2508174.D	45.38	446025	66.1	627442	1.035	0.097
F121725A_CC185154	o-Xylene	5	F2508175.D	113.46	1032192	66.1	633720	0.948	0.0051
F121725A_CC185154	o-Xylene	6	F2508176.D	226.92	2179717	66.1	634907	1.000	0.059
F121725A_CC185154	o-Xylene	7	F2508177.D	680.75	6366952	66.1	630656	0.980	0.038
						Avg:	624573	0.944	
						%RSD:	1.7%	10.0%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	ICV	F2508178.D	443.46	3919944	56.3	563465	0.884	-2.2%
F121725A_CC185154	Toluene	ICV	F2508178.D	454.10	4554523	66.1	629158	1.053	-3.5%
F121725A_CC185154	Ethylbenzene	ICV	F2508178.D	448.99	4890504	66.1	629158	1.144	-0.6%
F121725A_CC185154	m-/p-Xylenes	ICV	F2508178.D	455.97	3870637	66.1	629158	0.891	-5.1%
F121725A_CC185154	o-Xylene	ICV	F2508178.D	456.85	3921714	66.1	629158	0.901	-4.5%

M325B PDF Report ver.20260203

Sample Custody

2026GG202

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 1

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Irving Searsport Terminal	**Client Name:**	Montrose Air Quality Services, LLC	**PO#:**	
Site Address:	52 Station Ave.	**Project Number:**	PROJ-050105	**Sample Event #**	2026GG202
City:	Searsport	**Project Manager:**	Sabarish Selvarajan	**Sorbent:**	Carbopak-X
State	Maine	**Email Address:**	sabarishselvarajan@montrose-env.com		
Zip:	04401	**Telephone #:**	973-722-7895		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C37461	S	4/1/26	10:16 AM	4/15/26	11:00 AM	KV/LF		
2	C16090	S	4/1/26	10:20 AM	4/15/26	12:05 PM	KV/LF		
2	C60244	D	4/1/26	10:20 AM	4/15/26	12:05 PM	KV/LF		
2	C00824	B	4/1/26	10:20 AM	4/15/26	12:05 PM	KV/LF		
3	C24172	S	4/1/26	10:23 AM	4/15/26	12:00 PM	KV/LF		
4	C69465	S	4/1/26	10:26 AM	4/15/26	11:55 AM	KV/LF		
5	C24210	S	4/1/26	10:29 AM	4/15/26	11:50 AM	KV/LF		
6	B50713	S	4/1/26	10:32 AM	4/15/26	11:45 AM	KV/LF		
7	C57122	S	4/1/26	10:35 AM	4/15/26	11:40 AM	KV/LF		
8	C39274	S	4/1/26	10:37 AM	4/15/26	11:30 AM	KV/LF		
8	B45091	D	4/1/26	10:37 AM	4/15/26	11:30 AM	KV/LF		
8	B49544	B	4/1/26	10:37 AM	4/15/26	11:30 AM	KV/LF		
9	C57416	S	4/1/26	10:39 AM	4/15/26	11:30 AM	KV/LF		
10	C70792	S	4/1/26	10:41 AM	4/15/26	11:28 AM	KV/LF		
11	C71559	S	4/1/26	10:43 AM	4/15/26	11:25 AM	KV/LF		
12	C67316	S	4/1/26	10:05 AM	4/15/26	11:15 AM	KV/LF		
13	C57728	S	4/1/26	10:10 AM	4/15/26	11:10 AM	KV/LF		
14	C69688	S	4/1/26	10:11 AM	4/15/26	11:05 AM	KV/LF		
15	C71747	S	4/1/26	11:13 AM	4/15/26	12:19 PM	KV/LF		
16	C67357	S	4/1/26	11:16 AM	4/15/26	12:23 PM	KV/LF		
17	C32703	S	4/1/26	11:19 AM	4/15/26	12:27 PM	KV/LF		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Lottie Franck	LF	4/15/2026	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Ev Manger		4/16/26	9:55 AM

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
good			**Benzene** **Toluene** **Ethylbenzene** **O-xylenes, m-/p-xylenes**	Y	
Ice Temp:	Blank Temp: 21.6	Fluke 4		Add Custody Seal # below: 23J02180	

Comments:

This Is The Last Page Of This Report.

ENTHALPY ANALYTICAL

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 42 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 4/30/2026

Analytical Report
2026GG203

EPA Method 325B Analysis

Report Issue Date: 5/7/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matt Cavanaugh
Matthew.Cavanaugh@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG203-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Onterris/Enthalpy on April 30, 2026 at 15.1 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260415	C16128	Sample
IRVSEA-2-S-20260415	B46160	Sample
IRVSEA-2-D-20260415	C73545	Duplicate
IRVSEA-2-B-20260415	C01564	Blank
IRVSEA-3-S-20260415	B39455	Sample
IRVSEA-4-S-20260415	C38950	Sample
IRVSEA-5-S-20260415	C36915	Sample
IRVSEA-6-S-20260415	C37433	Sample
IRVSEA-7-S-20260415	C57719	Sample
IRVSEA-8-S-20260415	C43598	Sample
IRVSEA-8-D-20260415	C33442	Duplicate
IRVSEA-8-B-20260415	C43873	Blank
IRVSEA-9-S-20260415	C71526	Sample
IRVSEA-10-S-20260415	C69740	Sample
IRVSEA-11-S-20260415	C20574	Sample
IRVSEA-12-S-20260415	C43592	Sample
IRVSEA-13-S-20260415	C02208	Sample
IRVSEA-14-S-20260415	B38433	Sample
IRVSEA-15-S-20260415	C40697	Sample
IRVSEA-16-S-20260415	C01403	Sample
IRVSEA-17-S-20260415	C53608	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B.MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG203-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (GN121625A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

EPA Method 325B states that a CCV is to be run after every tenth sample. Eleven samples were inadvertently injected between two CCVs. This oversight, while a deviation from Method QC criteria, has no impact on data quality.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Onterris/Enthalpy, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260415	C16128	0.534		1.52		0.279	ND	0.590	J	0.279	ND
IRVSEA-2-S-20260415	B46160	0.511		1.43		0.291	J	0.744		0.280	ND
IRVSEA-2-D-20260415	C73545	0.538		1.62		0.280	ND	0.847		0.319	J
IRVSEA-2-B-20260415	C01564	0.192	ND	0.247	ND	0.280	ND	0.280	ND	0.280	ND
IRVSEA-3-S-20260415	B39455	0.472		1.44		0.322	J	0.886		0.280	ND
IRVSEA-4-S-20260415	C38950	0.510		1.55		0.394	J	1.03		0.279	ND
IRVSEA-5-S-20260415	C36915	0.508		1.69		0.308	J	0.769		0.279	ND
IRVSEA-6-S-20260415	C37433	0.837		3.69		0.681		2.00		0.712	
IRVSEA-7-S-20260415	C57719	1.21		5.97		1.14		4.00		1.43	
IRVSEA-8-S-20260415	C43598	1.53		7.91		1.47		4.86		1.78	
IRVSEA-8-D-20260415	C33442	1.53		8.14		1.53		5.10		1.90	
IRVSEA-8-B-20260415	C43873	0.192	ND	0.247	ND	0.279	ND	0.279	ND	0.279	ND
IRVSEA-9-S-20260415	C71526	0.972		3.91		0.705		2.60		0.957	
IRVSEA-10-S-20260415	C69740	1.22		6.08		1.31		4.81		1.76	
IRVSEA-11-S-20260415	C20574	1.22		5.44		1.03		3.19		1.18	
IRVSEA-12-S-20260415	C43592	1.00		4.84		0.876		3.00		1.07	
IRVSEA-13-S-20260415	C02208	0.659		2.51		0.478	J	1.25		0.453	J
IRVSEA-14-S-20260415	B38433	0.443	J	1.42		0.279	ND	0.670	J	0.279	ND
IRVSEA-15-S-20260415	C40697	0.322	J	0.470	J	0.279	ND	0.279	ND	0.279	ND
IRVSEA-16-S-20260415	C01403	0.296	J	0.449	J	0.279	ND	0.279	ND	0.279	ND
IRVSEA-17-S-20260415	C53608	0.318	J	0.491	J	0.279	ND	0.279	ND	0.279	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260415	C16128	0.534	0.167	6.97	44.7	0.650	20108	0.191	0.455	0.0600	0.142		GN2602326.d	2026-04-30 16:21	1.503	8.060	60691	326247	56.3	8.002	-3.1%
IRVSEA-2-S-20260415	B46160	0.511	0.160	6.65	44.7	0.650	20047	0.192	0.456	0.0601	0.143		GN2602327.d	2026-04-30 16:46	1.503	8.060	58100	327389	56.3	8.002	-2.7%
IRVSEA-2-D-20260415	C73545	0.538	0.168	7.00	44.7	0.650	20047	0.192	0.456	0.0601	0.143		GN2602328.d	2026-04-30 17:11	1.503	8.060	52164	279036	56.3	8.002	-17.1%
IRVSEA-2-B-20260415	C01564	0.192	0.0601		44.7	0.650	20047	0.192	0.456	0.0601	0.143	ND	GN2602324.d	2026-04-30 15:33	1.503	8.052	5554	312649	56.3	7.995	-7.1%
IRVSEA-3-S-20260415	B39455	0.472	0.148	6.15	44.7	0.650	20055	0.192	0.456	0.0601	0.143		GN2602329.d	2026-04-30 17:37	1.503	8.052	45481	276949	56.3	7.995	-17.7%
IRVSEA-4-S-20260415	C38950	0.510	0.160	6.65	44.7	0.650	20063	0.192	0.456	0.0601	0.143		GN2602330.d	2026-04-30 18:02	1.503	8.060	47375	267034	56.3	7.995	-20.7%
IRVSEA-5-S-20260415	C36915	0.508	0.159	6.63	44.7	0.650	20070	0.192	0.456	0.0601	0.143		GN2602331.d	2026-04-30 18:28	1.503	8.060	57205	323414	56.3	8.002	-3.9%
IRVSEA-6-S-20260415	C37433	0.837	0.262	10.9	44.7	0.650	20077	0.192	0.455	0.0600	0.143		GN2602332.d	2026-04-30 18:53	1.503	8.060	81692	280294	56.3	8.002	-16.7%
IRVSEA-7-S-20260415	C57719	1.21	0.380	15.8	44.7	0.650	20084	0.192	0.455	0.0600	0.143		GN2602333.d	2026-04-30 19:19	1.503	8.059	117771	278893	56.3	8.002	-17.1%
IRVSEA-8-S-20260415	C43598	1.53	0.479	20.0	44.7	0.650	20096	0.192	0.455	0.0600	0.143		GN2602335.d	2026-04-30 20:09	1.503	8.060	151198	283521	56.3	8.002	-15.8%
IRVSEA-8-D-20260415	C33442	1.53	0.480	20.0	44.7	0.650	20096	0.192	0.455	0.0600	0.143		GN2602336.d	2026-04-30 20:34	1.503	8.059	147674	276708	56.3	8.002	-17.8%
IRVSEA-8-B-20260415	C43873	0.192	0.0600		44.7	0.650	20096	0.192	0.455	0.0600	0.143	ND	GN2602347.d	2026-05-01 07:54	1.503	8.052	6297	284257	56.3	7.995	-15.5%
IRVSEA-9-S-20260415	C71526	0.972	0.304	12.7	44.7	0.650	20099	0.191	0.455	0.0600	0.142		GN2602337.d	2026-04-30 21:00	1.503	8.059	92101	271916	56.3	8.002	-19.2%
IRVSEA-10-S-20260415	C69740	1.22	0.381	15.9	44.7	0.650	20104	0.191	0.455	0.0600	0.142		GN2602338.d	2026-04-30 21:25	1.503	8.060	119463	281485	56.3	8.002	-16.4%
IRVSEA-11-S-20260415	C20574	1.22	0.382	15.9	44.7	0.650	20109	0.191	0.455	0.0599	0.142		GN2602339.d	2026-04-30 21:50	1.503	8.060	117750	276858	56.3	8.002	-17.7%
IRVSEA-12-S-20260415	C43592	1.00	0.314	13.1	44.7	0.650	20084	0.192	0.455	0.0600	0.143		GN2602340.d	2026-04-30 22:15	1.503	8.060	94715	271570	56.3	8.002	-19.3%
IRVSEA-13-S-20260415	C02208	0.659	0.206	8.60	44.7	0.650	20092	0.192	0.455	0.0600	0.143		GN2602341.d	2026-04-30 22:41	1.503	8.059	70740	308298	56.3	8.002	-8.4%
IRVSEA-14-S-20260415	B38433	0.443	0.139	5.78	44.7	0.650	20100	0.191	0.455	0.0600	0.142	J	GN2602342.d	2026-04-30 23:06	1.503	8.059	46362	300342	56.3	8.002	-10.8%
IRVSEA-15-S-20260415	C40697	0.322	0.101	4.20	44.7	0.650	20081	0.192	0.455	0.0600	0.143	J	GN2602343.d	2026-04-30 23:32	1.503	8.052	31888	284596	56.3	8.002	-15.4%
IRVSEA-16-S-20260415	C01403	0.296	0.0926	3.85	44.7	0.650	20079	0.192	0.455	0.0600	0.143	J	GN2602344.d	2026-04-30 23:57	1.503	8.052	28465	276724	56.3	8.002	-17.8%
IRVSEA-17-S-20260415	C53608	0.318	0.0997	4.15	44.7	0.650	20077	0.192	0.455	0.0600	0.143	J	GN2602345.d	2026-05-01 00:22	1.503	8.060	32102	289731	56.3	8.002	-13.9%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260415	C16128	1.52	0.404	15.4	44.7	0.504	20108	0.247	0.515	0.0655	0.137		GN2602326.d	2026-04-30 16:21	1.752	10.789	158624	387637	66.1	10.689	-1.4%
IRVSEA-2-S-20260415	B46160	1.43	0.379	14.4	44.7	0.504	20047	0.247	0.516	0.0657	0.137		GN2602327.d	2026-04-30 16:46	1.752	10.789	138672	362019	66.1	10.688	-7.9%
IRVSEA-2-D-20260415	C73545	1.62	0.430	16.4	44.7	0.504	20047	0.247	0.516	0.0657	0.137		GN2602328.d	2026-04-30 17:11	1.752	10.789	145292	334976	66.1	10.688	-14.8%
IRVSEA-2-B-20260415	C01564	0.247	0.0657		44.7	0.504	20047	0.247	0.516	0.0657	0.137	ND	GN2602324.d	2026-04-30 15:33	1.752	10.788	10062	365335	66.1	10.688	-7.1%
IRVSEA-3-S-20260415	B39455	1.44	0.382	14.5	44.7	0.504	20055	0.247	0.516	0.0657	0.137		GN2602329.d	2026-04-30 17:37	1.752	10.789	116247	301701	66.1	10.688	-23.2%
IRVSEA-4-S-20260415	C38950	1.55	0.413	15.7	44.7	0.504	20063	0.247	0.516	0.0656	0.137		GN2602330.d	2026-04-30 18:02	1.752	10.789	122552	294069	66.1	10.688	-25.2%
IRVSEA-5-S-20260415	C36915	1.69	0.449	17.1	44.7	0.504	20070	0.247	0.516	0.0656	0.137		GN2602331.d	2026-04-30 18:28	1.752	10.789	173086	381244	66.1	10.688	-3.0%
IRVSEA-6-S-20260415	C37433	3.69	0.980	37.3	44.7	0.504	20077	0.247	0.515	0.0656	0.137		GN2602332.d	2026-04-30 18:53	1.752	10.789	320817	323905	66.1	10.688	-17.6%
IRVSEA-7-S-20260415	C57719	5.97	1.59	60.5	44.7	0.504	20084	0.247	0.515	0.0656	0.137		GN2602333.d	2026-04-30 19:19	1.752	10.789	540726	337108	66.1	10.688	-14.2%
IRVSEA-8-S-20260415	C43598	7.91	2.10	80.1	44.7	0.504	20096	0.247	0.515	0.0655	0.137		GN2602335.d	2026-04-30 20:09	1.752	10.789	694401	326733	66.1	10.688	-16.9%
IRVSEA-8-D-20260415	C33442	8.14	2.16	82.4	44.7	0.504	20096	0.247	0.515	0.0655	0.137		GN2602336.d	2026-04-30 20:34	1.752	10.789	680900	311440	66.1	10.688	-20.8%
IRVSEA-8-B-20260415	C43873	0.247	0.0655		44.7	0.504	20096	0.247	0.515	0.0655	0.137	ND	GN2602347.d	2026-05-01 07:54	1.752	10.782	14460	317931	66.1	10.688	-19.1%
IRVSEA-9-S-20260415	C71526	3.91	1.04	39.6	44.7	0.504	20099	0.247	0.515	0.0655	0.137		GN2602337.d	2026-04-30 21:00	1.752	10.789	323379	308071	66.1	10.688	-21.6%
IRVSEA-10-S-20260415	C69740	6.08	1.61	61.6	44.7	0.504	20104	0.247	0.515	0.0655	0.137		GN2602338.d	2026-04-30 21:25	1.752	10.789	524172	320796	66.1	10.688	-18.4%
IRVSEA-11-S-20260415	C20574	5.44	1.44	55.1	44.7	0.504	20109	0.247	0.515	0.0655	0.137		GN2602339.d	2026-04-30 21:50	1.752	10.789	468968	320671	66.1	10.688	-18.4%
IRVSEA-12-S-20260415	C43592	4.84	1.28	49.0	44.7	0.504	20084	0.247	0.515	0.0656	0.137		GN2602340.d	2026-04-30 22:15	1.752	10.789	414211	318896	66.1	10.688	-18.9%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260415	C02208	2.51	0.667	25.4	44.7	0.504	20092	0.247	0.515	0.0655	0.137		GN2602341.d	2026-04-30 22:41	1.752	10.789	218731	324104	66.1	10.688	-17.5%
IRVSEA-14-S-20260415	B38433	1.42	0.376	14.4	44.7	0.504	20100	0.247	0.515	0.0655	0.137		GN2602342.d	2026-04-30 23:06	1.752	10.789	125152	328764	66.1	10.688	-16.4%
IRVSEA-15-S-20260415	C40697	0.470	0.125	4.75	44.7	0.504	20081	0.247	0.515	0.0656	0.137	J	GN2602343.d	2026-04-30 23:32	1.752	10.789	44312	351389	66.1	10.688	-10.6%
IRVSEA-16-S-20260415	C01403	0.449	0.119	4.55	44.7	0.504	20079	0.247	0.515	0.0656	0.137	J	GN2602344.d	2026-04-30 23:57	1.752	10.789	41326	342747	66.1	10.688	-12.8%
IRVSEA-17-S-20260415	C53608	0.491	0.130	4.97	44.7	0.504	20077	0.247	0.515	0.0656	0.137	J	GN2602345.d	2026-05-01 00:22	1.752	10.789	47491	360259	66.1	10.696	-8.3%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260415	C16128	0.279	0.0642		44.7	0.446	20108	0.279	0.605	0.0642	0.139	ND	GN2602326.d	2026-04-30 16:21	1.721	12.974	24613	387637	66.1	10.689	-1.4%
IRVSEA-2-S-20260415	B46160	0.291	0.0670	2.60	44.7	0.446	20047	0.280	0.606	0.0644	0.140	J	GN2602327.d	2026-04-30 16:46	1.721	12.973	24507	362019	66.1	10.688	-7.9%
IRVSEA-2-D-20260415	C73545	0.280	0.0644		44.7	0.446	20047	0.280	0.606	0.0644	0.140	ND	GN2602328.d	2026-04-30 17:11	1.721	12.973	19049	334976	66.1	10.688	-14.8%
IRVSEA-2-B-20260415	C01564	0.280	0.0644		44.7	0.446	20047	0.280	0.606	0.0644	0.140	ND	GN2602324.d	2026-04-30 15:33	1.721	12.973	936	365335	66.1	10.688	-7.1%
IRVSEA-3-S-20260415	B39455	0.322	0.0742	2.88	44.7	0.446	20055	0.280	0.606	0.0644	0.140	J	GN2602329.d	2026-04-30 17:37	1.721	12.974	22632	301701	66.1	10.688	-23.2%
IRVSEA-4-S-20260415	C38950	0.394	0.0909	3.53	44.7	0.446	20063	0.279	0.606	0.0644	0.140	J	GN2602330.d	2026-04-30 18:02	1.721	12.966	27037	294069	66.1	10.688	-25.2%
IRVSEA-5-S-20260415	C36915	0.308	0.0709	2.75	44.7	0.446	20070	0.279	0.606	0.0644	0.140	J	GN2602331.d	2026-04-30 18:28	1.721	12.973	27355	381244	66.1	10.688	-3.0%
IRVSEA-6-S-20260415	C37433	0.681	0.157	6.10	44.7	0.446	20077	0.279	0.606	0.0643	0.140		GN2602332.d	2026-04-30 18:53	1.721	12.973	51489	323905	66.1	10.688	-17.6%
IRVSEA-7-S-20260415	C57719	1.14	0.262	10.2	44.7	0.446	20084	0.279	0.605	0.0643	0.139		GN2602333.d	2026-04-30 19:19	1.721	12.973	89483	337108	66.1	10.688	-14.2%
IRVSEA-8-S-20260415	C43598	1.47	0.339	13.2	44.7	0.446	20096	0.279	0.605	0.0643	0.139		GN2602335.d	2026-04-30 20:09	1.721	12.974	112387	326733	66.1	10.688	-16.9%
IRVSEA-8-D-20260415	C33442	1.53	0.353	13.7	44.7	0.446	20096	0.279	0.605	0.0643	0.139		GN2602336.d	2026-04-30 20:34	1.721	12.973	111561	311440	66.1	10.688	-20.8%
IRVSEA-8-B-20260415	C43873	0.279	0.0643		44.7	0.446	20096	0.279	0.605	0.0643	0.139	ND	GN2602347.d	2026-05-01 07:54	1.721	12.974	1708	317931	66.1	10.688	-19.1%
IRVSEA-9-S-20260415	C71526	0.705	0.162	6.32	44.7	0.446	20099	0.279	0.605	0.0643	0.139		GN2602337.d	2026-04-30 21:00	1.721	12.973	50722	308071	66.1	10.688	-21.6%
IRVSEA-10-S-20260415	C69740	1.31	0.301	11.7	44.7	0.446	20104	0.279	0.605	0.0643	0.139		GN2602338.d	2026-04-30 21:25	1.721	12.973	97999	320796	66.1	10.688	-18.4%
IRVSEA-11-S-20260415	C20574	1.03	0.238	9.25	44.7	0.446	20109	0.279	0.605	0.0642	0.139		GN2602339.d	2026-04-30 21:50	1.721	12.974	77318	320671	66.1	10.688	-18.4%
IRVSEA-12-S-20260415	C43592	0.876	0.202	7.84	44.7	0.446	20084	0.279	0.605	0.0643	0.139		GN2602340.d	2026-04-30 22:15	1.721	12.966	65187	318896	66.1	10.688	-18.9%
IRVSEA-13-S-20260415	C02208	0.478	0.110	4.29	44.7	0.446	20092	0.279	0.605	0.0643	0.139	J	GN2602341.d	2026-04-30 22:41	1.721	12.973	36199	324104	66.1	10.688	-17.5%
IRVSEA-14-S-20260415	B38433	0.279	0.0643		44.7	0.446	20100	0.279	0.605	0.0643	0.139	ND	GN2602342.d	2026-04-30 23:06	1.721	12.973	18282	328764	66.1	10.688	-16.4%
IRVSEA-15-S-20260415	C40697	0.279	0.0643		44.7	0.446	20081	0.279	0.605	0.0643	0.140	ND	GN2602343.d	2026-04-30 23:32	1.721	12.973	8677	351389	66.1	10.688	-10.6%
IRVSEA-16-S-20260415	C01403	0.279	0.0643		44.7	0.446	20079	0.279	0.606	0.0643	0.140	ND	GN2602344.d	2026-04-30 23:57	1.721	12.966	8582	342747	66.1	10.688	-12.8%
IRVSEA-17-S-20260415	C53608	0.279	0.0643		44.7	0.446	20077	0.279	0.606	0.0643	0.140	ND	GN2602345.d	2026-05-01 00:22	1.721	12.973	9334	360259	66.1	10.696	-8.3%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260415	C16128	0.590	0.136	5.29	44.7	0.446	20108	0.279	0.678	0.0642	0.156	J	GN2602326.d	2026-04-30 16:21	1.331	13.145	41332	387637	66.1	10.689	-1.4%
IRVSEA-2-S-20260415	B46160	0.744	0.171	6.65	44.7	0.446	20047	0.280	0.680	0.0644	0.157		GN2602327.d	2026-04-30 16:46	1.331	13.145	48479	362019	66.1	10.688	-7.9%
IRVSEA-2-D-20260415	C73545	0.847	0.195	7.57	44.7	0.446	20047	0.280	0.680	0.0644	0.157		GN2602328.d	2026-04-30 17:11	1.331	13.145	51098	334976	66.1	10.688	-14.8%
IRVSEA-2-B-20260415	C01564	0.280	0.0644		44.7	0.446	20047	0.280	0.680	0.0644	0.157	ND	GN2602324.d	2026-04-30 15:33	1.331	13.152	425	365335	66.1	10.688	-7.1%
IRVSEA-3-S-20260415	B39455	0.886	0.204	7.92	44.7	0.446	20055	0.280	0.679	0.0644	0.157		GN2602329.d	2026-04-30 17:37	1.331	13.145	48135	301701	66.1	10.688	-23.2%
IRVSEA-4-S-20260415	C38950	1.03	0.237	9.20	44.7	0.446	20063	0.279	0.679	0.0644	0.157		GN2602330.d	2026-04-30 18:02	1.331	13.145	54471	294069	66.1	10.688	-25.2%
IRVSEA-5-S-20260415	C36915	0.769	0.177	6.88	44.7	0.446	20070	0.279	0.679	0.0644	0.156		GN2602331.d	2026-04-30 18:28	1.331	13.145	52844	381244	66.1	10.688	-3.0%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260415	C37433	2.00	0.460	17.9	44.7	0.446	20077	0.279	0.679	0.0643	0.156		GN2602332.d	2026-04-30 18:53	1.331	13.145	116602	323905	66.1	10.688	-17.6%
IRVSEA-7-S-20260415	C57719	4.00	0.921	35.8	44.7	0.446	20084	0.279	0.678	0.0643	0.156		GN2602333.d	2026-04-30 19:19	1.331	13.145	243173	337108	66.1	10.688	-14.2%
IRVSEA-8-S-20260415	C43598	4.86	1.12	43.6	44.7	0.446	20096	0.279	0.678	0.0643	0.156		GN2602335.d	2026-04-30 20:09	1.331	13.145	286789	326733	66.1	10.688	-16.9%
IRVSEA-8-D-20260415	C33442	5.10	1.18	45.7	44.7	0.446	20096	0.279	0.678	0.0643	0.156		GN2602336.d	2026-04-30 20:34	1.331	13.145	286999	311440	66.1	10.688	-20.8%
IRVSEA-8-B-20260415	C43873	0.279	0.0643		44.7	0.446	20096	0.279	0.678	0.0643	0.156	ND	GN2602347.d	2026-05-01 07:54	1.331	13.160	1361	317931	66.1	10.688	-19.1%
IRVSEA-9-S-20260415	C71526	2.60	0.599	23.3	44.7	0.446	20099	0.279	0.678	0.0643	0.156		GN2602337.d	2026-04-30 21:00	1.331	13.145	144474	308071	66.1	10.688	-21.6%
IRVSEA-10-S-20260415	C69740	4.81	1.11	43.1	44.7	0.446	20104	0.279	0.678	0.0643	0.156		GN2602338.d	2026-04-30 21:25	1.331	13.145	278620	320796	66.1	10.688	-18.4%
IRVSEA-11-S-20260415	C20574	3.19	0.735	28.6	44.7	0.446	20109	0.279	0.678	0.0642	0.156		GN2602339.d	2026-04-30 21:50	1.331	13.145	184682	320671	66.1	10.688	-18.4%
IRVSEA-12-S-20260415	C43592	3.00	0.691	26.9	44.7	0.446	20084	0.279	0.678	0.0643	0.156		GN2602340.d	2026-04-30 22:15	1.331	13.145	172484	318896	66.1	10.688	-18.9%
IRVSEA-13-S-20260415	C02208	1.25	0.288	11.2	44.7	0.446	20092	0.279	0.678	0.0643	0.156		GN2602341.d	2026-04-30 22:41	1.331	13.145	73159	324104	66.1	10.688	-17.5%
IRVSEA-14-S-20260415	B38433	0.670	0.154	6.00	44.7	0.446	20100	0.279	0.678	0.0643	0.156	J	GN2602342.d	2026-04-30 23:06	1.331	13.145	39754	328764	66.1	10.688	-16.4%
IRVSEA-15-S-20260415	C40697	0.279	0.0643		44.7	0.446	20081	0.279	0.679	0.0643	0.156	ND	GN2602343.d	2026-04-30 23:32	1.331	13.145	11324	351389	66.1	10.688	-10.6%
IRVSEA-16-S-20260415	C01403	0.279	0.0643		44.7	0.446	20079	0.279	0.679	0.0643	0.156	ND	GN2602344.d	2026-04-30 23:57	1.331	13.145	14543	342747	66.1	10.688	-12.8%
IRVSEA-17-S-20260415	C53608	0.279	0.0643		44.7	0.446	20077	0.279	0.679	0.0643	0.156	ND	GN2602345.d	2026-05-01 00:22	1.331	13.145	14522	360259	66.1	10.696	-8.3%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260415	C16128	0.279	0.0642		44.7	0.446	20108	0.279	0.630	0.0642	0.145	ND	GN2602326.d	2026-04-30 16:21	1.434	13.647	17017	387637	66.1	10.689	-1.4%
IRVSEA-2-S-20260415	B46160	0.280	0.0644		44.7	0.446	20047	0.280	0.632	0.0644	0.146	ND	GN2602327.d	2026-04-30 16:46	1.434	13.654	18633	362019	66.1	10.688	-7.9%
IRVSEA-2-D-20260415	C73545	0.319	0.0735	2.85	44.7	0.446	20047	0.280	0.632	0.0644	0.146	J	GN2602328.d	2026-04-30 17:11	1.434	13.647	20746	334976	66.1	10.688	-14.8%
IRVSEA-2-B-20260415	C01564	0.280	0.0644		44.7	0.446	20047	0.280	0.632	0.0644	0.146	ND	GN2602324.d	2026-04-30 15:33	1.434	13.661	447	365335	66.1	10.688	-7.1%
IRVSEA-3-S-20260415	B39455	0.280	0.0644		44.7	0.446	20055	0.280	0.632	0.0644	0.146	ND	GN2602329.d	2026-04-30 17:37	1.434	13.654	15618	301701	66.1	10.688	-23.2%
IRVSEA-4-S-20260415	C38950	0.279	0.0644		44.7	0.446	20063	0.279	0.632	0.0644	0.146	ND	GN2602330.d	2026-04-30 18:02	1.434	13.647	13593	294069	66.1	10.688	-25.2%
IRVSEA-5-S-20260415	C36915	0.279	0.0644		44.7	0.446	20070	0.279	0.631	0.0644	0.145	ND	GN2602331.d	2026-04-30 18:28	1.434	13.647	18643	381244	66.1	10.688	-3.0%
IRVSEA-6-S-20260415	C37433	0.712	0.164	6.38	44.7	0.446	20077	0.279	0.631	0.0643	0.145		GN2602332.d	2026-04-30 18:53	1.434	13.647	44846	323905	66.1	10.688	-17.6%
IRVSEA-7-S-20260415	C57719	1.43	0.329	12.8	44.7	0.446	20084	0.279	0.631	0.0643	0.145		GN2602333.d	2026-04-30 19:19	1.434	13.647	93633	337108	66.1	10.688	-14.2%
IRVSEA-8-S-20260415	C43598	1.78	0.411	16.0	44.7	0.446	20096	0.279	0.631	0.0643	0.145		GN2602335.d	2026-04-30 20:09	1.434	13.647	113420	326733	66.1	10.688	-16.9%
IRVSEA-8-D-20260415	C33442	1.90	0.438	17.1	44.7	0.446	20096	0.279	0.631	0.0643	0.145		GN2602336.d	2026-04-30 20:34	1.434	13.647	115280	311440	66.1	10.688	-20.8%
IRVSEA-8-B-20260415	C43873	0.279	0.0643		44.7	0.446	20096	0.279	0.631	0.0643	0.145	ND	GN2602347.d	2026-05-01 07:54	1.434	13.898	0	317931	66.1	10.688	-19.1%
IRVSEA-9-S-20260415	C71526	0.957	0.221	8.58	44.7	0.446	20099	0.279	0.630	0.0643	0.145		GN2602337.d	2026-04-30 21:00	1.434	13.647	57390	308071	66.1	10.688	-21.6%
IRVSEA-10-S-20260415	C69740	1.76	0.406	15.8	44.7	0.446	20104	0.279	0.630	0.0643	0.145		GN2602338.d	2026-04-30 21:25	1.434	13.647	110008	320796	66.1	10.688	-18.4%
IRVSEA-11-S-20260415	C20574	1.18	0.272	10.6	44.7	0.446	20109	0.279	0.630	0.0642	0.145		GN2602339.d	2026-04-30 21:50	1.434	13.647	73760	320671	66.1	10.688	-18.4%
IRVSEA-12-S-20260415	C43592	1.07	0.248	9.63	44.7	0.446	20084	0.279	0.631	0.0643	0.145		GN2602340.d	2026-04-30 22:15	1.434	13.647	66647	318896	66.1	10.688	-18.9%
IRVSEA-13-S-20260415	C02208	0.453	0.104	4.06	44.7	0.446	20092	0.279	0.631	0.0643	0.145	J	GN2602341.d	2026-04-30 22:41	1.434	13.654	28544	324104	66.1	10.688	-17.5%
IRVSEA-14-S-20260415	B38433	0.279	0.0643		44.7	0.446	20100	0.279	0.630	0.0643	0.145	ND	GN2602342.d	2026-04-30 23:06	1.434	13.647	14237	328764	66.1	10.688	-16.4%
IRVSEA-15-S-20260415	C40697	0.279	0.0643		44.7	0.446	20081	0.279	0.631	0.0643	0.145	ND	GN2602343.d	2026-04-30 23:32	1.434	13.654	4189	351389	66.1	10.688	-10.6%
IRVSEA-16-S-20260415	C01403	0.279	0.0643		44.7	0.446	20079	0.279	0.631	0.0643	0.145	ND	GN2602344.d	2026-04-30 23:57	1.434	13.647	5328	342747	66.1	10.688	-12.8%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260415	C53608	0.279	0.0643		44.7	0.446	20077	0.279	0.631	0.0643	0.145	ND	GN2602345.d	2026-05-01 00:22	1.434	13.647	5787	360259	66.1	10.696	-8.3%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC Data

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260415	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260415	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260415	5.2%	Pass	12%	Pass	ND	Pass	13%	Pass	ND	Pass
	IRVSEA-8-D-20260415	0.074%	Pass	2.8%	Pass	4.1%	Pass	4.9%	Pass	6.4%	Pass

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	GN2602322.d	C57464	Cal	1.503	1.459	1.503	3.0%	1.3%		Pass	
2026GG203 Method Blank-1	GN2602323.d	C60263	Blank		1.459	1.503			-0.23%	Pass	ND
M325B CCV 5	GN2602334.d	C57562	Check	1.523	1.459	1.503	4.4%		-20%	Pass	
M325B CCV 5 REC	GN2602346.d	C57464	Check	1.496	1.459	1.503	2.5%		-19%	Pass	
M325B CCV 5 REC	GN2602348.d	C57562	Check	1.555	1.459	1.503	6.6%		-19%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	GN2602322.d	C57464	Cal	1.752	1.816	1.752	-3.5%	3.8%		Pass	
2026GG203 Method Blank-1	GN2602323.d	C60263	Blank		1.816	1.752			-2.2%	Pass	ND
M325B CCV 5	GN2602334.d	C57562	Check	1.897	1.816	1.752	4.5%		-23%	Pass	
M325B CCV 5 REC	GN2602346.d	C57464	Check	1.786	1.816	1.752	-1.7%		-19%	Pass	
M325B CCV 5 REC	GN2602348.d	C57562	Check	1.912	1.816	1.752	5.3%		-21%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	GN2602322.d	C57464	Cal	1.721	2.036	1.721	-15%	3.8%		Pass	
2026GG203 Method Blank-1	GN2602323.d	C60263	Blank		2.036	1.721			-2.2%	Pass	ND
M325B CCV 5	GN2602334.d	C57562	Check	1.967	2.036	1.721	-3.4%		-23%	Pass	
M325B CCV 5 REC	GN2602346.d	C57464	Check	1.767	2.036	1.721	-13%		-19%	Pass	
M325B CCV 5 REC	GN2602348.d	C57562	Check	1.944	2.036	1.721	-4.5%		-21%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	GN2602322.d	C57464	Cal	1.331	1.586	1.331	-16%	3.8%		Pass	
2026GG203 Method Blank-1	GN2602323.d	C60263	Blank		1.586	1.331			-2.2%	Pass	ND
M325B CCV 5	GN2602334.d	C57562	Check	1.590	1.586	1.331	0.24%		-23%	Pass	
M325B CCV 5 REC	GN2602346.d	C57464	Check	1.376	1.586	1.331	-13%		-19%	Pass	
M325B CCV 5 REC	GN2602348.d	C57562	Check	1.534	1.586	1.331	-3.3%		-21%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	GN2602322.d	C57464	Cal	1.434	1.623	1.434	-12%	3.8%		Pass	
2026GG203 Method Blank-1	GN2602323.d	C60263	Blank		1.623	1.434			-2.2%	Pass	ND
M325B CCV 5	GN2602334.d	C57562	Check	1.659	1.623	1.434	2.2%		-23%	Pass	

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

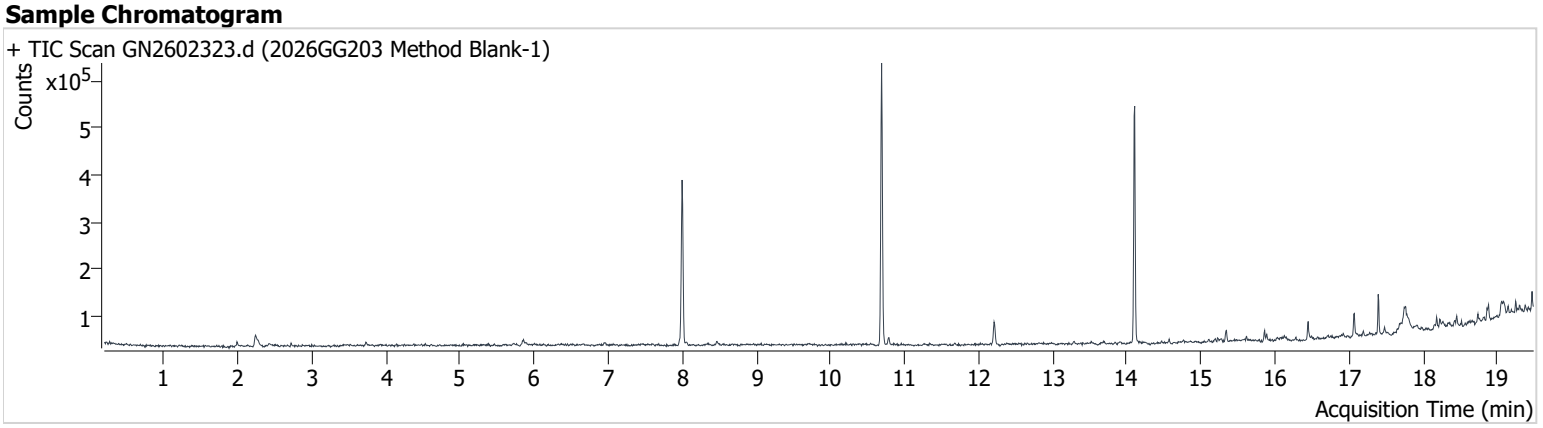
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5 REC	GN2602346.d	C57464	Check	1.451	1.623	1.434	-11%		-19%	Pass	
M325B CCV 5 REC	GN2602348.d	C57562	Check	1.588	1.623	1.434	-2.2%		-21%	Pass	

Chromatograms

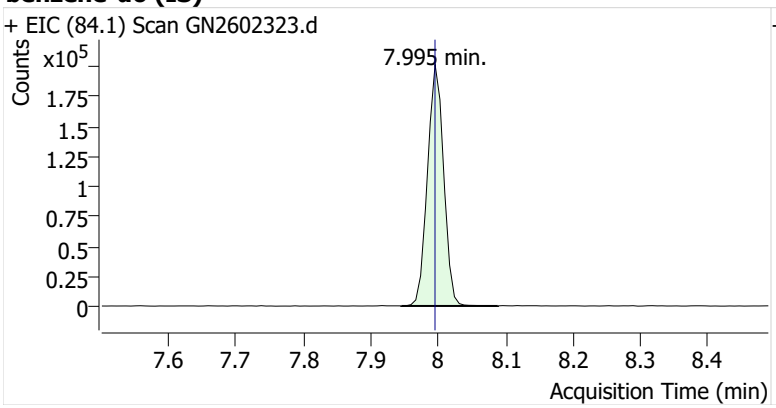
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Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

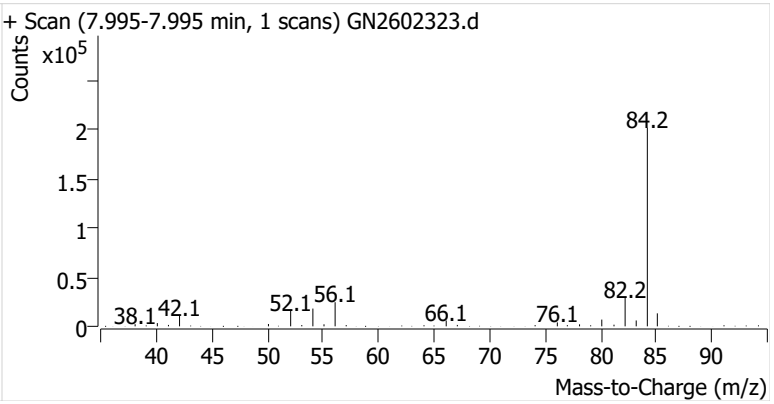
Sample Chromatogram



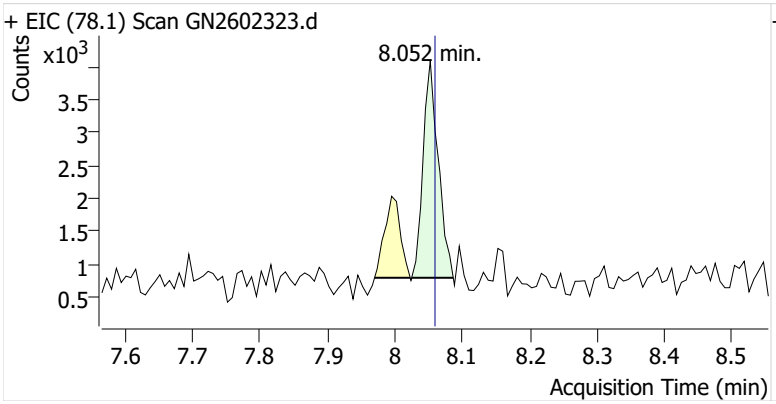
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Benzene	benzene-d6 (IS)	8.052	8.059	5,028	
Toluene-d8 (IS)		10.688	10.688	384,361	
Toluene	Toluene-d8 (IS)	10.789	10.789	9,383	
Ethylbenzene	Toluene-d8 (IS)	12.966	12.973	1,025	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.145	1,203	m
o-Xylene	Toluene-d8 (IS)	13.654	13.647	425	

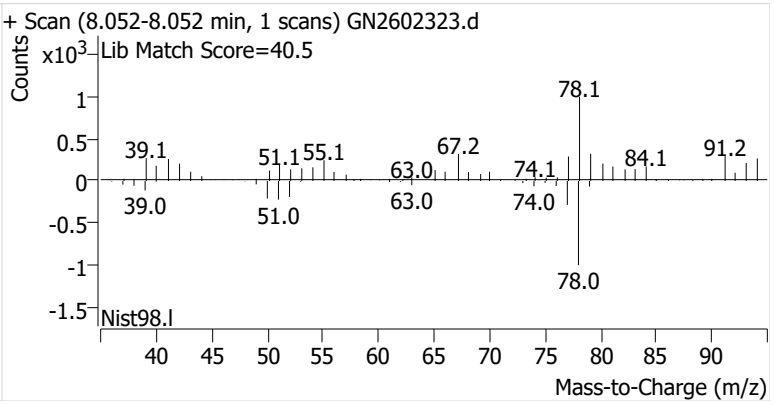
benzene-d6 (IS)



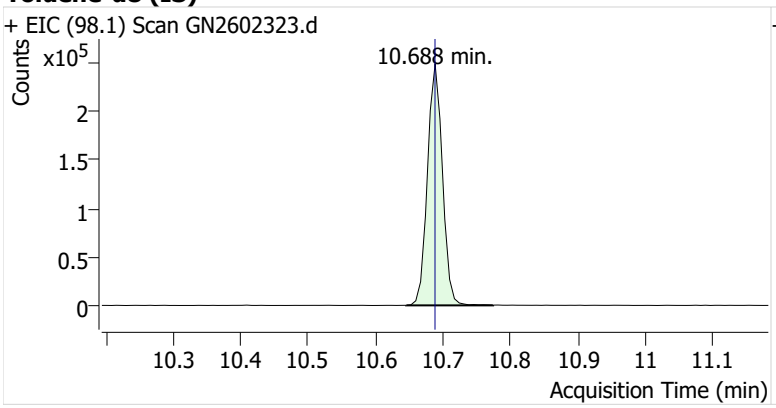


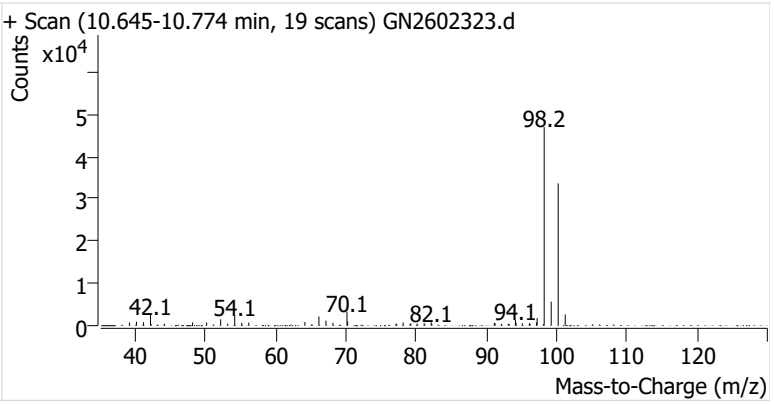
Benzene



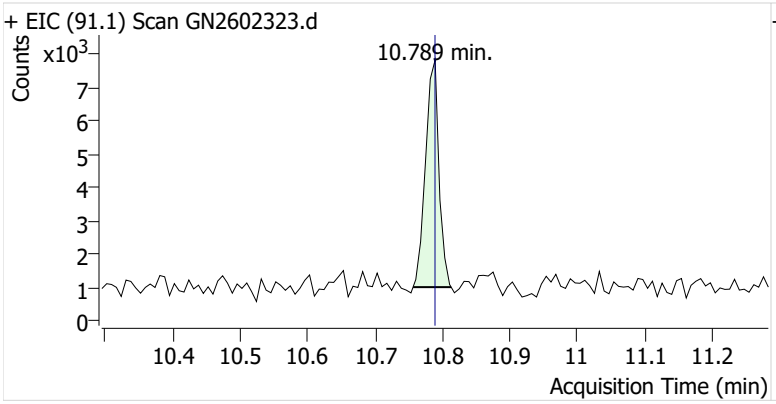


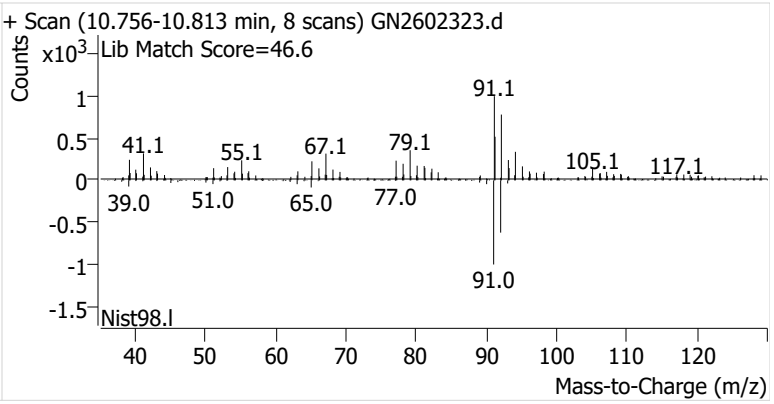
Toluene-d8 (IS)



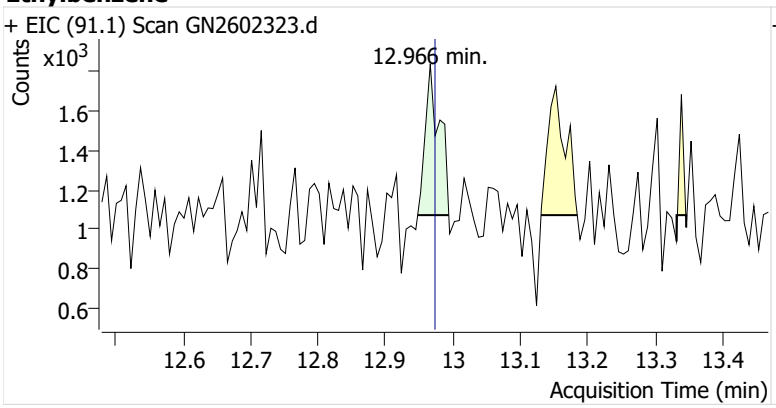


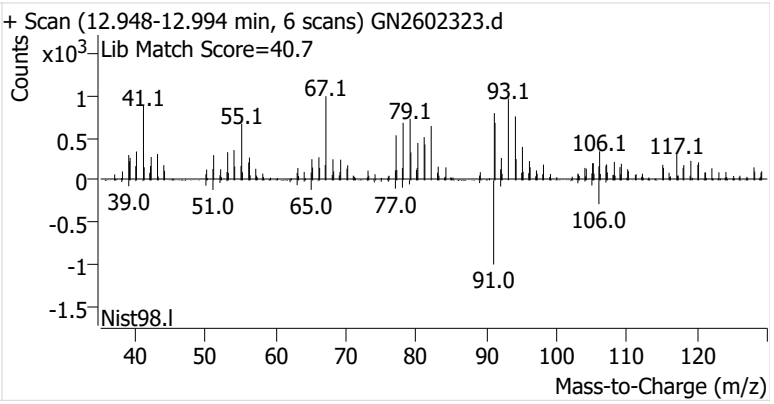
Toluene



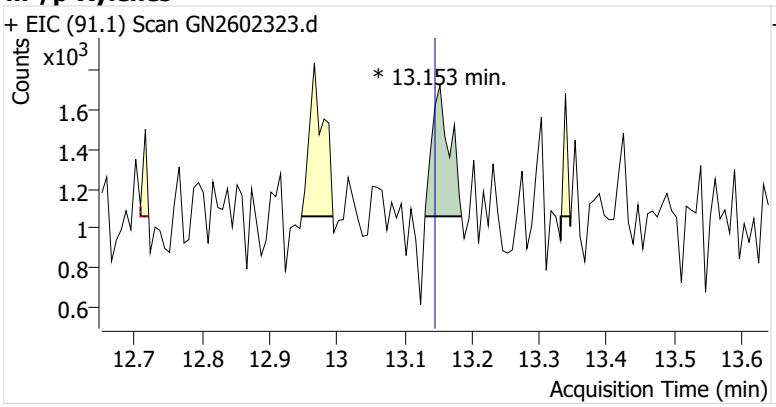


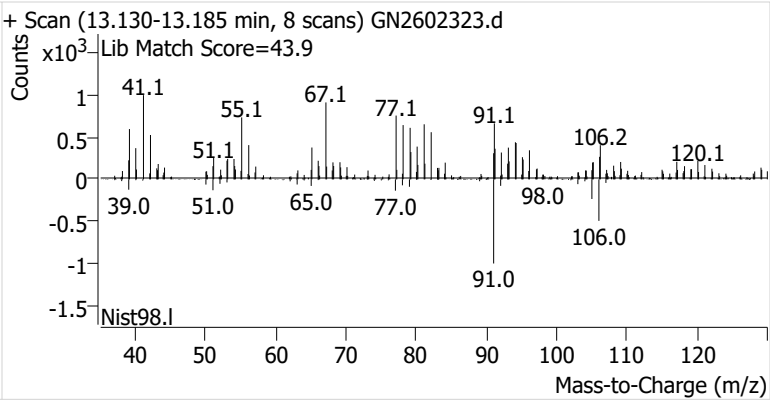
Ethylbenzene



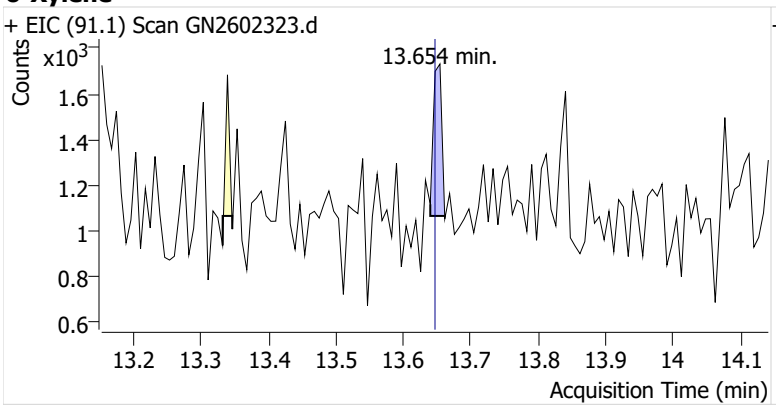


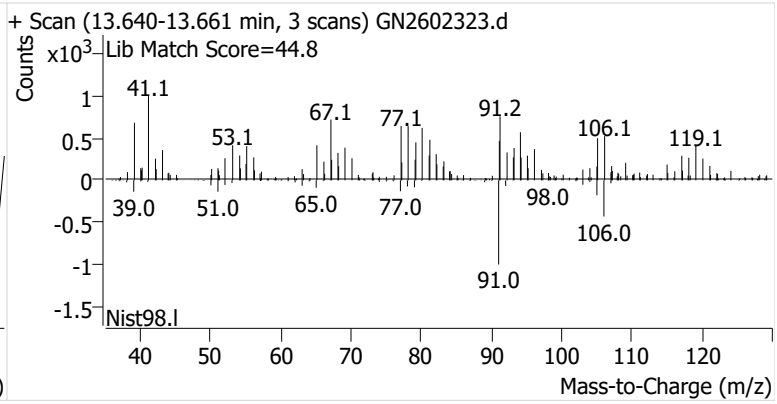
m-/p-Xylenes





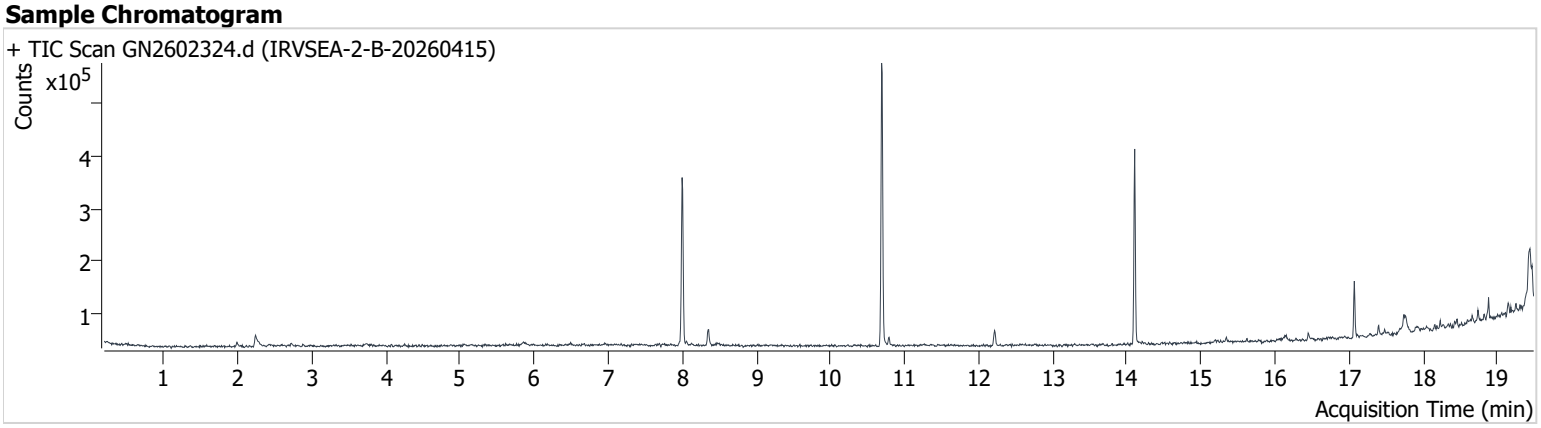
o-Xylene


+ EIC (91.1) Scan GN2602323.d
Counts
x10^3
13.654 min.
1.6
1.4
1.2
1
0.8
0.6
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.640-13.661 min, 3 scans) GN2602323.d
Counts
x10^3
Lib Match Score=44.8
41.1
67.1
77.1
91.2
53.1
106.1
119.1
1
0.5
0
-0.5
-1
-1.5
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

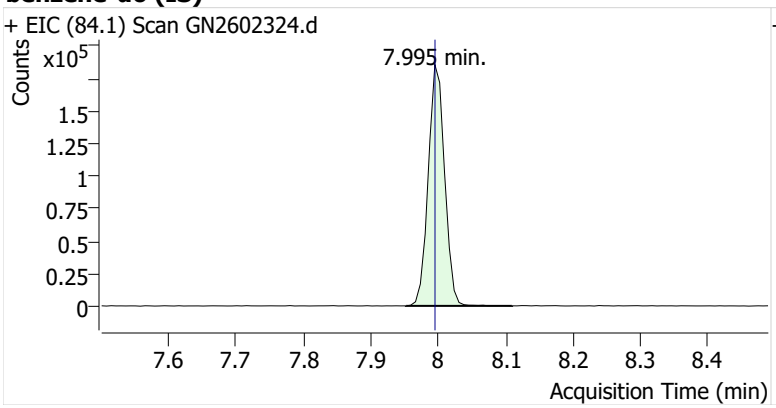
Name	IRVSEA-2-B-20260415
Comment	C01564
Data File	GN2602324.d
Acq. Date-Time	4/30/2026 3:33:04 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

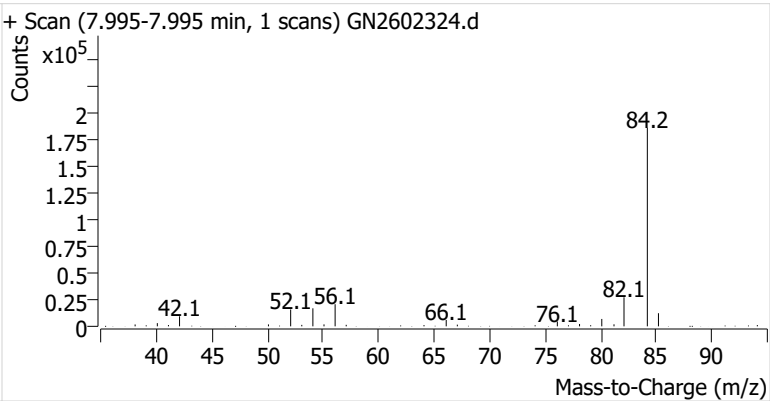
Sample Chromatogram



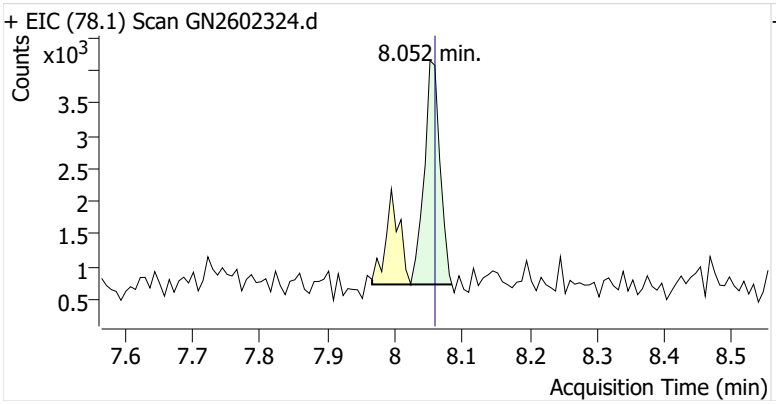
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	7.995	312,649	
Benzene	benzene-d6 (IS)	8.052	8.059	5,554	
Toluene-d8 (IS)		10.688	10.688	365,335	
Toluene	Toluene-d8 (IS)	10.788	10.789	10,062	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	936	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.145	425	
o-Xylene	Toluene-d8 (IS)	13.661	13.647	447	

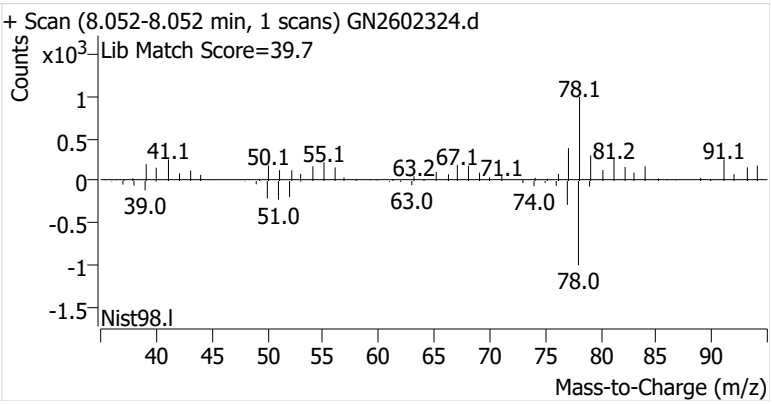
benzene-d6 (IS)



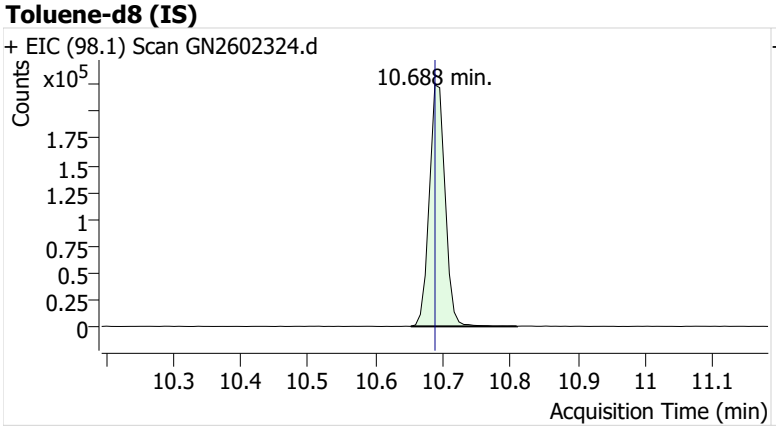


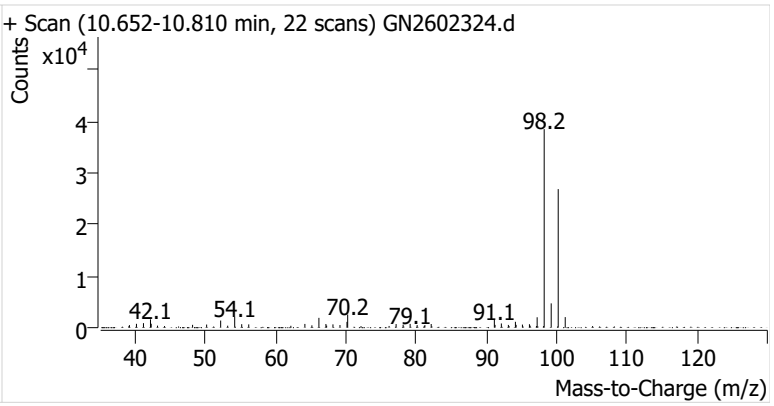
Benzene



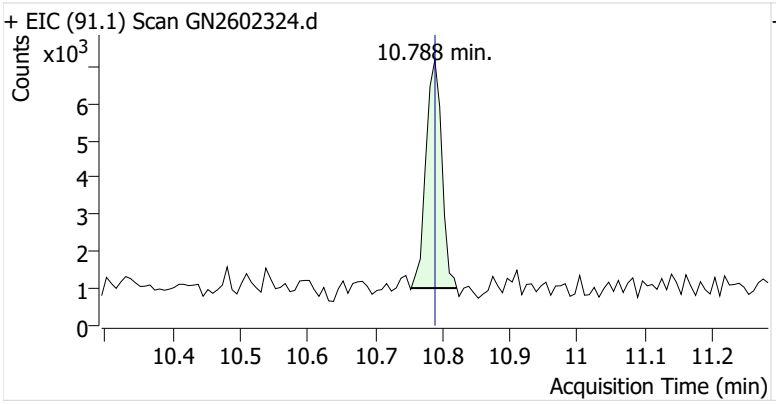


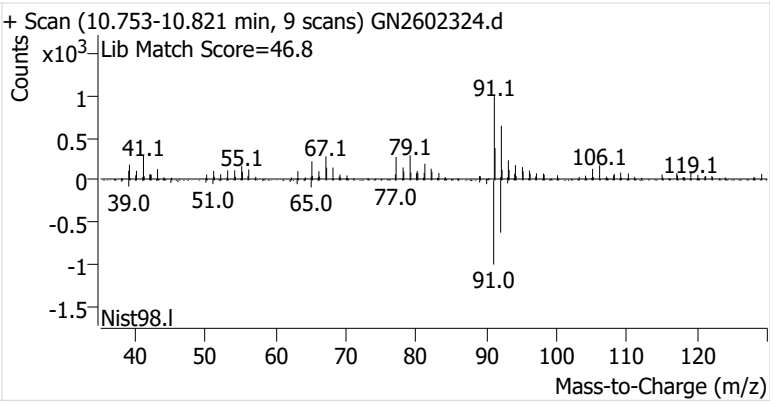
Toluene-d8 (IS)



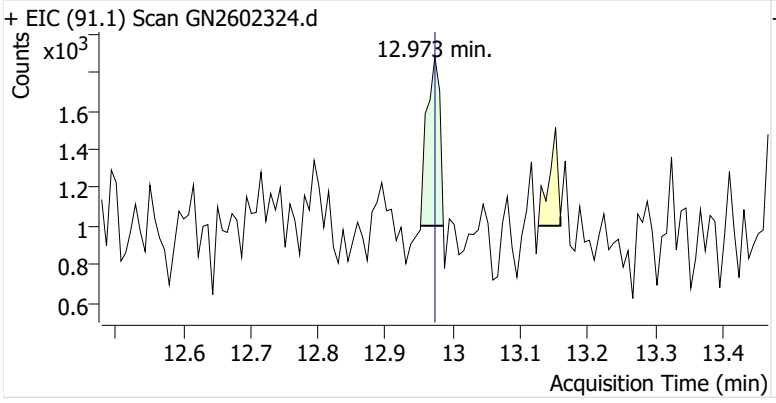


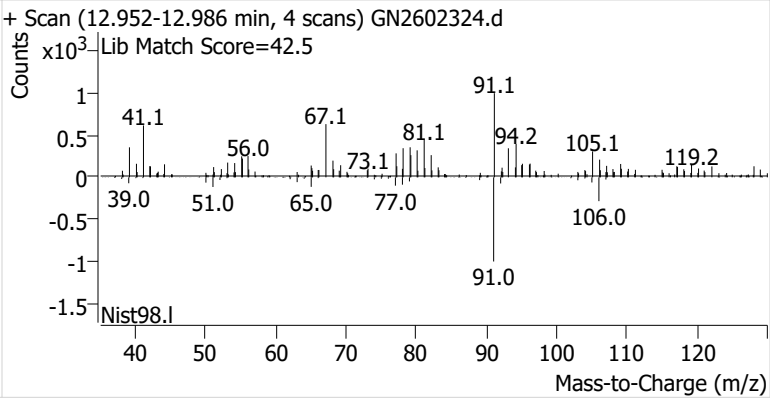
Toluene



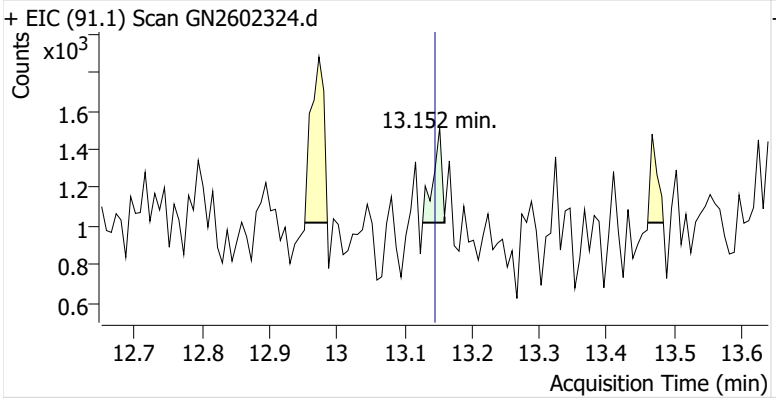


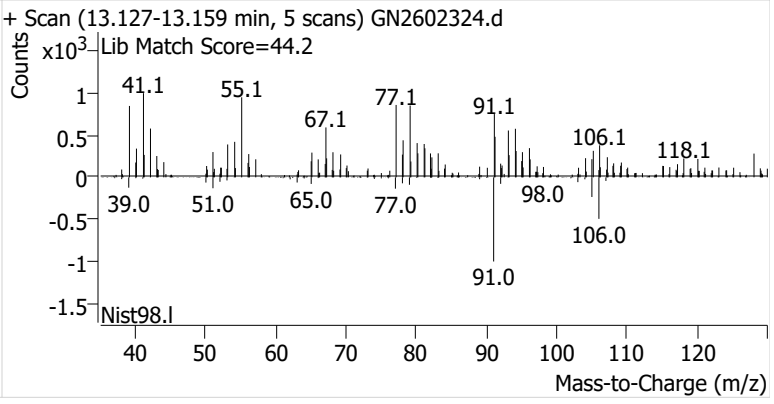
Ethylbenzene



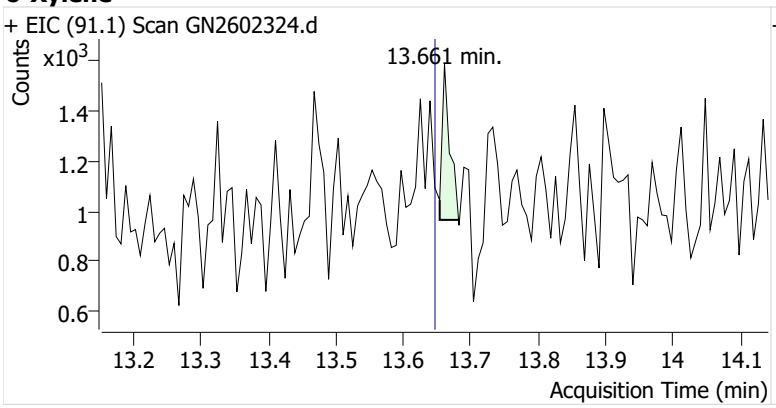


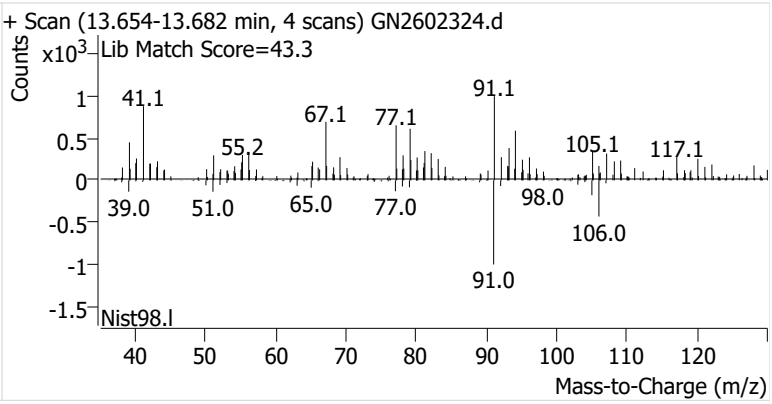
m-/p-Xylenes





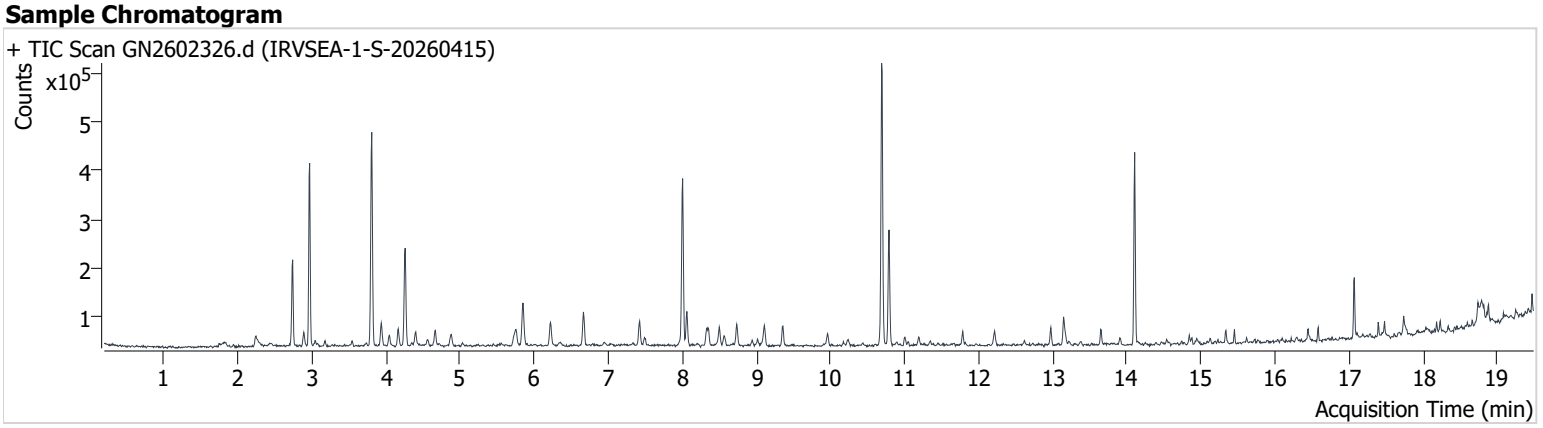
o-Xylene


+ EIC (91.1) Scan GN2602324.d
Counts
x10^3
13.661 min.
1.4
1.2
1
0.8
0.6
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.654-13.682 min, 4 scans) GN2602324.d
Counts
x10^3
Lib Match Score=43.3
41.1
55.2
67.1
77.1
91.1
105.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

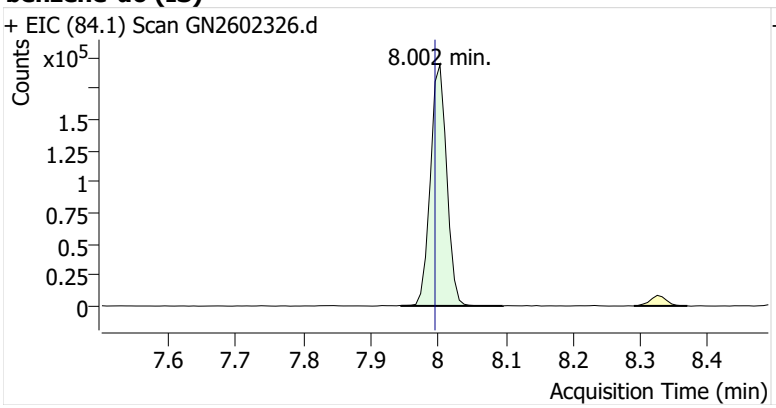
Name	IRVSEA-1-S-20260415
Comment	C16128
Data File	GN2602326.d
Acq. Date-Time	4/30/2026 4:21:29 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

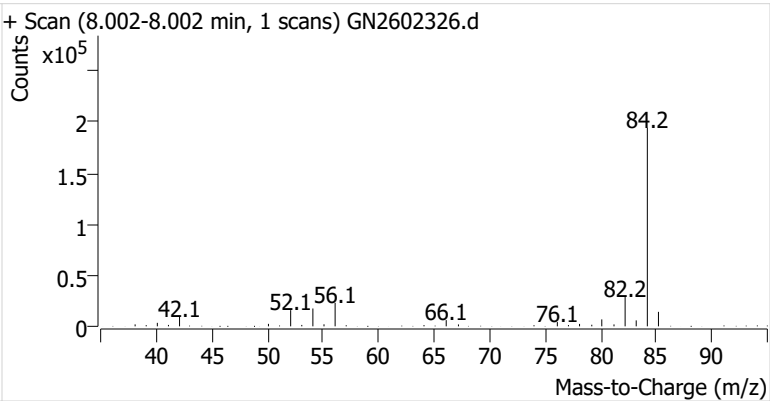
Sample Chromatogram



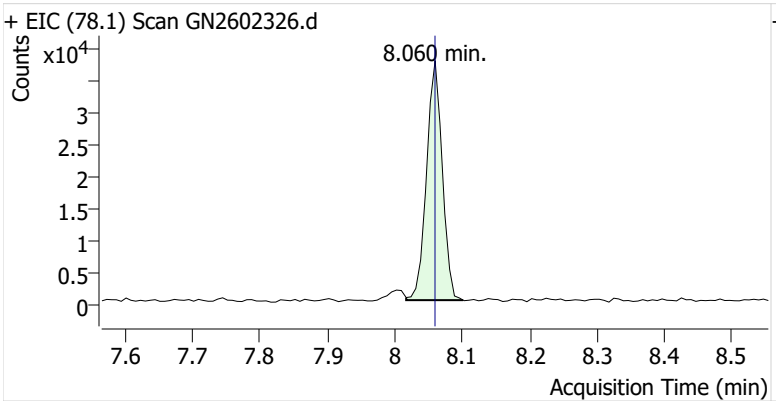
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	326,247	
Benzene	benzene-d6 (IS)	8.060	8.059	60,691	
Toluene-d8 (IS)		10.689	10.688	387,637	
Toluene	Toluene-d8 (IS)	10.789	10.789	158,624	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	24,613	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	41,332	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	17,017	

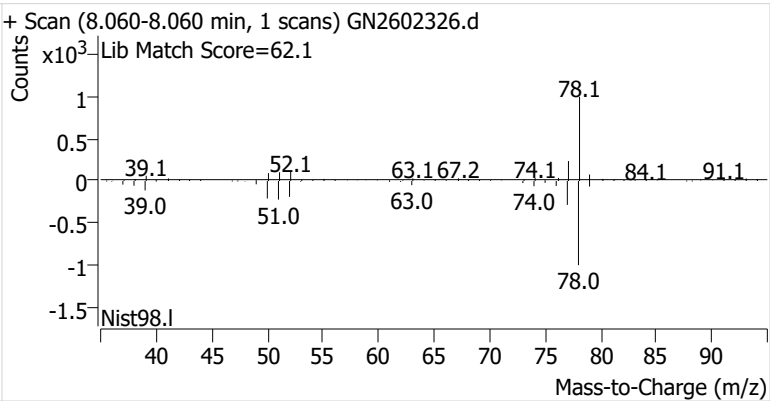
benzene-d6 (IS)



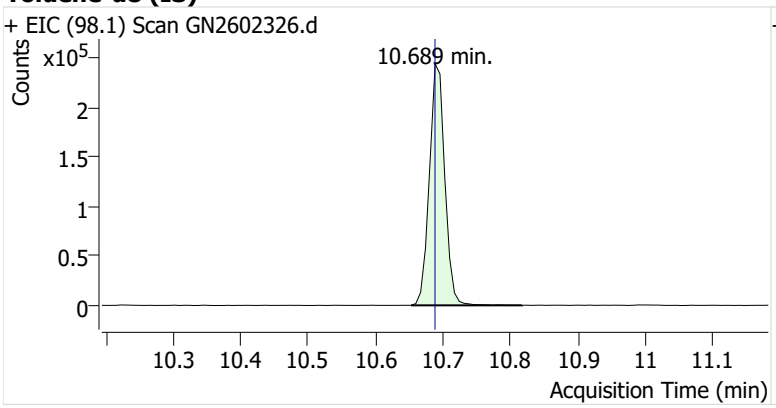


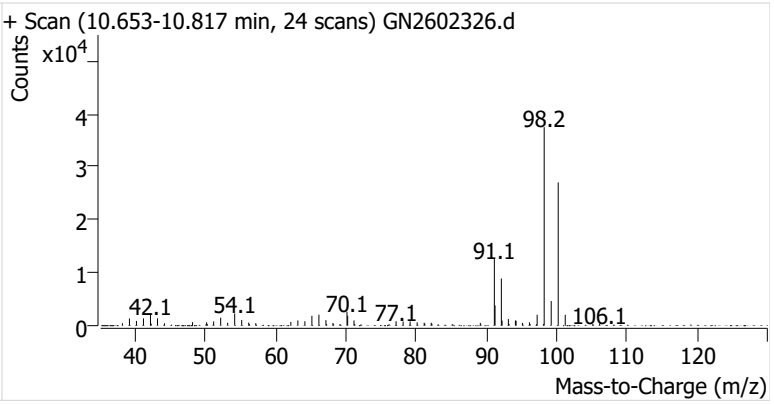
Benzene



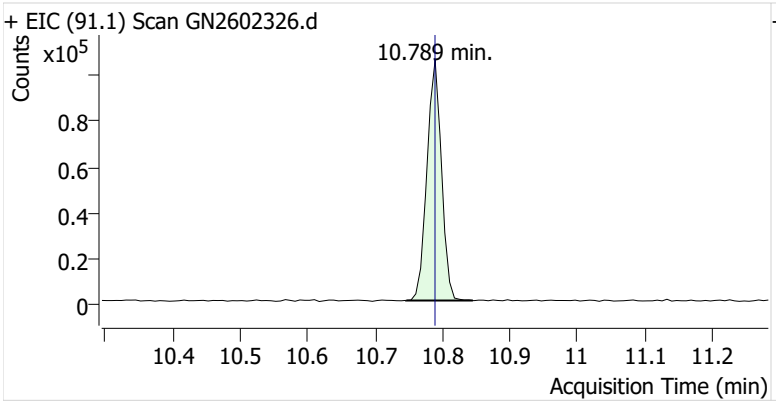


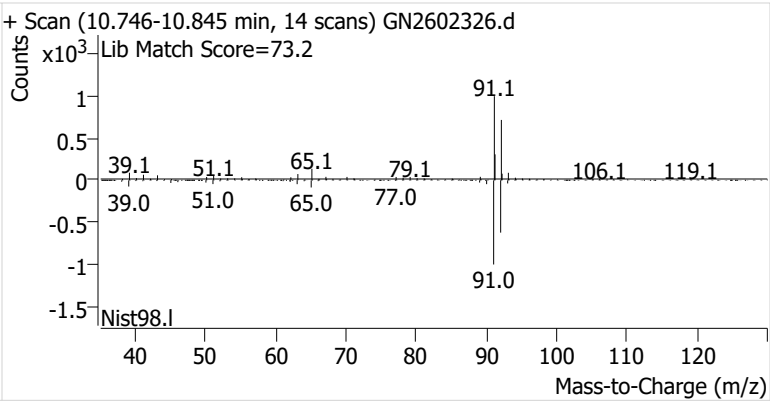
Toluene-d8 (IS)



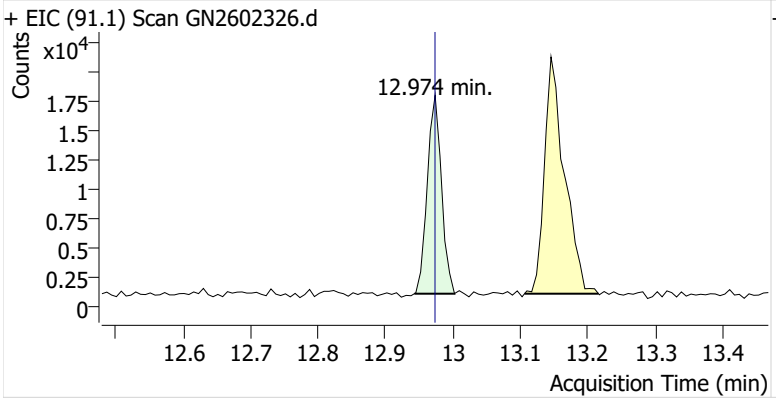


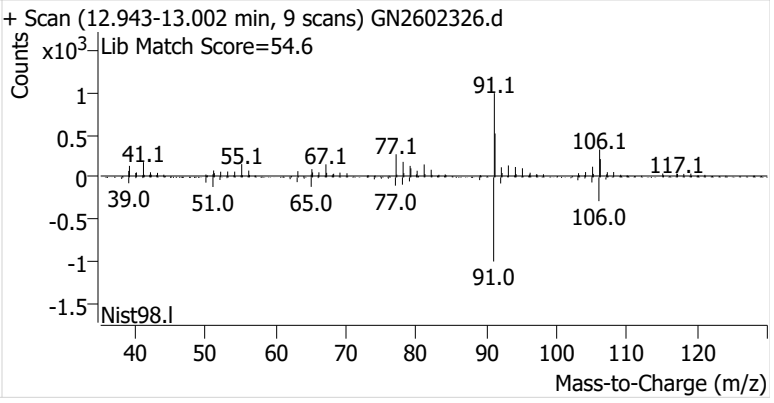
Toluene



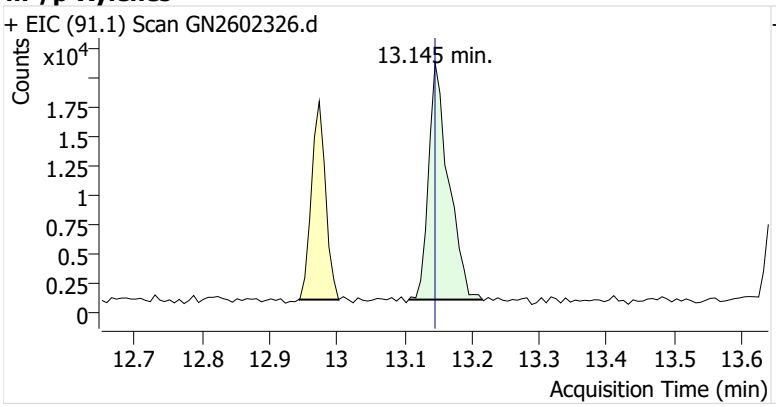


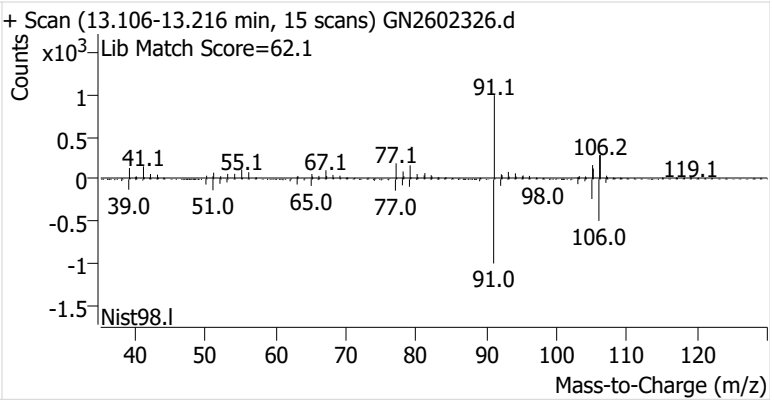
Ethylbenzene



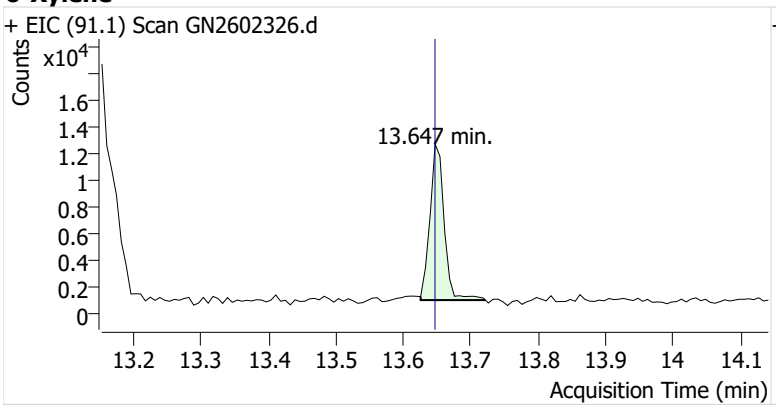


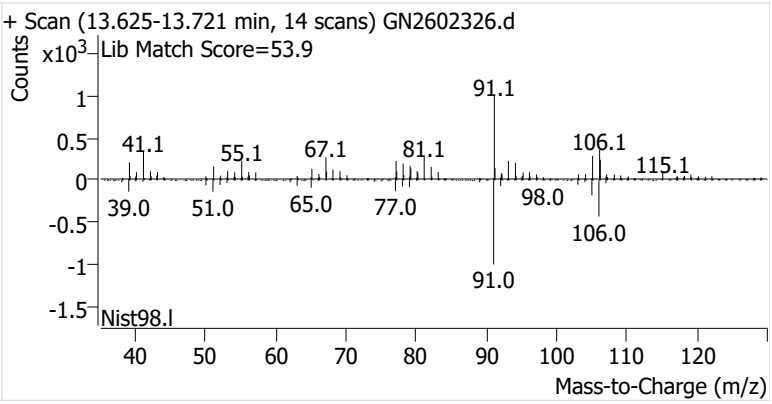
m-/p-Xylenes





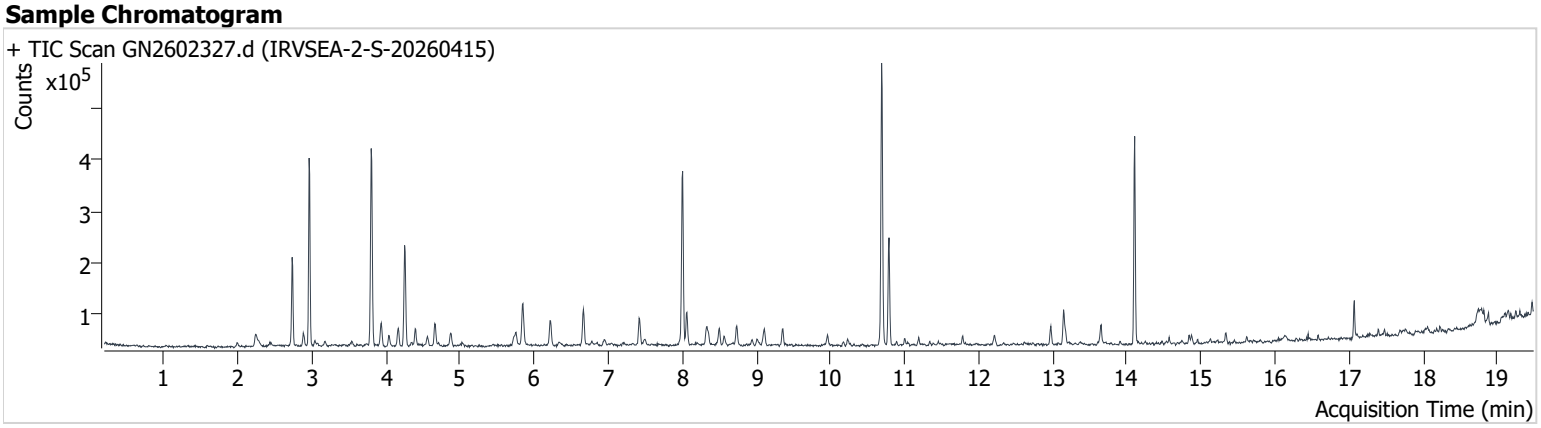
o-Xylene


+ EIC (91.1) Scan GN2602326.d
Counts
x10^4
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.721 min, 14 scans) GN2602326.d
Counts
x10^3
Lib Match Score=53.9
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
81.1
106.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

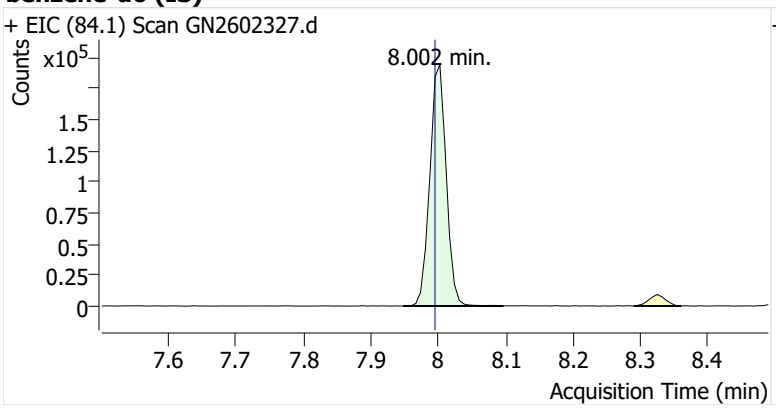
Name	IRVSEA-2-S-20260415
Comment	B46160
Data File	GN2602327.d
Acq. Date-Time	4/30/2026 4:46:45 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

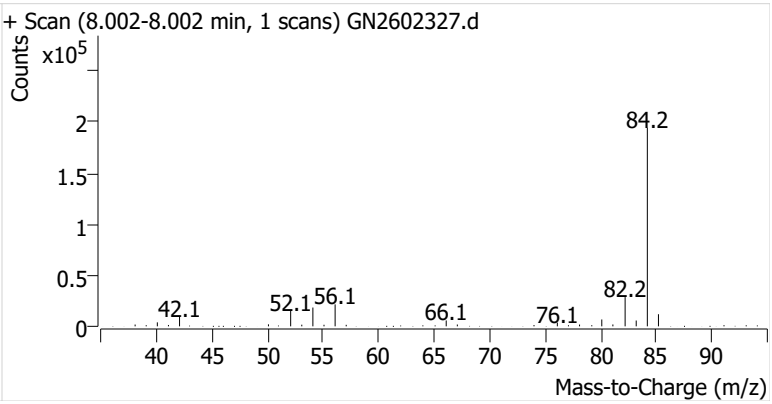
Sample Chromatogram



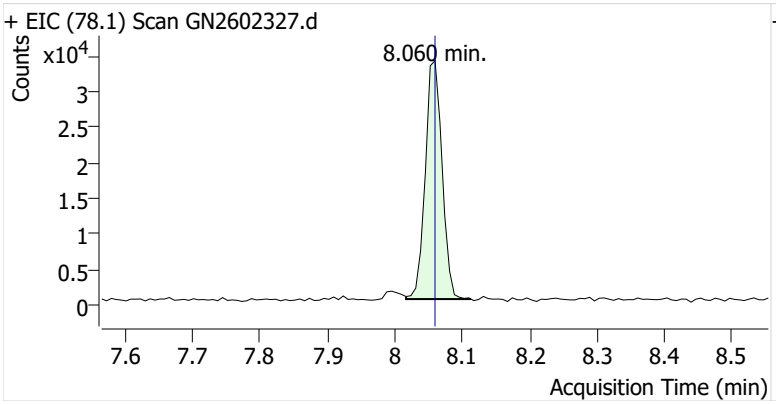
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	327,389	
Benzene	benzene-d6 (IS)	8.060	8.059	58,100	
Toluene-d8 (IS)		10.688	10.688	362,019	
Toluene	Toluene-d8 (IS)	10.789	10.789	138,672	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	24,507	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	48,479	
o-Xylene	Toluene-d8 (IS)	13.654	13.647	18,633	

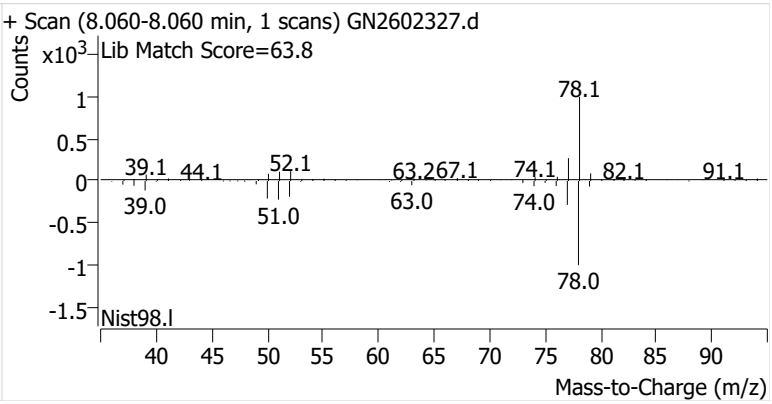
benzene-d6 (IS)



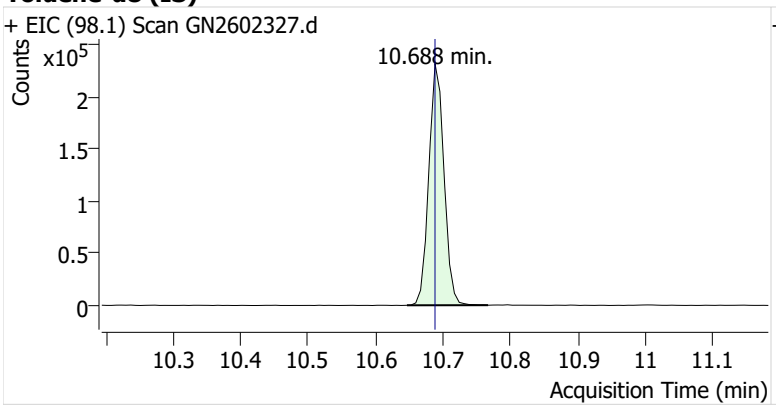


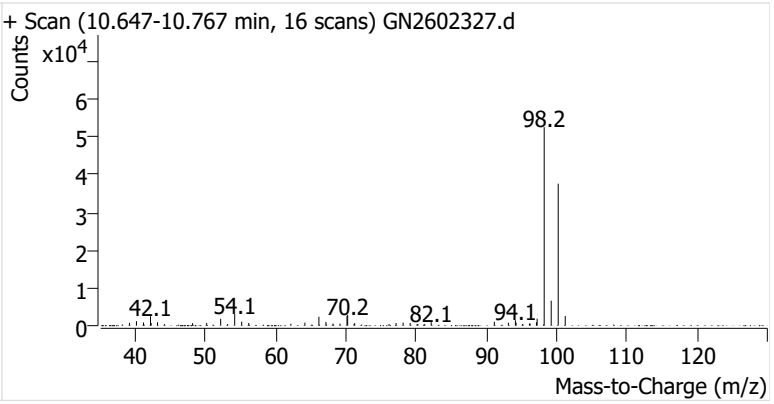
Benzene



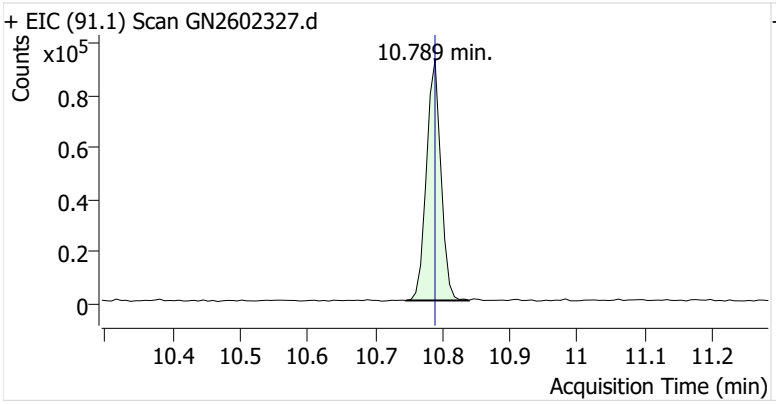


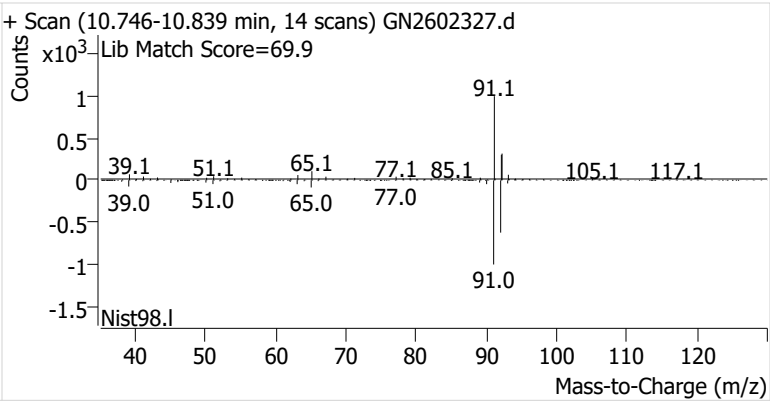
Toluene-d8 (IS)



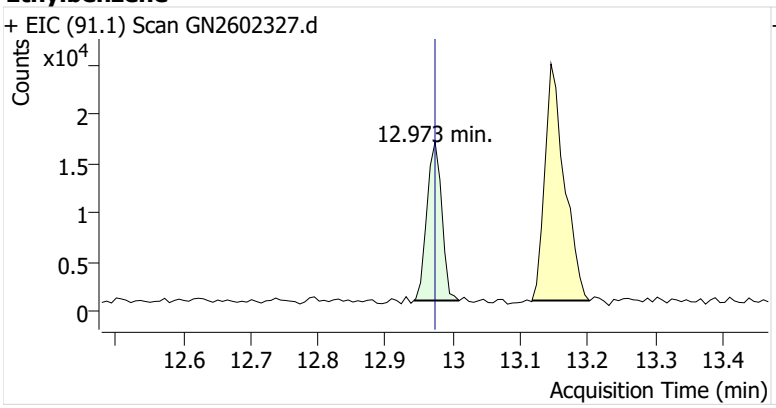


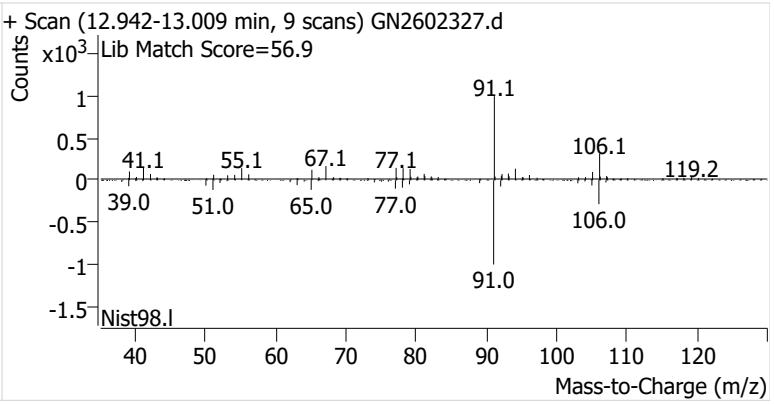
Toluene



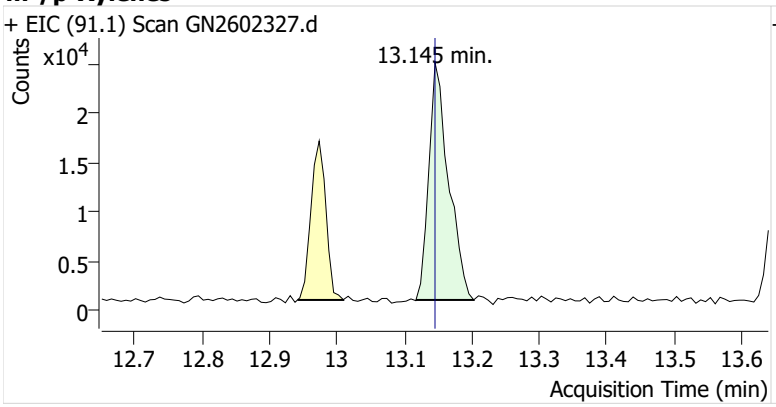


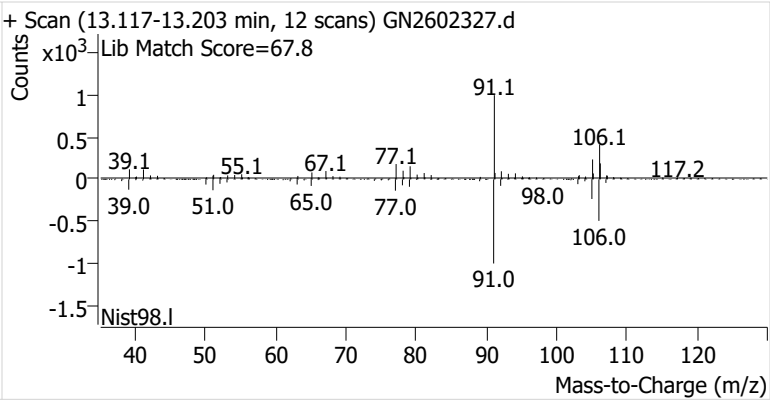
Ethylbenzene



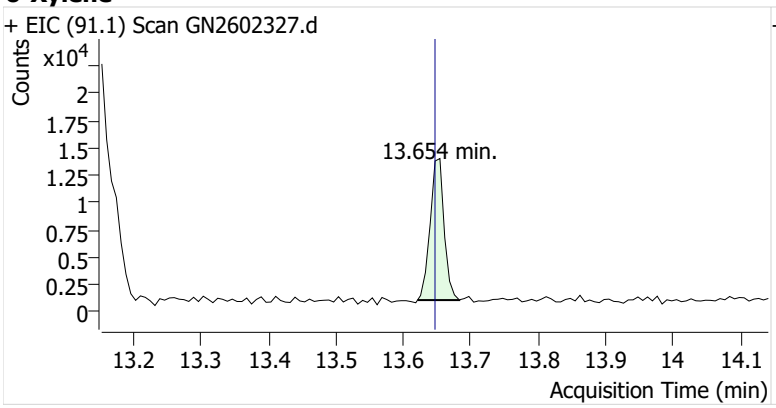


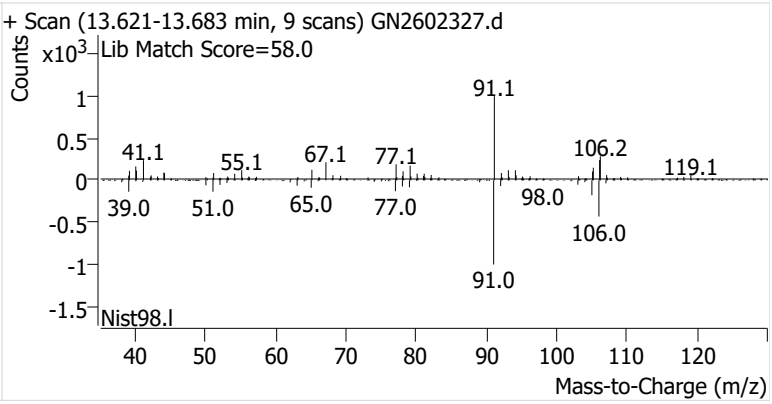
m-/p-Xylenes





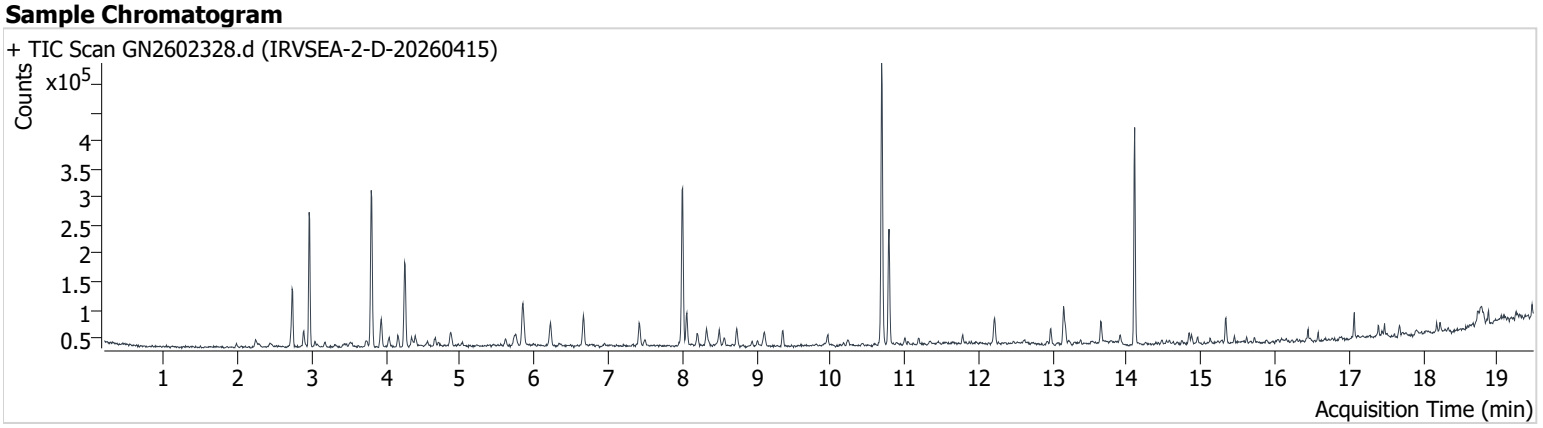
o-Xylene


+ EIC (91.1) Scan GN2602327.d
Counts
x10^4
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.621-13.683 min, 9 scans) GN2602327.d
Counts
x10^3
Lib Match Score=58.0
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
106.2
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

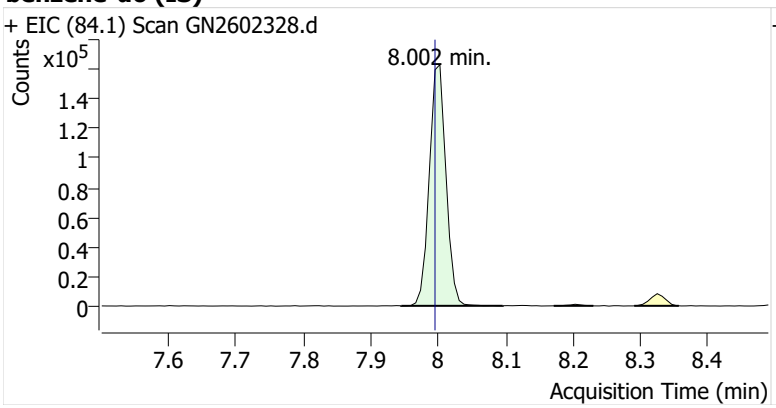
Name	IRVSEA-2-D-20260415
Comment	C73545
Data File	GN2602328.d
Acq. Date-Time	4/30/2026 5:11:52 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

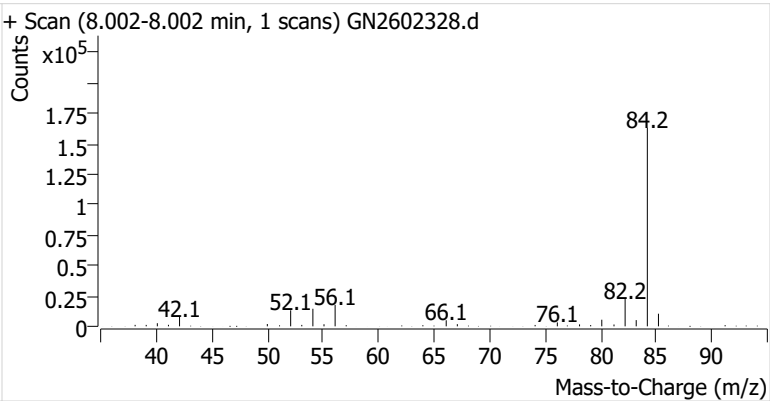
Sample Chromatogram



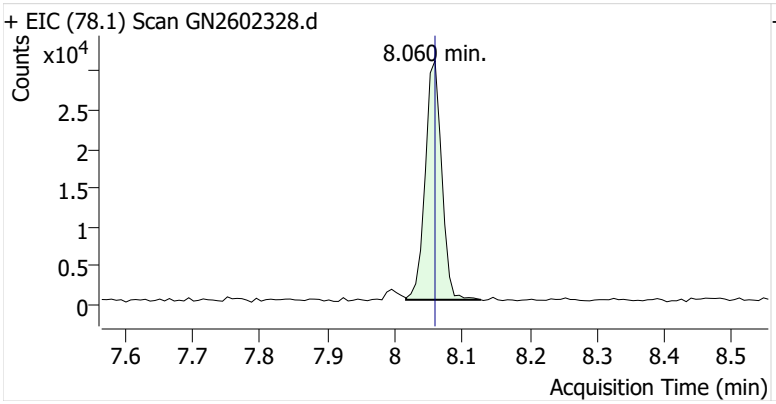
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	279,036	
Benzene	benzene-d6 (IS)	8.060	8.059	52,164	
Toluene-d8 (IS)		10.688	10.688	334,976	
Toluene	Toluene-d8 (IS)	10.789	10.789	145,292	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	19,049	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	51,098	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	20,746	

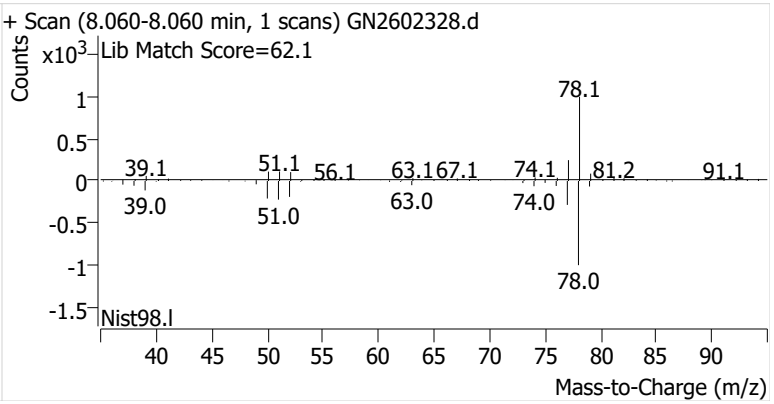
benzene-d6 (IS)



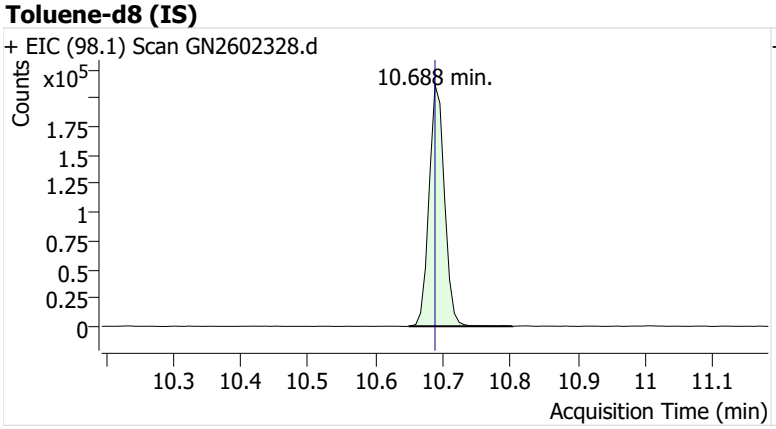


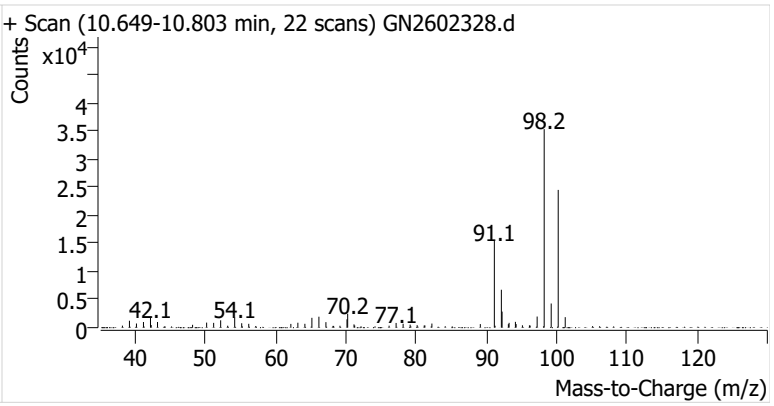
Benzene



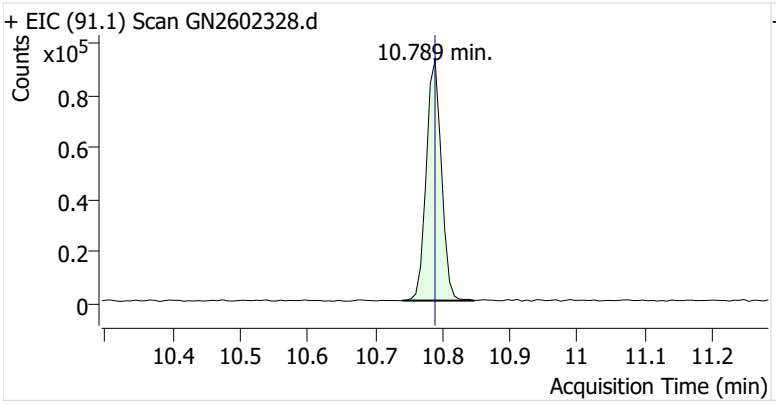


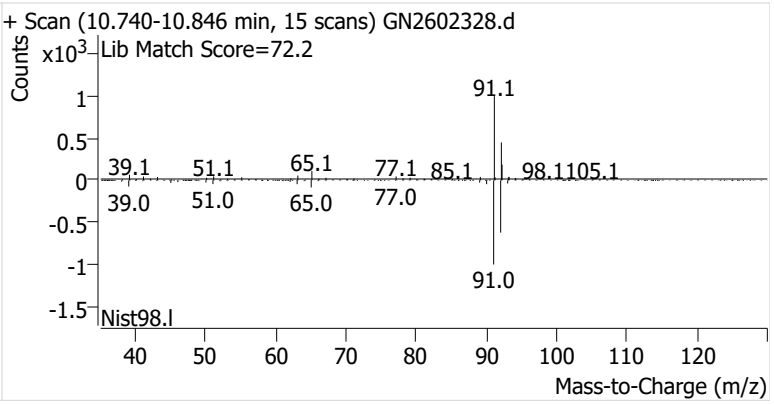
Toluene-d8 (IS)



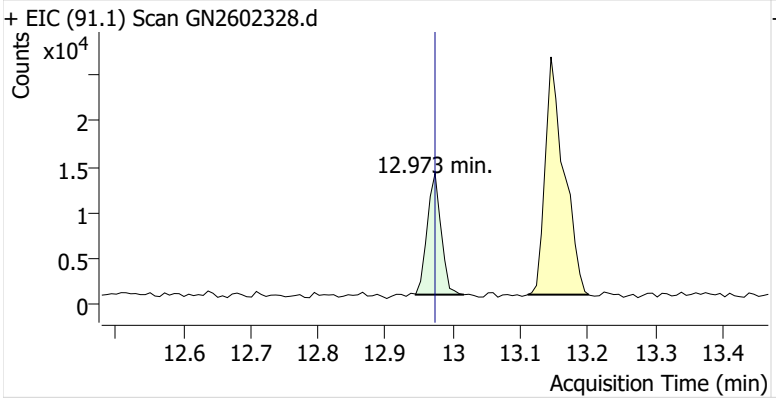


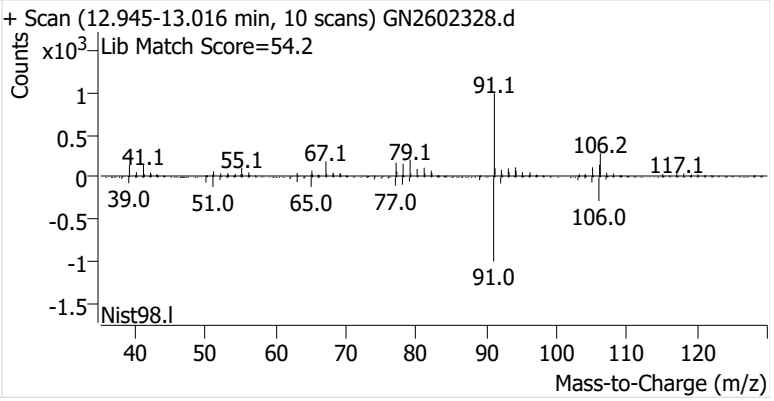
Toluene



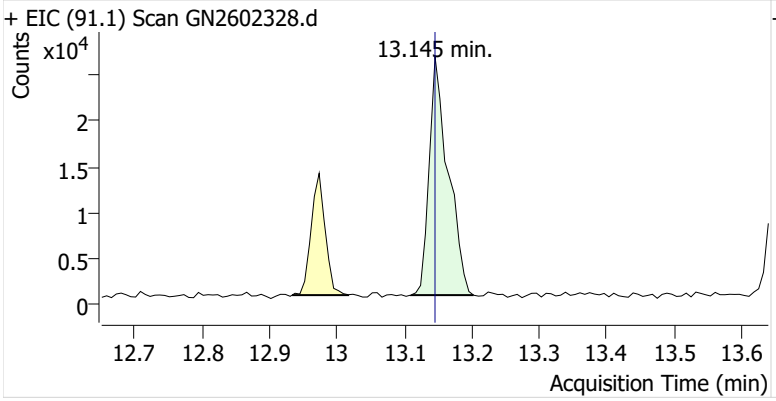


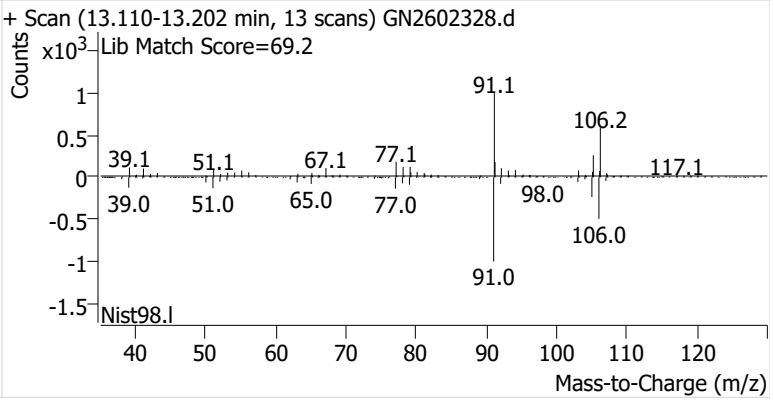
Ethylbenzene



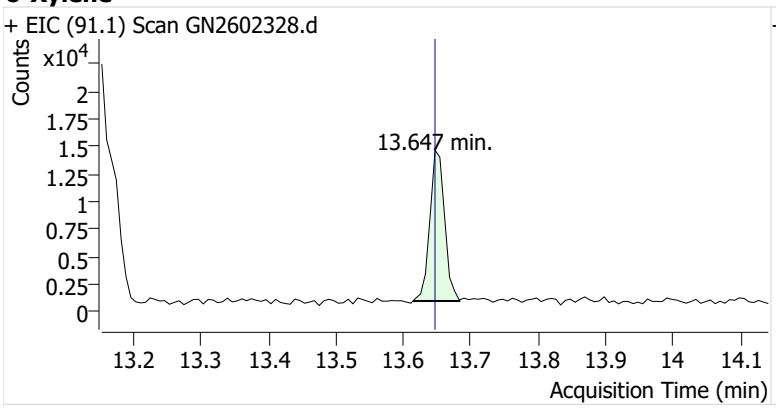


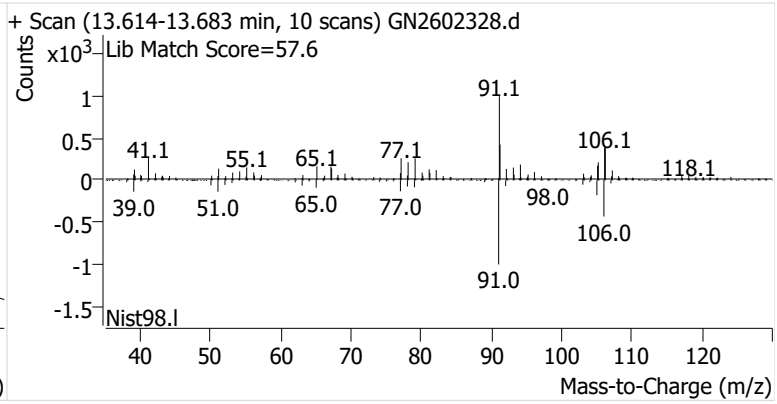
m-/p-Xylenes





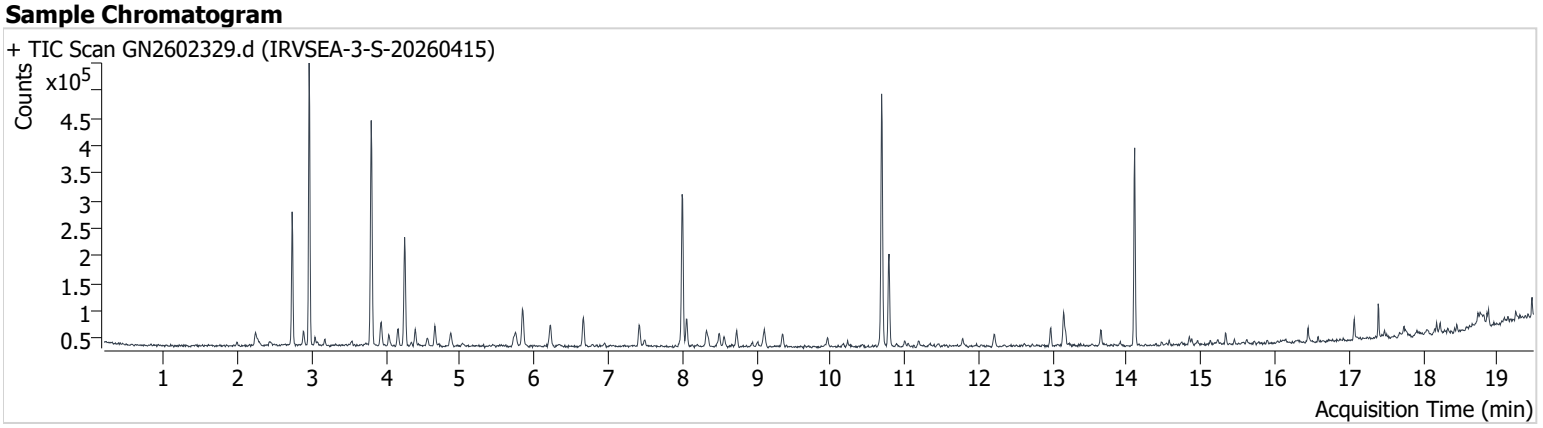
o-Xylene


+ EIC (91.1) Scan GN2602328.d
Counts
x10^4
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.614-13.683 min, 10 scans) GN2602328.d
Lib Match Score=57.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
65.1
77.1
106.1
118.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

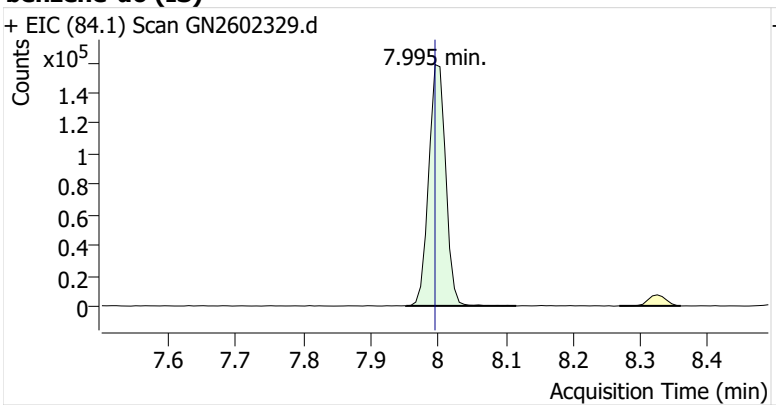
Name	IRVSEA-3-S-20260415
Comment	B39455
Data File	GN2602329.d
Acq. Date-Time	4/30/2026 5:37:08 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

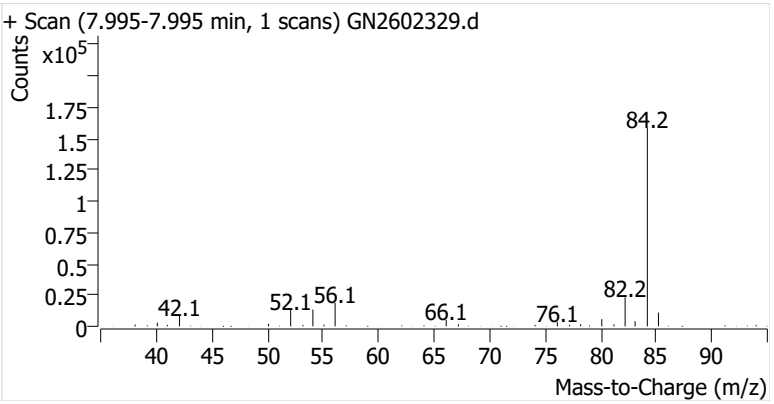
Sample Chromatogram



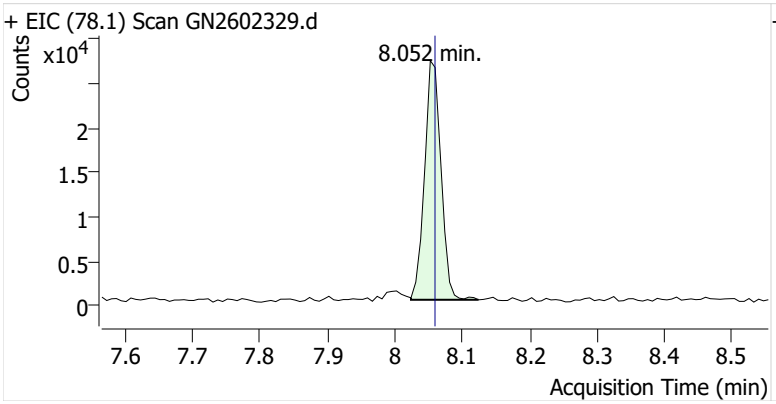
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	7.995	276,949	
Benzene	benzene-d6 (IS)	8.052	8.059	45,481	
Toluene-d8 (IS)		10.688	10.688	301,701	
Toluene	Toluene-d8 (IS)	10.789	10.789	116,247	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	22,632	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	48,135	
o-Xylene	Toluene-d8 (IS)	13.654	13.647	15,618	

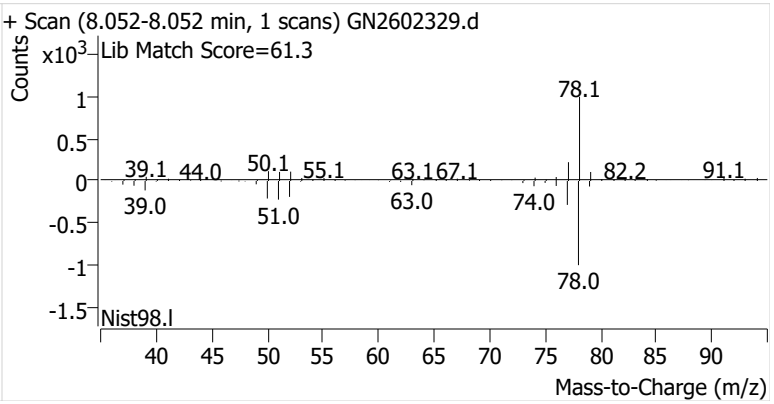
benzene-d6 (IS)



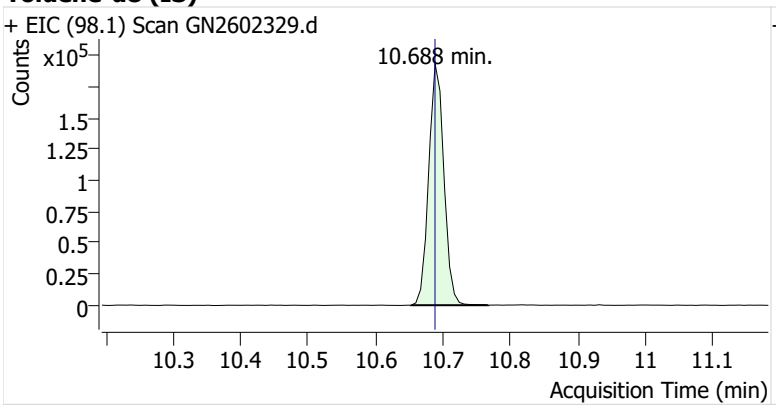


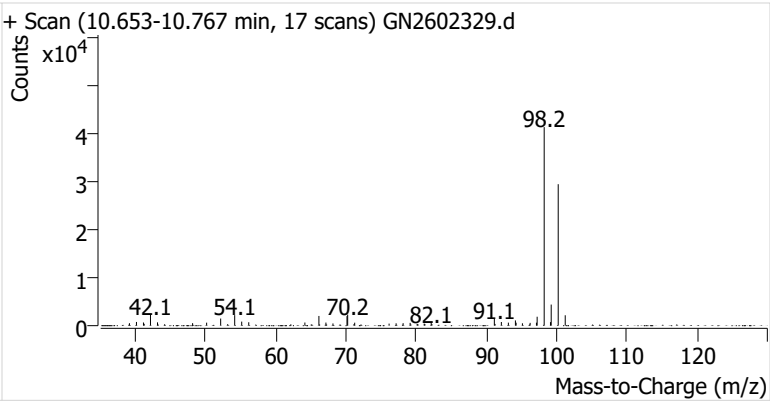
Benzene



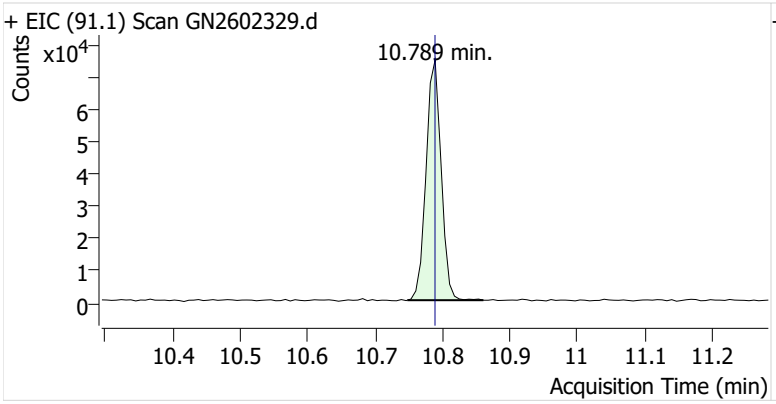


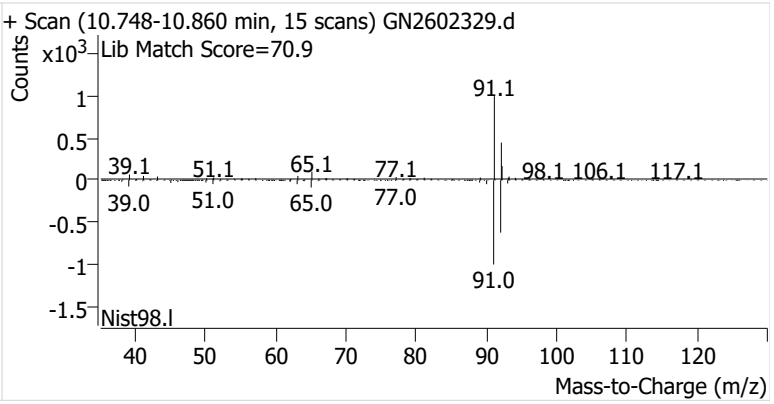
Toluene-d8 (IS)



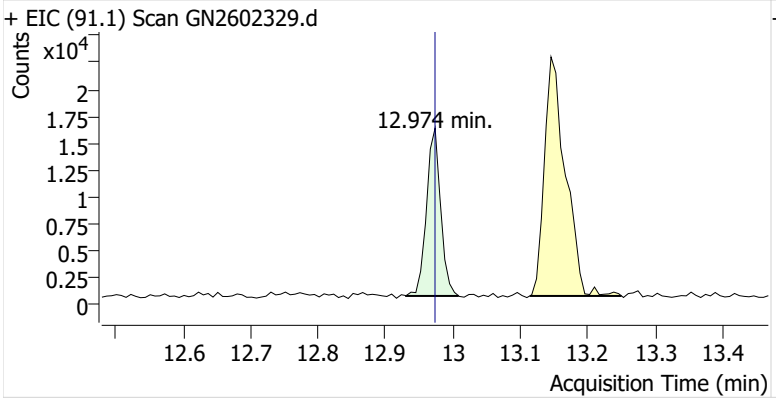


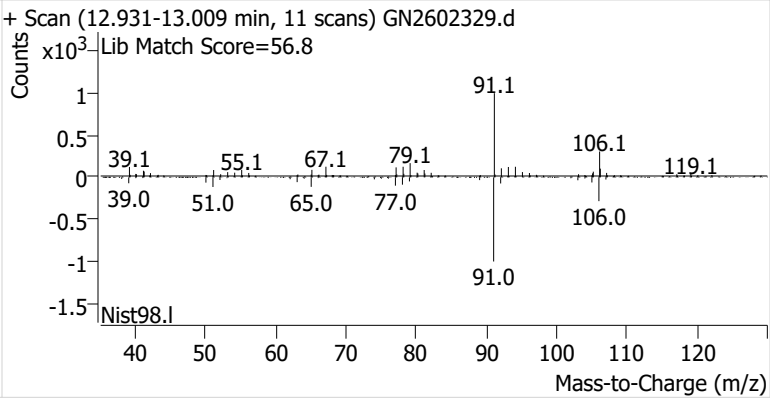
Toluene



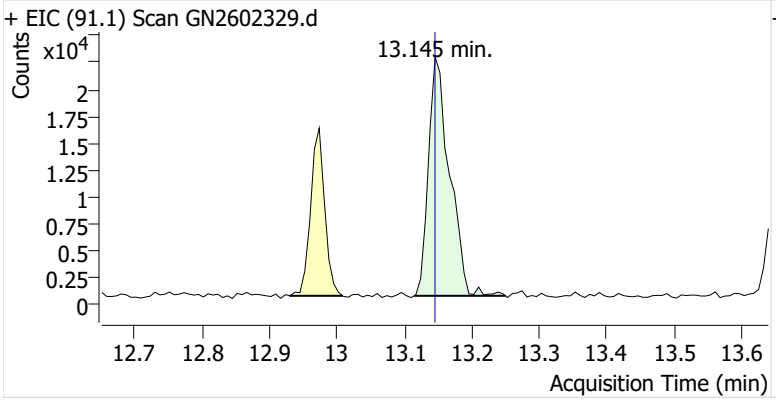


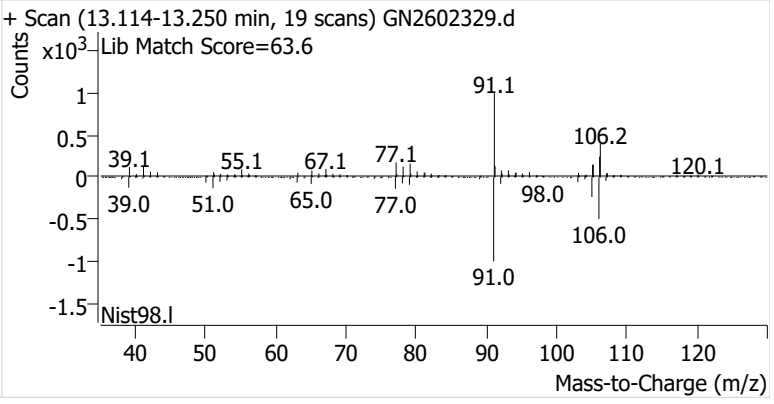
Ethylbenzene



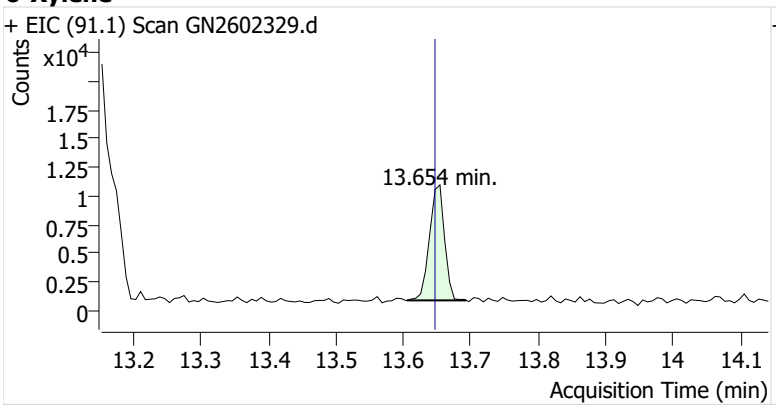


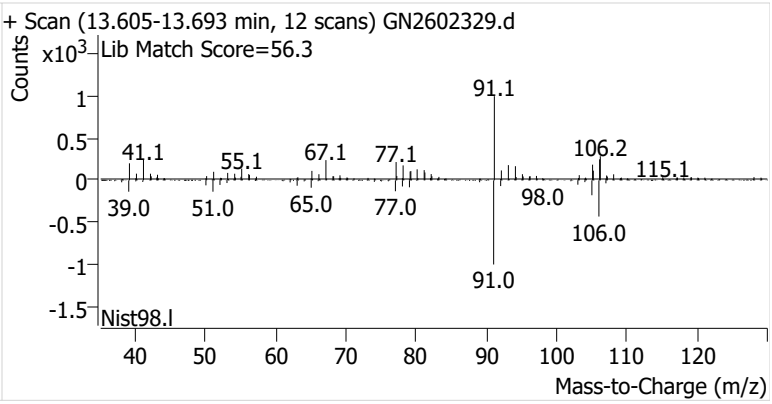
m-/p-Xylenes





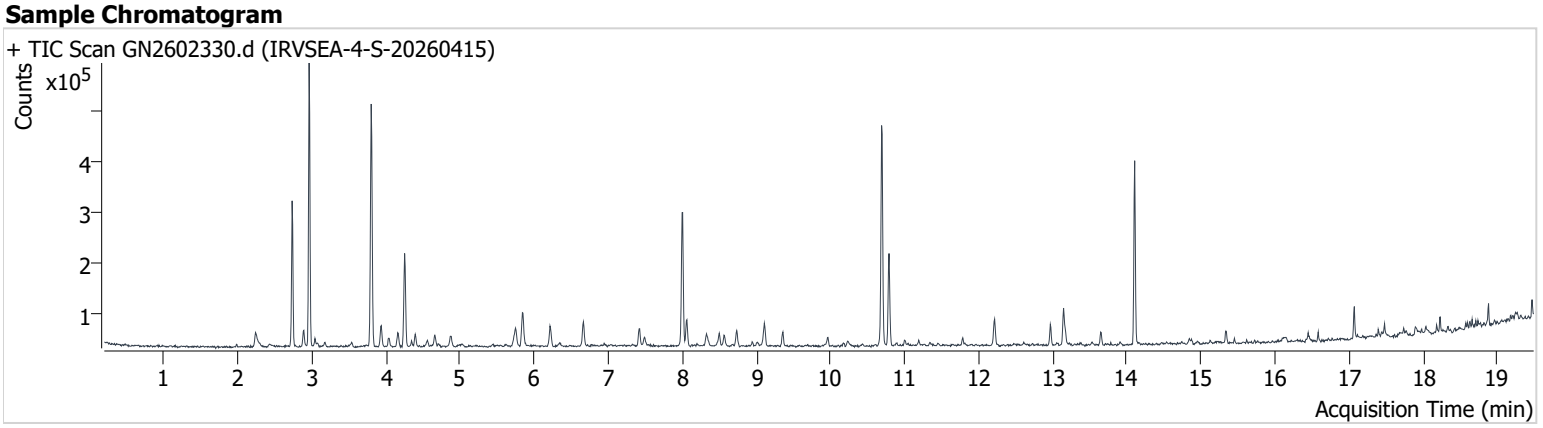
o-Xylene


+ EIC (91.1) Scan GN2602329.d
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.605-13.693 min, 12 scans) GN2602329.d
Lib Match Score=56.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
106.2
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

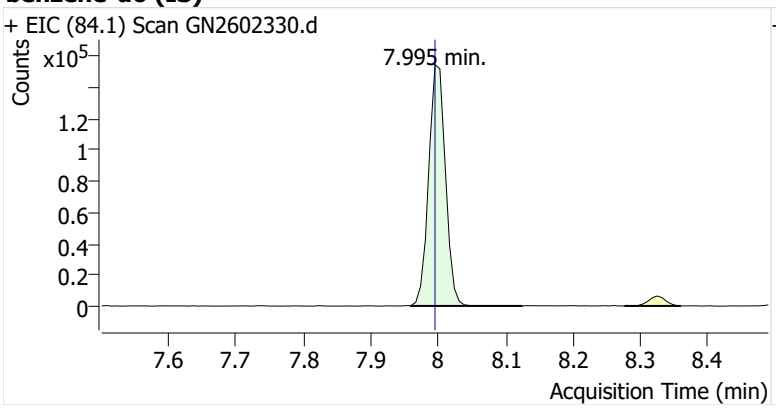
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Comment	C38950
Data File	GN2602330.d
Acq. Date-Time	4/30/2026 6:02:27 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

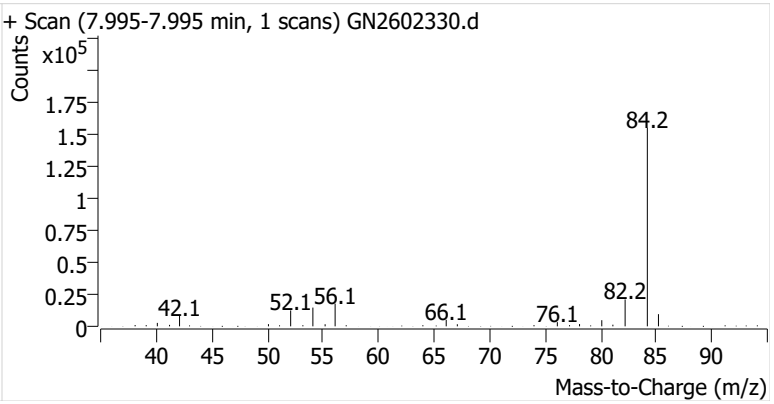
Sample Chromatogram



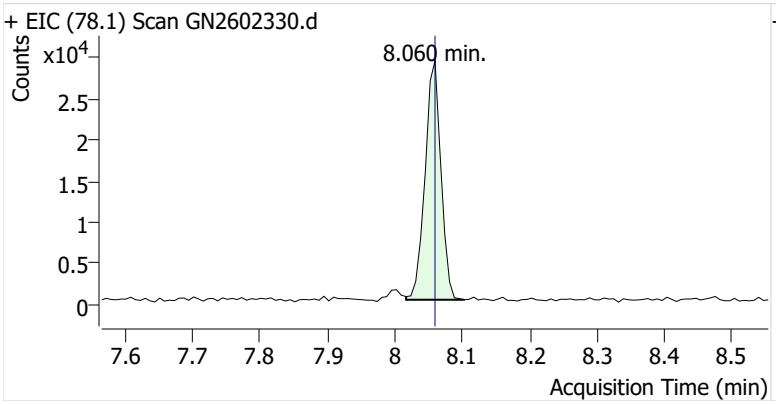
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	7.995	267,034	
Benzene	benzene-d6 (IS)	8.060	8.059	47,375	
Toluene-d8 (IS)		10.688	10.688	294,069	
Toluene	Toluene-d8 (IS)	10.789	10.789	122,552	
Ethylbenzene	Toluene-d8 (IS)	12.966	12.973	27,037	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	54,471	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	13,593	

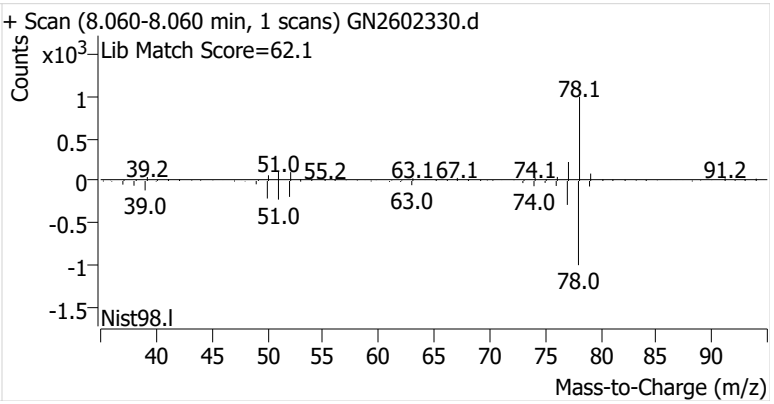
benzene-d6 (IS)



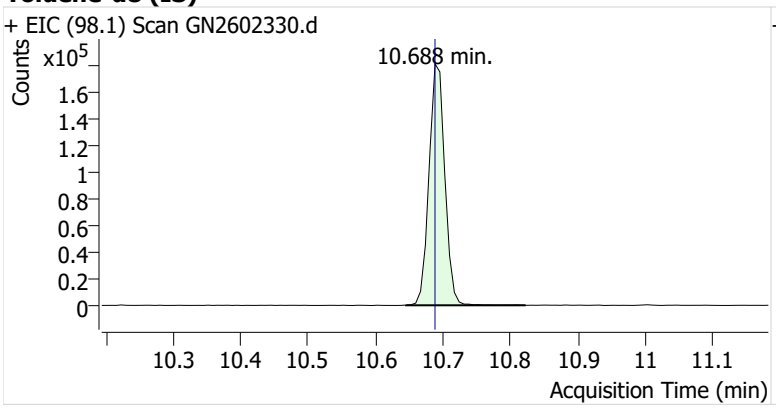


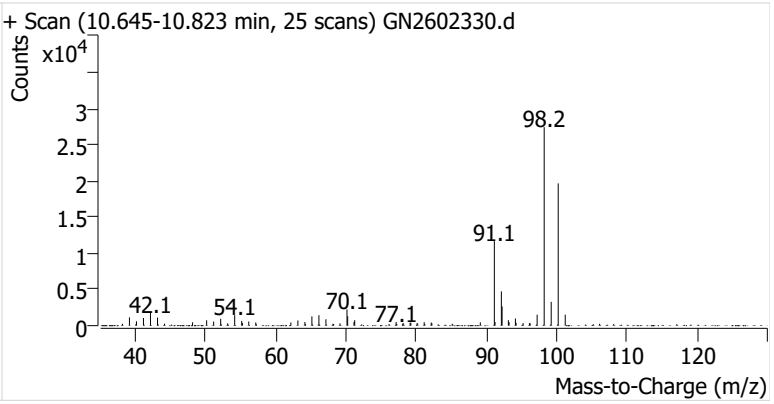
Benzene



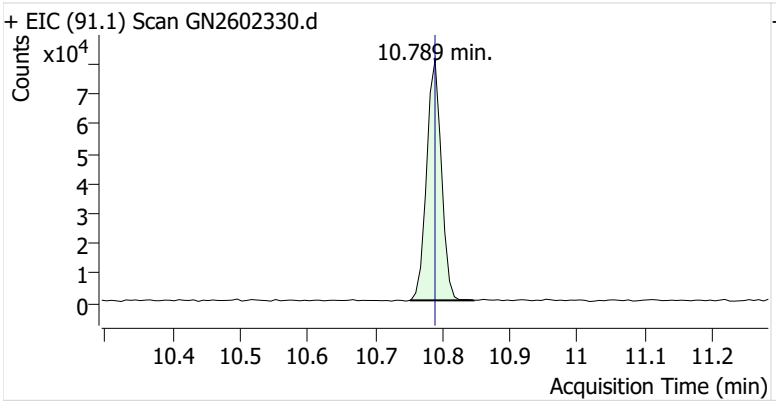


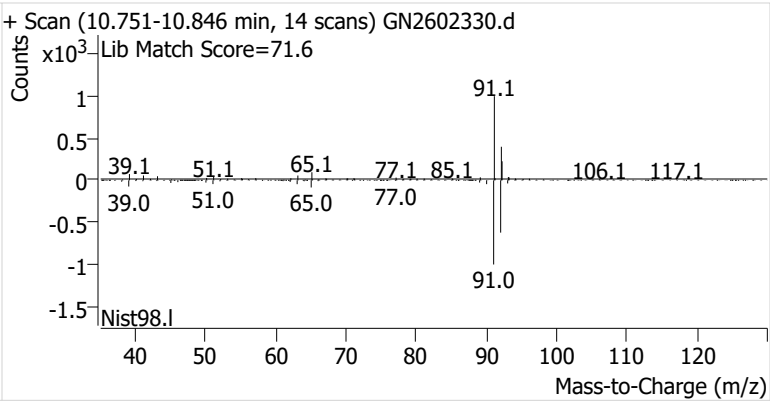
Toluene-d8 (IS)



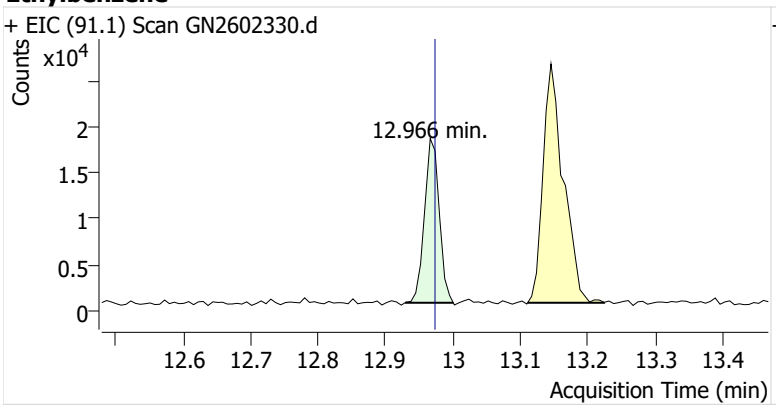


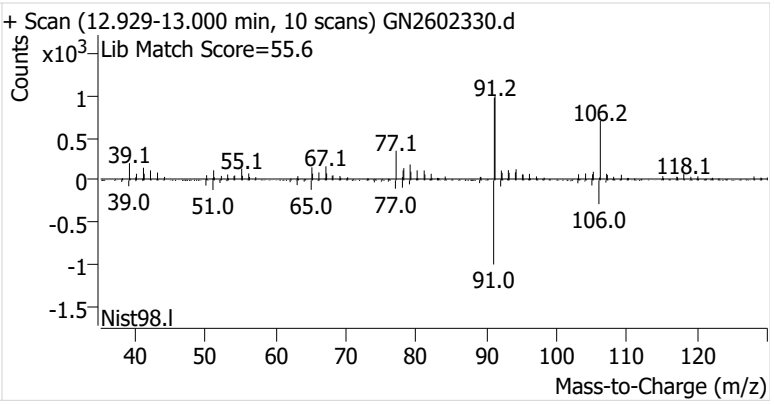
Toluene



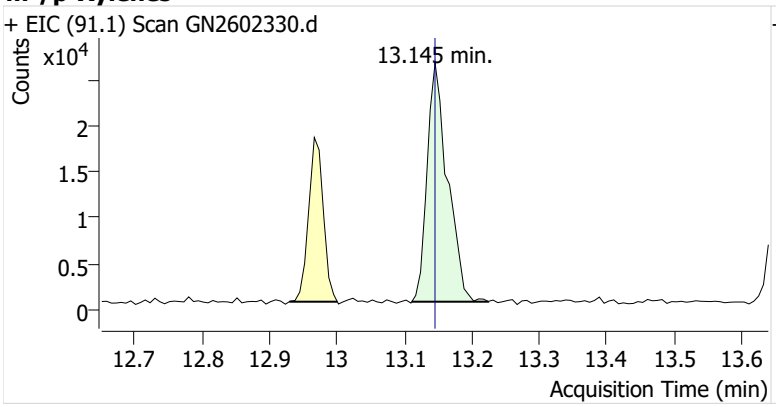


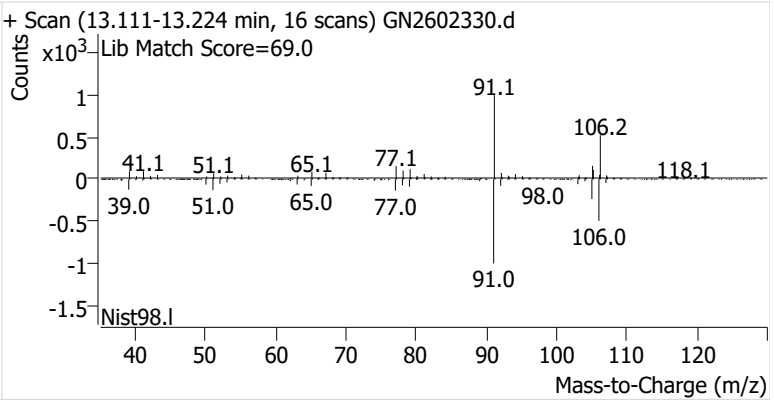
Ethylbenzene



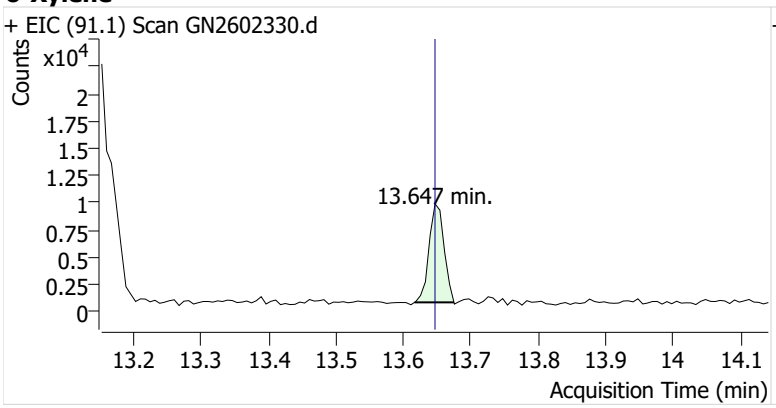


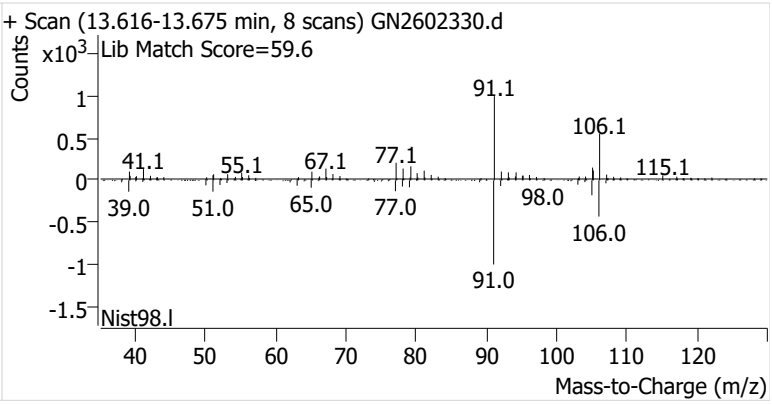
m-/p-Xylenes





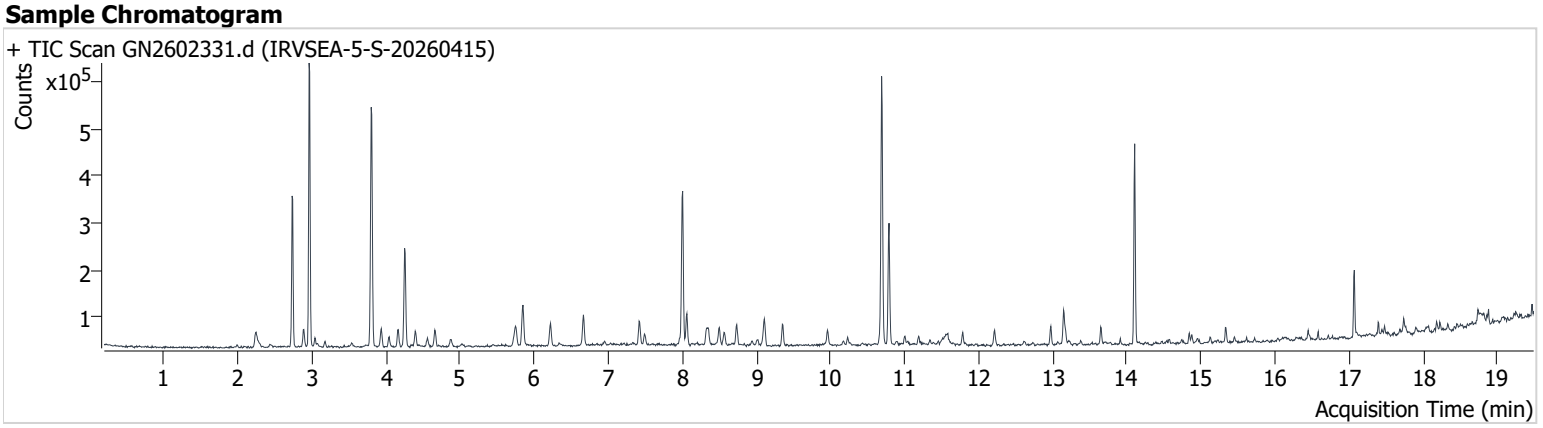
o-Xylene


+ EIC (91.1) Scan GN2602330.d
Counts
x10^4
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.616-13.675 min, 8 scans) GN2602330.d
Counts
x10^3
Lib Match Score=59.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
77.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

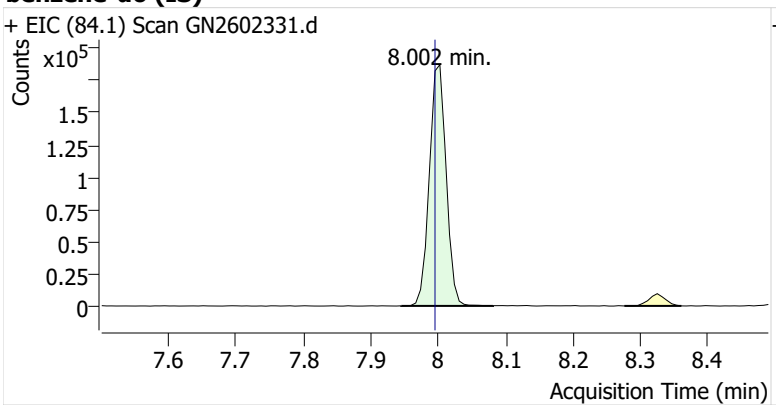
Name	IRVSEA-5-S-20260415
Comment	C36915
Data File	GN2602331.d
Acq. Date-Time	4/30/2026 6:28:33 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

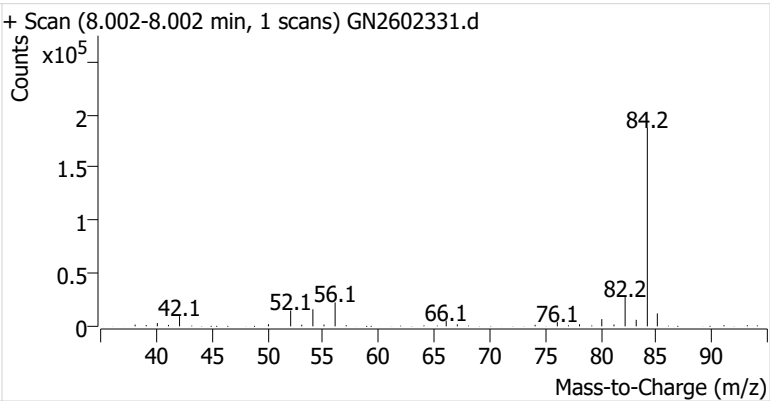
Sample Chromatogram



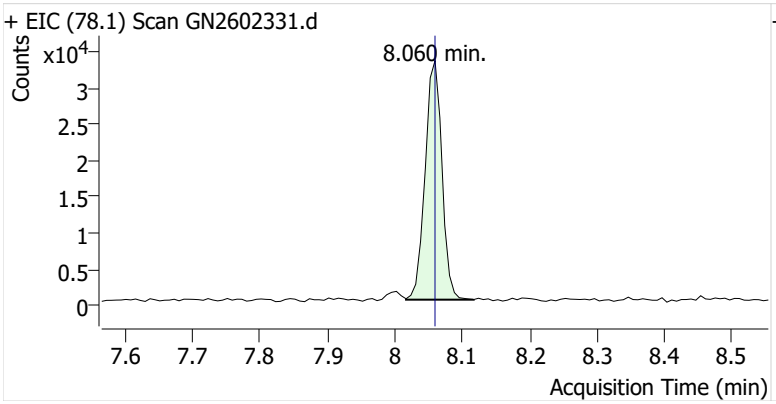
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	323,414	
Benzene	benzene-d6 (IS)	8.060	8.059	57,205	
Toluene-d8 (IS)		10.688	10.688	381,244	
Toluene	Toluene-d8 (IS)	10.789	10.789	173,086	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	27,355	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	52,844	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	18,643	

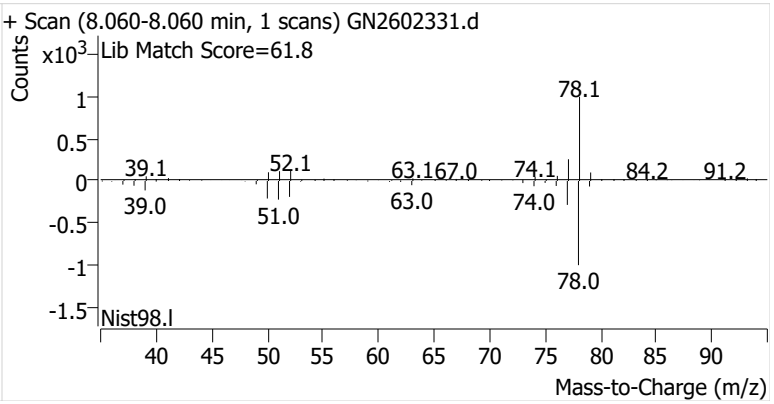
benzene-d6 (IS)



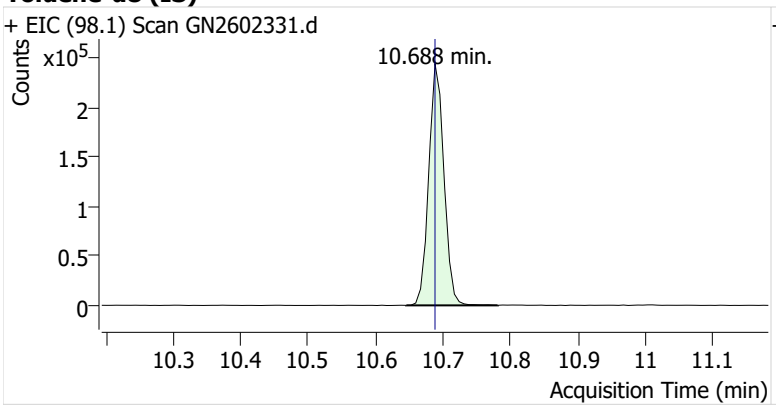


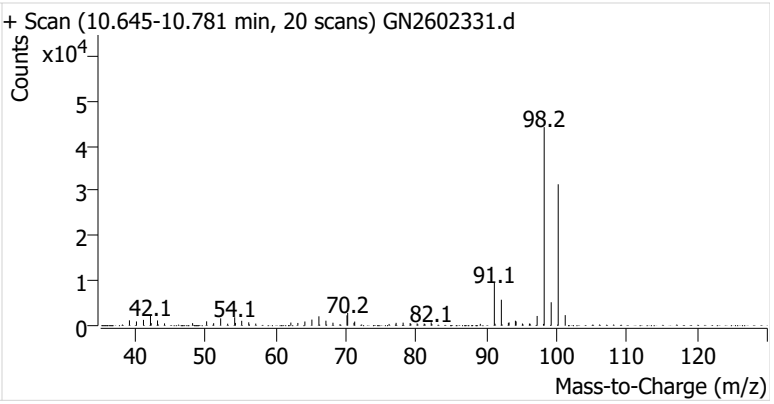
Benzene



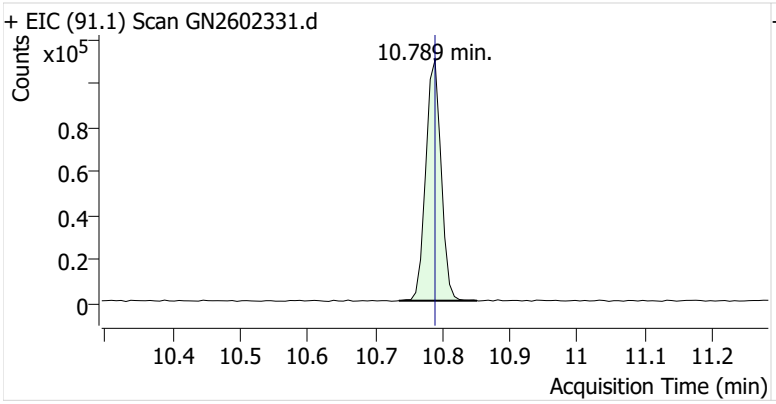


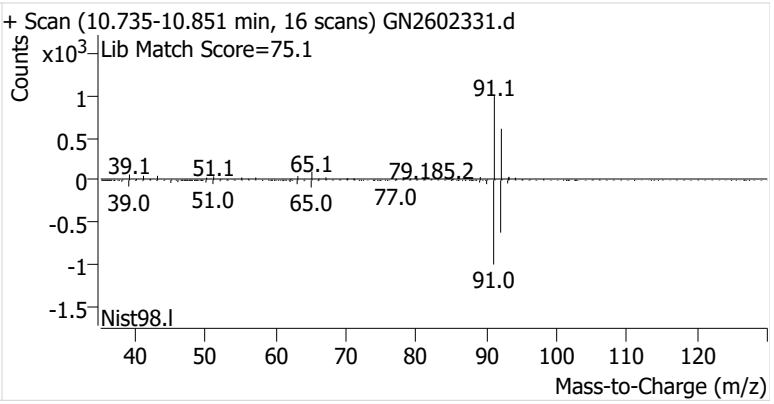
Toluene-d8 (IS)



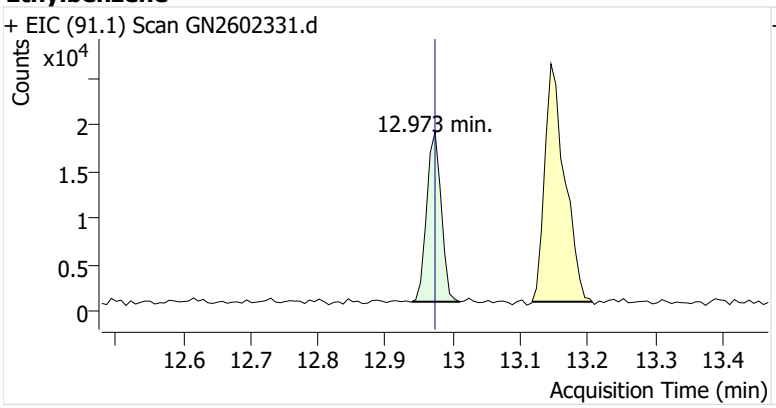


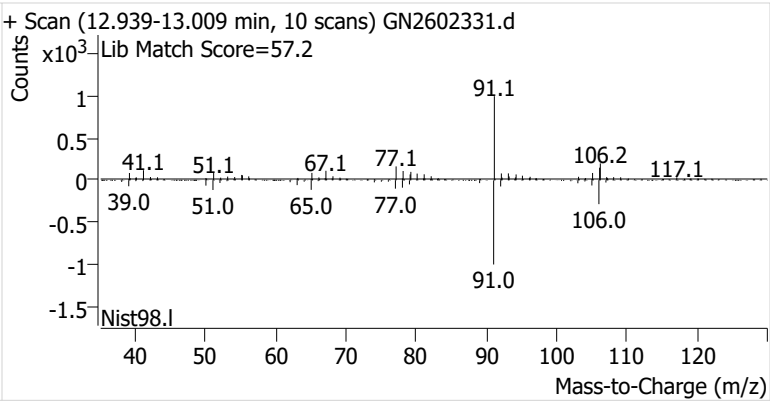
Toluene



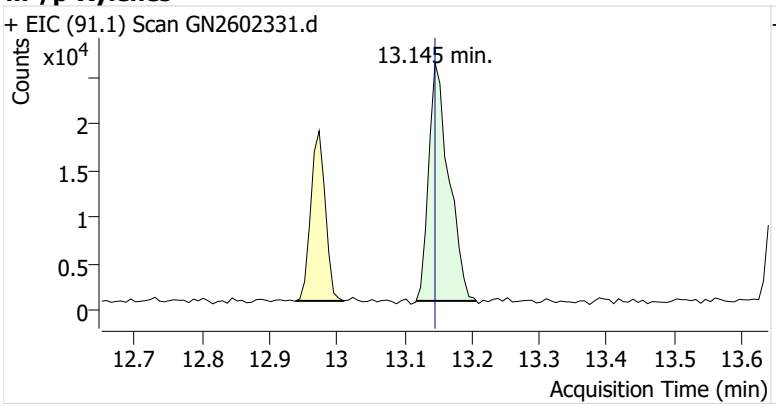


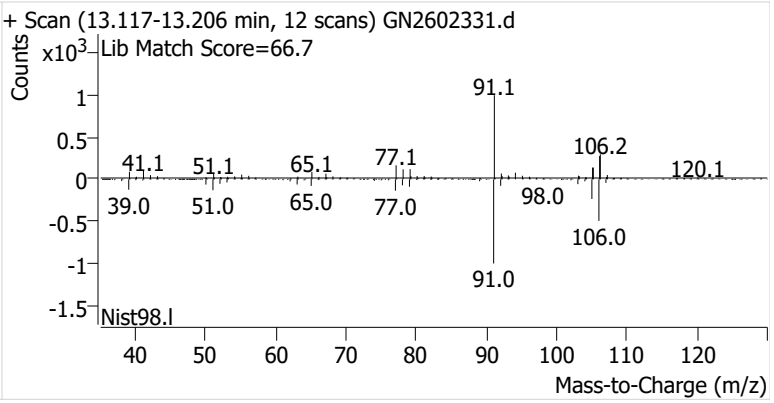
Ethylbenzene



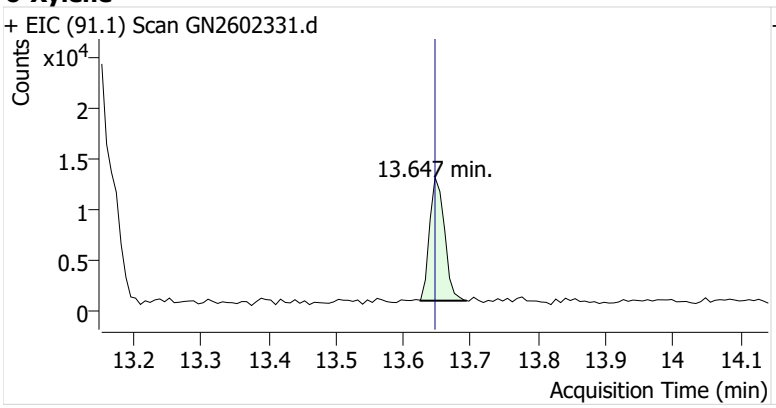


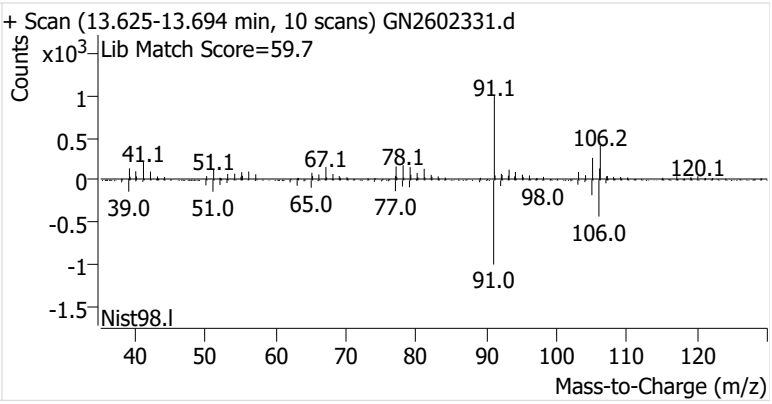
m-/p-Xylenes





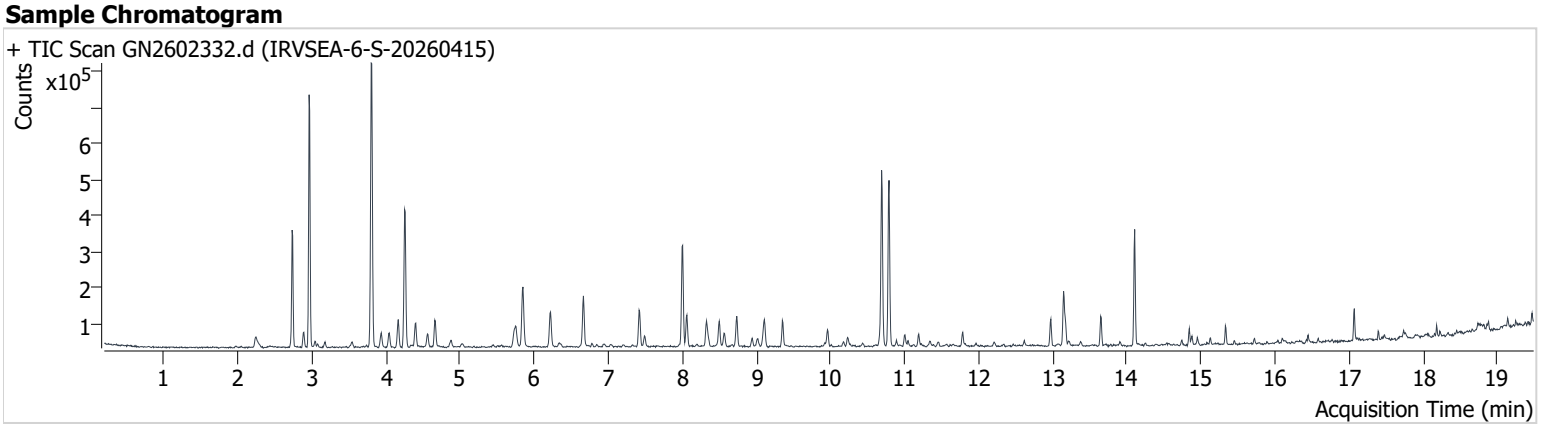
o-Xylene


+ EIC (91.1) Scan GN2602331.d
Counts
x10^4
2
1.5
1
0.5
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.694 min, 10 scans) GN2602331.d
Lib Match Score=59.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
51.1
67.1
78.1
120.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

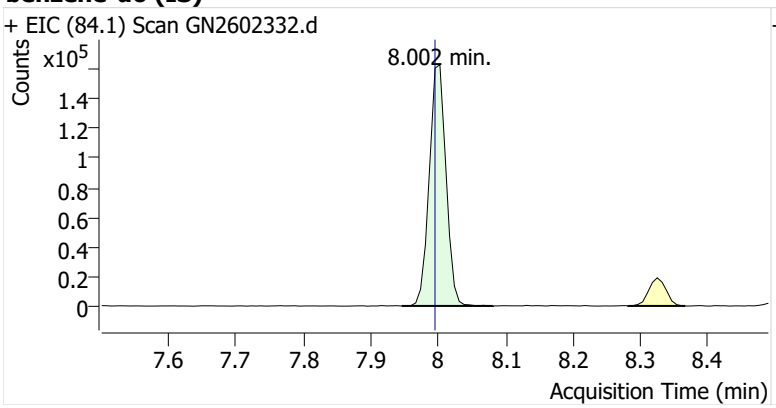
Name	IRVSEA-6-S-20260415
Comment	C37433
Data File	GN2602332.d
Acq. Date-Time	4/30/2026 6:53:46 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

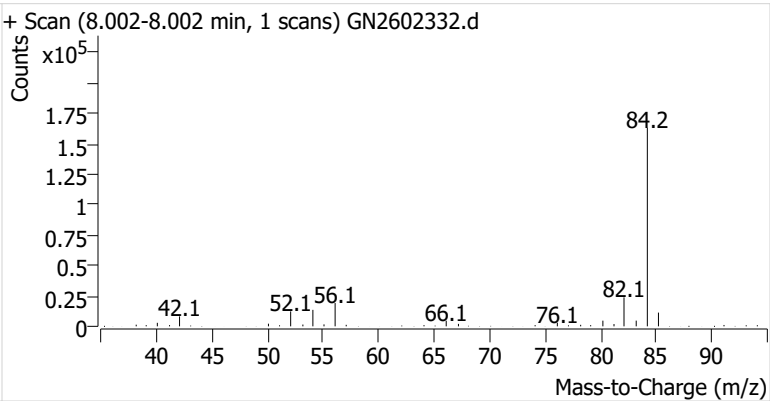
Sample Chromatogram



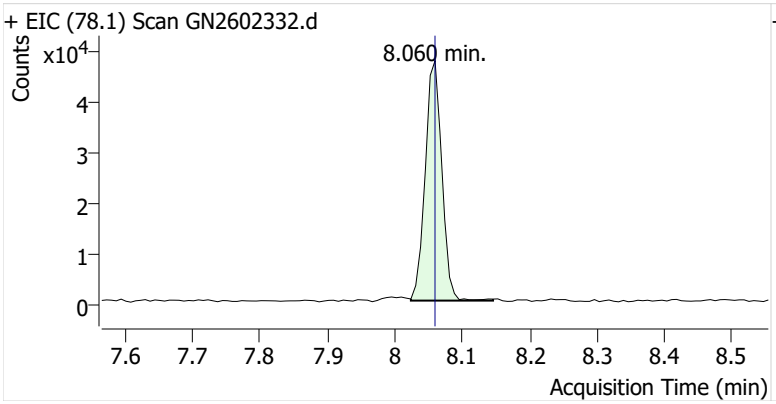
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	280,294	
Benzene	benzene-d6 (IS)	8.060	8.059	81,692	
Toluene-d8 (IS)		10.688	10.688	323,905	
Toluene	Toluene-d8 (IS)	10.789	10.789	320,817	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	51,489	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	116,602	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	44,846	

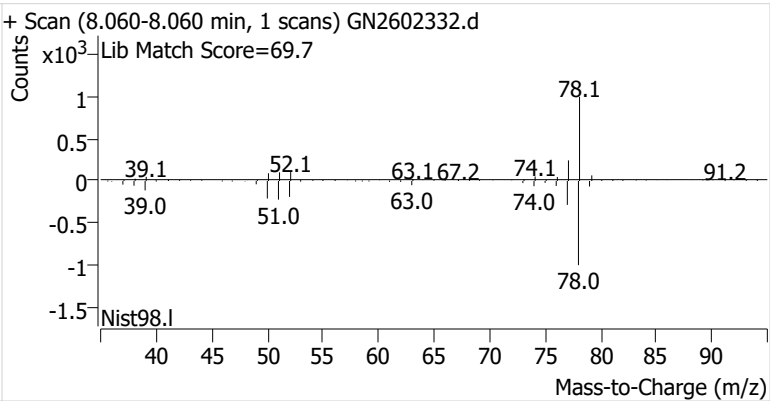
benzene-d6 (IS)



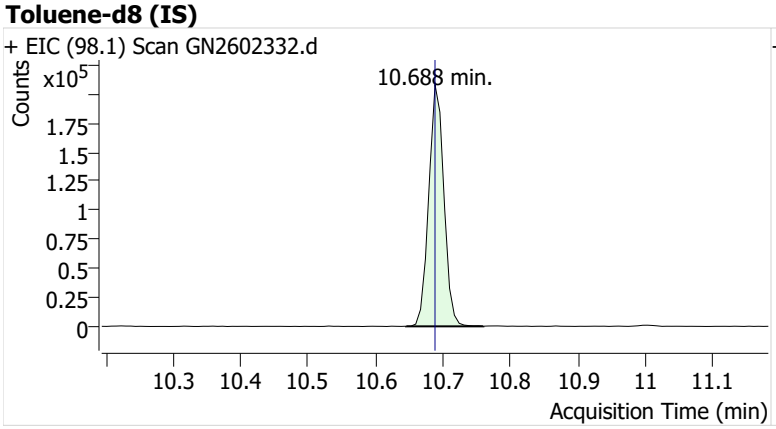


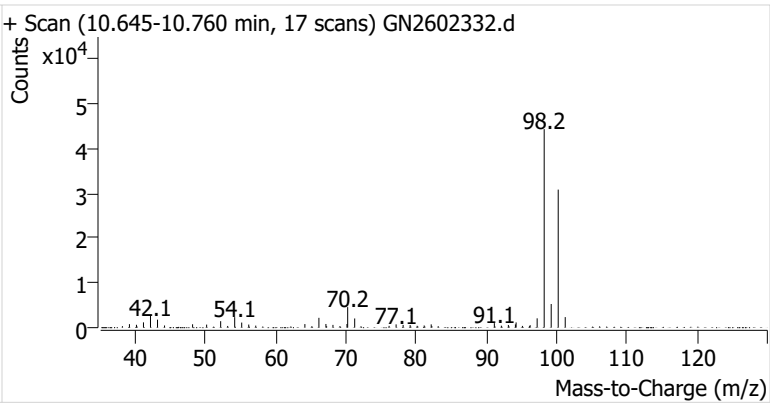
Benzene



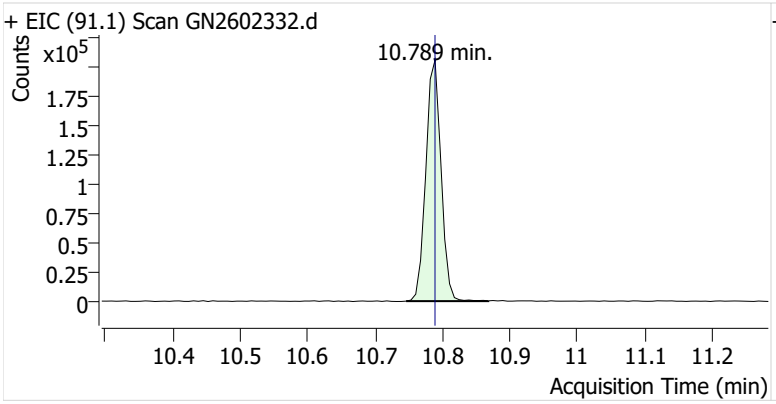


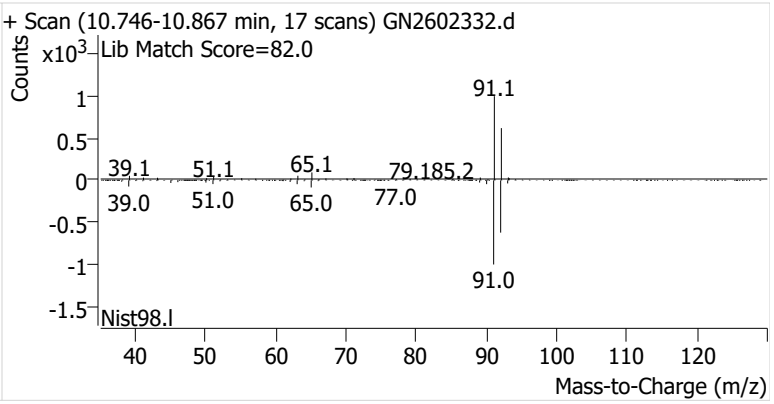
Toluene-d8 (IS)



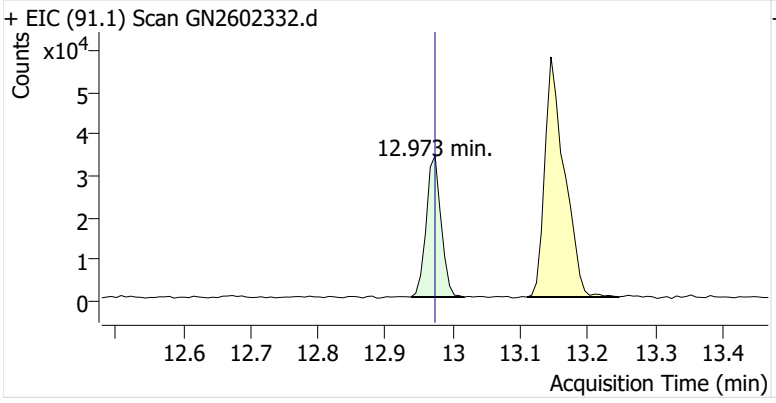


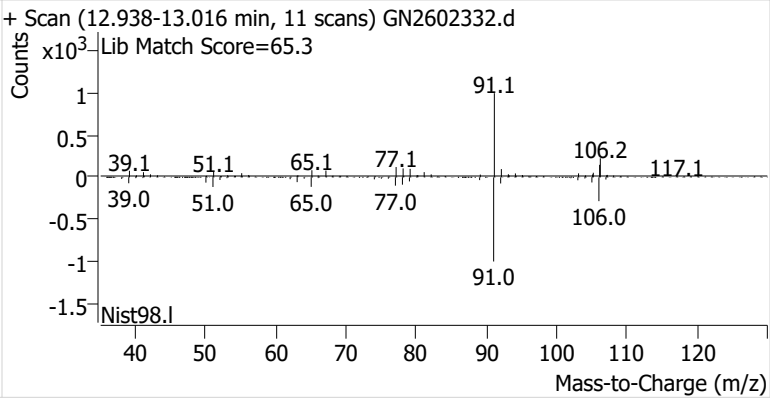
Toluene



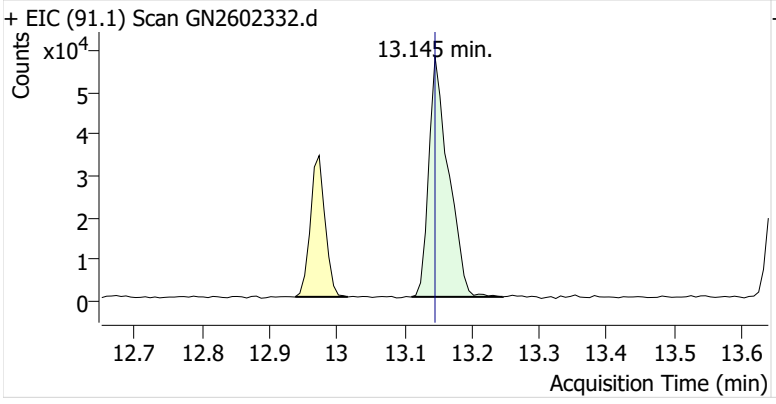


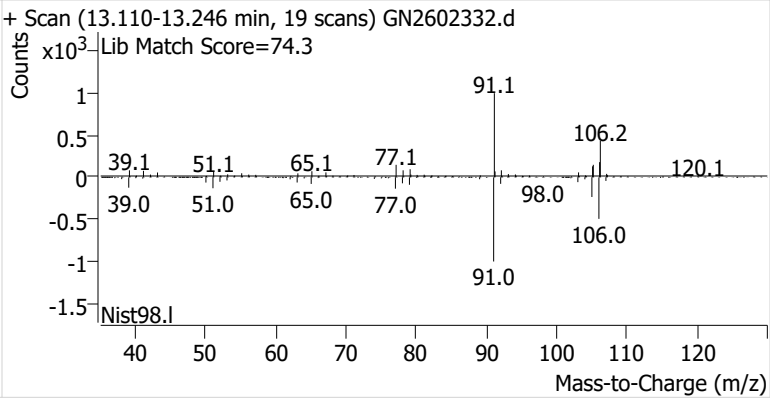
Ethylbenzene



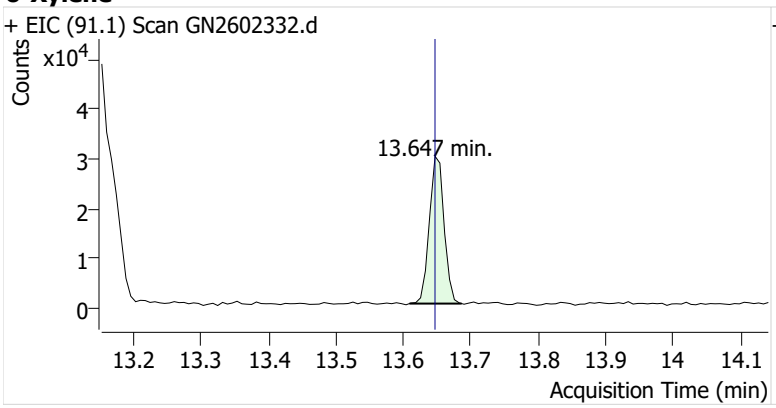


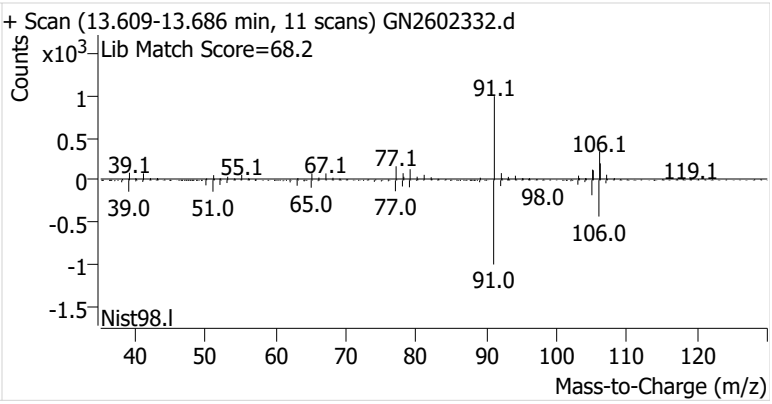
m-/p-Xylenes





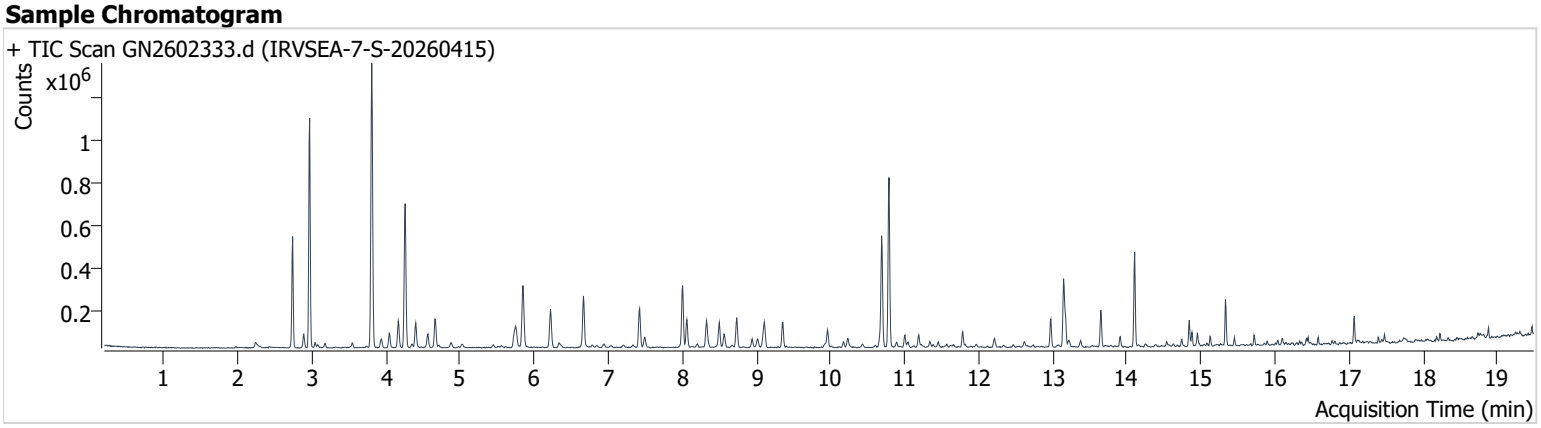
o-Xylene


+ EIC (91.1) Scan GN2602332.d
Counts
x10^4
4
3
2
1
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.609-13.686 min, 11 scans) GN2602332.d
Lib Match Score=68.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
77.1
119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

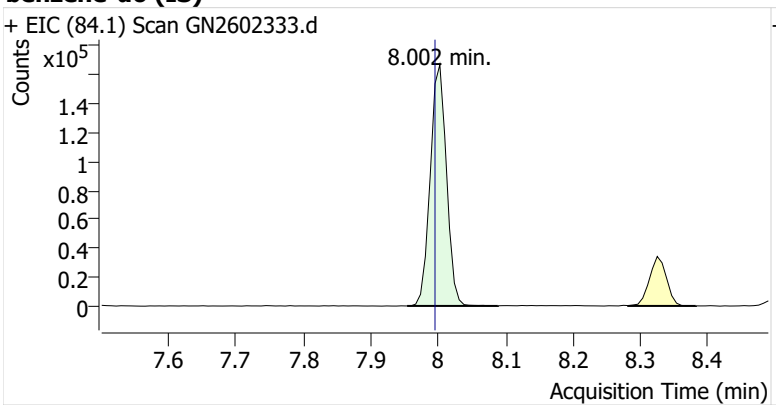
Name	IRVSEA-7-S-20260415
Comment	C57719
Data File	GN2602333.d
Acq. Date-Time	4/30/2026 7:19:04 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

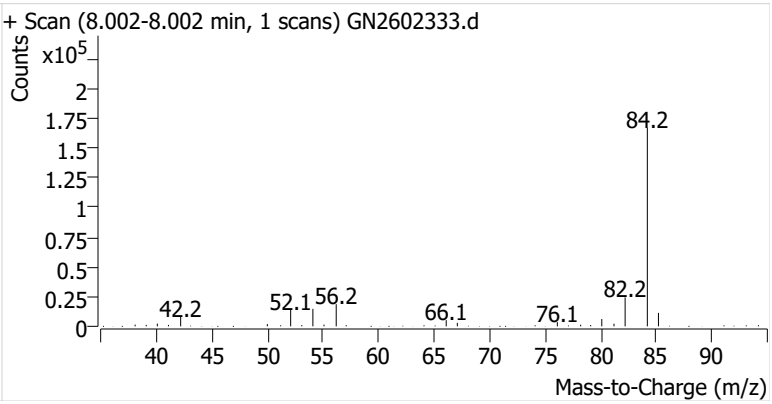
Sample Chromatogram



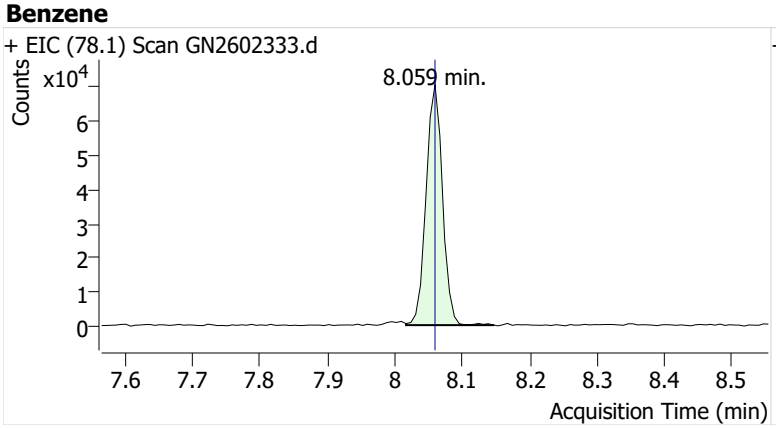
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	278,893	
Benzene	benzene-d6 (IS)	8.059	8.059	117,771	
Toluene-d8 (IS)		10.688	10.688	337,108	
Toluene	Toluene-d8 (IS)	10.789	10.789	540,726	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	89,483	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	243,173	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	93,633	

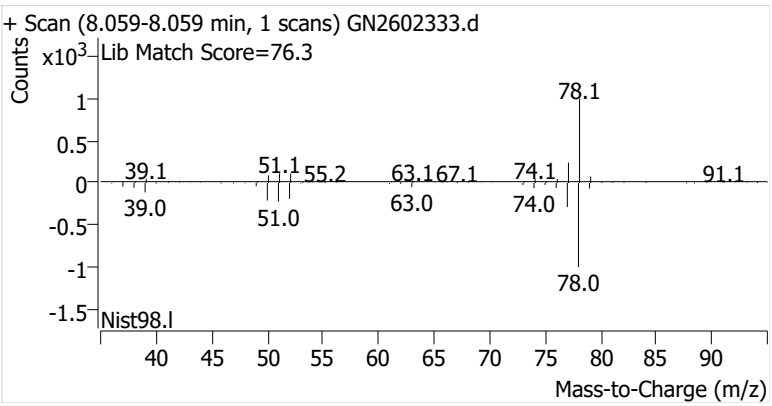
benzene-d6 (IS)



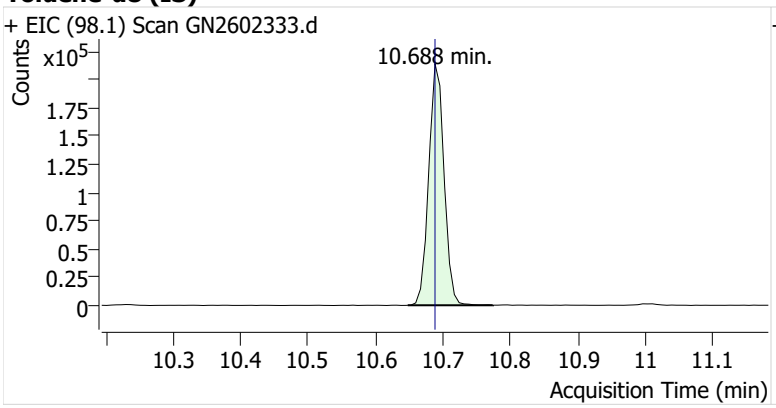


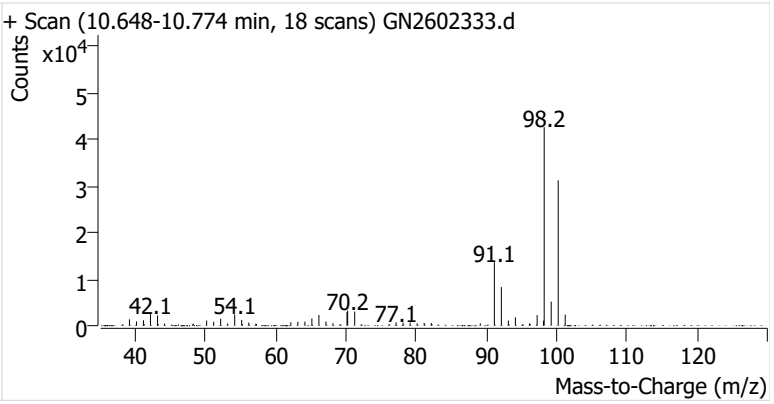
Benzene



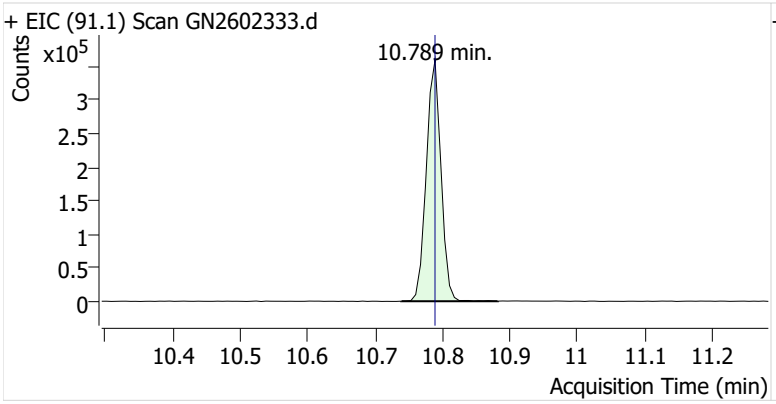


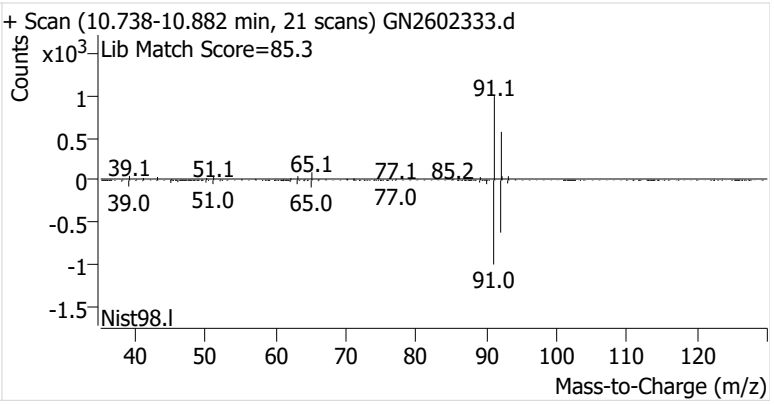
Toluene-d8 (IS)



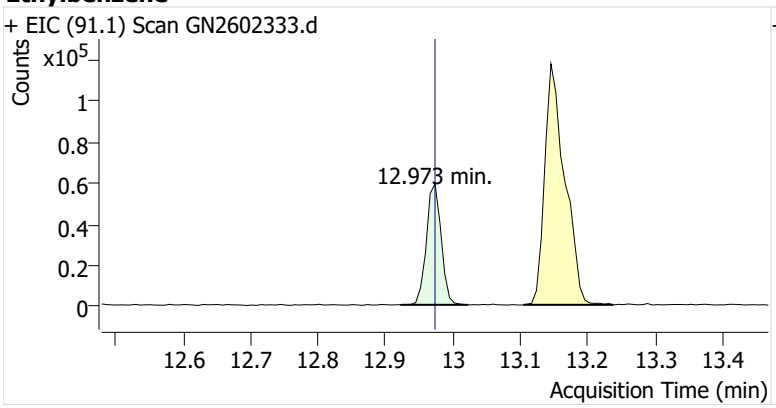


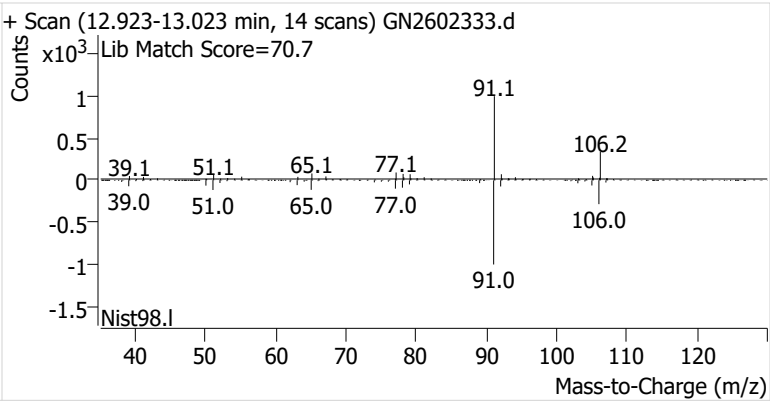
Toluene



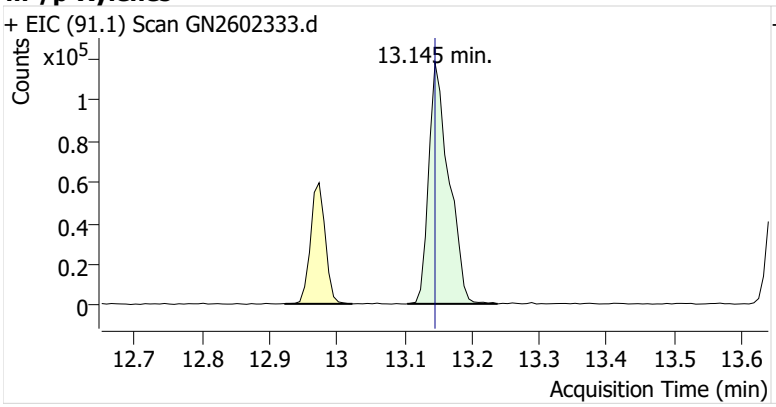


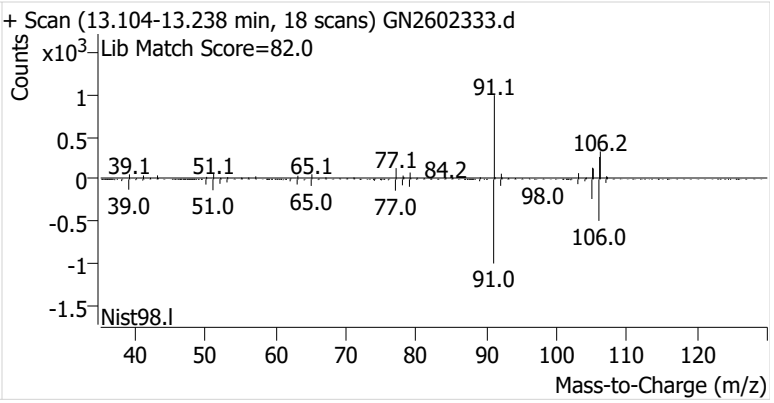
Ethylbenzene



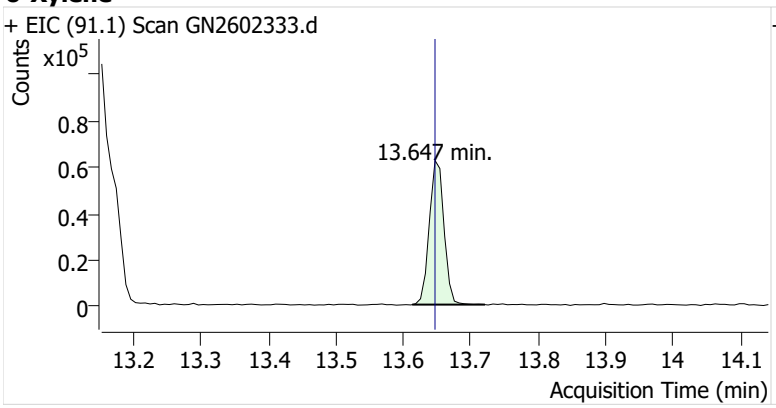


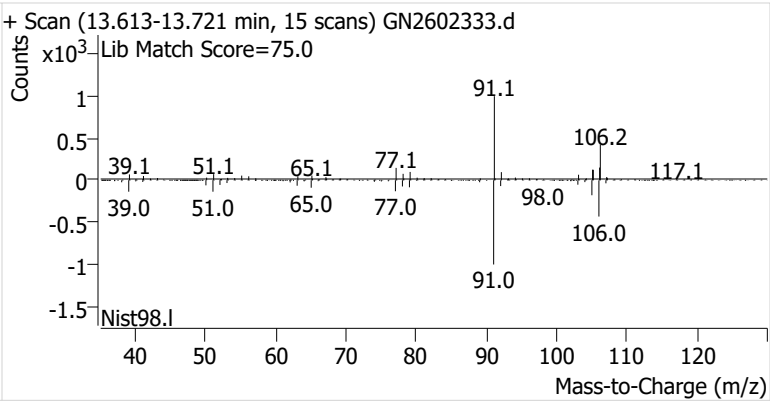
m-/p-Xylenes





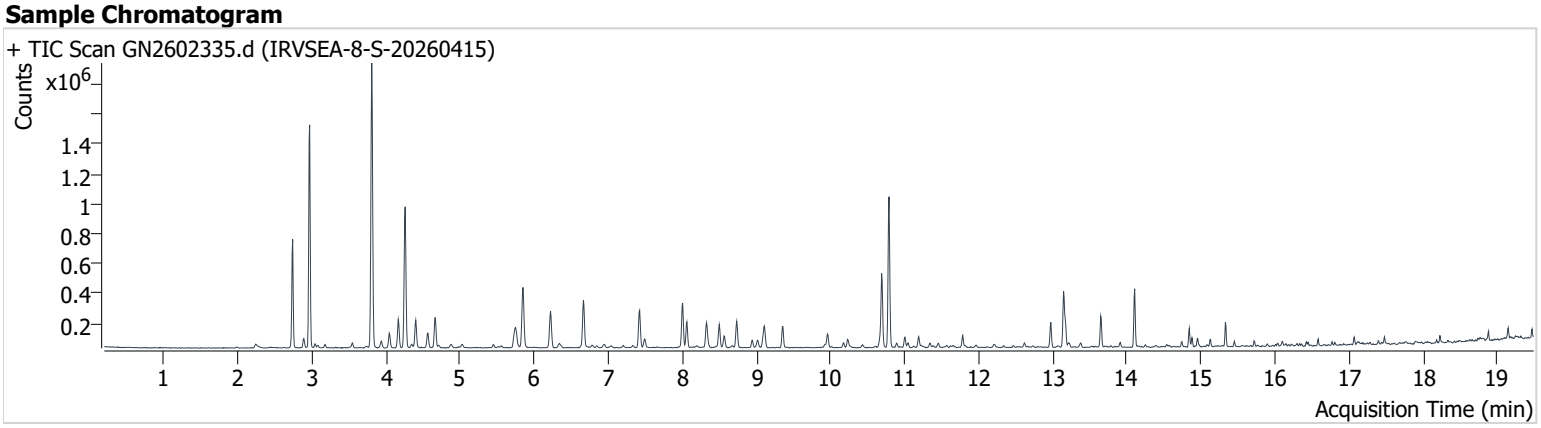
o-Xylene


+ EIC (91.1) Scan GN2602333.d
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.613-13.721 min, 15 scans) GN2602333.d
Counts
x10^3
Lib Match Score=75.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
51.1
65.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

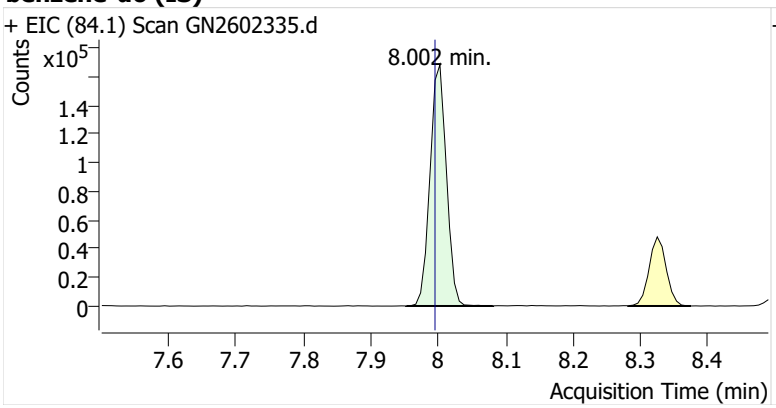
Name	IRVSEA-8-S-20260415
Comment	C43598
Data File	GN2602335.d
Acq. Date-Time	4/30/2026 8:09:35 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

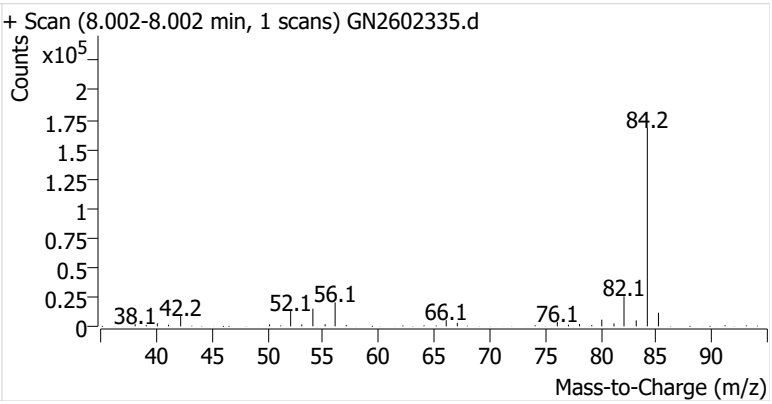
Sample Chromatogram



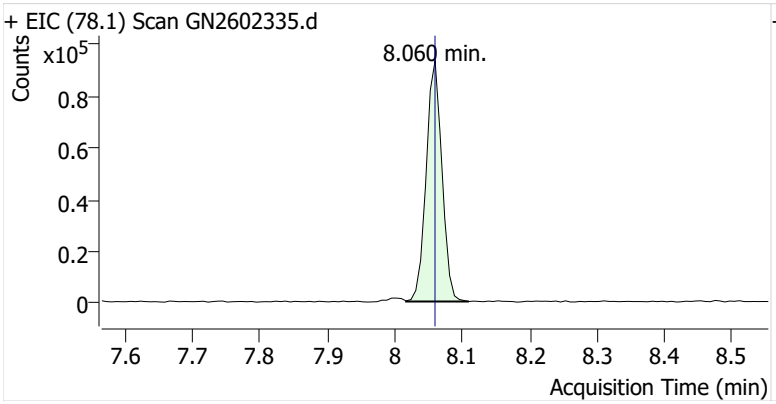
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	283,521	
Benzene	benzene-d6 (IS)	8.060	8.059	151,198	
Toluene-d8 (IS)		10.688	10.688	326,733	
Toluene	Toluene-d8 (IS)	10.789	10.789	694,401	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	112,387	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	286,789	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	113,420	

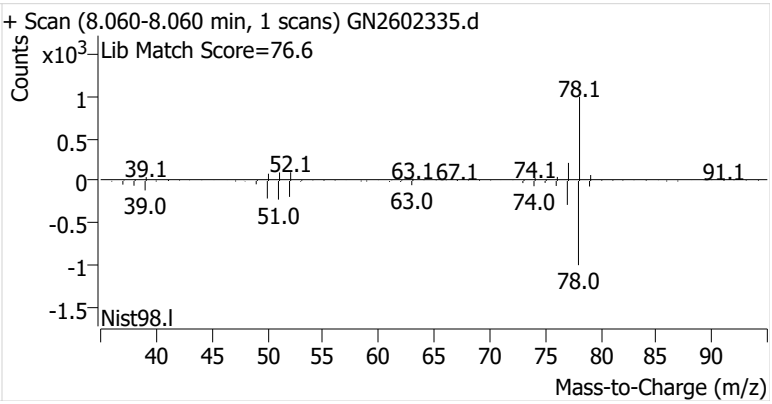
benzene-d6 (IS)



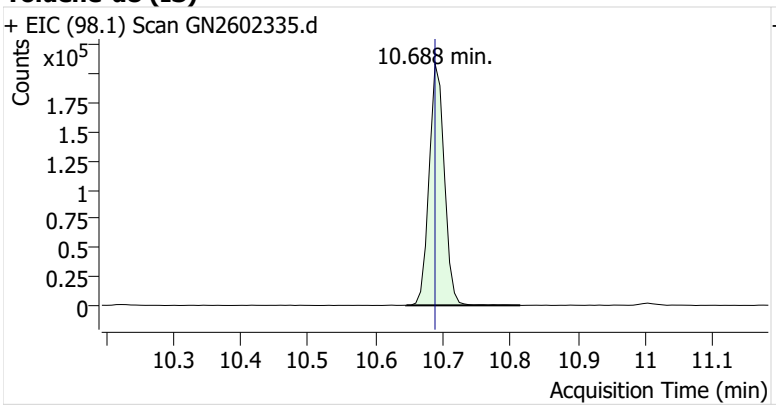


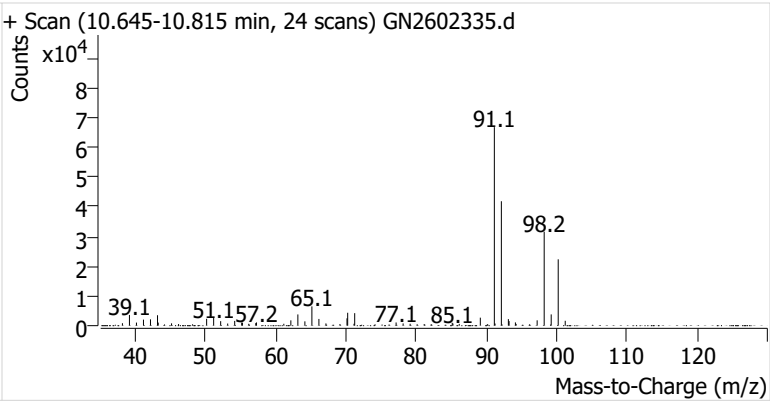
Benzene



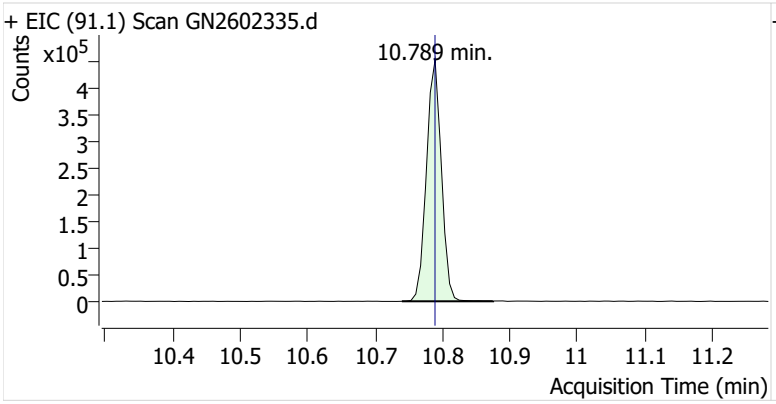


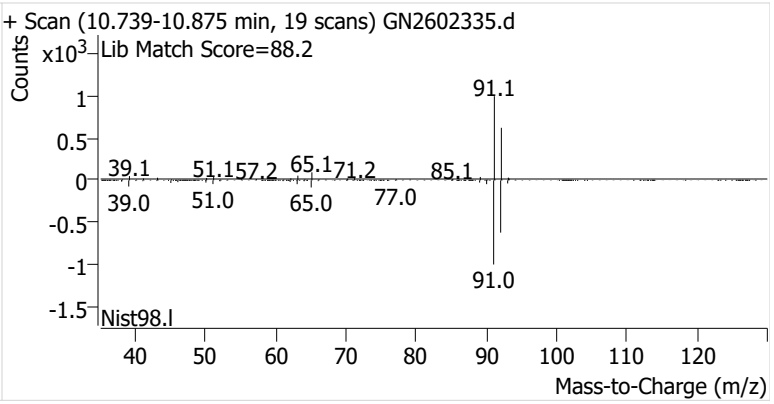
Toluene-d8 (IS)



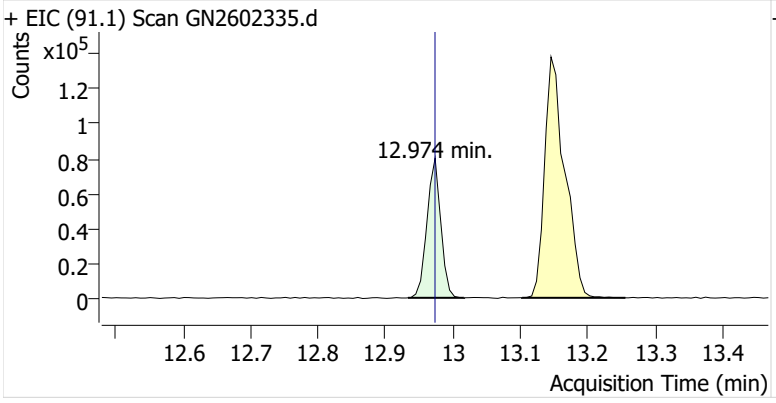


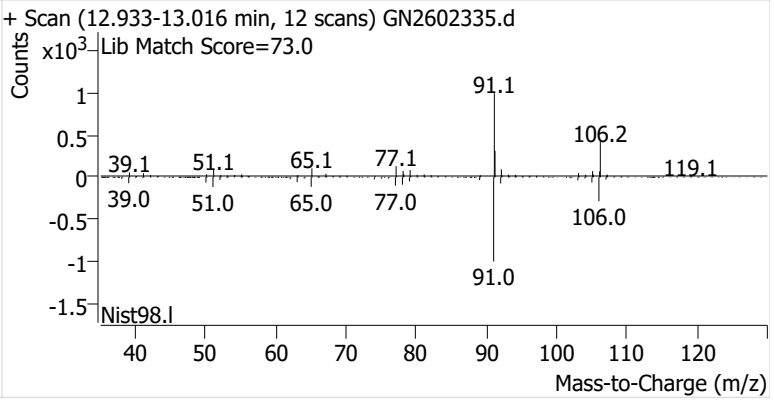
Toluene



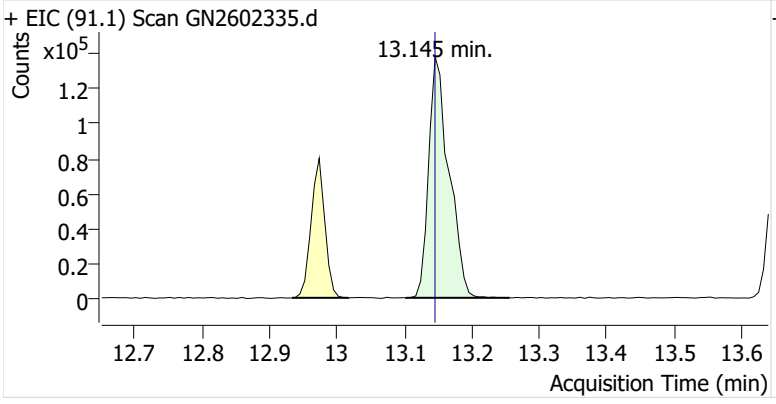


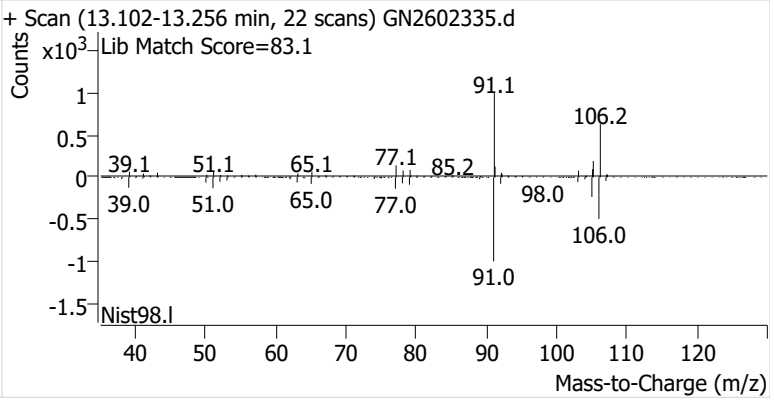
Ethylbenzene



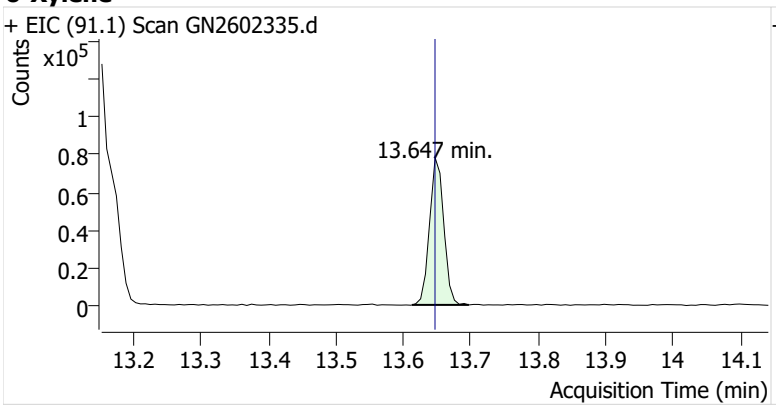


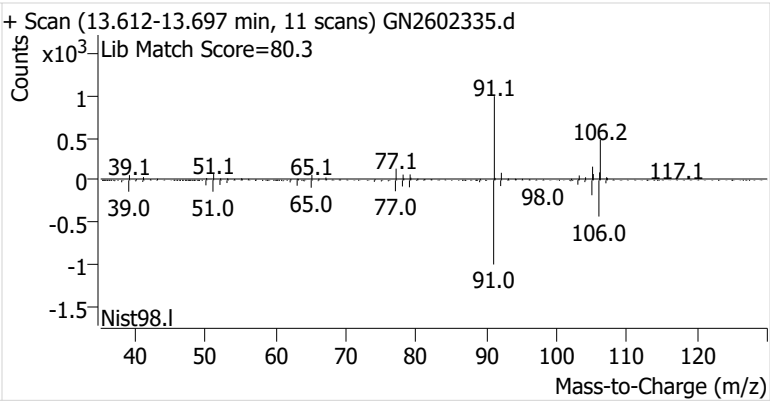
m-/p-Xylenes





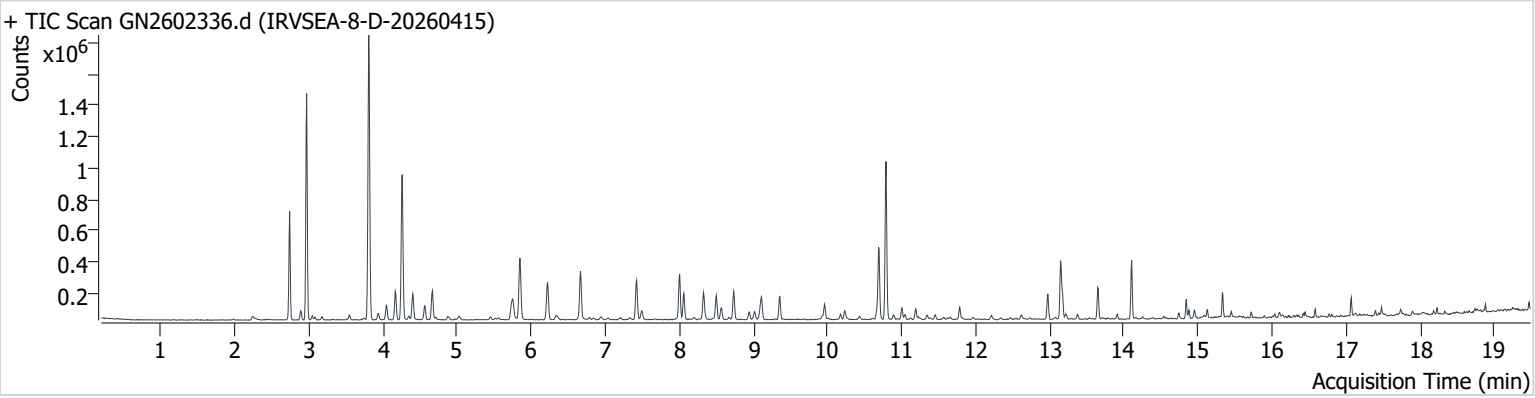
o-Xylene


+ EIC (91.1) Scan GN2602335.d
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.612-13.697 min, 11 scans) GN2602335.d
Lib Match Score=80.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
51.1
65.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

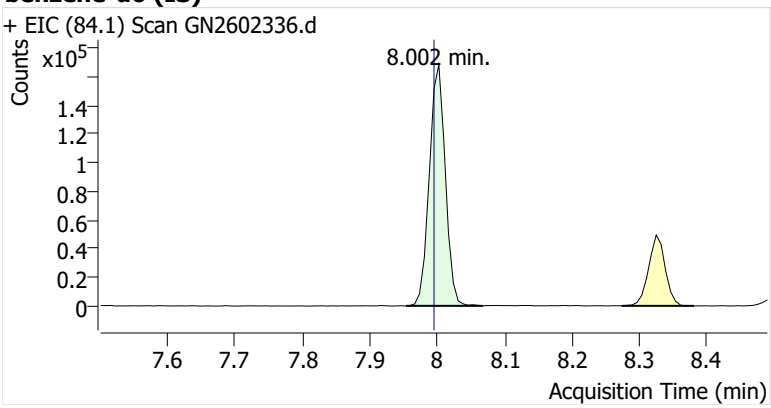
Name	IRVSEA-8-D-20260415
Comment	C33442
Data File	GN2602336.d
Acq. Date-Time	4/30/2026 8:34:54 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

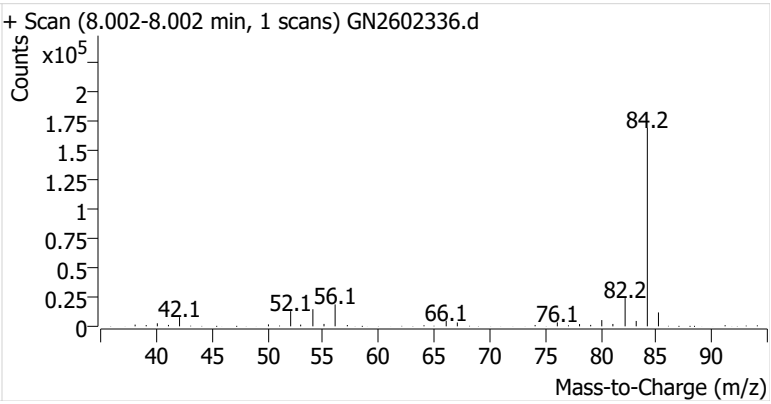
Sample Chromatogram



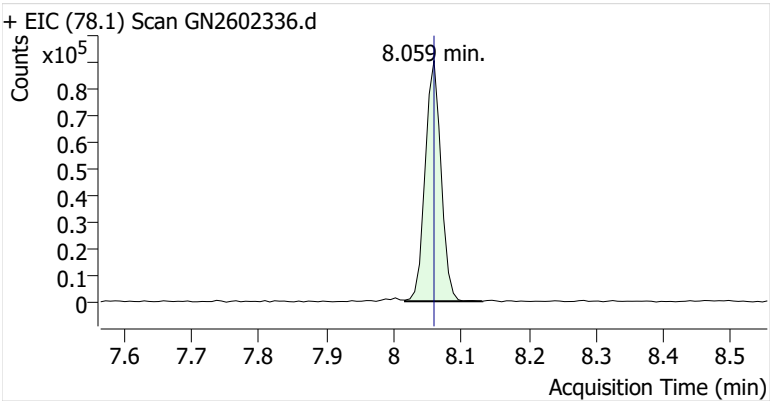
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	276,708	
Benzene	benzene-d6 (IS)	8.059	8.059	147,674	
Toluene-d8 (IS)		10.688	10.688	311,440	
Toluene	Toluene-d8 (IS)	10.789	10.789	680,900	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	111,561	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	286,999	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	115,280	

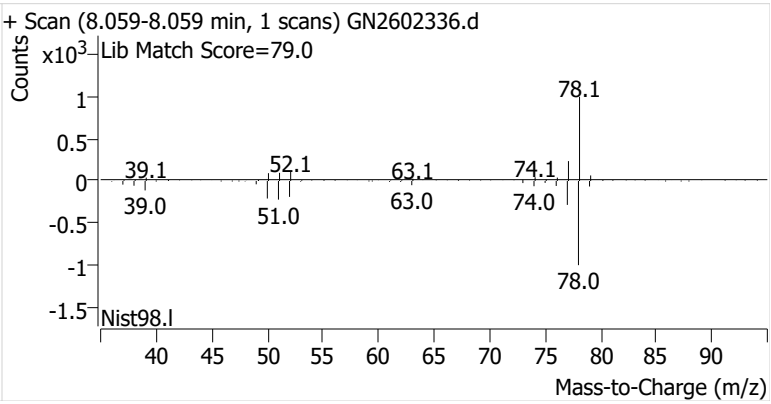
benzene-d6 (IS)



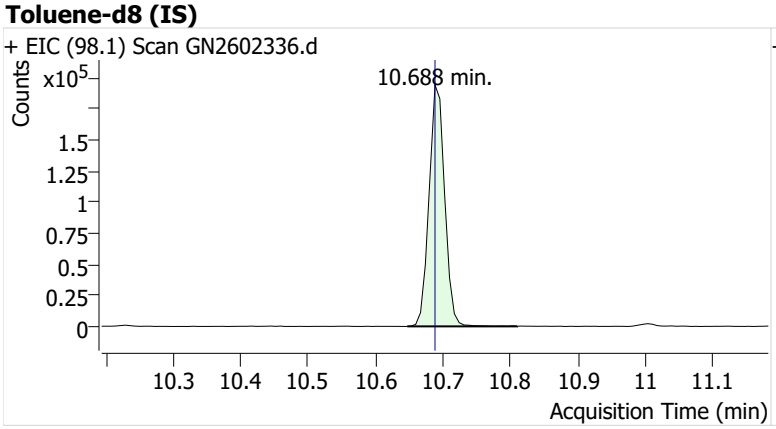


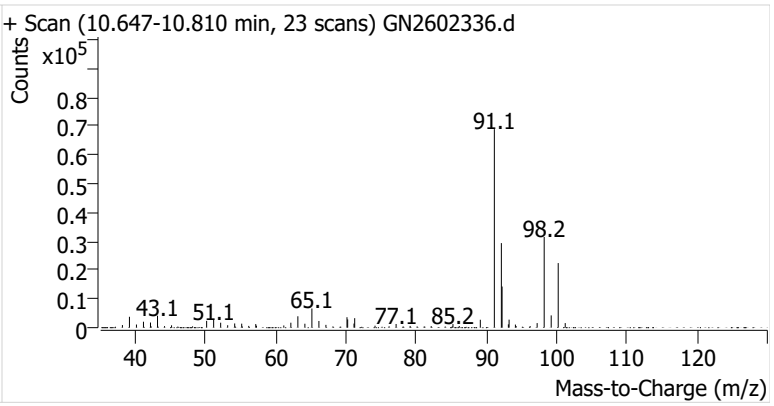
Benzene



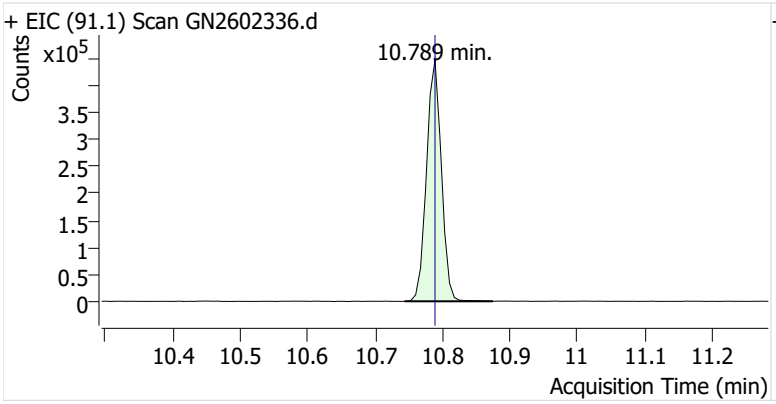


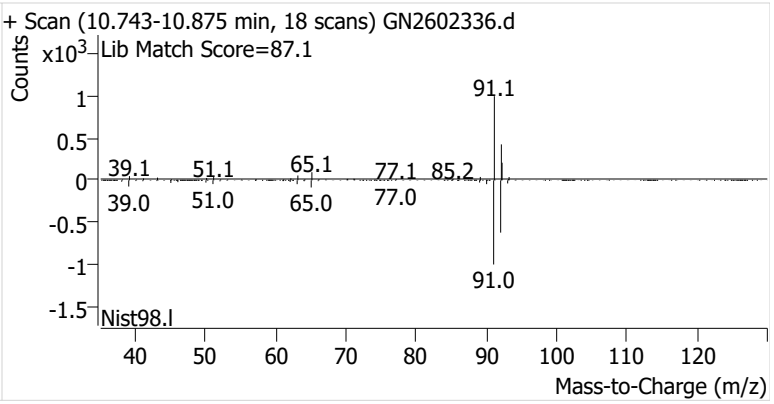
Toluene-d8 (IS)



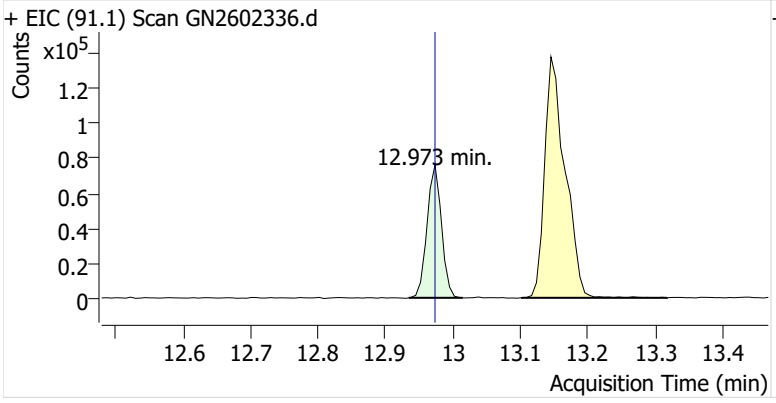


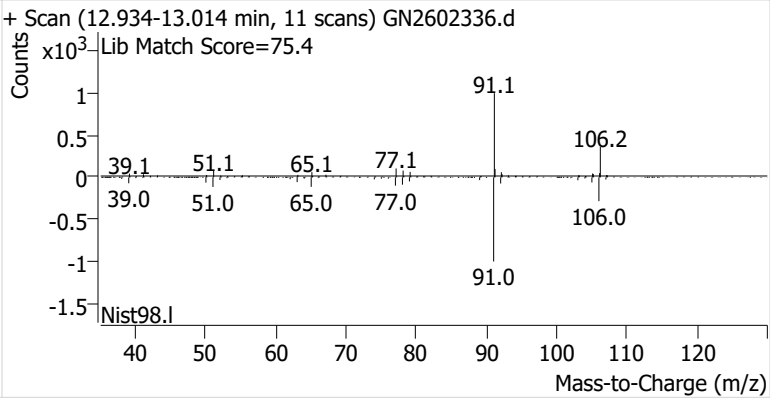
Toluene



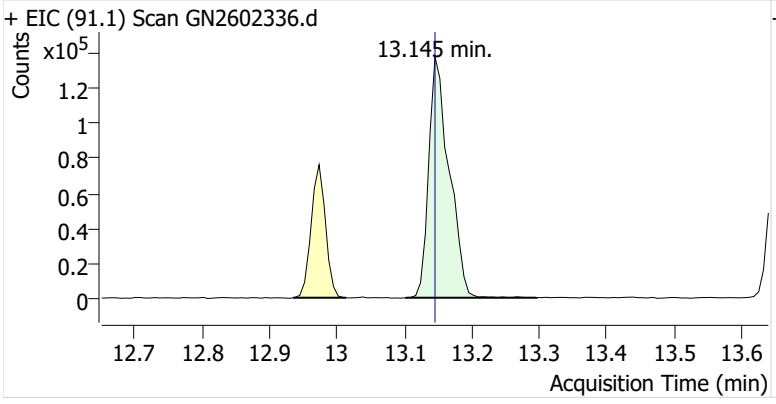


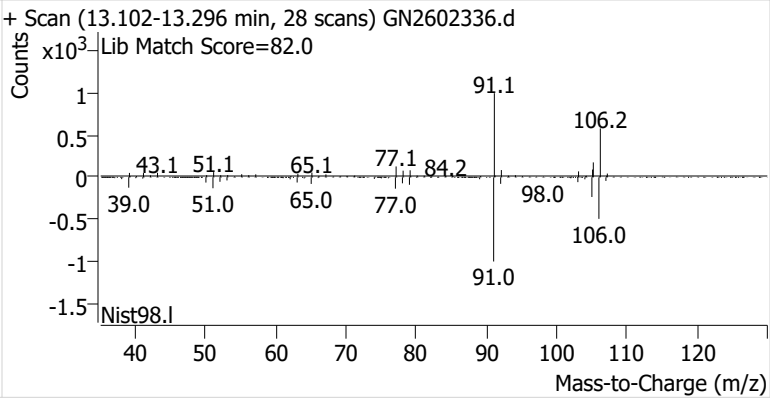
Ethylbenzene



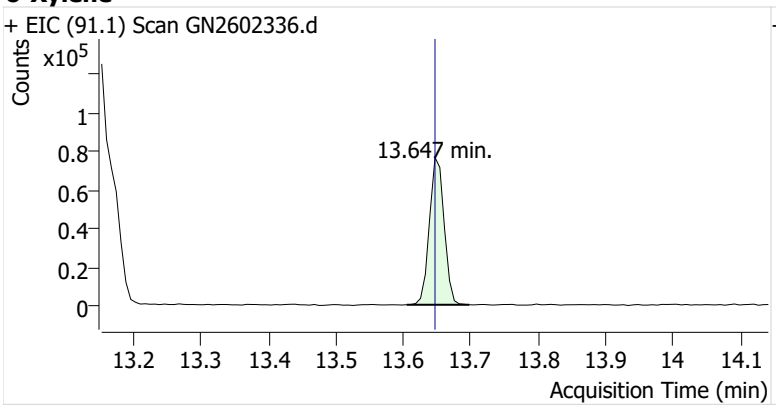


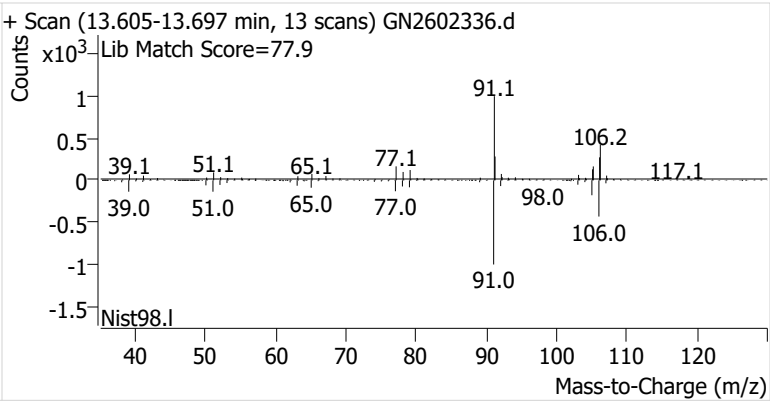
m-/p-Xylenes





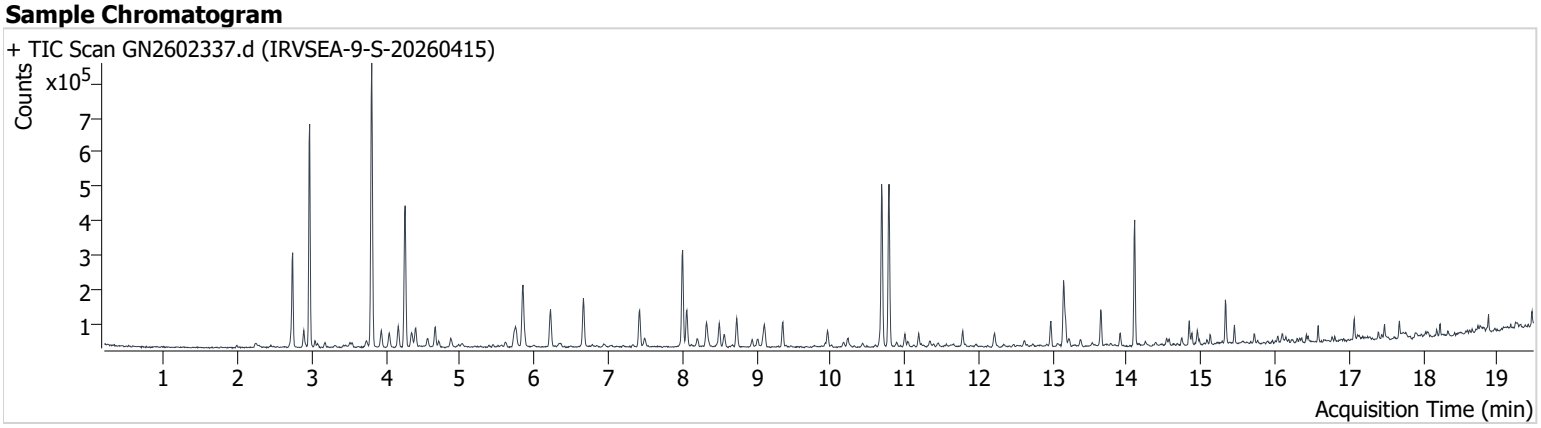
o-Xylene


+ EIC (91.1) Scan GN2602336.d
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.605-13.697 min, 13 scans) GN2602336.d
Lib Match Score=77.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
51.1
65.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

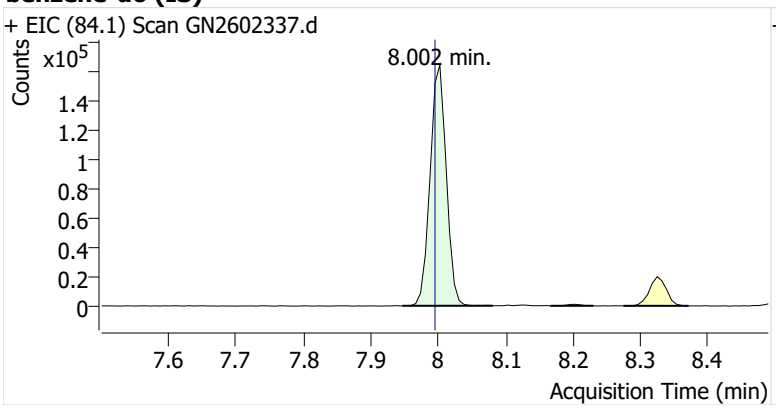
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Comment	C71526
Data File	GN2602337.d
Acq. Date-Time	4/30/2026 9:00:07 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

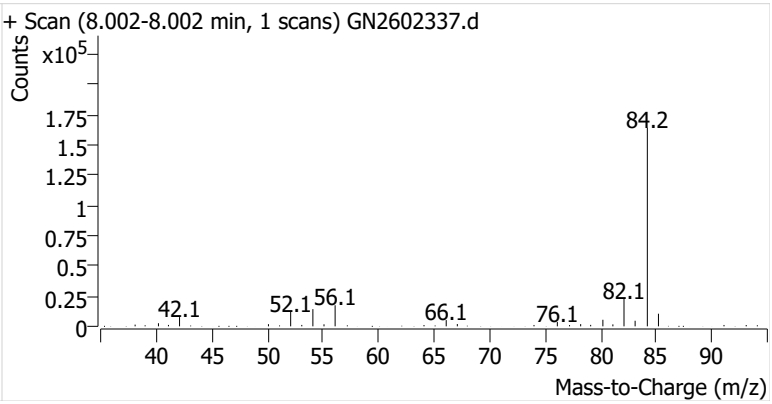
Sample Chromatogram



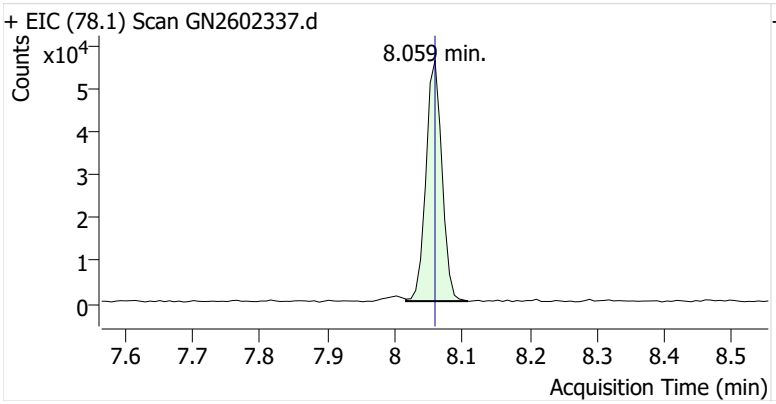
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	271,916	
Benzene	benzene-d6 (IS)	8.059	8.059	92,101	
Toluene-d8 (IS)		10.688	10.688	308,071	
Toluene	Toluene-d8 (IS)	10.789	10.789	323,379	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	50,722	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	144,474	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	57,390	

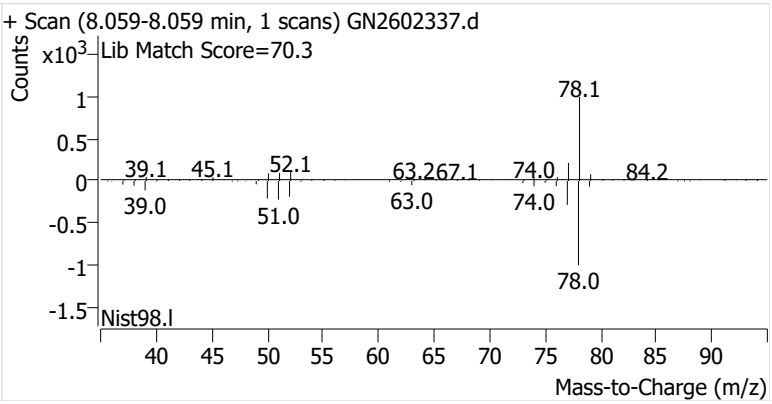
benzene-d6 (IS)



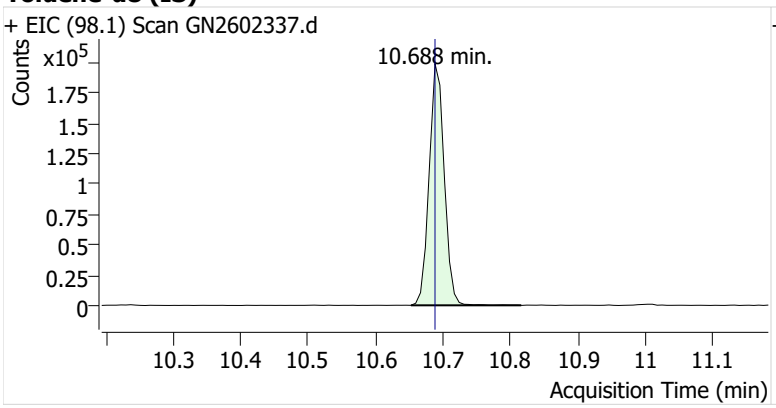


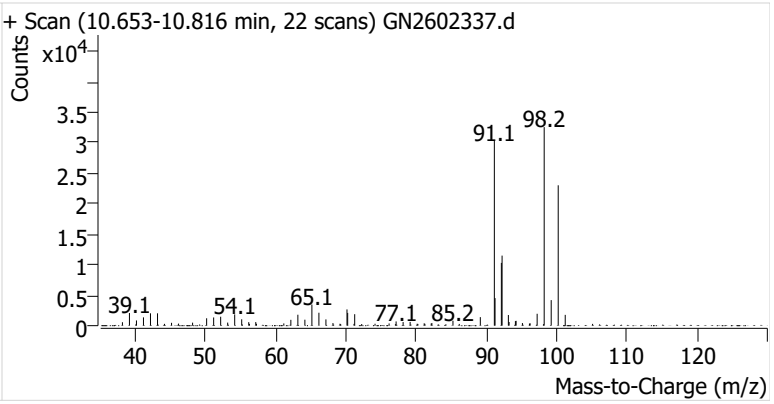
Benzene



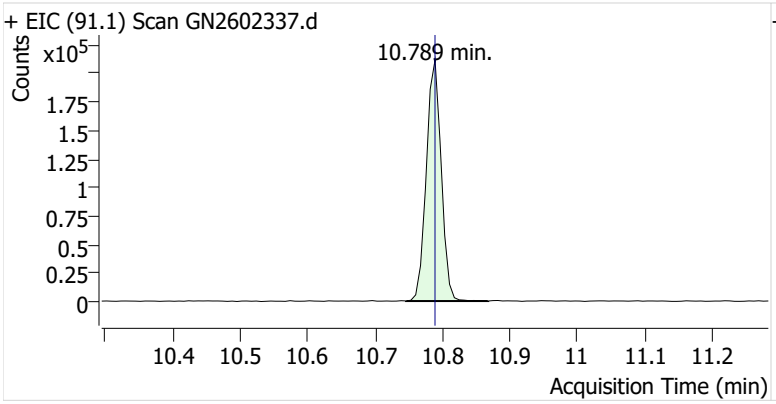


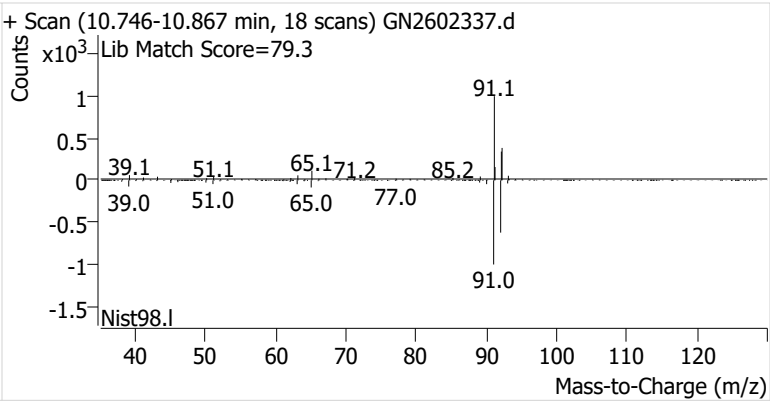
Toluene-d8 (IS)



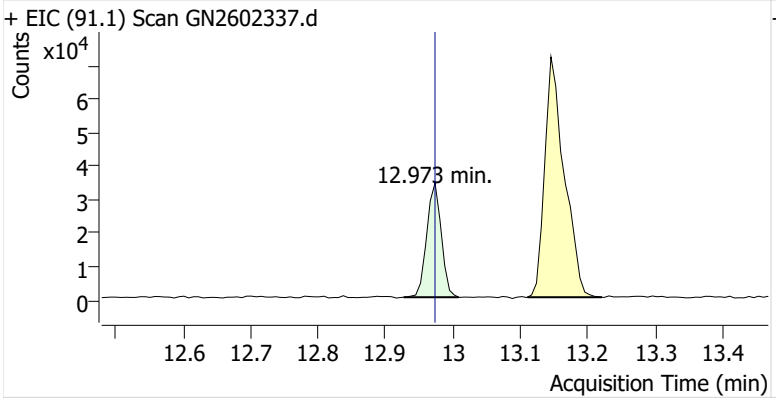


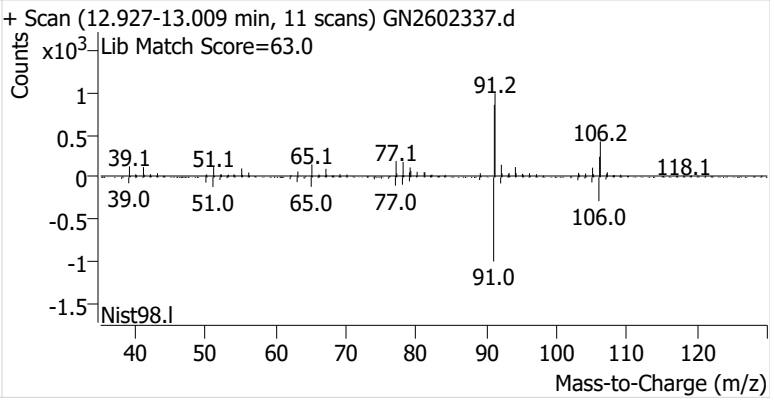
Toluene



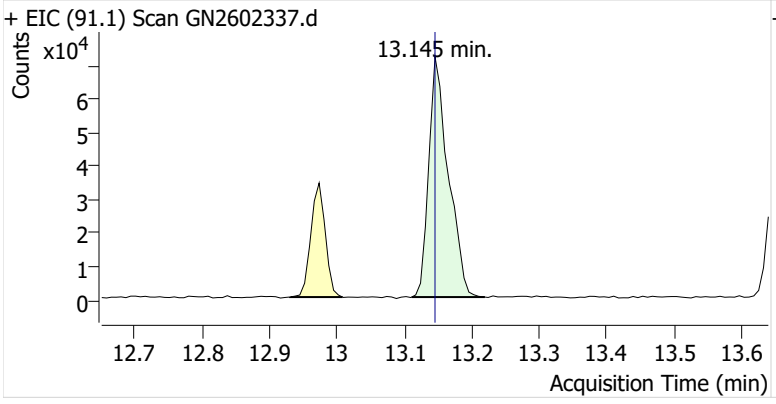


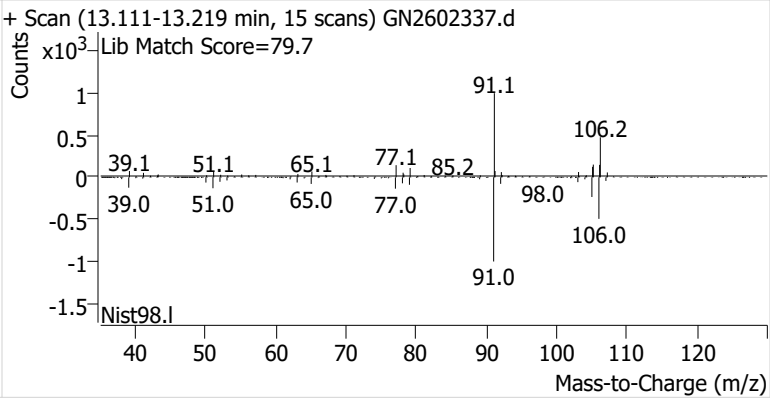
Ethylbenzene



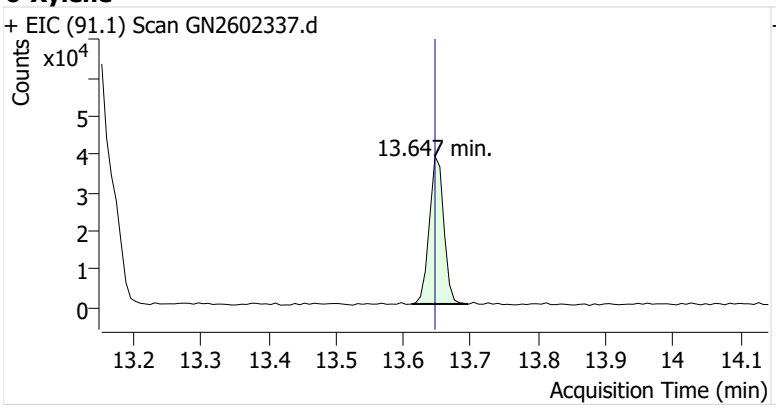


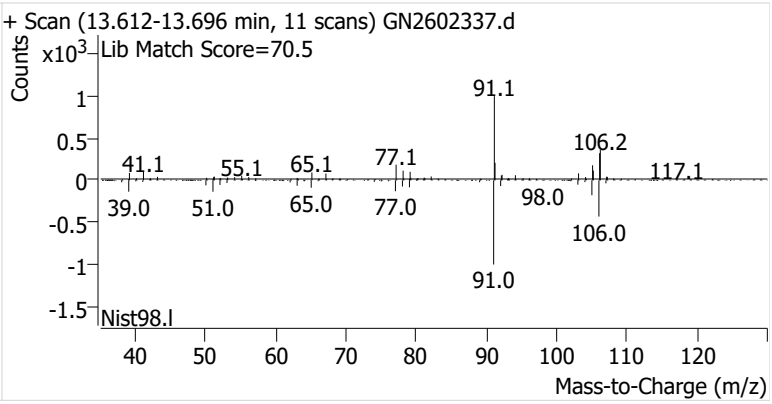
m-/p-Xylenes





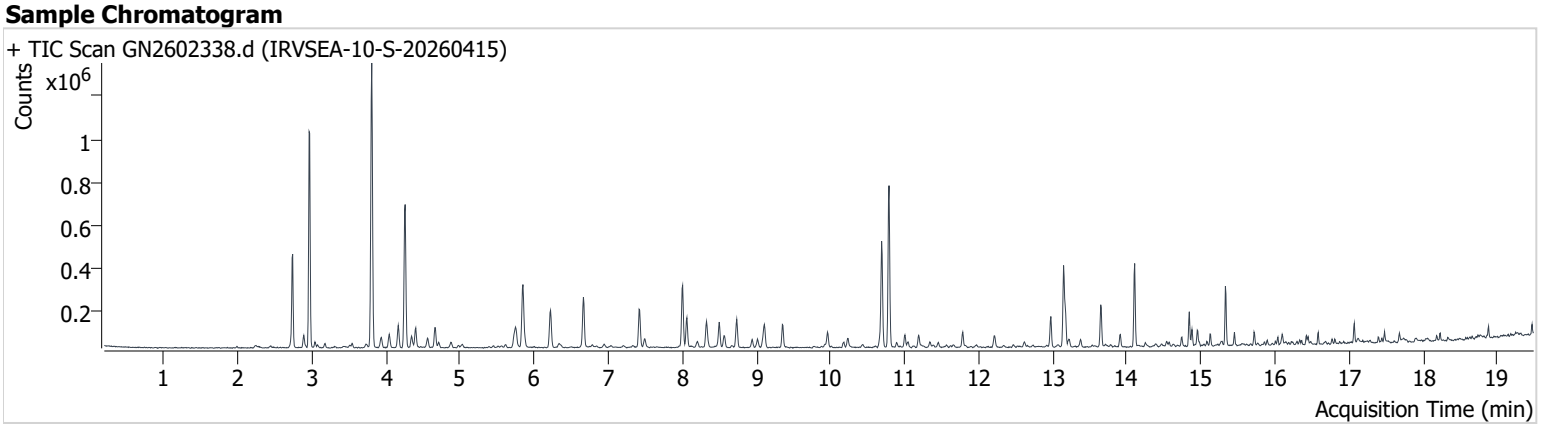
o-Xylene


+ EIC (91.1) Scan GN2602337.d
Counts
x10^4
13.647 min.
Acquisition Time (min)


+ Scan (13.612-13.696 min, 11 scans) GN2602337.d
Lib Match Score=70.5
Counts
x10^3
91.1
106.2
41.1
55.1
65.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

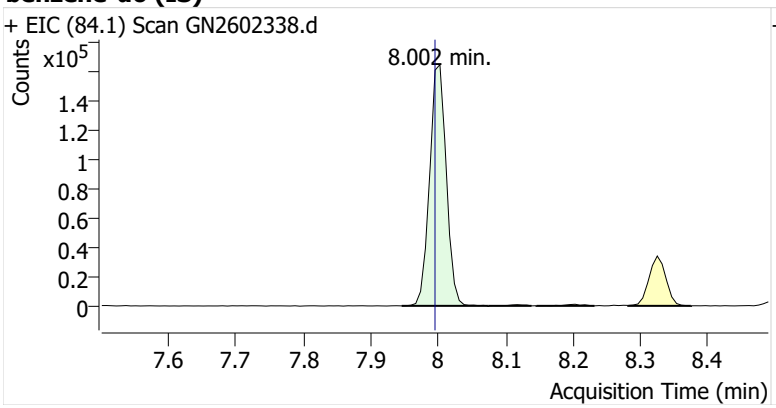
Name	IRVSEA-10-S-20260415
Comment	C69740
Data File	GN2602338.d
Acq. Date-Time	4/30/2026 9:25:20 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

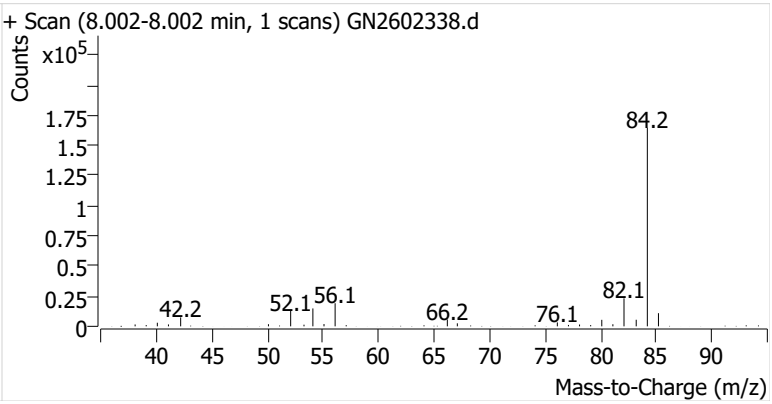
Sample Chromatogram



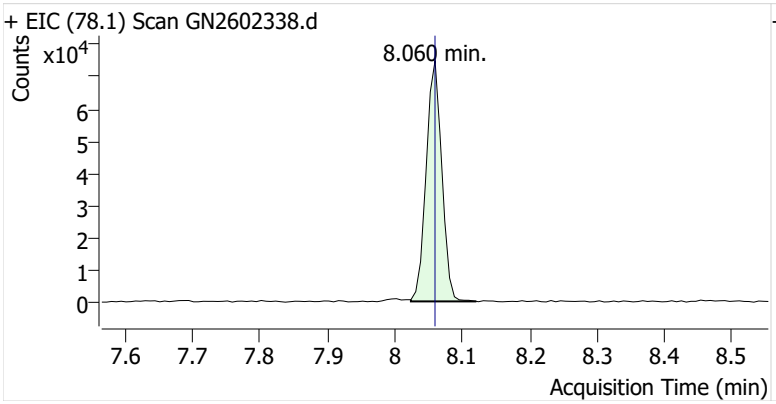
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	281,485	
Benzene	benzene-d6 (IS)	8.060	8.059	119,463	
Toluene-d8 (IS)		10.688	10.688	320,796	
Toluene	Toluene-d8 (IS)	10.789	10.789	524,172	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	97,999	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	278,620	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	110,008	

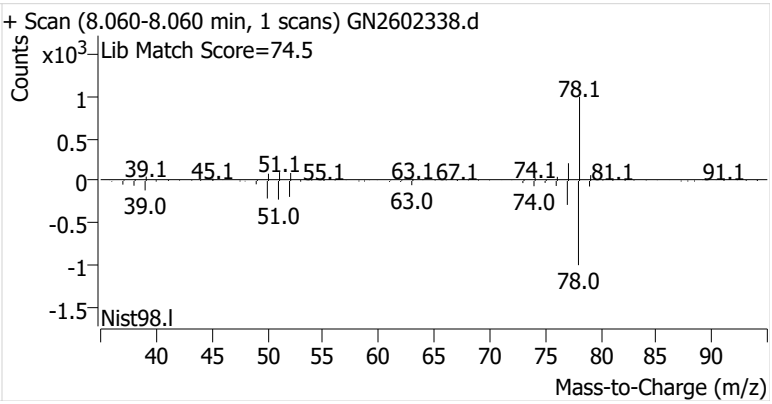
benzene-d6 (IS)



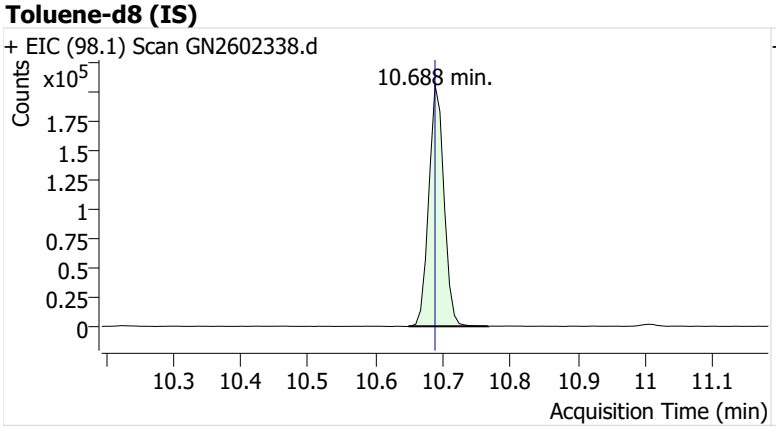


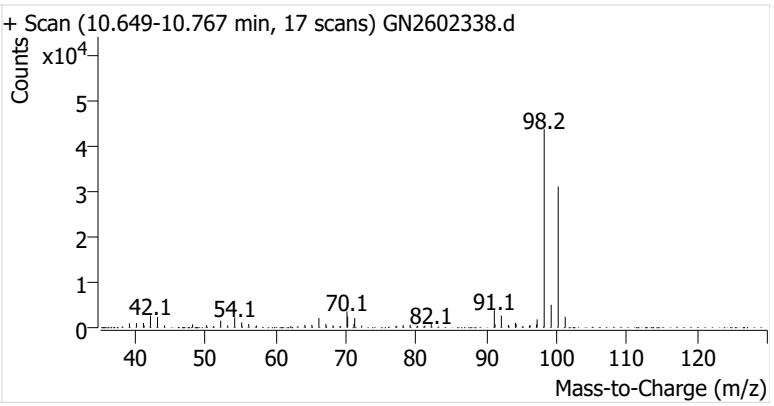
Benzene



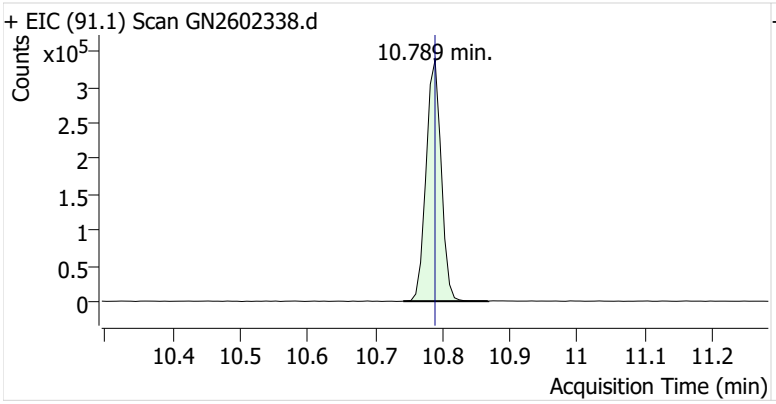


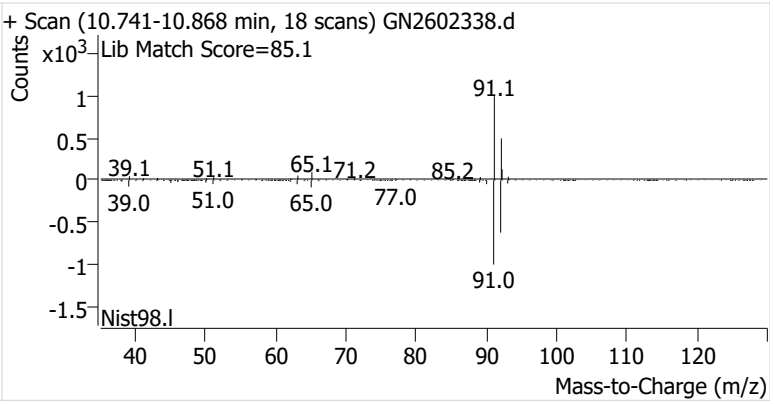
Toluene-d8 (IS)



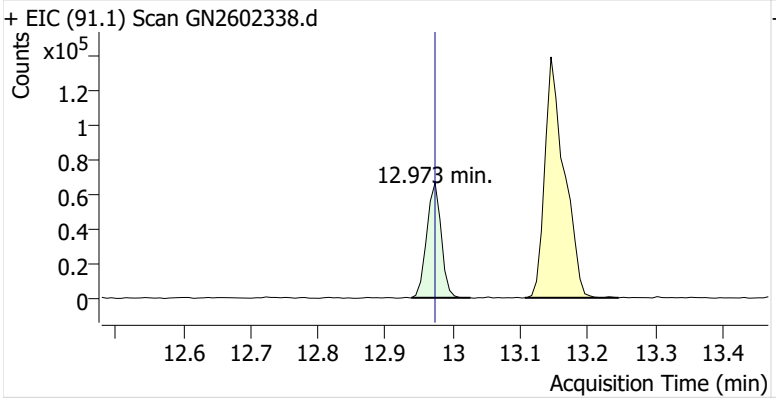


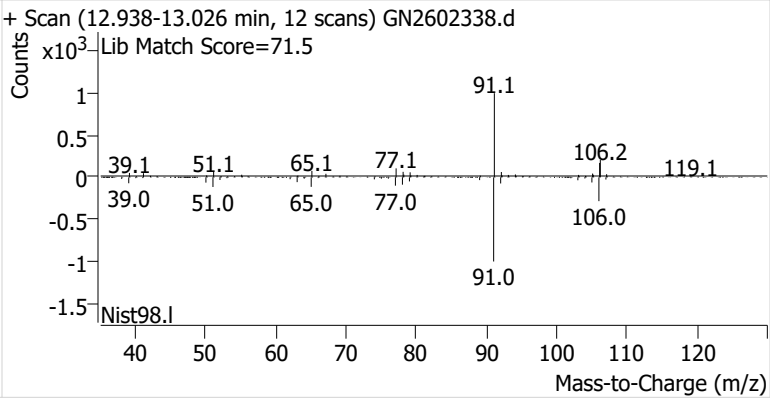
Toluene



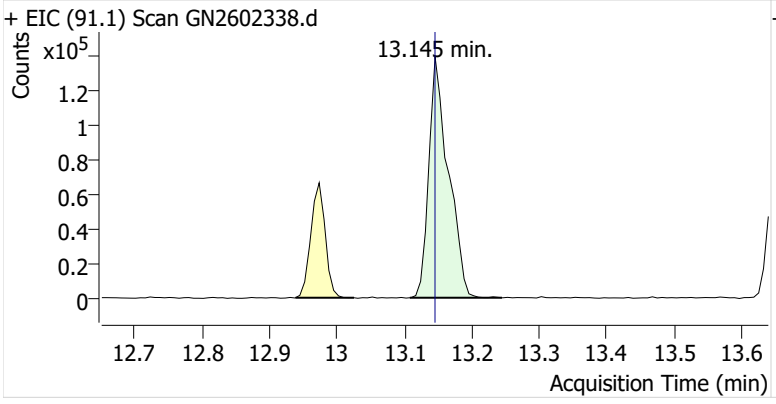


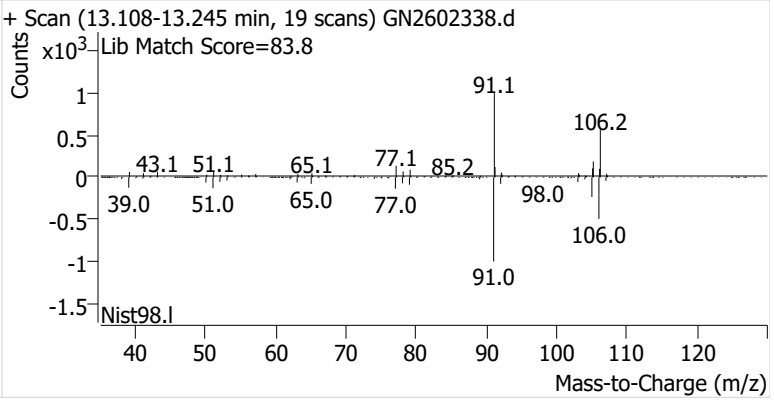
Ethylbenzene



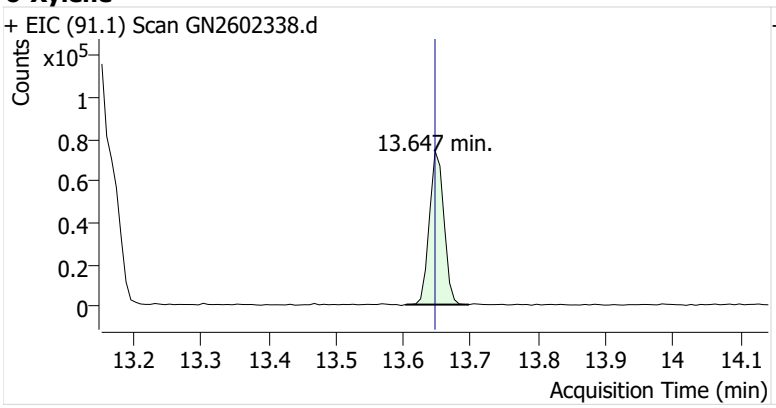


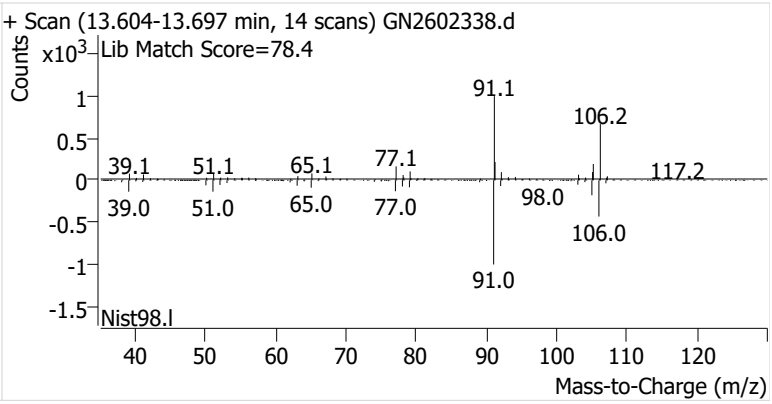
m-/p-Xylenes





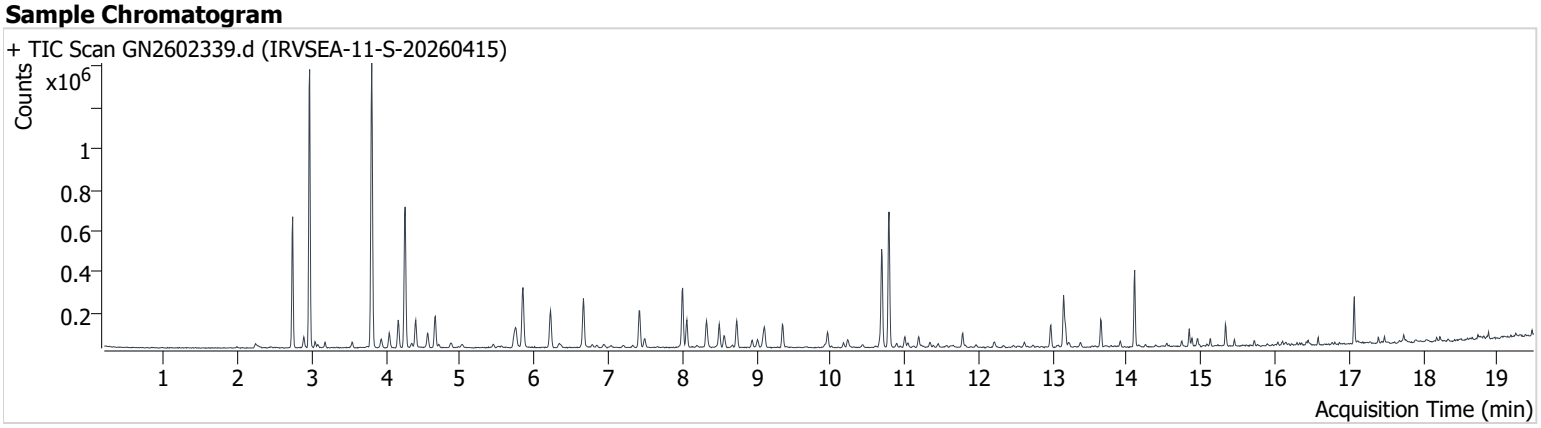
o-Xylene


+ EIC (91.1) Scan GN2602338.d
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.604-13.697 min, 14 scans) GN2602338.d
Lib Match Score=78.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
51.1
65.1
77.1
117.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

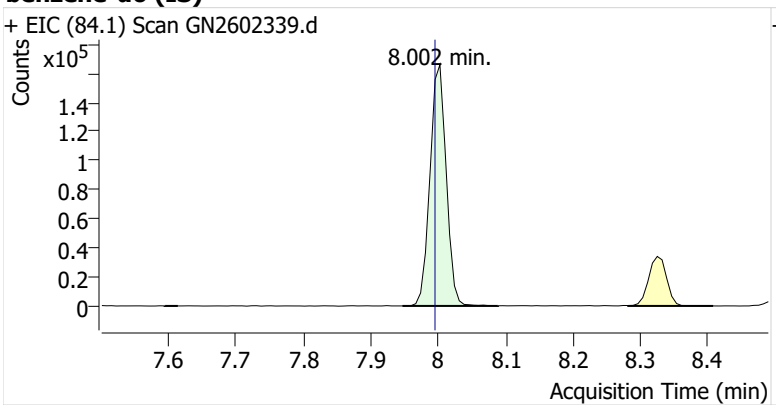
Name	IRVSEA-11-S-20260415
Comment	C20574
Data File	GN2602339.d
Acq. Date-Time	4/30/2026 9:50:27 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

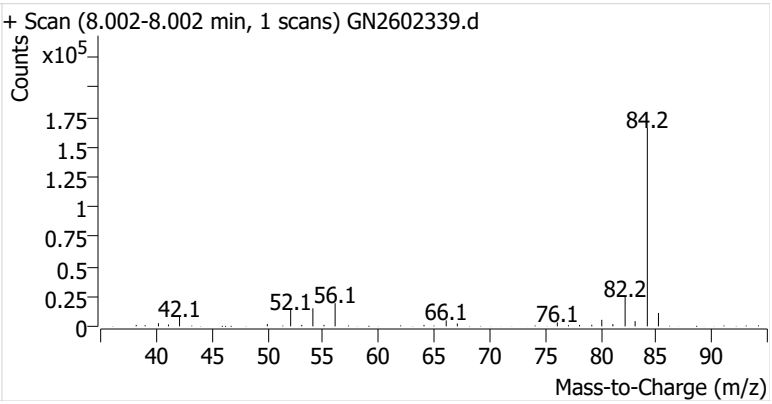
Sample Chromatogram



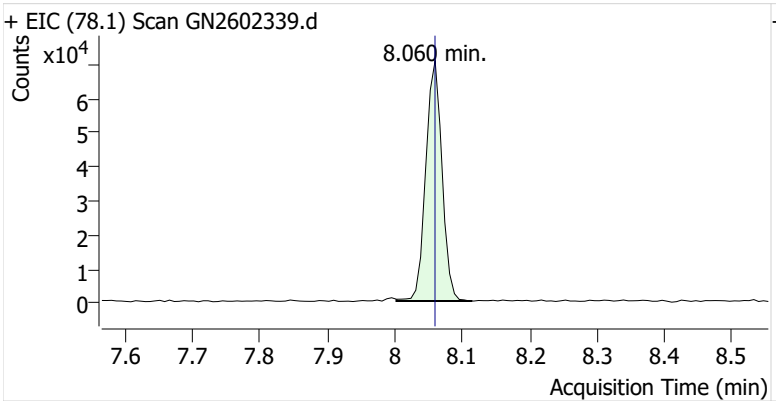
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	276,858	
Benzene	benzene-d6 (IS)	8.060	8.059	117,750	
Toluene-d8 (IS)		10.688	10.688	320,671	
Toluene	Toluene-d8 (IS)	10.789	10.789	468,968	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	77,318	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	184,682	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	73,760	

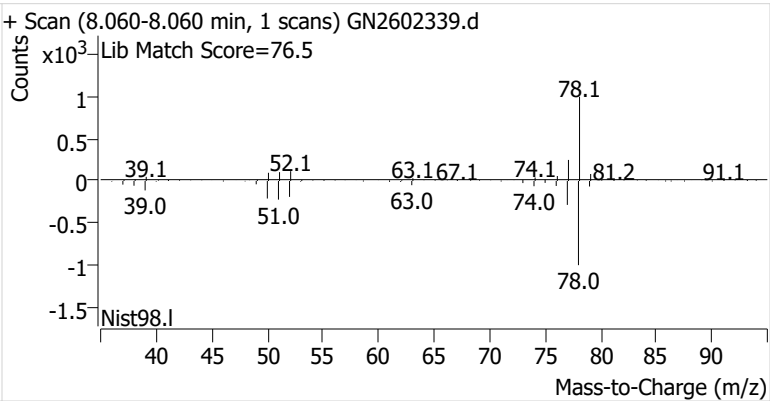
benzene-d6 (IS)



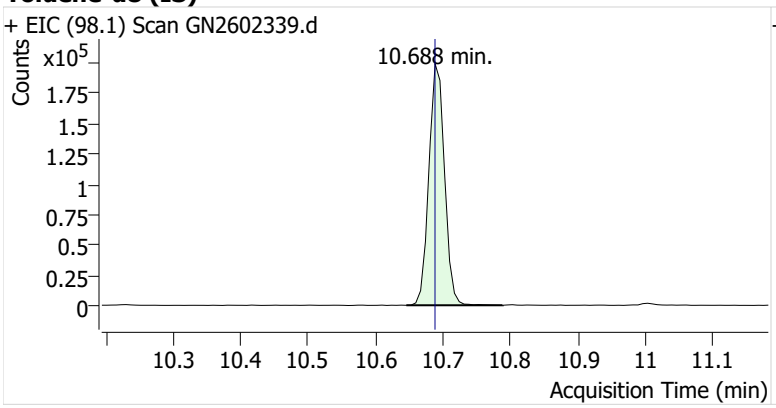


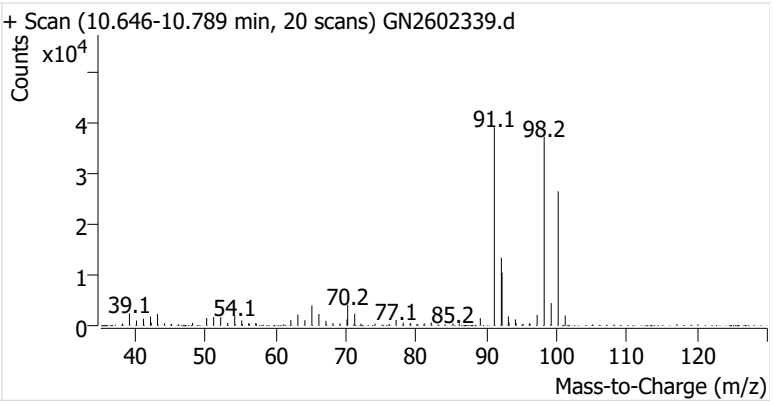
Benzene



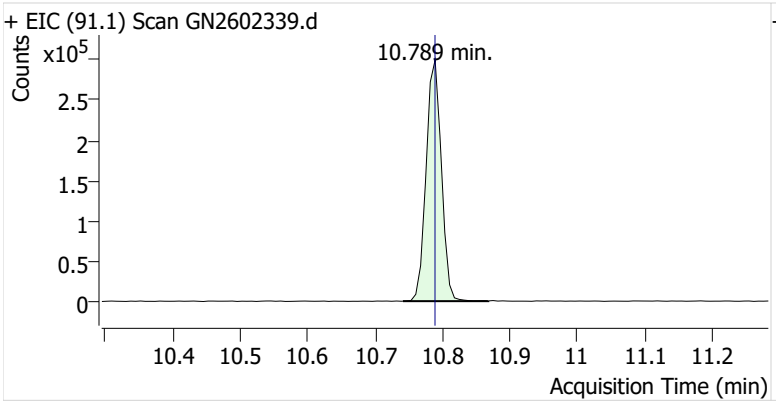


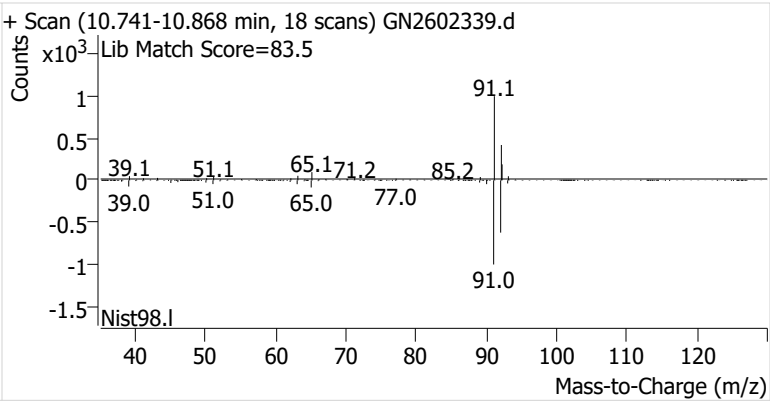
Toluene-d8 (IS)



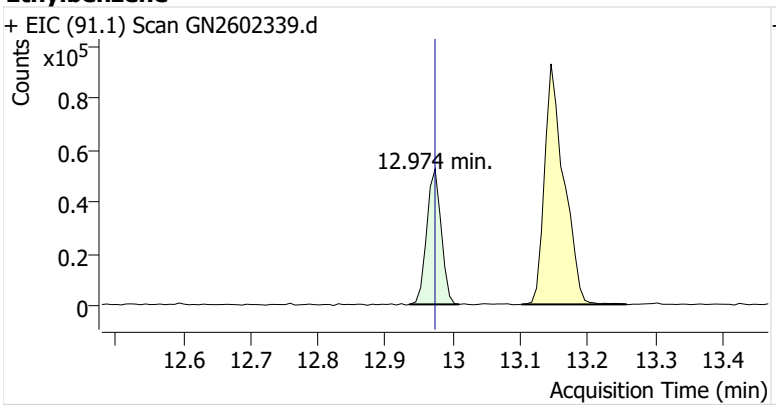


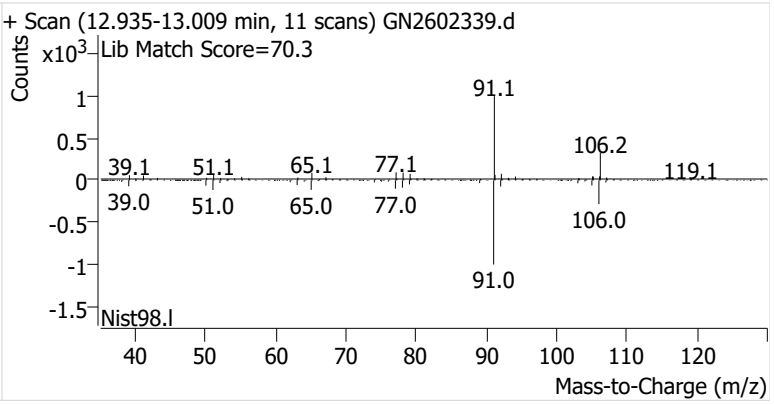
Toluene



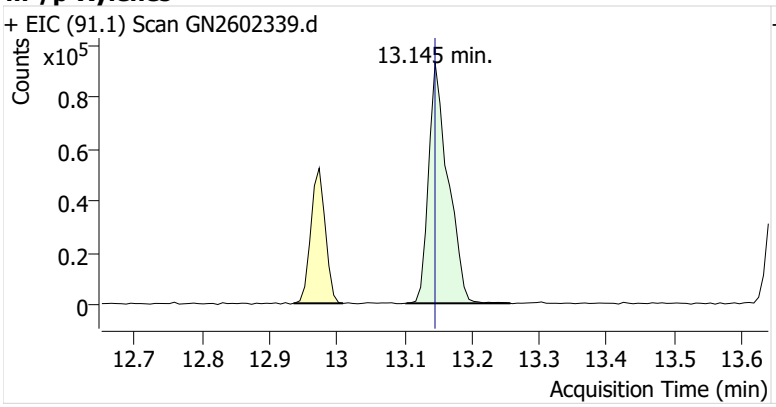


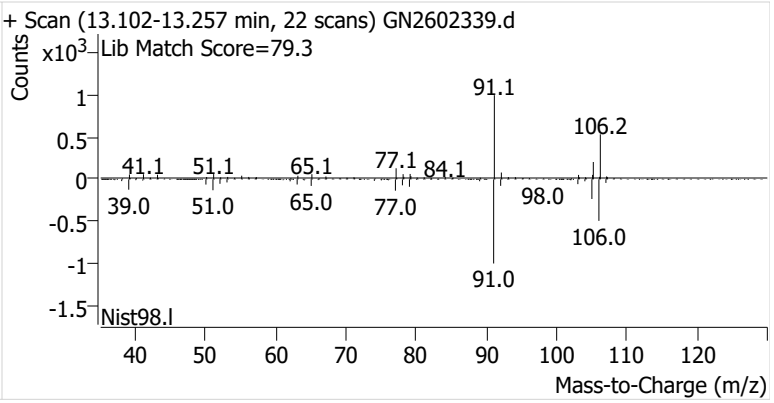
Ethylbenzene



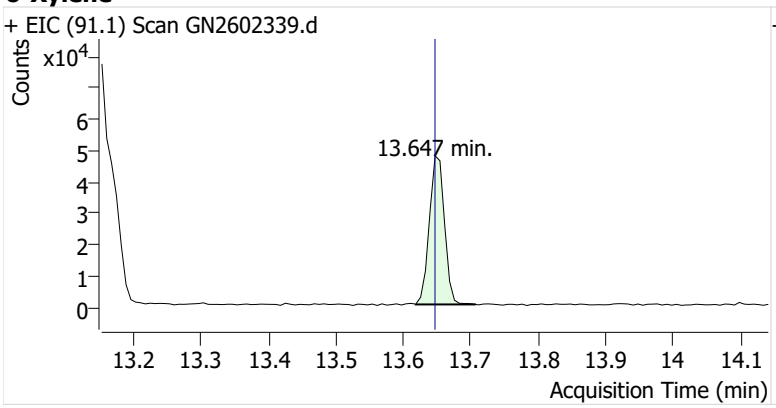


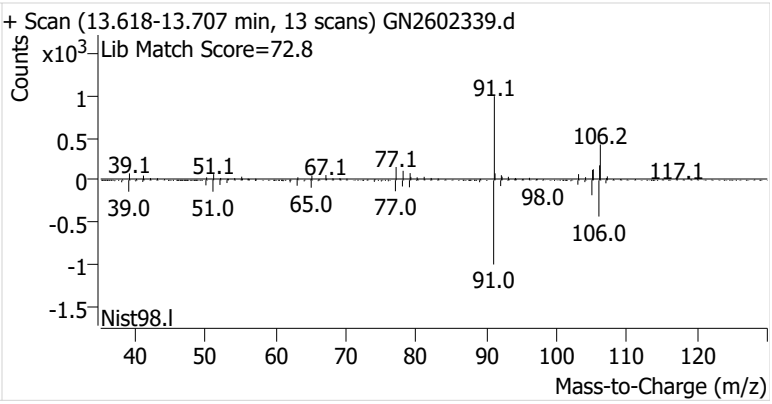
m-/p-Xylenes





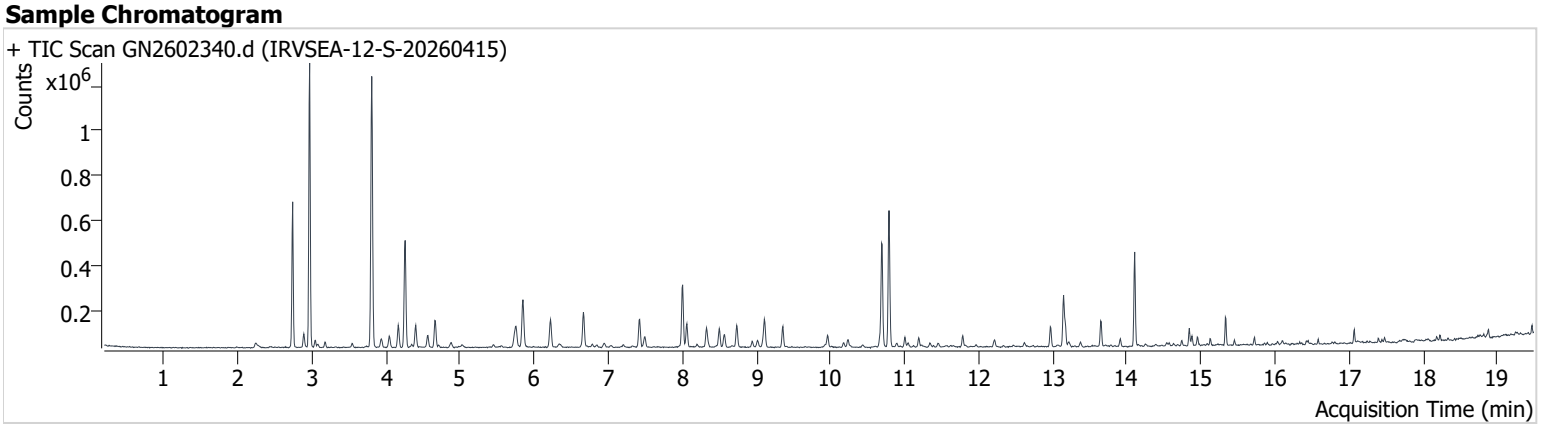
o-Xylene


+ EIC (91.1) Scan GN2602339.d
Counts
x10^4
13.647 min.
Acquisition Time (min)


+ Scan (13.618-13.707 min, 13 scans) GN2602339.d
Lib Match Score=72.8
Counts
x10^3
91.1
106.2
39.1
51.1
67.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

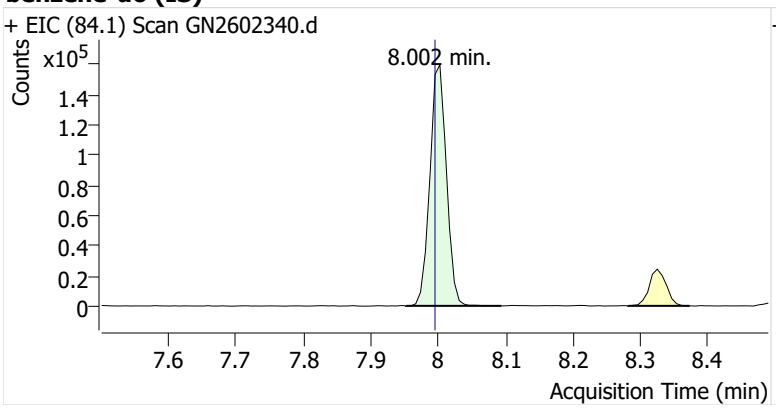
Name	IRVSEA-12-S-20260415
Comment	C43592
Data File	GN2602340.d
Acq. Date-Time	4/30/2026 10:15:42 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

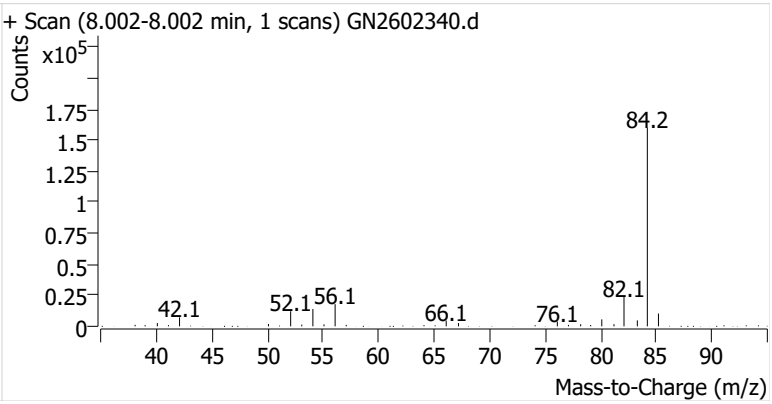
Sample Chromatogram



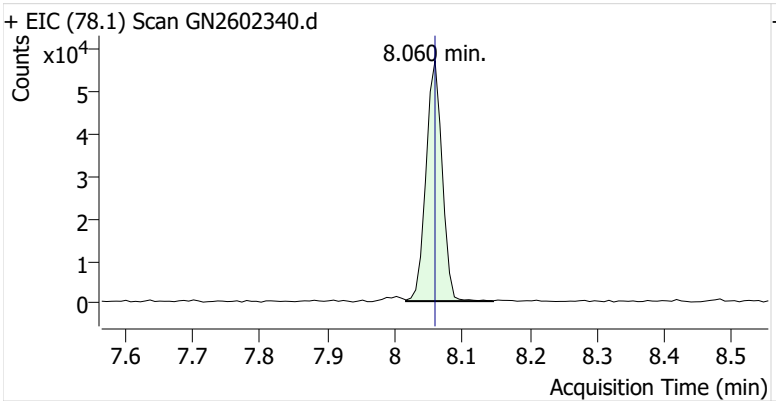
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	271,570	
Benzene	benzene-d6 (IS)	8.060	8.059	94,715	
Toluene-d8 (IS)		10.688	10.688	318,896	
Toluene	Toluene-d8 (IS)	10.789	10.789	414,211	
Ethylbenzene	Toluene-d8 (IS)	12.966	12.973	65,187	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	172,484	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	66,647	

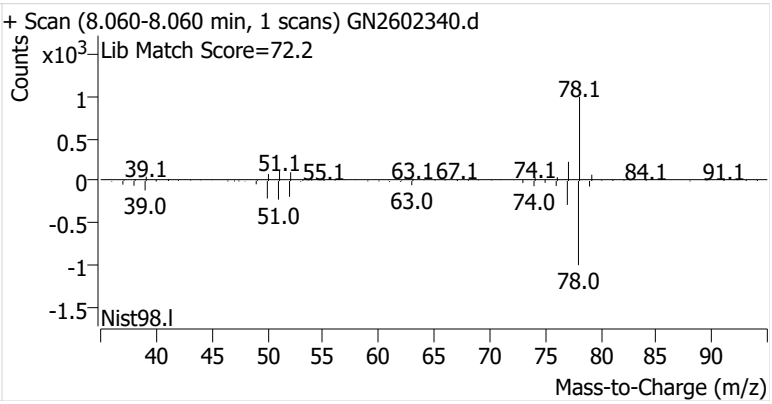
benzene-d6 (IS)



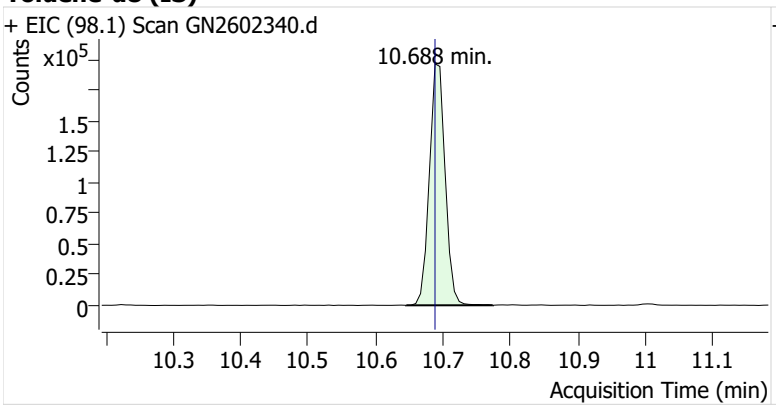


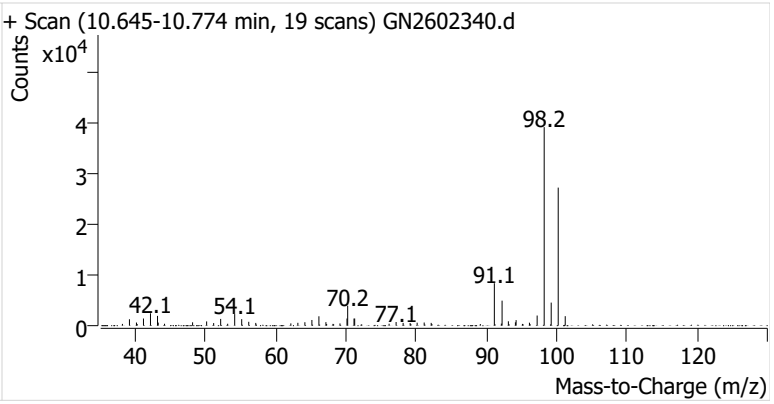
Benzene



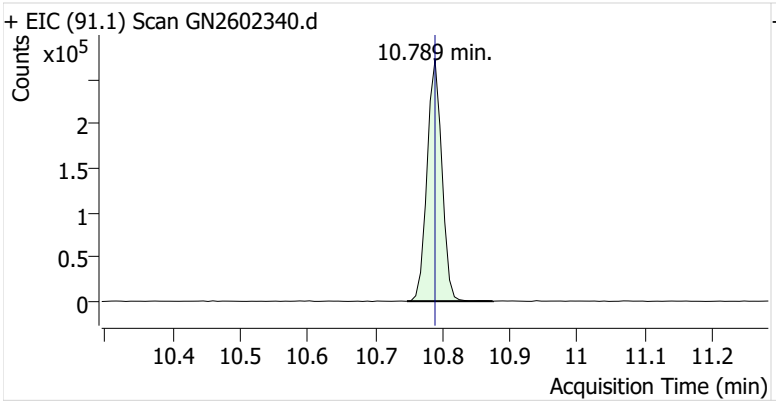


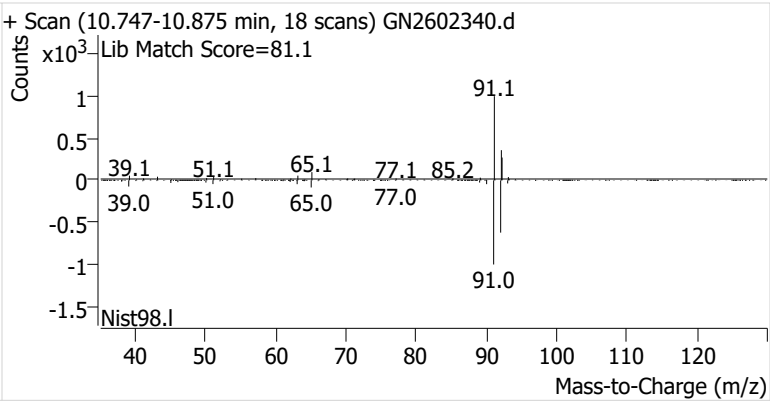
Toluene-d8 (IS)



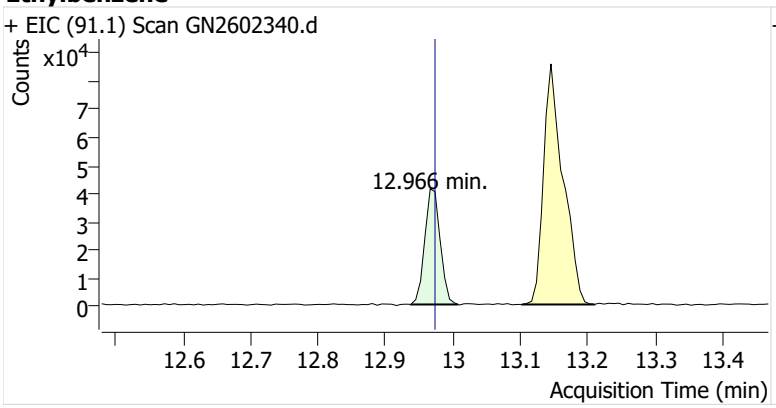


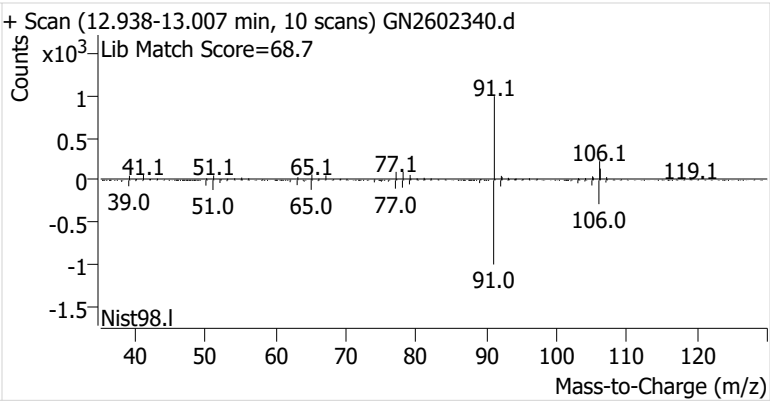
Toluene



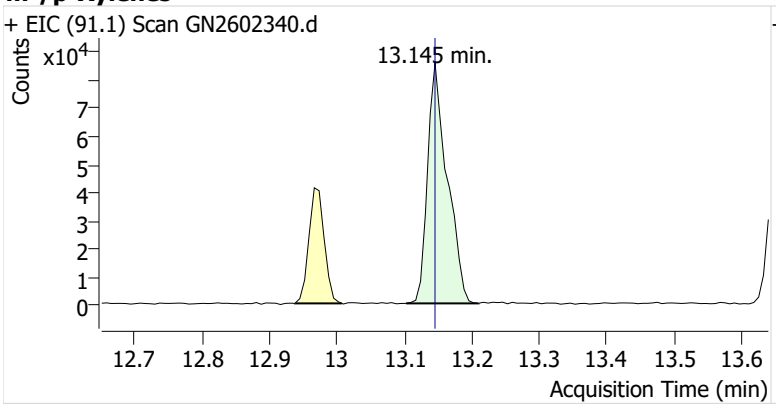


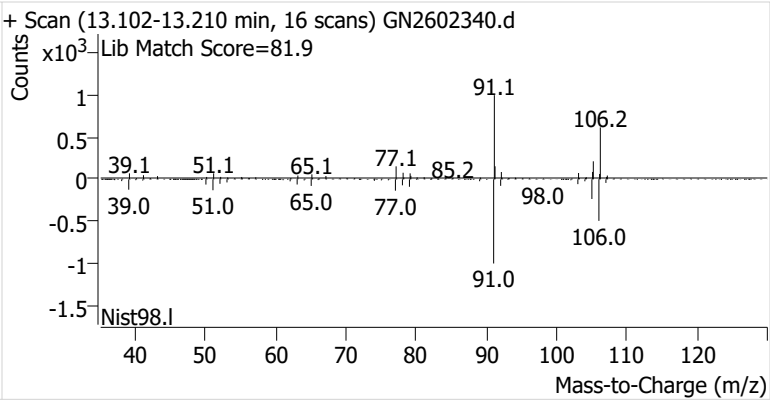
Ethylbenzene



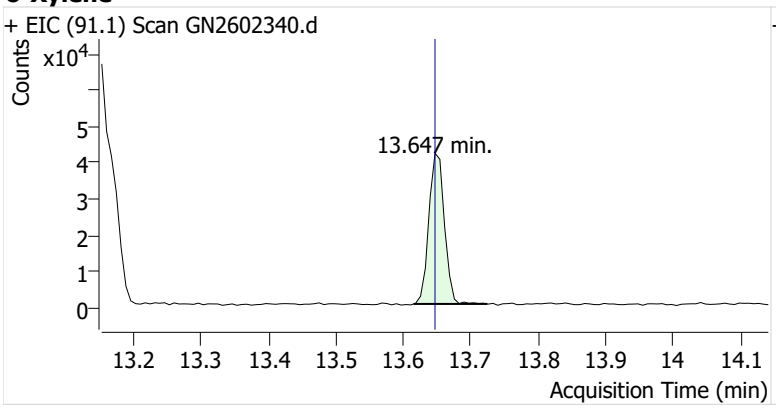


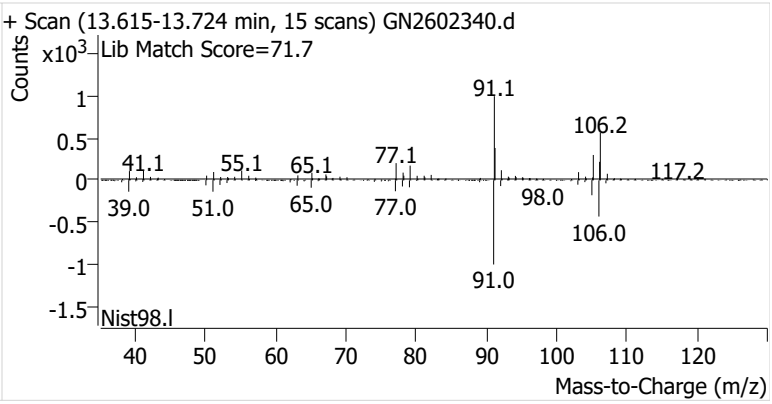
m-/p-Xylenes





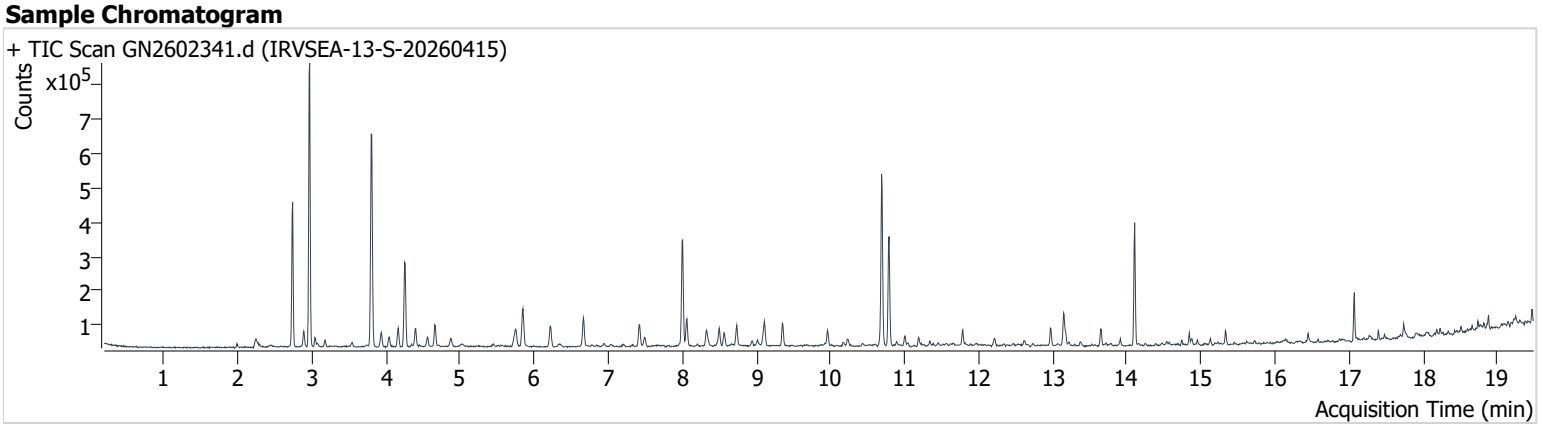
o-Xylene


+ EIC (91.1) Scan GN2602340.d
Counts
x10^4
13.647 min.
Acquisition Time (min)


+ Scan (13.615-13.724 min, 15 scans) GN2602340.d
Lib Match Score=71.7
Counts
x10^3
91.1
106.2
41.1
55.1
65.1
77.1
117.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

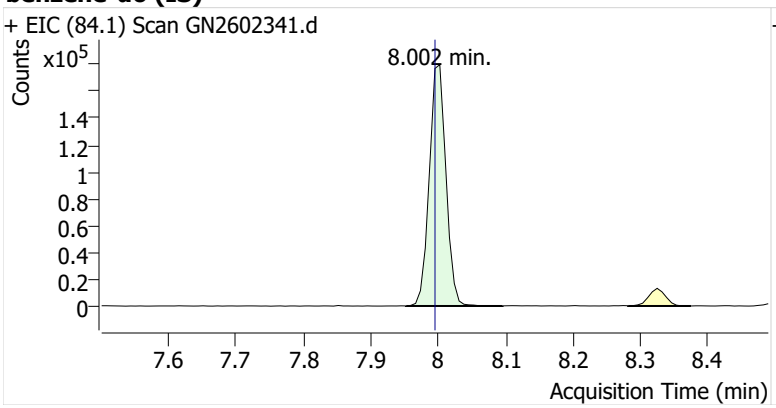
Name	IRVSEA-13-S-20260415
Comment	C02208
Data File	GN2602341.d
Acq. Date-Time	4/30/2026 10:41:46 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

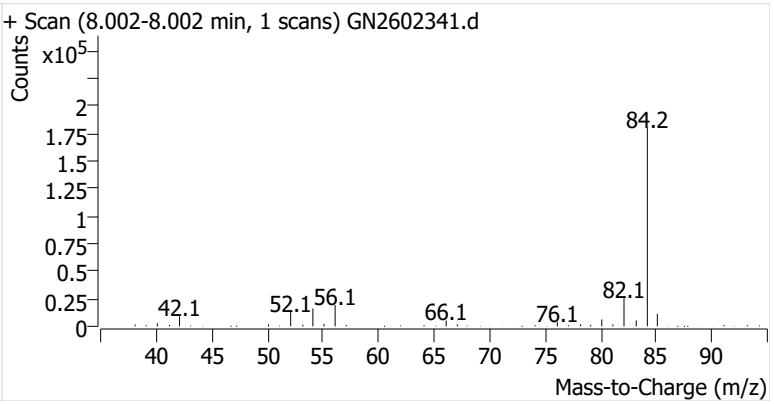
Sample Chromatogram



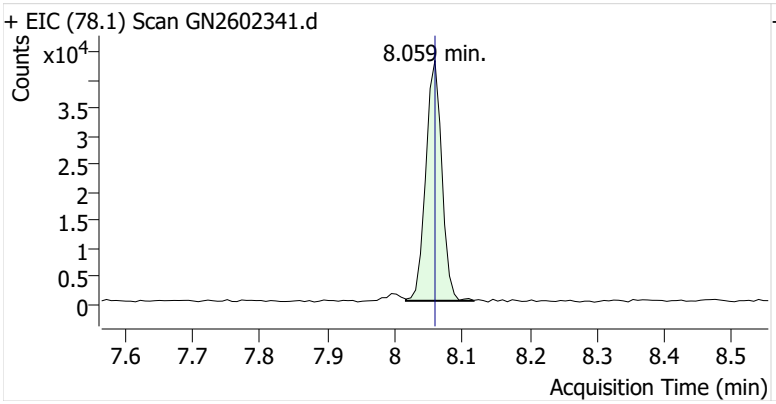
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	308,298	
Benzene	benzene-d6 (IS)	8.059	8.059	70,740	
Toluene-d8 (IS)		10.688	10.688	324,104	
Toluene	Toluene-d8 (IS)	10.789	10.789	218,731	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	36,199	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	73,159	
o-Xylene	Toluene-d8 (IS)	13.654	13.647	28,544	

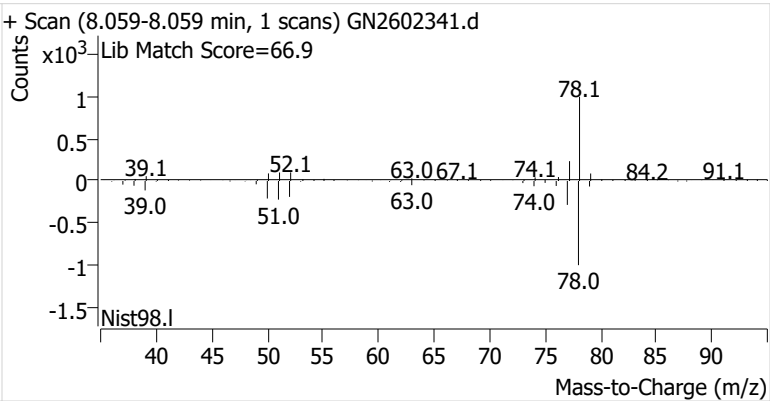
benzene-d6 (IS)



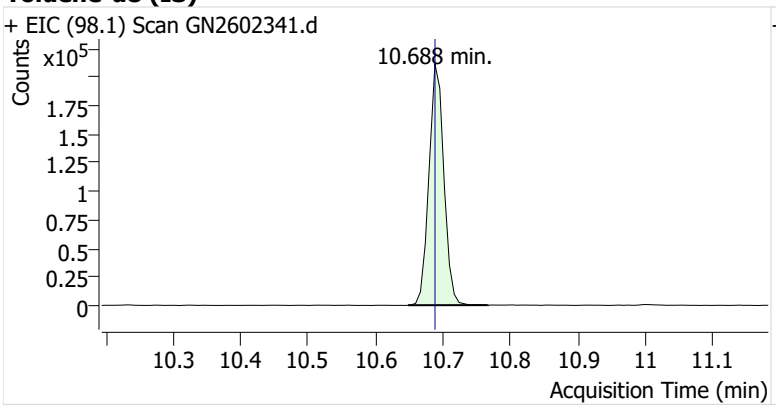


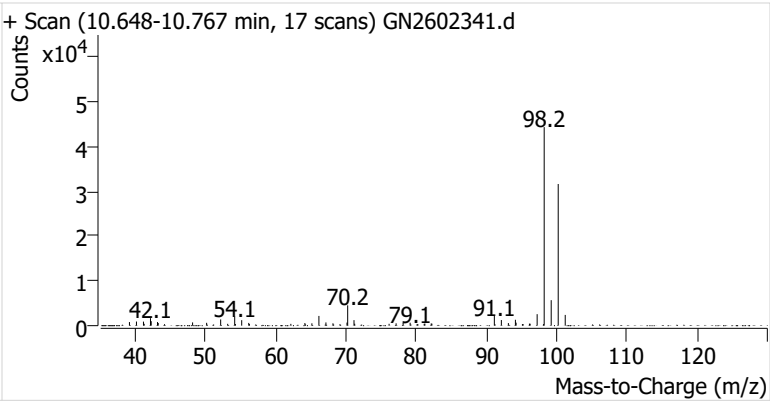
Benzene



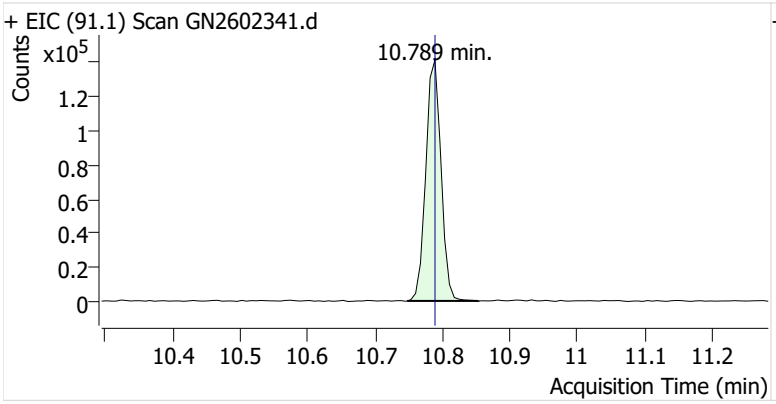


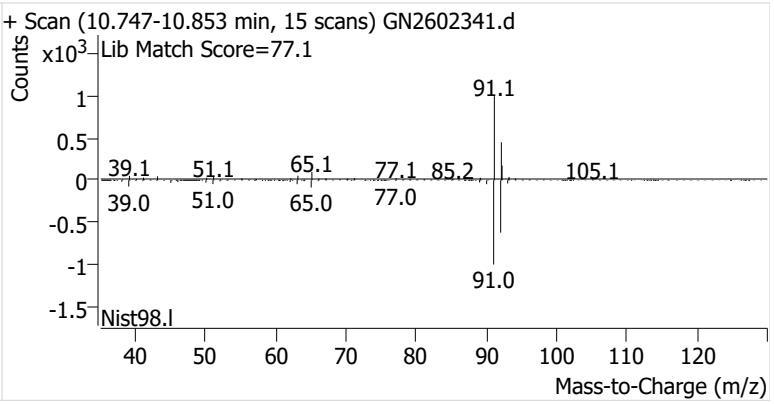
Toluene-d8 (IS)



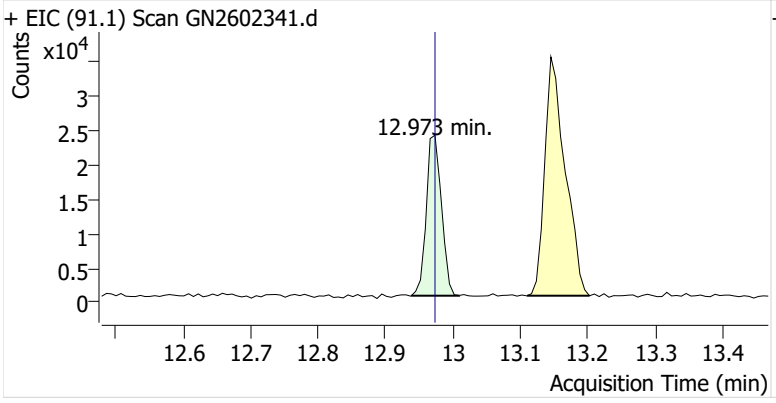


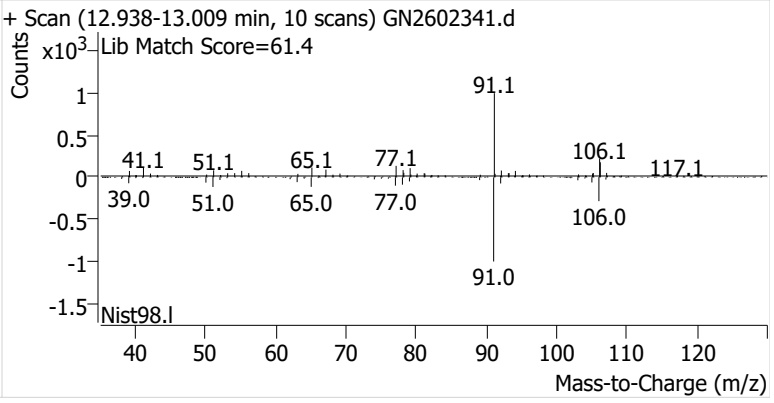
Toluene



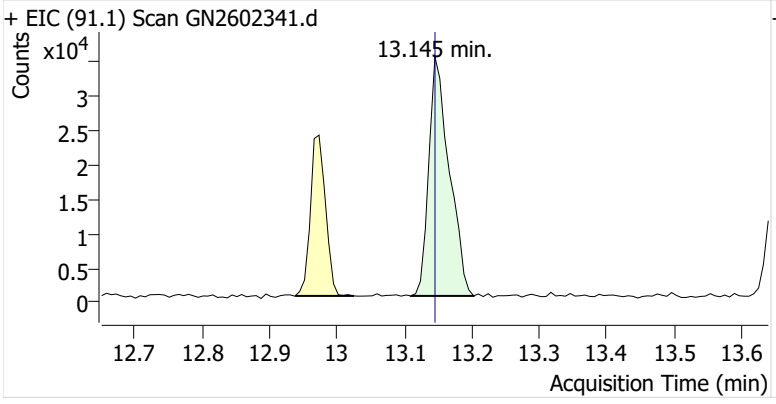


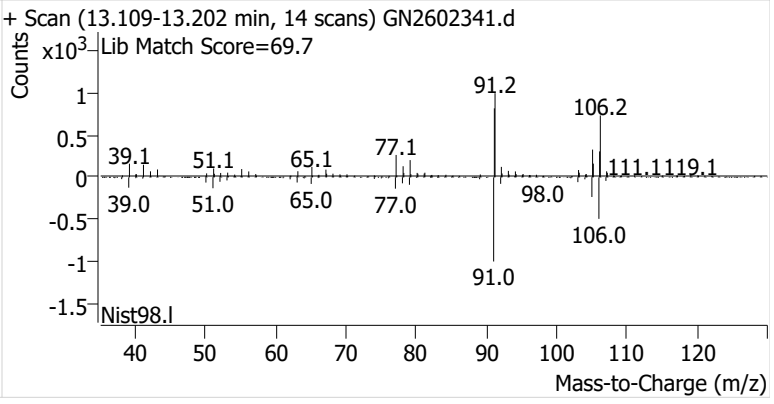
Ethylbenzene



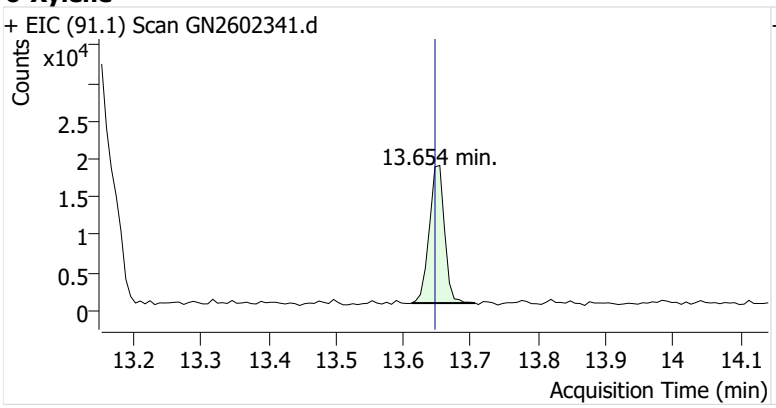


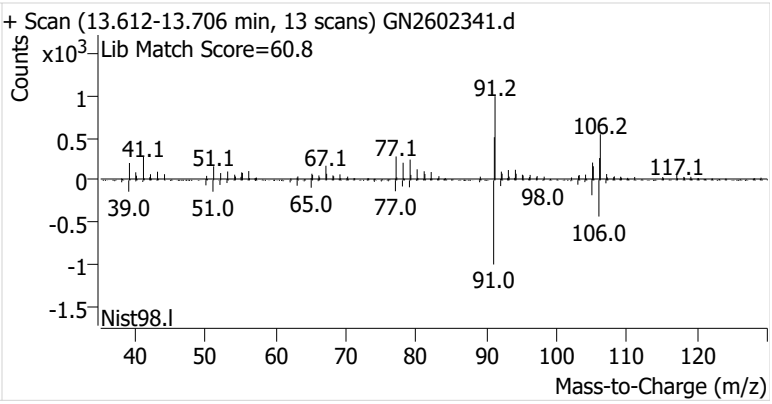
m-/p-Xylenes





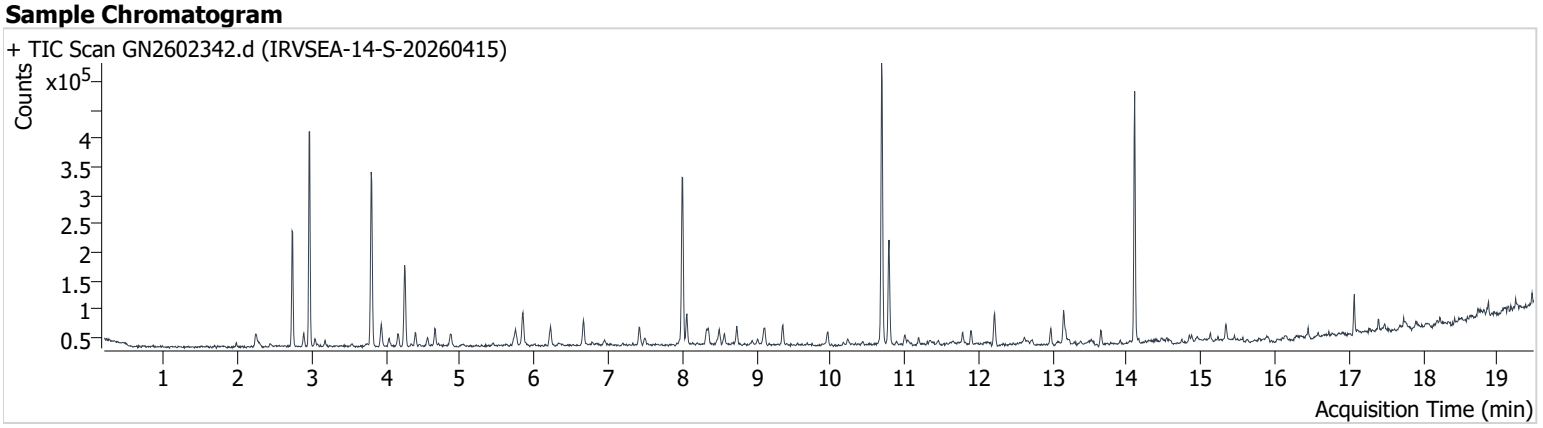
o-Xylene


+ EIC (91.1) Scan GN2602341.d
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.612-13.706 min, 13 scans) GN2602341.d
Counts
x10^3
Lib Match Score=60.8
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.1
51.1
67.1
77.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

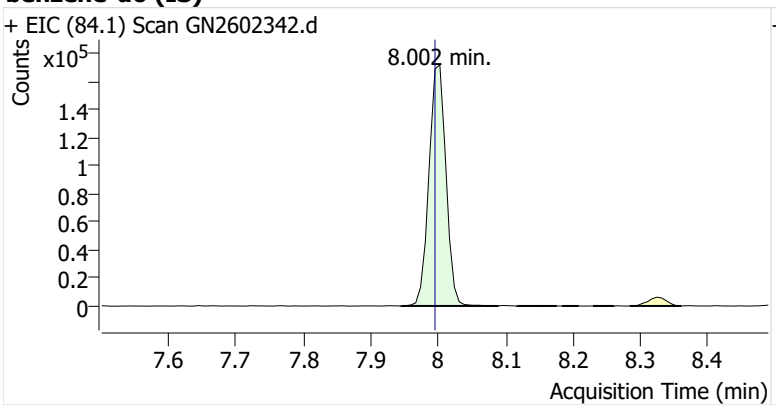
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Comment	B38433
Data File	GN2602342.d
Acq. Date-Time	4/30/2026 11:06:59 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

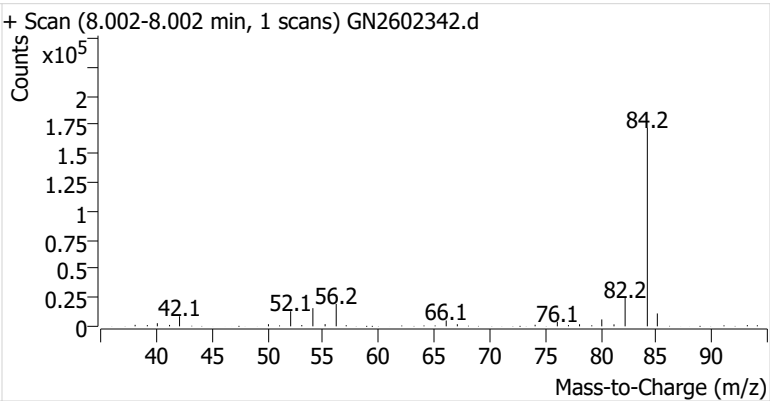
Sample Chromatogram



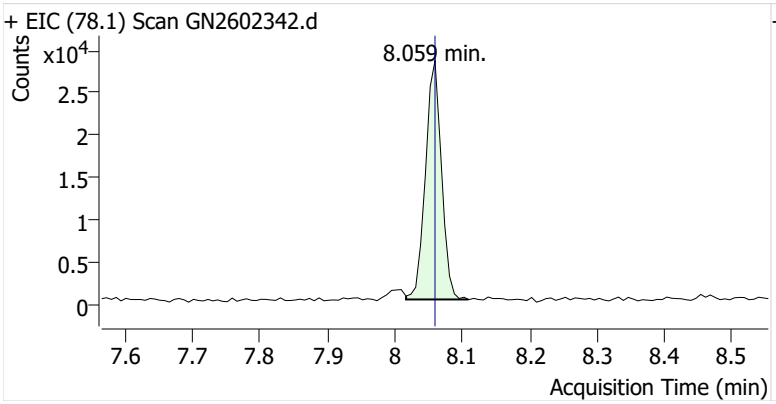
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	300,342	
Benzene	benzene-d6 (IS)	8.059	8.059	46,362	
Toluene-d8 (IS)		10.688	10.688	328,764	
Toluene	Toluene-d8 (IS)	10.789	10.789	125,152	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	18,282	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	39,754	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	14,237	

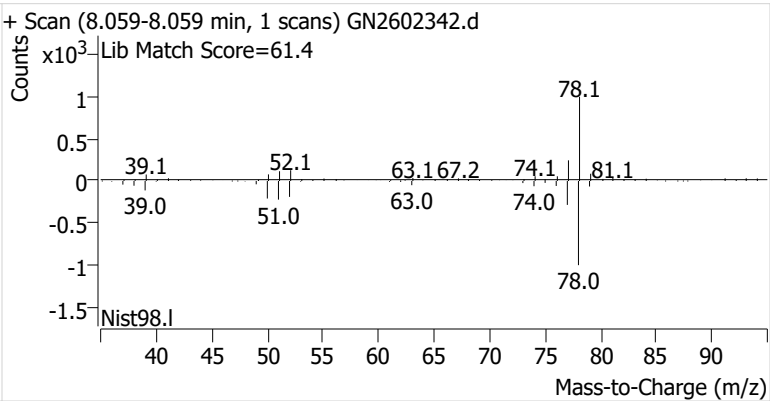
benzene-d6 (IS)



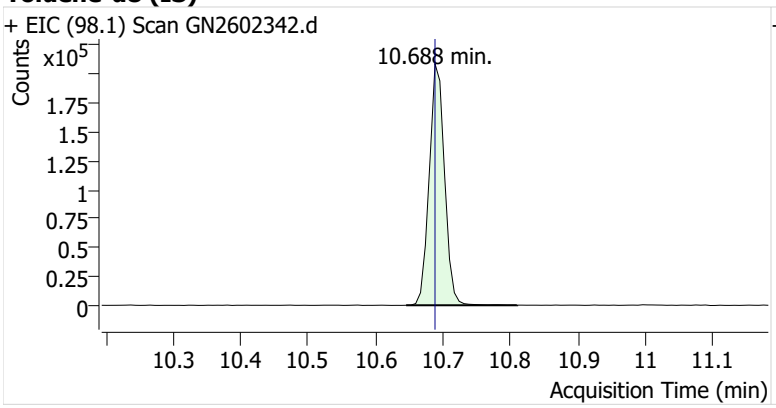


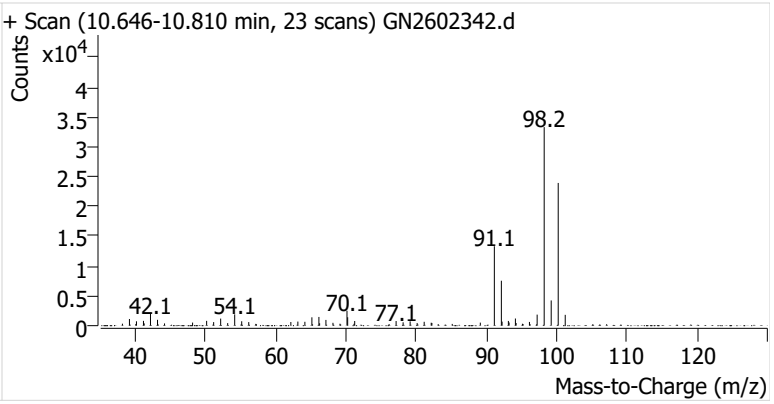
Benzene



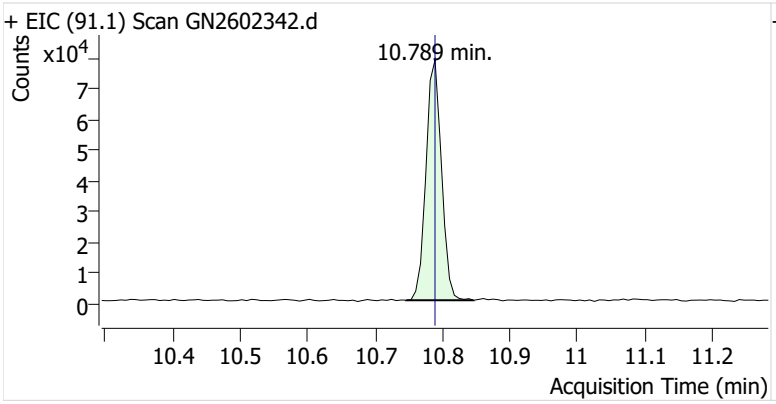


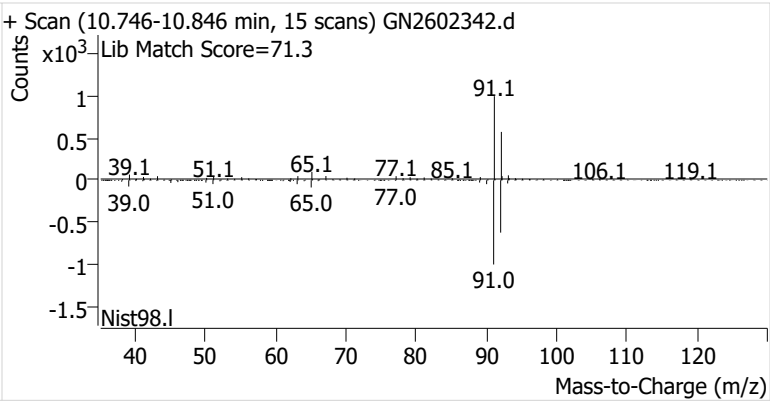
Toluene-d8 (IS)



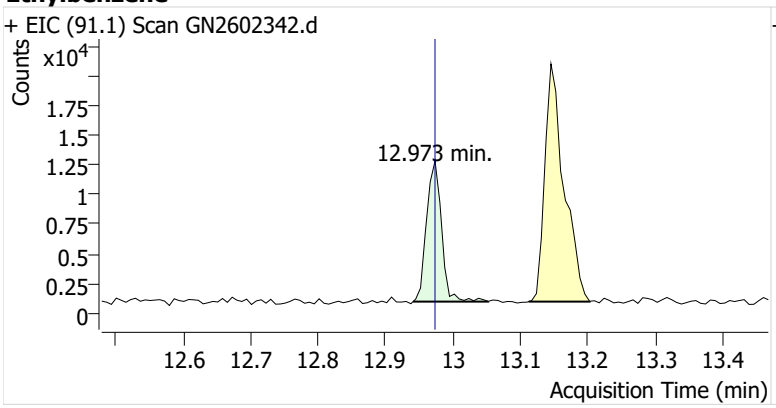


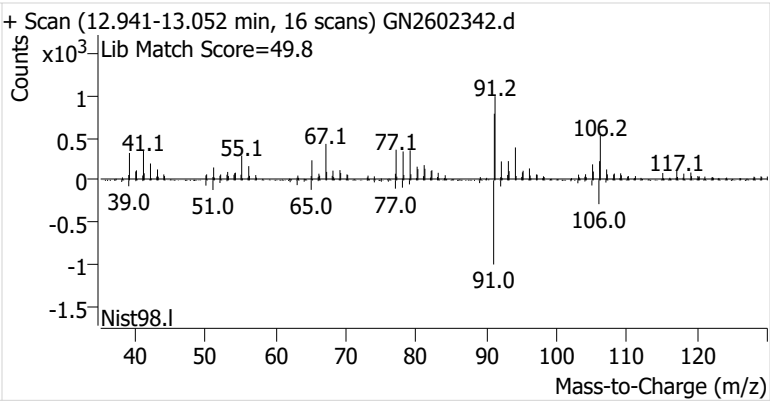
Toluene



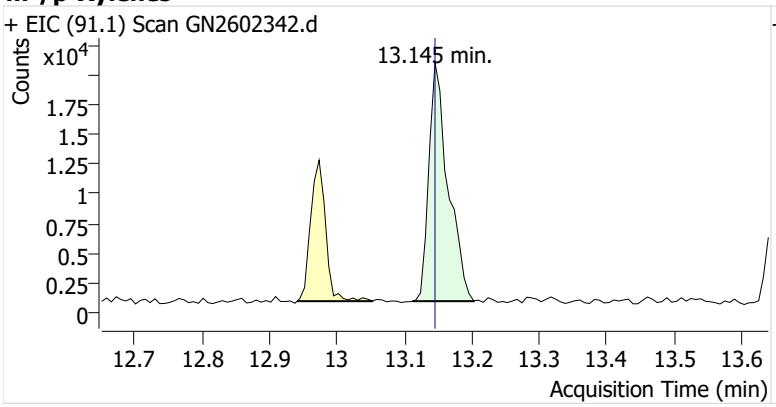


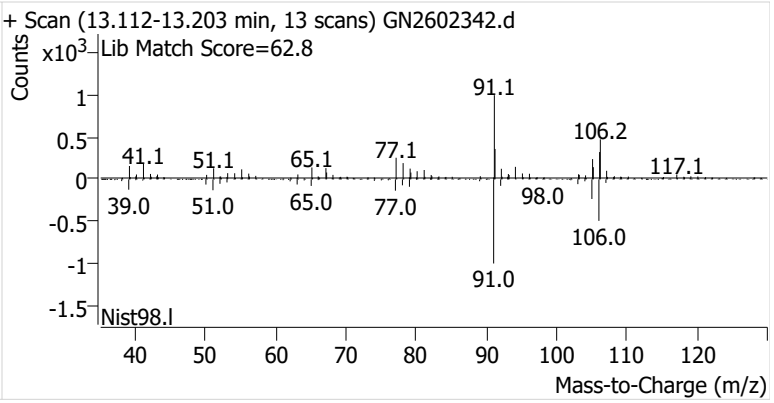
Ethylbenzene



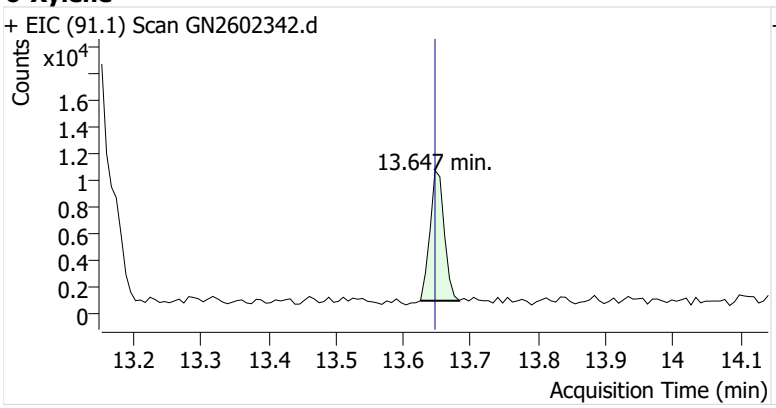


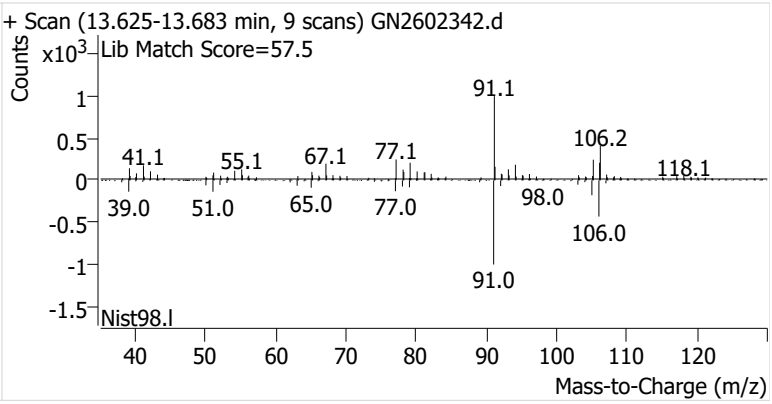
m-/p-Xylenes





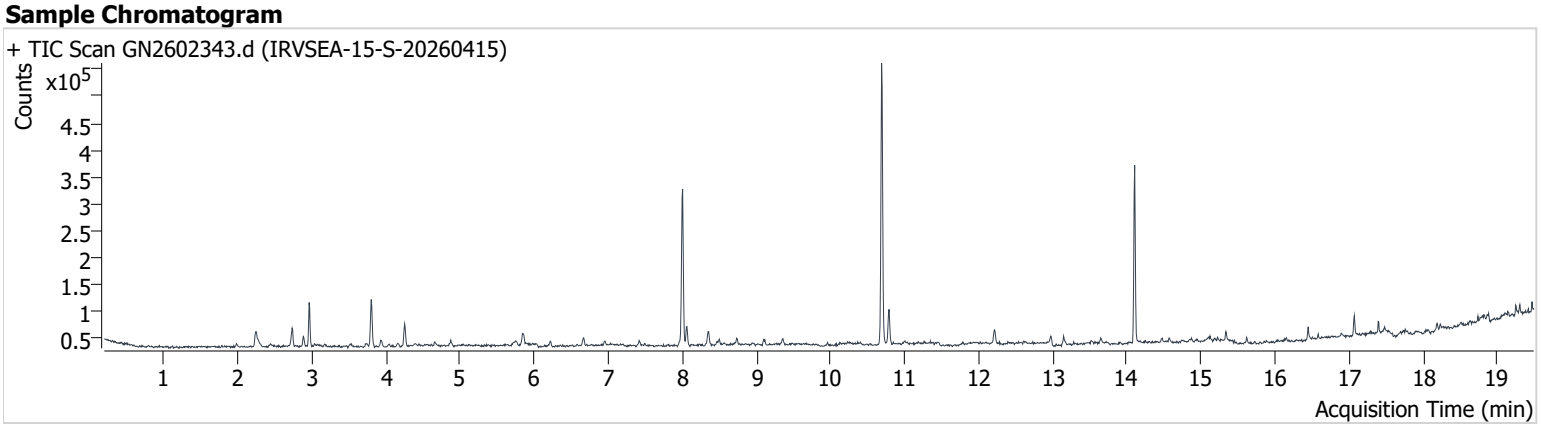
o-Xylene


+ EIC (91.1) Scan GN2602342.d
Counts
x10^4
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.683 min, 9 scans) GN2602342.d
Lib Match Score=57.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
67.1
77.1
118.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

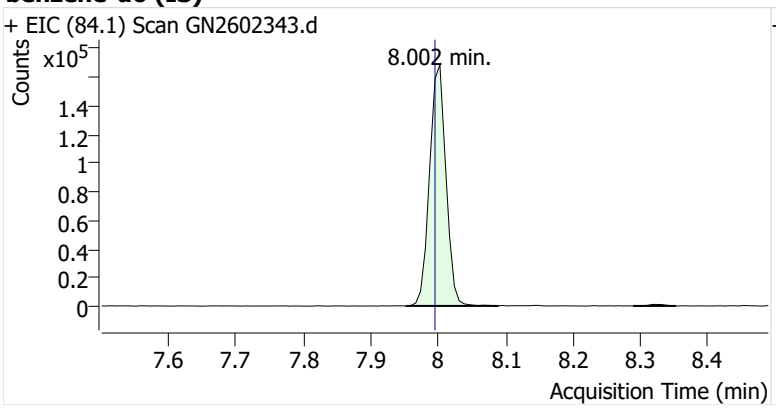
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Comment	C40697
Data File	GN2602343.d
Acq. Date-Time	4/30/2026 11:32:15 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

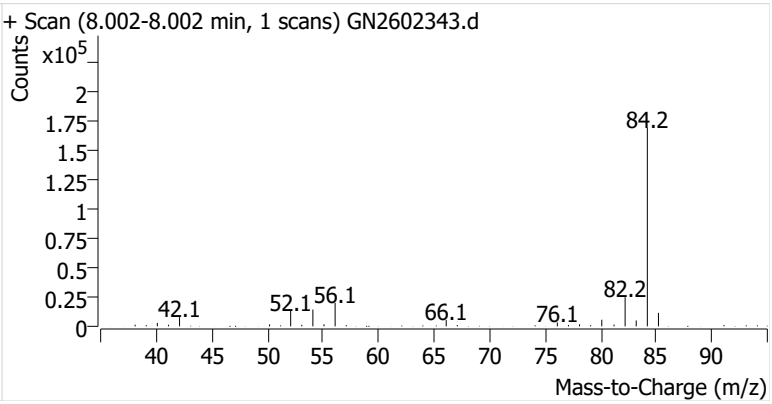
Sample Chromatogram



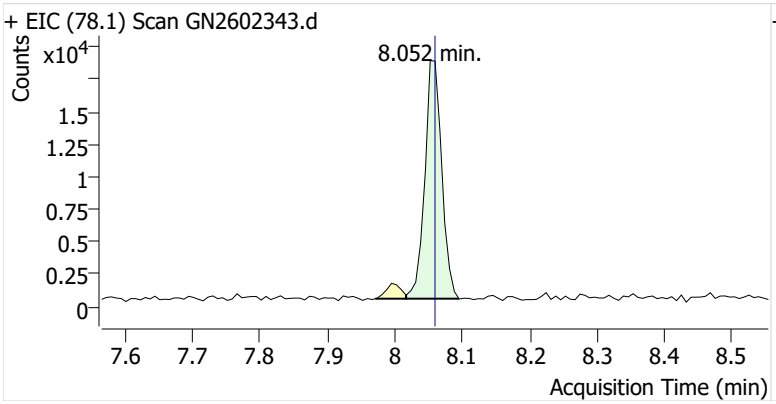
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	284,596	
Benzene	benzene-d6 (IS)	8.052	8.059	31,888	
Toluene-d8 (IS)		10.688	10.688	351,389	
Toluene	Toluene-d8 (IS)	10.789	10.789	44,312	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	8,677	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	11,324	
o-Xylene	Toluene-d8 (IS)	13.654	13.647	4,189	

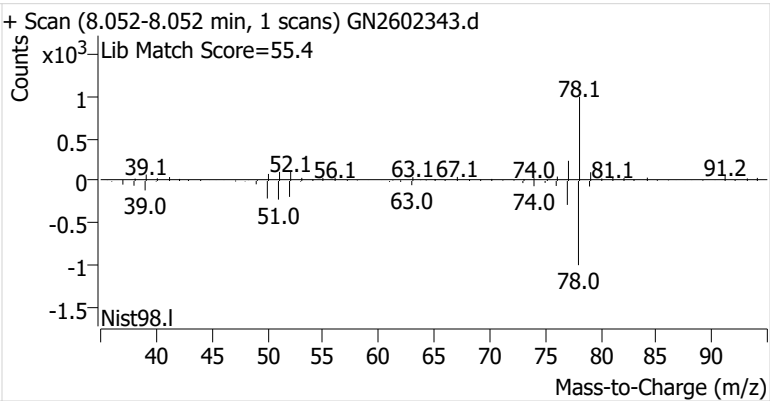
benzene-d6 (IS)



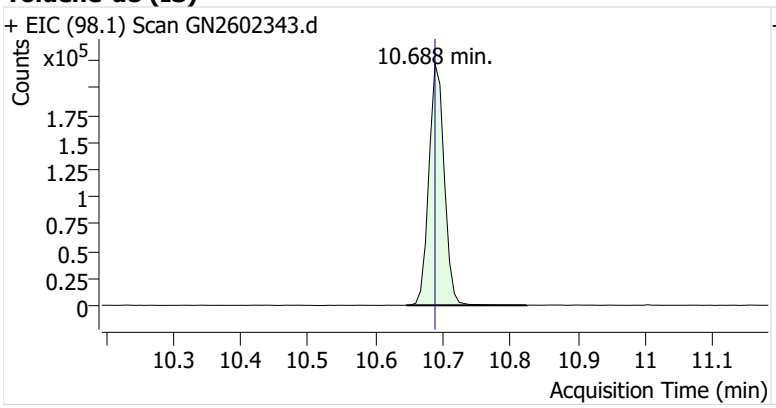


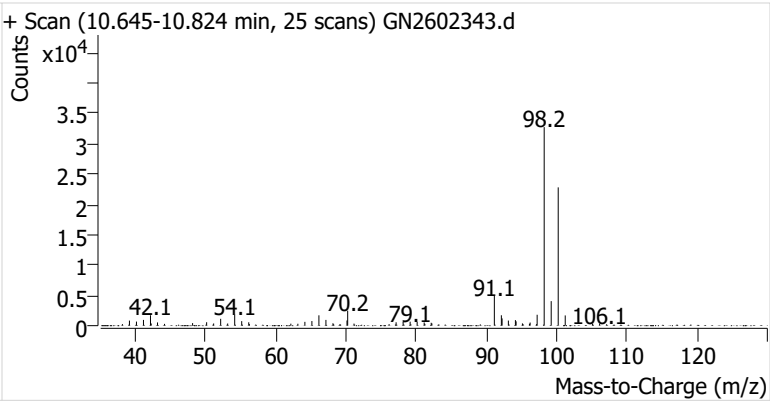
Benzene



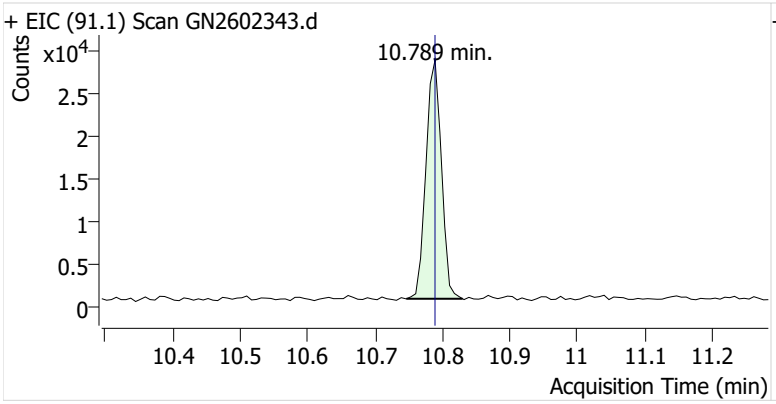


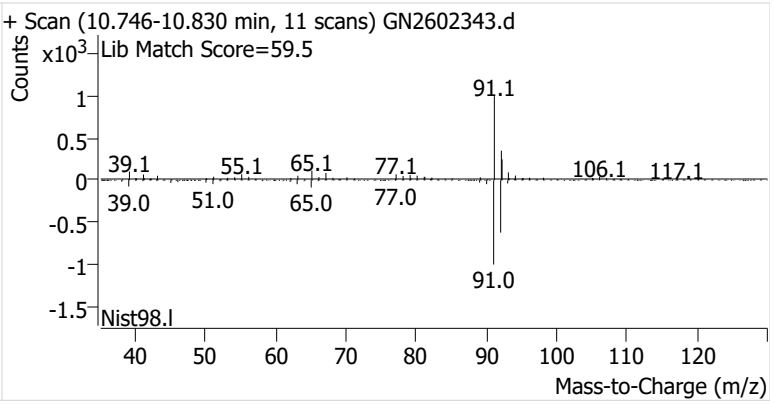
Toluene-d8 (IS)



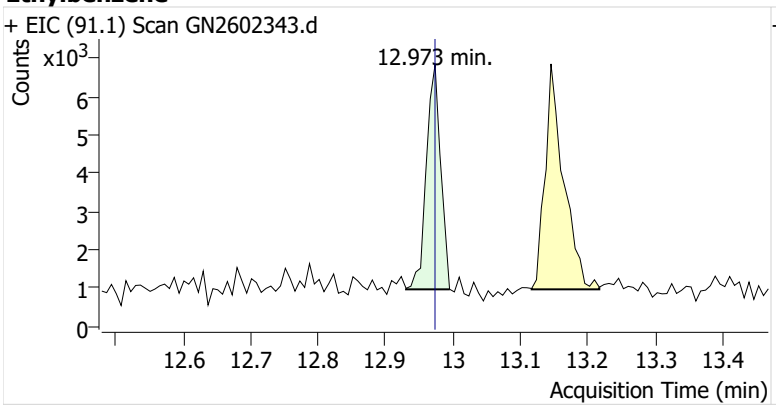


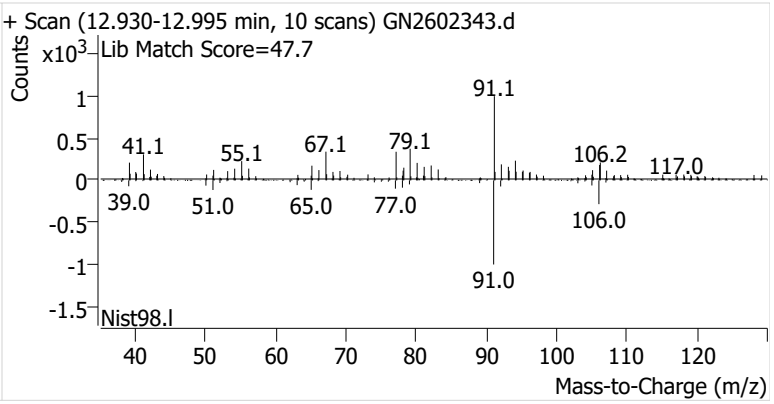
Toluene



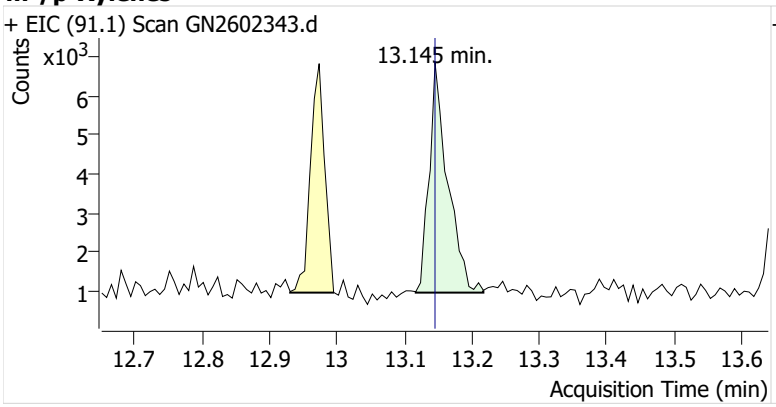


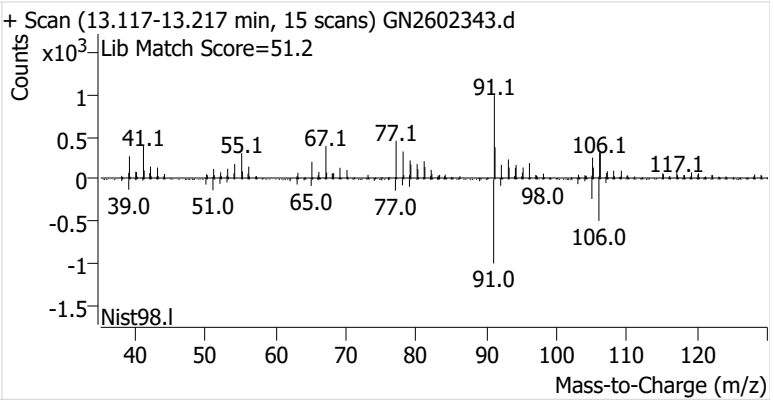
Ethylbenzene



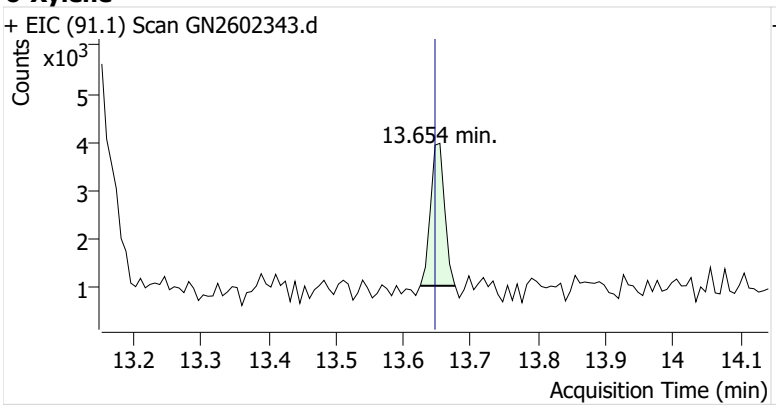


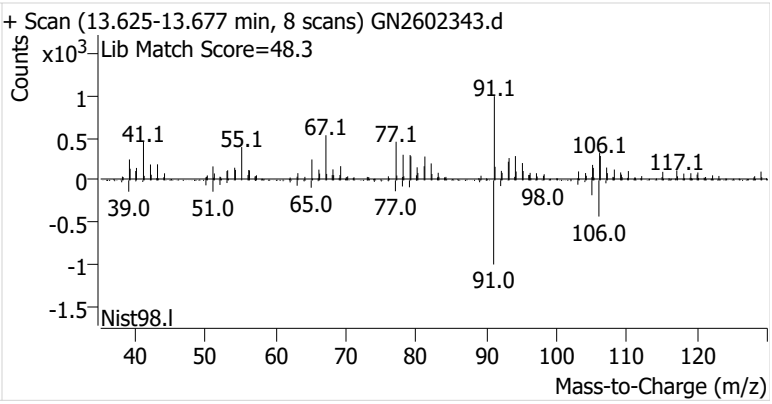
m-/p-Xylenes





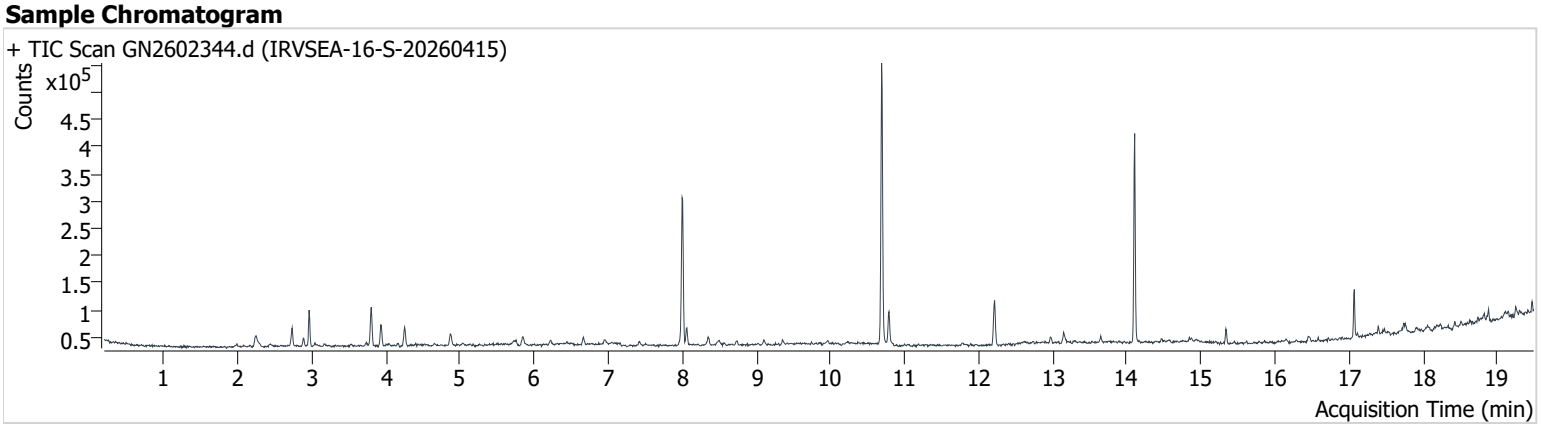
o-Xylene


+ EIC (91.1) Scan GN2602343.d
Counts
x10^3
5
4
3
2
1
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.677 min, 8 scans) GN2602343.d
Lib Match Score=48.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

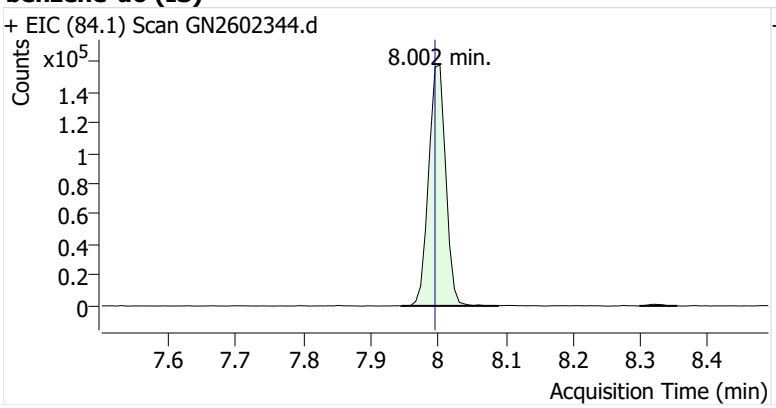
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Comment	C01403
Data File	GN2602344.d
Acq. Date-Time	4/30/2026 11:57:26 PM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

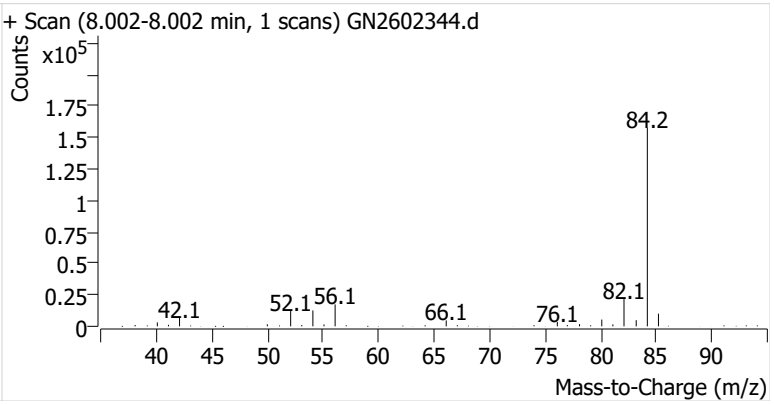
Sample Chromatogram



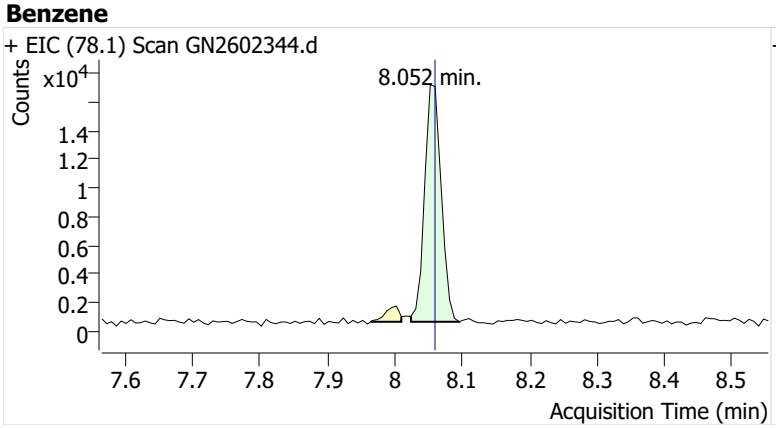
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	276,724	
Benzene	benzene-d6 (IS)	8.052	8.059	28,465	
Toluene-d8 (IS)		10.688	10.688	342,747	
Toluene	Toluene-d8 (IS)	10.789	10.789	41,326	
Ethylbenzene	Toluene-d8 (IS)	12.966	12.973	8,582	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	14,543	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	5,328	

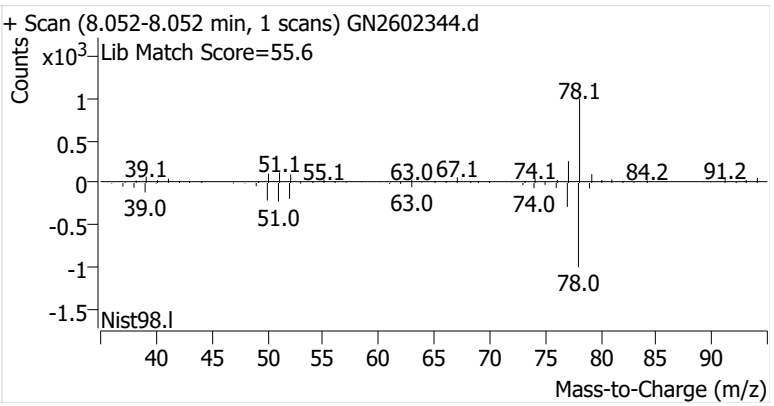
benzene-d6 (IS)



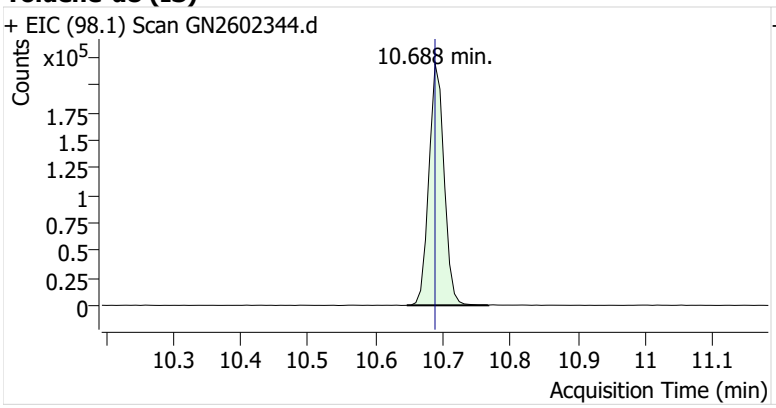


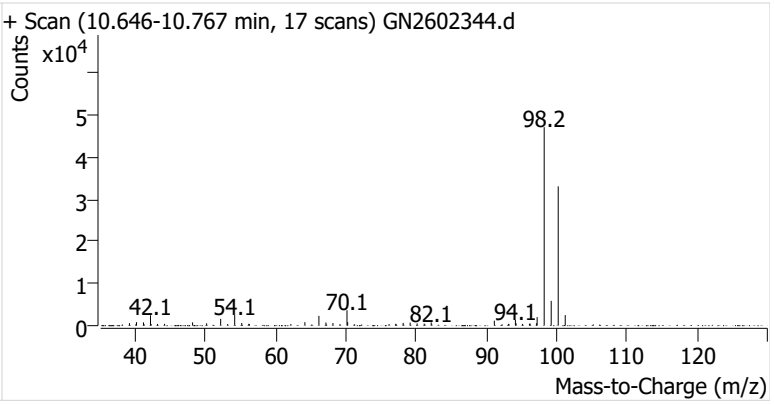
Benzene



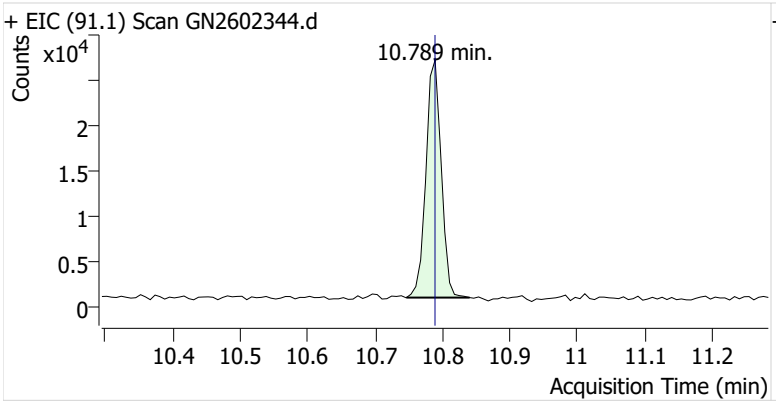


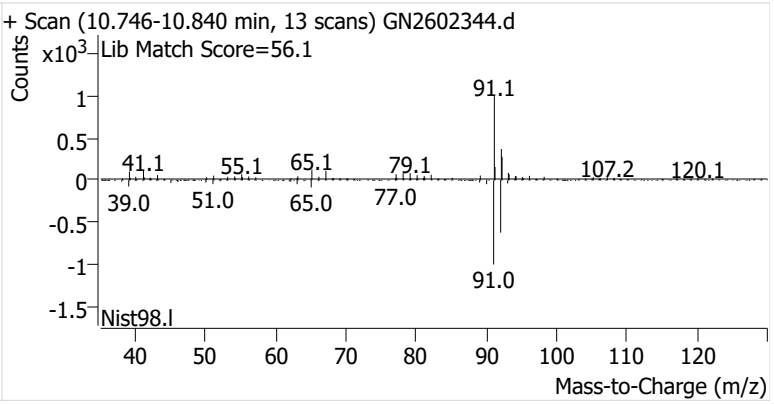
Toluene-d8 (IS)



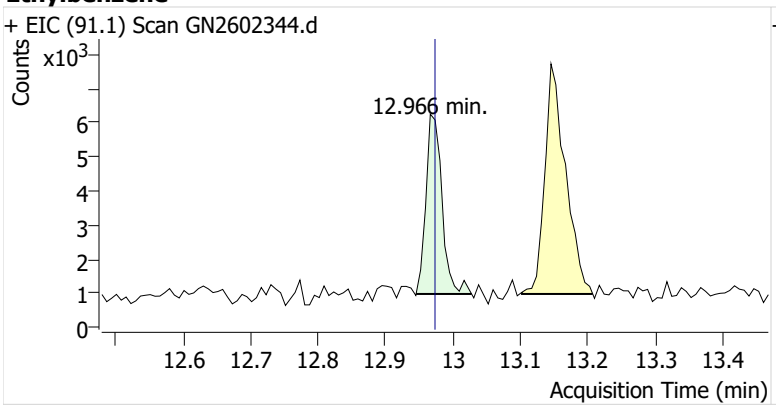


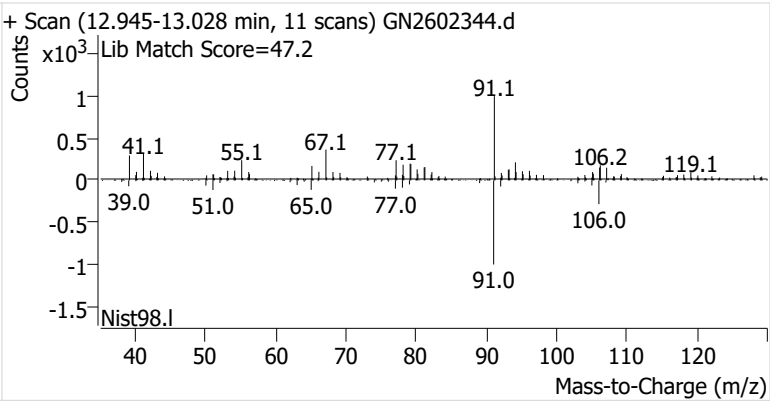
Toluene



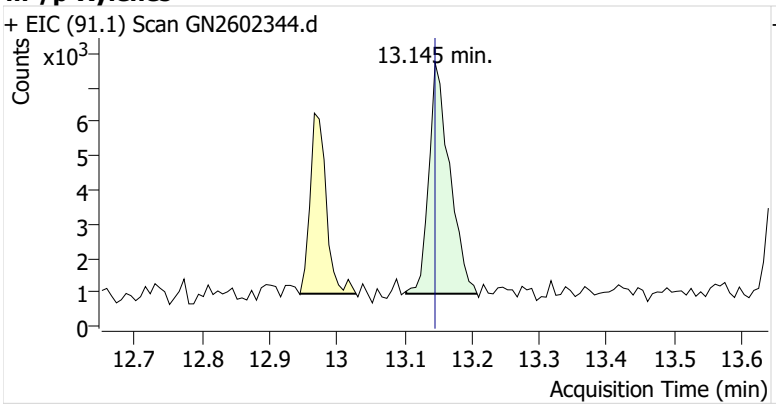


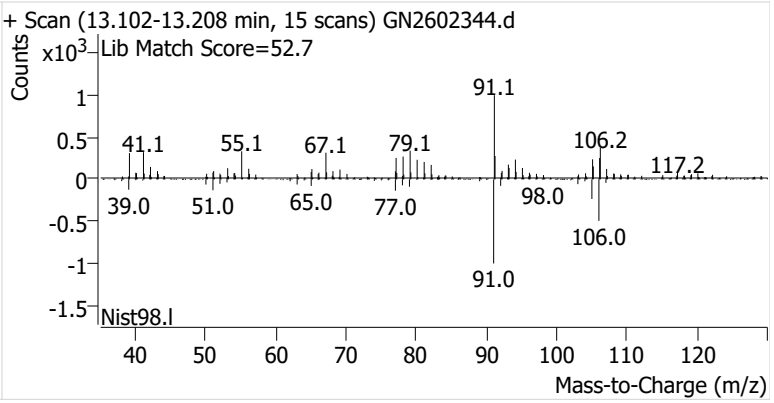
Ethylbenzene



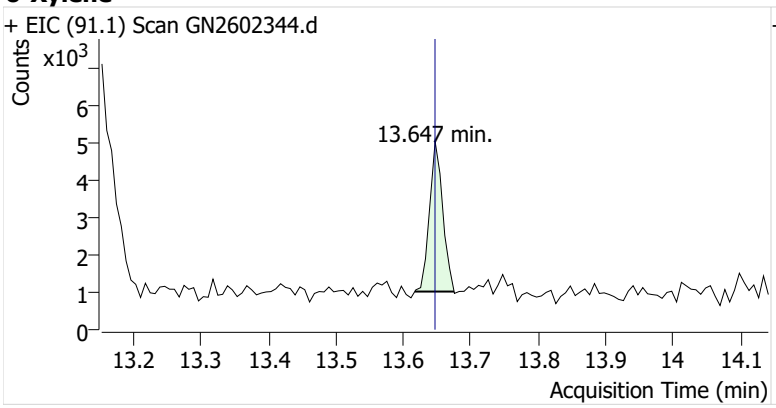


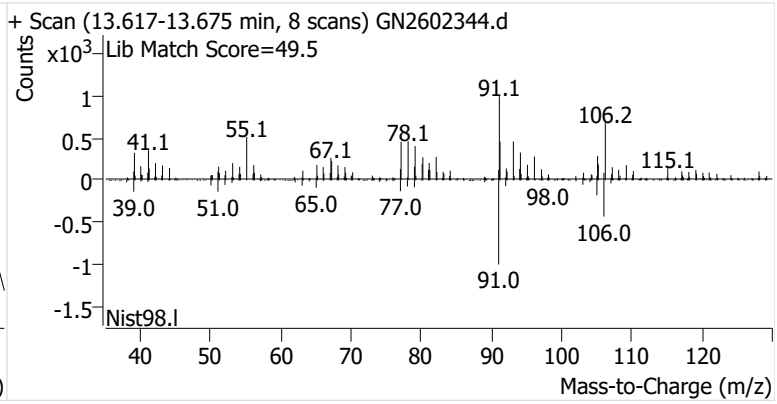
m-/p-Xylenes





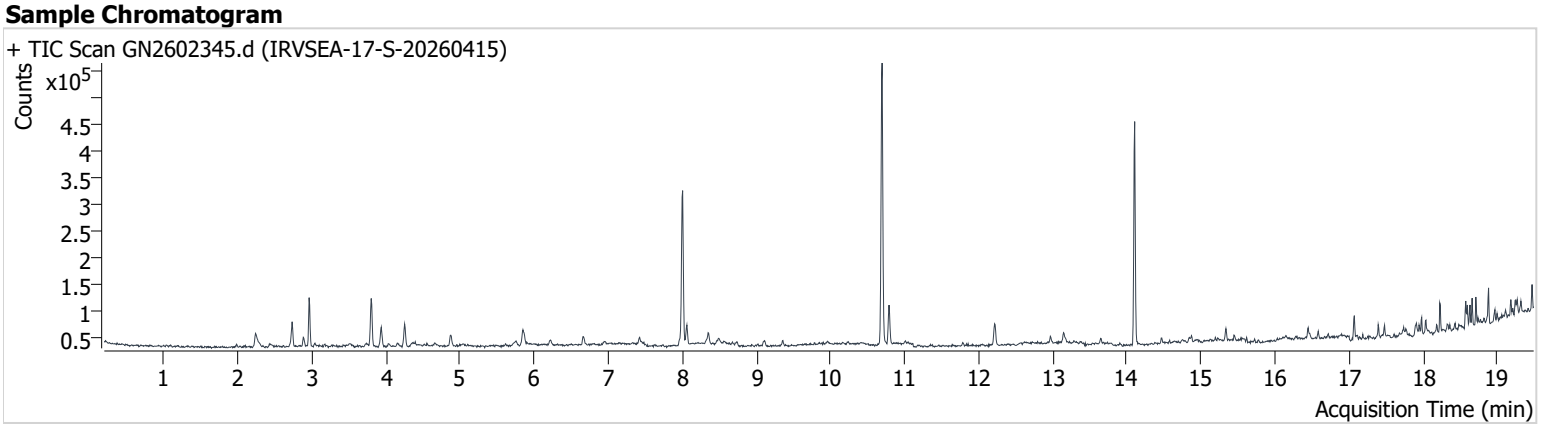
o-Xylene


+ EIC (91.1) Scan GN2602344.d
Counts
x10^3
6
5
4
3
2
1
0
13.647 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.617-13.675 min, 8 scans) GN2602344.d
Lib Match Score=49.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
78.1
67.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

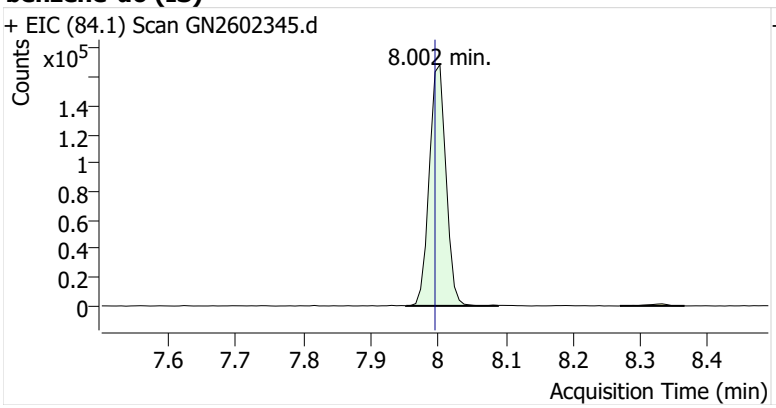
Name	IRVSEA-17-S-20260415
Comment	C53608
Data File	GN2602345.d
Acq. Date-Time	5/1/2026 12:22:39 AM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

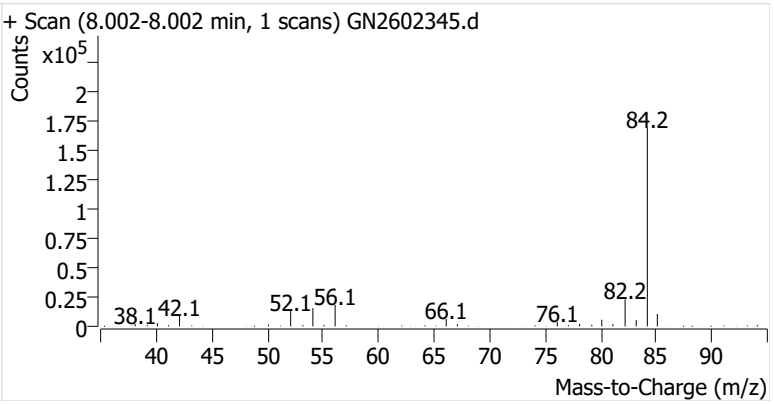
Sample Chromatogram



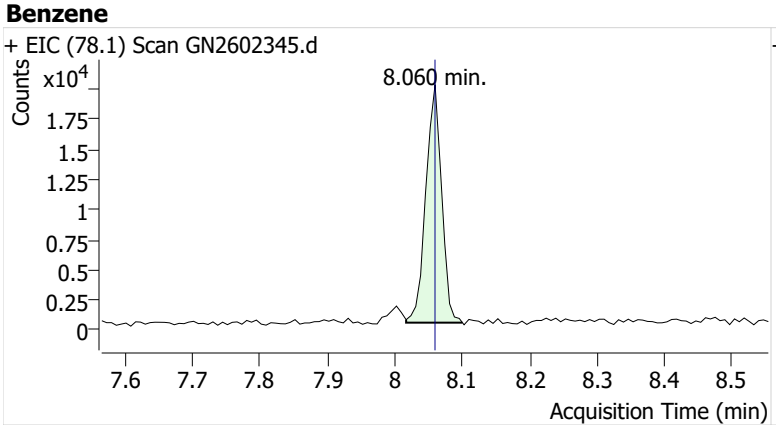
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	7.995	289,731	
Benzene	benzene-d6 (IS)	8.060	8.059	32,102	
Toluene-d8 (IS)		10.696	10.688	360,259	
Toluene	Toluene-d8 (IS)	10.789	10.789	47,491	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	9,334	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.145	14,522	
o-Xylene	Toluene-d8 (IS)	13.647	13.647	5,787	

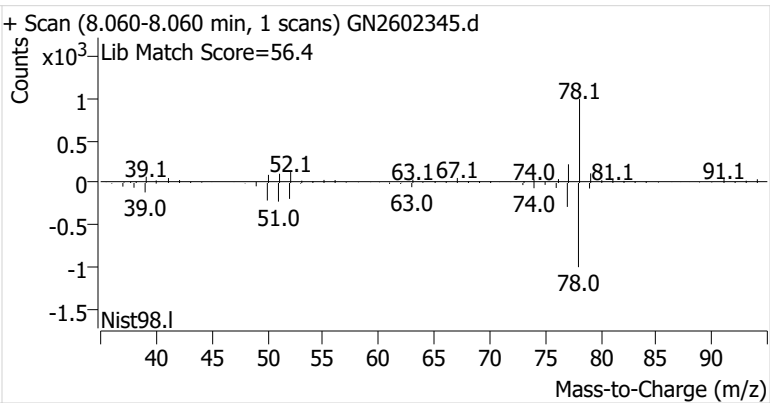
benzene-d6 (IS)



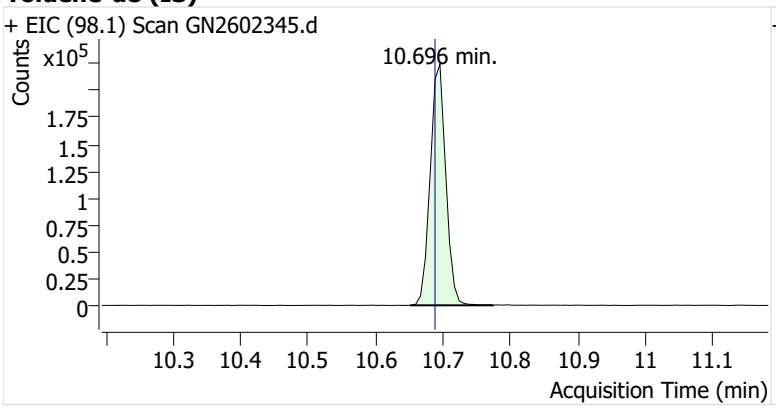


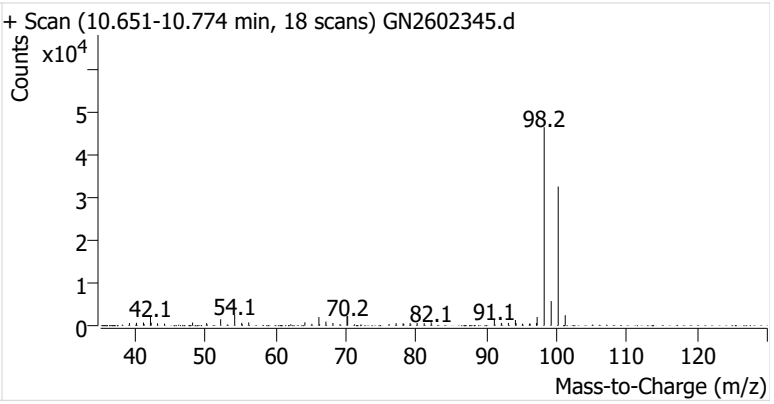
Benzene



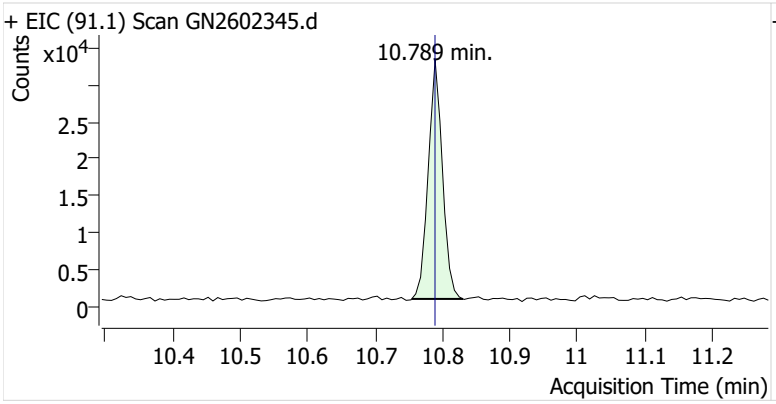


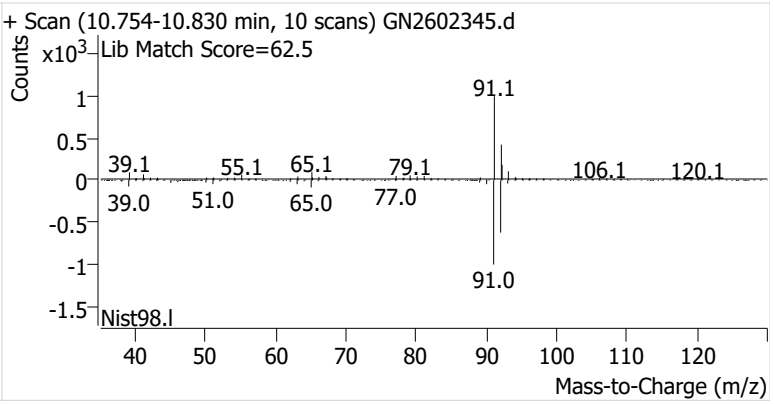
Toluene-d8 (IS)



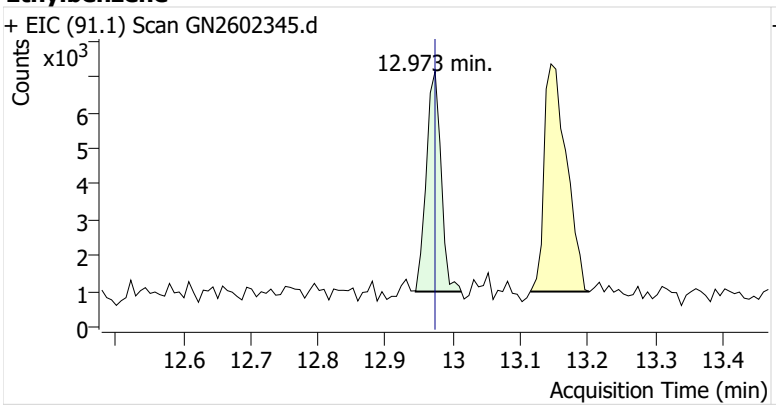


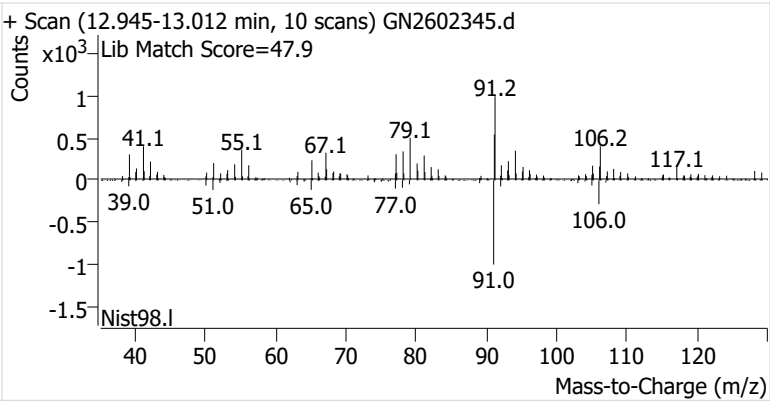
Toluene



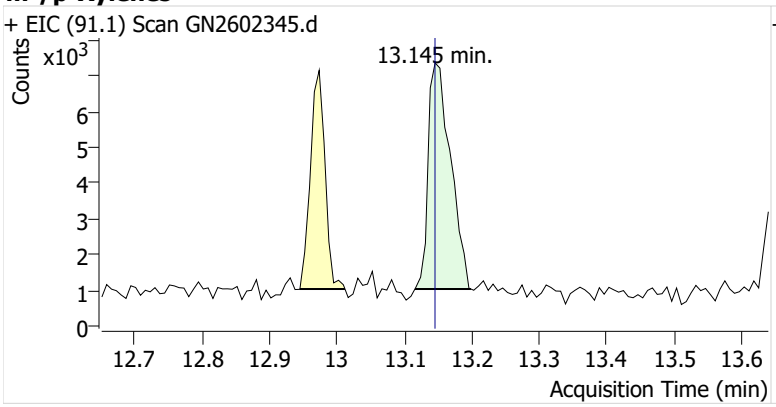


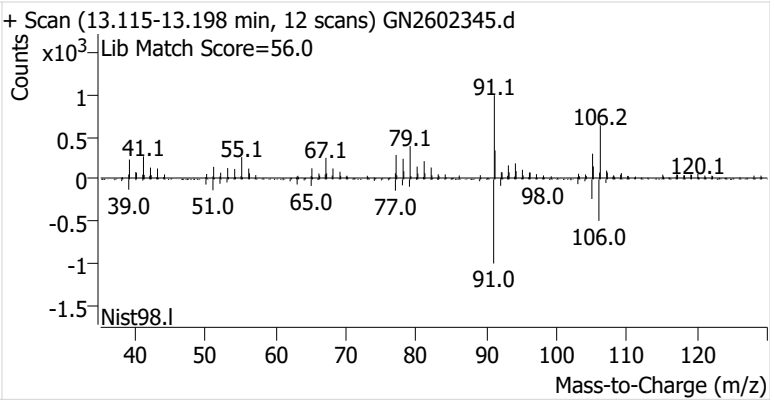
Ethylbenzene



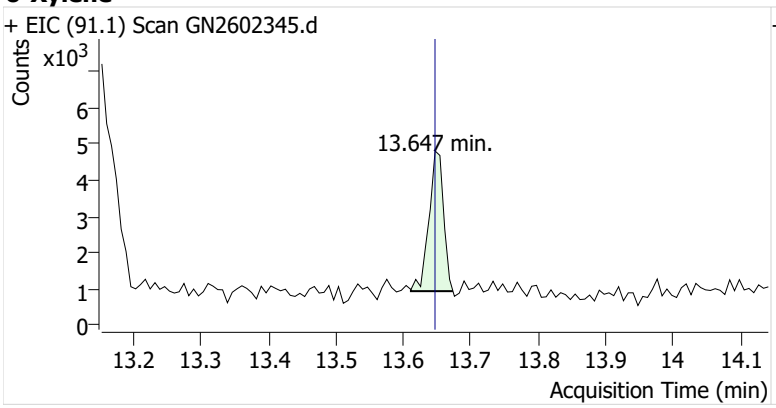


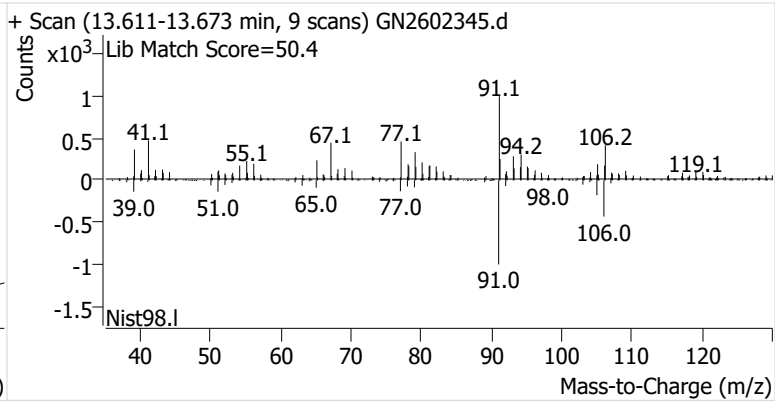
m-/p-Xylenes





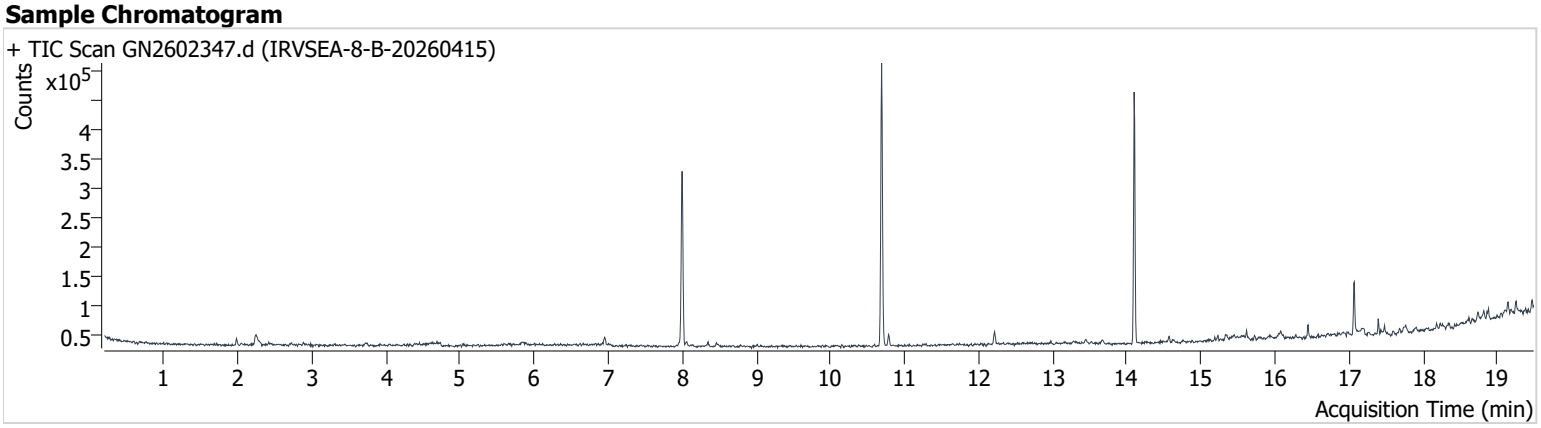
o-Xylene


+ EIC (91.1) Scan GN2602345.d
Counts
x10^3
6
5
4
3
2
1
0
13.647 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.611-13.673 min, 9 scans) GN2602345.d
Lib Match Score=50.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
94.2
106.2
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

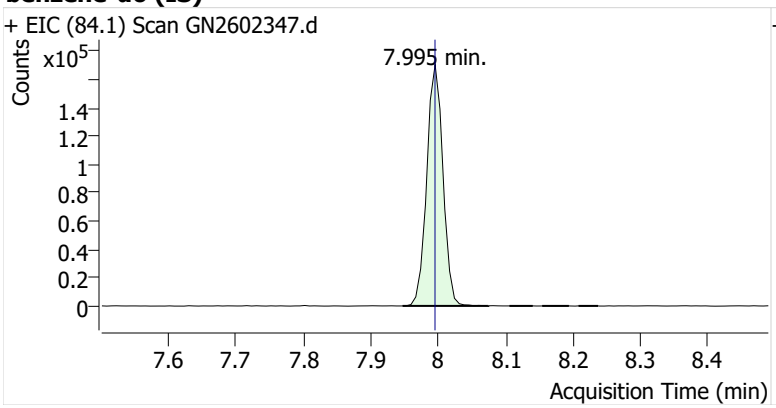
Name	IRVSEA-8-B-20260415
Comment	C43873
Data File	GN2602347.d
Acq. Date-Time	5/1/2026 7:54:03 AM
Acq. Method File	M325B.MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

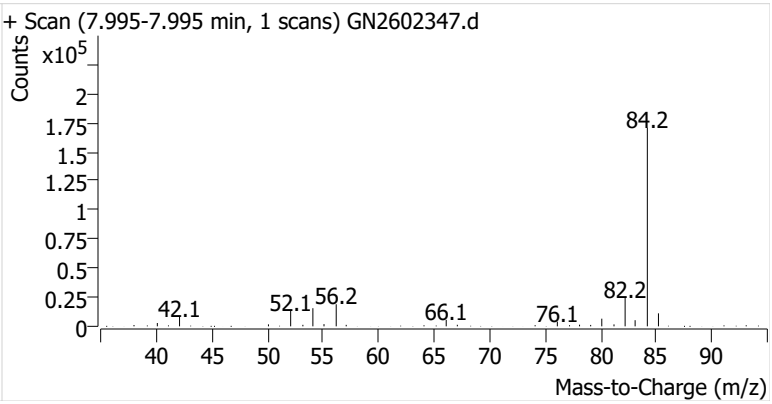
Sample Chromatogram



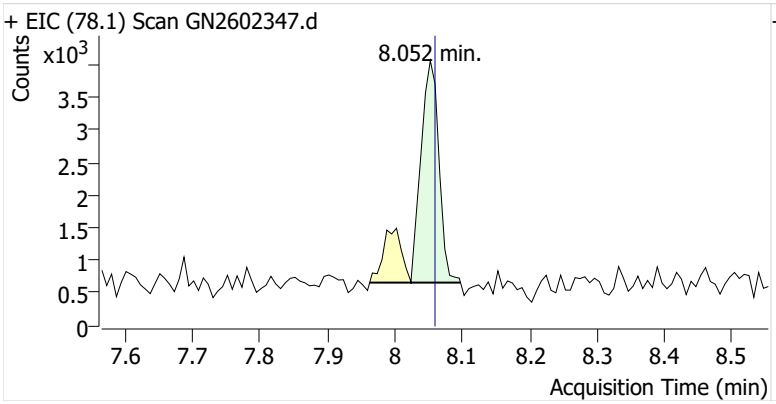
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	7.995	284,257	
Benzene	benzene-d6 (IS)	8.052	8.059	6,297	
Toluene-d8 (IS)		10.688	10.688	317,931	
Toluene	Toluene-d8 (IS)	10.782	10.789	14,460	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	1,708	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.145	1,361	
o-Xylene	Toluene-d8 (IS)	13.898	13.647	ND	m

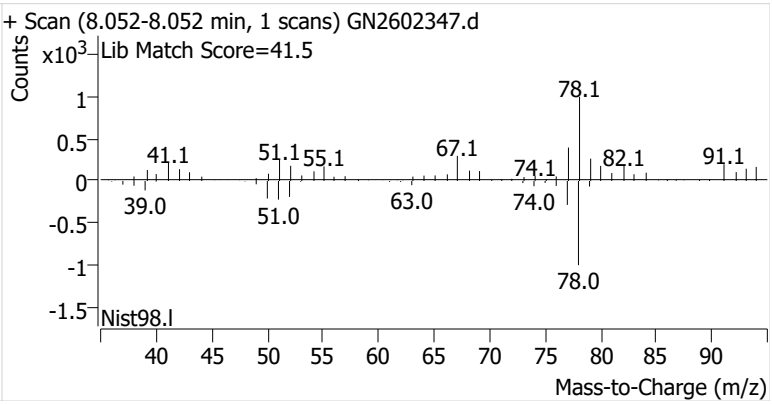
benzene-d6 (IS)



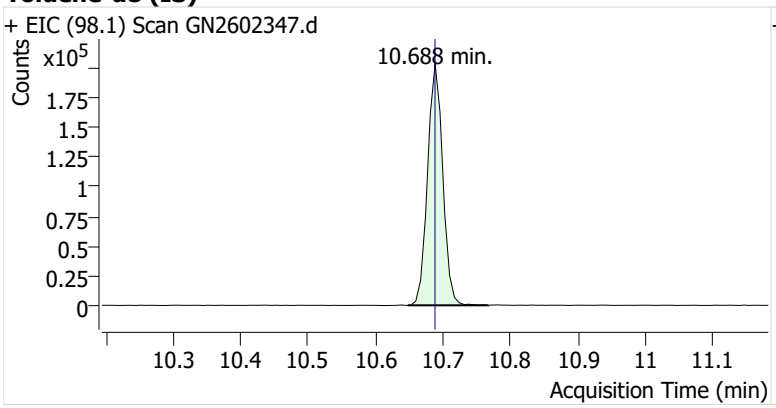


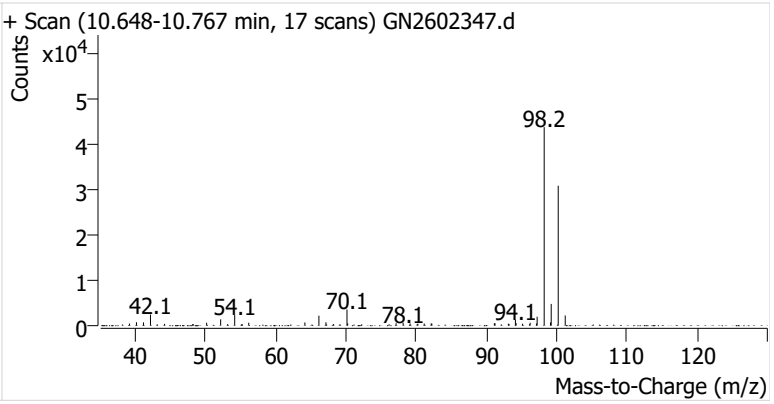
Benzene



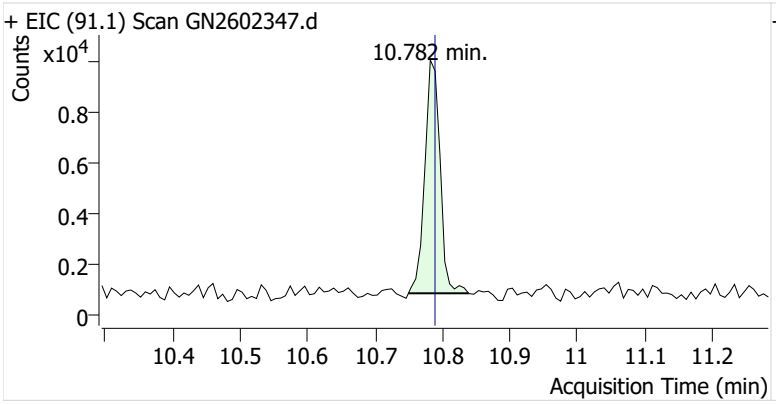


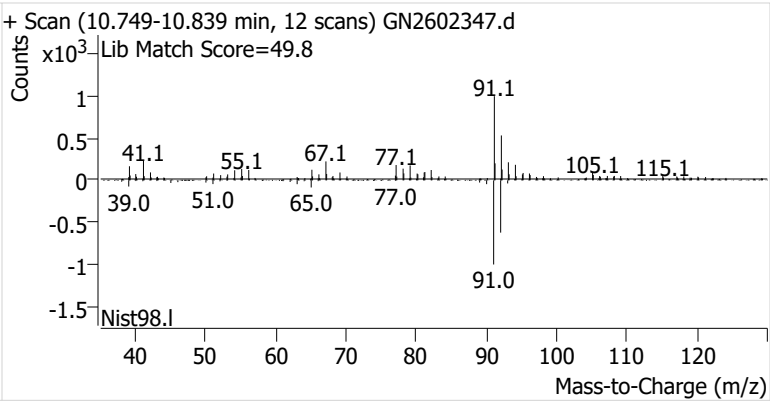
Toluene-d8 (IS)



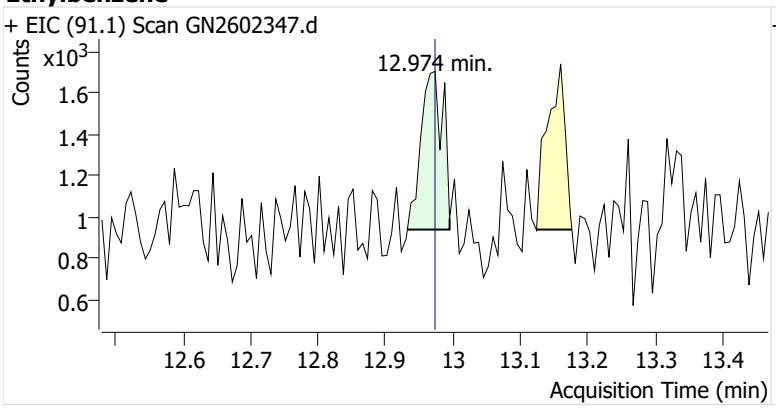


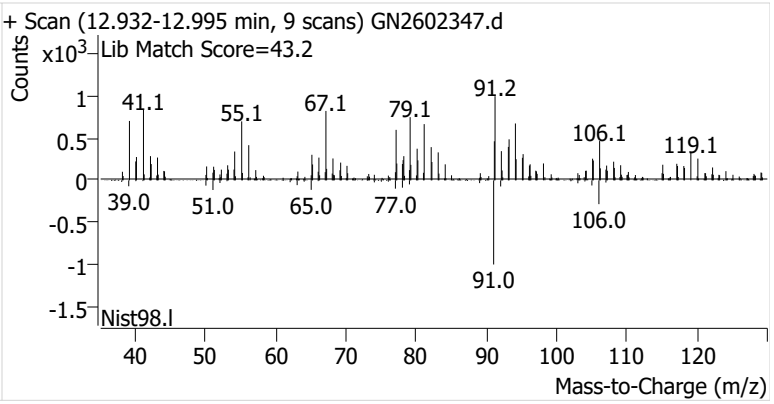
Toluene



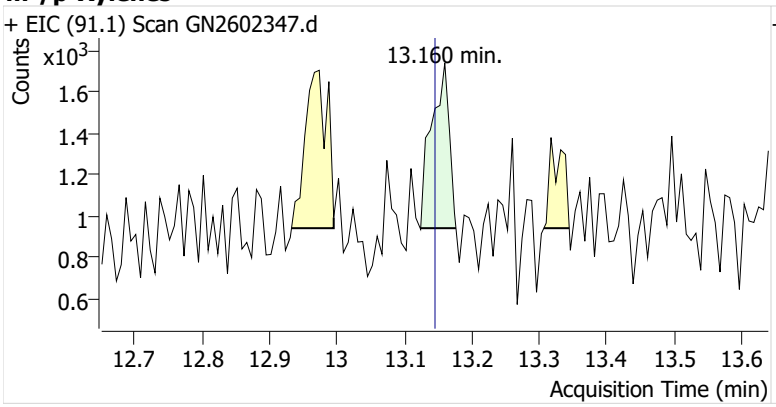


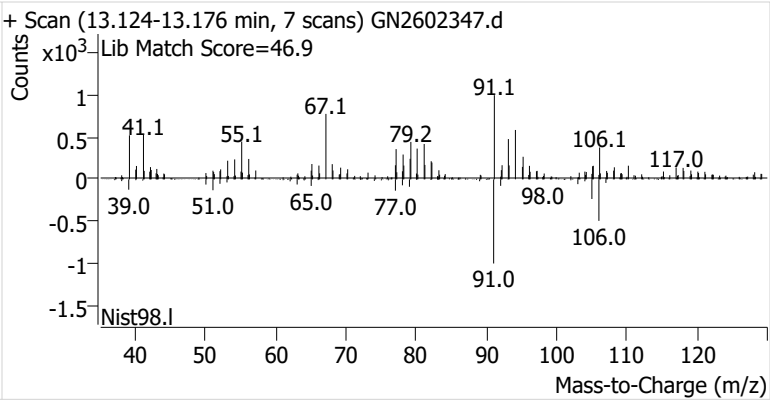
Ethylbenzene



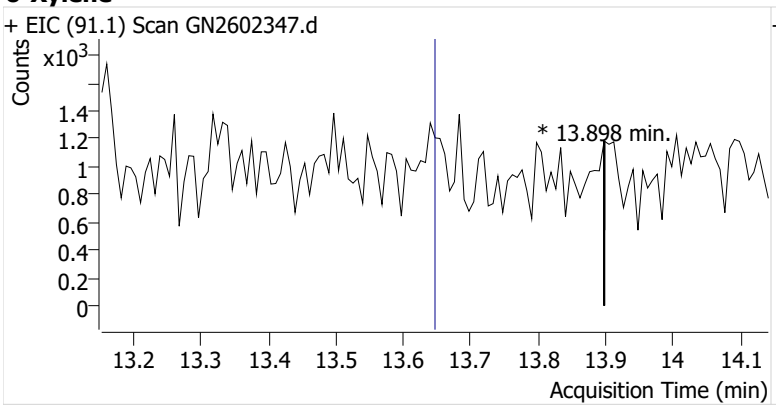


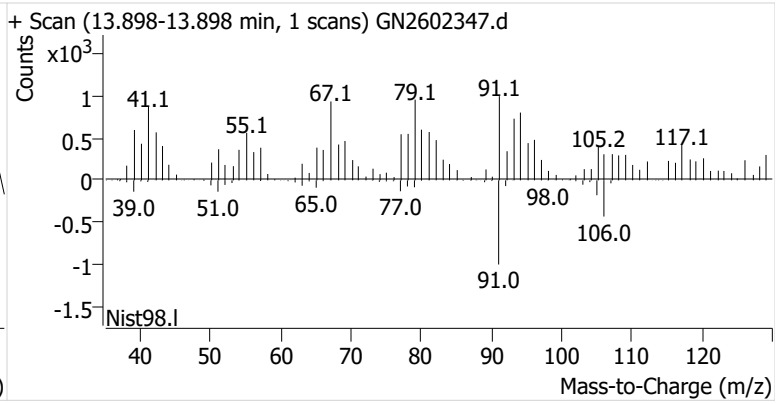
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan GN2602347.d
Counts
x10^3
1.4
1.2
1
0.8
0.6
0.4
0.2
0
* 13.898 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.898-13.898 min, 1 scans) GN2602347.d
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
105.2
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Initial Calibration

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
GN121625A_CC185154	Benzene	1	GN2501852.d	5.94	55576	56.3	332802	1.584	0.086
GN121625A_CC185154	Benzene	2	GN2501853.d	11.88	105856	56.3	327485	1.533	0.051
GN121625A_CC185154	Benzene	3	GN2501854.d	23.76	181486	56.3	331293	1.299	-0.11
GN121625A_CC185154	Benzene	4	GN2501855.d	47.52	353674	56.3	329366	1.273	-0.13
GN121625A_CC185154	Benzene	5	GN2501862.d	120.44	1128769	56.3	350483	1.506	0.032
GN121625A_CC185154	Benzene	6	GN2501857.d	237.58	2126487	56.3	325374	1.550	0.062
GN121625A_CC185154	Benzene	7	GN2501858.d	712.73	6101684	56.3	328403	1.468	0.0065
						Avg:	332172	1.459	
						%RSD:	2.5%	8.5%	
GN121625A_CC185154	Toluene	1	GN2501852.d	5.22	63850	66.1	370172	2.184	0.2
GN121625A_CC185154	Toluene	2	GN2501853.d	10.43	114053	66.1	365714	1.975	0.088
GN121625A_CC185154	Toluene	3	GN2501854.d	20.87	204237	66.1	379443	1.704	-0.061
GN121625A_CC185154	Toluene	4	GN2501855.d	41.73	379499	66.1	396764	1.514	-0.17
GN121625A_CC185154	Toluene	5	GN2501862.d	105.78	1152738	66.1	402330	1.789	-0.014
GN121625A_CC185154	Toluene	6	GN2501857.d	208.66	2113716	66.1	365482	1.831	0.0085
GN121625A_CC185154	Toluene	7	GN2501858.d	625.99	6012718	66.1	370916	1.711	-0.058
						Avg:	378689	1.816	
						%RSD:	4.0%	11.8%	
GN121625A_CC185154	Ethylbenzene	1	GN2501852.d	5.42	69841	66.1	370172	2.299	0.13
GN121625A_CC185154	Ethylbenzene	2	GN2501853.d	10.84	133345	66.1	365714	2.221	0.091
GN121625A_CC185154	Ethylbenzene	3	GN2501854.d	21.69	260455	66.1	379443	2.091	0.027
GN121625A_CC185154	Ethylbenzene	4	GN2501855.d	43.37	473762	66.1	396764	1.819	-0.11
GN121625A_CC185154	Ethylbenzene	5	GN2501862.d	109.94	1213646	66.1	402330	1.813	-0.11
GN121625A_CC185154	Ethylbenzene	6	GN2501857.d	216.87	2478024	66.1	365482	2.065	0.015
GN121625A_CC185154	Ethylbenzene	7	GN2501858.d	650.60	7088385	66.1	370916	1.941	-0.047
						Avg:	378689	2.036	
						%RSD:	4.0%	9.3%	
GN121625A_CC185154	m-/p-Xylenes	1	GN2501852.d	6.08	60329	66.1	370172	1.772	0.12
GN121625A_CC185154	m-/p-Xylenes	2	GN2501853.d	12.15	117660	66.1	365714	1.749	0.1
GN121625A_CC185154	m-/p-Xylenes	3	GN2501854.d	24.30	236581	66.1	379443	1.695	0.069
GN121625A_CC185154	m-/p-Xylenes	4	GN2501855.d	48.61	419454	66.1	396764	1.437	-0.094
GN121625A_CC185154	m-/p-Xylenes	5	GN2501862.d	123.21	1010169	66.1	402330	1.346	-0.15
GN121625A_CC185154	m-/p-Xylenes	6	GN2501857.d	243.05	2102079	66.1	365482	1.563	-0.014
GN121625A_CC185154	m-/p-Xylenes	7	GN2501858.d	729.15	6305677	66.1	370916	1.540	-0.029
						Avg:	378689	1.586	
						%RSD:	4.0%	10.1%	
GN121625A_CC185154	o-Xylene	1	GN2501852.d	5.65	58227	66.1	370172	1.839	0.13
GN121625A_CC185154	o-Xylene	2	GN2501853.d	11.30	112830	66.1	365714	1.803	0.11
GN121625A_CC185154	o-Xylene	3	GN2501854.d	22.60	229395	66.1	379443	1.767	0.089

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG203-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
GN121625A_CC185154	o-Xylene	4	GN2501855.d	45.21	396408	66.1	396764	1.460	-0.1
GN121625A_CC185154	o-Xylene	5	GN2501862.d	114.58	960624	66.1	402330	1.377	-0.15
GN121625A_CC185154	o-Xylene	6	GN2501857.d	226.03	1981547	66.1	365482	1.585	-0.024
GN121625A_CC185154	o-Xylene	7	GN2501858.d	678.09	5821829	66.1	370916	1.529	-0.058
						Avg:	378689	1.623	
						%RSD:	4.0%	11.2%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
GN121625A_CC185154	Benzene	ICV	GN2501859.d	443.05	3664850	56.3	332400	1.402	-3.9%
GN121625A_CC185154	Toluene	ICV	GN2501859.d	453.68	4209275	66.1	382695	1.602	-12.0%
GN121625A_CC185154	Ethylbenzene	ICV	GN2501859.d	448.57	4669816	66.1	382695	1.797	-12.0%
GN121625A_CC185154	m-/p-Xylenes	ICV	GN2501859.d	455.55	3557308	66.1	382695	1.348	-15.0%
GN121625A_CC185154	o-Xylene	ICV	GN2501859.d	456.43	3560083	66.1	382695	1.347	-17.0%

M325B PDF Report ver.20260421

Sample Custody

2026GG203

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Onterris

Page #1 of #1

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Irving Searsport Terminal	**Client Name:**	Onterris Air Quality Services	**PO#:**	
Site Address:	52 Station Ave.	**Project Number:**	PROJ-050105	**Sample Event #**	2026GG203
City:	Searsport	**Project Manager:**	Sabarish Selvarajan	**Sorbent:**	Carbopak-X
State	Maine	**Email Address:**	sabarishselvarajan@onterris.com		
Zip:	04401	**Telephone #:**	973-722-7895		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C16128	S	4/15/26	11:00 AM	4/29/26	10:08 AM	LF/KV		
2	B46160	S	4/15/26	12:05 PM	4/29/26	10:12 AM	LF/KV		
2	C73545	D	4/15/26	12:05 PM	4/29/26	10:12 AM	LF/KV		
2	C01564	B	4/15/26	12:05 PM	4/29/26	10:12 AM	LF/KV		
3	B39455	S	4/15/26	12:00 PM	4/29/26	10:15 AM	LF/KV		
4	C38950	S	4/15/26	11:55 AM	4/29/26	10:18 AM	LF/KV		
5	C36915	S	4/15/26	11:50 AM	4/29/26	10:20 AM	LF/KV		
6	C37433	S	4/15/26	11:45 AM	4/29/26	10:22 AM	LF/KV		
7	C57719	S	4/15/26	11:40 AM	4/29/26	10:24 AM	LF/KV		
8	C43598	S	4/15/26	11:30 AM	4/29/26	10:26 AM	LF/KV		
8	C33442	D	4/15/26	11:30 AM	4/29/26	10:26 AM	LF/KV		
8	C43873	B	4/15/26	11:30 AM	4/29/26	10:26 AM	LF/KV		
9	C71526	S	4/15/26	11:30 AM	4/29/26	10:29 AM	LF/KV		
10	C69740	S	4/15/26	11:28 AM	4/29/26	10:32 AM	LF/KV		
11	C20574	S	4/15/26	11:25 AM	4/29/26	10:34 AM	LF/KV		
12	C43592	S	4/15/26	11:15 AM	4/29/26	9:59 AM	LF/KV		
13	C02208	S	4/15/26	11:10 AM	4/29/26	10:02 AM	LF/KV		
14	B38433	S	4/15/26	11:05 AM	4/29/26	10:05 AM	LF/KV		
15	C40697	S	4/15/26	12:19 PM	4/29/26	11:00 AM	LF/KV		
16	C01403	S	4/15/26	12:23 PM	4/29/26	11:02 AM	LF/KV		
17	C53608	S	4/15/26	12:27 PM	4/29/26	11:04 AM	LF/KV		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Kosta Voukidis	KV		17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Amy Simko		4/30/26	1100 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	Benzene Toluene Ethylbenzene O-xylenes, m-/p-xylenes	Y	
Ice Temp: / **Blank Temp:** 15.1 / Fluke3		Add Custody Seal # below: 23502140	

Comments:

This Is The Last Page Of This Report.

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 43 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 5/14/2026

Analytical Report
2026GG204

EPA Method 325B Analysis

Report Issue Date: 5/22/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matt Cavanaugh
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Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG204-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Onterris/Enthalpy on May 14, 2026 at 20.5 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260429	C71646	Sample
IRVSEA-2-S-20260429	C43336	Sample
IRVSEA-2-D-20260429	C57644	Duplicate
IRVSEA-2-B-20260429	C36916	Blank
IRVSEA-3-S-20260429	C71513	Sample
IRVSEA-4-S-20260429	C71601	Sample
IRVSEA-5-S-20260429	B21073	Sample
IRVSEA-6-S-20260429	B35573	Sample
IRVSEA-7-S-20260429	C65210	Sample
IRVSEA-8-S-20260429	B53299	Sample
IRVSEA-8-D-20260429	B46244	Duplicate
IRVSEA-8-B-20260429	C37509	Blank
IRVSEA-9-S-20260429	C01664	Sample
IRVSEA-10-S-20260429	C36897	Sample
IRVSEA-11-S-20260429	B45100	Sample
IRVSEA-12-S-20260429	C69804	Sample
IRVSEA-13-S-20260429	C36893	Sample
IRVSEA-14-S-20260429	B37532	Sample
IRVSEA-15-S-20260429	C33484	Sample
IRVSEA-16-S-20260429	B52736	Sample
IRVSEA-17-S-20260429	C01620	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG204-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (F121725A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20260429 (tube ID C43336) and its corresponding duplicate IRVSEA-2-D-20260429 (tube ID C57644) failed to meet the 30% difference criterion for m-/p-Xylenes as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for m-/p-Xylenes to denote this failure.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Onterris/Enthalpy, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260429	C71646	0.374	J	0.698		0.277	ND	0.366	J,Pc	0.277	ND
IRVSEA-2-S-20260429	C43336	0.326	J	0.716		0.276	ND	0.287	J,Pc	0.276	ND
IRVSEA-2-D-20260429	C57644	0.339	J	0.758		0.276	ND	0.437	J,Pc	0.276	ND
IRVSEA-2-B-20260429	C36916	0.190	ND	0.244	ND	0.276	ND	0.276	ND,Pc	0.276	ND
IRVSEA-3-S-20260429	C71513	0.463		1.12		0.276	ND	0.580	J,Pc	0.276	ND
IRVSEA-4-S-20260429	C71601	0.524		1.52		0.313	J	0.935	Pc	0.279	J
IRVSEA-5-S-20260429	B21073	0.500		1.56		0.276	ND	0.694	Pc	0.277	J
IRVSEA-6-S-20260429	B35573	0.665		2.12		0.315	J	0.885	Pc	0.342	J
IRVSEA-7-S-20260429	C65210	1.25		5.13		0.837		2.95	Pc	1.15	
IRVSEA-8-S-20260429	B53299	1.50		6.14		0.931		2.89	Pc	1.15	
IRVSEA-8-D-20260429	B46244	1.53		6.38		1.12		3.57	Pc	1.39	
IRVSEA-8-B-20260429	C37509	0.190	ND	0.245	ND	0.276	ND	0.276	ND,Pc	0.276	ND
IRVSEA-9-S-20260429	C01664	0.596		1.79		0.277	ND	0.795	Pc	0.314	J
IRVSEA-10-S-20260429	C36897	0.693		2.52		0.396	J	1.17	Pc	0.434	J
IRVSEA-11-S-20260429	B45100	1.26		5.09		0.840		2.59	Pc	1.03	
IRVSEA-12-S-20260429	C69804	1.14		4.81		0.744		2.66	Pc	1.03	
IRVSEA-13-S-20260429	C36893	0.649		2.38		0.427	J	1.17	Pc	0.451	J
IRVSEA-14-S-20260429	B37532	0.433	J	1.45		0.277	ND	0.583	J,Pc	0.277	ND
IRVSEA-15-S-20260429	C33484	0.213	J	0.369	J	0.276	ND	0.276	ND,Pc	0.276	ND
IRVSEA-16-S-20260429	B52736	0.292	J	0.485	J	0.276	ND	0.276	ND,Pc	0.276	ND
IRVSEA-17-S-20260429	C01620	0.340	J	0.400	J	0.276	ND	0.276	ND,Pc	0.276	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260429	C71646	0.374	0.117	4.92	48.8	0.652	20184	0.190	0.453	0.0595	0.142	J	F2603229.D	2026-05-14 15:19	0.912	7.932	44330	555909	56.3	7.871	9.7%
IRVSEA-2-S-20260429	C43336	0.326	0.102	4.29	48.8	0.652	20227	0.190	0.452	0.0594	0.142	J	F2603230.D	2026-05-14 15:45	0.912	7.932	38657	555930	56.3	7.877	9.8%
IRVSEA-2-D-20260429	C57644	0.339	0.106	4.47	48.8	0.652	20227	0.190	0.452	0.0594	0.142	J	F2603231.D	2026-05-14 16:10	0.912	7.932	40200	554921	56.3	7.877	9.6%
IRVSEA-2-B-20260429	C36916	0.190	0.0594		48.8	0.652	20227	0.190	0.452	0.0594	0.142	ND	F2603228.D	2026-05-14 14:54	0.912	7.932	4001	517863	56.3	7.871	2.2%
IRVSEA-3-S-20260429	C71513	0.463	0.145	6.10	48.8	0.652	20219	0.190	0.452	0.0594	0.142		F2603232.D	2026-05-14 16:36	0.912	7.932	51296	519310	56.3	7.877	2.5%
IRVSEA-4-S-20260429	C71601	0.524	0.164	6.90	48.8	0.652	20213	0.190	0.452	0.0594	0.142		F2603233.D	2026-05-14 17:01	0.912	7.932	55857	499624	56.3	7.871	-1.4%
IRVSEA-5-S-20260429	B21073	0.500	0.157	6.59	48.8	0.652	20208	0.190	0.452	0.0594	0.142		F2603234.D	2026-05-14 17:26	0.912	7.932	57137	535661	56.3	7.877	5.8%
IRVSEA-6-S-20260429	B35573	0.665	0.208	8.76	48.8	0.652	20203	0.190	0.453	0.0594	0.142		F2603235.D	2026-05-14 17:53	0.912	7.932	75480	532182	56.3	7.877	5.1%
IRVSEA-7-S-20260429	C65210	1.25	0.390	16.4	48.8	0.652	20198	0.190	0.453	0.0594	0.142		F2603236.D	2026-05-14 18:18	0.912	7.932	141917	533778	56.3	7.877	5.4%
IRVSEA-8-S-20260429	B53299	1.50	0.470	19.8	48.8	0.652	20194	0.190	0.453	0.0595	0.142		F2603237.D	2026-05-14 18:44	0.912	7.932	170320	532392	56.3	7.871	5.1%
IRVSEA-8-D-20260429	B46244	1.53	0.480	20.2	48.8	0.652	20194	0.190	0.453	0.0595	0.142		F2603238.D	2026-05-14 19:09	0.912	7.932	173820	531575	56.3	7.877	4.9%
IRVSEA-8-B-20260429	C37509	0.190	0.0595		48.8	0.652	20194	0.190	0.453	0.0595	0.142	ND	F2603240.D	2026-05-14 19:58	0.912	7.932	2925	481311	56.3	7.871	-5.0%
IRVSEA-9-S-20260429	C01664	0.596	0.187	7.85	48.8	0.652	20187	0.190	0.453	0.0595	0.142		F2603241.D	2026-05-14 20:24	0.912	7.932	61045	480494	56.3	7.871	-5.1%
IRVSEA-10-S-20260429	C36897	0.693	0.217	9.13	48.8	0.652	20181	0.190	0.453	0.0595	0.142		F2603242.D	2026-05-14 20:49	0.912	7.932	77561	524916	56.3	7.877	3.6%
IRVSEA-11-S-20260429	B45100	1.26	0.396	16.6	48.8	0.652	20177	0.190	0.453	0.0595	0.142		F2603243.D	2026-05-14 21:14	0.912	7.932	141782	526431	56.3	7.877	3.9%
IRVSEA-12-S-20260429	C69804	1.14	0.357	15.0	48.8	0.652	20207	0.190	0.452	0.0594	0.142		F2603244.D	2026-05-14 21:40	0.912	7.932	128186	527508	56.3	7.877	4.1%
IRVSEA-13-S-20260429	C36893	0.649	0.203	8.55	48.8	0.652	20199	0.190	0.453	0.0594	0.142		F2603245.D	2026-05-14 22:06	0.912	7.932	72410	523262	56.3	7.877	3.3%
IRVSEA-14-S-20260429	B37532	0.433	0.136	5.71	48.8	0.652	20193	0.190	0.453	0.0595	0.142	J	F2603246.D	2026-05-14 22:32	0.912	7.932	48302	522850	56.3	7.877	3.2%
IRVSEA-15-S-20260429	C33484	0.213	0.0666	2.80	48.8	0.652	20208	0.190	0.452	0.0594	0.142	J	F2603247.D	2026-05-14 22:57	0.912	7.932	23865	526130	56.3	7.877	3.9%
IRVSEA-16-S-20260429	B52736	0.292	0.0916	3.85	48.8	0.652	20202	0.190	0.453	0.0594	0.142	J	F2603248.D	2026-05-14 23:23	0.912	7.932	32548	521739	56.3	7.877	3.0%
IRVSEA-17-S-20260429	C01620	0.340	0.106	4.48	48.8	0.652	20197	0.190	0.453	0.0594	0.142	J	F2603249.D	2026-05-14 23:48	0.912	7.932	37814	521473	56.3	7.877	3.0%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260429	C71646	0.698	0.185	7.13	48.8	0.506	20184	0.245	0.513	0.0650	0.136		F2603229.D	2026-05-14 15:19	1.104	10.655	65700	551141	66.1	10.563	-7.6%
IRVSEA-2-S-20260429	C43336	0.716	0.190	7.33	48.8	0.506	20227	0.244	0.512	0.0648	0.136		F2603230.D	2026-05-14 15:45	1.104	10.655	73402	599578	66.1	10.557	0.5%
IRVSEA-2-D-20260429	C57644	0.758	0.201	7.76	48.8	0.506	20227	0.244	0.512	0.0648	0.136		F2603231.D	2026-05-14 16:10	1.104	10.655	71466	550886	66.1	10.557	-7.6%
IRVSEA-2-B-20260429	C36916	0.244	0.0648		48.8	0.506	20227	0.244	0.512	0.0648	0.136	ND	F2603228.D	2026-05-14 14:54	1.104	10.655	13067	606035	66.1	10.557	1.6%
IRVSEA-3-S-20260429	C71513	1.12	0.297	11.5	48.8	0.506	20219	0.244	0.512	0.0649	0.136		F2603232.D	2026-05-14 16:36	1.104	10.655	112269	586446	66.1	10.557	-1.7%
IRVSEA-4-S-20260429	C71601	1.52	0.403	15.5	48.8	0.506	20213	0.244	0.512	0.0649	0.136		F2603233.D	2026-05-14 17:01	1.104	10.655	150763	580959	66.1	10.557	-2.6%
IRVSEA-5-S-20260429	B21073	1.56	0.413	15.9	48.8	0.506	20208	0.244	0.512	0.0649	0.136		F2603234.D	2026-05-14 17:26	1.104	10.661	153362	576830	66.1	10.563	-3.3%
IRVSEA-6-S-20260429	B35573	2.12	0.563	21.7	48.8	0.506	20203	0.244	0.512	0.0649	0.136		F2603235.D	2026-05-14 17:53	1.104	10.655	208118	574298	66.1	10.563	-3.7%
IRVSEA-7-S-20260429	C65210	5.13	1.36	52.4	48.8	0.506	20198	0.245	0.512	0.0649	0.136		F2603236.D	2026-05-14 18:18	1.104	10.655	505575	577467	66.1	10.557	-3.2%
IRVSEA-8-S-20260429	B53299	6.14	1.63	62.8	48.8	0.506	20194	0.245	0.512	0.0649	0.136		F2603237.D	2026-05-14 18:44	1.104	10.655	605783	577292	66.1	10.557	-3.2%
IRVSEA-8-D-20260429	B46244	6.38	1.69	65.2	48.8	0.506	20194	0.245	0.512	0.0649	0.136		F2603238.D	2026-05-14 19:09	1.104	10.661	573585	526718	66.1	10.563	-11.7%
IRVSEA-8-B-20260429	C37509	0.245	0.0649		48.8	0.506	20194	0.245	0.512	0.0649	0.136	ND	F2603240.D	2026-05-14 19:58	1.104	10.655	12211	527629	66.1	10.557	-11.5%
IRVSEA-9-S-20260429	C01664	1.79	0.477	18.3	48.8	0.506	20187	0.245	0.513	0.0650	0.136		F2603241.D	2026-05-14 20:24	1.104	10.655	161737	527849	66.1	10.557	-11.5%
IRVSEA-10-S-20260429	C36897	2.52	0.668	25.7	48.8	0.506	20181	0.245	0.513	0.0650	0.136		F2603242.D	2026-05-14 20:49	1.104	10.655	245168	571075	66.1	10.557	-4.2%
IRVSEA-11-S-20260429	B45100	5.09	1.35	51.9	48.8	0.506	20177	0.245	0.513	0.0650	0.136		F2603243.D	2026-05-14 21:14	1.104	10.655	493710	568834	66.1	10.557	-4.6%
IRVSEA-12-S-20260429	C69804	4.81	1.28	49.2	48.8	0.506	20207	0.244	0.512	0.0649	0.136		F2603244.D	2026-05-14 21:40	1.104	10.661	468879	570069	66.1	10.563	-4.4%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260429	C36893	2.38	0.632	24.3	48.8	0.506	20199	0.245	0.512	0.0649	0.136		F2603245.D	2026-05-14 22:06	1.104	10.655	232165	570989	66.1	10.557	-4.3%
IRVSEA-14-S-20260429	B37532	1.45	0.385	14.8	48.8	0.506	20193	0.245	0.512	0.0649	0.136		F2603246.D	2026-05-14 22:32	1.104	10.655	140016	565543	66.1	10.557	-5.2%
IRVSEA-15-S-20260429	C33484	0.369	0.0979	3.77	48.8	0.506	20208	0.244	0.512	0.0649	0.136	J	F2603247.D	2026-05-14 22:57	1.104	10.655	35432	562156	66.1	10.557	-5.7%
IRVSEA-16-S-20260429	B52736	0.485	0.129	4.96	48.8	0.506	20202	0.244	0.512	0.0649	0.136	J	F2603248.D	2026-05-14 23:23	1.104	10.655	46471	560446	66.1	10.557	-6.0%
IRVSEA-17-S-20260429	C01620	0.400	0.106	4.09	48.8	0.506	20197	0.245	0.512	0.0649	0.136	J	F2603249.D	2026-05-14 23:48	1.104	10.661	38334	561510	66.1	10.563	-5.8%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260429	C71646	0.277	0.0637		48.8	0.448	20184	0.277	0.602	0.0637	0.139	ND	F2603229.D	2026-05-14 15:19	1.197	12.845	10446	551141	66.1	10.563	-7.6%
IRVSEA-2-S-20260429	C43336	0.276	0.0636		48.8	0.448	20227	0.276	0.601	0.0636	0.138	ND	F2603230.D	2026-05-14 15:45	1.197	12.845	10088	599578	66.1	10.557	0.5%
IRVSEA-2-D-20260429	C57644	0.276	0.0636		48.8	0.448	20227	0.276	0.601	0.0636	0.138	ND	F2603231.D	2026-05-14 16:10	1.197	12.839	12337	550886	66.1	10.557	-7.6%
IRVSEA-2-B-20260429	C36916	0.276	0.0636		48.8	0.448	20227	0.276	0.601	0.0636	0.138	ND	F2603228.D	2026-05-14 14:54	1.197	12.845	1165	606035	66.1	10.557	1.6%
IRVSEA-3-S-20260429	C71513	0.276	0.0636		48.8	0.448	20219	0.276	0.601	0.0636	0.139	ND	F2603232.D	2026-05-14 16:36	1.197	12.839	19005	586446	66.1	10.557	-1.7%
IRVSEA-4-S-20260429	C71601	0.313	0.0721	2.83	48.8	0.448	20213	0.276	0.601	0.0637	0.139	J	F2603233.D	2026-05-14 17:01	1.197	12.839	29796	580959	66.1	10.557	-2.6%
IRVSEA-5-S-20260429	B21073	0.276	0.0637		48.8	0.448	20208	0.276	0.602	0.0637	0.139	ND	F2603234.D	2026-05-14 17:26	1.197	12.839	23293	576830	66.1	10.563	-3.3%
IRVSEA-6-S-20260429	B35573	0.315	0.0727	2.85	48.8	0.448	20203	0.276	0.602	0.0637	0.139	J	F2603235.D	2026-05-14 17:53	1.197	12.839	29681	574298	66.1	10.563	-3.7%
IRVSEA-7-S-20260429	C65210	0.837	0.193	7.57	48.8	0.448	20198	0.276	0.602	0.0637	0.139		F2603236.D	2026-05-14 18:18	1.197	12.839	79198	577467	66.1	10.557	-3.2%
IRVSEA-8-S-20260429	B53299	0.931	0.215	8.42	48.8	0.448	20194	0.276	0.602	0.0637	0.139		F2603237.D	2026-05-14 18:44	1.197	12.839	88051	577292	66.1	10.557	-3.2%
IRVSEA-8-D-20260429	B46244	1.12	0.257	10.1	48.8	0.448	20194	0.276	0.602	0.0637	0.139		F2603238.D	2026-05-14 19:09	1.197	12.845	96317	526718	66.1	10.563	-11.7%
IRVSEA-8-B-20260429	C37509	0.276	0.0637		48.8	0.448	20194	0.276	0.602	0.0637	0.139	ND	F2603240.D	2026-05-14 19:58	1.197	12.839	1035	527629	66.1	10.557	-11.5%
IRVSEA-9-S-20260429	C01664	0.277	0.0637		48.8	0.448	20187	0.277	0.602	0.0637	0.139	ND	F2603241.D	2026-05-14 20:24	1.197	12.839	23603	527849	66.1	10.557	-11.5%
IRVSEA-10-S-20260429	C36897	0.396	0.0913	3.58	48.8	0.448	20181	0.277	0.602	0.0638	0.139	J	F2603242.D	2026-05-14 20:49	1.197	12.845	37053	571075	66.1	10.557	-4.2%
IRVSEA-11-S-20260429	B45100	0.840	0.194	7.59	48.8	0.448	20177	0.277	0.602	0.0638	0.139		F2603243.D	2026-05-14 21:14	1.197	12.839	78183	568834	66.1	10.557	-4.6%
IRVSEA-12-S-20260429	C69804	0.744	0.171	6.73	48.8	0.448	20207	0.276	0.602	0.0637	0.139		F2603244.D	2026-05-14 21:40	1.197	12.839	69533	570069	66.1	10.563	-4.4%
IRVSEA-13-S-20260429	C36893	0.427	0.0985	3.87	48.8	0.448	20199	0.276	0.602	0.0637	0.139	J	F2603245.D	2026-05-14 22:06	1.197	12.845	39982	570989	66.1	10.557	-4.3%
IRVSEA-14-S-20260429	B37532	0.277	0.0637		48.8	0.448	20193	0.277	0.602	0.0637	0.139	ND	F2603246.D	2026-05-14 22:32	1.197	12.839	19549	565543	66.1	10.557	-5.2%
IRVSEA-15-S-20260429	C33484	0.276	0.0637		48.8	0.448	20208	0.276	0.602	0.0637	0.139	ND	F2603247.D	2026-05-14 22:57	1.197	12.839	4297	562156	66.1	10.557	-5.7%
IRVSEA-16-S-20260429	B52736	0.276	0.0637		48.8	0.448	20202	0.276	0.602	0.0637	0.139	ND	F2603248.D	2026-05-14 23:23	1.197	12.839	4116	560446	66.1	10.557	-6.0%
IRVSEA-17-S-20260429	C01620	0.276	0.0637		48.8	0.448	20197	0.276	0.602	0.0637	0.139	ND	F2603249.D	2026-05-14 23:48	1.197	12.845	3638	561510	66.1	10.563	-5.8%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260429	C71646	0.366	0.0844	3.31	48.8	0.448	20184	0.277	0.675	0.0637	0.156	J,Pc	F2603229.D	2026-05-14 15:19	0.994	13.016	27436	551141	66.1	10.563	-7.6%
IRVSEA-2-S-20260429	C43336	0.287	0.0661	2.60	48.8	0.448	20227	0.276	0.674	0.0636	0.155	J,Pc	F2603230.D	2026-05-14 15:45	0.994	13.016	23427	599578	66.1	10.557	0.5%
IRVSEA-2-D-20260429	C57644	0.437	0.101	3.96	48.8	0.448	20227	0.276	0.674	0.0636	0.155	J,Pc	F2603231.D	2026-05-14 16:10	0.994	13.016	32773	550886	66.1	10.557	-7.6%
IRVSEA-2-B-20260429	C36916	0.276	0.0636		48.8	0.448	20227	0.276	0.674	0.0636	0.155	ND,Pc	F2603228.D	2026-05-14 14:54	0.994	13.035	575	606035	66.1	10.557	1.6%
IRVSEA-3-S-20260429	C71513	0.580	0.134	5.25	48.8	0.448	20219	0.276	0.674	0.0636	0.155	J,Pc	F2603232.D	2026-05-14 16:36	0.994	13.016	46310	586446	66.1	10.557	-1.7%
IRVSEA-4-S-20260429	C71601	0.935	0.216	8.47	48.8	0.448	20213	0.276	0.674	0.0637	0.155	Pc	F2603233.D	2026-05-14 17:01	0.994	13.016	73973	580959	66.1	10.557	-2.6%
IRVSEA-5-S-20260429	B21073	0.694	0.160	6.28	48.8	0.448	20208	0.276	0.674	0.0637	0.155	Pc	F2603234.D	2026-05-14 17:26	0.994	13.016	54448	576830	66.1	10.563	-3.3%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260429	B35573	0.885	0.204	8.01	48.8	0.448	20203	0.276	0.674	0.0637	0.155	Pc	F2603235.D	2026-05-14 17:53	0.994	13.016	69165	574298	66.1	10.563	-3.7%
IRVSEA-7-S-20260429	C65210	2.95	0.681	26.7	48.8	0.448	20198	0.276	0.675	0.0637	0.155	Pc	F2603236.D	2026-05-14 18:18	0.994	13.016	232111	577467	66.1	10.557	-3.2%
IRVSEA-8-S-20260429	B53299	2.89	0.667	26.2	48.8	0.448	20194	0.276	0.675	0.0637	0.155	Pc	F2603237.D	2026-05-14 18:44	0.994	13.016	227184	577292	66.1	10.557	-3.2%
IRVSEA-8-D-20260429	B46244	3.57	0.824	32.3	48.8	0.448	20194	0.276	0.675	0.0637	0.155	Pc	F2603238.D	2026-05-14 19:09	0.994	13.016	256073	526718	66.1	10.563	-11.7%
IRVSEA-8-B-20260429	C37509	0.276	0.0637		48.8	0.448	20194	0.276	0.675	0.0637	0.155	ND,Pc	F2603240.D	2026-05-14 19:58	0.994	13.028	959	527629	66.1	10.557	-11.5%
IRVSEA-9-S-20260429	C01664	0.795	0.183	7.18	48.8	0.448	20187	0.277	0.675	0.0637	0.156	Pc	F2603241.D	2026-05-14 20:24	0.994	13.016	57028	527849	66.1	10.557	-11.5%
IRVSEA-10-S-20260429	C36897	1.17	0.271	10.6	48.8	0.448	20181	0.277	0.675	0.0638	0.156	Pc	F2603242.D	2026-05-14 20:49	0.994	13.016	91118	571075	66.1	10.557	-4.2%
IRVSEA-11-S-20260429	B45100	2.59	0.597	23.4	48.8	0.448	20177	0.277	0.675	0.0638	0.156	Pc	F2603243.D	2026-05-14 21:14	0.994	13.016	200355	568834	66.1	10.557	-4.6%
IRVSEA-12-S-20260429	C69804	2.66	0.613	24.1	48.8	0.448	20207	0.276	0.674	0.0637	0.155	Pc	F2603244.D	2026-05-14 21:40	0.994	13.016	206459	570069	66.1	10.563	-4.4%
IRVSEA-13-S-20260429	C36893	1.17	0.269	10.5	48.8	0.448	20199	0.276	0.674	0.0637	0.155	Pc	F2603245.D	2026-05-14 22:06	0.994	13.016	90504	570989	66.1	10.557	-4.3%
IRVSEA-14-S-20260429	B37532	0.583	0.134	5.27	48.8	0.448	20193	0.277	0.675	0.0637	0.155	J,Pc	F2603246.D	2026-05-14 22:32	0.994	13.016	44849	565543	66.1	10.557	-5.2%
IRVSEA-15-S-20260429	C33484	0.276	0.0637		48.8	0.448	20208	0.276	0.674	0.0637	0.155	ND,Pc	F2603247.D	2026-05-14 22:57	0.994	13.022	7202	562156	66.1	10.557	-5.7%
IRVSEA-16-S-20260429	B52736	0.276	0.0637		48.8	0.448	20202	0.276	0.674	0.0637	0.155	ND,Pc	F2603248.D	2026-05-14 23:23	0.994	13.016	6221	560446	66.1	10.557	-6.0%
IRVSEA-17-S-20260429	C01620	0.276	0.0637		48.8	0.448	20197	0.276	0.675	0.0637	0.155	ND,Pc	F2603249.D	2026-05-14 23:48	0.994	13.016	6688	561510	66.1	10.563	-5.8%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260429	C71646	0.277	0.0637		48.8	0.448	20184	0.277	0.628	0.0637	0.145	ND	F2603229.D	2026-05-14 15:19	1.012	13.524	11002	551141	66.1	10.563	-7.6%
IRVSEA-2-S-20260429	C43336	0.276	0.0636		48.8	0.448	20227	0.276	0.626	0.0636	0.144	ND	F2603230.D	2026-05-14 15:45	1.012	13.524	8512	599578	66.1	10.557	0.5%
IRVSEA-2-D-20260429	C57644	0.276	0.0636		48.8	0.448	20227	0.276	0.626	0.0636	0.144	ND	F2603231.D	2026-05-14 16:10	1.012	13.524	12422	550886	66.1	10.557	-7.6%
IRVSEA-2-B-20260429	C36916	0.276	0.0636		48.8	0.448	20227	0.276	0.626	0.0636	0.144	ND	F2603228.D	2026-05-14 14:54	1.012	13.524	513	606035	66.1	10.557	1.6%
IRVSEA-3-S-20260429	C71513	0.276	0.0636		48.8	0.448	20219	0.276	0.627	0.0636	0.144	ND	F2603232.D	2026-05-14 16:36	1.012	13.524	15114	586446	66.1	10.557	-1.7%
IRVSEA-4-S-20260429	C71601	0.279	0.0643	2.53	48.8	0.448	20213	0.276	0.627	0.0637	0.144	J	F2603233.D	2026-05-14 17:01	1.012	13.524	22479	580959	66.1	10.557	-2.6%
IRVSEA-5-S-20260429	B21073	0.277	0.0638	2.51	48.8	0.448	20208	0.276	0.627	0.0637	0.144	J	F2603234.D	2026-05-14 17:26	1.012	13.524	22138	576830	66.1	10.563	-3.3%
IRVSEA-6-S-20260429	B35573	0.342	0.0788	3.09	48.8	0.448	20203	0.276	0.627	0.0637	0.145	J	F2603235.D	2026-05-14 17:53	1.012	13.524	27205	574298	66.1	10.563	-3.7%
IRVSEA-7-S-20260429	C65210	1.15	0.265	10.4	48.8	0.448	20198	0.276	0.627	0.0637	0.145		F2603236.D	2026-05-14 18:18	1.012	13.524	91855	577467	66.1	10.557	-3.2%
IRVSEA-8-S-20260429	B53299	1.15	0.265	10.4	48.8	0.448	20194	0.276	0.627	0.0637	0.145		F2603237.D	2026-05-14 18:44	1.012	13.524	91977	577292	66.1	10.557	-3.2%
IRVSEA-8-D-20260429	B46244	1.39	0.321	12.6	48.8	0.448	20194	0.276	0.627	0.0637	0.145		F2603238.D	2026-05-14 19:09	1.012	13.524	101659	526718	66.1	10.563	-11.7%
IRVSEA-8-B-20260429	C37509	0.276	0.0637		48.8	0.448	20194	0.276	0.627	0.0637	0.145	ND	F2603240.D	2026-05-14 19:58	1.012	13.518	586	527629	66.1	10.557	-11.5%
IRVSEA-9-S-20260429	C01664	0.314	0.0723	2.84	48.8	0.448	20187	0.277	0.628	0.0637	0.145	J	F2603241.D	2026-05-14 20:24	1.012	13.524	22936	527849	66.1	10.557	-11.5%
IRVSEA-10-S-20260429	C36897	0.434	0.100	3.92	48.8	0.448	20181	0.277	0.628	0.0638	0.145	J	F2603242.D	2026-05-14 20:49	1.012	13.524	34312	571075	66.1	10.557	-4.2%
IRVSEA-11-S-20260429	B45100	1.03	0.238	9.34	48.8	0.448	20177	0.277	0.628	0.0638	0.145		F2603243.D	2026-05-14 21:14	1.012	13.524	81366	568834	66.1	10.557	-4.6%
IRVSEA-12-S-20260429	C69804	1.03	0.237	9.31	48.8	0.448	20207	0.276	0.627	0.0637	0.144		F2603244.D	2026-05-14 21:40	1.012	13.518	81307	570069	66.1	10.563	-4.4%
IRVSEA-13-S-20260429	C36893	0.451	0.104	4.08	48.8	0.448	20199	0.276	0.627	0.0637	0.145	J	F2603245.D	2026-05-14 22:06	1.012	13.524	35650	570989	66.1	10.557	-4.3%
IRVSEA-14-S-20260429	B37532	0.277	0.0637		48.8	0.448	20193	0.277	0.627	0.0637	0.145	ND	F2603246.D	2026-05-14 22:32	1.012	13.524	17561	565543	66.1	10.557	-5.2%
IRVSEA-15-S-20260429	C33484	0.276	0.0637		48.8	0.448	20208	0.276	0.627	0.0637	0.144	ND	F2603247.D	2026-05-14 22:57	1.012	13.524	3084	562156	66.1	10.557	-5.7%
IRVSEA-16-S-20260429	B52736	0.276	0.0637		48.8	0.448	20202	0.276	0.627	0.0637	0.145	ND	F2603248.D	2026-05-14 23:23	1.012	13.524	2463	560446	66.1	10.557	-6.0%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260429	C01620	0.276	0.0637		48.8	0.448	20197	0.276	0.627	0.0637	0.145	ND	F2603249.D	2026-05-14 23:48	1.012	13.518	2773	561510	66.1	10.563	-5.8%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260429	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260429	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260429	4.1%	Pass	5.8%	Pass	ND	Pass	41%	Fail	ND	Pass
	IRVSEA-8-D-20260429	2.2%	Pass	3.7%	Pass	18%	Pass	21%	Pass	19%	Pass

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603226.D	C55721	Cal	0.912	0.904	0.912	0.95%	-6.3%		Pass	
2026GG204 Method Blank 1	F2603227.D	C16282	Blank		0.904	0.912			12%	Pass	ND
M325B CCV 5 REC	F2603239.D	C43375	Check	0.901	0.904	0.912	-0.30%		-9.9%	Pass	
M325B CCV 5 REC	F2603250.D	C32838	Check	0.885	0.904	0.912	-2.0%		-24%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603226.D	C55721	Cal	1.104	1.091	1.104	1.2%	-4.5%		Pass	
2026GG204 Method Blank 1	F2603227.D	C16282	Blank		1.091	1.104			3.5%	Pass	ND
M325B CCV 5 REC	F2603239.D	C43375	Check	1.031	1.091	1.104	-5.5%		-17%	Pass	
M325B CCV 5 REC	F2603250.D	C32838	Check	1.068	1.091	1.104	-2.1%		-31%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603226.D	C55721	Cal	1.197	1.150	1.197	4.1%	-4.5%		Pass	
2026GG204 Method Blank 1	F2603227.D	C16282	Blank		1.150	1.197			3.5%	Pass	ND
M325B CCV 5 REC	F2603239.D	C43375	Check	1.080	1.150	1.197	-6.1%		-17%	Pass	
M325B CCV 5 REC	F2603250.D	C32838	Check	1.261	1.150	1.197	9.7%		-31%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603226.D	C55721	Cal	0.994	0.940	0.994	5.7%	-4.5%		Pass	
2026GG204 Method Blank 1	F2603227.D	C16282	Blank		0.940	0.994			3.5%	Pass	ND
M325B CCV 5 REC	F2603239.D	C43375	Check	0.868	0.940	0.994	-7.7%		-17%	Pass	
M325B CCV 5 REC	F2603250.D	C32838	Check	1.037	0.940	0.994	10%		-31%	Pass	

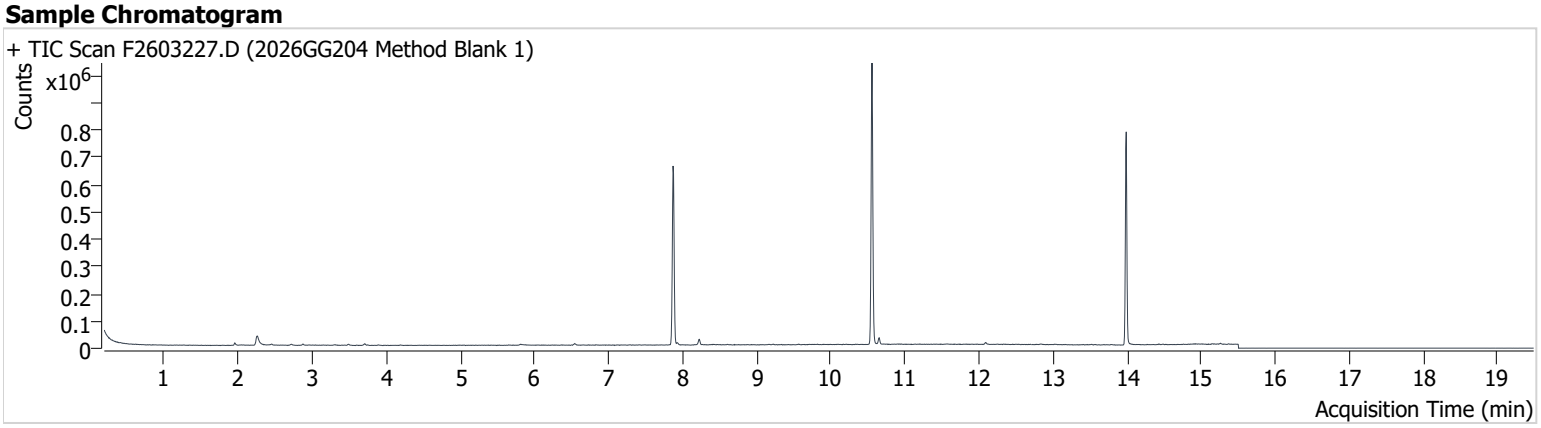
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603226.D	C55721	Cal	1.012	0.944	1.012	7.3%	-4.5%		Pass	
2026GG204 Method Blank 1	F2603227.D	C16282	Blank		0.944	1.012			3.5%	Pass	ND
M325B CCV 5 REC	F2603239.D	C43375	Check	0.880	0.944	1.012	-6.7%		-17%	Pass	
M325B CCV 5 REC	F2603250.D	C32838	Check	1.045	0.944	1.012	11%		-31%	Pass	

Chromatograms

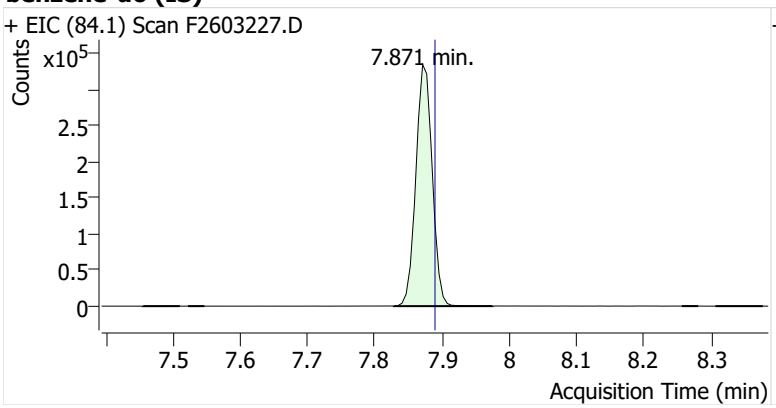
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

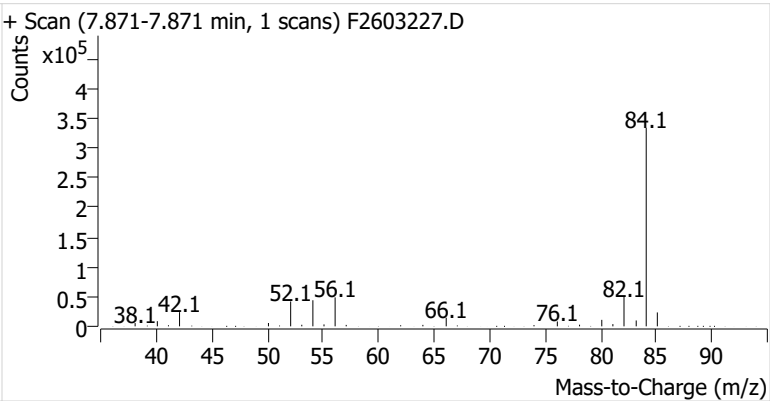
Sample Chromatogram



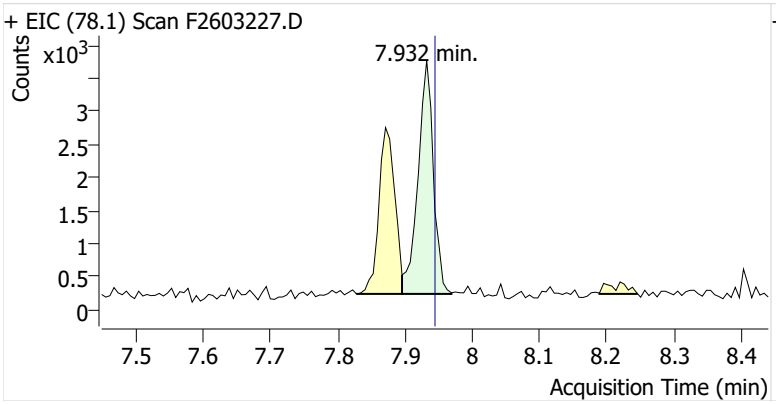
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	565,378	
Benzene	benzene-d6 (IS)	7.932	7.945	5,626	
Toluene-d8 (IS)		10.557	10.569	617,285	
Toluene	Toluene-d8 (IS)	10.655	10.667	15,287	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	1,635	
m-/p-Xylenes	Toluene-d8 (IS)	13.034	13.028	970	m
o-Xylene	Toluene-d8 (IS)	13.524	13.530	820	

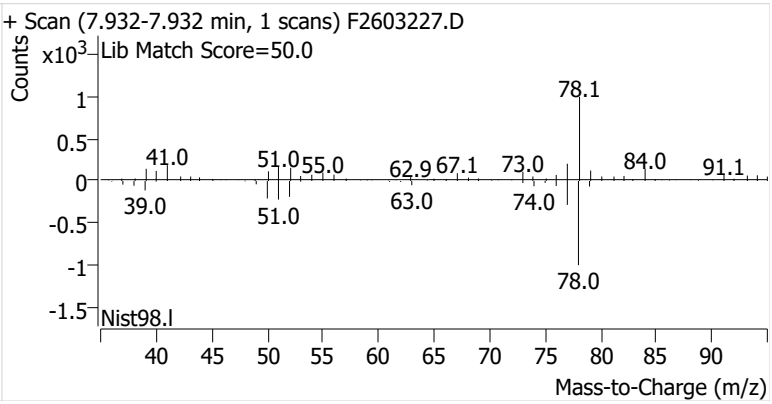
benzene-d6 (IS)



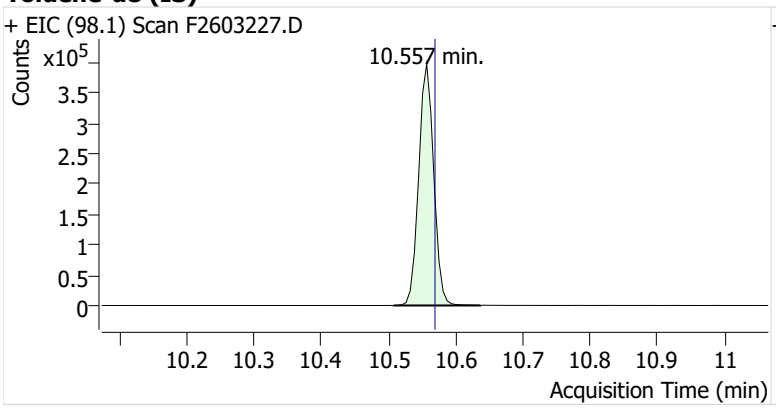


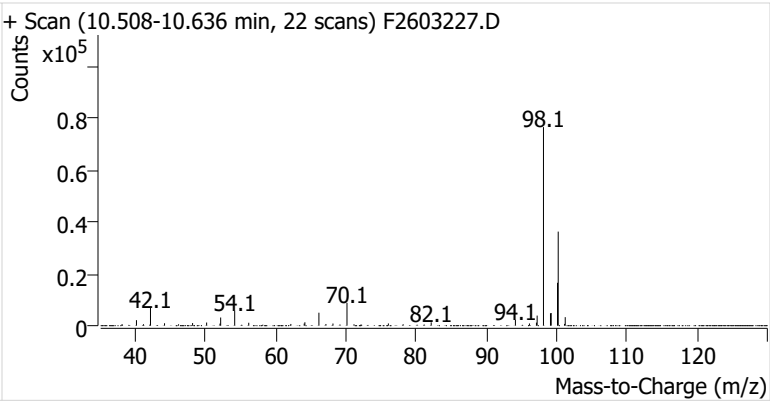
Benzene



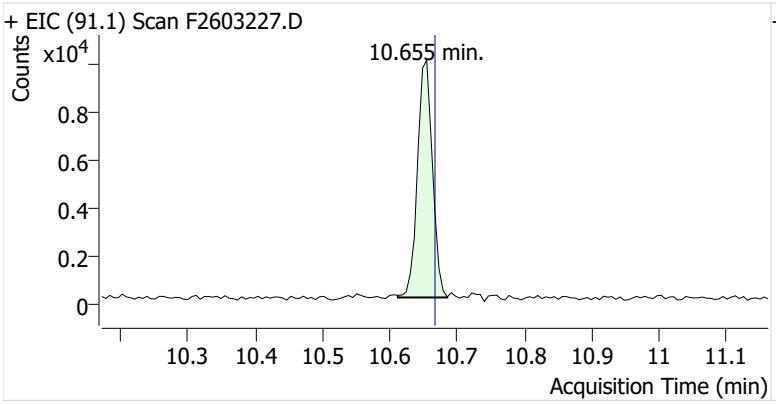


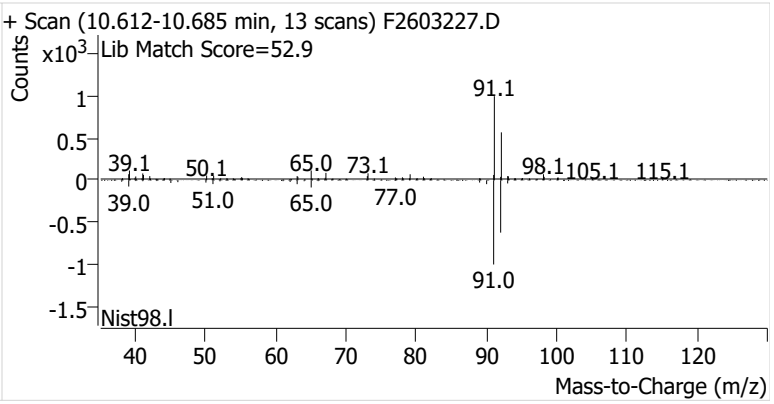
Toluene-d8 (IS)



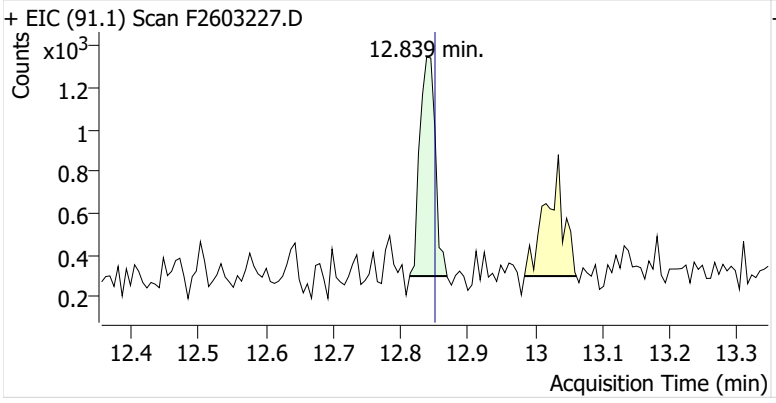


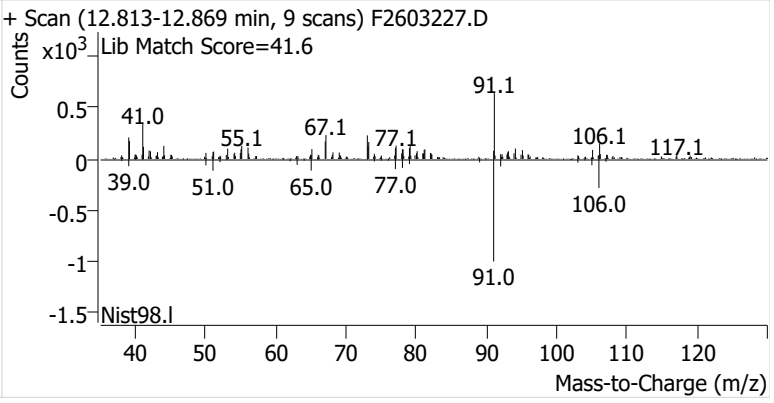
Toluene



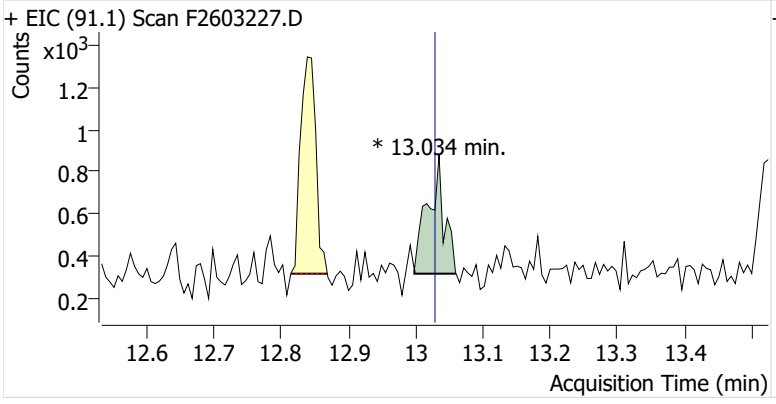


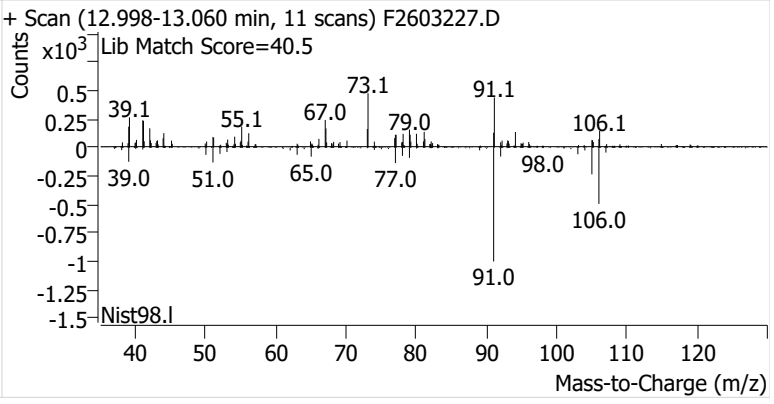
Ethylbenzene



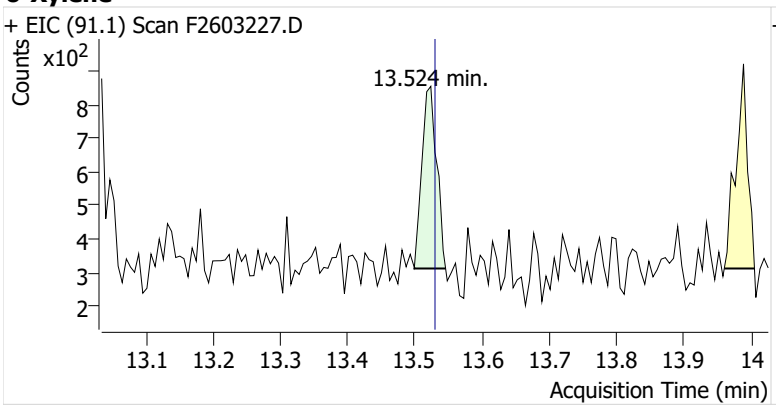


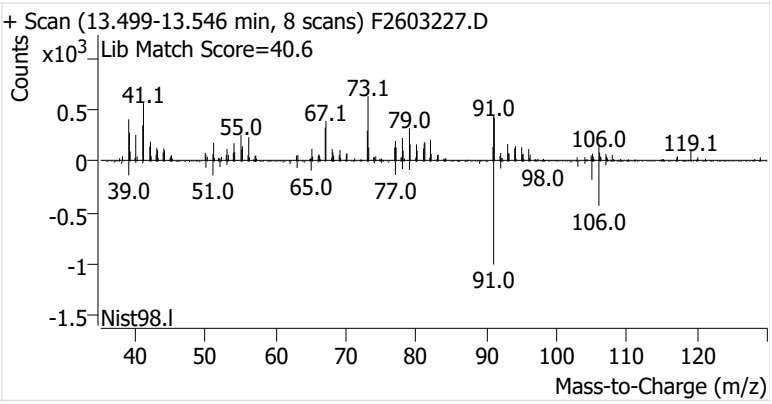
m-/p-Xylenes





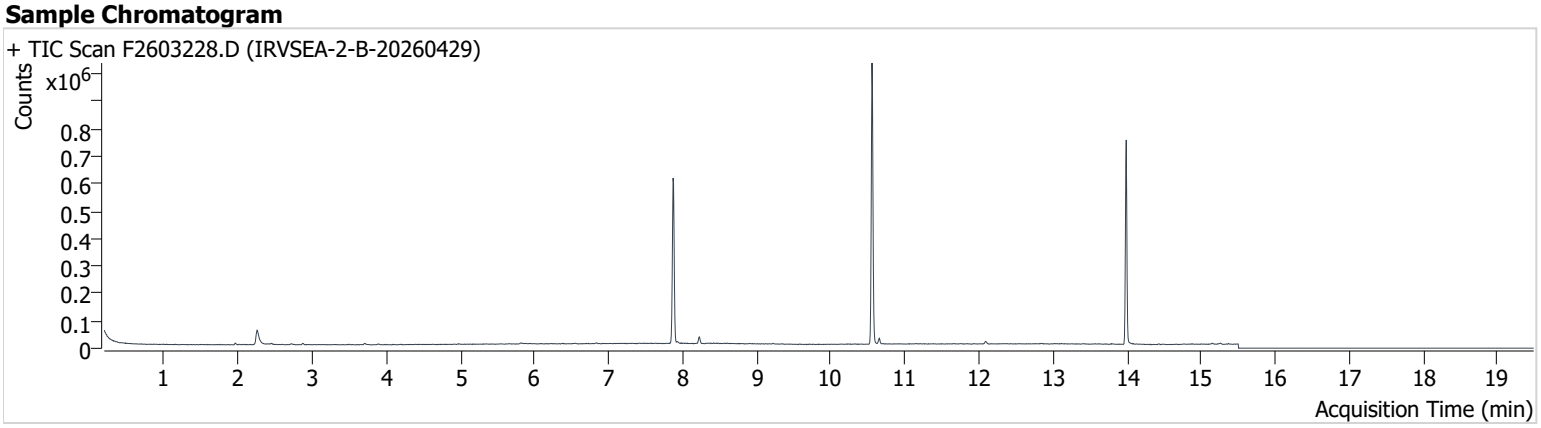
o-Xylene


+ EIC (91.1) Scan F2603227.D
Counts
x10^2
13.524 min.
Acquisition Time (min)


+ Scan (13.499-13.546 min, 8 scans) F2603227.D
Counts
x10^3
Lib Match Score=40.6
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73.1
79.0
91.0
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Mass-to-Charge (m/z)

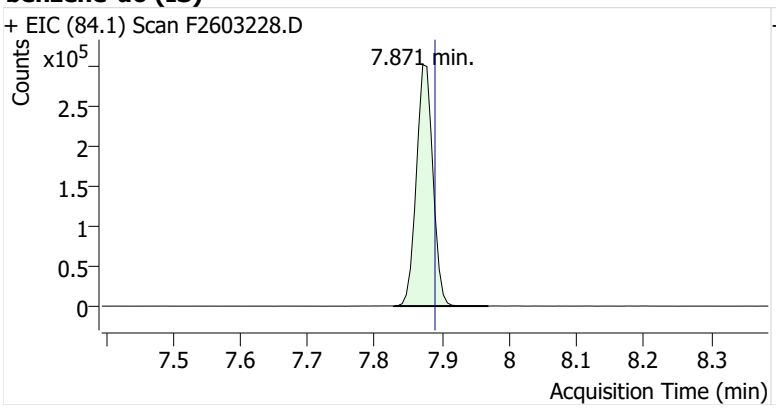
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

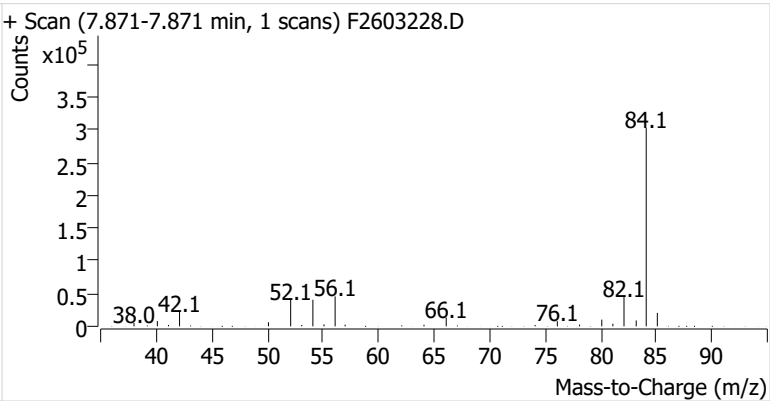
Sample Chromatogram



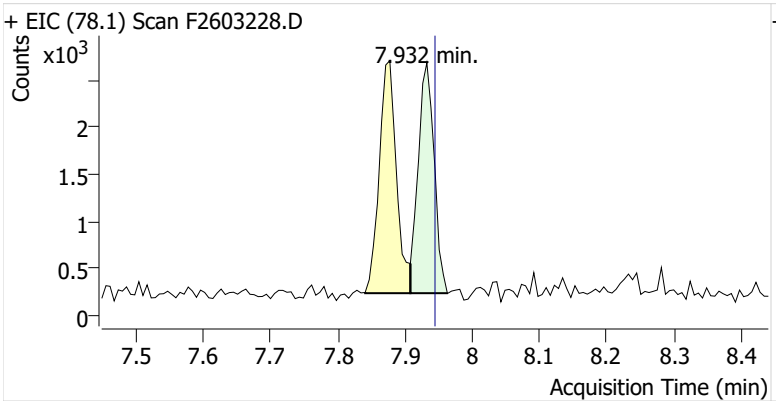
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	517,863	
Benzene	benzene-d6 (IS)	7.932	7.945	4,001	
Toluene-d8 (IS)		10.557	10.569	606,035	
Toluene	Toluene-d8 (IS)	10.655	10.667	13,067	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	1,165	
m-/p-Xylenes	Toluene-d8 (IS)	13.035	13.028	575	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	513	

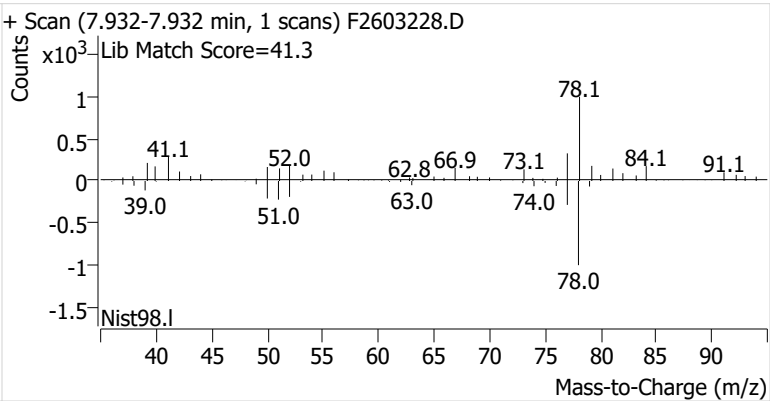
benzene-d6 (IS)



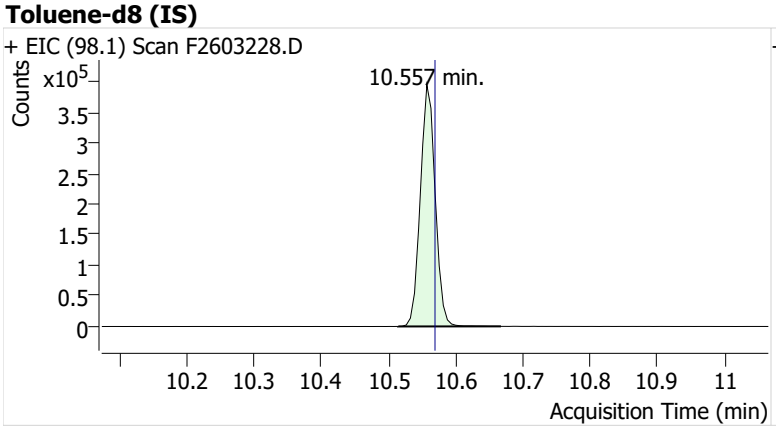


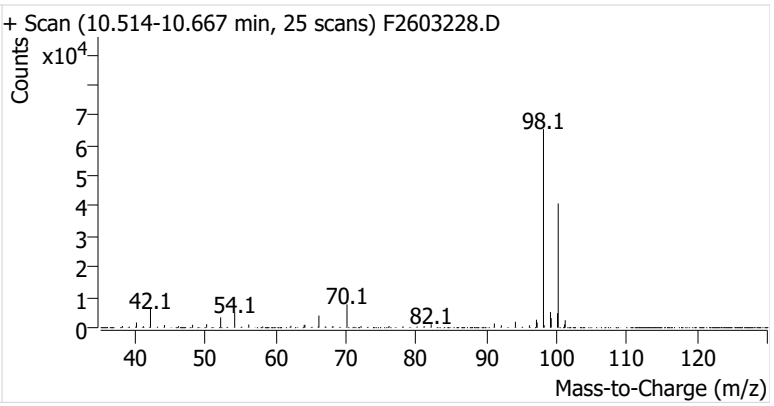
Benzene



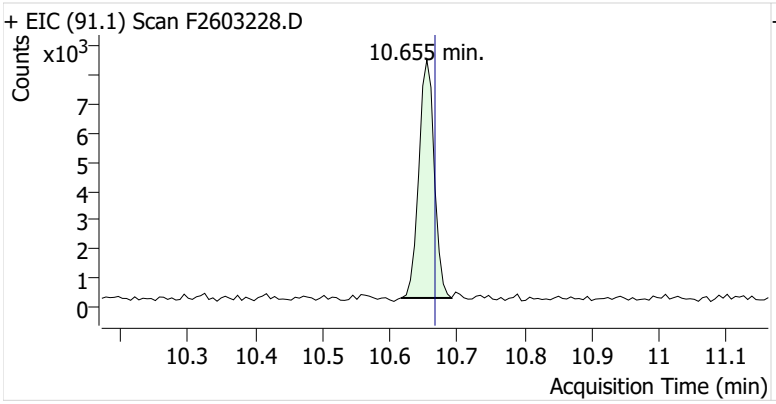


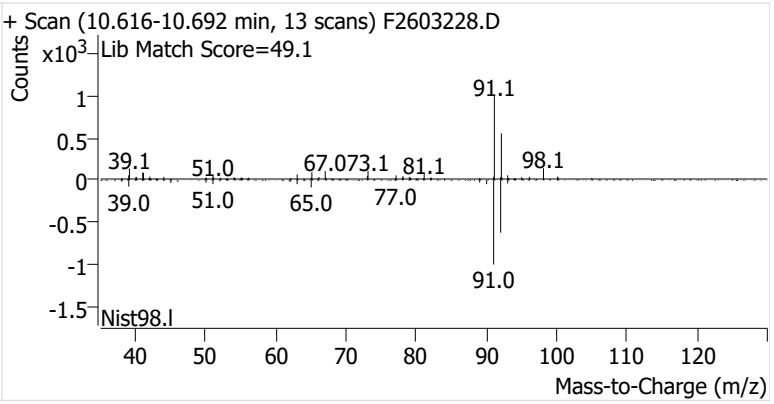
Toluene-d8 (IS)



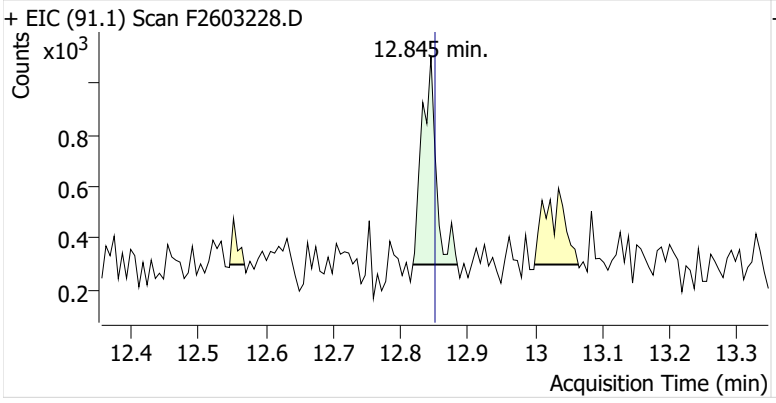


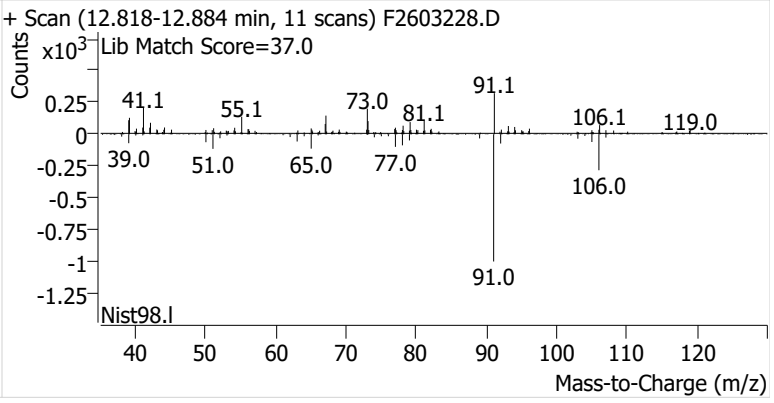
Toluene



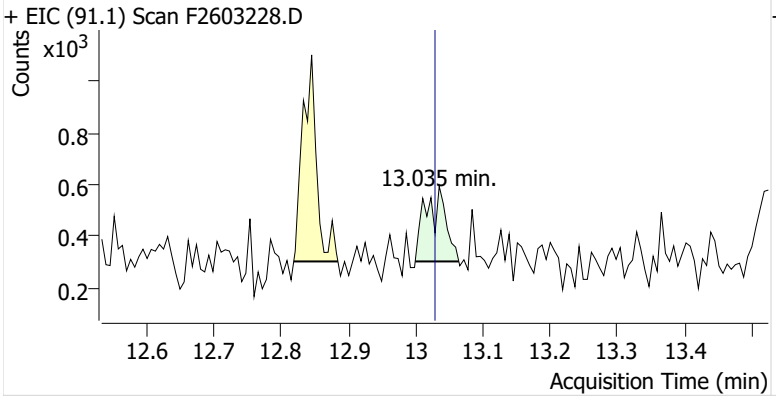


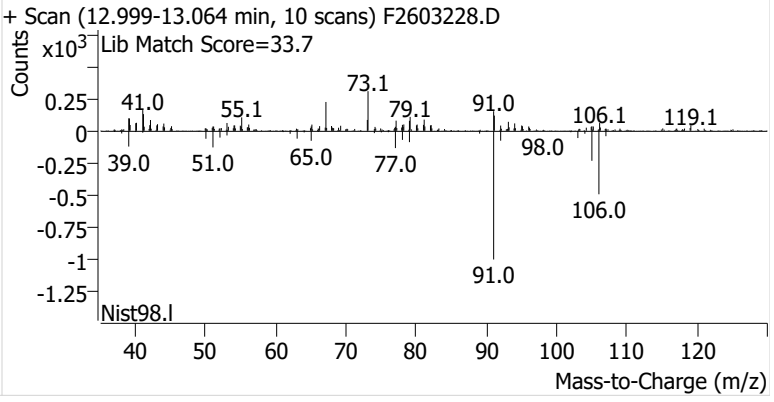
Ethylbenzene



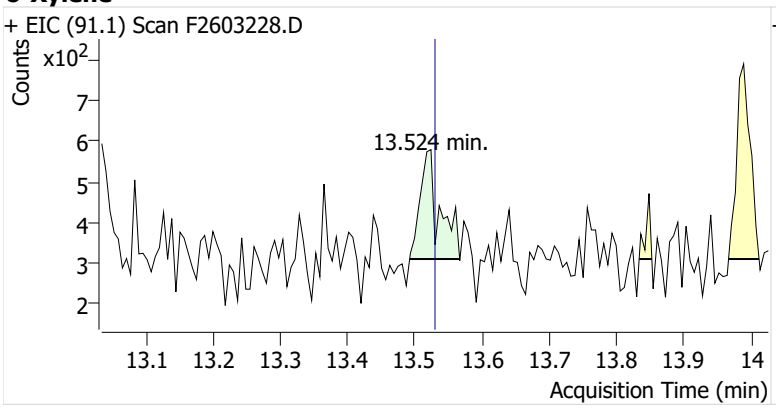


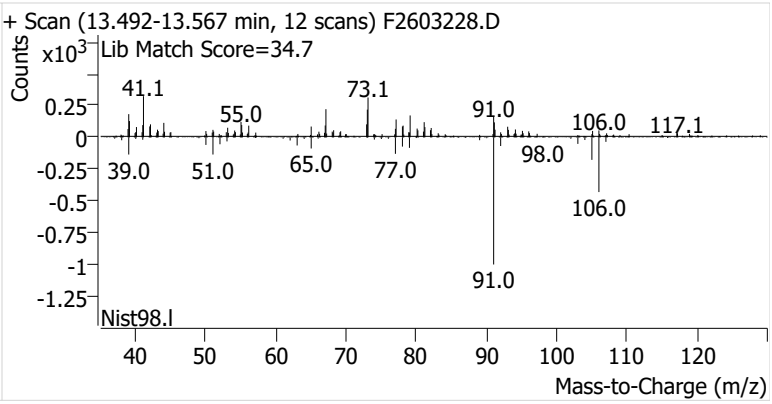
m-/p-Xylenes





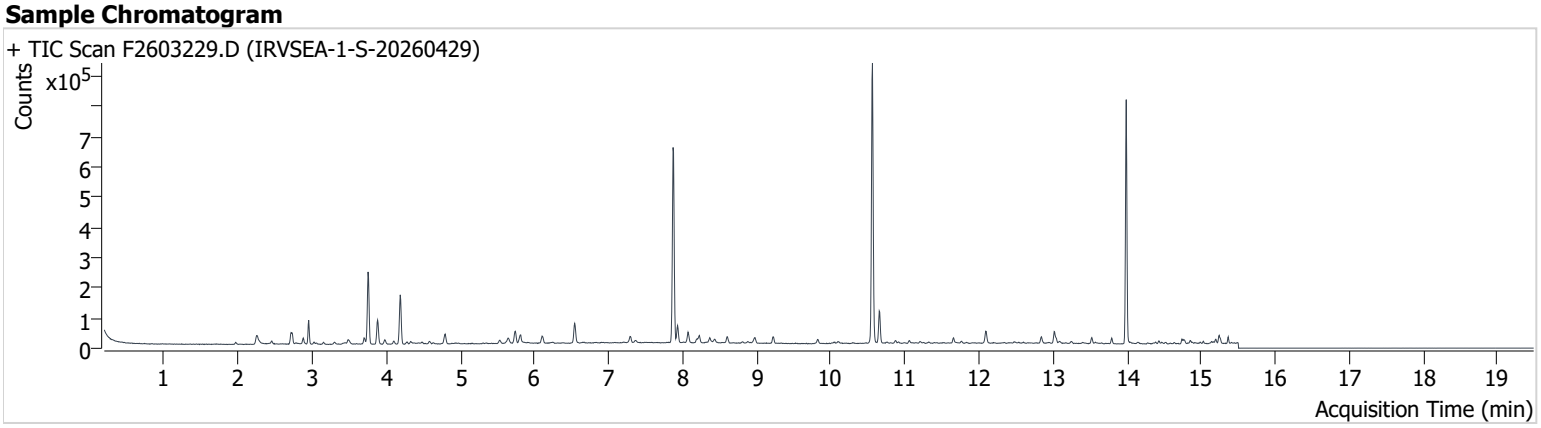
o-Xylene


+ EIC (91.1) Scan F2603228.D
Counts
x10^2
13.524 min.
Acquisition Time (min)


+ Scan (13.492-13.567 min, 12 scans) F2603228.D
Counts
x10^3
Lib Match Score=34.7
41.1
55.0
73.1
91.0
106.0
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

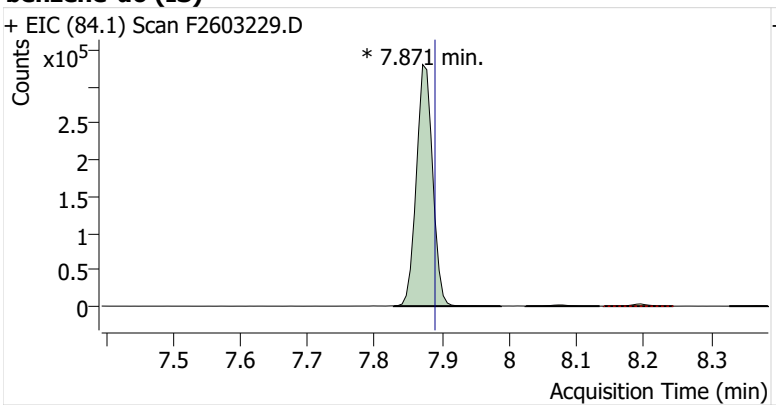
Name	IRVSEA-1-S-20260429
Comment	C71646
Data File	F2603229.D
Acq. Date-Time	5/14/2026 3:19:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

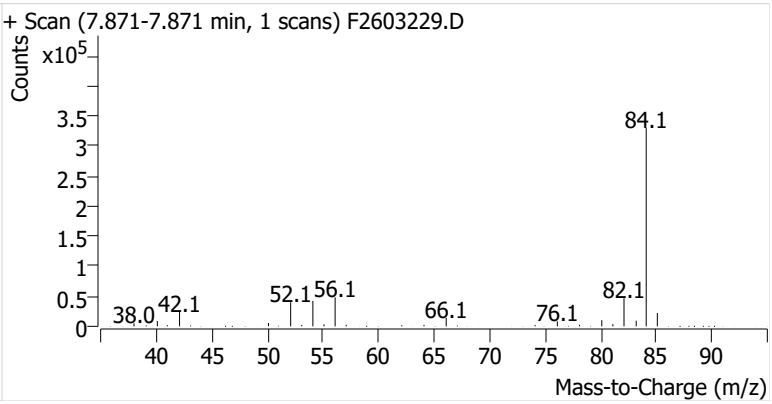
Sample Chromatogram



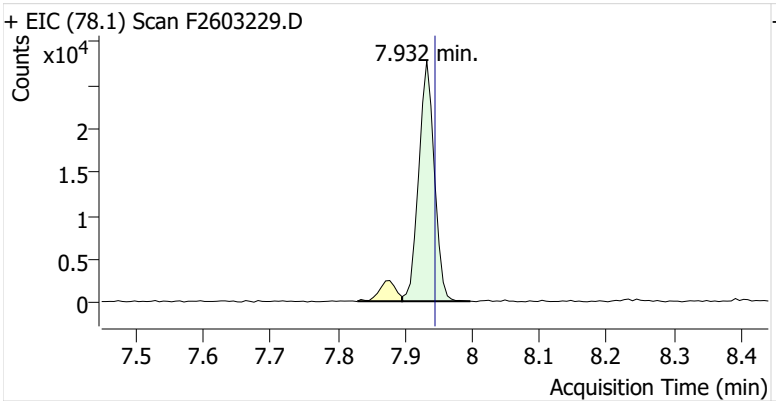
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	555,909	m
Benzene	benzene-d6 (IS)	7.932	7.945	44,330	
Toluene-d8 (IS)		10.563	10.569	551,141	
Toluene	Toluene-d8 (IS)	10.655	10.667	65,700	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,446	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	27,436	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	11,002	

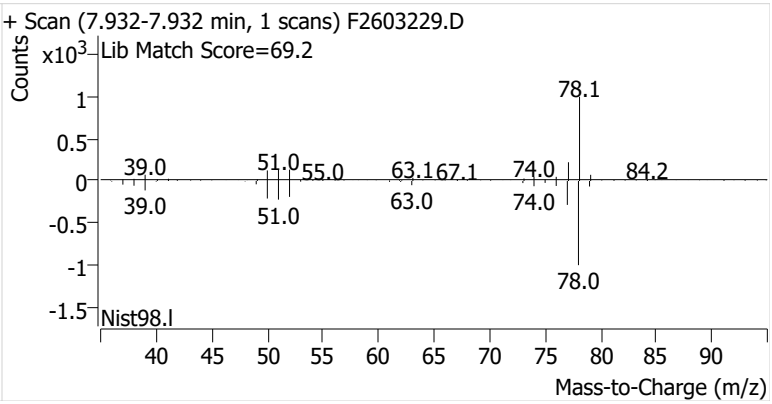
benzene-d6 (IS)



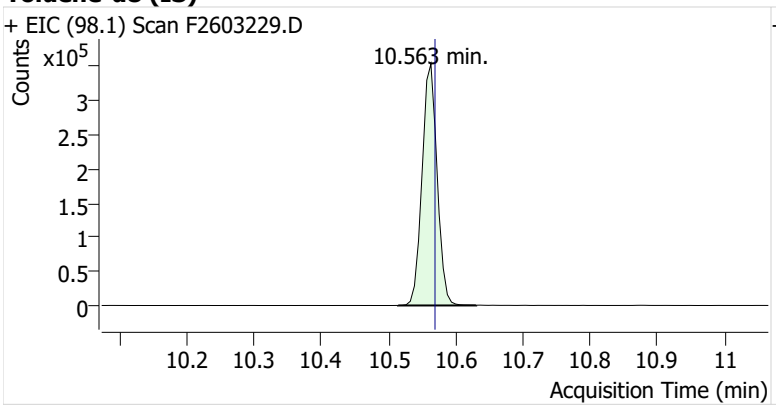


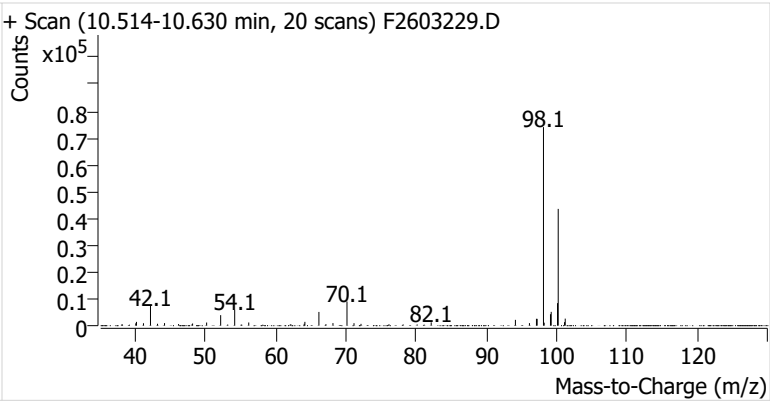
Benzene



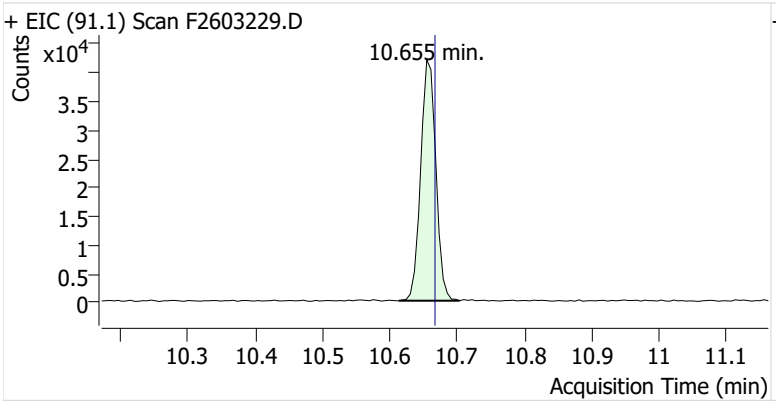


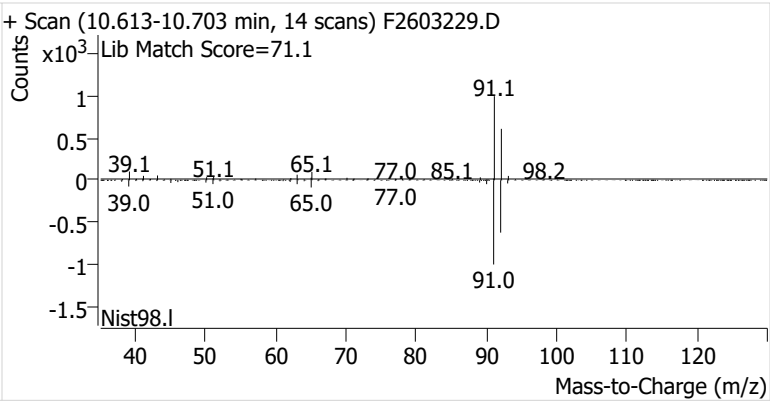
Toluene-d8 (IS)



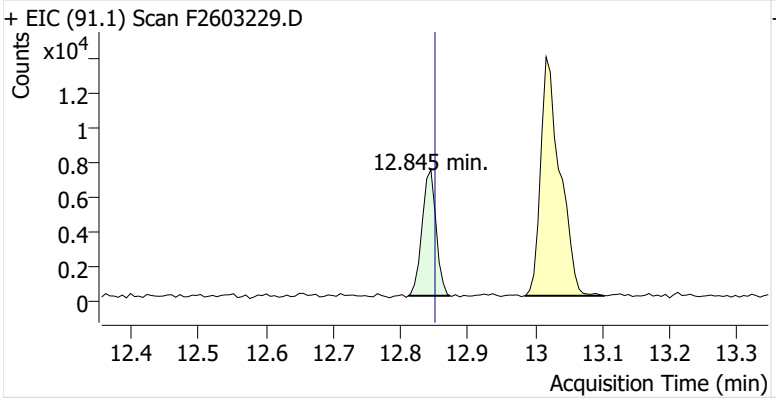


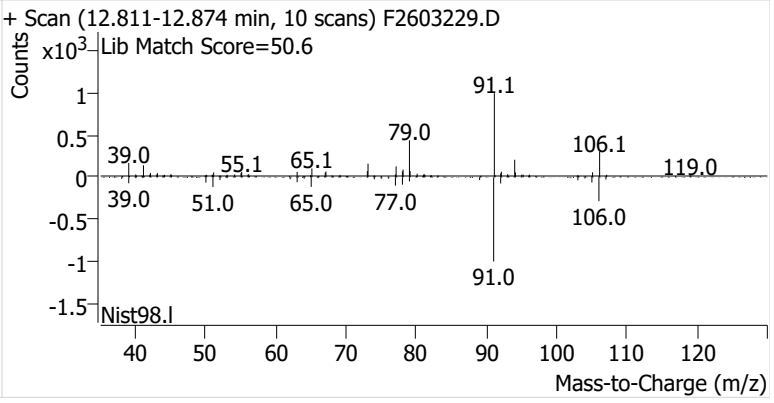
Toluene



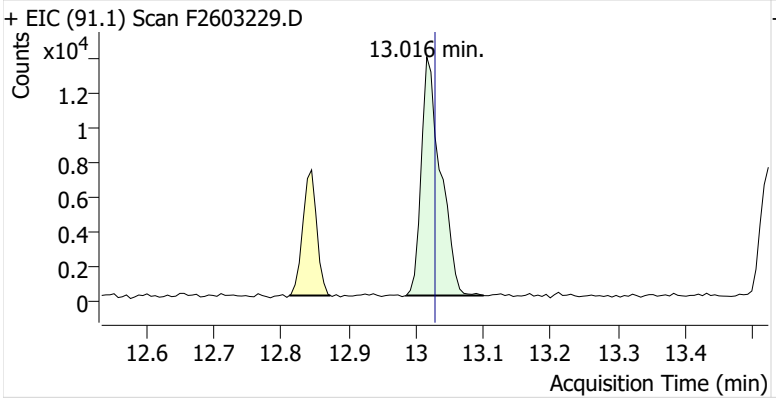


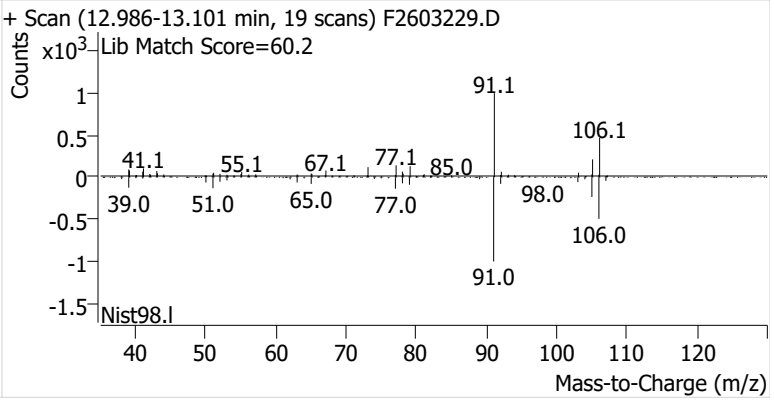
Ethylbenzene



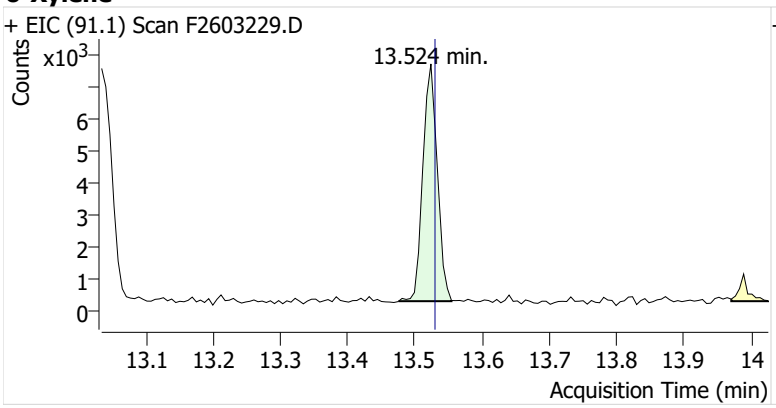


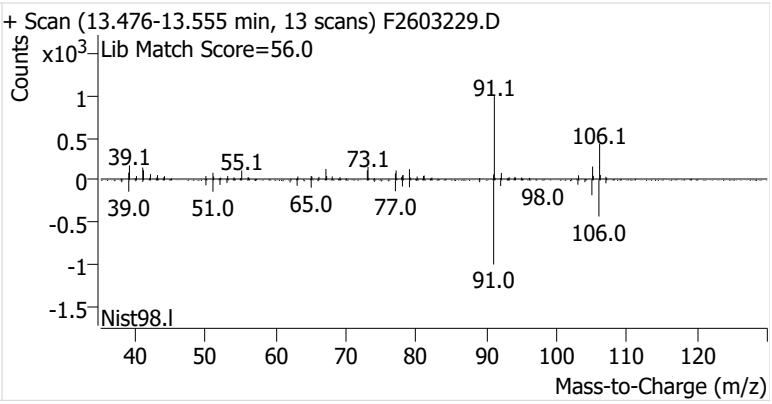
m-/p-Xylenes





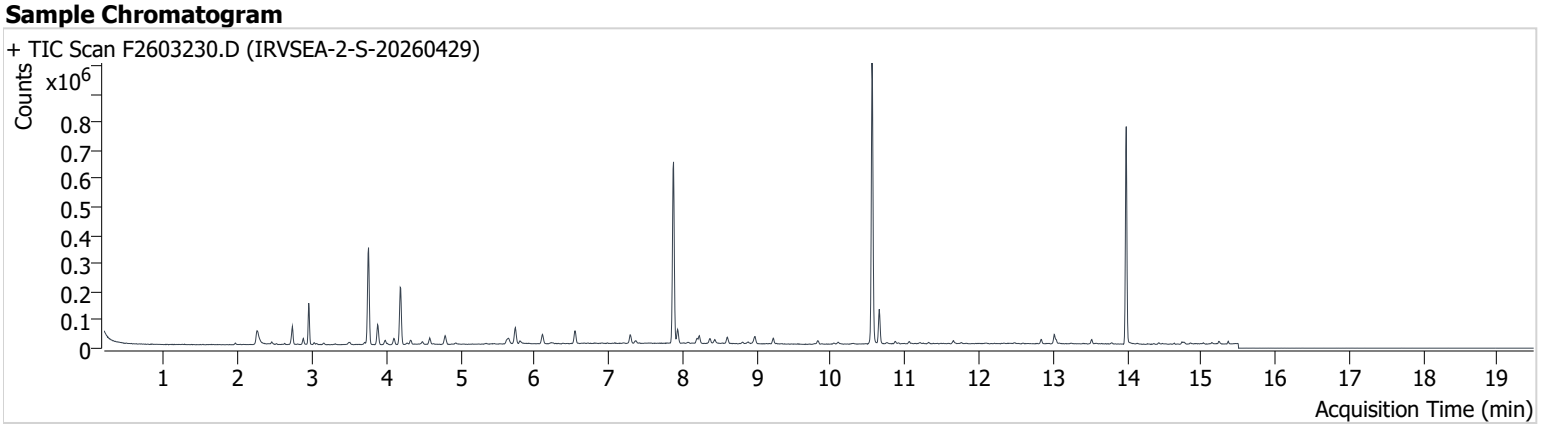
o-Xylene


+ EIC (91.1) Scan F2603229.D
Counts
x10^3
13.524 min.
6
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.476-13.555 min, 13 scans) F2603229.D
Counts
x10^3
Lib Match Score=56.0
91.1
106.1
39.1
55.1
73.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

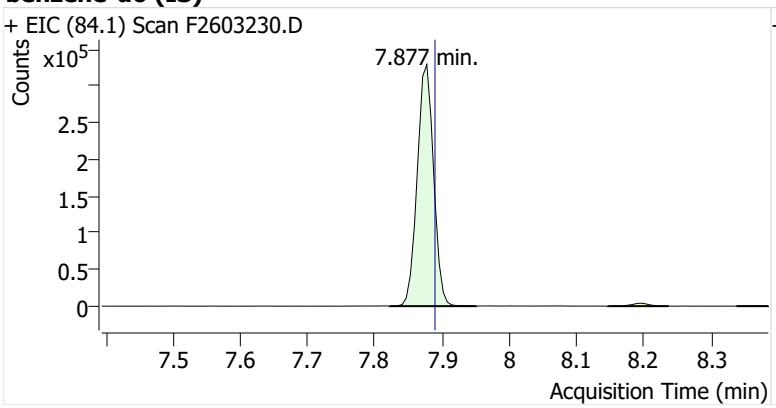
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Comment	C43336
Data File	F2603230.D
Acq. Date-Time	5/14/2026 3:45:17 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

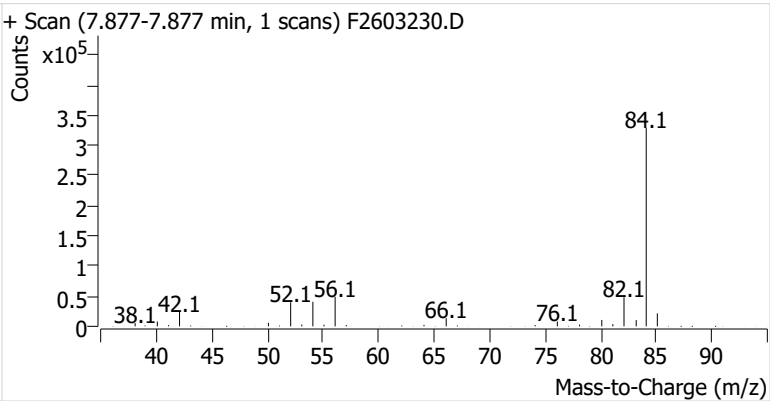
Sample Chromatogram



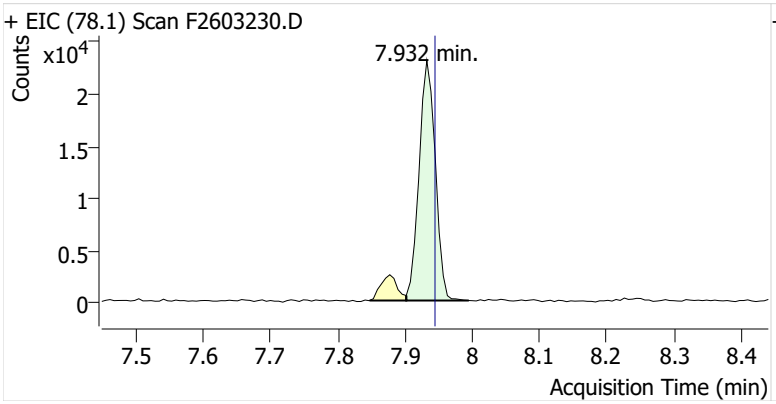
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	555,930	
Benzene	benzene-d6 (IS)	7.932	7.945	38,657	
Toluene-d8 (IS)		10.557	10.569	599,578	
Toluene	Toluene-d8 (IS)	10.655	10.667	73,402	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	10,088	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	23,427	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	8,512	

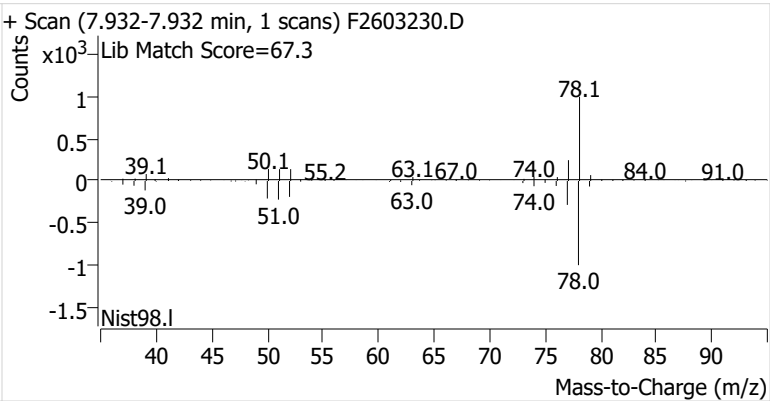
benzene-d6 (IS)



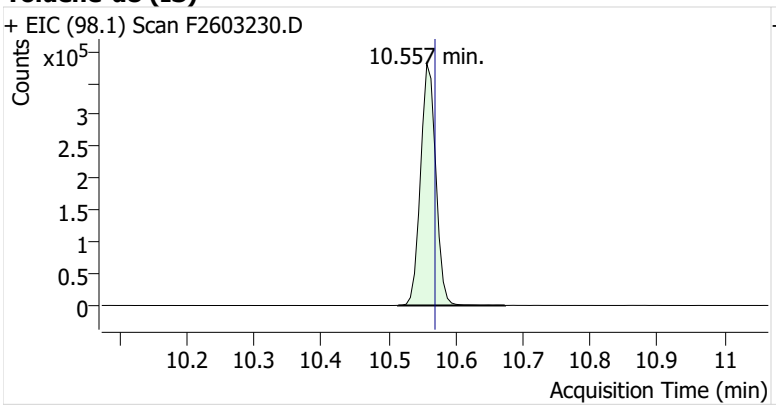


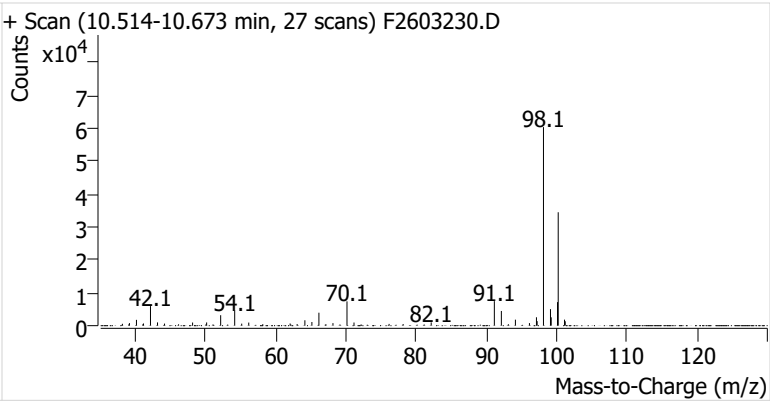
Benzene



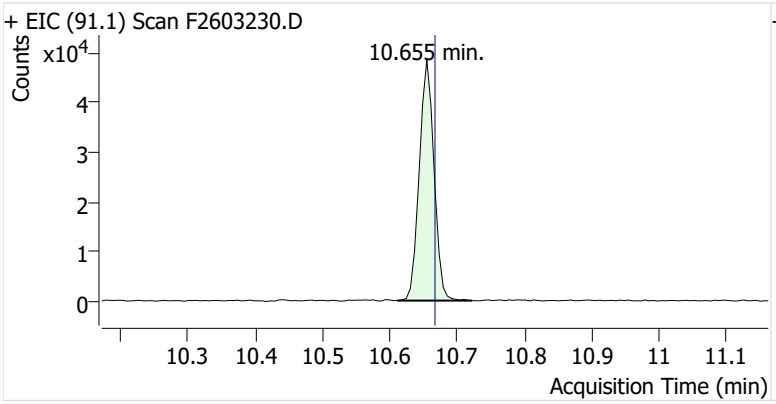


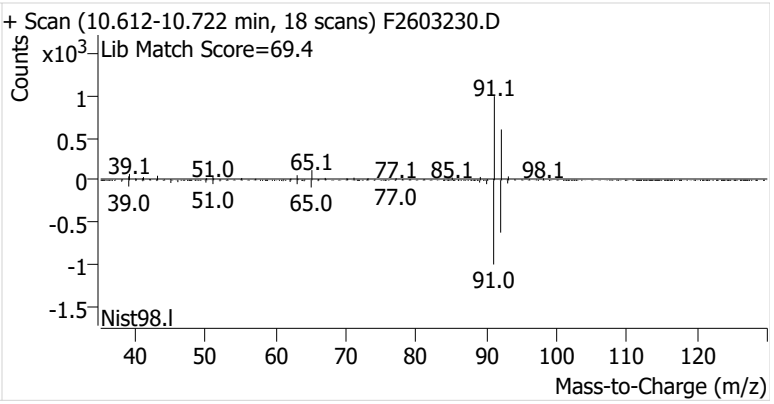
Toluene-d8 (IS)



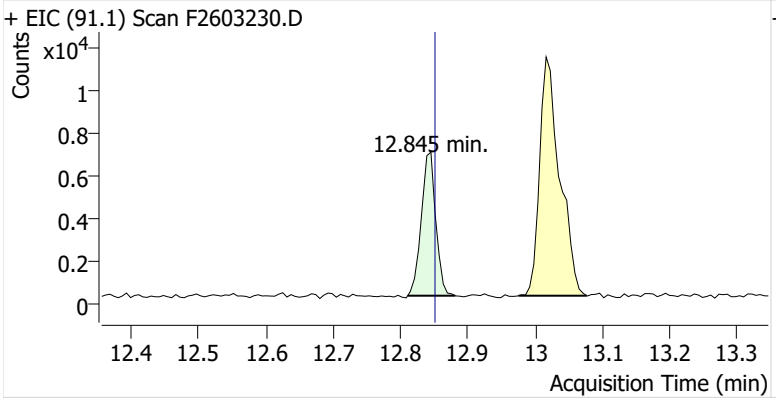


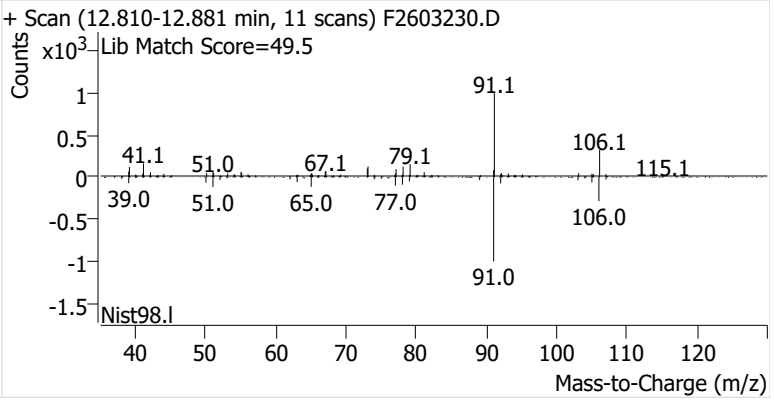
Toluene



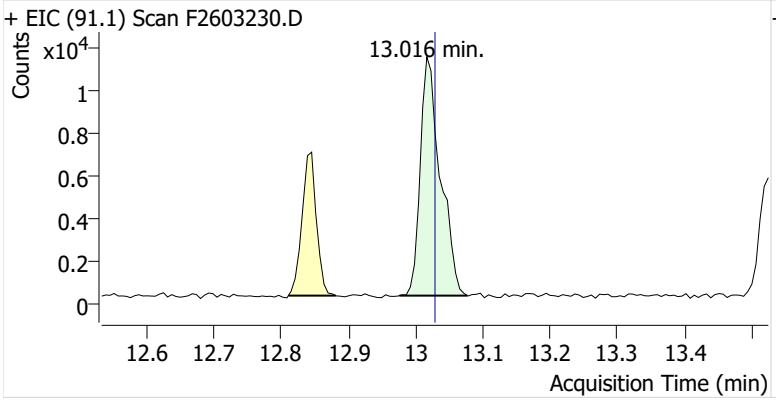


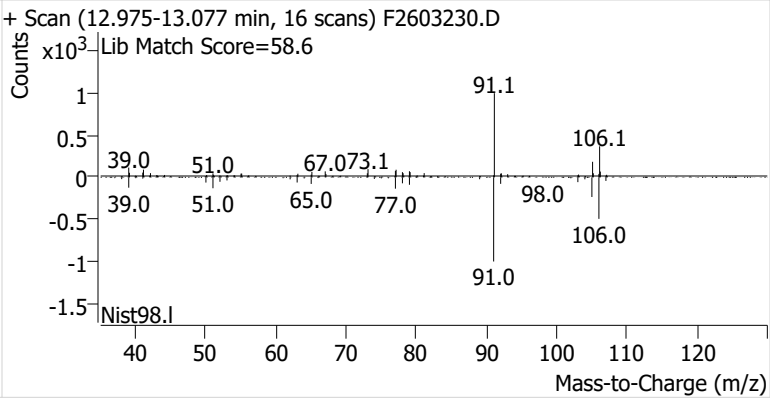
Ethylbenzene



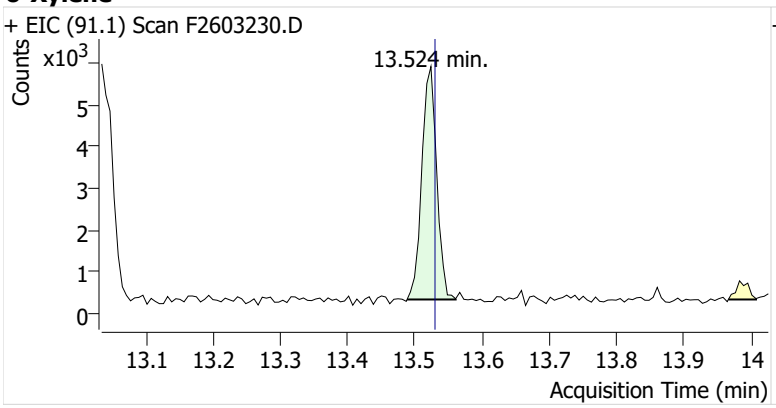


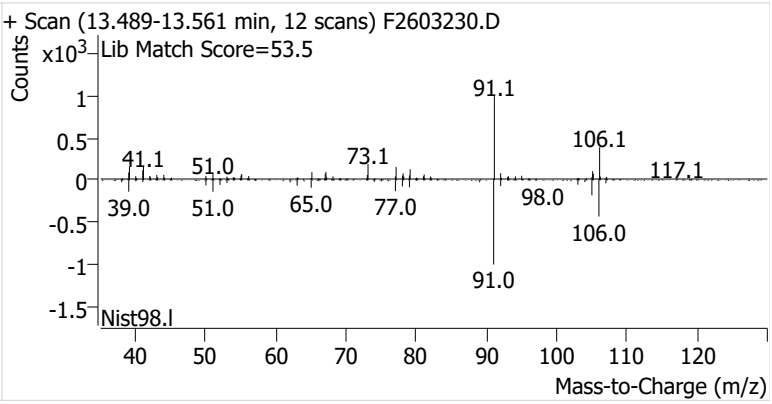
m-/p-Xylenes





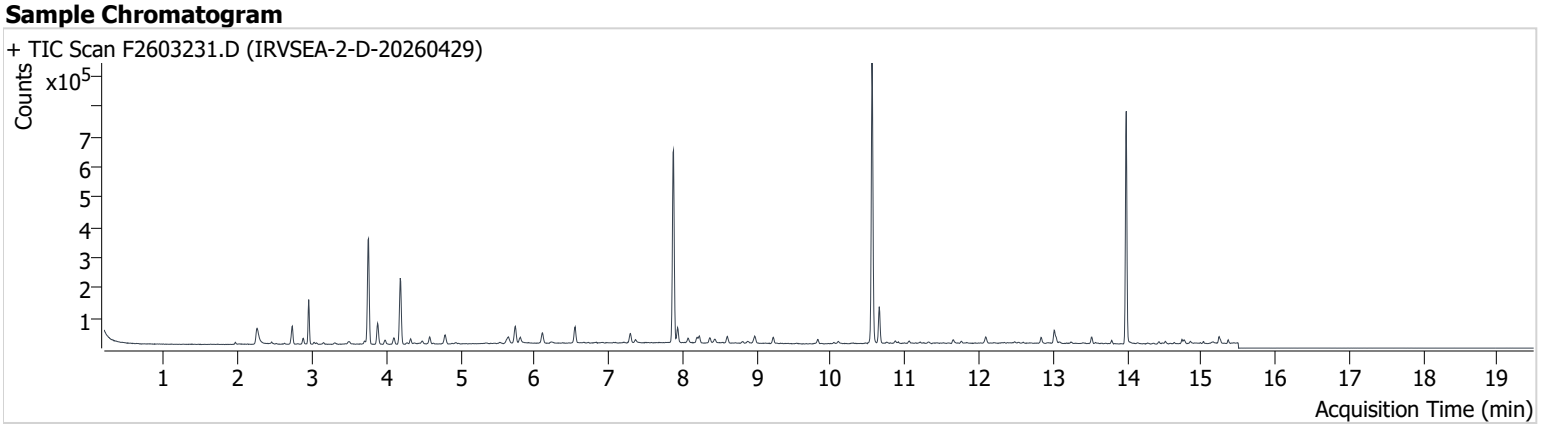
o-Xylene


+ EIC (91.1) Scan F2603230.D
Counts
x10^3
13.524 min.
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.561 min, 12 scans) F2603230.D
Counts
x10^3
Lib Match Score=53.5
91.1
106.1
41.1
51.0
73.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

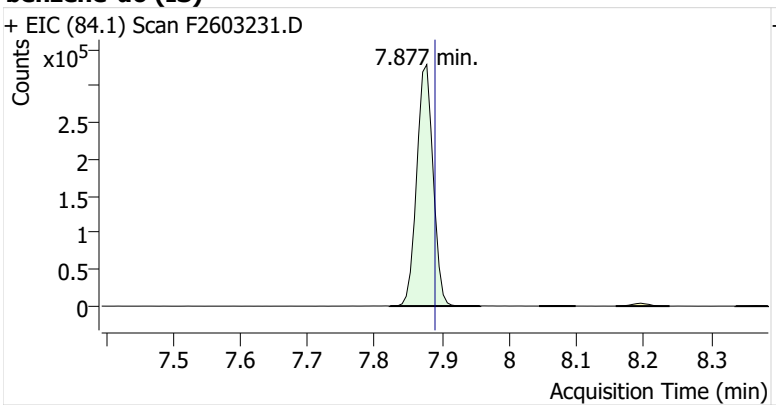
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

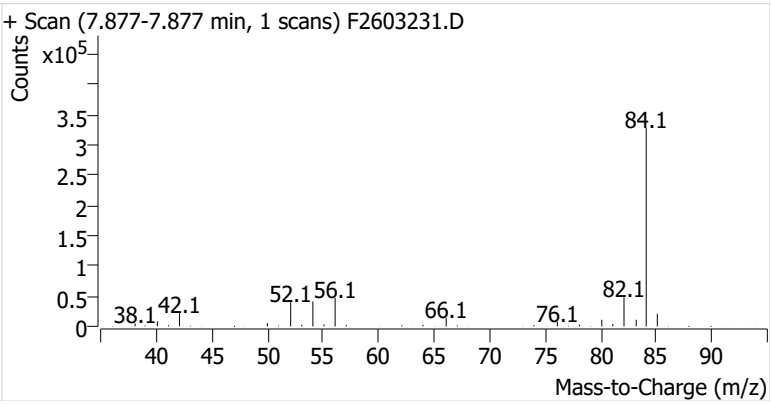
Sample Chromatogram



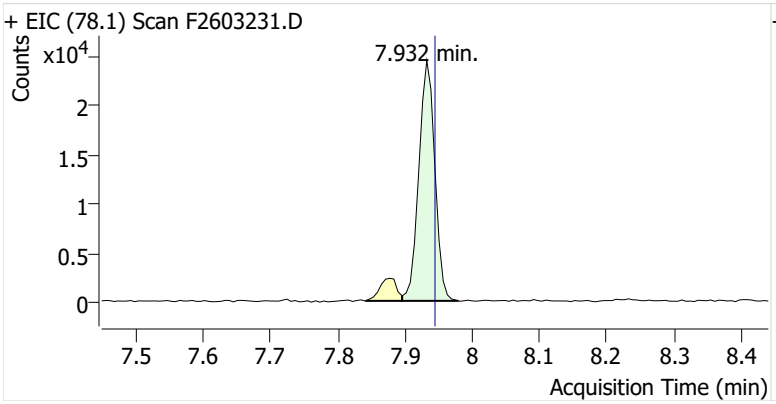
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	554,921	
Benzene	benzene-d6 (IS)	7.932	7.945	40,200	
Toluene-d8 (IS)		10.557	10.569	550,886	
Toluene	Toluene-d8 (IS)	10.655	10.667	71,466	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	12,337	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	32,773	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	12,422	

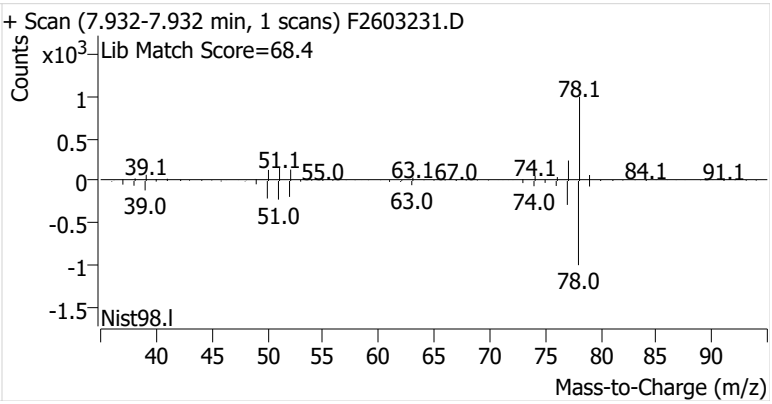
benzene-d6 (IS)



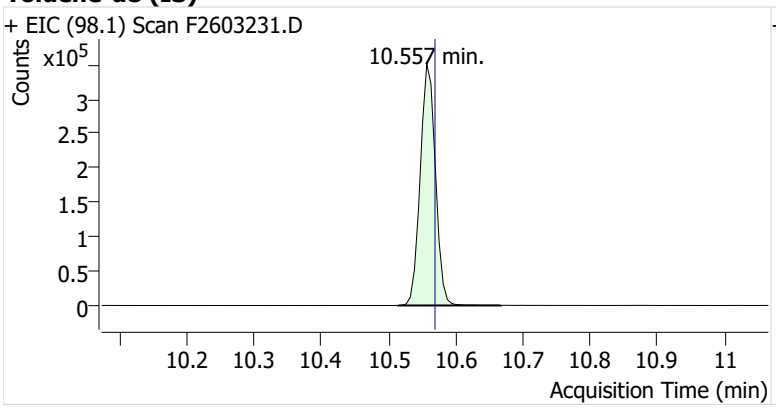


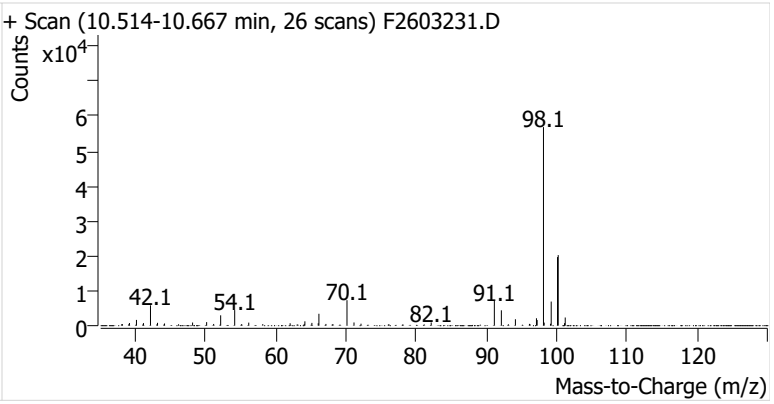
Benzene



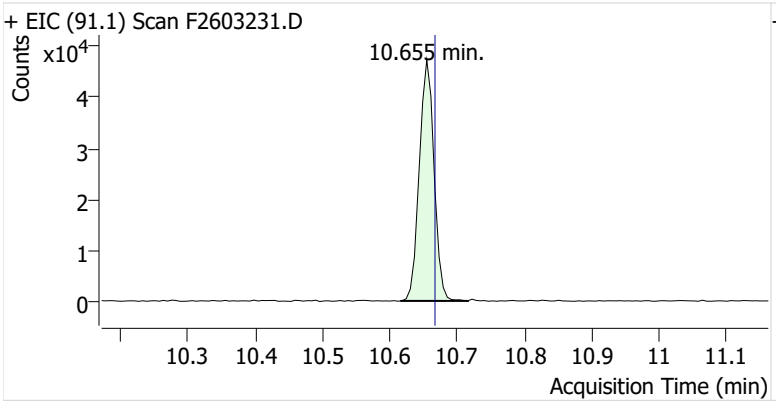


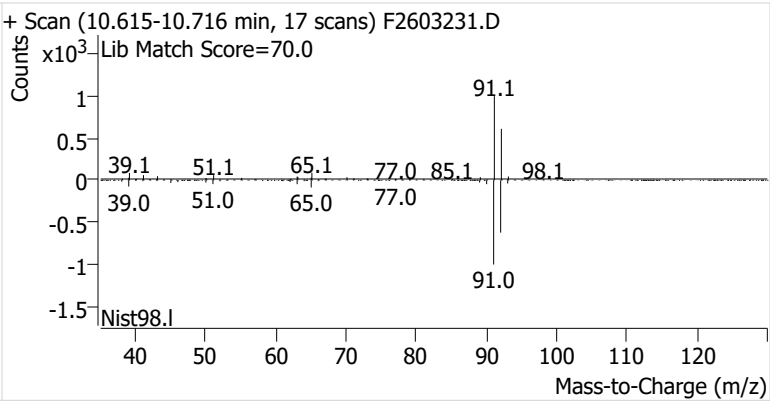
Toluene-d8 (IS)



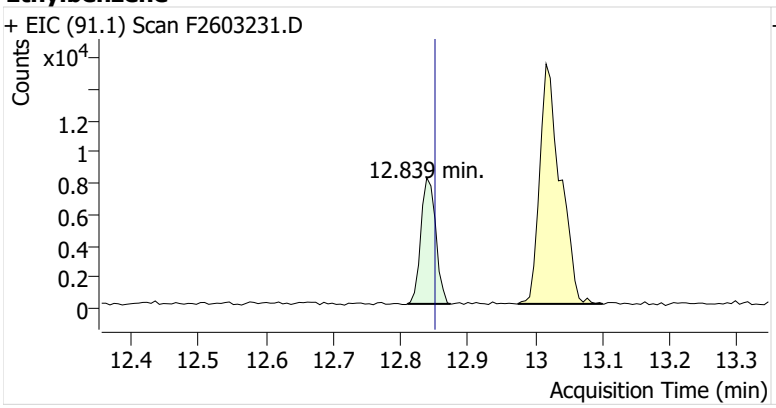


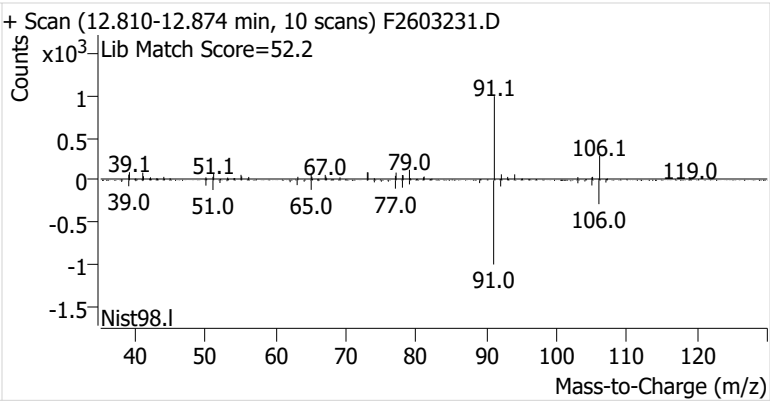
Toluene



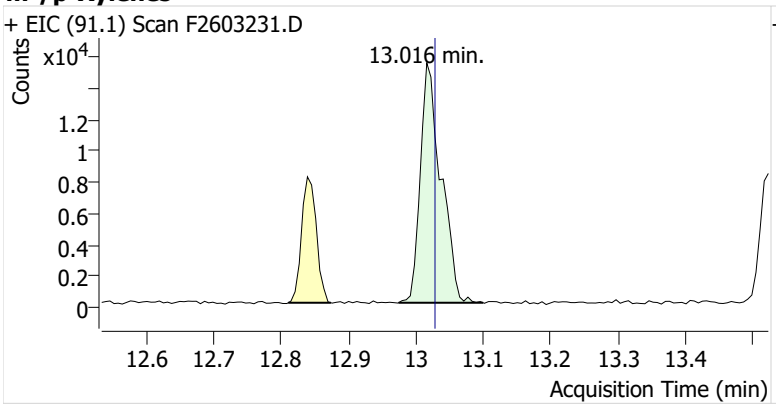


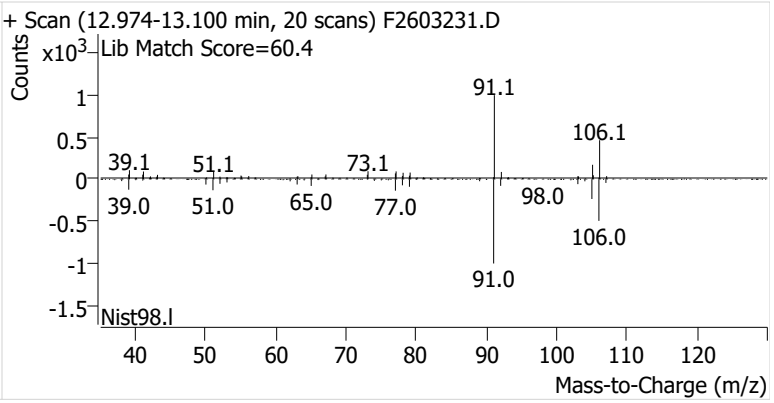
Ethylbenzene



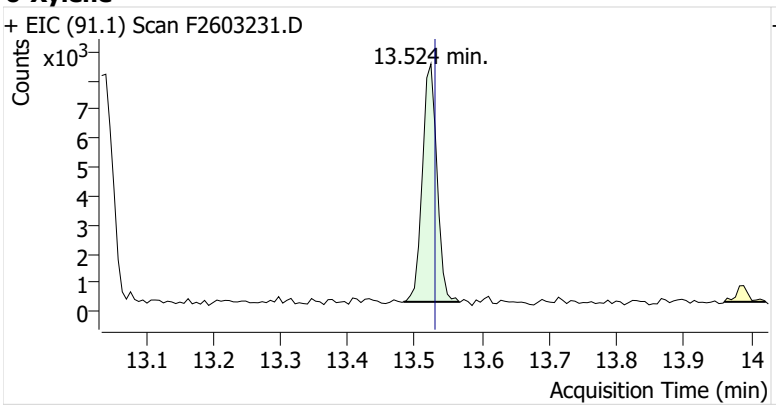


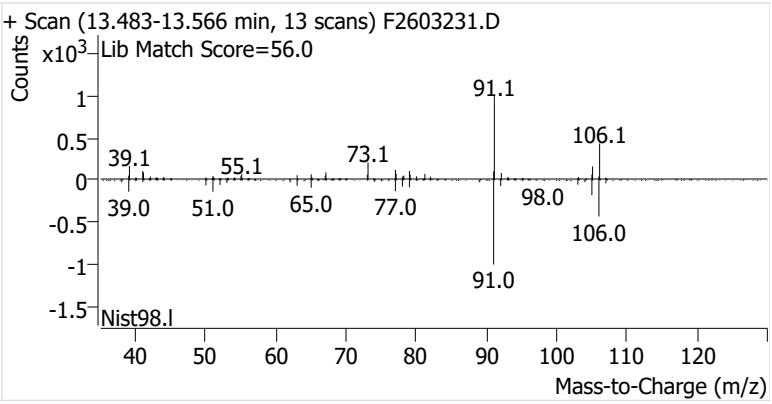
m-/p-Xylenes





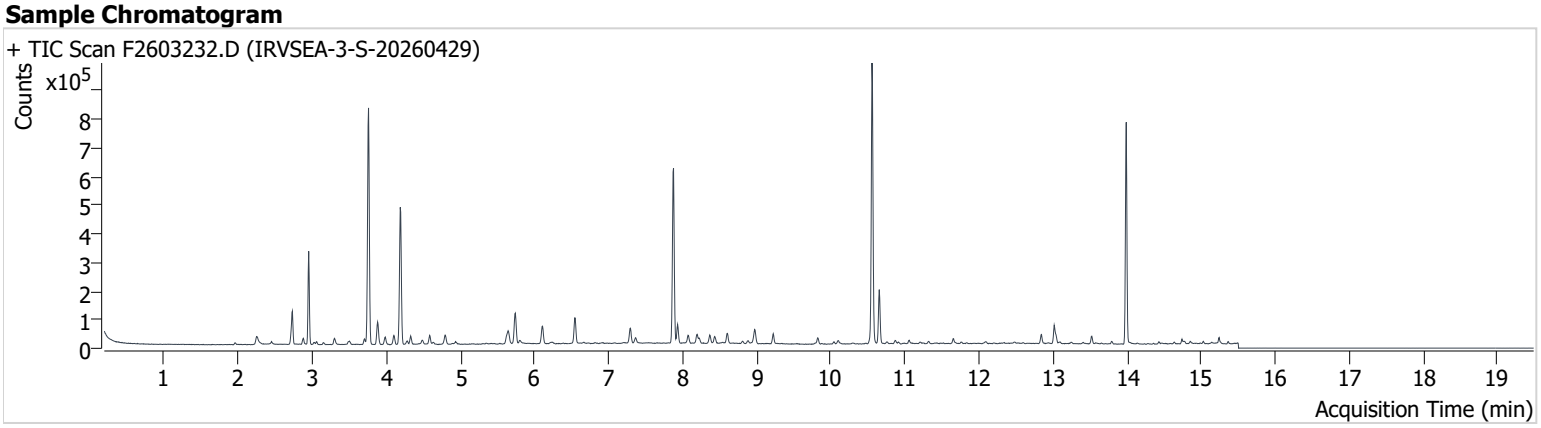
o-Xylene


+ EIC (91.1) Scan F2603231.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.483-13.566 min, 13 scans) F2603231.D
Counts
x10^3
Lib Match Score=56.0
91.1
106.1
39.1
55.1
73.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

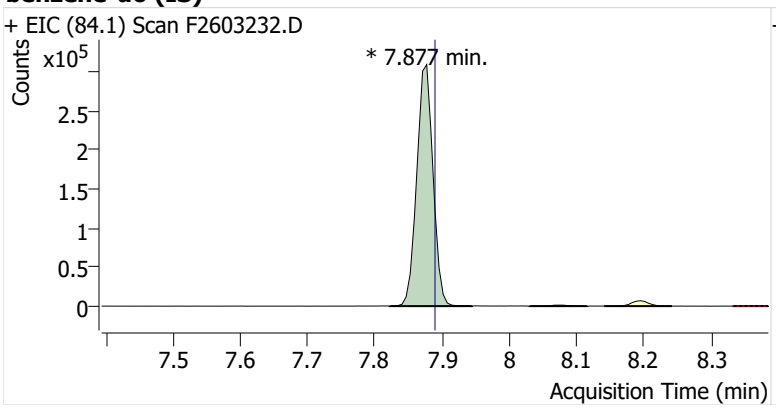
Name	IRVSEA-3-S-20260429
Comment	C71513
Data File	F2603232.D
Acq. Date-Time	5/14/2026 4:36:06 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

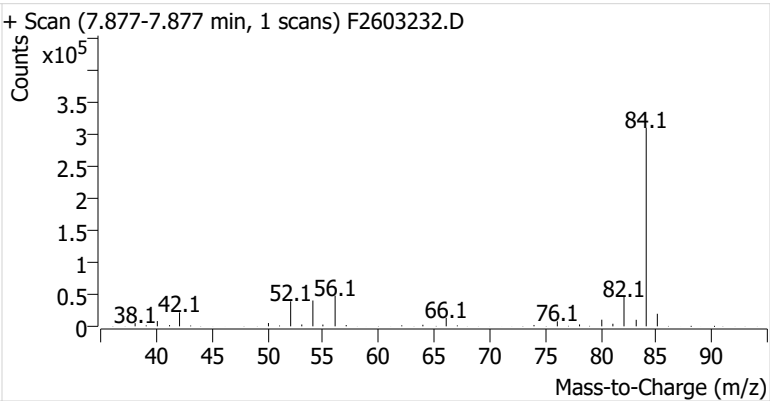
Sample Chromatogram



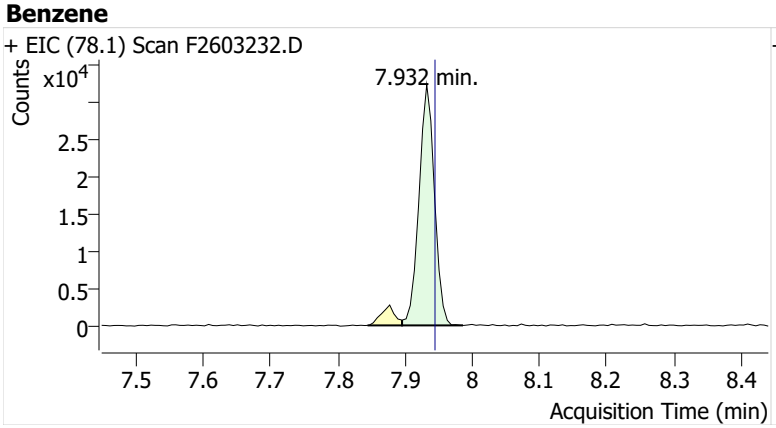
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	519,310	m
Benzene	benzene-d6 (IS)	7.932	7.945	51,296	
Toluene-d8 (IS)		10.557	10.569	586,446	
Toluene	Toluene-d8 (IS)	10.655	10.667	112,269	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	19,005	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	46,310	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	15,114	

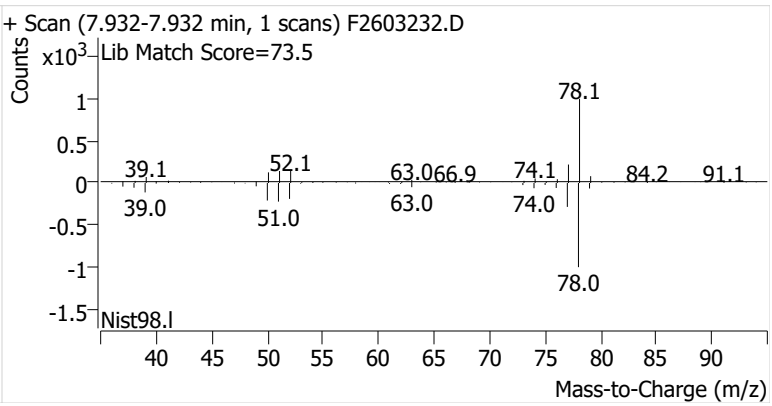
benzene-d6 (IS)



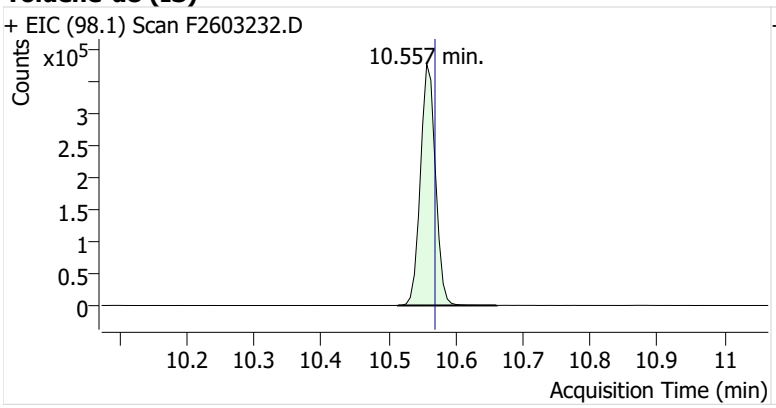


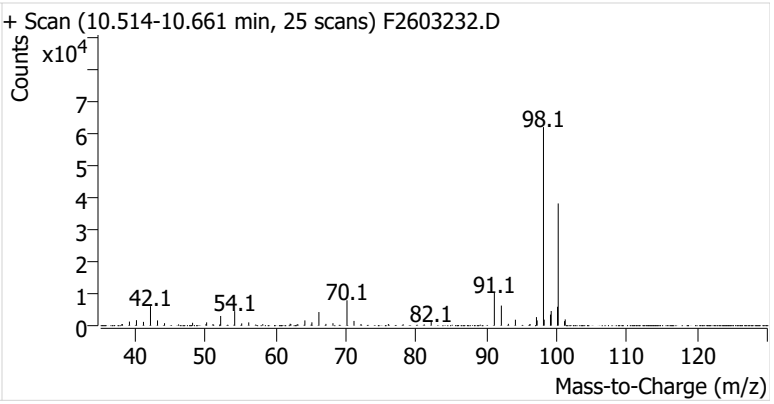
Benzene



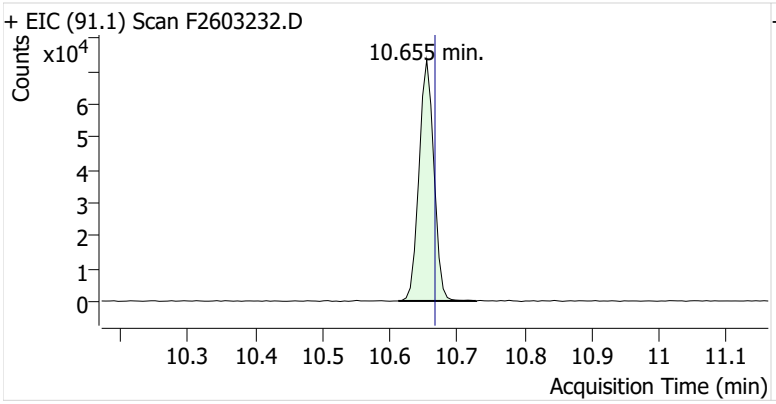


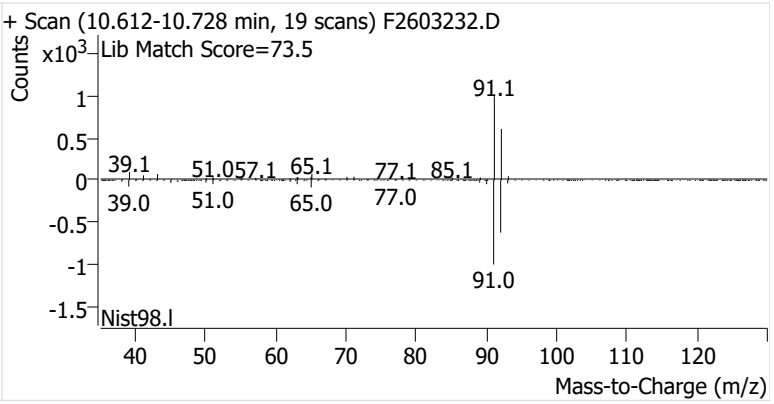
Toluene-d8 (IS)



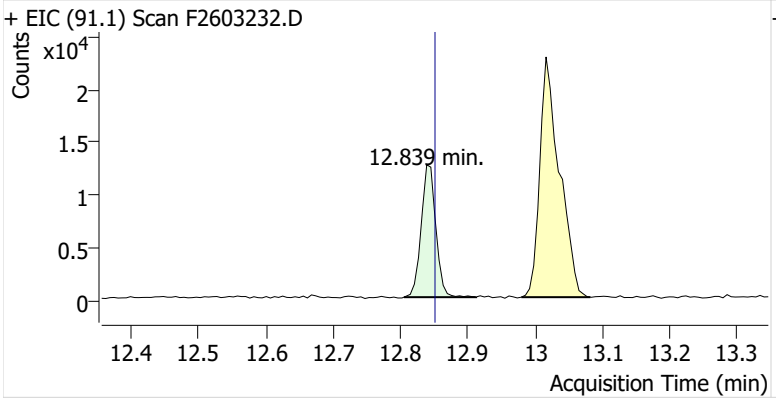


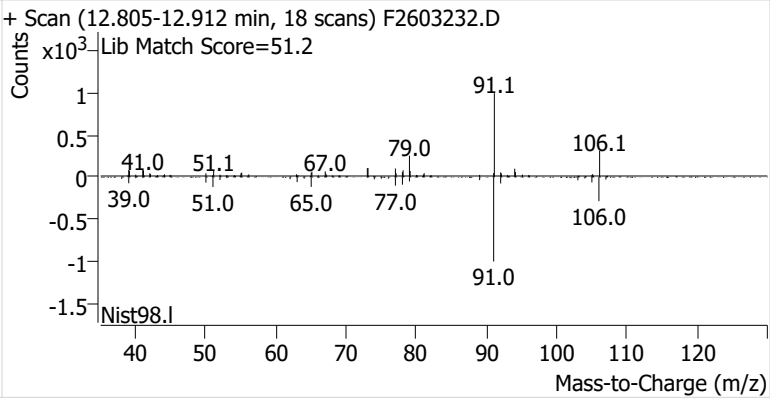
Toluene



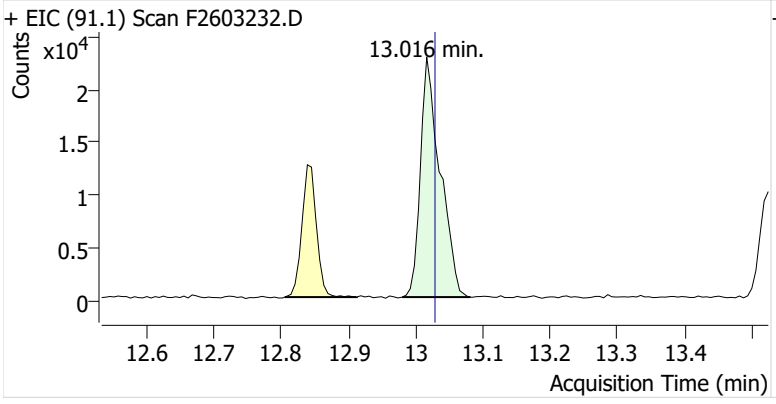


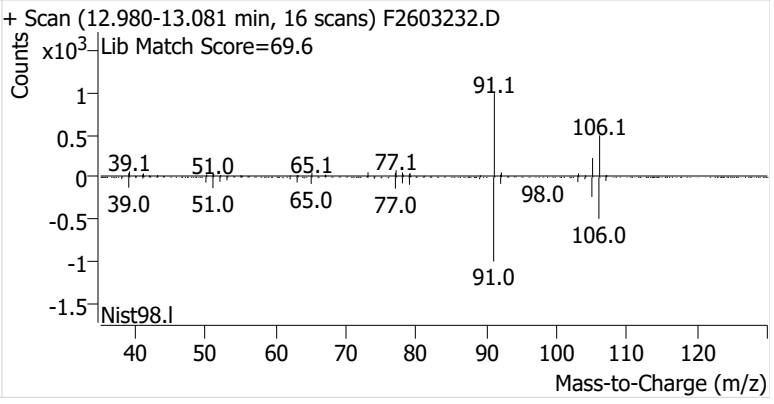
Ethylbenzene



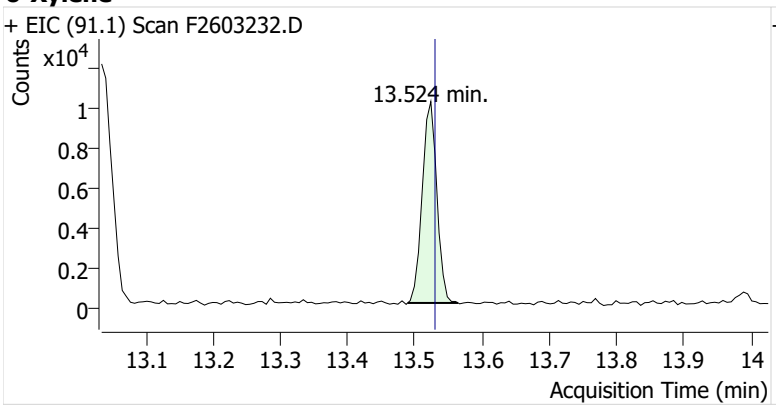


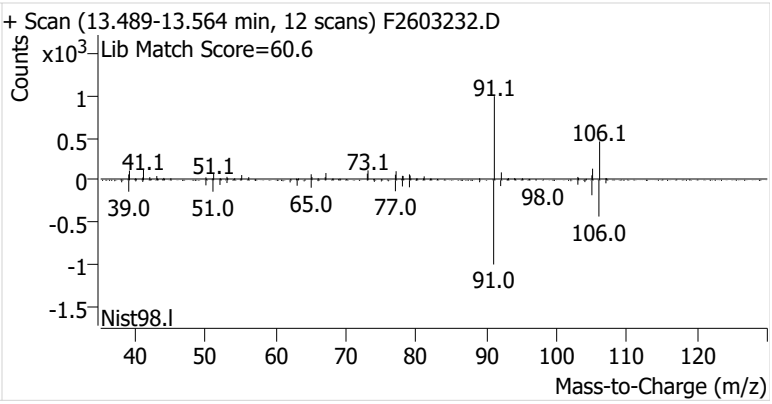
m-/p-Xylenes





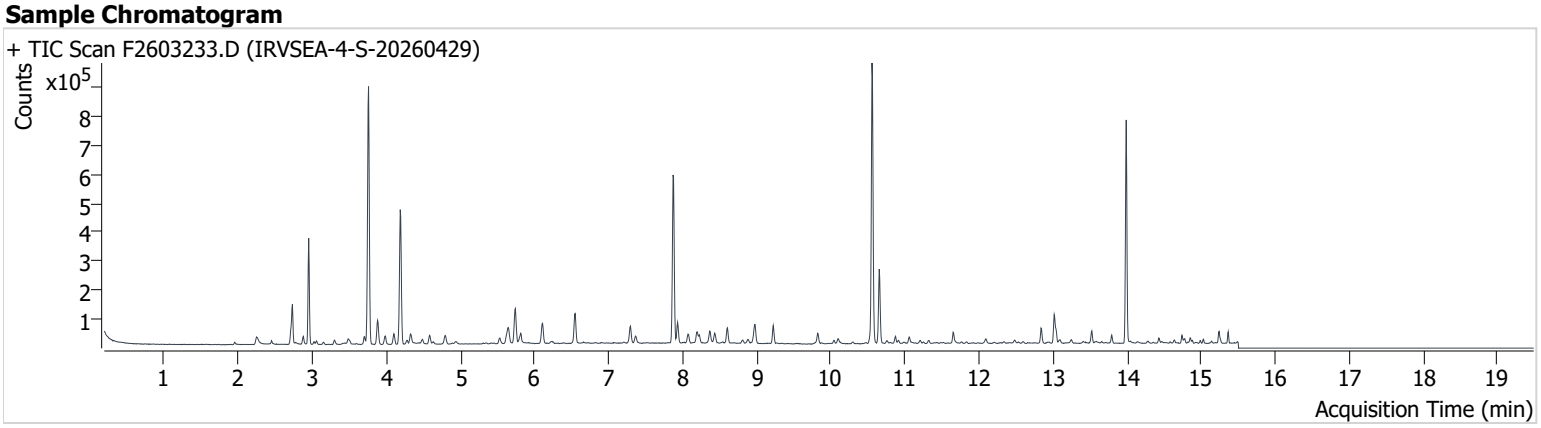
o-Xylene


+ EIC (91.1) Scan F2603232.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.564 min, 12 scans) F2603232.D
Lib Match Score=60.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.1
73.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

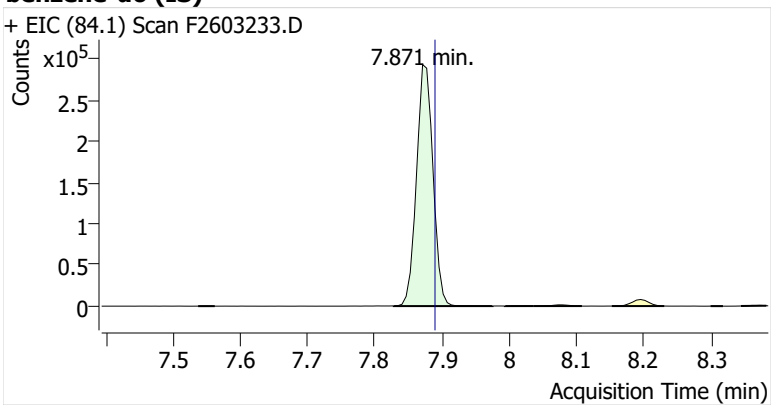
Name	IRVSEA-4-S-20260429
Comment	C71601
Data File	F2603233.D
Acq. Date-Time	5/14/2026 5:01:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

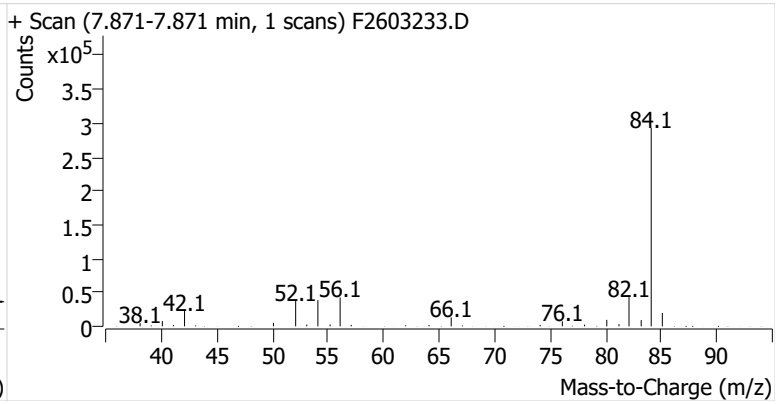
Sample Chromatogram



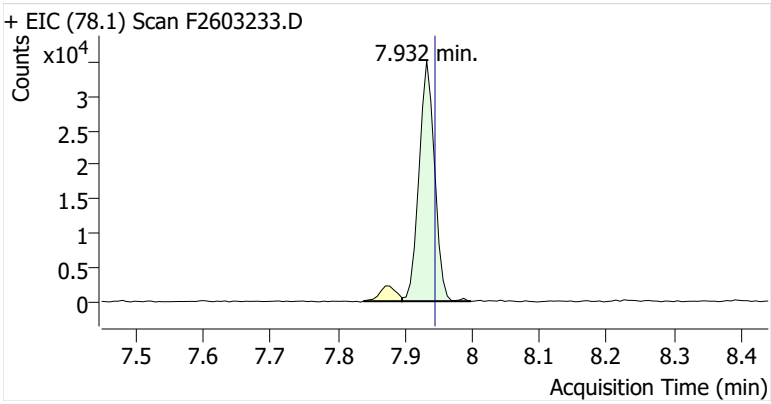
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	499,624	
Benzene	benzene-d6 (IS)	7.932	7.945	55,857	
Toluene-d8 (IS)		10.557	10.569	580,959	
Toluene	Toluene-d8 (IS)	10.655	10.667	150,763	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	29,796	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	73,973	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	22,479	

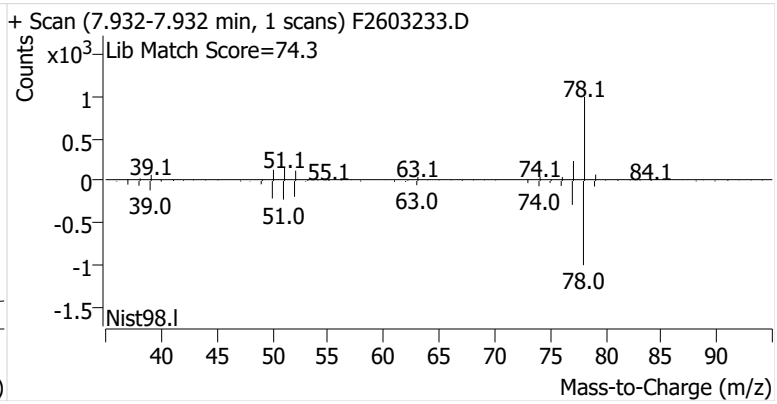
benzene-d6 (IS)



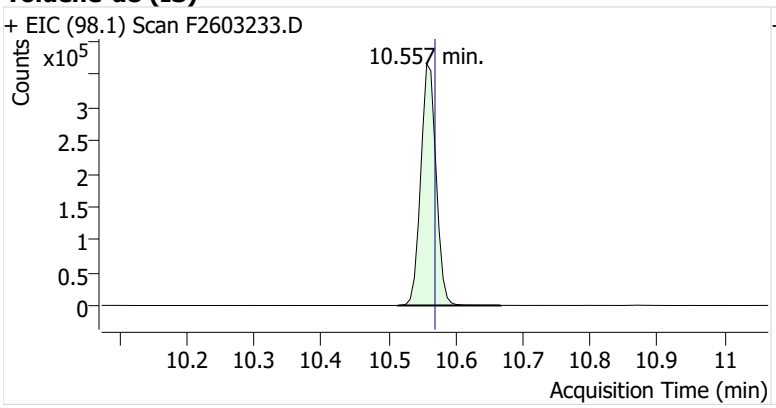


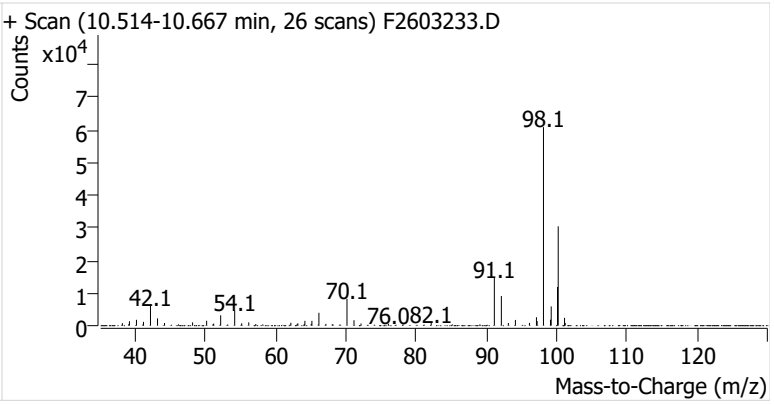
Benzene



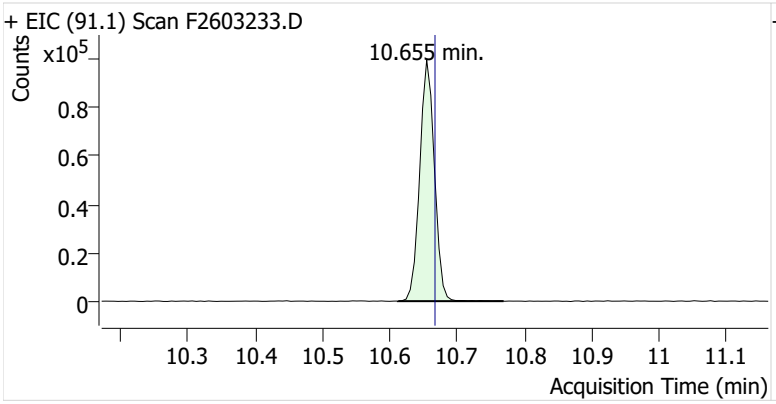


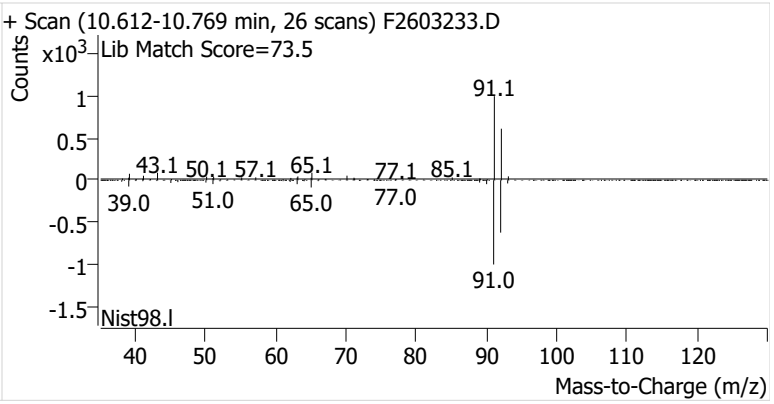
Toluene-d8 (IS)



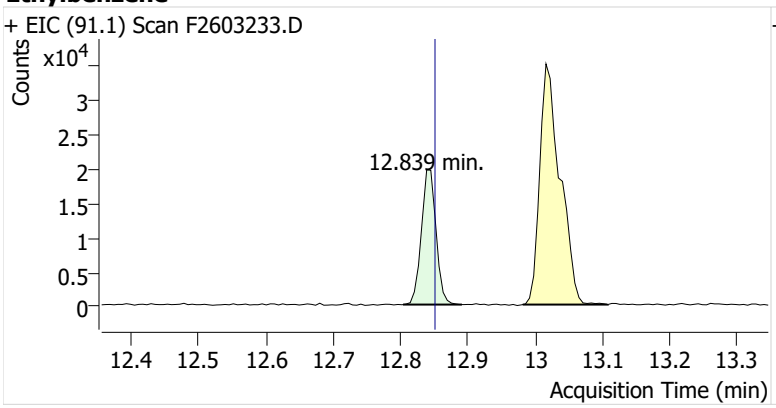


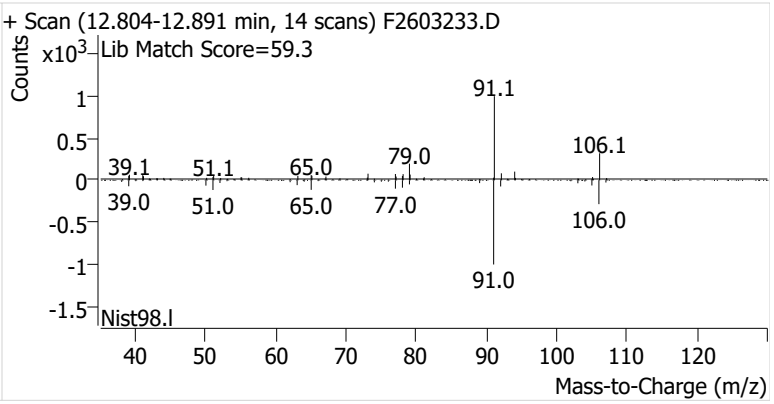
Toluene



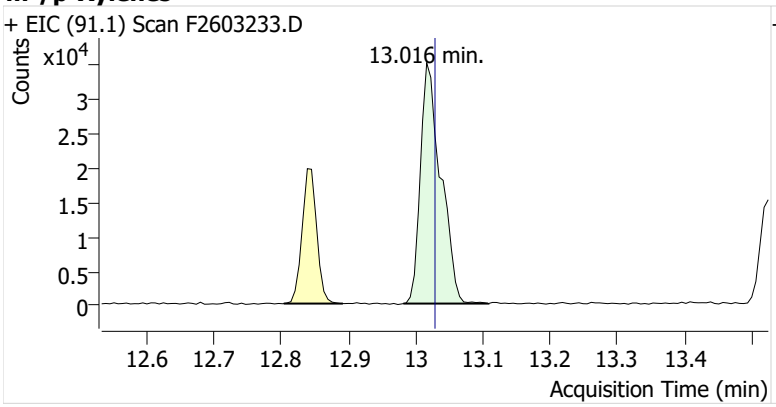


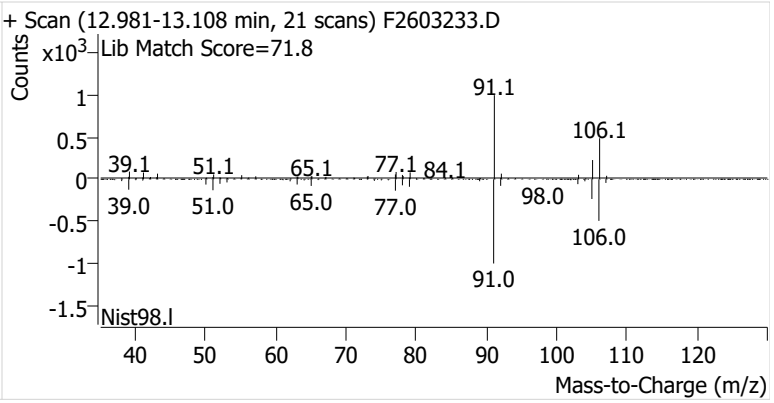
Ethylbenzene



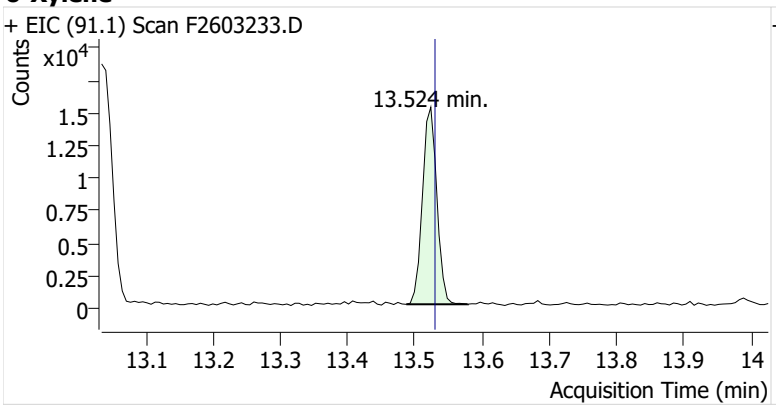


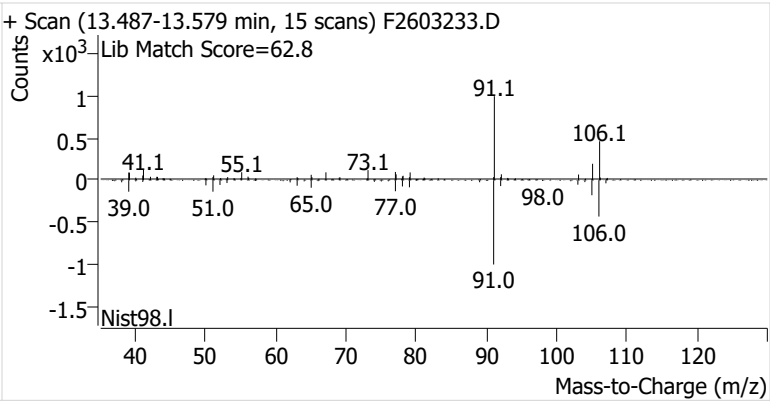
m-/p-Xylenes





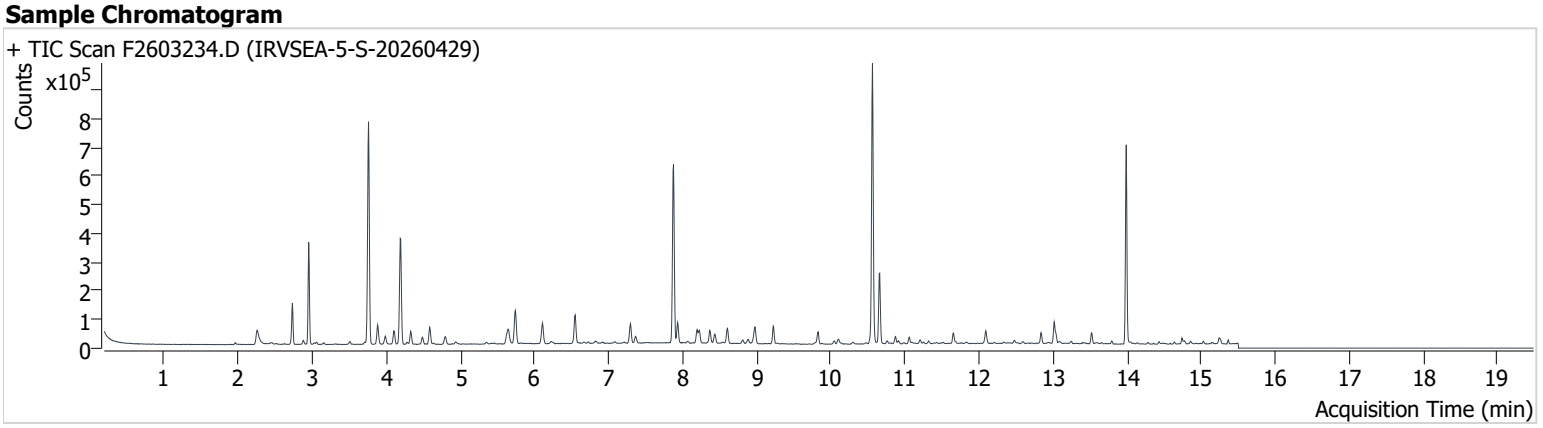
o-Xylene


+ EIC (91.1) Scan F2603233.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.579 min, 15 scans) F2603233.D
Counts
x10^3
Lib Match Score=62.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
73.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

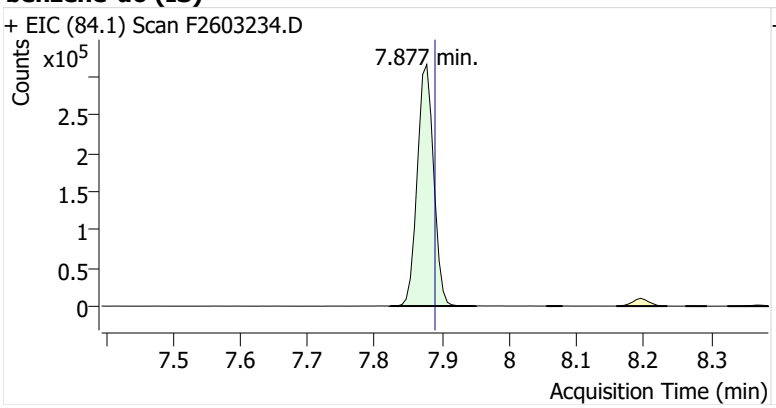
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Comment	B21073
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Acq. Date-Time	5/14/2026 5:26:57 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

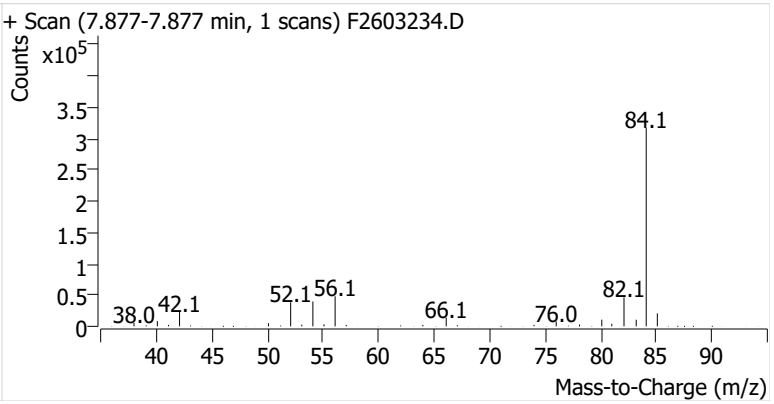
Sample Chromatogram



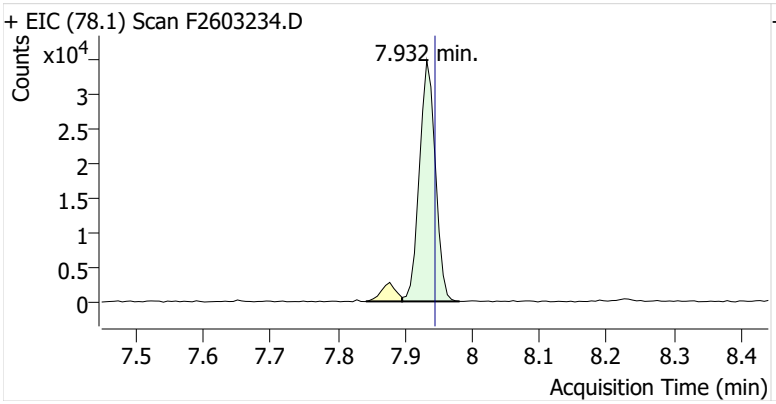
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	535,661	
Benzene	benzene-d6 (IS)	7.932	7.945	57,137	
Toluene-d8 (IS)		10.563	10.569	576,830	
Toluene	Toluene-d8 (IS)	10.661	10.667	153,362	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	23,293	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	54,448	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	22,138	

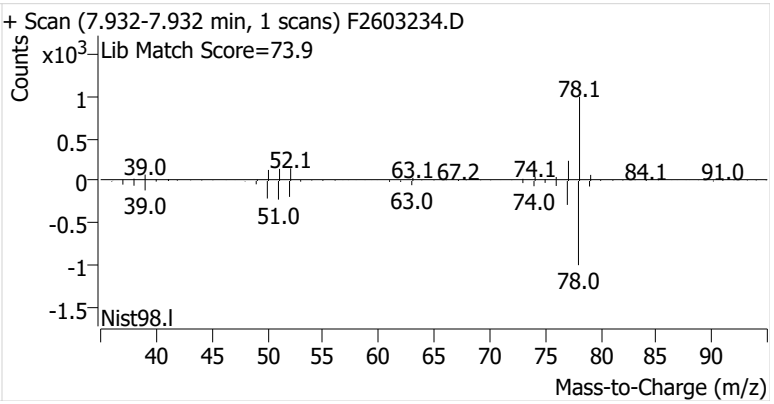
benzene-d6 (IS)



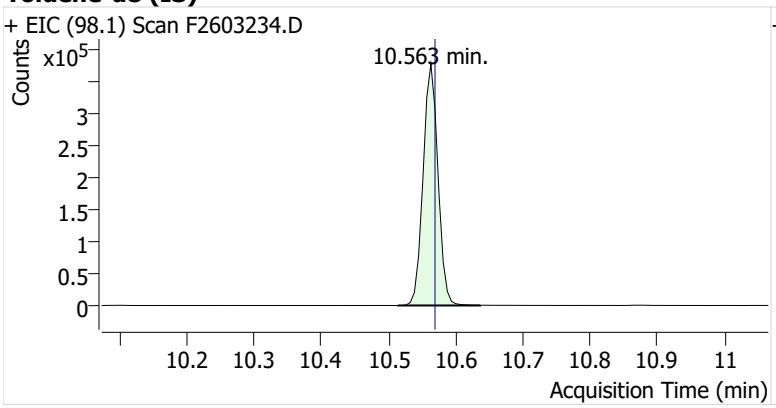


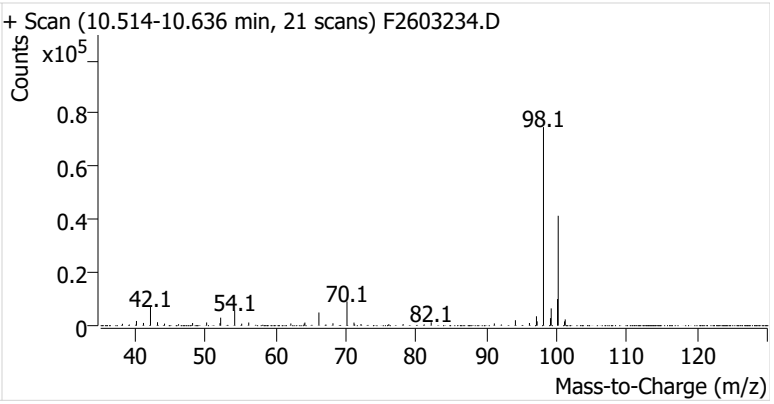
Benzene



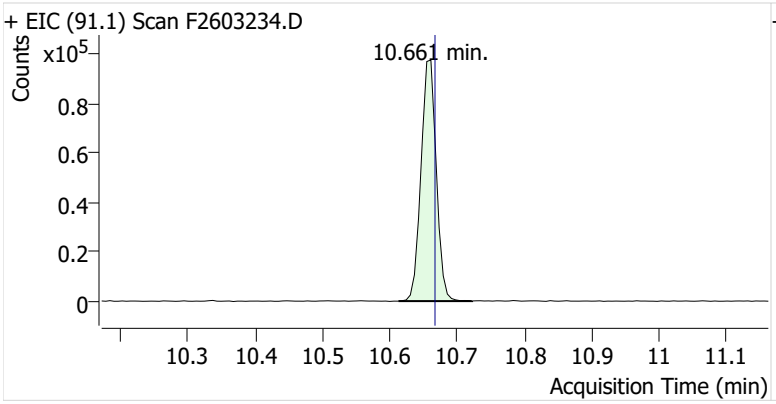


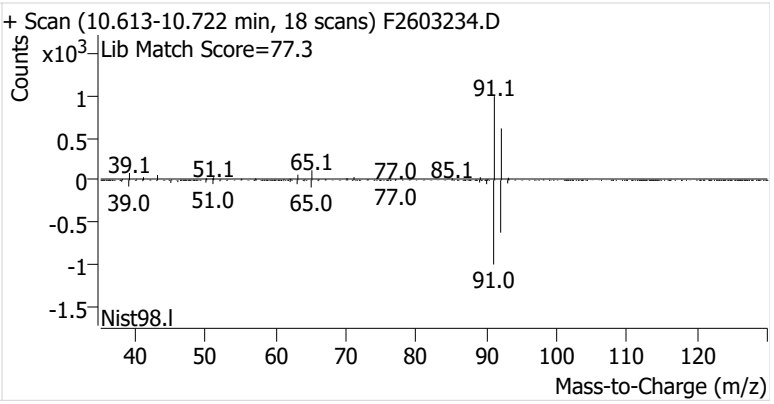
Toluene-d8 (IS)



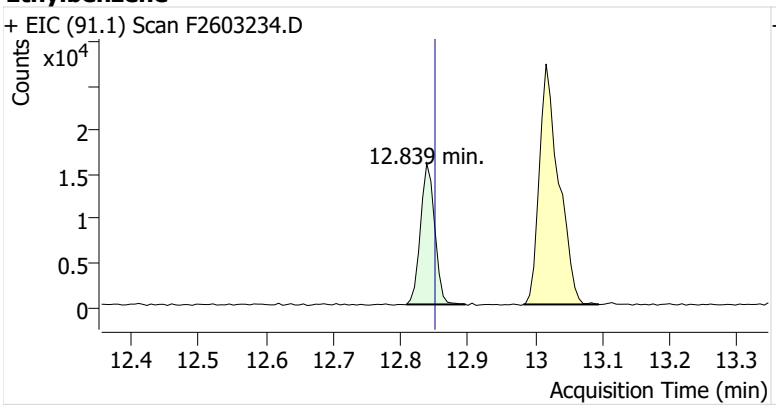


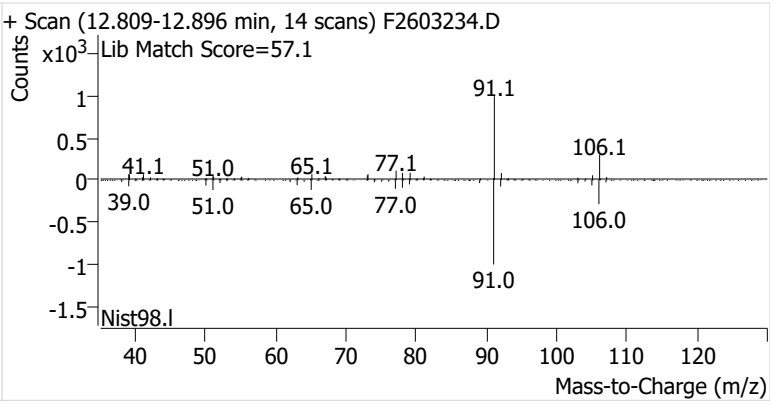
Toluene



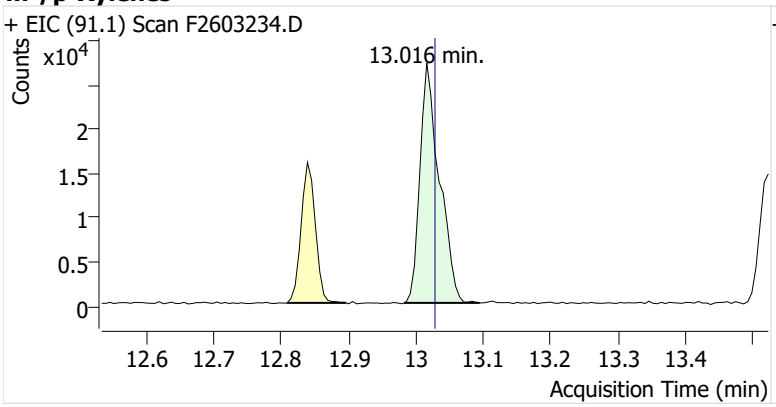


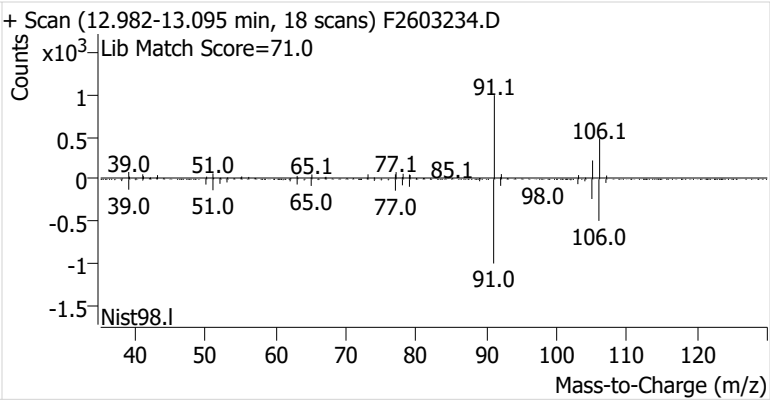
Ethylbenzene



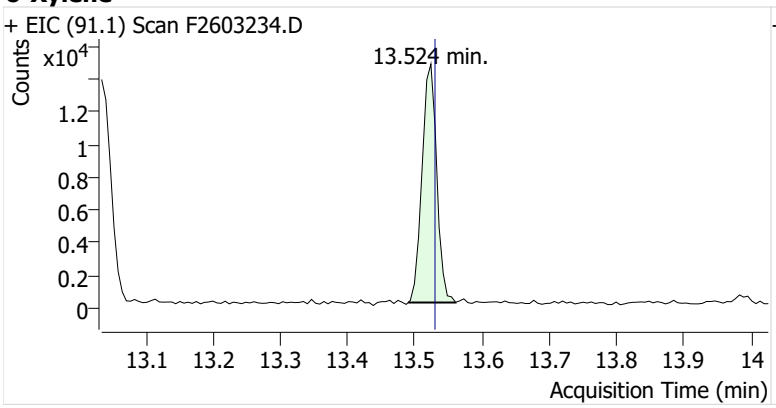


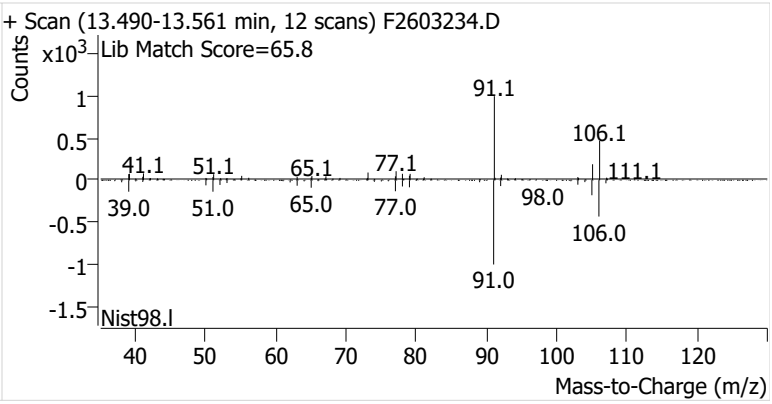
m-/p-Xylenes





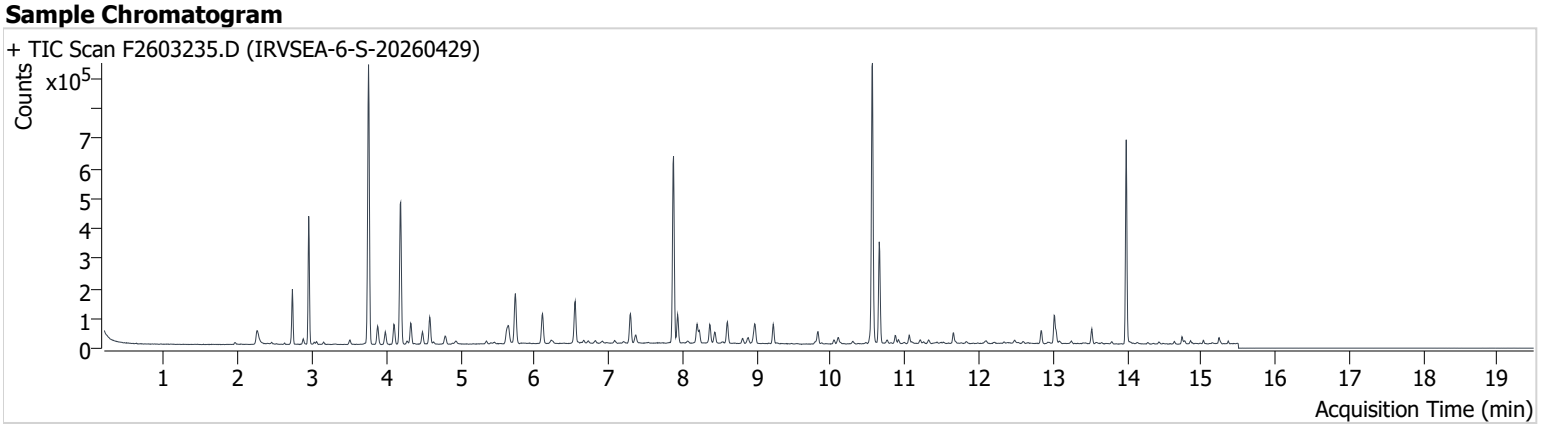
o-Xylene


+ EIC (91.1) Scan F2603234.D
Counts
x10^4
13.524 min.
1.2
1
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.490-13.561 min, 12 scans) F2603234.D
Counts
x10^3
Lib Match Score=65.8
91.1
106.1
41.1
51.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

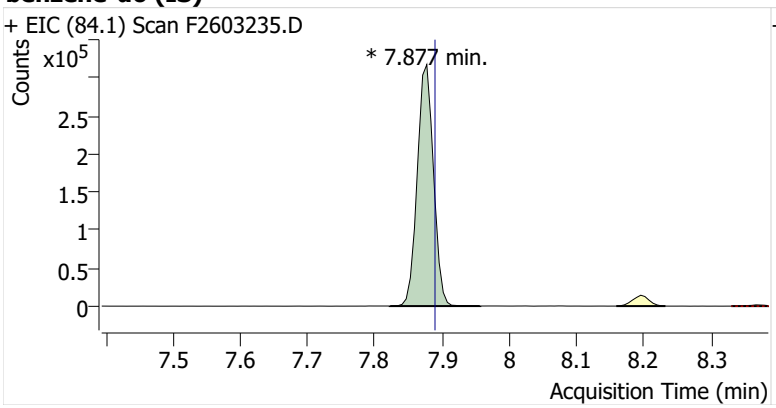
Name	IRVSEA-6-S-20260429
Comment	B35573
Data File	F2603235.D
Acq. Date-Time	5/14/2026 5:53:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

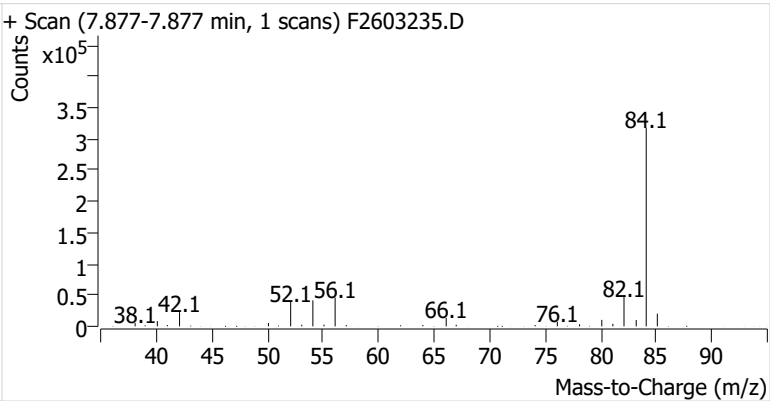
Sample Chromatogram



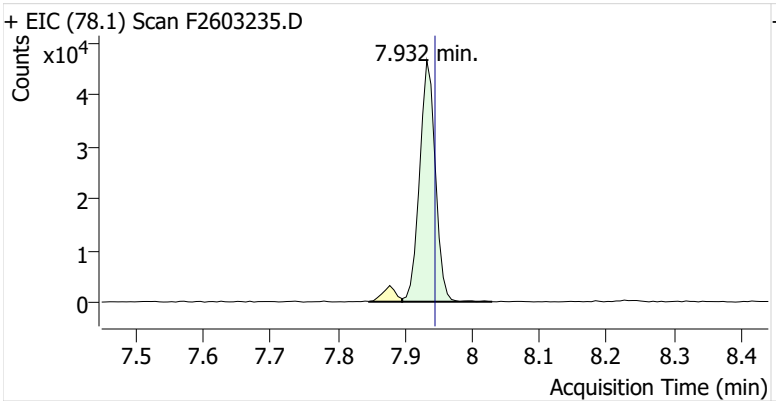
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	532,182	m
Benzene	benzene-d6 (IS)	7.932	7.945	75,480	
Toluene-d8 (IS)		10.563	10.569	574,298	
Toluene	Toluene-d8 (IS)	10.655	10.667	208,118	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	29,681	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	69,165	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	27,205	

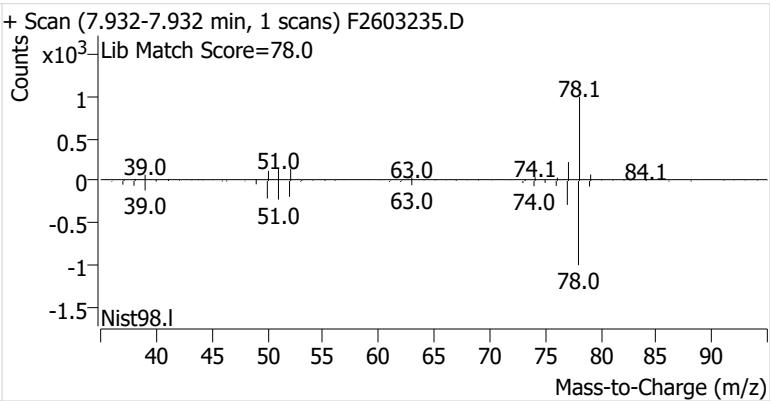
benzene-d6 (IS)



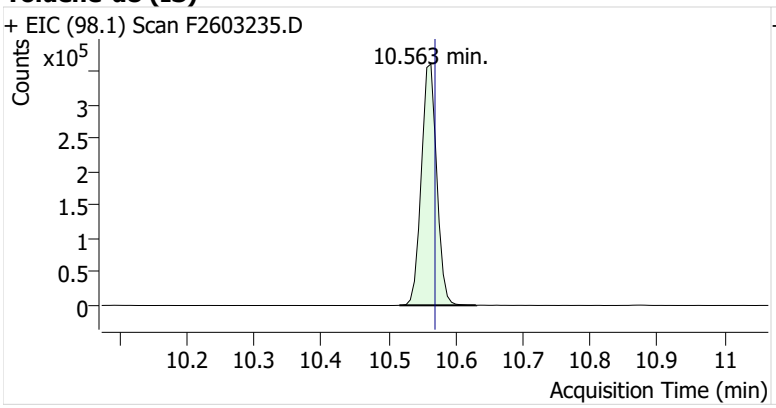


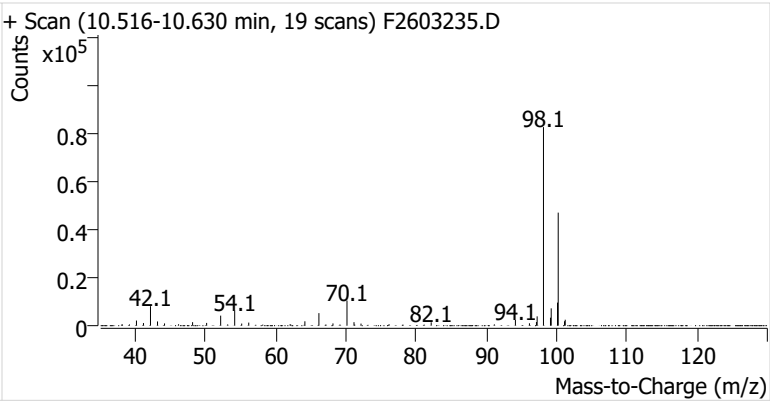
Benzene



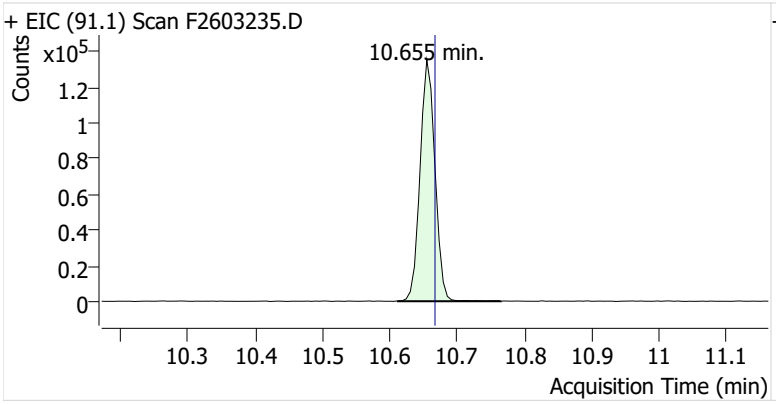


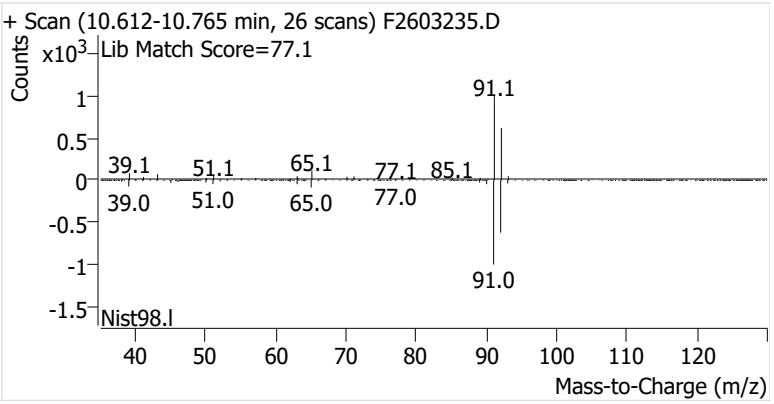
Toluene-d8 (IS)



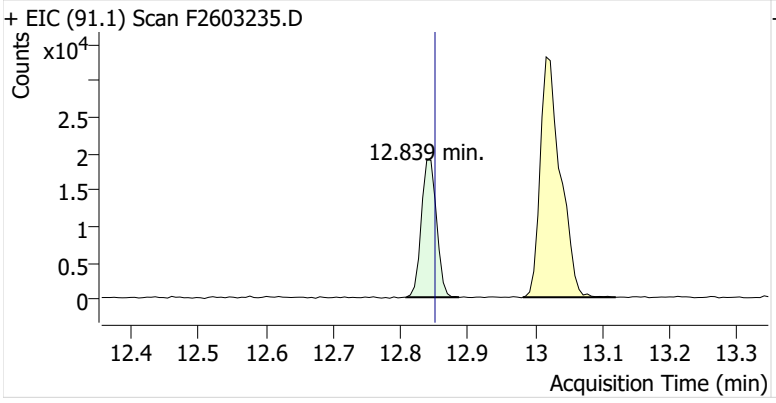


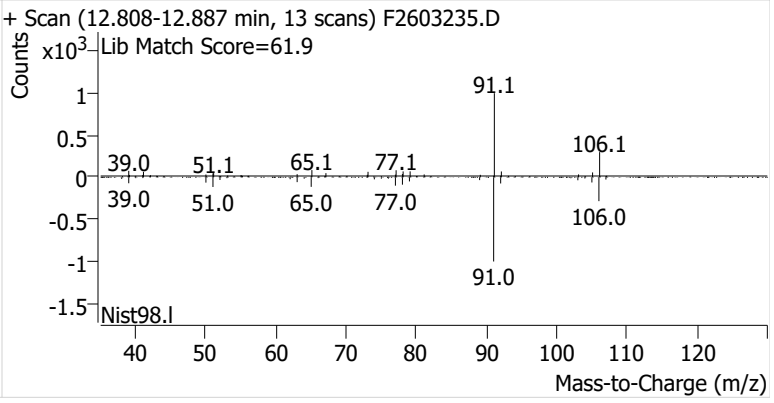
Toluene



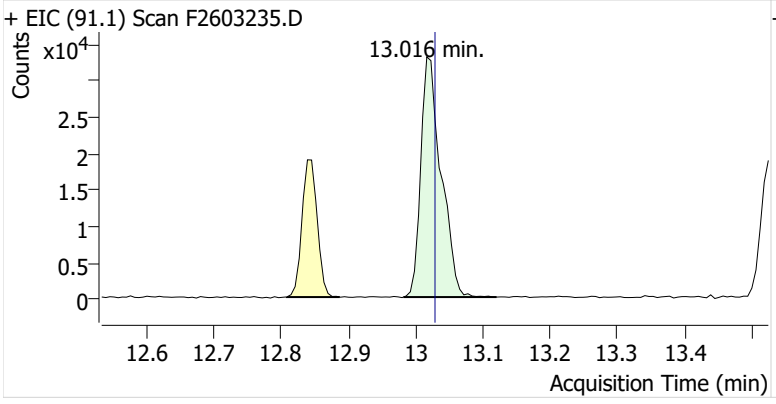


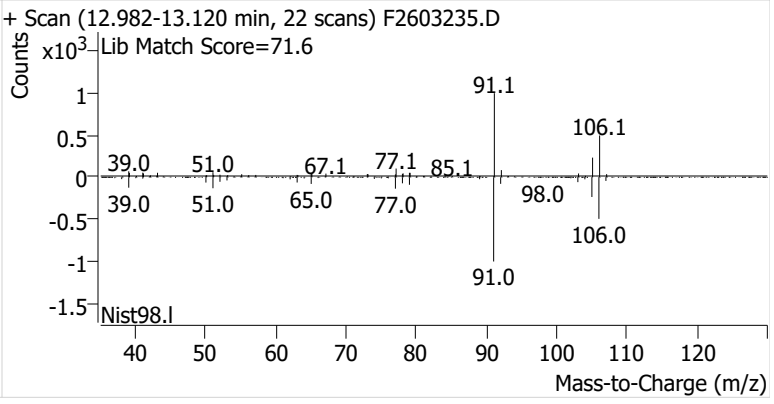
Ethylbenzene



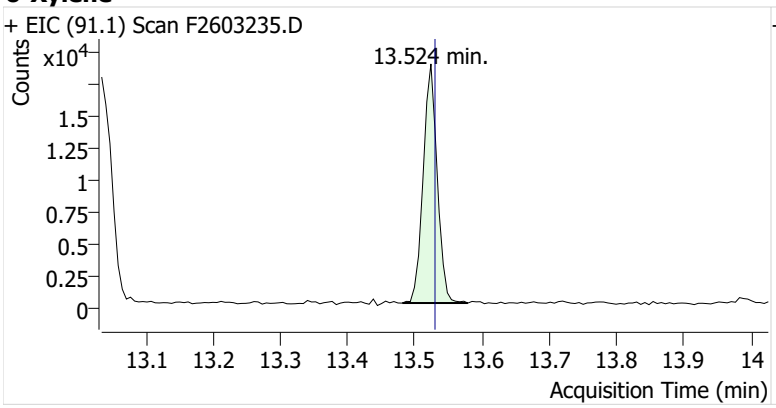


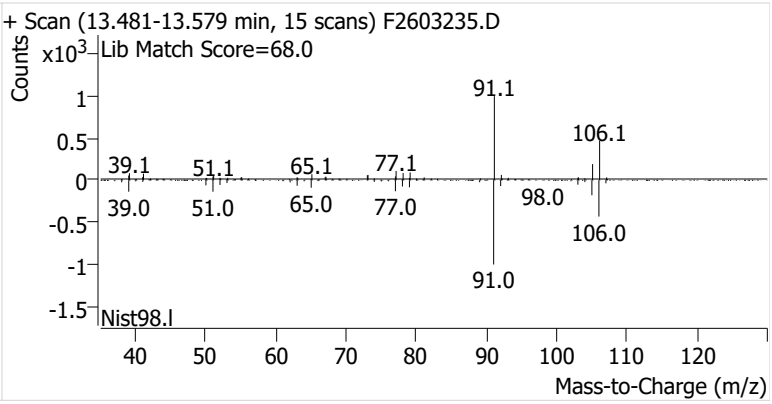
m-/p-Xylenes





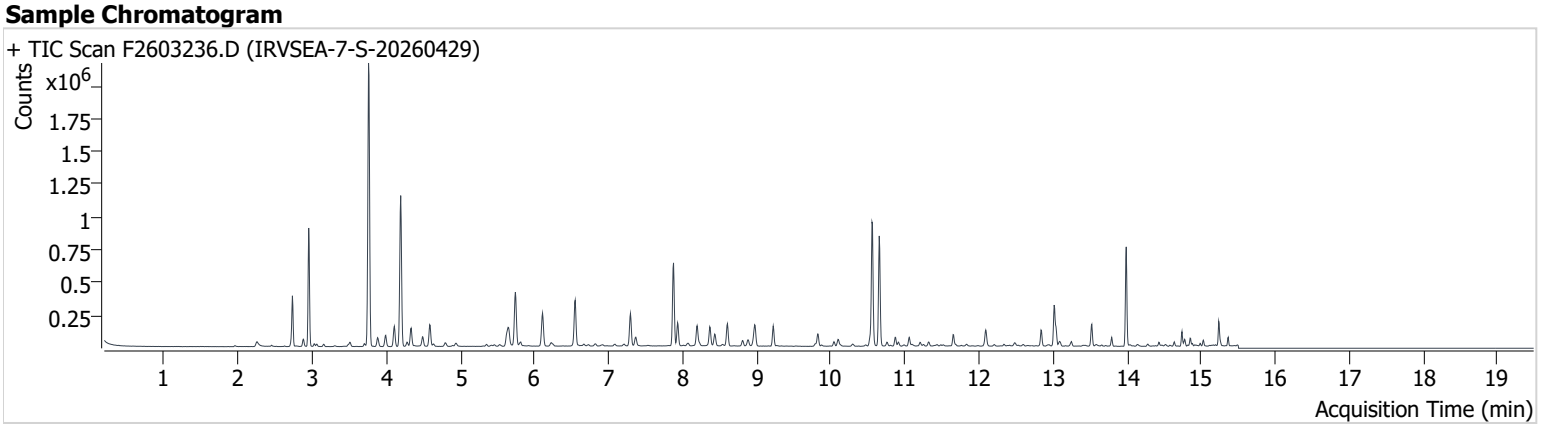
o-Xylene


+ EIC (91.1) Scan F2603235.D
Counts
x10^4
13.524 min.
1.5
1.25
1
0.75
0.5
0.25
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.481-13.579 min, 15 scans) F2603235.D
Counts
x10^3
Lib Match Score=68.0
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

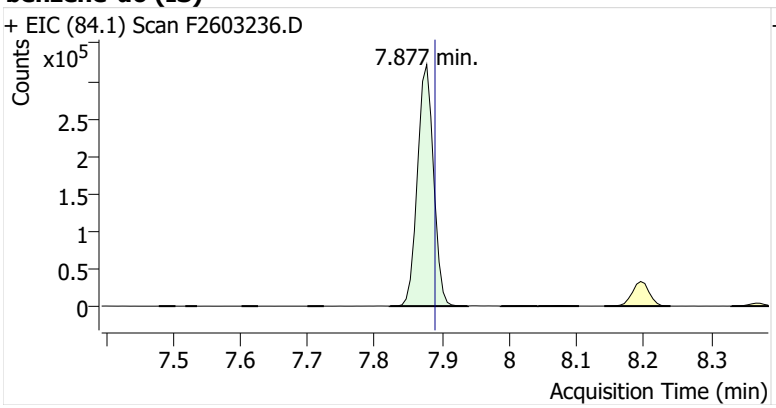
Name	IRVSEA-7-S-20260429
Comment	C65210
Data File	F2603236.D
Acq. Date-Time	5/14/2026 6:18:36 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

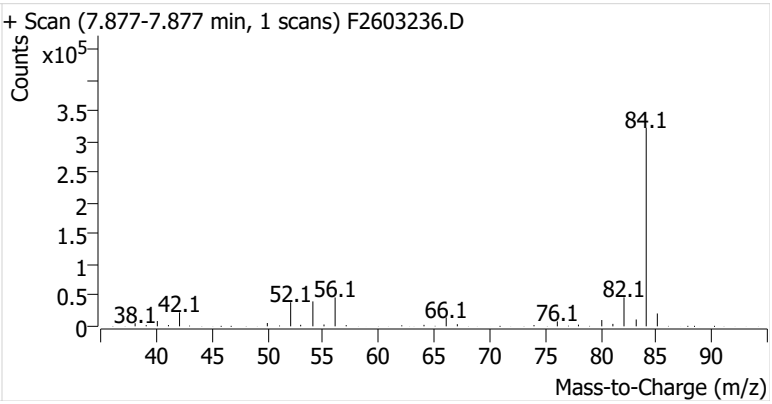
Sample Chromatogram



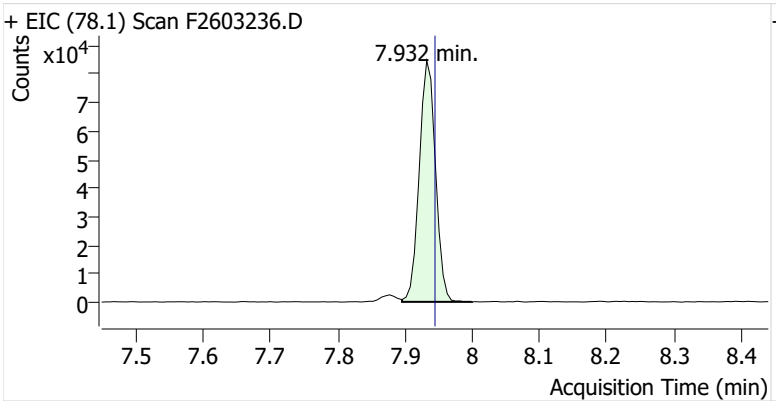
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	533,778	
Benzene	benzene-d6 (IS)	7.932	7.945	141,917	
Toluene-d8 (IS)		10.557	10.569	577,467	
Toluene	Toluene-d8 (IS)	10.655	10.667	505,575	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	79,198	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	232,111	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	91,855	

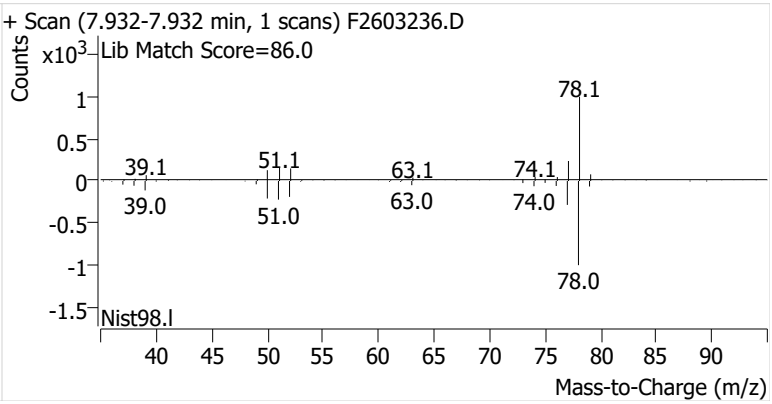
benzene-d6 (IS)



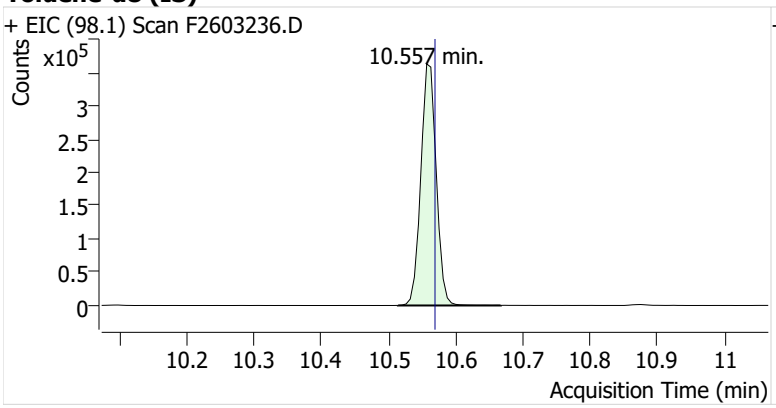


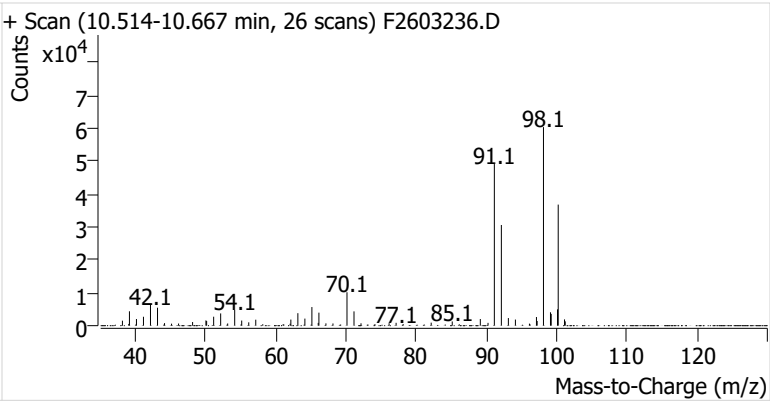
Benzene



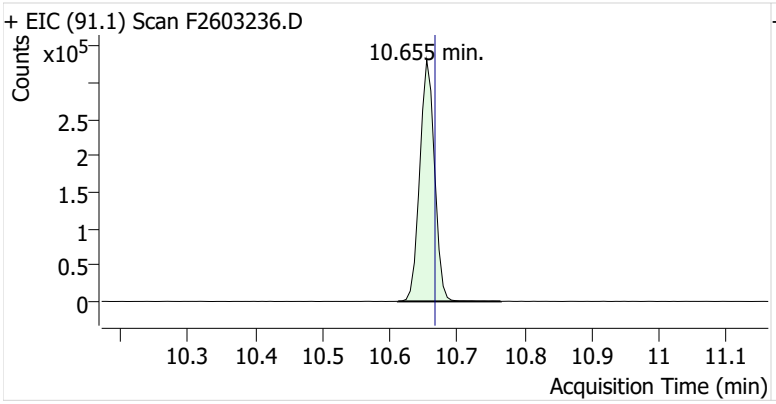


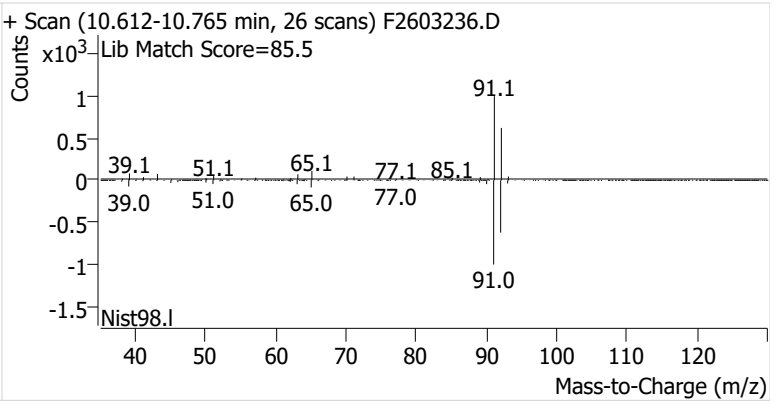
Toluene-d8 (IS)



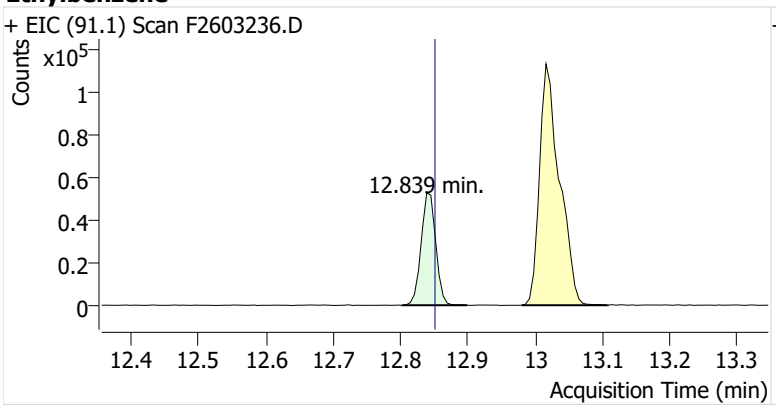


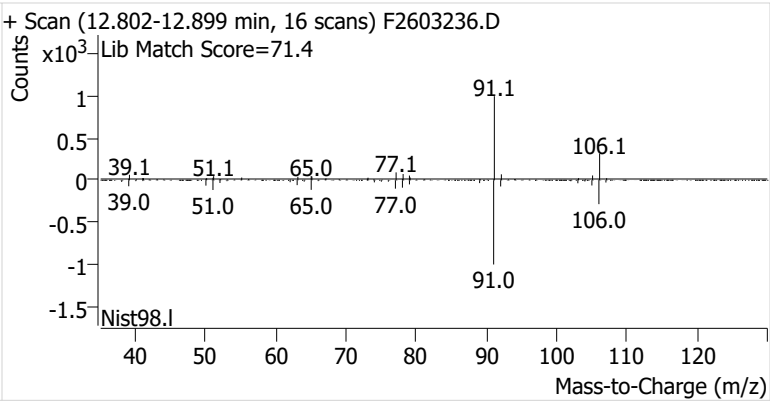
Toluene



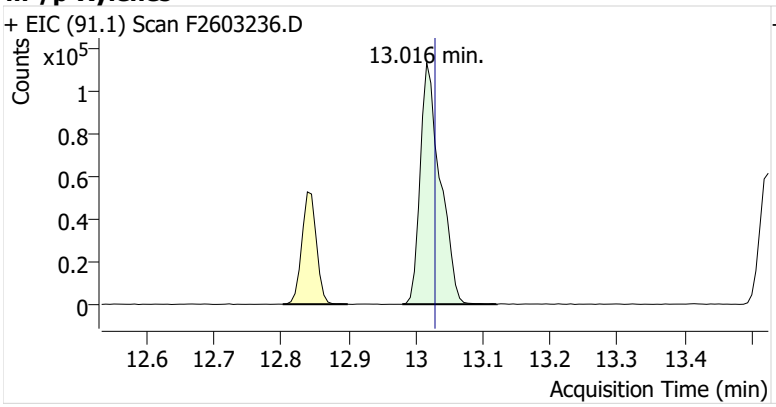


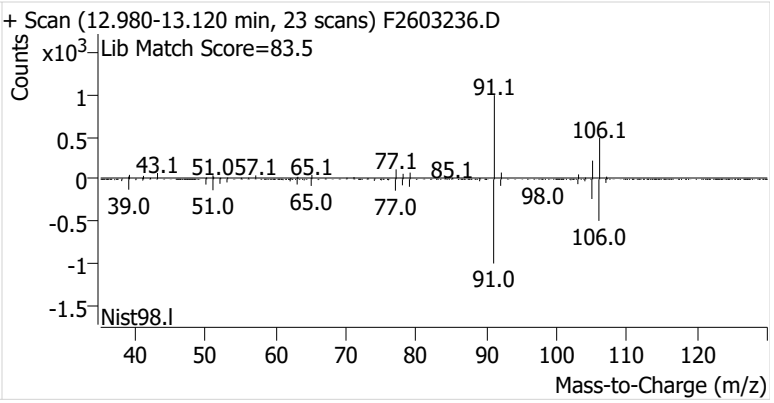
Ethylbenzene



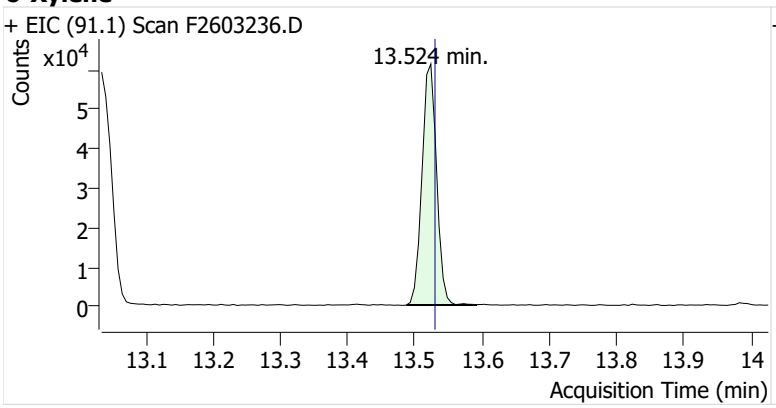


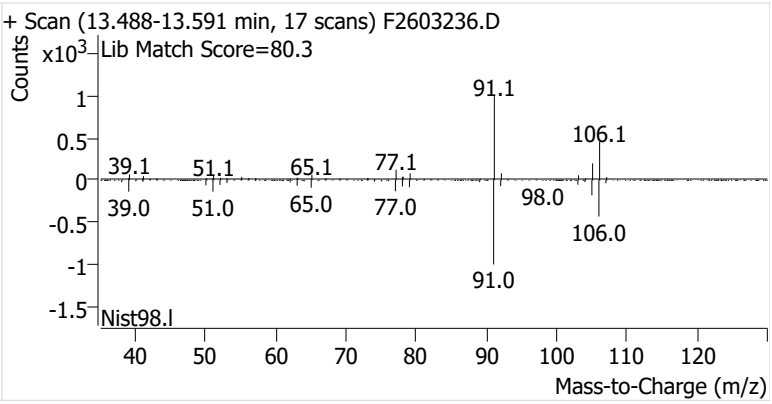
m-/p-Xylenes





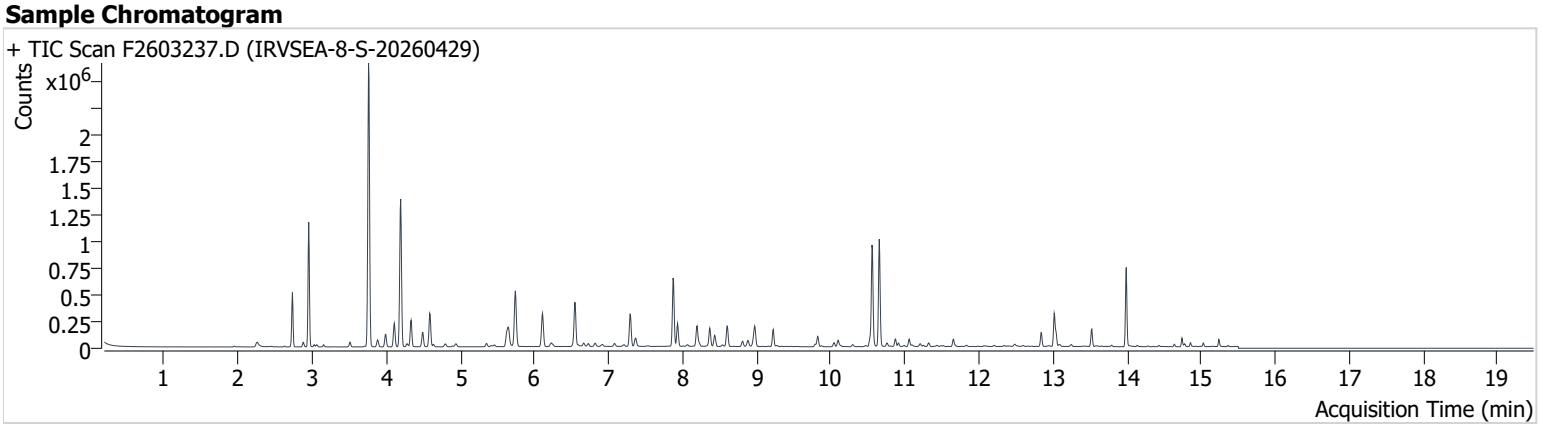
o-Xylene


+ EIC (91.1) Scan F2603236.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.488-13.591 min, 17 scans) F2603236.D
Counts
x10^3
Lib Match Score=80.3
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

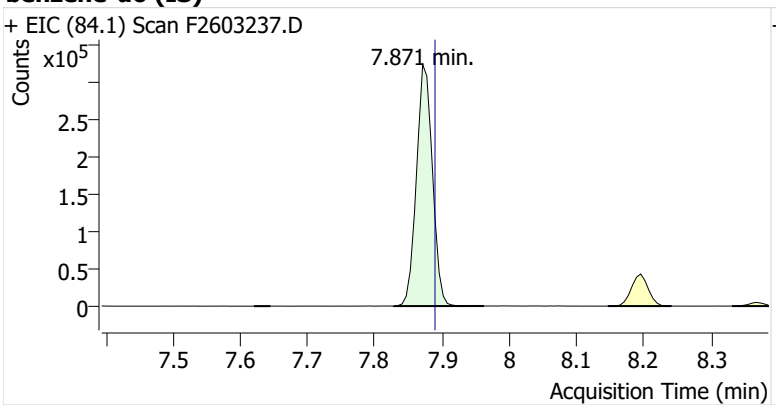
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Comment	B53299
Data File	F2603237.D
Acq. Date-Time	5/14/2026 6:44:06 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

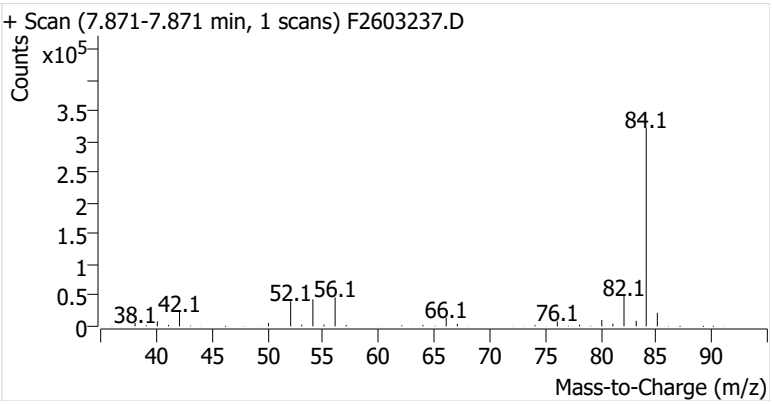
Sample Chromatogram



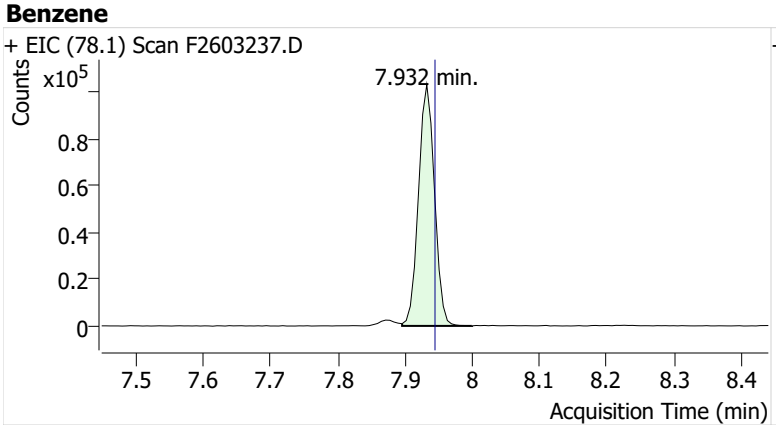
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	532,392	
Benzene	benzene-d6 (IS)	7.932	7.945	170,320	
Toluene-d8 (IS)		10.557	10.569	577,292	
Toluene	Toluene-d8 (IS)	10.655	10.667	605,783	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	88,051	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	227,184	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	91,977	

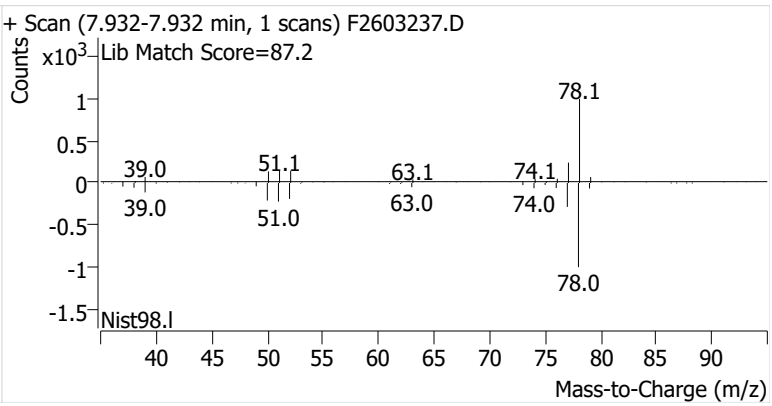
benzene-d6 (IS)



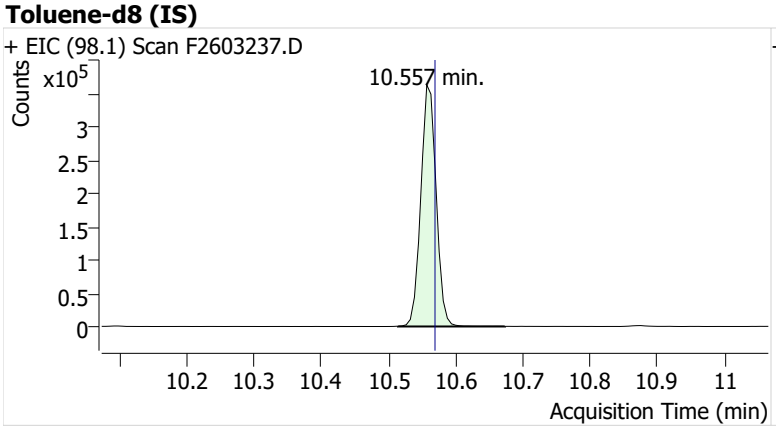


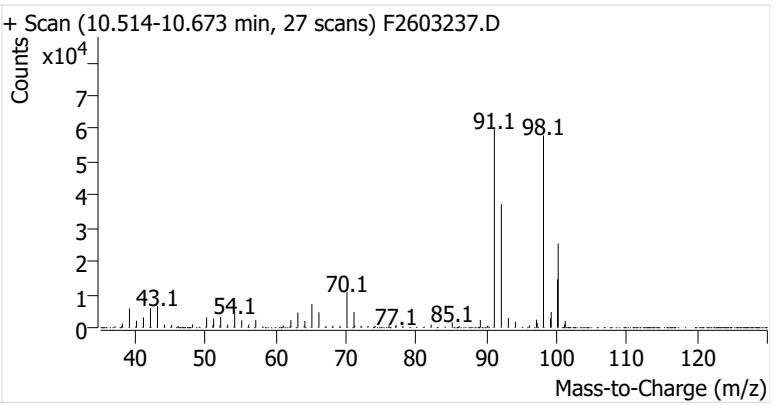
Benzene



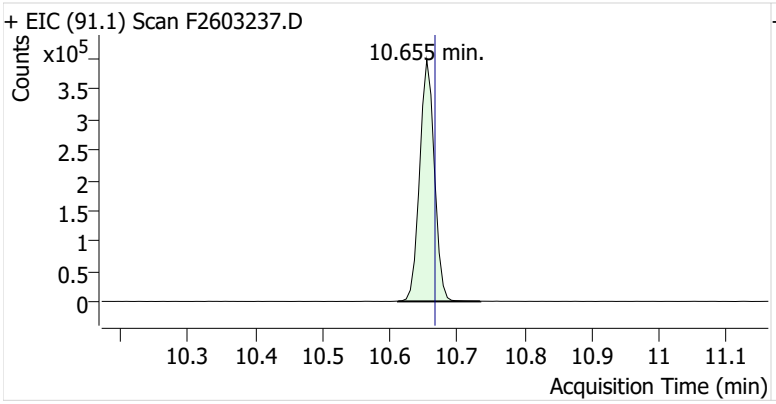


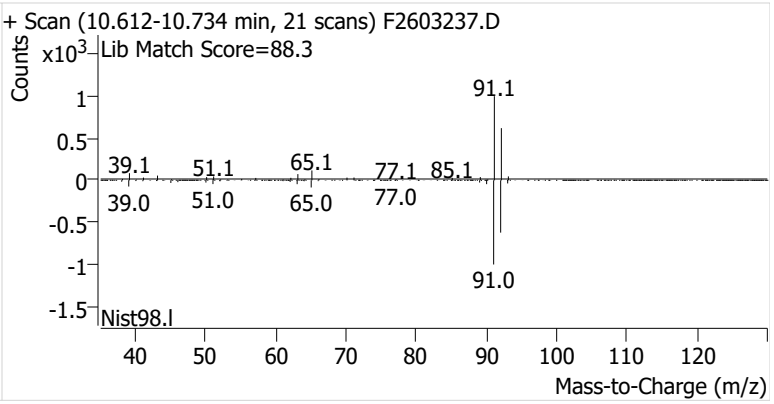
Toluene-d8 (IS)



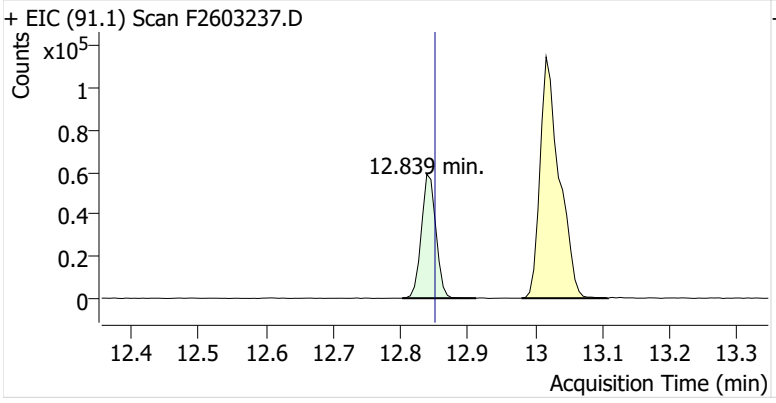


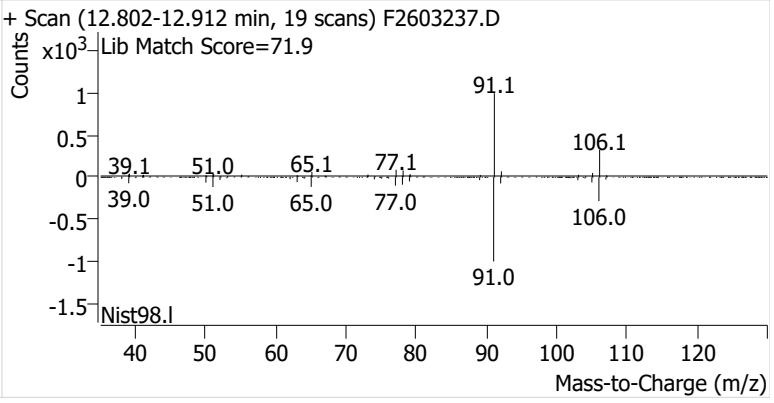
Toluene



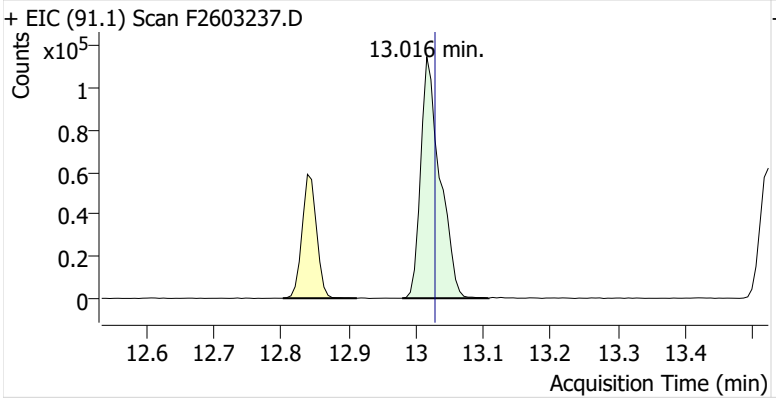


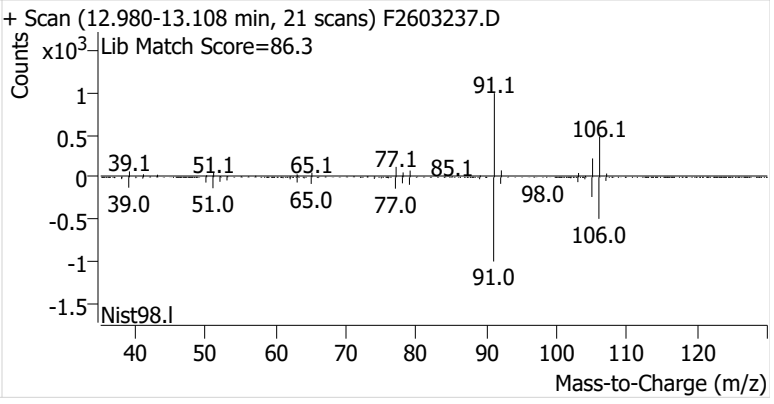
Ethylbenzene



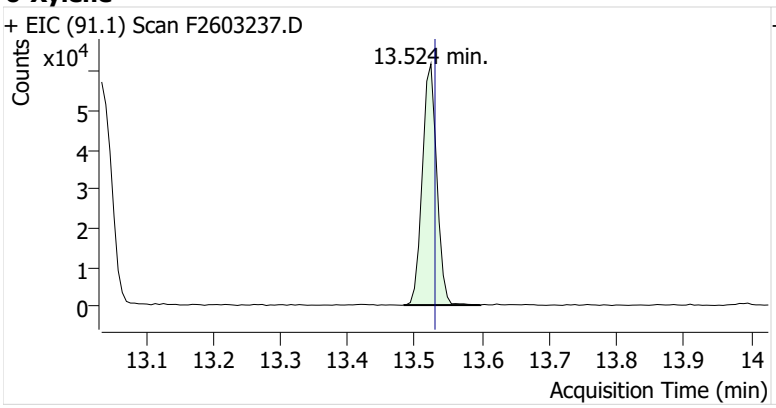


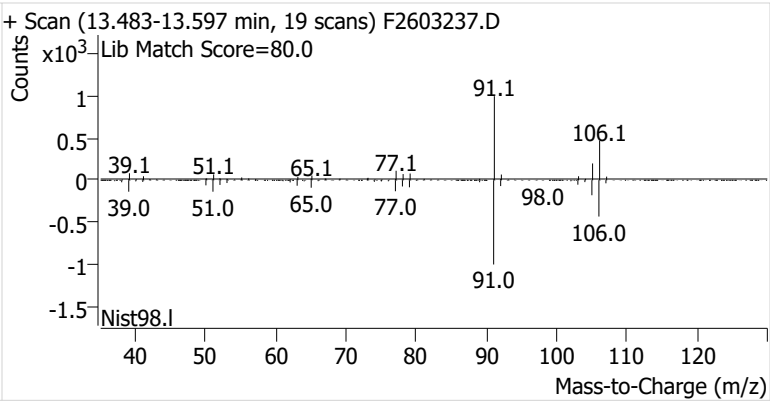
m-/p-Xylenes





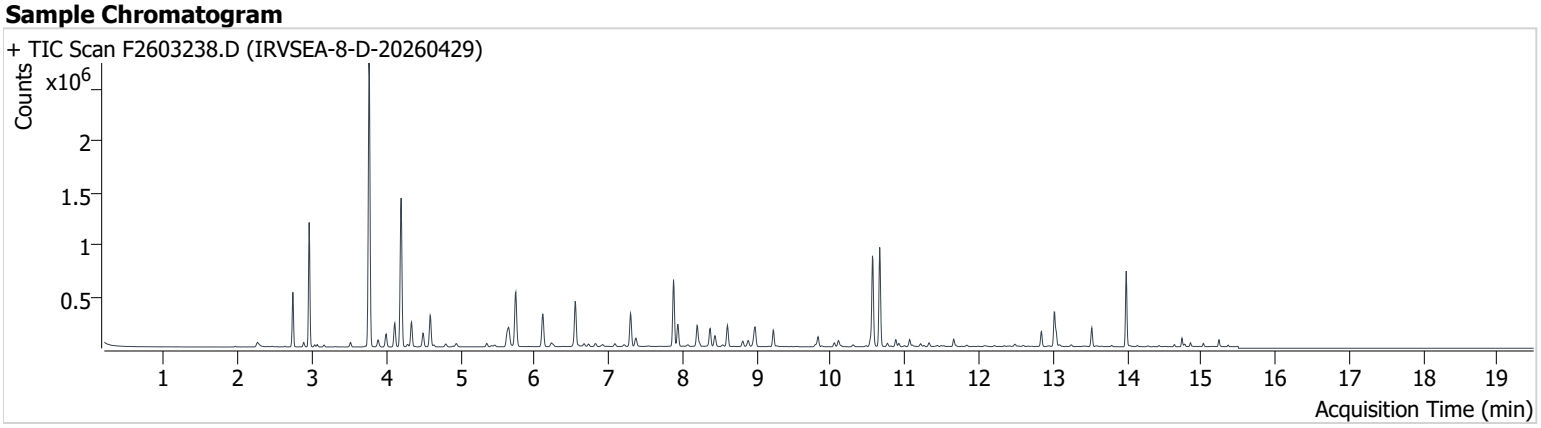
o-Xylene


+ EIC (91.1) Scan F2603237.D
Counts
x10^4
13.524 min.
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.483-13.597 min, 19 scans) F2603237.D
Counts
x10^3
Lib Match Score=80.0
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

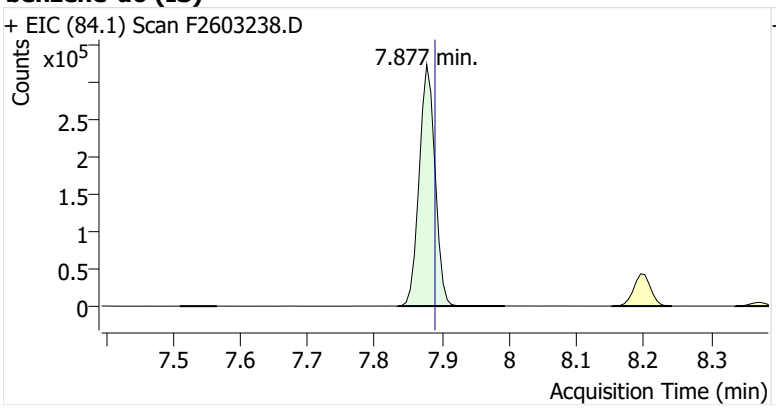
Name	IRVSEA-8-D-20260429
Comment	B46244
Data File	F2603238.D
Acq. Date-Time	5/14/2026 7:09:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

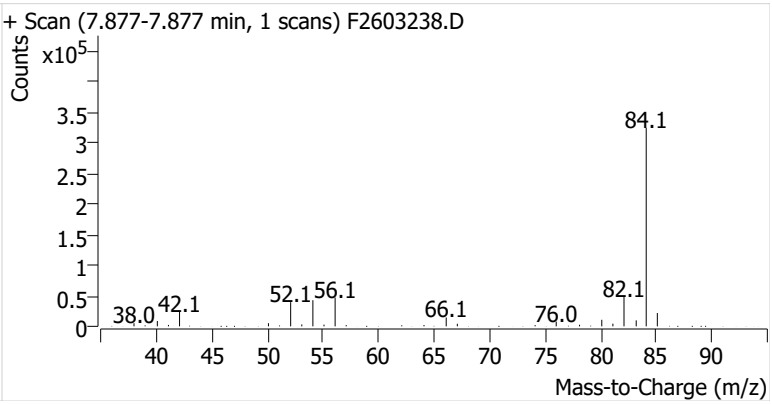
Sample Chromatogram



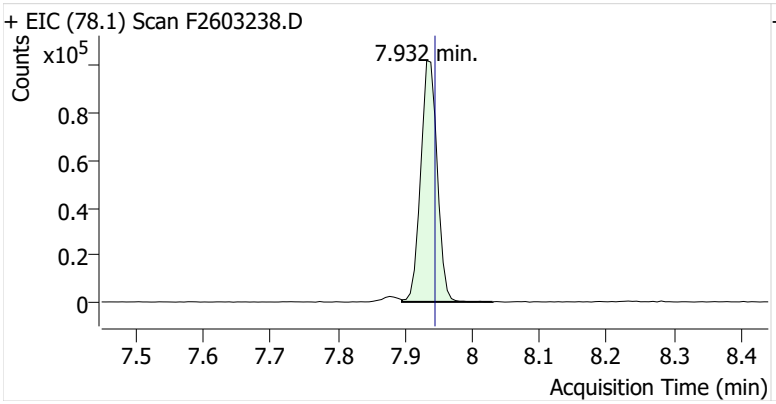
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	531,575	
Benzene	benzene-d6 (IS)	7.932	7.945	173,820	
Toluene-d8 (IS)		10.563	10.569	526,718	
Toluene	Toluene-d8 (IS)	10.661	10.667	573,585	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	96,317	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	256,073	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	101,659	

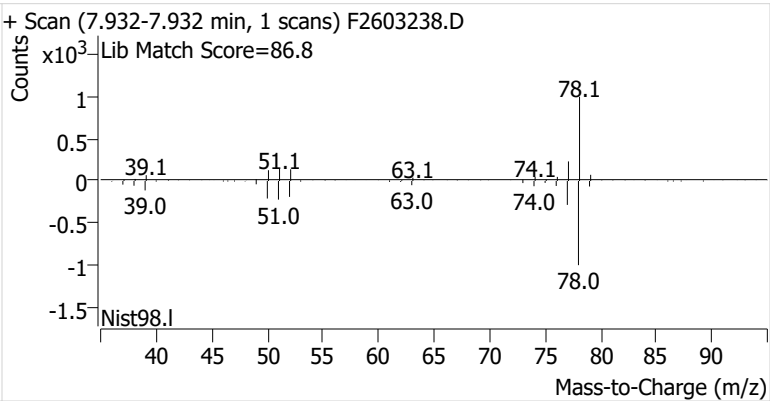
benzene-d6 (IS)



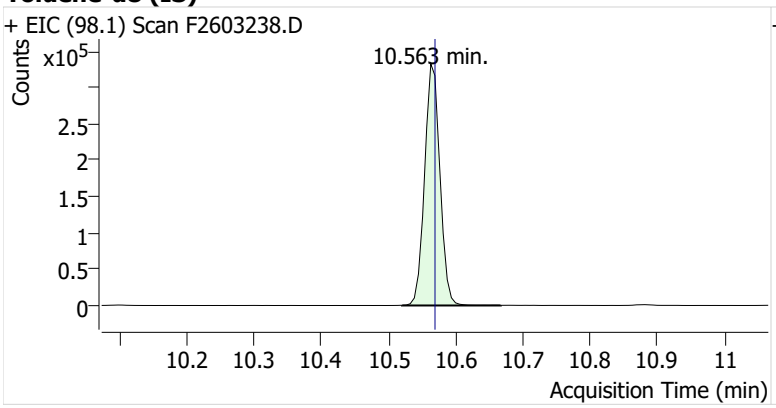


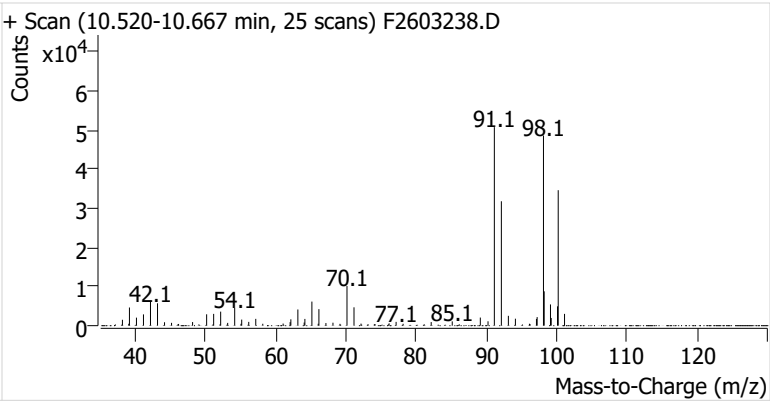
Benzene



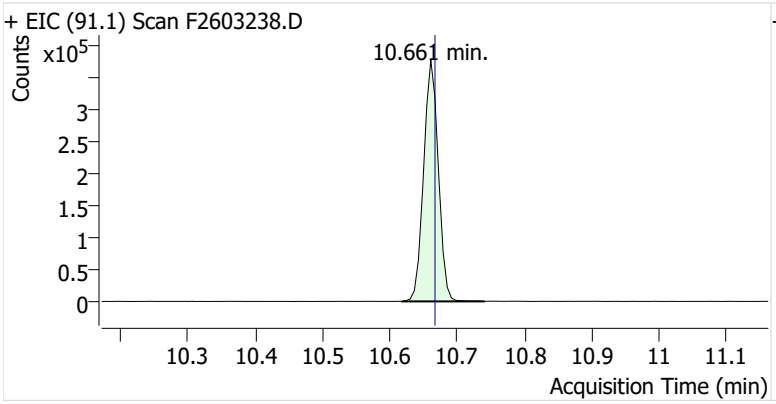


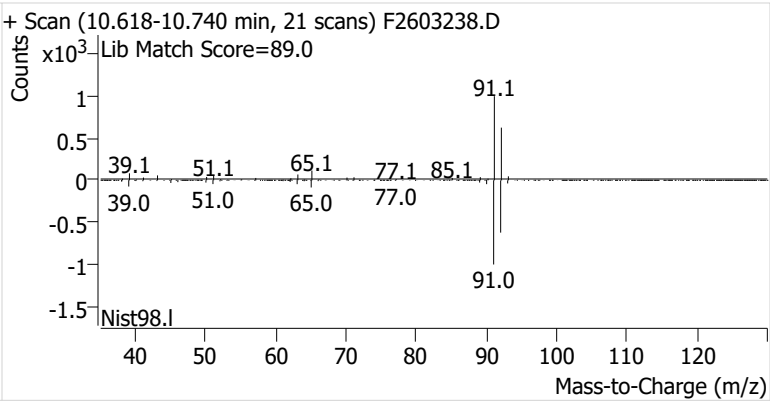
Toluene-d8 (IS)



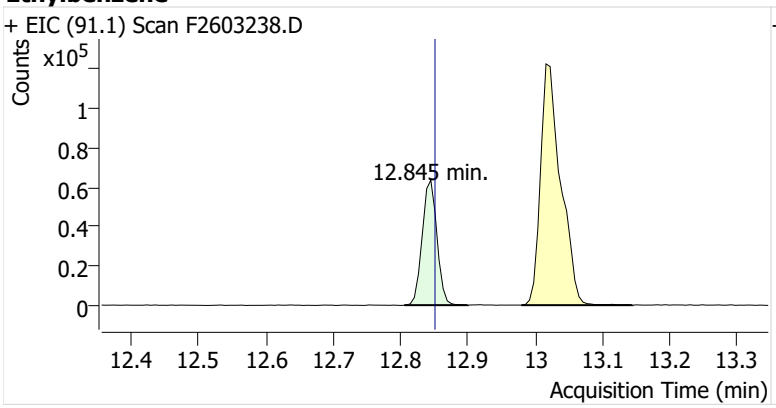


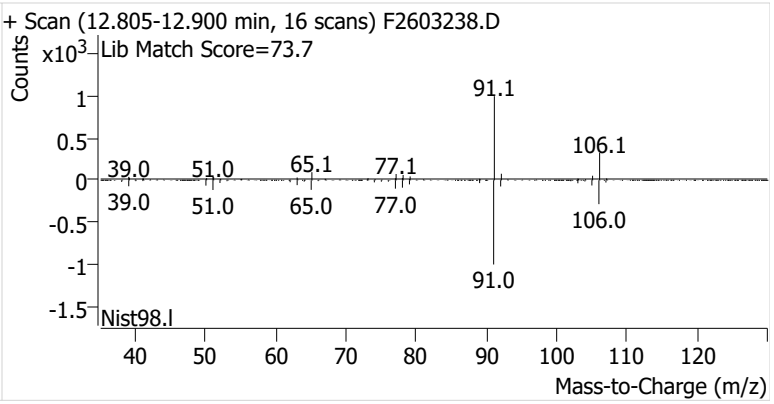
Toluene



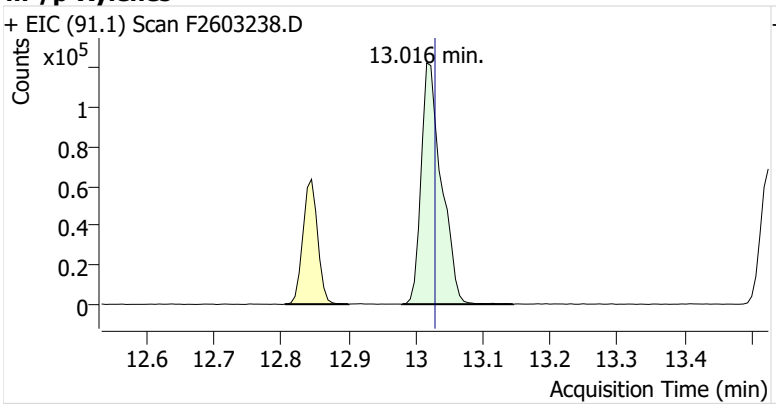


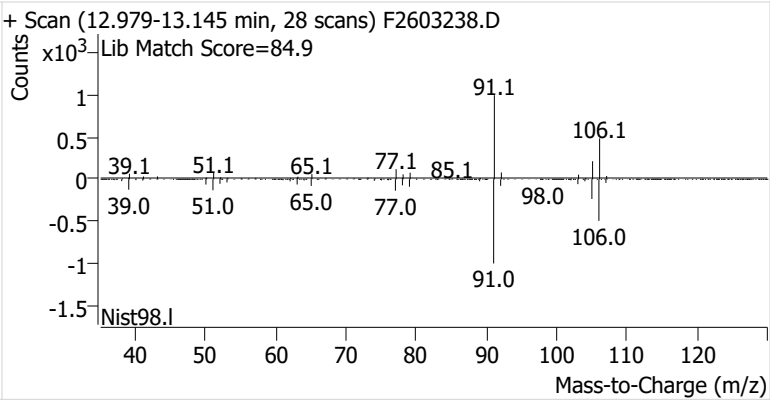
Ethylbenzene



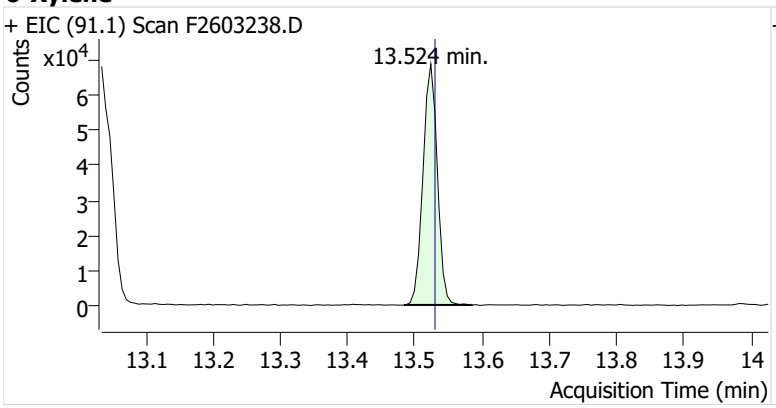


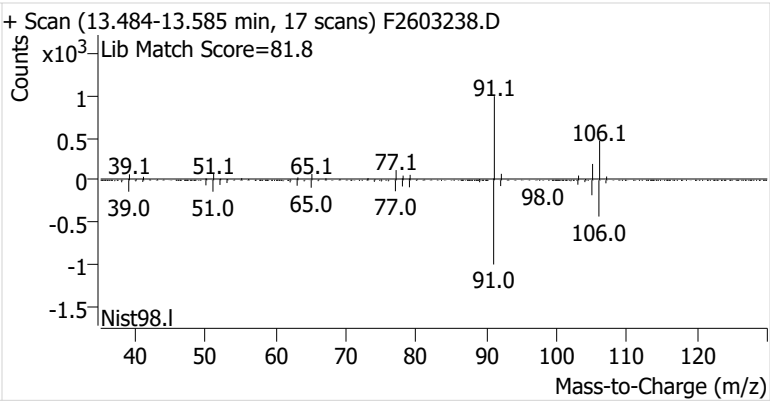
m-/p-Xylenes





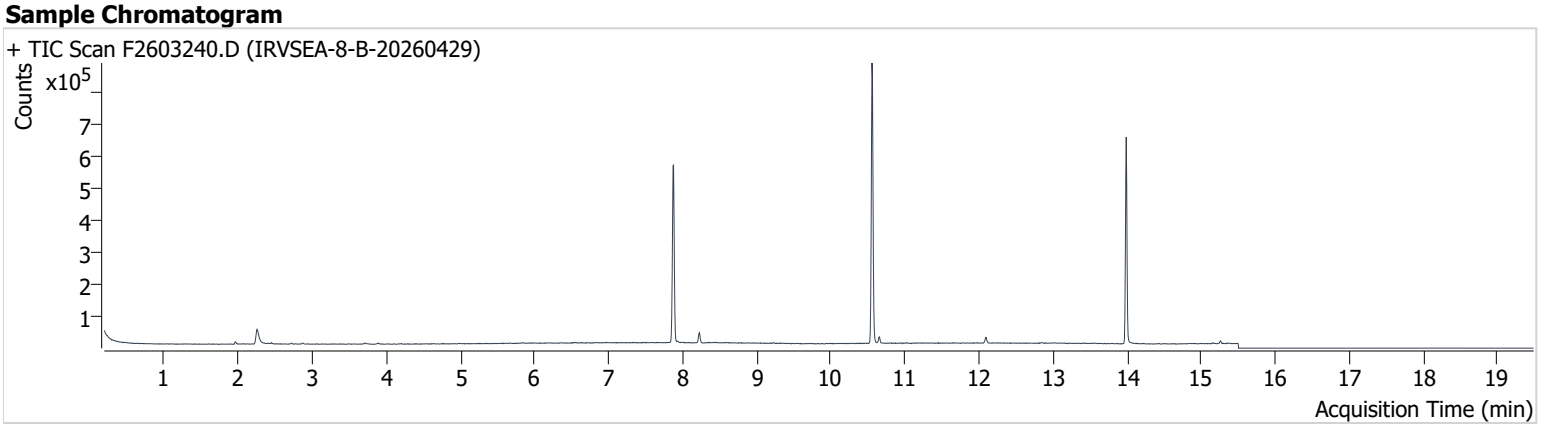
o-Xylene


+ EIC (91.1) Scan F2603238.D
Counts
x10^4
13.524 min.
6
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.484-13.585 min, 17 scans) F2603238.D
Counts
x10^3
Lib Match Score=81.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

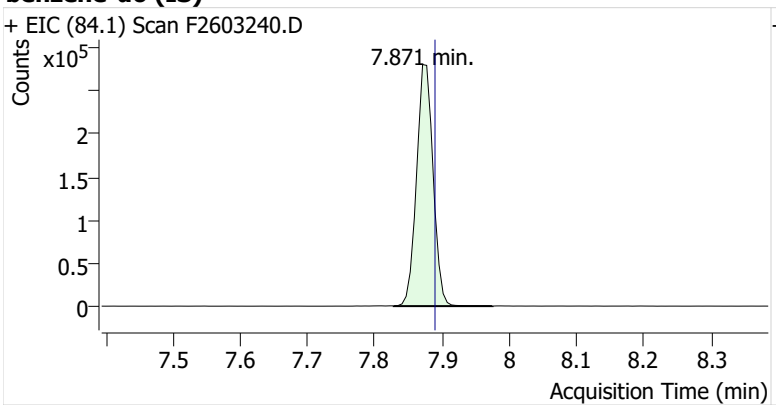
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Comment	C37509
Data File	F2603240.D
Acq. Date-Time	5/14/2026 7:58:40 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

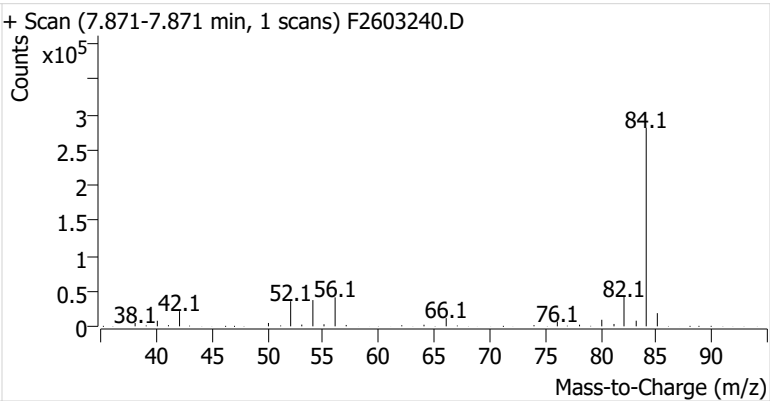
Sample Chromatogram



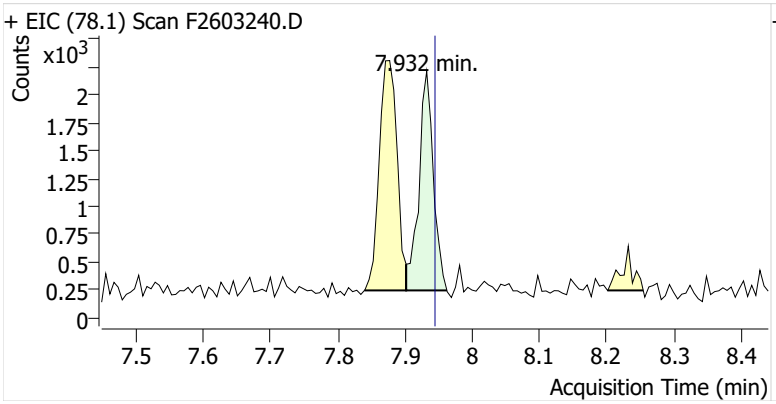
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	481,311	
Benzene	benzene-d6 (IS)	7.932	7.945	2,925	
Toluene-d8 (IS)		10.557	10.569	527,629	
Toluene	Toluene-d8 (IS)	10.655	10.667	12,211	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	1,035	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	959	
o-Xylene	Toluene-d8 (IS)	13.518	13.530	586	

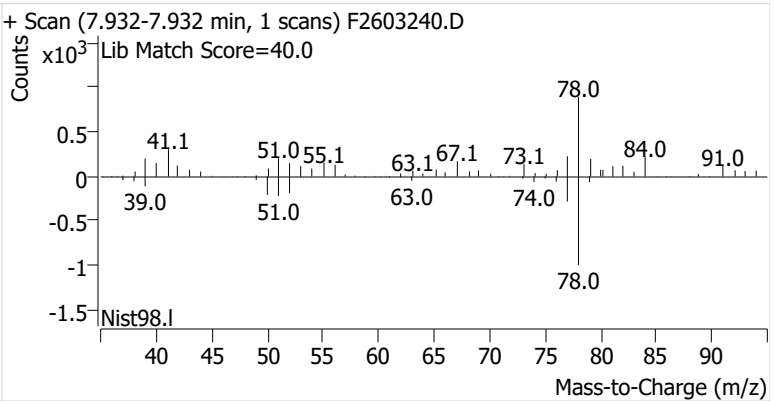
benzene-d6 (IS)



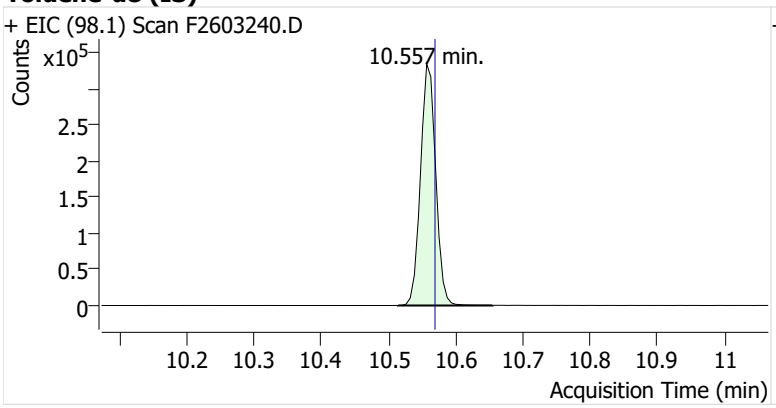


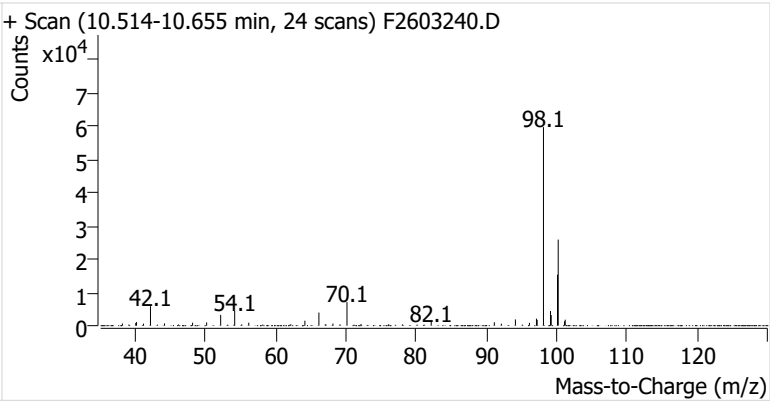
Benzene



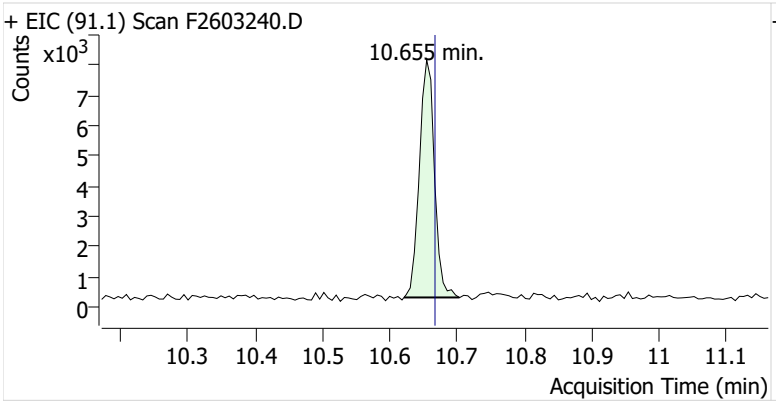


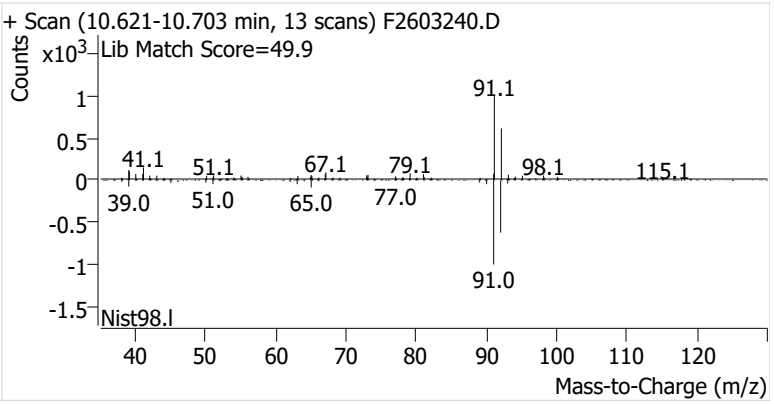
Toluene-d8 (IS)



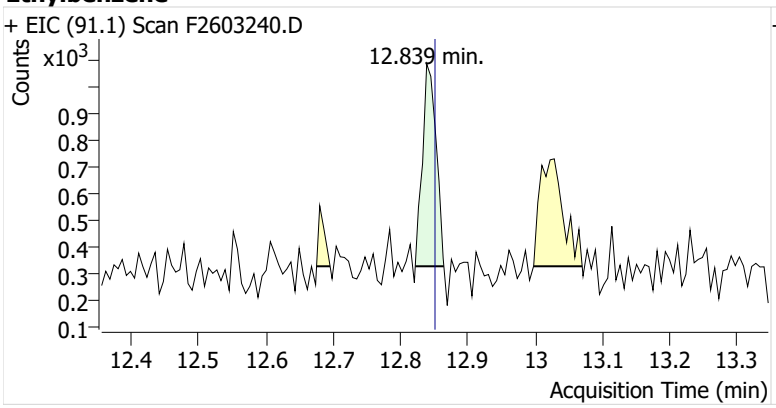


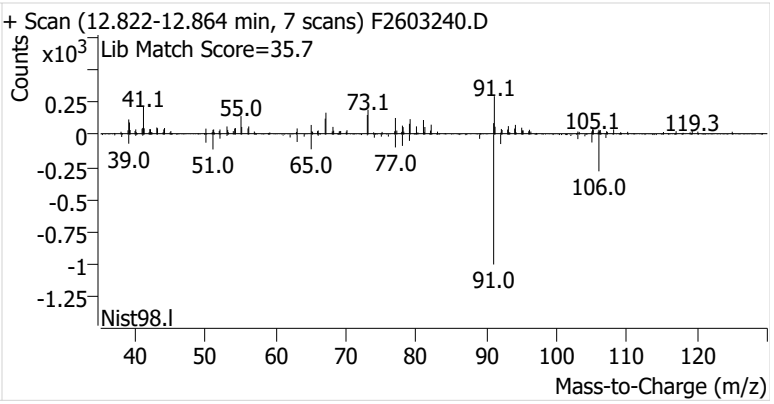
Toluene



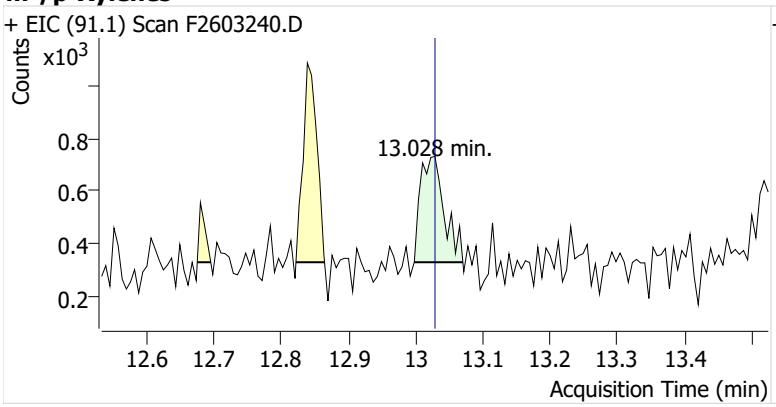


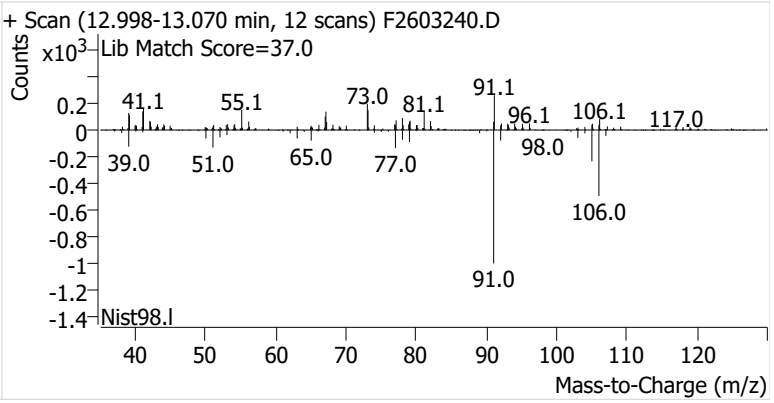
Ethylbenzene



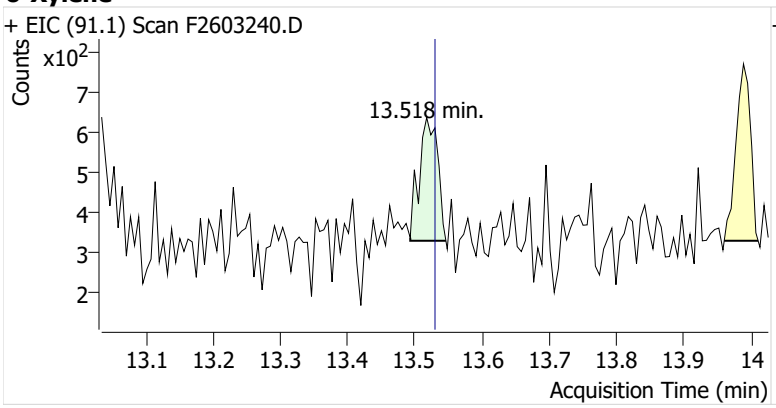


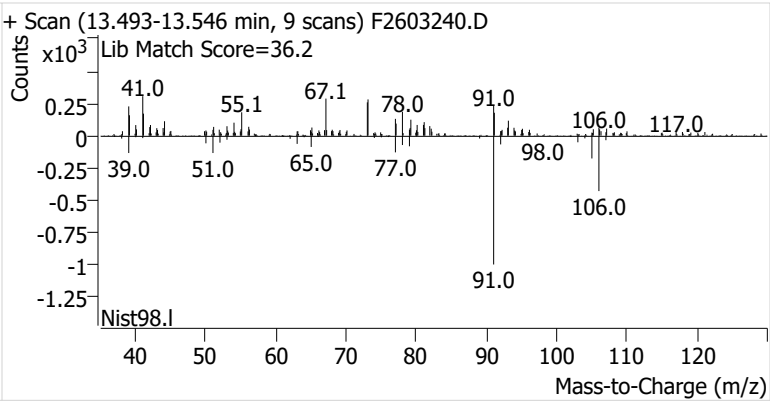
m-/p-Xylenes





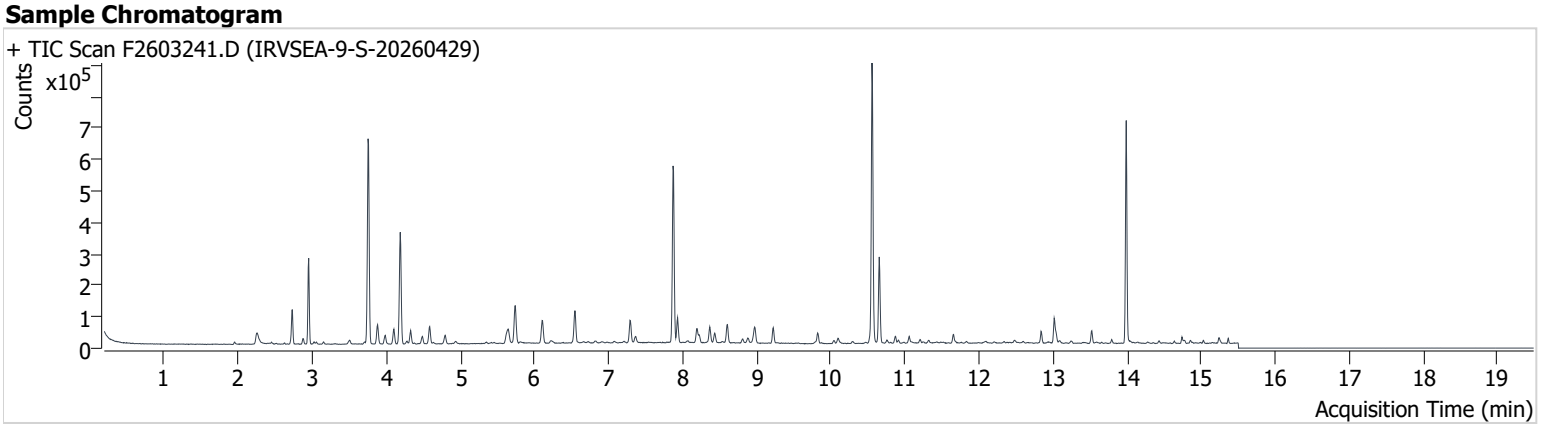
o-Xylene


+ EIC (91.1) Scan F2603240.D
Counts
x10^2
13.518 min.
Acquisition Time (min)


+ Scan (13.493-13.546 min, 9 scans) F2603240.D
Counts
x10^3
Lib Match Score=36.2
Nist98.l
Mass-to-Charge (m/z)

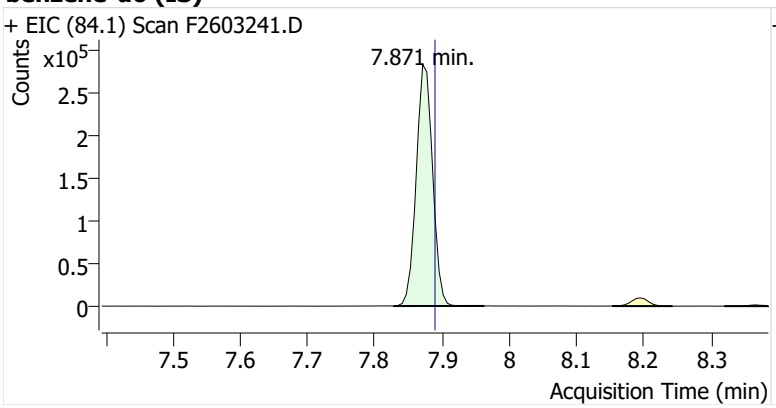
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Comment	C01664
Data File	F2603241.D
Acq. Date-Time	5/14/2026 8:24:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

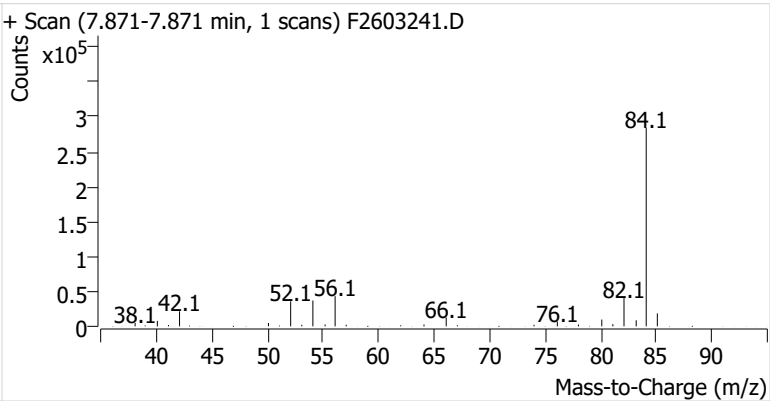
Sample Chromatogram



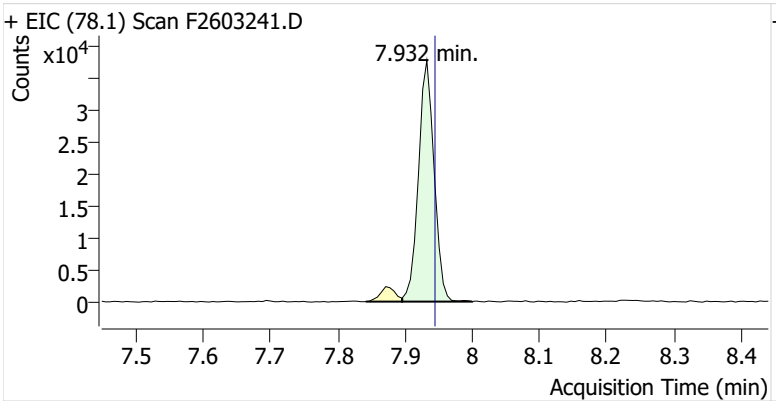
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.889	480,494	
Benzene	benzene-d6 (IS)	7.932	7.945	61,045	
Toluene-d8 (IS)		10.557	10.569	527,849	
Toluene	Toluene-d8 (IS)	10.655	10.667	161,737	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	23,603	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	57,028	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	22,936	

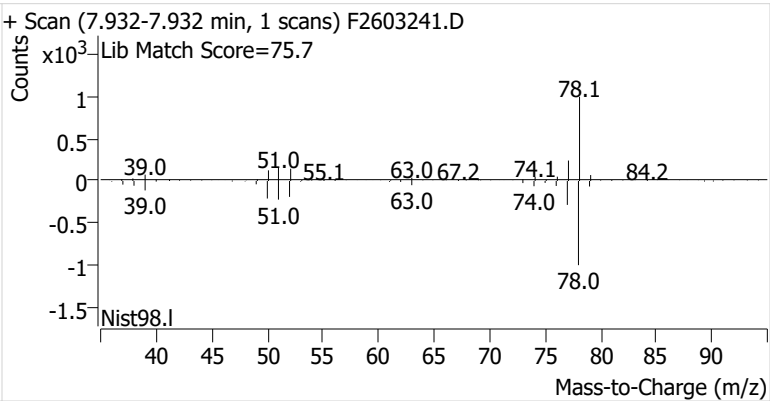
benzene-d6 (IS)



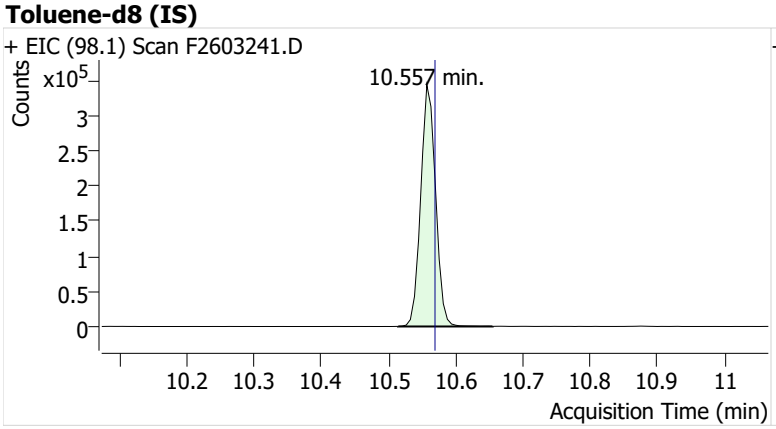


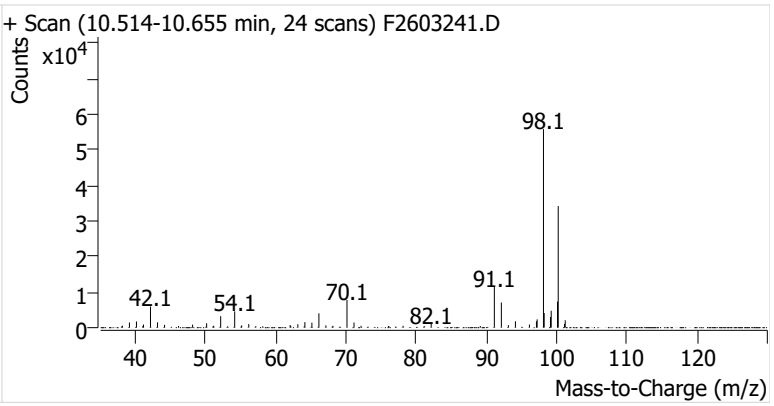
Benzene



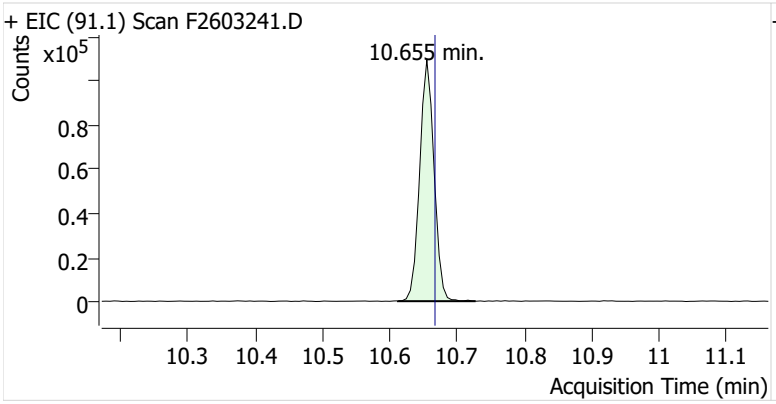


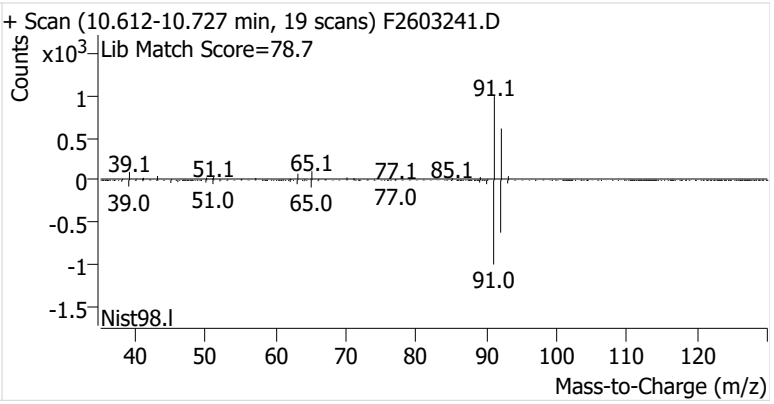
Toluene-d8 (IS)



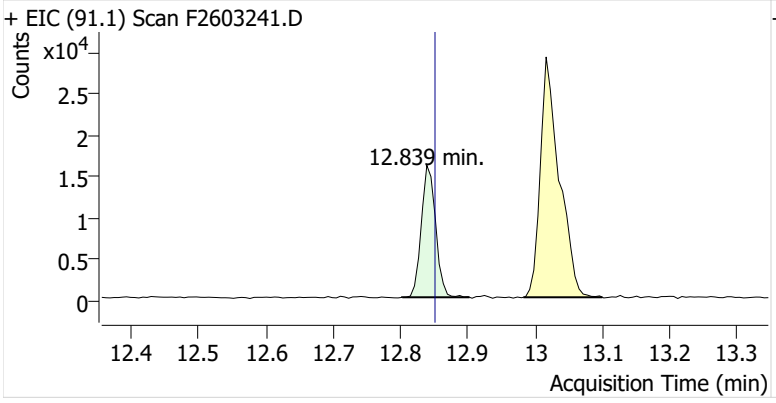


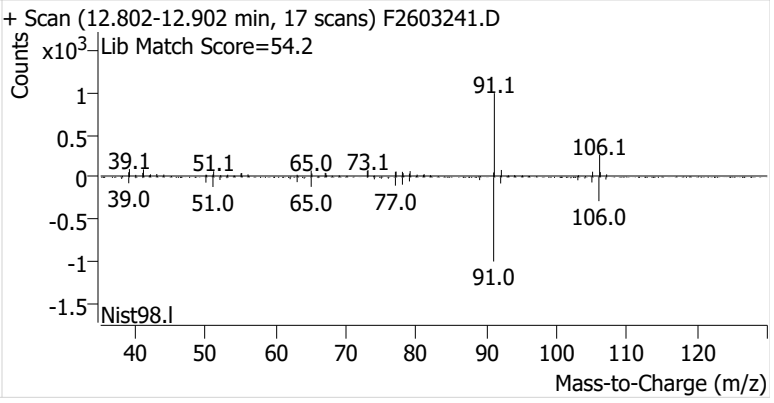
Toluene



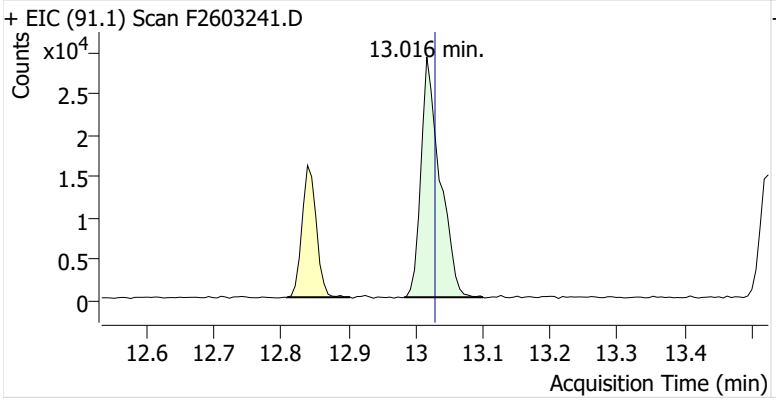


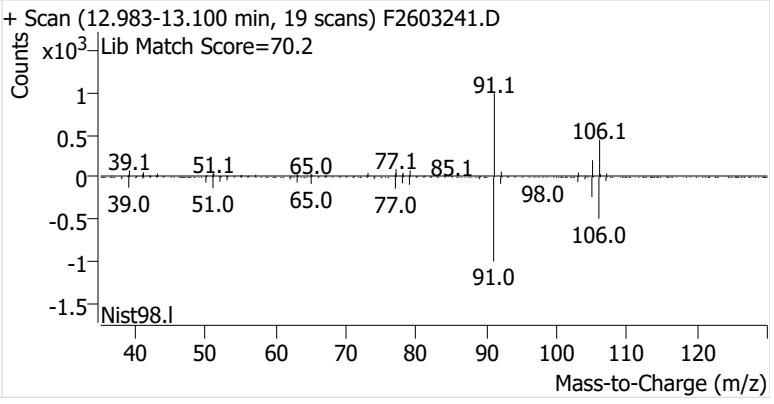
Ethylbenzene



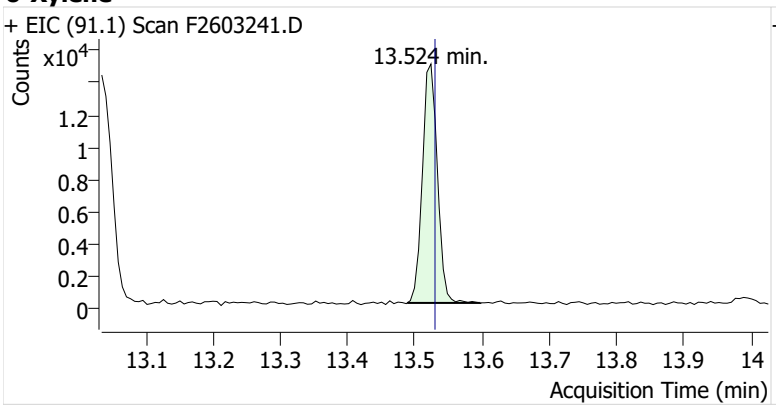


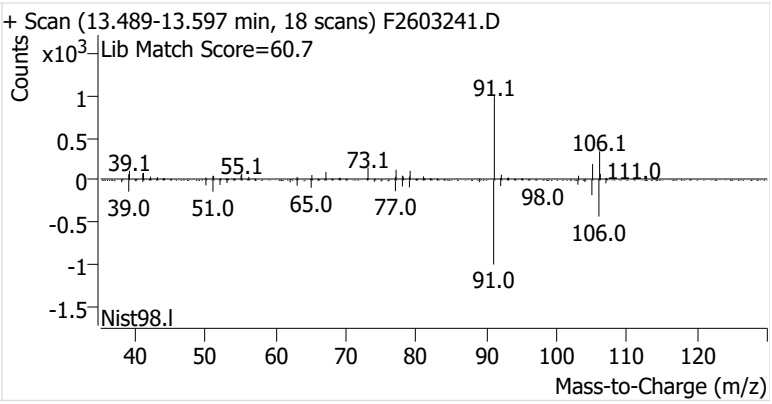
m-/p-Xylenes





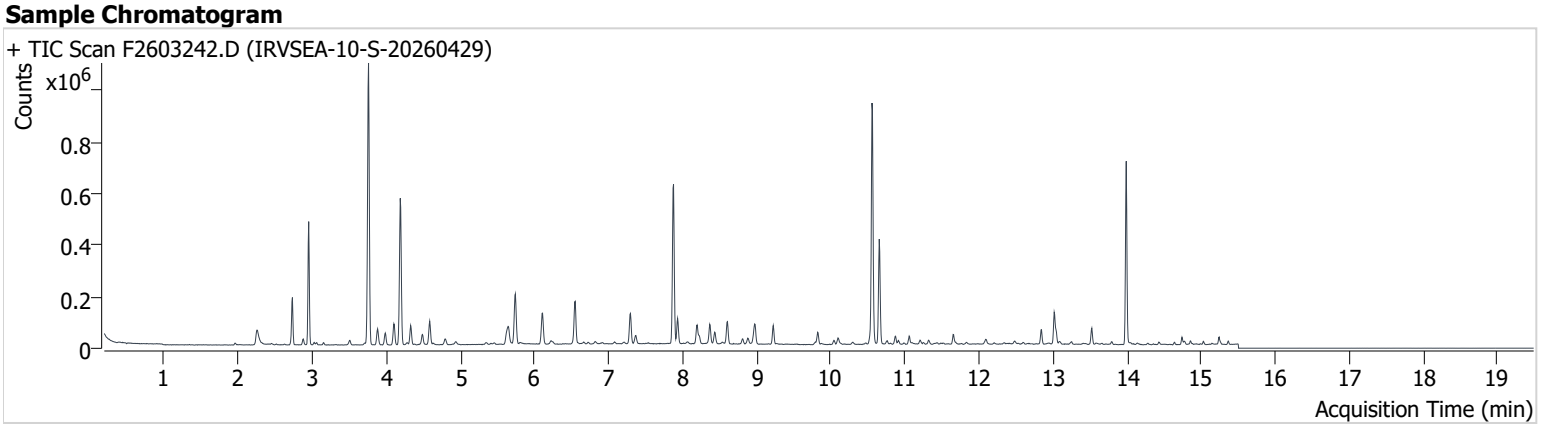
o-Xylene


+ EIC (91.1) Scan F2603241.D
Counts
x10^4
13.524 min.
1.2
1
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.597 min, 18 scans) F2603241.D
Counts
x10^3
Lib Match Score=60.7
91.1
106.1
111.0
39.1
55.1
73.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

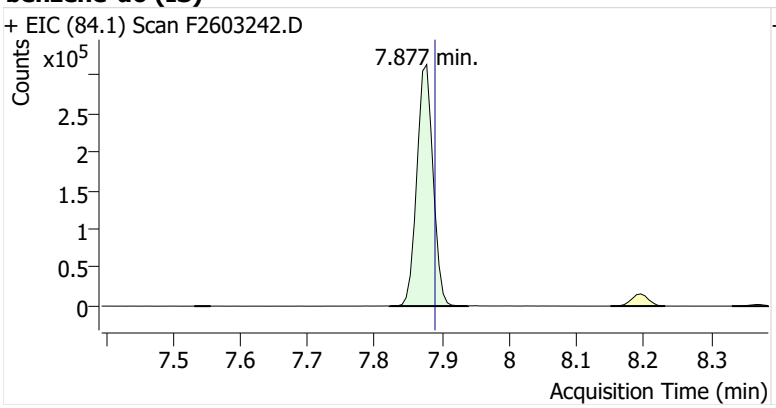
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Comment	C36897
Data File	F2603242.D
Acq. Date-Time	5/14/2026 8:49:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

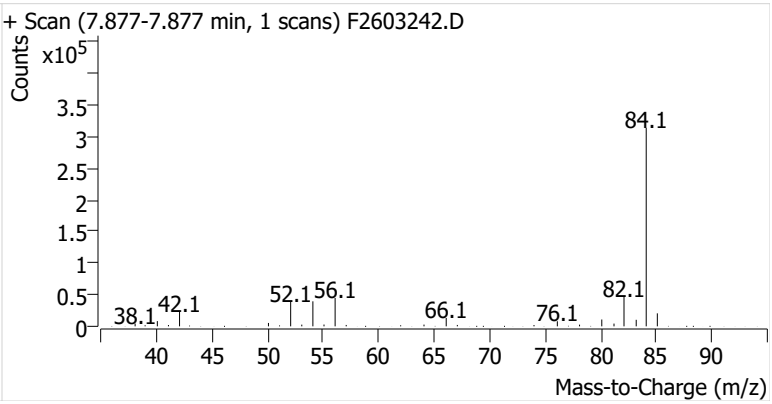
Sample Chromatogram



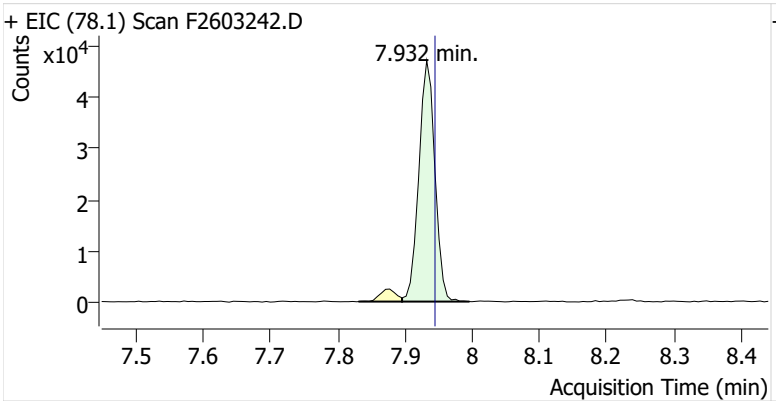
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	524,916	
Benzene	benzene-d6 (IS)	7.932	7.945	77,561	
Toluene-d8 (IS)		10.557	10.569	571,075	
Toluene	Toluene-d8 (IS)	10.655	10.667	245,168	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	37,053	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	91,118	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	34,312	

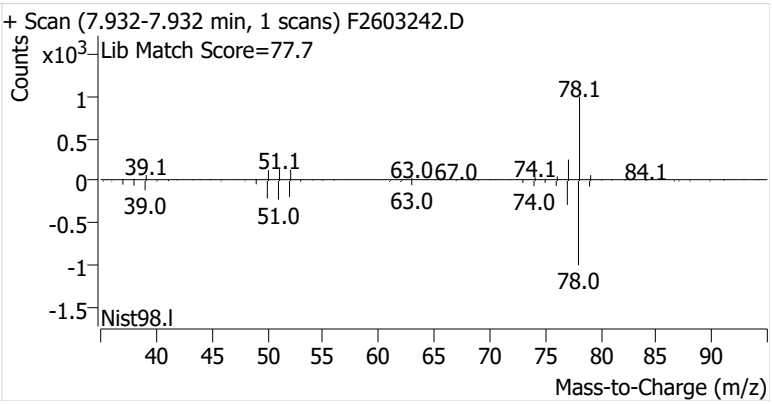
benzene-d6 (IS)



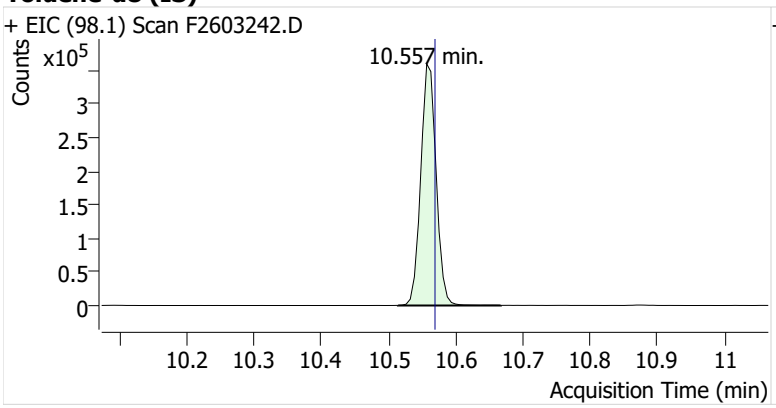


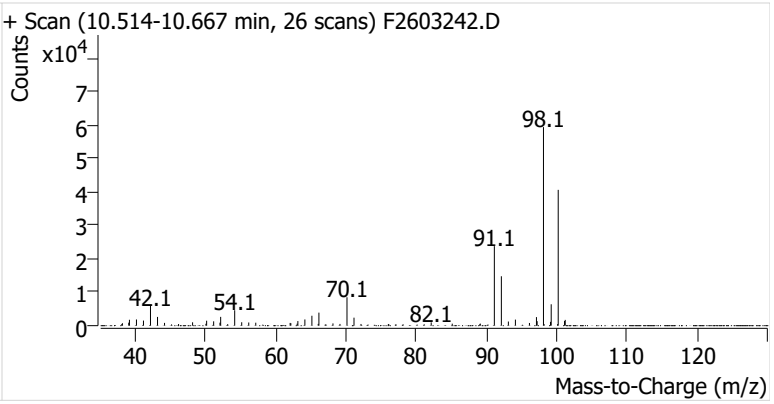
Benzene



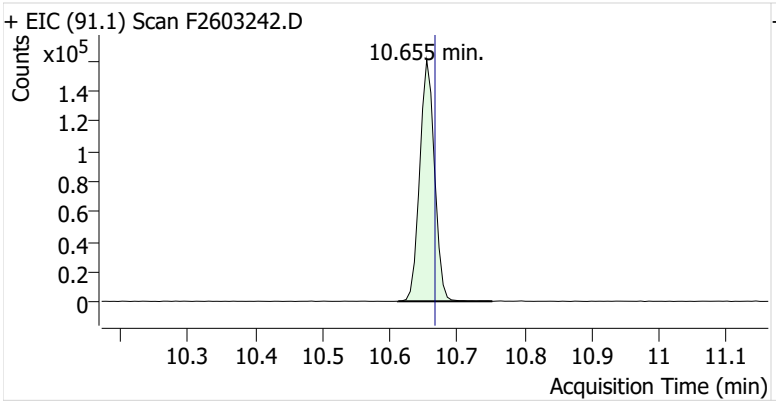


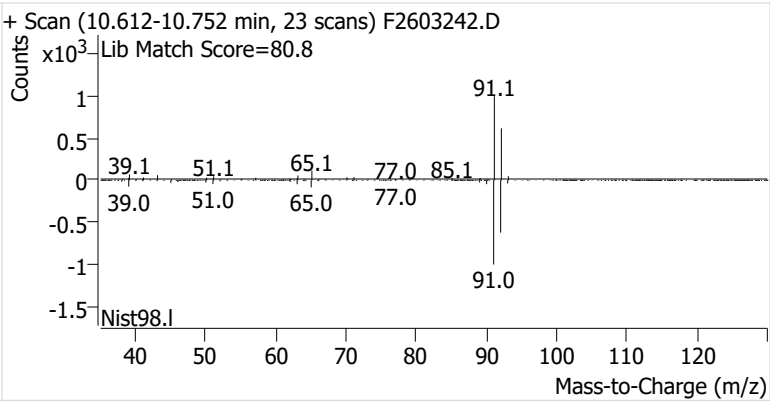
Toluene-d8 (IS)



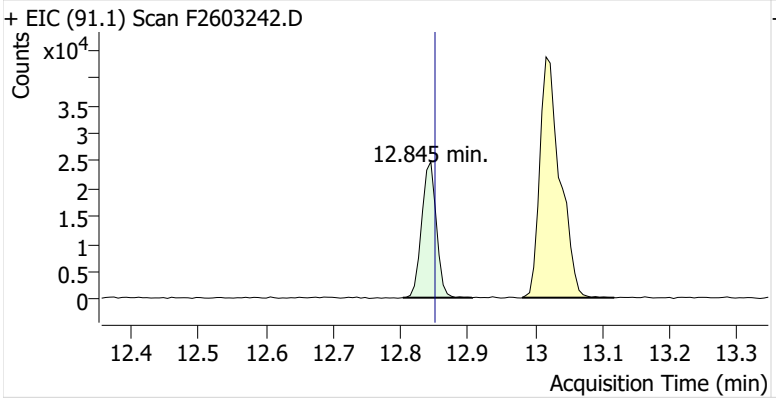


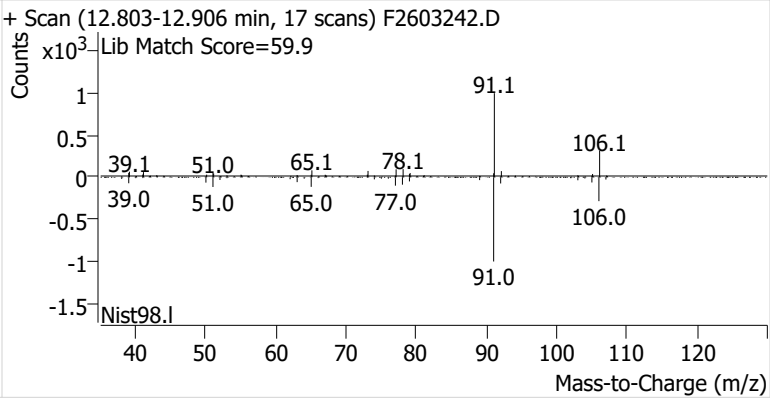
Toluene



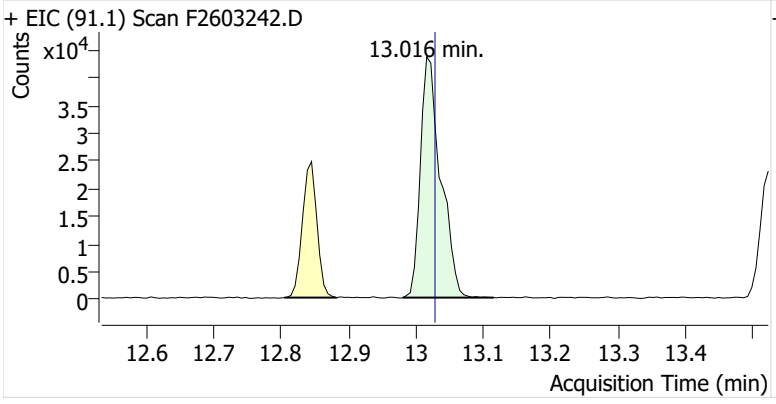


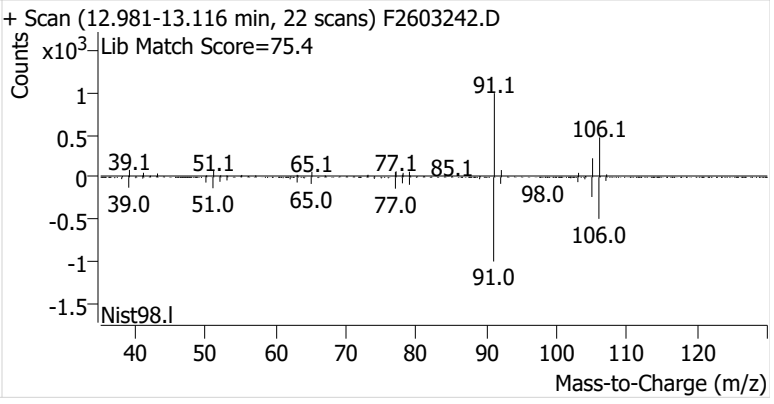
Ethylbenzene



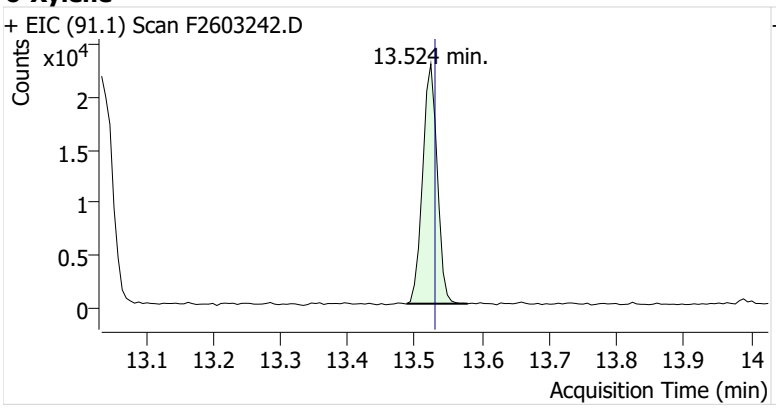


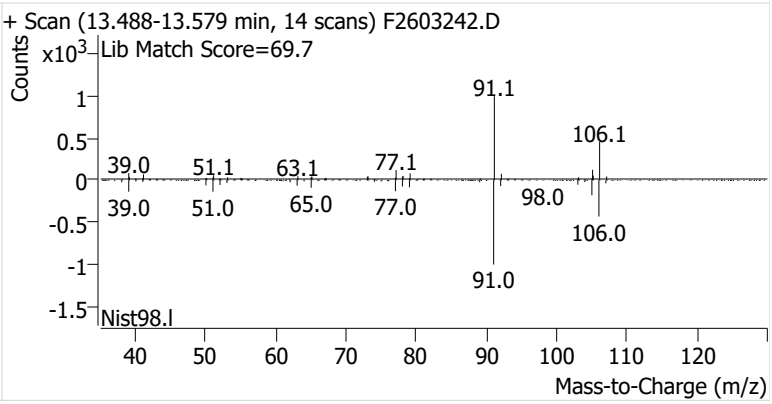
m-/p-Xylenes





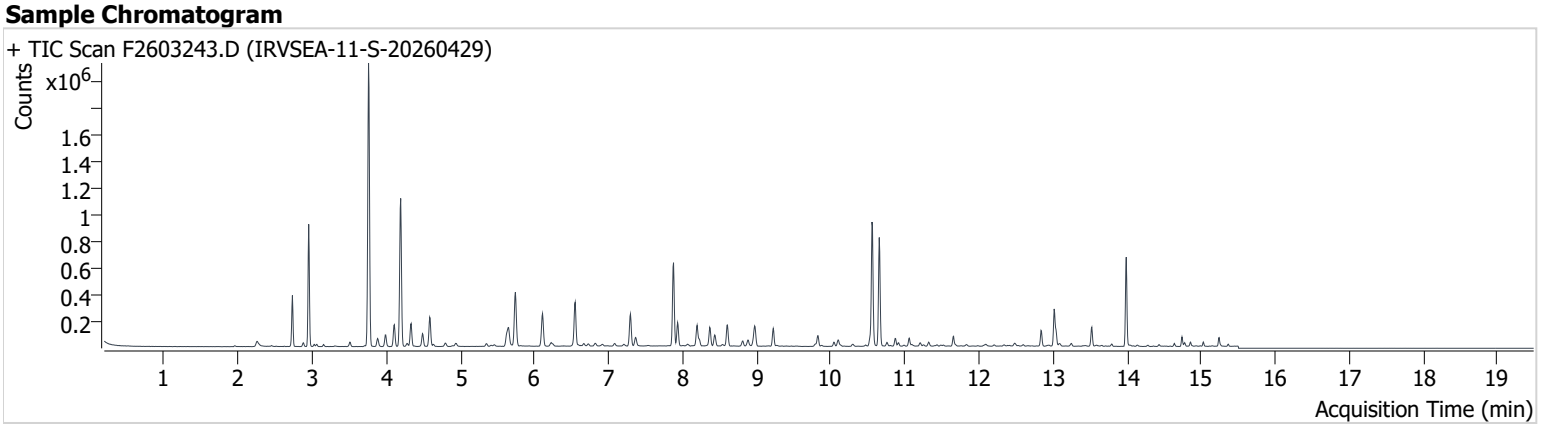
o-Xylene


+ EIC (91.1) Scan F2603242.D
Counts
x10^4
13.524 min.
2
1.5
1
0.5
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.488-13.579 min, 14 scans) F2603242.D
Lib Match Score=69.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.0
51.1
63.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

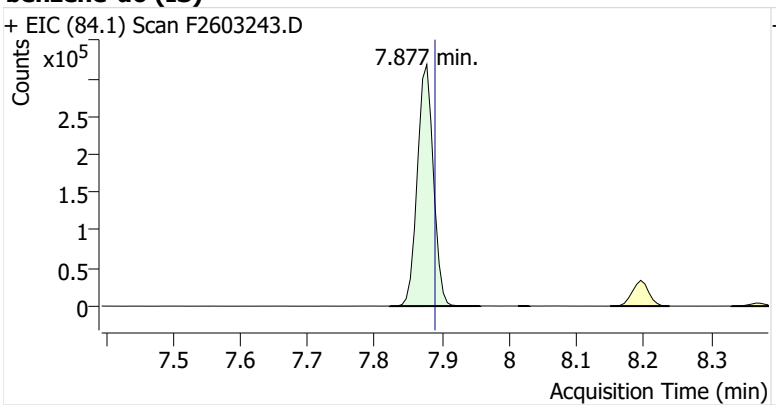
Name	IRVSEA-11-S-20260429
Comment	B45100
Data File	F2603243.D
Acq. Date-Time	5/14/2026 9:14:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

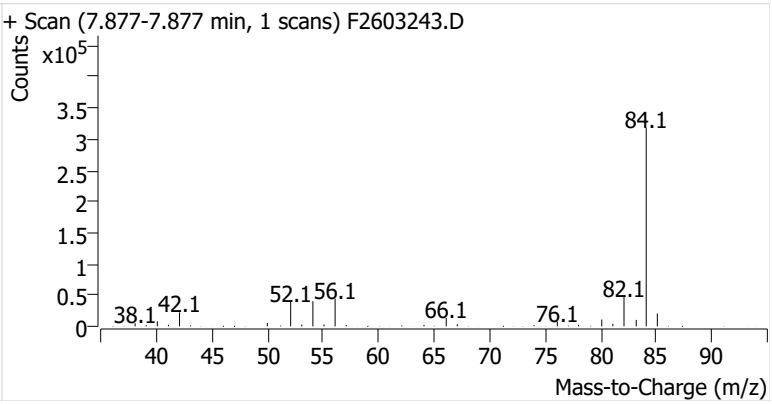
Sample Chromatogram



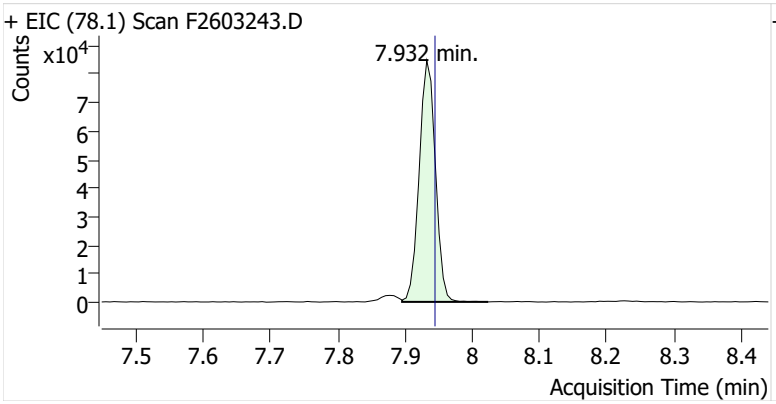
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	526,431	
Benzene	benzene-d6 (IS)	7.932	7.945	141,782	
Toluene-d8 (IS)		10.557	10.569	568,834	
Toluene	Toluene-d8 (IS)	10.655	10.667	493,710	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	78,183	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	200,355	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	81,366	

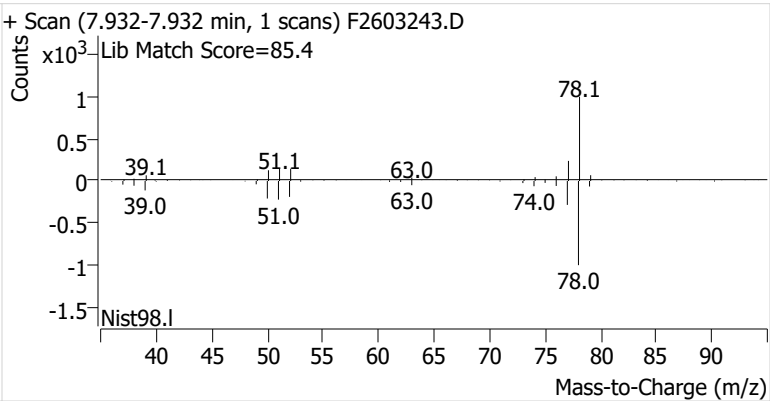
benzene-d6 (IS)



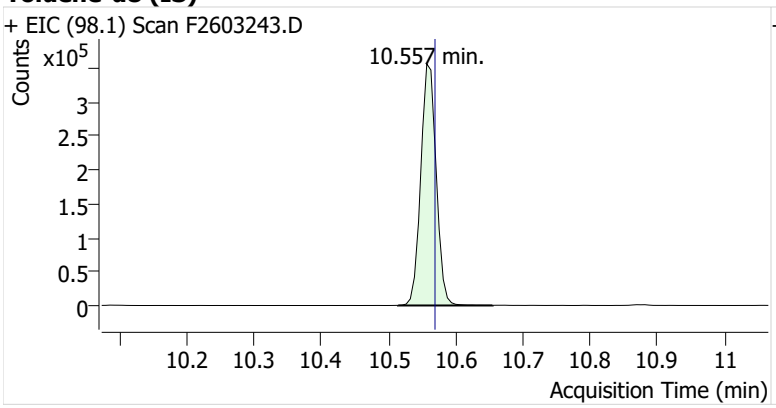


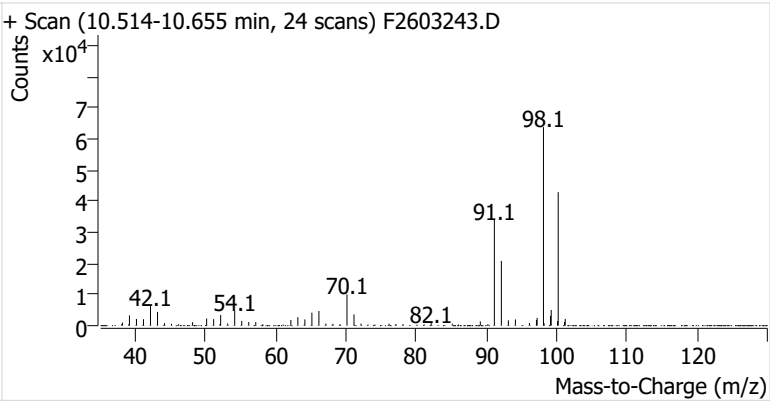
Benzene



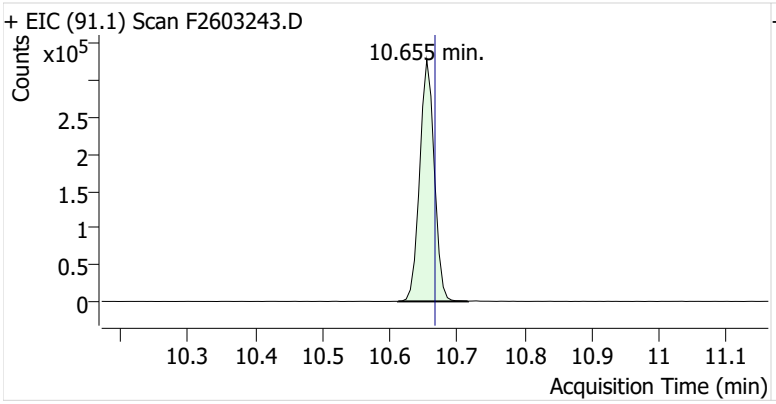


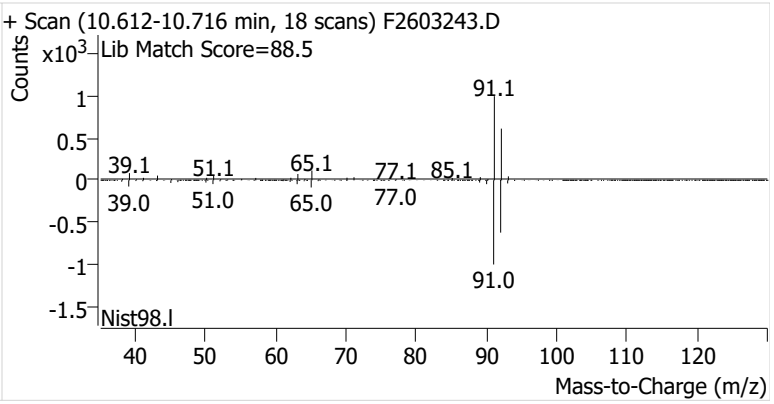
Toluene-d8 (IS)



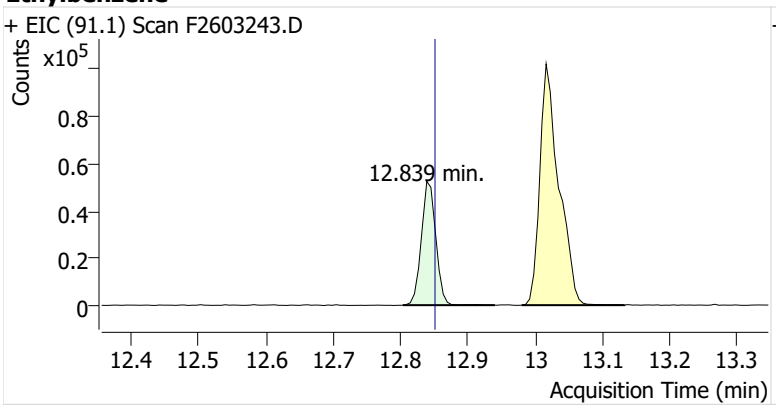


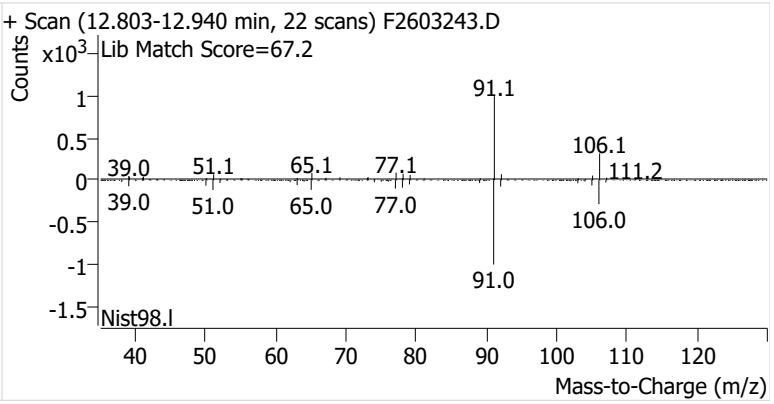
Toluene



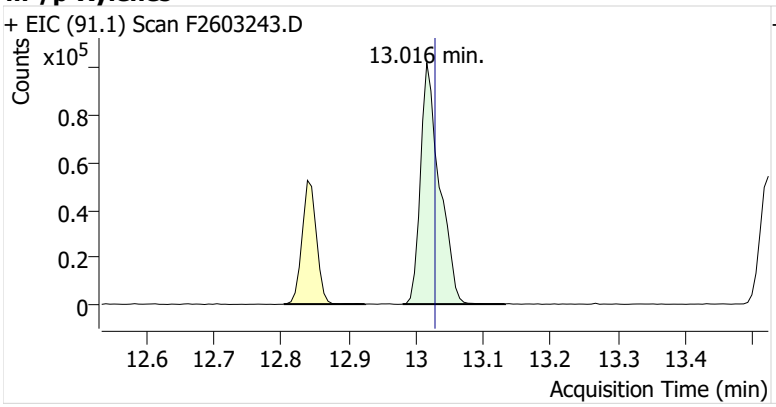


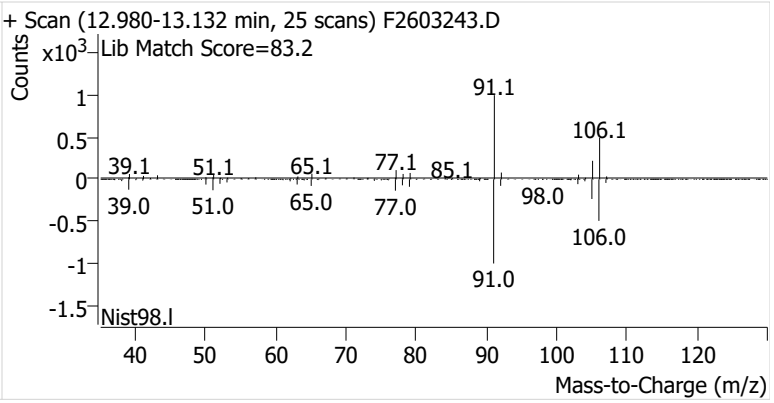
Ethylbenzene



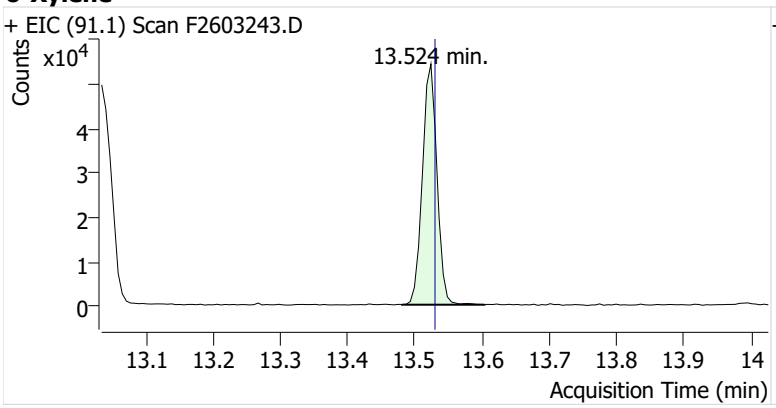


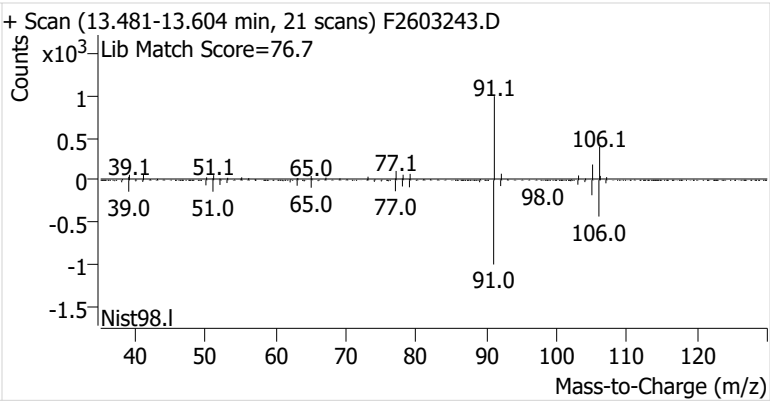
m-/p-Xylenes





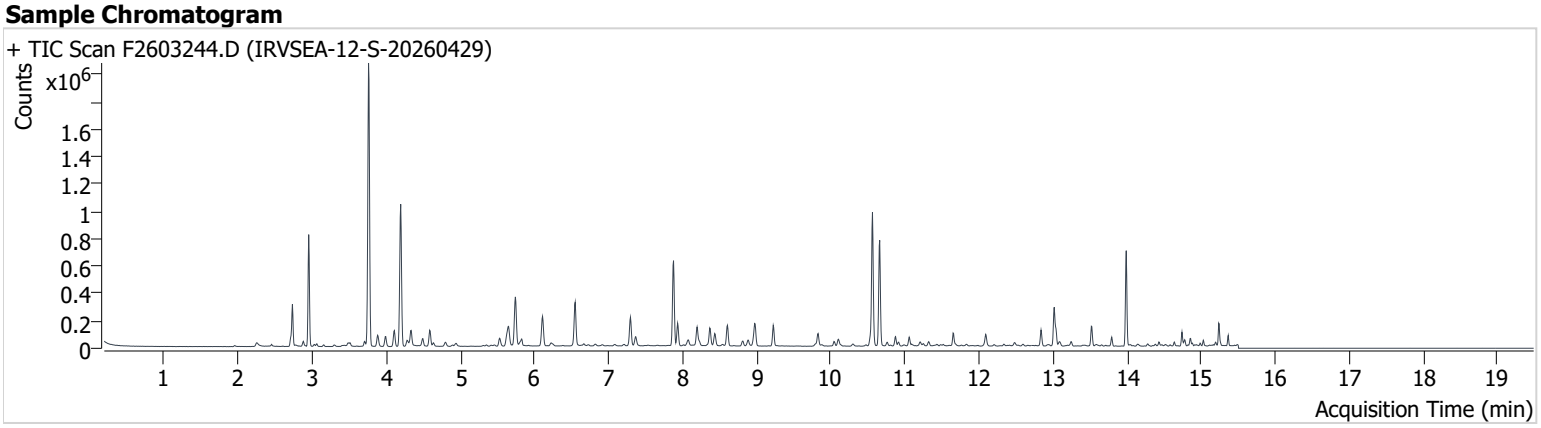
o-Xylene


+ EIC (91.1) Scan F2603243.D
Counts
x10^4
13.524 min.
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.481-13.604 min, 21 scans) F2603243.D
Counts
x10^3
Lib Match Score=76.7
91.1
106.1
39.1
51.1
65.0
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

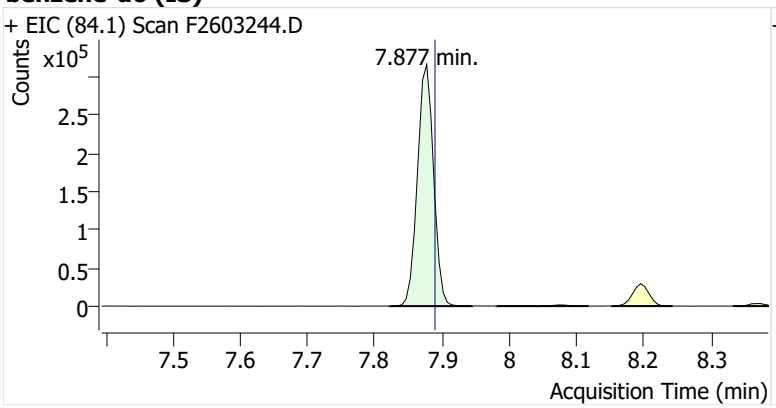
Name	IRVSEA-12-S-20260429
Comment	C69804
Data File	F2603244.D
Acq. Date-Time	5/14/2026 9:40:26 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

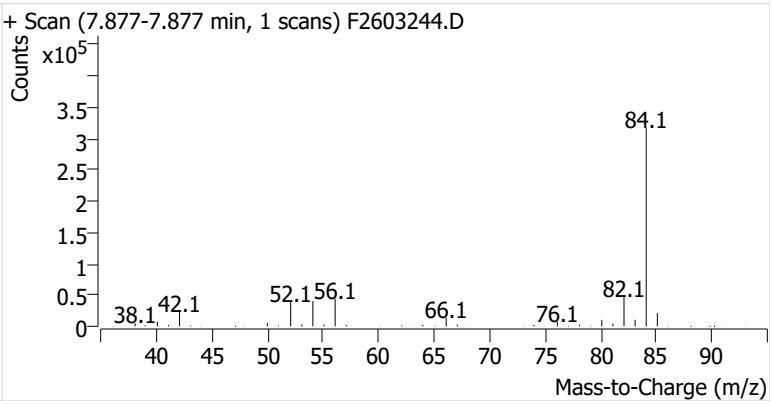
Sample Chromatogram



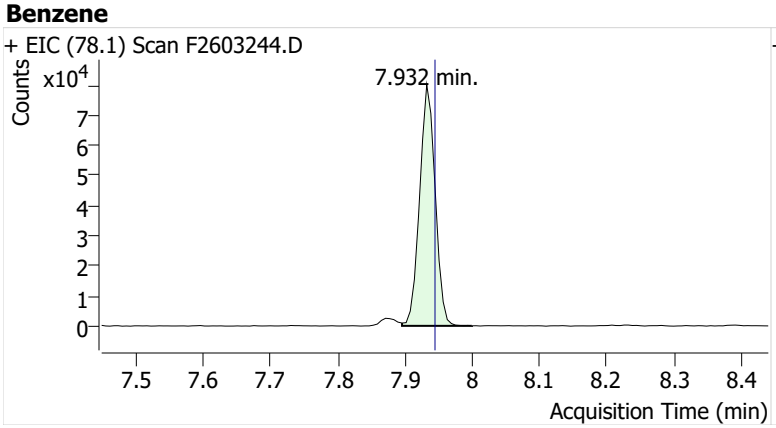
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	527,508	
Benzene	benzene-d6 (IS)	7.932	7.945	128,186	
Toluene-d8 (IS)		10.563	10.569	570,069	
Toluene	Toluene-d8 (IS)	10.661	10.667	468,879	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	69,533	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	206,459	
o-Xylene	Toluene-d8 (IS)	13.518	13.530	81,307	

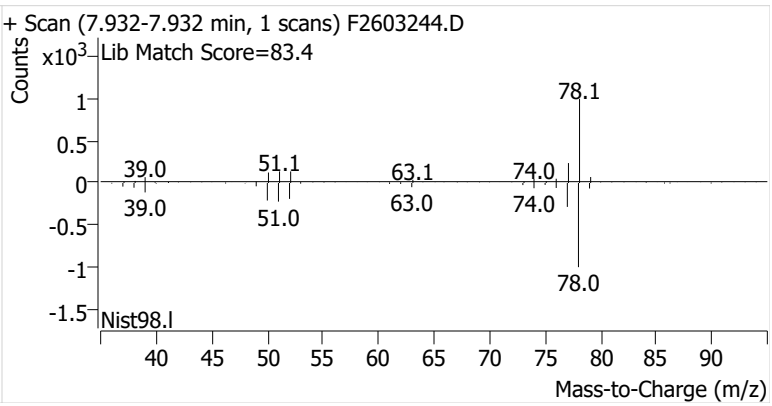
benzene-d6 (IS)



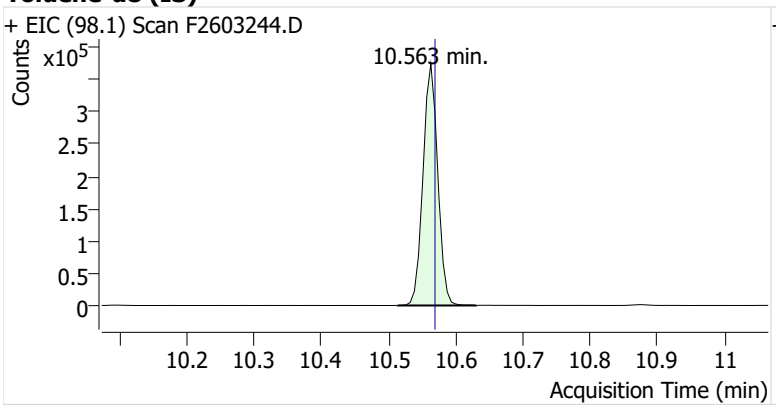


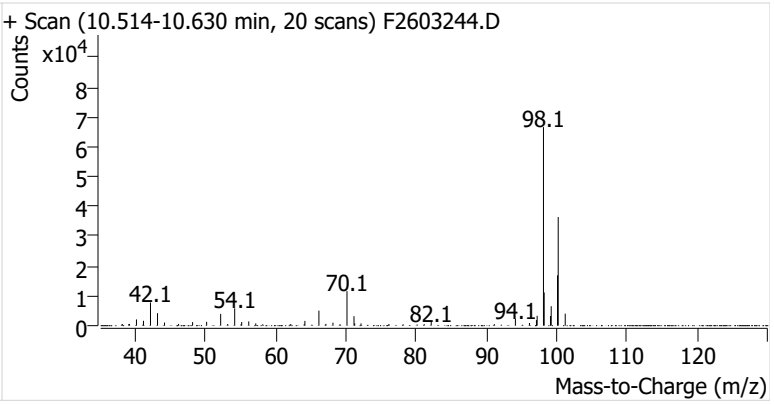
Benzene



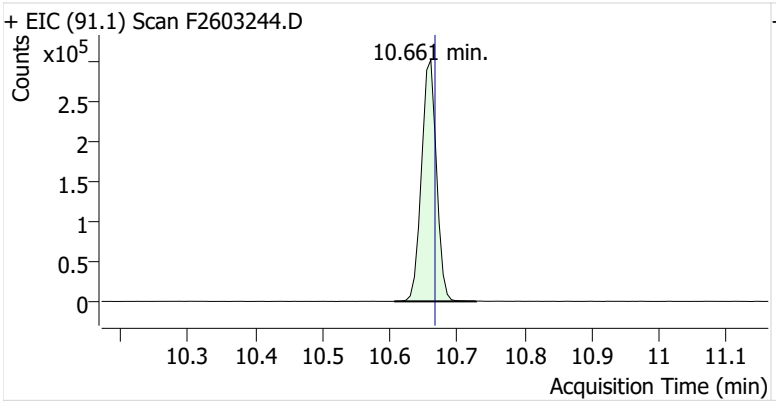


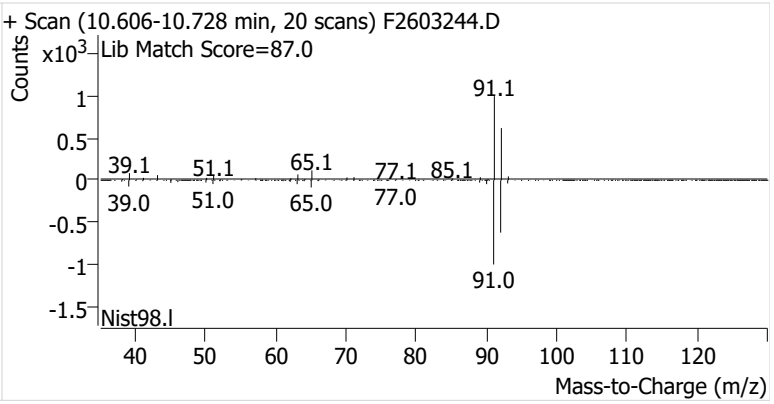
Toluene-d8 (IS)



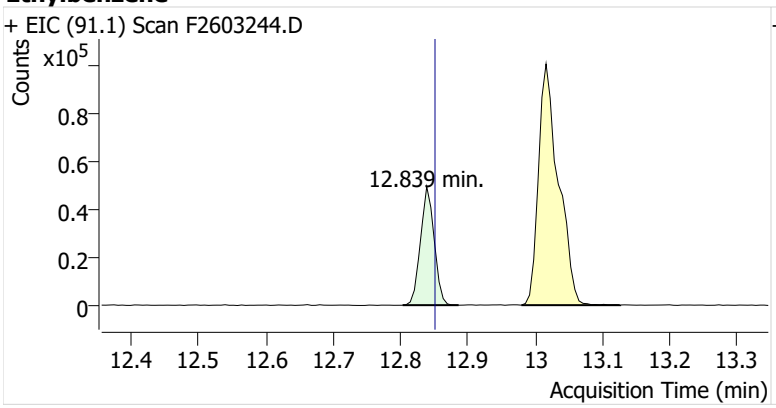


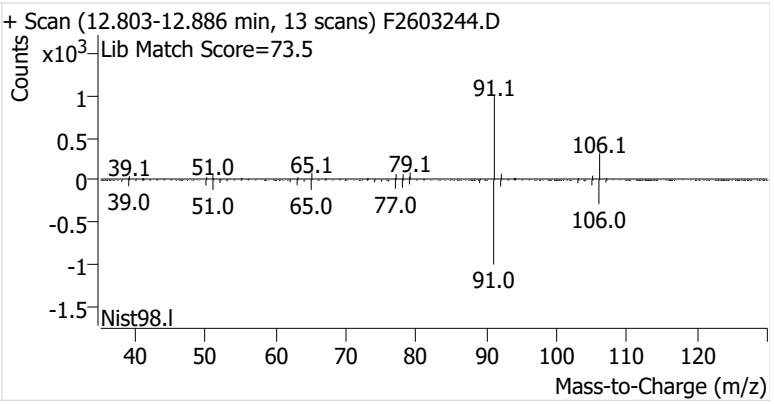
Toluene



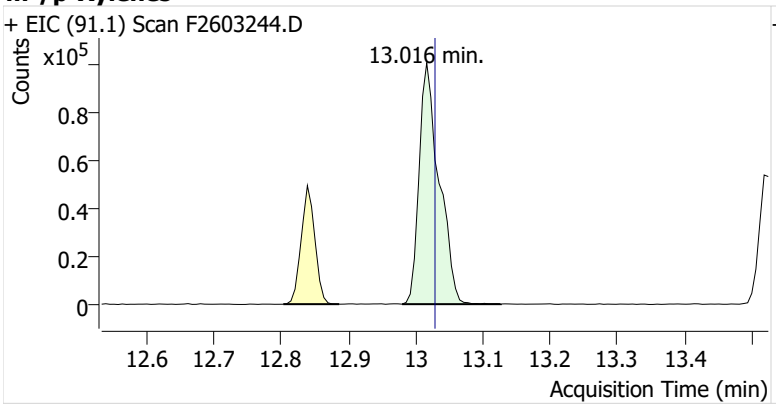


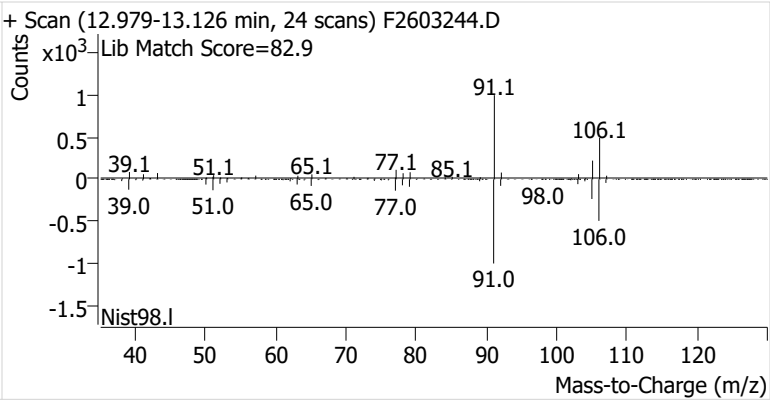
Ethylbenzene



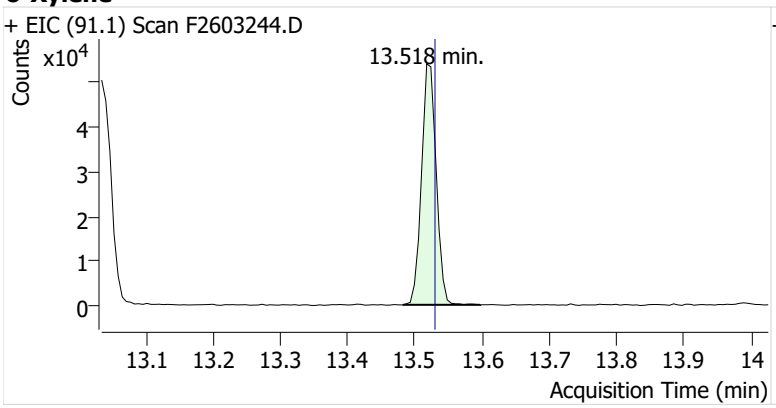


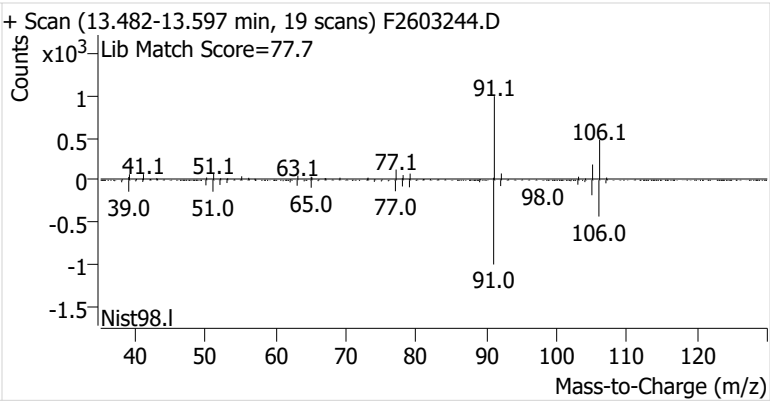
m-/p-Xylenes





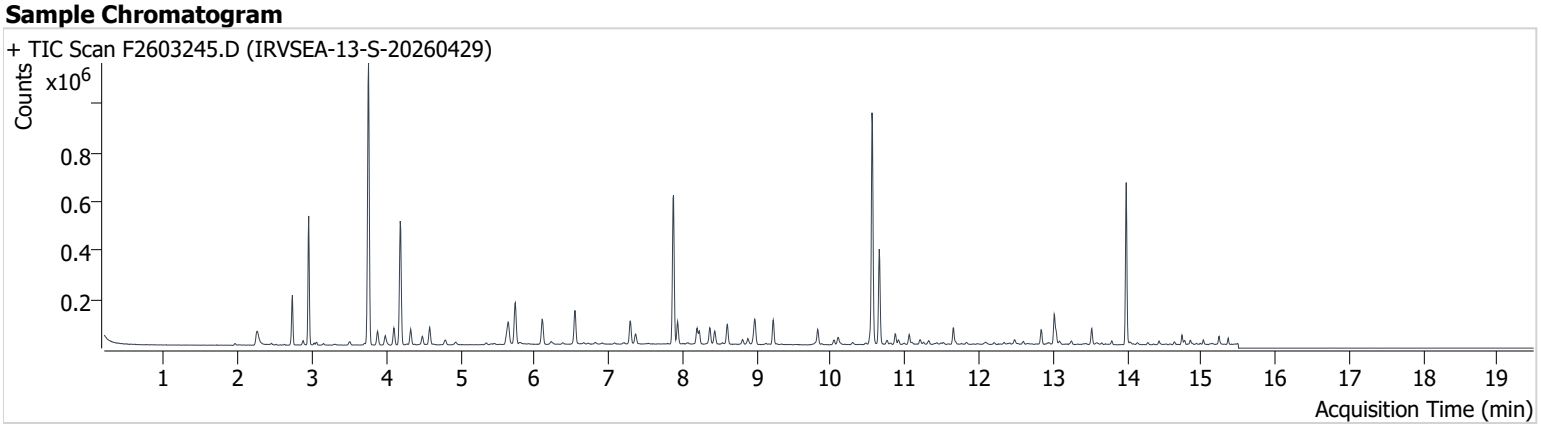
o-Xylene


+ EIC (91.1) Scan F2603244.D
Counts
x10^4
13.518 min.
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.482-13.597 min, 19 scans) F2603244.D
Counts
x10^3
Lib Match Score=77.7
91.1
106.1
41.1
51.1
63.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

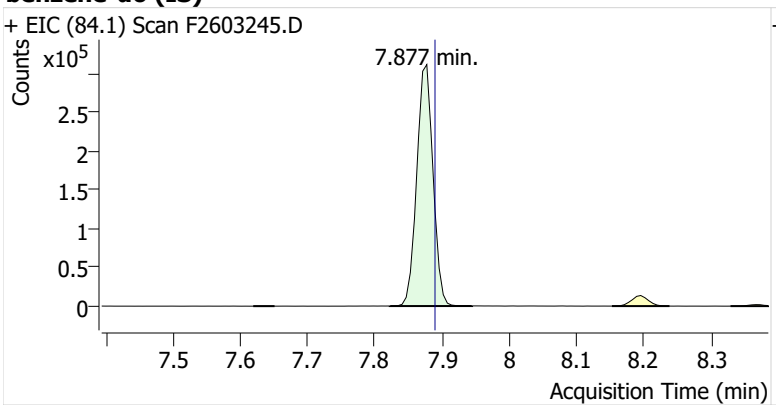
Name	IRVSEA-13-S-20260429
Comment	C36893
Data File	F2603245.D
Acq. Date-Time	5/14/2026 10:06:45 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

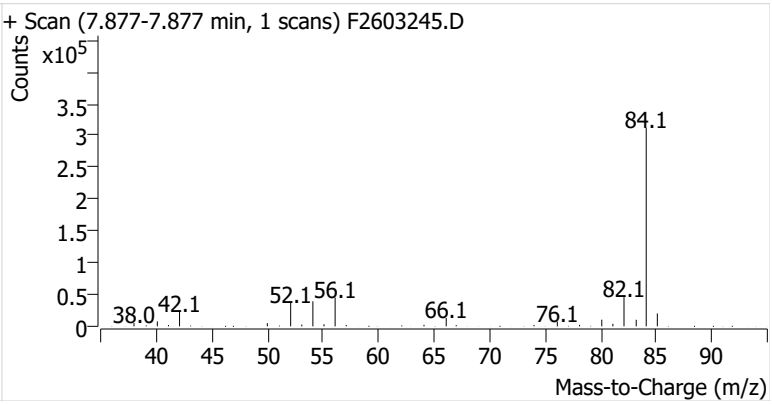
Sample Chromatogram



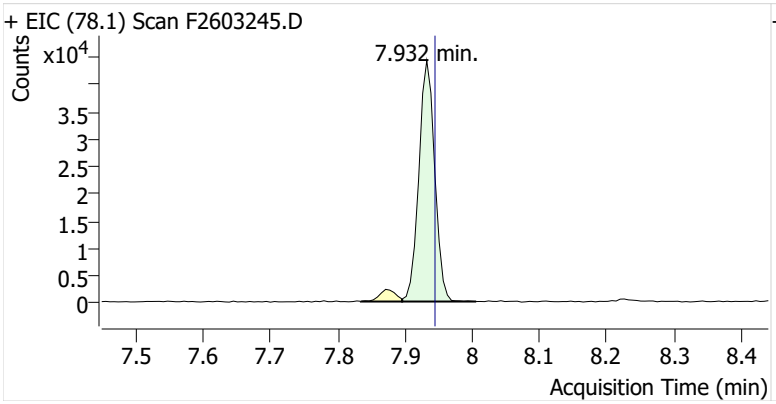
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	523,262	
Benzene	benzene-d6 (IS)	7.932	7.945	72,410	
Toluene-d8 (IS)		10.557	10.569	570,989	
Toluene	Toluene-d8 (IS)	10.655	10.667	232,165	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	39,982	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	90,504	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	35,650	

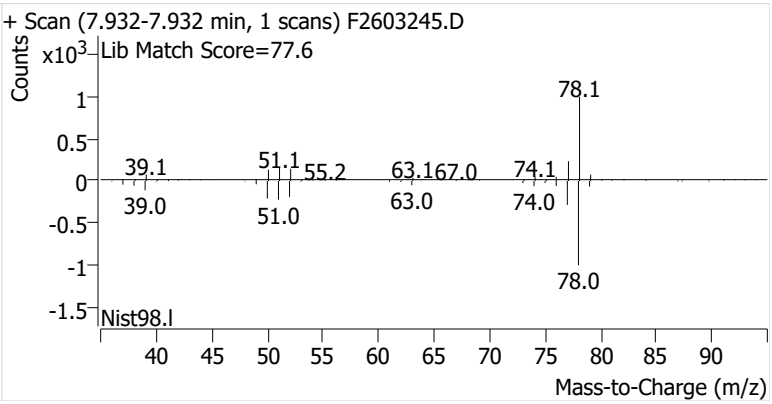
benzene-d6 (IS)



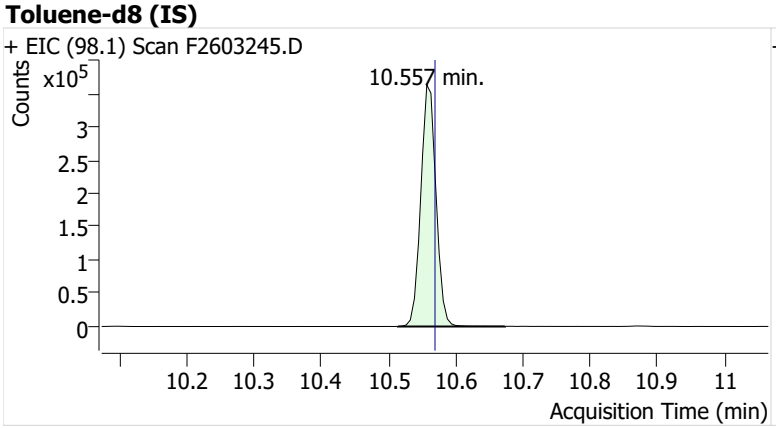


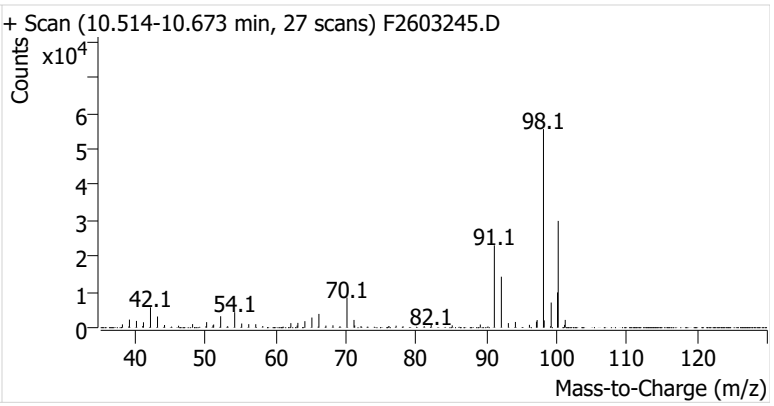
Benzene



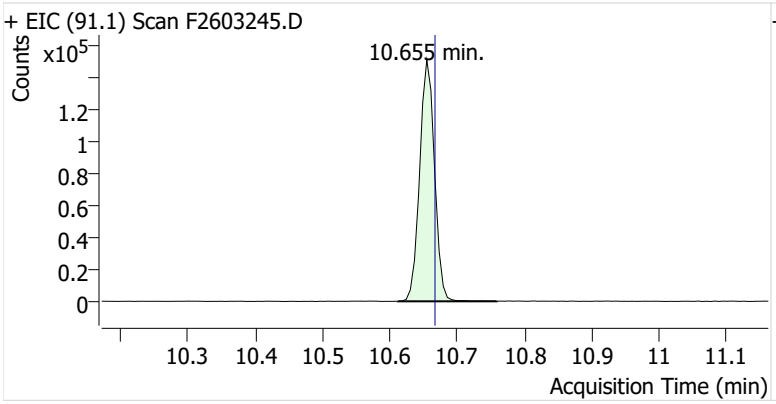


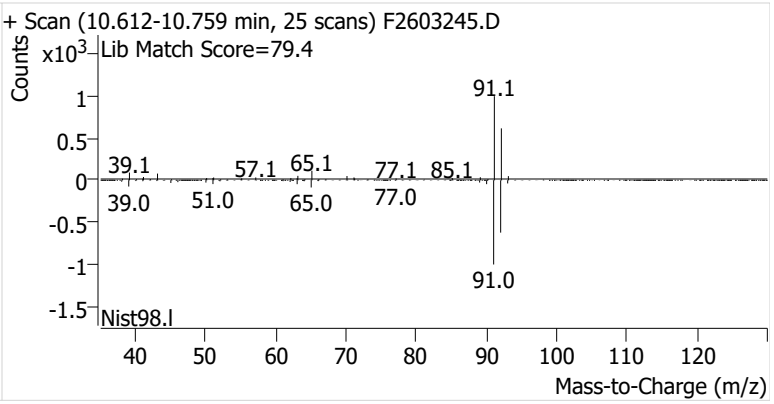
Toluene-d8 (IS)



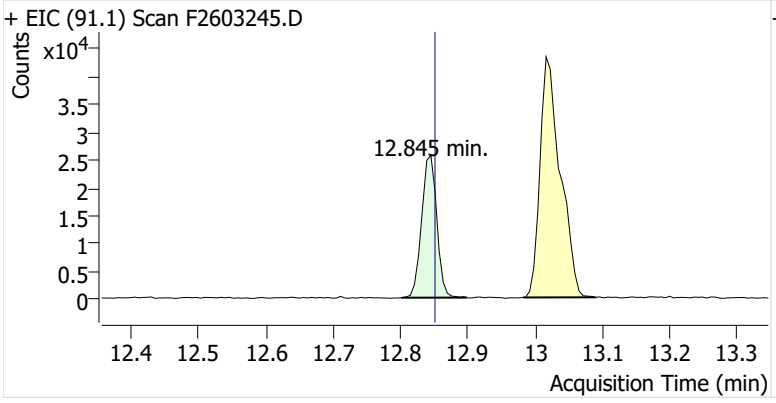


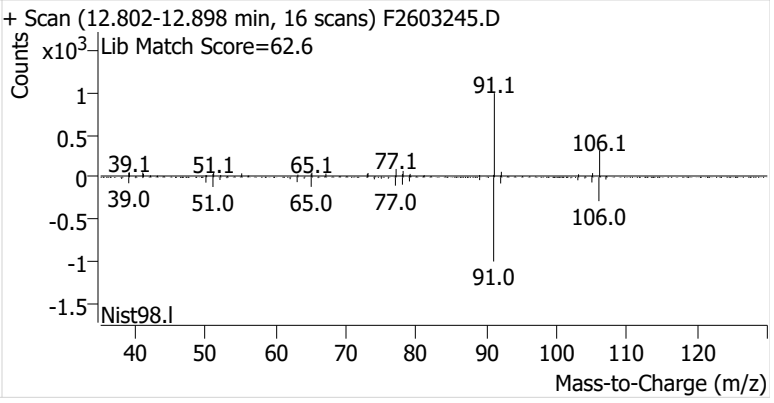
Toluene



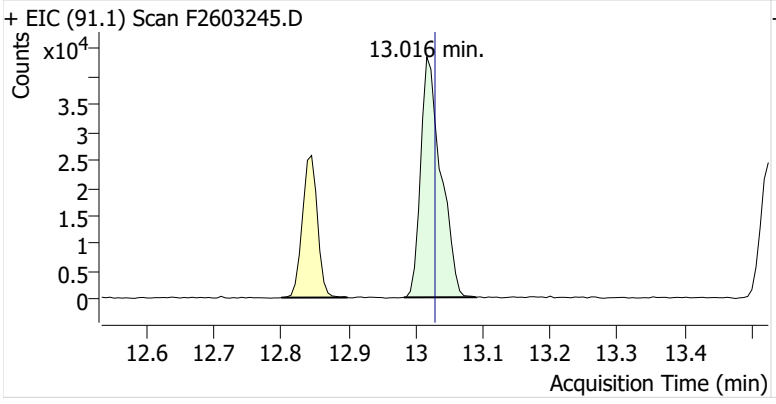


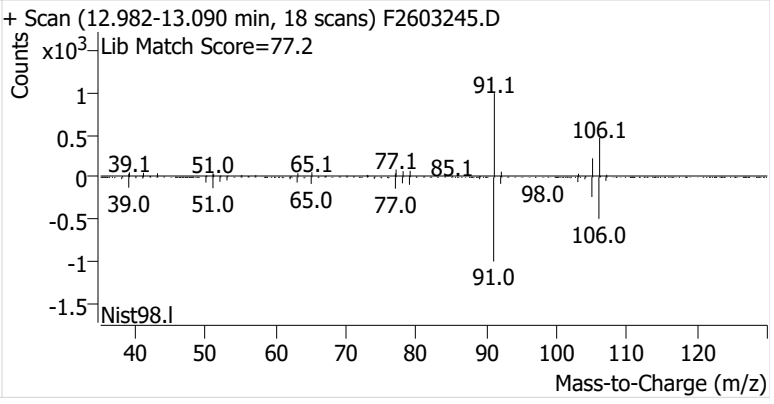
Ethylbenzene



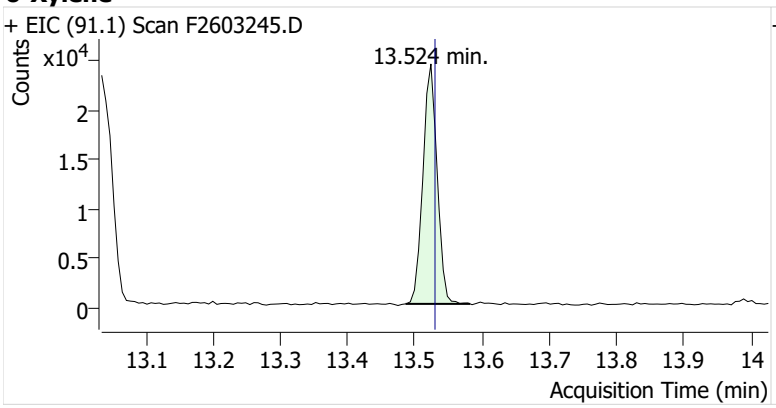


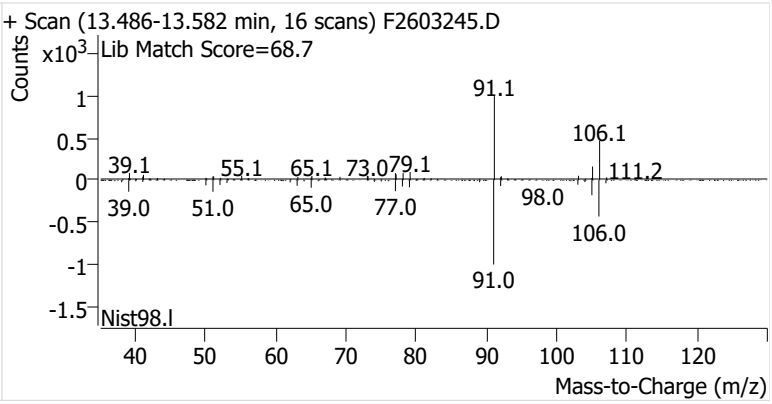
m-/p-Xylenes





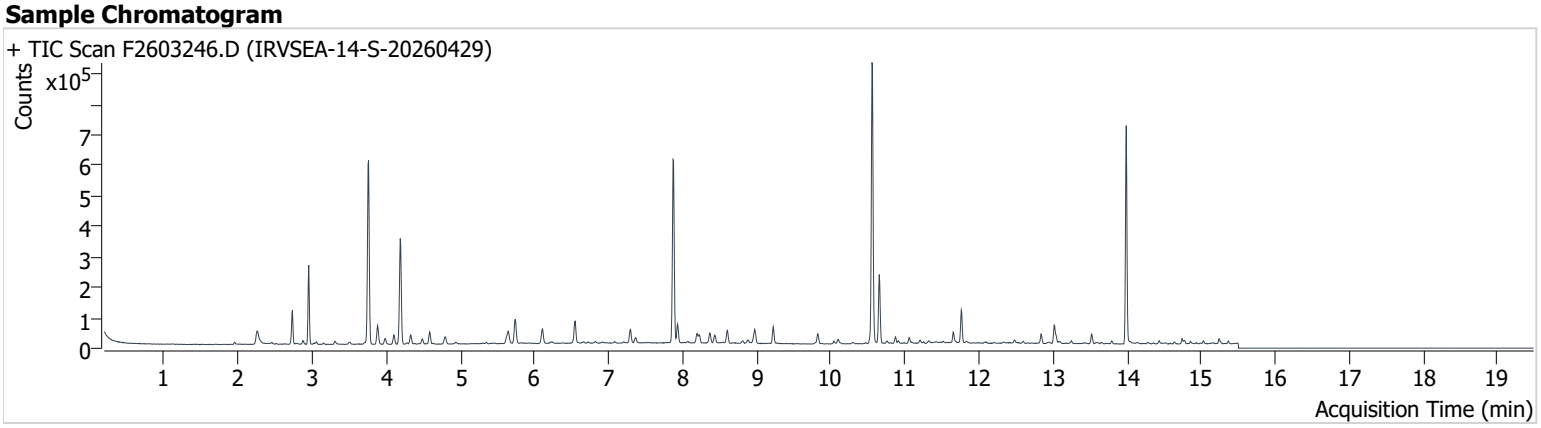
o-Xylene


+ EIC (91.1) Scan F2603245.D
Counts
x10^4
13.524 min.
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.486-13.582 min, 16 scans) F2603245.D
Counts
x10^3
Lib Match Score=68.7
91.1
106.1
39.1
55.1
65.1
73.0
79.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

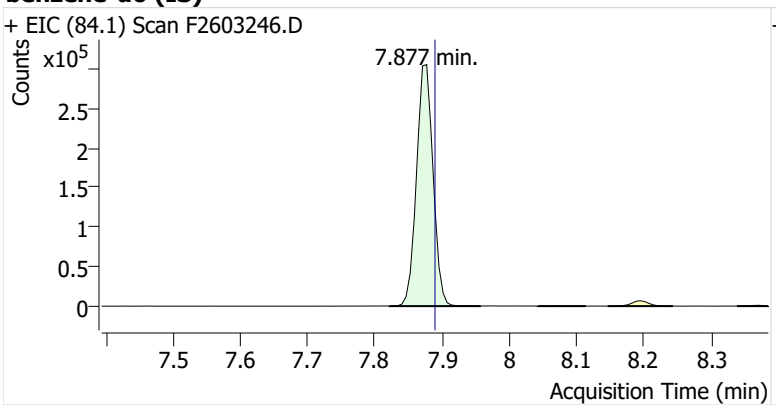
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Comment	B37532
Data File	F2603246.D
Acq. Date-Time	5/14/2026 10:32:09 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

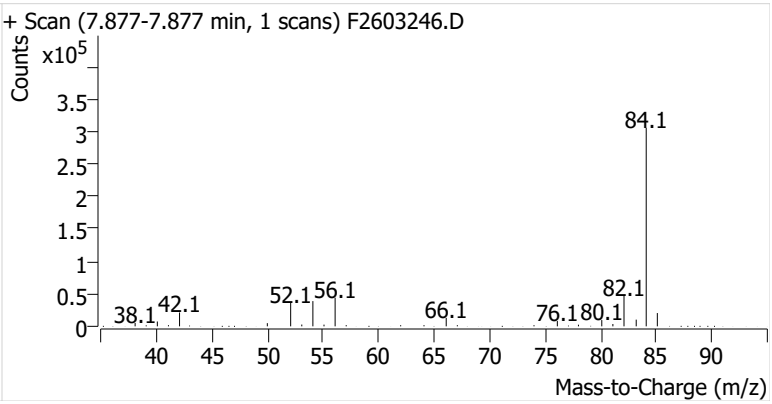
Sample Chromatogram



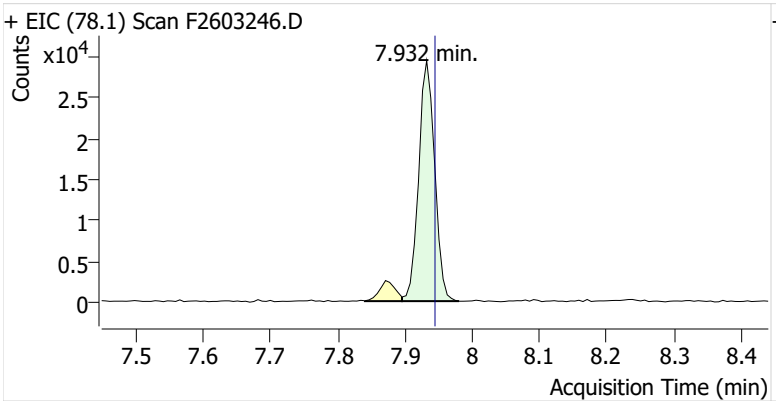
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	522,850	
Benzene	benzene-d6 (IS)	7.932	7.945	48,302	
Toluene-d8 (IS)		10.557	10.569	565,543	
Toluene	Toluene-d8 (IS)	10.655	10.667	140,016	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	19,549	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	44,849	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	17,561	

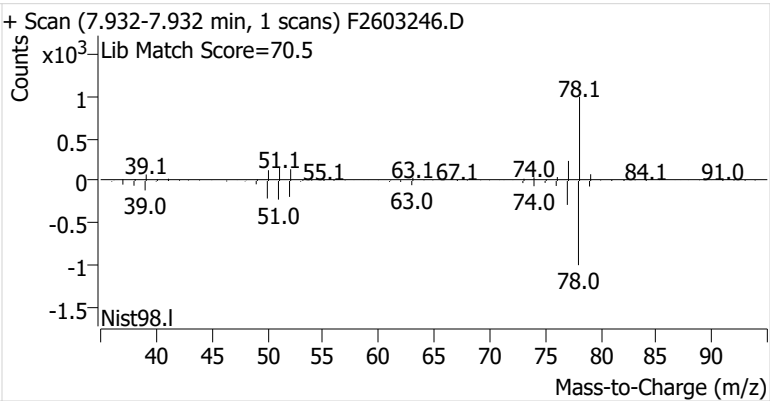
benzene-d6 (IS)



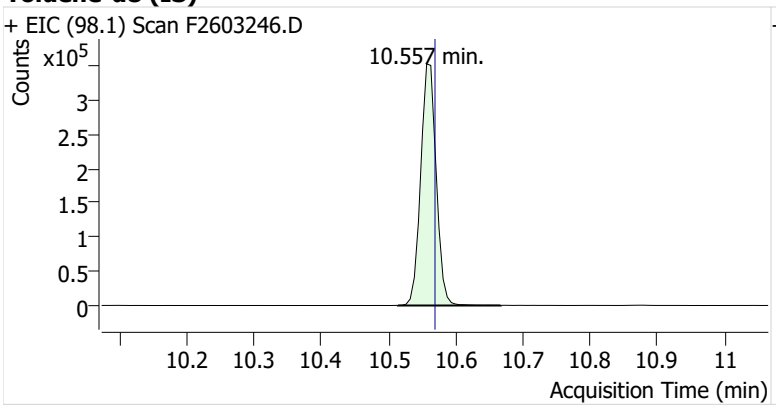


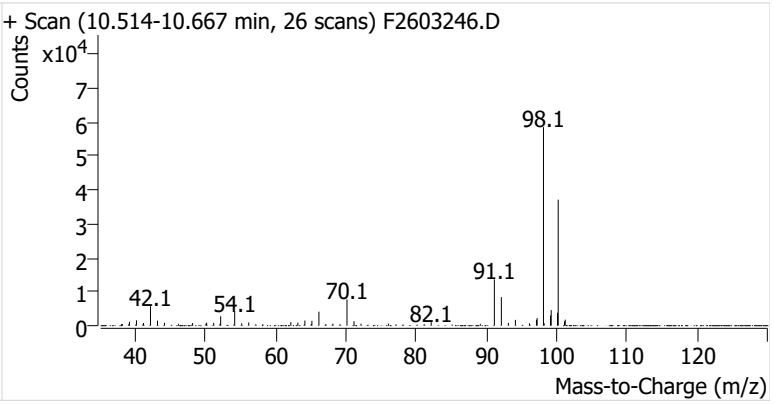
Benzene



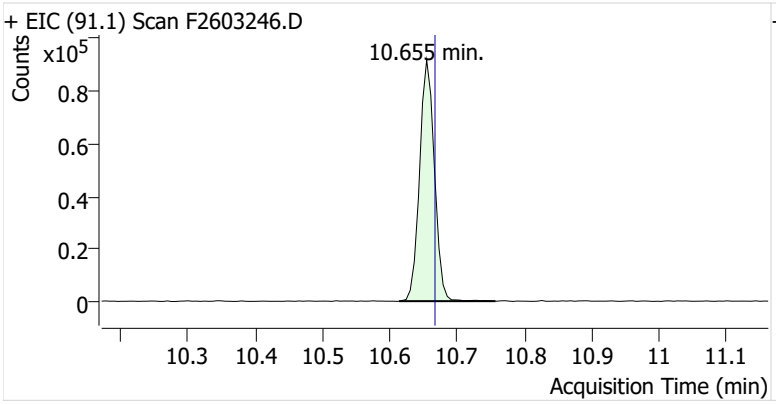


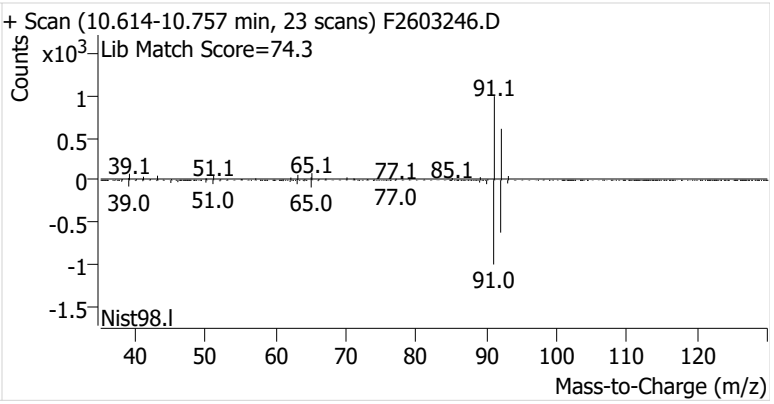
Toluene-d8 (IS)



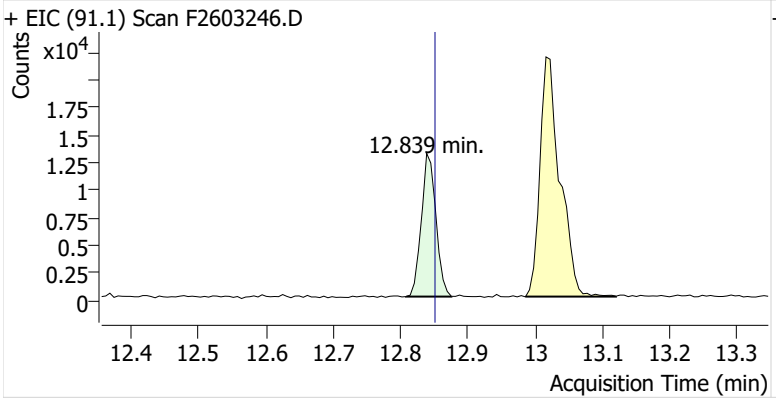


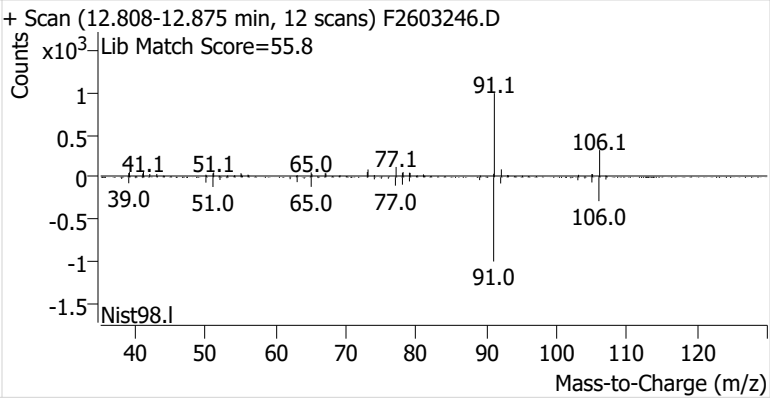
Toluene



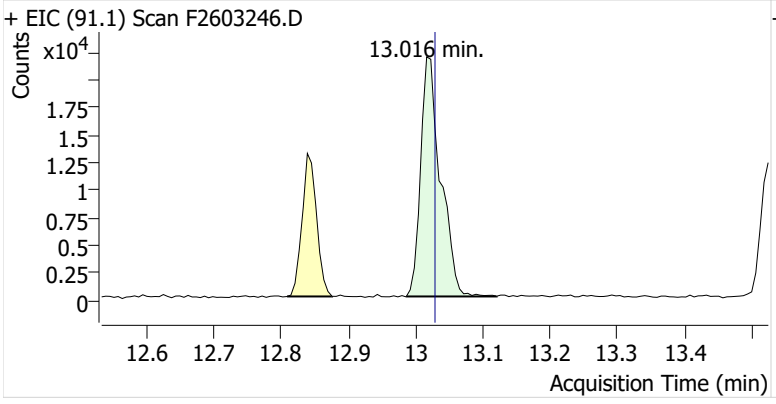


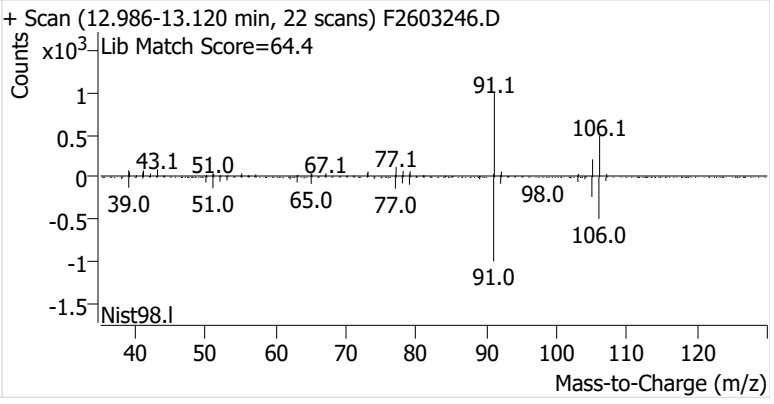
Ethylbenzene



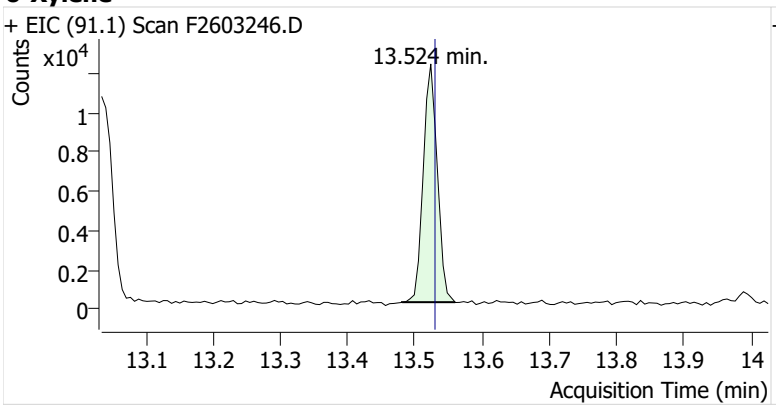


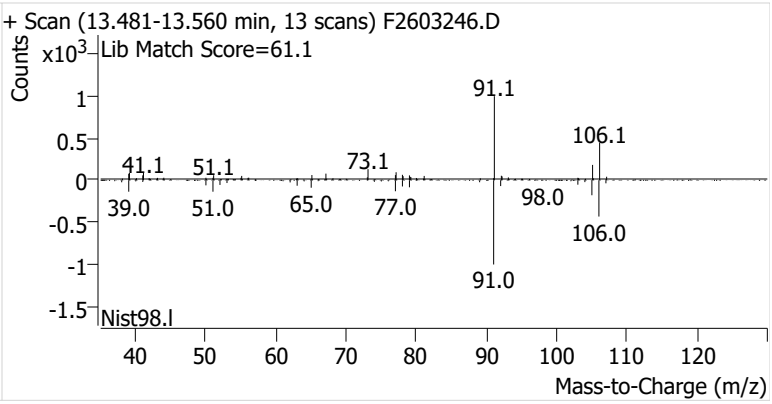
m-/p-Xylenes





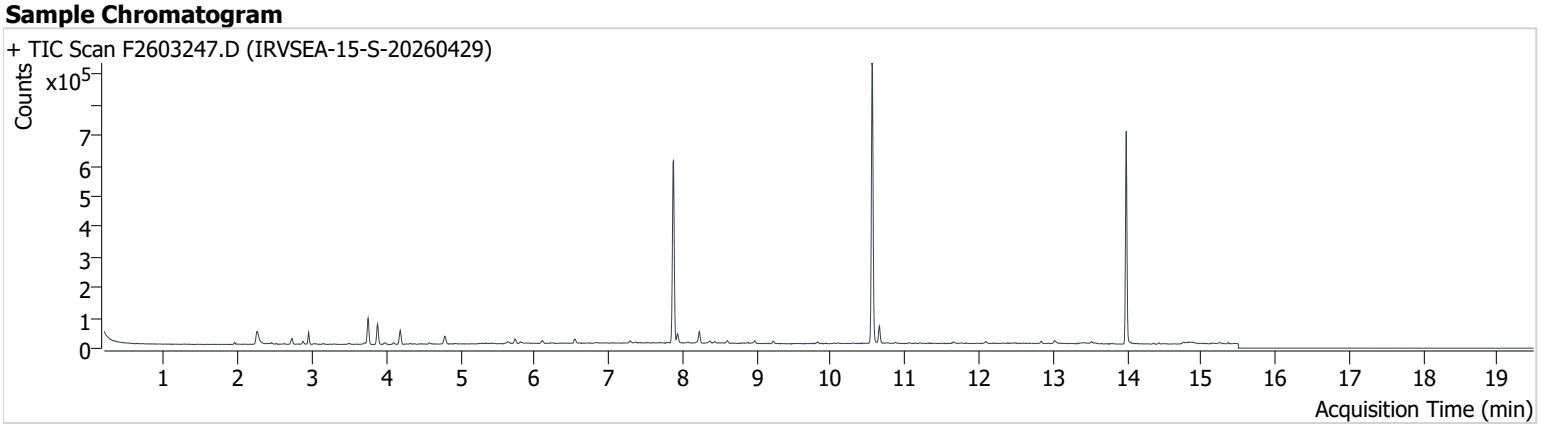
o-Xylene


+ EIC (91.1) Scan F2603246.D
Counts
x10^4
13.524 min.
1
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.481-13.560 min, 13 scans) F2603246.D
Counts
x10^3
Lib Match Score=61.1
91.1
106.1
41.1
51.1
73.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
1
0.5
0
-0.5
-1
-1.5
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

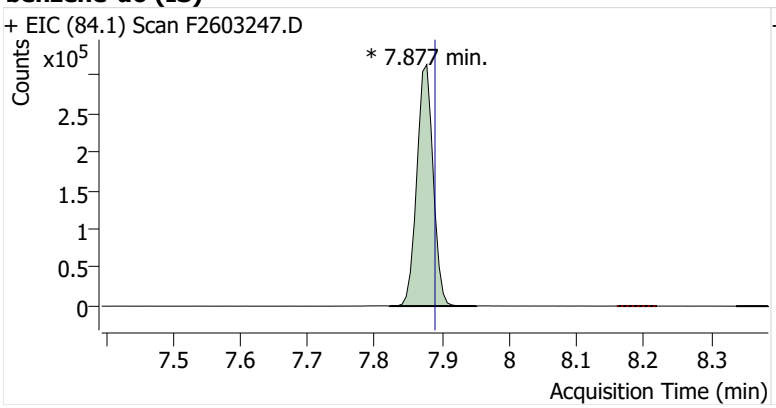
Name	IRVSEA-15-S-20260429
Comment	C33484
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Acq. Date-Time	5/14/2026 10:57:41 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

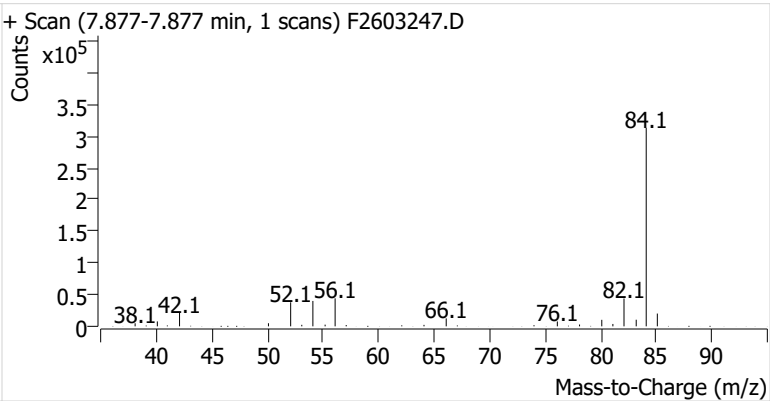
Sample Chromatogram



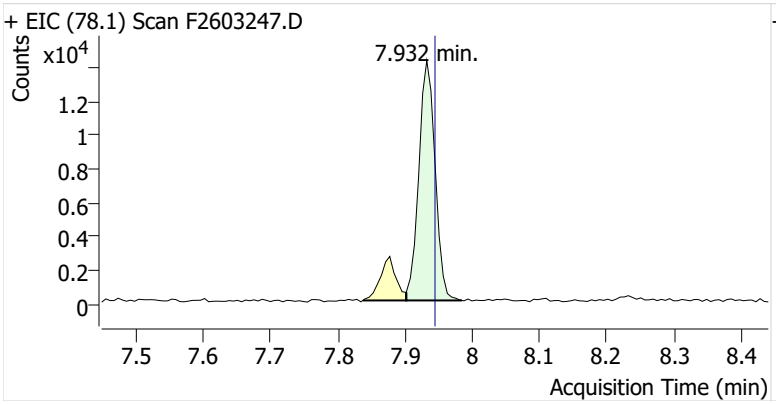
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	526,130	m
Benzene	benzene-d6 (IS)	7.932	7.945	23,865	
Toluene-d8 (IS)		10.557	10.569	562,156	
Toluene	Toluene-d8 (IS)	10.655	10.667	35,432	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	4,297	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	7,202	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	3,084	

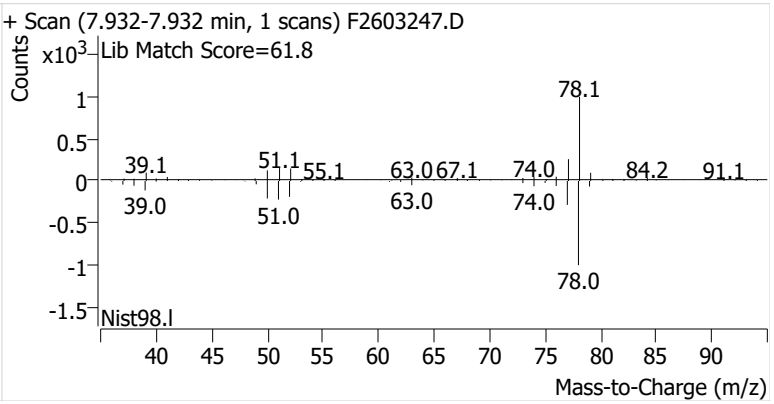
benzene-d6 (IS)



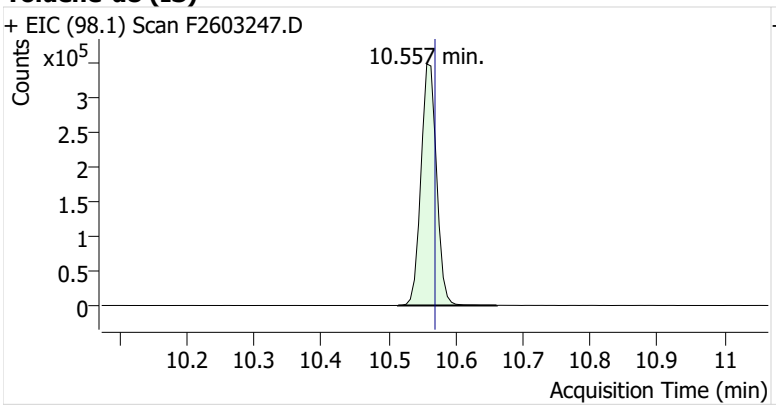


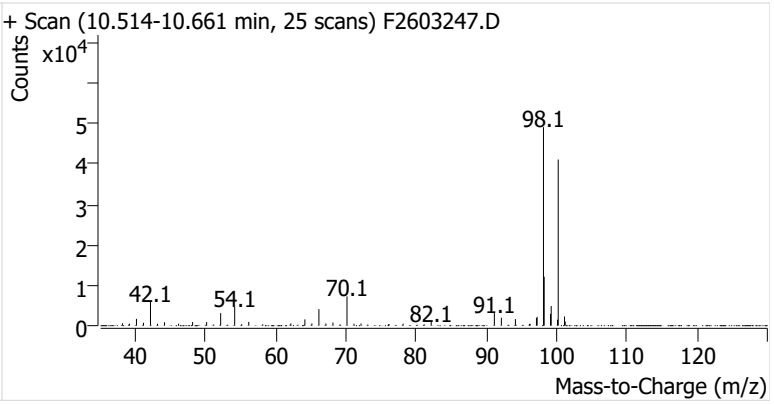
Benzene



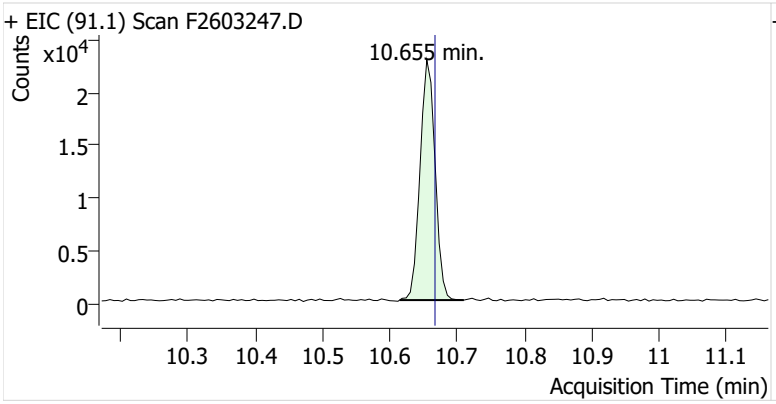


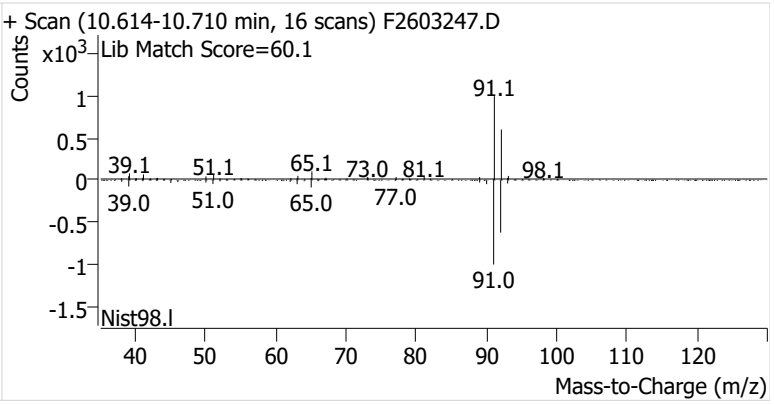
Toluene-d8 (IS)



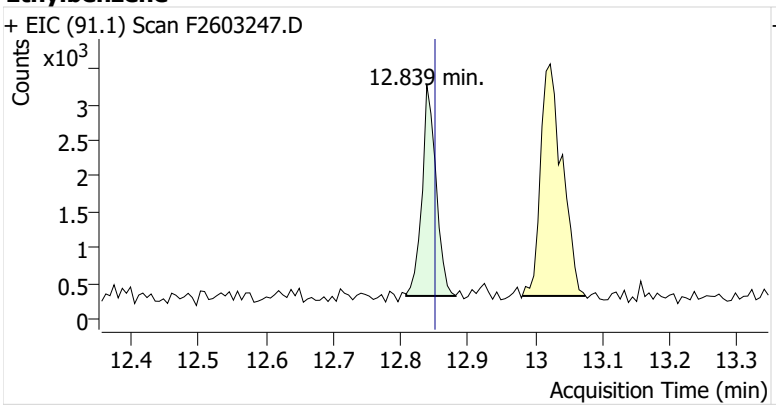


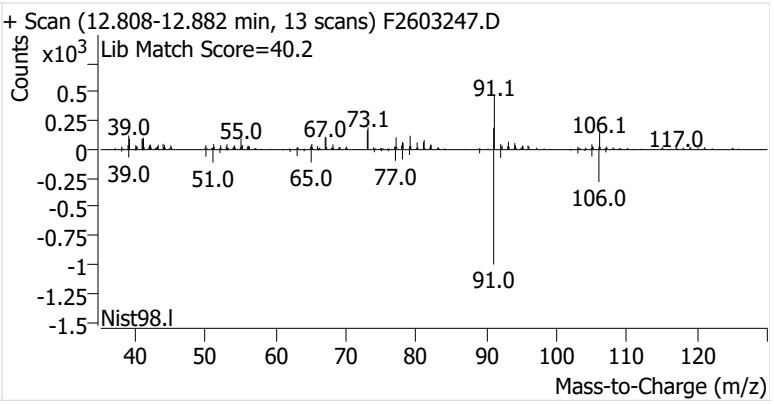
Toluene



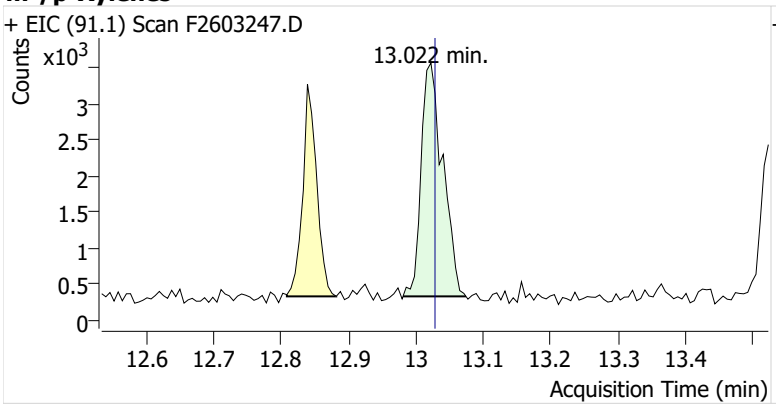


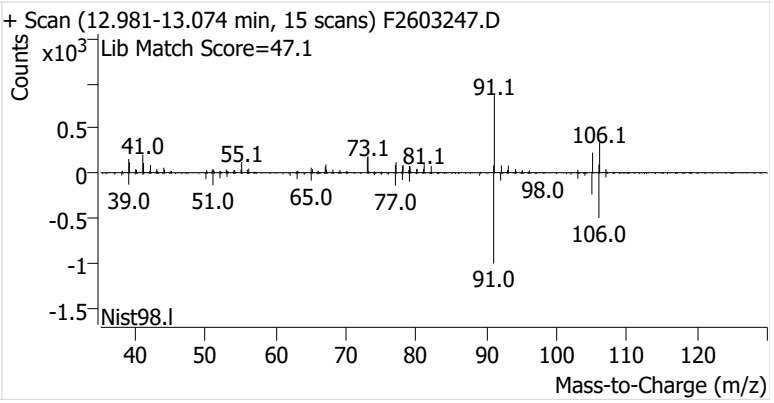
Ethylbenzene



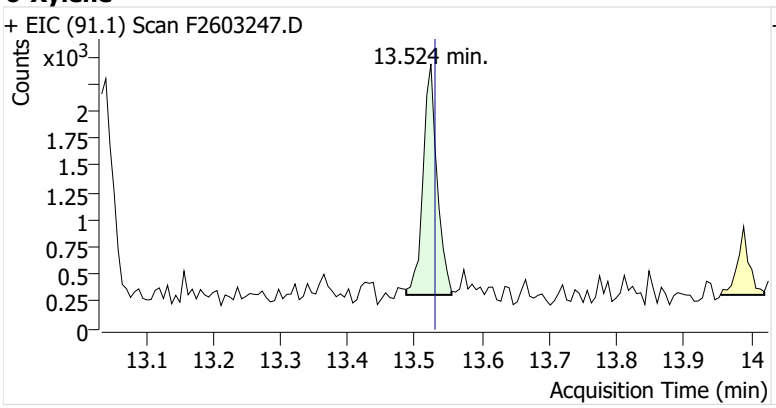


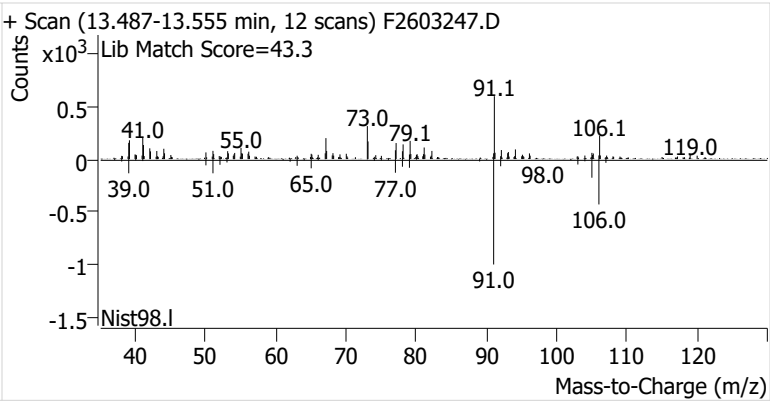
m-/p-Xylenes





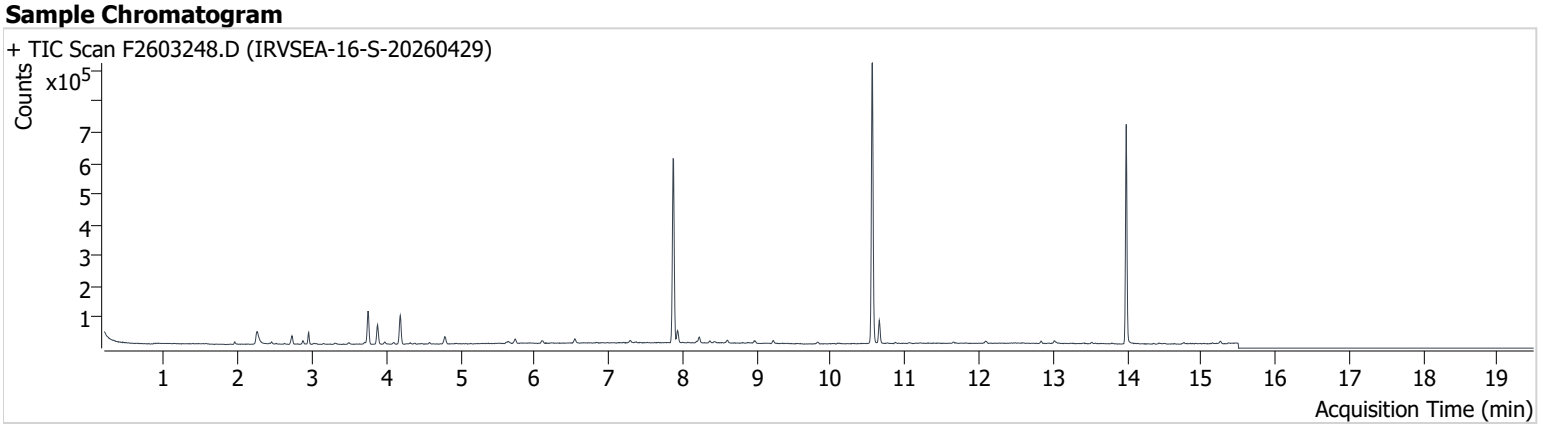
o-Xylene


+ EIC (91.1) Scan F2603247.D
Counts
x10^3
13.524 min.
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.555 min, 12 scans) F2603247.D
Counts
x10^3
Lib Match Score=43.3
0.5
0
-0.5
-1
-1.5
41.0
55.0
73.0
79.1
91.1
106.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

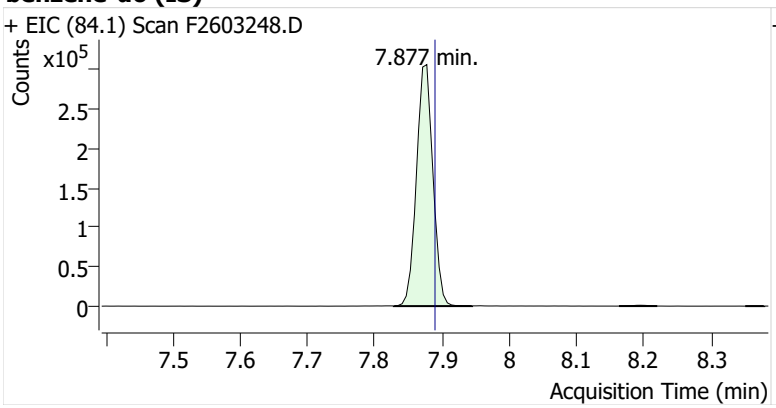
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Comment	B52736
Data File	F2603248.D
Acq. Date-Time	5/14/2026 11:23:00 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

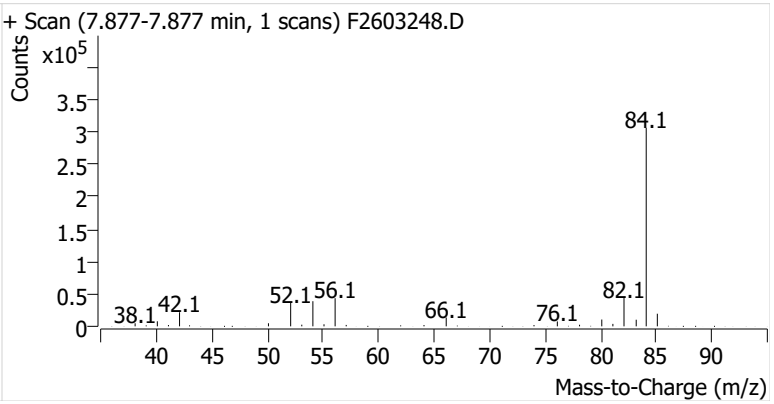
Sample Chromatogram



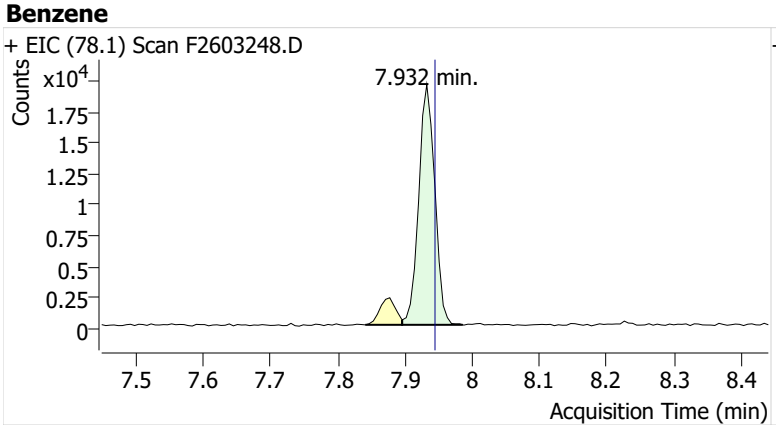
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	521,739	
Benzene	benzene-d6 (IS)	7.932	7.945	32,548	
Toluene-d8 (IS)		10.557	10.569	560,446	
Toluene	Toluene-d8 (IS)	10.655	10.667	46,471	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.851	4,116	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	6,221	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	2,463	

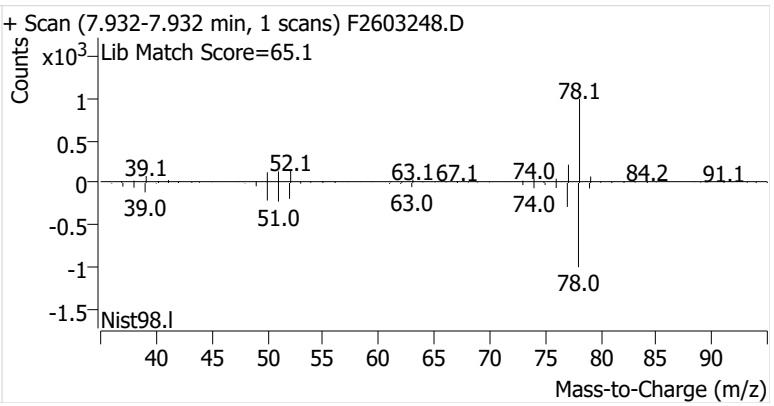
benzene-d6 (IS)



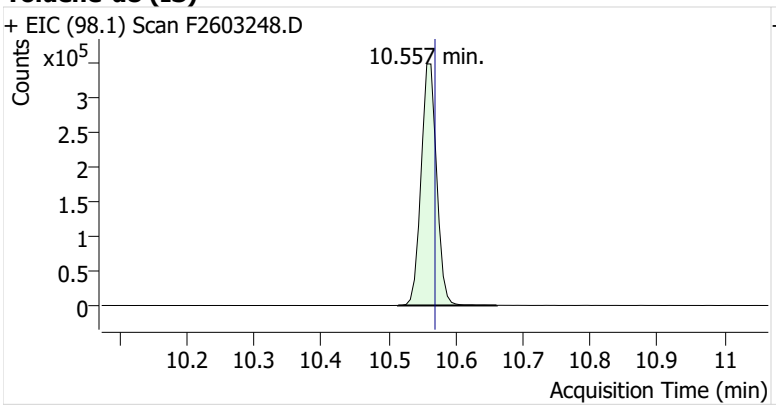


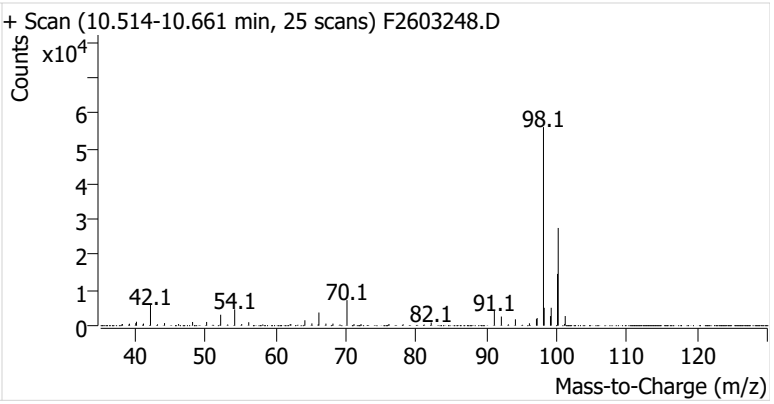
Benzene



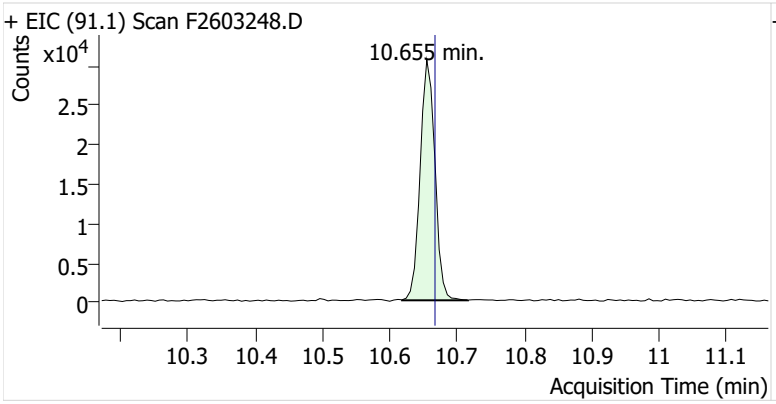


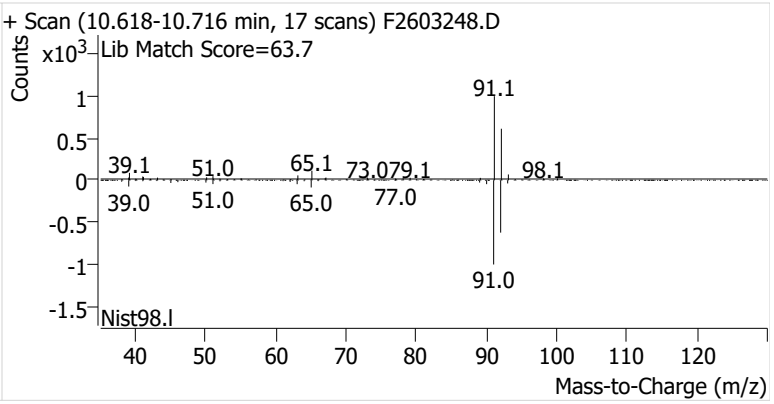
Toluene-d8 (IS)



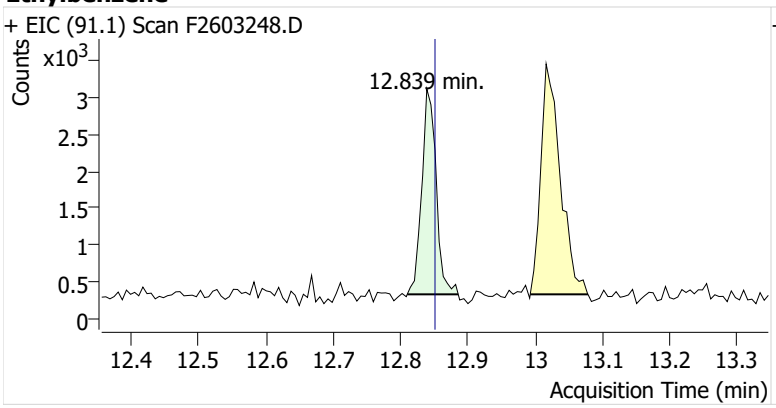


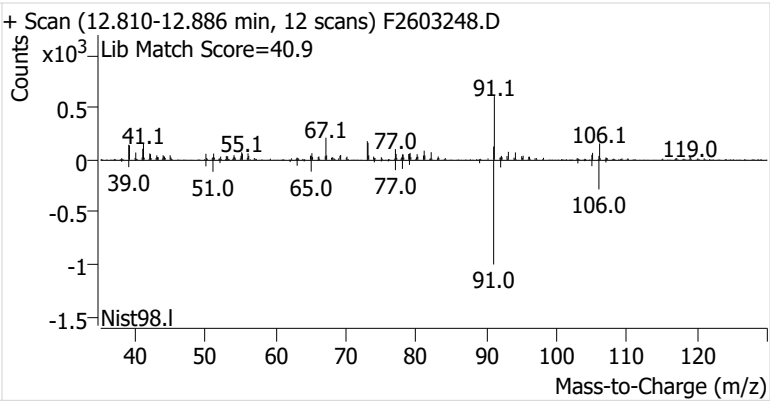
Toluene



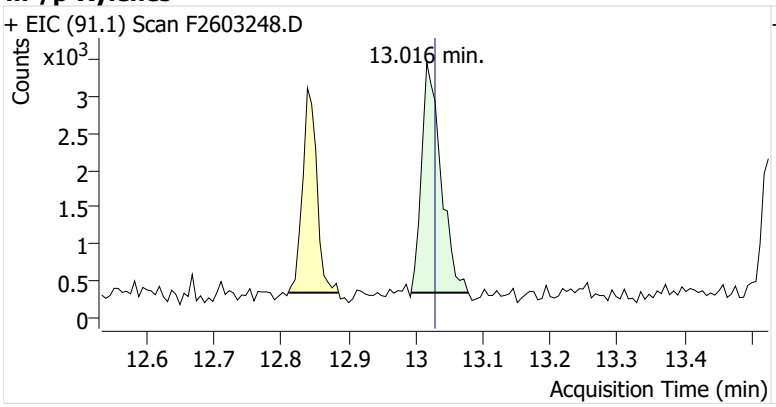


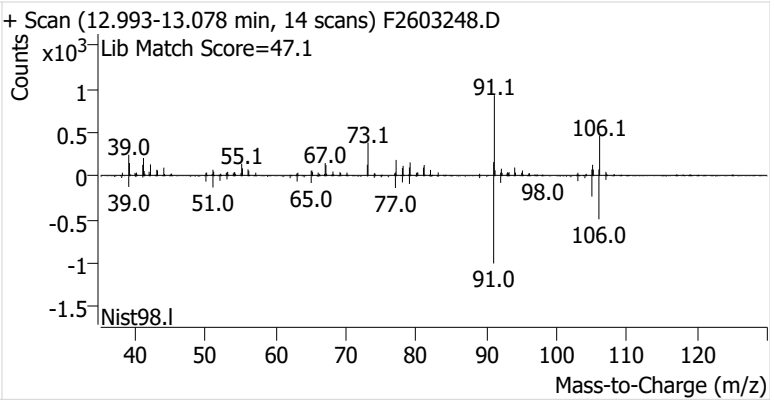
Ethylbenzene



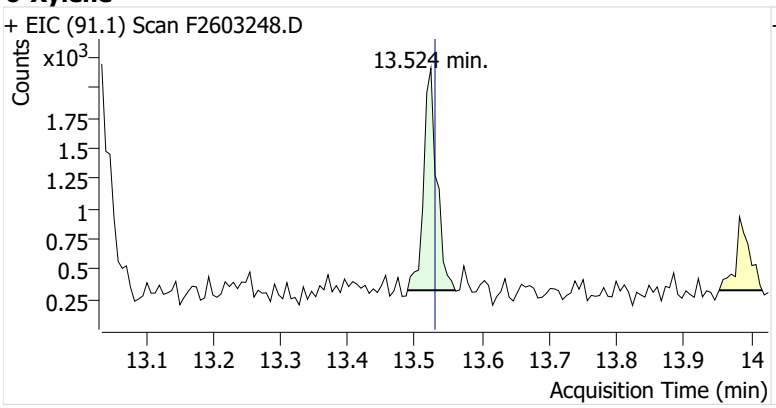


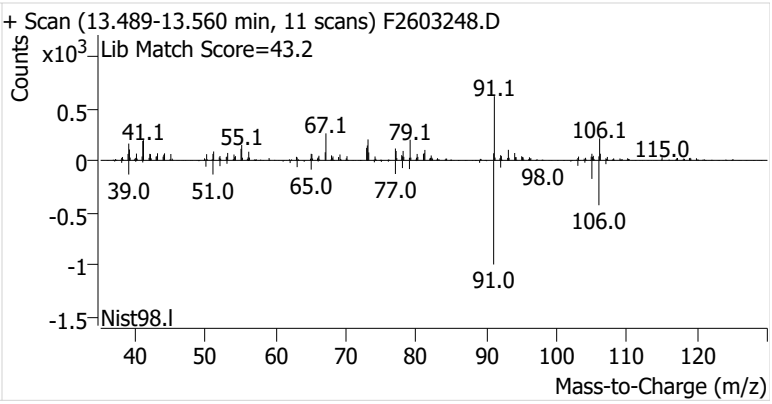
m-/p-Xylenes





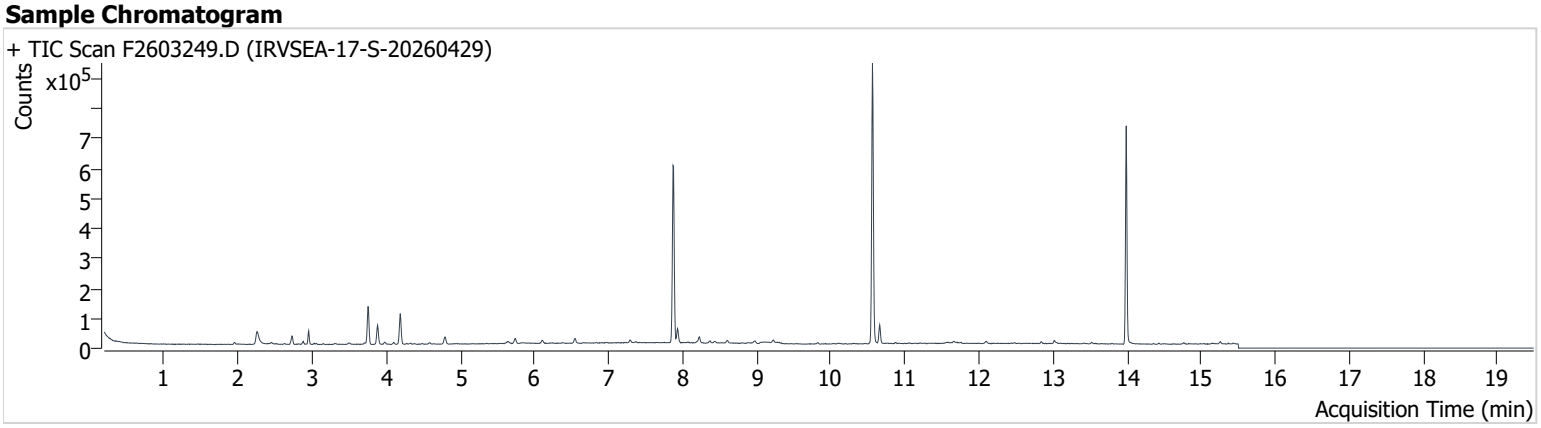
o-Xylene


+ EIC (91.1) Scan F2603248.D
Counts
x10^3
13.524 min.
1.75
1.5
1.25
1
0.75
0.5
0.25
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.560 min, 11 scans) F2603248.D
Counts
x10^3
Lib Match Score=43.2
91.1
41.1
55.1
67.1
79.1
106.1
115.0
98.0
106.0
39.0
51.0
65.0
77.0
91.0
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

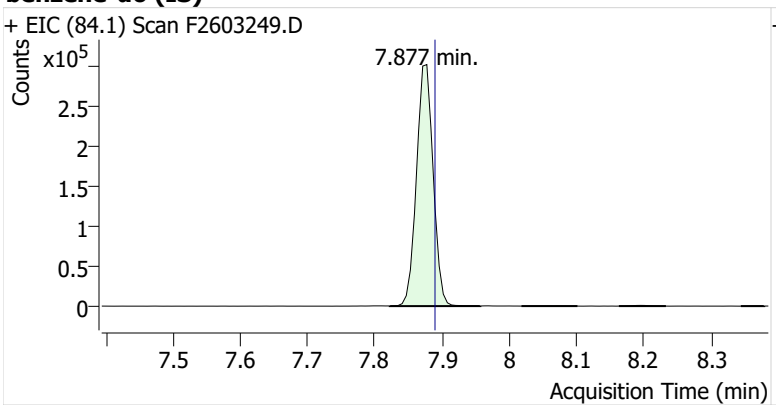
Name	IRVSEA-17-S-20260429
Comment	C01620
Data File	F2603249.D
Acq. Date-Time	5/14/2026 11:48:28 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

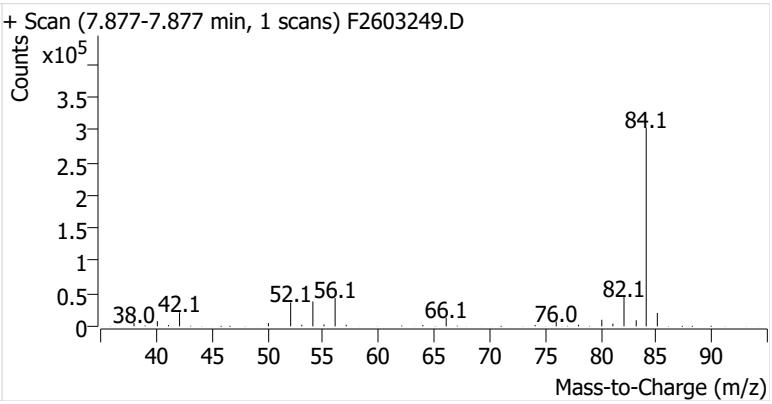
Sample Chromatogram



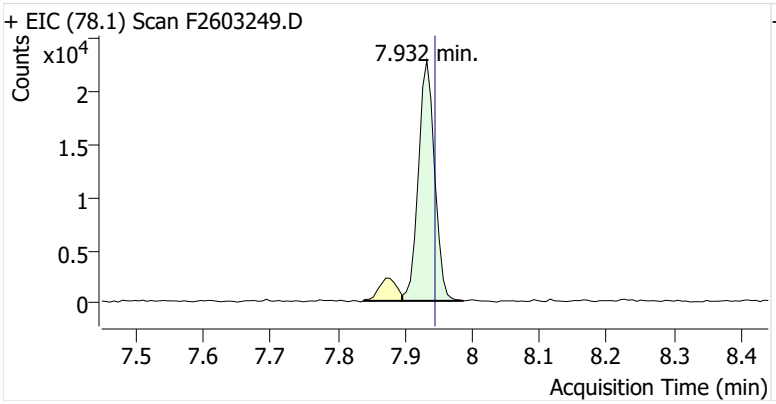
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.889	521,473	
Benzene	benzene-d6 (IS)	7.932	7.945	37,814	
Toluene-d8 (IS)		10.563	10.569	561,510	
Toluene	Toluene-d8 (IS)	10.661	10.667	38,334	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.851	3,638	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.028	6,688	
o-Xylene	Toluene-d8 (IS)	13.518	13.530	2,773	

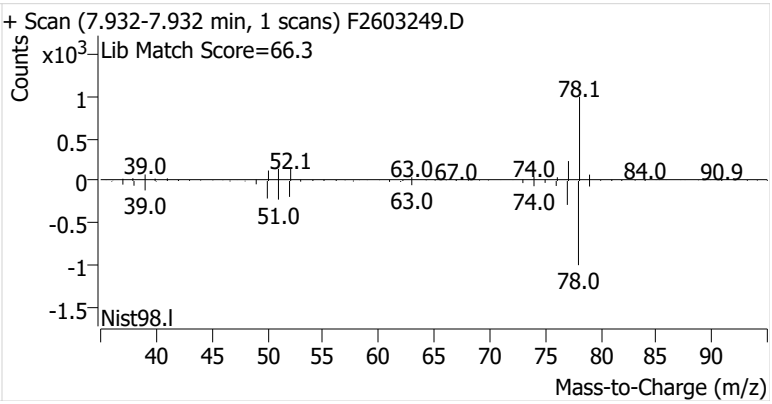
benzene-d6 (IS)



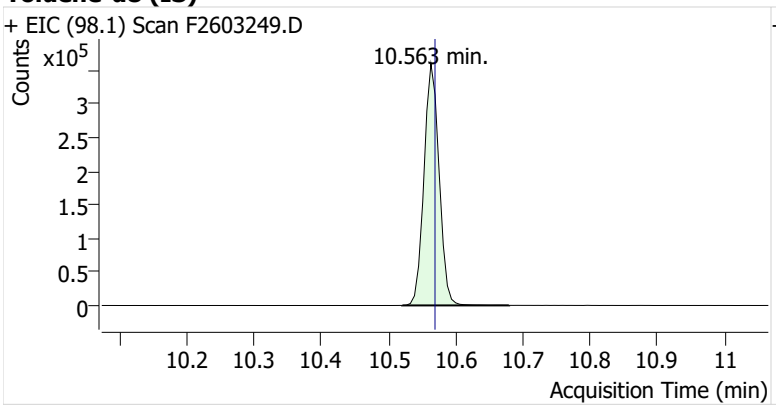


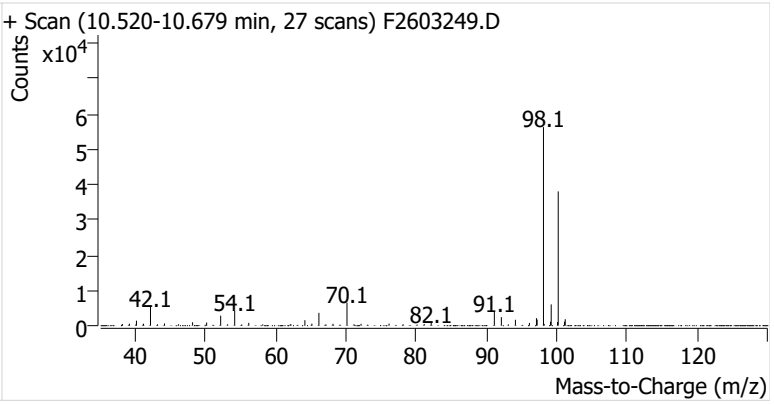
Benzene



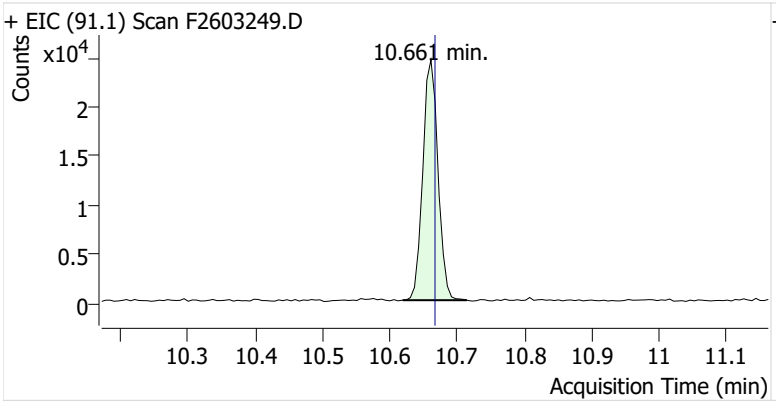


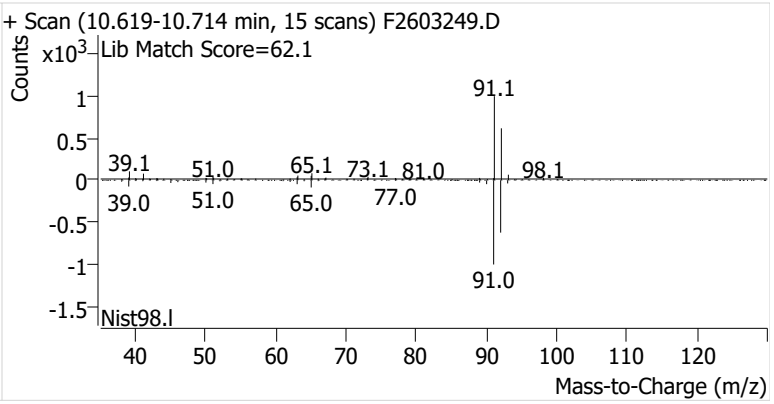
Toluene-d8 (IS)



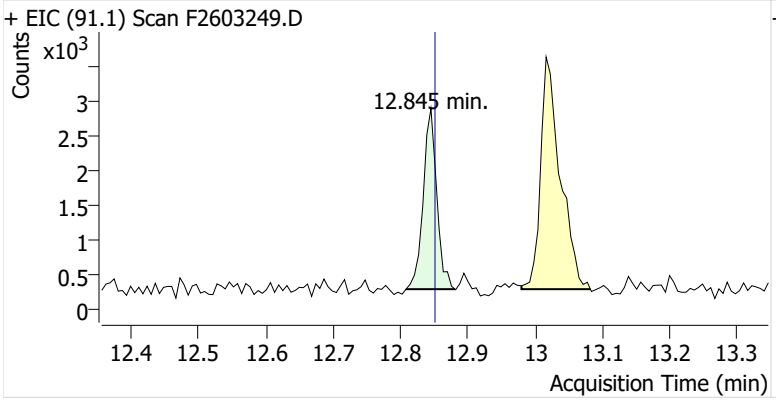


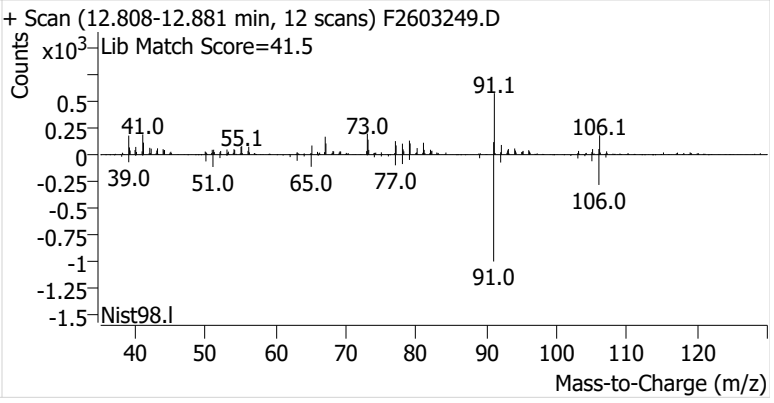
Toluene



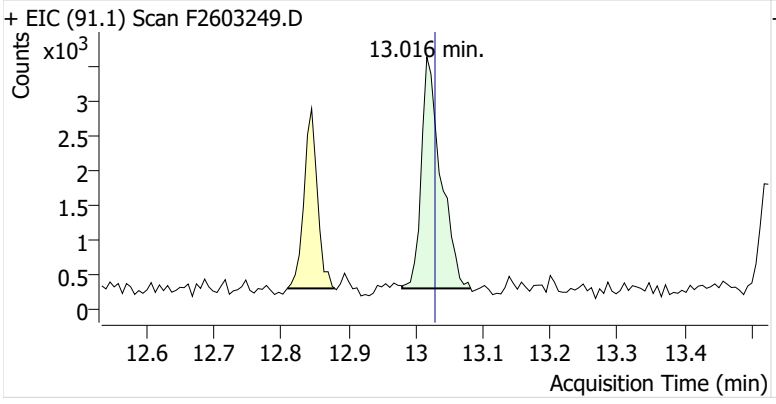


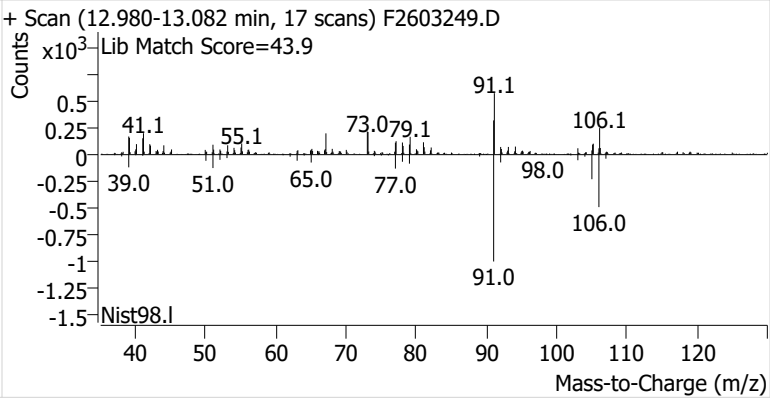
Ethylbenzene



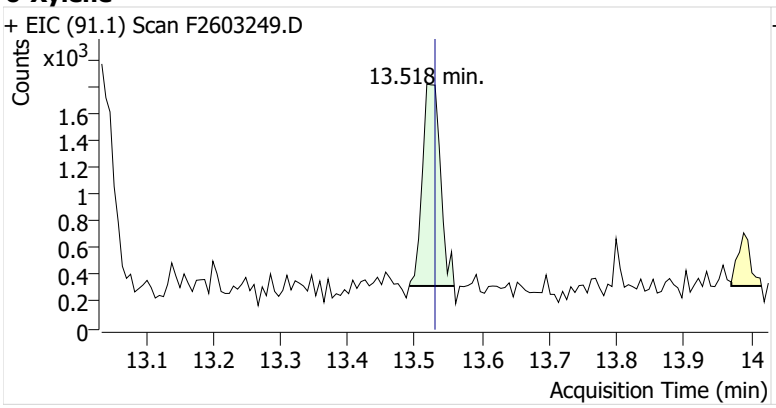


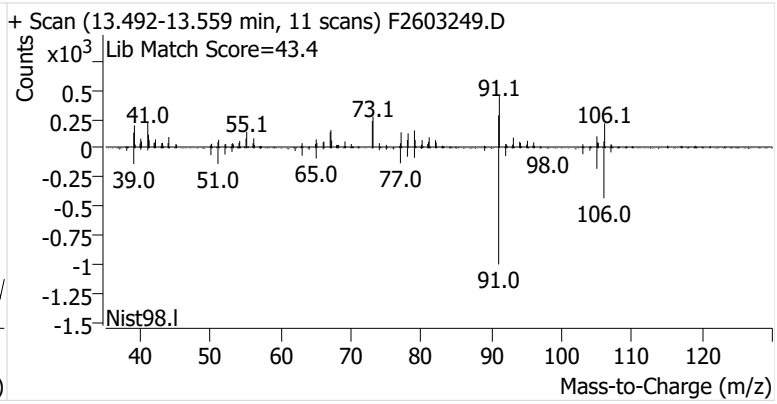
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan F2603249.D
Counts
x10^3
13.518 min.
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.492-13.559 min, 11 scans) F2603249.D
Counts
x10^3
Lib Match Score=43.4
0.5
0.25
0
-0.25
-0.5
-0.75
-1
-1.25
-1.5
41.0
55.1
73.1
91.1
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	1	F2508171.D	5.96	52606	56.3	529201	0.939	0.039
F121725A_CC185154	Benzene	2	F2508172.D	11.93	90306	56.3	525740	0.811	-0.1
F121725A_CC185154	Benzene	3	F2508173.D	23.85	205594	56.3	535697	0.906	0.0032
F121725A_CC185154	Benzene	4	F2508174.D	47.70	403557	56.3	539152	0.884	-0.022
F121725A_CC185154	Benzene	5	F2508175.D	119.26	1061108	56.3	547207	0.916	0.014
F121725A_CC185154	Benzene	6	F2508176.D	238.51	2220768	56.3	544872	0.963	0.065
F121725A_CC185154	Benzene	7	F2508177.D	715.53	6456657	56.3	561348	0.906	0.0022
						Avg:	540460	0.904	
						%RSD:	2.2%	5.3%	
F121725A_CC185154	Toluene	1	F2508171.D	5.24	53241	66.1	606147	1.108	0.016
F121725A_CC185154	Toluene	2	F2508172.D	10.47	110436	66.1	616680	1.130	0.035
F121725A_CC185154	Toluene	3	F2508173.D	20.95	215705	66.1	622459	1.093	0.0017
F121725A_CC185154	Toluene	4	F2508174.D	41.90	427518	66.1	627442	1.074	-0.015
F121725A_CC185154	Toluene	5	F2508175.D	104.74	1078346	66.1	633720	1.073	-0.016
F121725A_CC185154	Toluene	6	F2508176.D	209.48	2208644	66.1	634907	1.097	0.0055
F121725A_CC185154	Toluene	7	F2508177.D	628.45	6371104	66.1	630656	1.062	-0.027
						Avg:	624573	1.091	
						%RSD:	1.7%	2.1%	
F121725A_CC185154	Ethylbenzene	1	F2508171.D	5.44	52701	66.1	606147	1.055	-0.083
F121725A_CC185154	Ethylbenzene	2	F2508172.D	10.89	103364	66.1	616680	1.017	-0.12
F121725A_CC185154	Ethylbenzene	3	F2508173.D	21.77	249010	66.1	622459	1.214	0.055
F121725A_CC185154	Ethylbenzene	4	F2508174.D	43.54	510214	66.1	627442	1.234	0.073
F121725A_CC185154	Ethylbenzene	5	F2508175.D	108.86	1213007	66.1	633720	1.162	0.0099
F121725A_CC185154	Ethylbenzene	6	F2508176.D	217.72	2518155	66.1	634907	1.204	0.046
F121725A_CC185154	Ethylbenzene	7	F2508177.D	653.16	7272682	66.1	630656	1.166	0.014
						Avg:	624573	1.150	
						%RSD:	1.7%	7.2%	
F121725A_CC185154	m-/p-Xylenes	1	F2508171.D	6.10	45227	66.1	606147	0.808	-0.14
F121725A_CC185154	m-/p-Xylenes	2	F2508172.D	12.20	93766	66.1	616680	0.823	-0.12
F121725A_CC185154	m-/p-Xylenes	3	F2508173.D	24.40	229774	66.1	622459	0.999	0.064
F121725A_CC185154	m-/p-Xylenes	4	F2508174.D	48.80	467094	66.1	627442	1.008	0.072
F121725A_CC185154	m-/p-Xylenes	5	F2508175.D	122.00	1082720	66.1	633720	0.925	-0.015
F121725A_CC185154	m-/p-Xylenes	6	F2508176.D	244.00	2328036	66.1	634907	0.993	0.056
F121725A_CC185154	m-/p-Xylenes	7	F2508177.D	732.01	7137741	66.1	630656	1.021	0.087
						Avg:	624573	0.940	
						%RSD:	1.7%	9.6%	
F121725A_CC185154	o-Xylene	1	F2508171.D	5.67	42268	66.1	606147	0.812	-0.14
F121725A_CC185154	o-Xylene	2	F2508172.D	11.35	85951	66.1	616680	0.812	-0.14
F121725A_CC185154	o-Xylene	3	F2508173.D	22.69	217910	66.1	622459	1.019	0.08

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG204-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	o-Xylene	4	F2508174.D	45.38	446025	66.1	627442	1.035	0.097
F121725A_CC185154	o-Xylene	5	F2508175.D	113.46	1032192	66.1	633720	0.948	0.0051
F121725A_CC185154	o-Xylene	6	F2508176.D	226.92	2179717	66.1	634907	1.000	0.059
F121725A_CC185154	o-Xylene	7	F2508177.D	680.75	6366952	66.1	630656	0.980	0.038
						Avg:	624573	0.944	
						%RSD:	1.7%	10.0%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	ICV	F2508178.D	443.46	3919944	56.3	563465	0.884	-2.2%
F121725A_CC185154	Toluene	ICV	F2508178.D	454.10	4554523	66.1	629158	1.053	-3.5%
F121725A_CC185154	Ethylbenzene	ICV	F2508178.D	448.99	4890504	66.1	629158	1.144	-0.6%
F121725A_CC185154	m-/p-Xylenes	ICV	F2508178.D	455.97	3870637	66.1	629158	0.891	-5.1%
F121725A_CC185154	o-Xylene	ICV	F2508178.D	456.85	3921714	66.1	629158	0.901	-4.5%

M325B PDF Report ver.20260421

Sample Custody

2026GG204

Onterris

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 1

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Irving Searsport Terminal	Client Name:	Onterris Air Quality Services	PO#:	
Site Address:	52 Station Ave.	Project Number:	PROJ-050105	Sample Event #	2026GG204
City:	Searsport	Project Manager:	Sabarish Selvarajan	Sorbent:	Carbopak-X
State	Maine	Email Address:	sabarishselvarajan@onterris.com		
Zip:	04401	Telephone #:	973-722-7895		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C71646	S	4/29/26	10:08 AM	5/13/26	10:32 AM	KV/LF		
2	C43336	S	4/29/26	10:12 AM	5/13/26	11:19 AM	KV/LF		
2	C57644	D	4/29/26	10:12 AM	5/13/26	11:19 AM	KV/LF		
2	C36916	B	4/29/26	10:12 AM	5/13/26	11:19 AM	KV/LF		
3	C71513	S	4/29/26	10:15 AM	5/13/26	11:14 AM	KV/LF		
4	C71601	S	4/29/26	10:18 AM	5/13/26	11:11 AM	KV/LF		
5	B21073	S	4/29/26	10:20 AM	5/13/26	11:08 AM	KV/LF		
6	B35573	S	4/29/26	10:22 AM	5/13/26	11:05 AM	KV/LF		
7	C65210	S	4/29/26	10:24 AM	5/13/26	11:02 AM	KV/LF		
8	B53299	S	4/29/26	10:26 AM	5/13/26	11:00 AM	KV/LF		
8	B46244	D	4/29/26	10:26 AM	5/13/26	11:00 AM	KV/LF		
8	C37509	B	4/29/26	10:26 AM	5/13/26	11:00 AM	KV/LF		
9	C01664	S	4/29/26	10:29 AM	5/13/26	10:56 AM	KV/LF		
10	C36897	S	4/29/26	10:32 AM	5/13/26	10:53 AM	KV/LF		
11	B45100	S	4/29/26	10:34 AM	5/13/26	10:51 AM	KV/LF		
12	C69804	S	4/29/26	9:59 AM	5/13/26	10:46 AM	KV/LF		
13	C36893	S	4/29/26	10:02 AM	5/13/26	10:41 AM	KV/LF		
14	B37532	S	4/29/26	10:05 AM	5/13/26	10:38 AM	KV/LF		
15	C33484	S	4/29/26	11:00 AM	5/13/26	11:48 AM	KV/LF		
16	B52736	S	4/29/26	11:02 AM	5/13/26	11:44 AM	KV/LF		
17	C01620	S	4/29/26	11:04 AM	5/13/26	11:41 AM	KV/LF		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Lottie Franck	LF	5/13/2026	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Susan Pierce	Susan Pierce	5/14/2026	9:35AM

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good			Benzene Toluene Ethylbenzene O-xylenes, m-/p-xylenes	Y	
mp:	Blank Temp: 20.5	Fluke4		Add Custody Seal # below: 25E08990	

Comments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.onterris.com

This Is The Last Page Of This Report.

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 44 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 5/28/2026

Analytical Report
2026GG205

EPA Method 325B Analysis

Report Issue Date: 6/5/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matt Cavanaugh
Matthew.Cavanaugh@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG205-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Onterris/Enthalpy on May 28, 2026 at 20.2 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260513	C43342	Sample
IRVSEA-2-S-20260513	C69525	Sample
IRVSEA-2-D-20260513	B50962	Duplicate
IRVSEA-2-B-20260513	C71661	Blank
IRVSEA-3-S-20260513	C35829	Sample
IRVSEA-4-S-20260513	C40196	Sample
IRVSEA-5-S-20260513	C20556	Sample
IRVSEA-6-S-20260513	C40676	Sample
IRVSEA-7-S-20260513	C24181	Sample
IRVSEA-8-S-20260513	C17233	Sample
IRVSEA-8-D-20260513	C36983	Duplicate
IRVSEA-8-B-20260513	C33460	Blank
IRVSEA-9-S-20260513	C31426	Sample
IRVSEA-10-S-20260513	C32703	Sample
IRVSEA-11-S-20260513	B53216	Sample
IRVSEA-12-S-20260513	C36920	Sample
IRVSEA-13-S-20260513	C70028	Sample
IRVSEA-14-S-20260513	C02026	Sample
IRVSEA-15-S-20260513	C68580	Sample
IRVSEA-16-S-20260513	C61560	Sample
IRVSEA-17-S-20260513	C37461	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG205-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (M012026A_CC185154_R1) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

One of the continuing calibration checks used in this sequence was made 31 days before it was ran, which is a deviation from the 30-day hold time for samples per SOP. The lab does not believe that the data quality has been affected.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Onterris/Enthalpy, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260513	C43342	0.363	J	0.982		0.275	ND	0.388	J	0.275	ND
IRVSEA-2-S-20260513	C69525	0.473		1.05		0.275	ND	0.422	J	0.275	ND
IRVSEA-2-D-20260513	B50962	0.428	J	1.17		0.275	ND	0.495	J	0.275	ND
IRVSEA-2-B-20260513	C71661	0.189	ND	0.244	ND	0.275	ND	0.275	ND	0.275	ND
IRVSEA-3-S-20260513	C35829	0.466		1.34		0.305	J	0.715		0.275	ND
IRVSEA-4-S-20260513	C40196	0.368	J	0.808		0.275	ND	0.275	ND	0.275	ND
IRVSEA-5-S-20260513	C20556	0.462		1.42		0.275	ND	0.772		0.292	J
IRVSEA-6-S-20260513	C40676	0.535		1.92		0.315	J	0.920		0.338	J
IRVSEA-7-S-20260513	C24181	1.11		4.59		0.777		2.34		0.891	
IRVSEA-8-S-20260513	C17233	1.97		8.27		1.22		4.36		1.70	
IRVSEA-8-D-20260513	C36983	1.99		8.55		1.35		4.42		1.66	
IRVSEA-8-B-20260513	C33460	0.189	ND	0.243	ND	0.275	ND	0.275	ND	0.275	ND
IRVSEA-9-S-20260513	C31426	0.948		3.78		0.622		1.89		0.719	
IRVSEA-10-S-20260513	C32703	1.53		6.48		1.05		3.34		1.27	
IRVSEA-11-S-20260513	B53216	1.60		6.59		1.06		3.30		1.30	
IRVSEA-12-S-20260513	C36920	1.18		4.77		0.762		2.26		0.859	
IRVSEA-13-S-20260513	C70028	0.666		2.50		0.401	J	1.35		0.536	J
IRVSEA-14-S-20260513	C02026	0.495		1.55		0.275	ND	0.616	J	0.275	ND
IRVSEA-15-S-20260513	C68580	0.296	J	0.630		0.275	ND	0.303	J	0.275	ND
IRVSEA-16-S-20260513	C61560	0.286	J	0.576		0.275	ND	0.275	ND	0.275	ND
IRVSEA-17-S-20260513	C37461	0.300	J	0.778		0.275	ND	0.290	J	0.275	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260513	C43342	0.363	0.114	4.81	59.1	0.659	20121	0.189	0.453	0.0591	0.142	J	M2602354.d	2026-05-28 21:00	1.012	8.095	25106	289169	56.0	8.038	-1.2%
IRVSEA-2-S-20260513	C69525	0.473	0.148	6.25	59.1	0.659	20077	0.189	0.454	0.0592	0.142		M2602355.d	2026-05-28 21:26	1.012	8.095	32683	289442	56.0	8.038	-1.1%
IRVSEA-2-D-20260513	B50962	0.428	0.134	5.66	59.1	0.659	20077	0.189	0.454	0.0592	0.142	J	M2602356.d	2026-05-28 21:52	1.012	8.095	29780	291174	56.0	8.038	-0.5%
IRVSEA-2-B-20260513	C71661	0.189	0.0592		59.1	0.659	20077	0.189	0.454	0.0592	0.142	ND	M2602353.d	2026-05-28 20:34	1.012	8.095	5035	293070	56.0	8.038	0.2%
IRVSEA-3-S-20260513	C35829	0.466	0.146	6.17	59.1	0.659	20085	0.189	0.454	0.0592	0.142		M2602357.d	2026-05-28 22:18	1.012	8.095	32335	290340	56.0	8.038	-0.8%
IRVSEA-4-S-20260513	C40196	0.368	0.115	4.87	59.1	0.659	20090	0.189	0.454	0.0592	0.142	J	M2602358.d	2026-05-28 22:44	1.012	8.095	25490	289732	56.0	8.038	-1.0%
IRVSEA-5-S-20260513	C20556	0.462	0.145	6.12	59.1	0.659	20095	0.189	0.454	0.0592	0.142		M2602359.d	2026-05-28 23:10	1.012	8.095	31887	288678	56.0	8.038	-1.3%
IRVSEA-6-S-20260513	C40676	0.535	0.168	7.09	59.1	0.659	20101	0.189	0.453	0.0591	0.142		M2602360.d	2026-05-28 23:37	1.012	8.095	36652	286348	56.0	8.038	-2.1%
IRVSEA-7-S-20260513	C24181	1.11	0.347	14.7	59.1	0.659	20107	0.189	0.453	0.0591	0.142		M2602361.d	2026-05-29 00:03	1.012	8.095	76816	289677	56.0	8.038	-1.0%
IRVSEA-8-S-20260513	C17233	1.97	0.618	26.2	59.1	0.659	20112	0.189	0.453	0.0591	0.142		M2602362.d	2026-05-29 00:29	1.012	8.095	136615	289207	56.0	8.038	-1.2%
IRVSEA-8-D-20260513	C36983	1.99	0.624	26.4	59.1	0.659	20112	0.189	0.453	0.0591	0.142		M2602365.d	2026-05-29 01:47	1.012	8.095	136729	286871	56.0	8.038	-2.0%
IRVSEA-8-B-20260513	C33460	0.189	0.0591		59.1	0.659	20112	0.189	0.453	0.0591	0.142	ND	M2602363.d	2026-05-29 00:55	1.012	8.088	3199	287737	56.0	8.038	-1.7%
IRVSEA-9-S-20260513	C31426	0.948	0.297	12.6	59.1	0.659	20119	0.189	0.453	0.0591	0.142		M2602366.d	2026-05-29 02:13	1.012	8.095	65198	287430	56.0	8.038	-1.8%
IRVSEA-10-S-20260513	C32703	1.53	0.479	20.3	59.1	0.659	20125	0.189	0.453	0.0591	0.142		M2602367.d	2026-05-29 02:39	1.012	8.095	104504	285551	56.0	8.038	-2.4%
IRVSEA-11-S-20260513	B53216	1.60	0.500	21.2	59.1	0.659	20129	0.189	0.453	0.0591	0.142		M2602368.d	2026-05-29 03:05	1.012	8.095	109119	285504	56.0	8.038	-2.4%
IRVSEA-12-S-20260513	C36920	1.18	0.368	15.6	59.1	0.659	20096	0.189	0.454	0.0592	0.142		M2602369.d	2026-05-29 03:32	1.012	8.095	80757	287369	56.0	8.038	-1.8%
IRVSEA-13-S-20260513	C70028	0.666	0.209	8.82	59.1	0.659	20105	0.189	0.453	0.0591	0.142		M2602370.d	2026-05-29 03:58	1.012	8.095	45580	286069	56.0	8.038	-2.2%
IRVSEA-14-S-20260513	C02026	0.495	0.155	6.56	59.1	0.659	20112	0.189	0.453	0.0591	0.142		M2602371.d	2026-05-29 04:24	1.012	8.095	33716	284548	56.0	8.038	-2.8%
IRVSEA-15-S-20260513	C68580	0.296	0.0928	3.92	59.2	0.659	20091	0.189	0.454	0.0592	0.142	J	M2602372.d	2026-05-29 04:50	1.012	8.095	19996	282492	56.0	8.038	-3.5%
IRVSEA-16-S-20260513	C61560	0.286	0.0895	3.78	59.2	0.659	20097	0.189	0.453	0.0591	0.142	J	M2602373.d	2026-05-29 05:16	1.012	8.095	19533	285787	56.0	8.038	-2.3%
IRVSEA-17-S-20260513	C37461	0.300	0.0940	3.98	59.2	0.659	20103	0.189	0.453	0.0591	0.142	J	M2602374.d	2026-05-29 05:42	1.012	8.088	20551	286220	56.0	8.038	-2.2%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260513	C43342	0.982	0.261	10.1	59.1	0.511	20121	0.243	0.513	0.0645	0.136		M2602354.d	2026-05-28 21:00	1.243	10.810	59770	312511	65.7	10.717	-3.3%
IRVSEA-2-S-20260513	C69525	1.05	0.280	10.8	59.1	0.511	20077	0.244	0.514	0.0647	0.136		M2602355.d	2026-05-28 21:26	1.243	10.817	65359	319340	65.7	10.717	-1.2%
IRVSEA-2-D-20260513	B50962	1.17	0.311	12.0	59.1	0.511	20077	0.244	0.514	0.0647	0.136		M2602356.d	2026-05-28 21:52	1.243	10.817	72633	318907	65.7	10.717	-1.4%
IRVSEA-2-B-20260513	C71661	0.244	0.0647		59.1	0.511	20077	0.244	0.514	0.0647	0.136	ND	M2602353.d	2026-05-28 20:34	1.243	10.817	7642	321981	65.7	10.717	-0.4%
IRVSEA-3-S-20260513	C35829	1.34	0.357	13.8	59.1	0.511	20085	0.243	0.513	0.0646	0.136		M2602357.d	2026-05-28 22:18	1.243	10.817	82233	314817	65.7	10.717	-2.6%
IRVSEA-4-S-20260513	C40196	0.808	0.215	8.30	59.1	0.511	20090	0.243	0.513	0.0646	0.136		M2602358.d	2026-05-28 22:44	1.243	10.817	50048	318381	65.7	10.717	-1.5%
IRVSEA-5-S-20260513	C20556	1.42	0.377	14.6	59.1	0.511	20095	0.243	0.513	0.0646	0.136		M2602359.d	2026-05-28 23:10	1.243	10.817	88111	318886	65.7	10.717	-1.4%
IRVSEA-6-S-20260513	C40676	1.92	0.511	19.8	59.1	0.511	20101	0.243	0.513	0.0646	0.136		M2602360.d	2026-05-28 23:37	1.243	10.810	116975	312382	65.7	10.717	-3.4%
IRVSEA-7-S-20260513	C24181	4.59	1.22	47.2	59.1	0.511	20107	0.243	0.513	0.0646	0.136		M2602361.d	2026-05-29 00:03	1.243	10.817	281775	315544	65.7	10.717	-2.4%
IRVSEA-8-S-20260513	C17233	8.27	2.20	85.1	59.1	0.511	20112	0.243	0.513	0.0646	0.136		M2602362.d	2026-05-29 00:29	1.243	10.817	508614	315690	65.7	10.717	-2.4%
IRVSEA-8-D-20260513	C36983	8.55	2.27	87.9	59.1	0.511	20112	0.243	0.513	0.0646	0.136		M2602365.d	2026-05-29 01:47	1.243	10.817	524685	315176	65.7	10.717	-2.5%
IRVSEA-8-B-20260513	C33460	0.243	0.0646		59.1	0.511	20112	0.243	0.513	0.0646	0.136	ND	M2602363.d	2026-05-29 00:55	1.243	10.817	5492	312508	65.7	10.717	-3.3%
IRVSEA-9-S-20260513	C31426	3.78	1.00	38.9	59.1	0.511	20119	0.243	0.513	0.0645	0.136		M2602366.d	2026-05-29 02:13	1.243	10.817	232873	316151	65.7	10.717	-2.2%
IRVSEA-10-S-20260513	C32703	6.48	1.72	66.7	59.1	0.511	20125	0.243	0.512	0.0645	0.136		M2602367.d	2026-05-29 02:39	1.243	10.817	393099	311246	65.7	10.717	-3.7%
IRVSEA-11-S-20260513	B53216	6.59	1.75	67.8	59.1	0.511	20129	0.243	0.512	0.0645	0.136		M2602368.d	2026-05-29 03:05	1.243	10.817	405273	315668	65.7	10.717	-2.4%
IRVSEA-12-S-20260513	C36920	4.77	1.27	49.0	59.1	0.511	20096	0.243	0.513	0.0646	0.136		M2602369.d	2026-05-29 03:32	1.243	10.817	294160	317167	65.7	10.717	-1.9%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260513	C70028	2.50	0.664	25.7	59.1	0.511	20105	0.243	0.513	0.0646	0.136		M2602370.d	2026-05-29 03:58	1.243	10.810	151463	311137	65.7	10.717	-3.8%
IRVSEA-14-S-20260513	C02026	1.55	0.411	15.9	59.1	0.511	20112	0.243	0.513	0.0646	0.136		M2602371.d	2026-05-29 04:24	1.243	10.817	92986	308417	65.7	10.717	-4.6%
IRVSEA-15-S-20260513	C68580	0.630	0.167	6.47	59.2	0.511	20091	0.243	0.513	0.0646	0.136		M2602372.d	2026-05-29 04:50	1.243	10.817	38064	310849	65.7	10.717	-3.9%
IRVSEA-16-S-20260513	C61560	0.576	0.153	5.92	59.2	0.511	20097	0.243	0.513	0.0646	0.136		M2602373.d	2026-05-29 05:16	1.243	10.817	34747	309840	65.7	10.717	-4.2%
IRVSEA-17-S-20260513	C37461	0.778	0.206	7.99	59.2	0.511	20103	0.243	0.513	0.0646	0.136		M2602374.d	2026-05-29 05:42	1.243	10.810	47225	312067	65.7	10.717	-3.5%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260513	C43342	0.275	0.0633		59.1	0.452	20121	0.275	0.602	0.0633	0.139	ND	M2602354.d	2026-05-28 21:00	1.323	12.995	9330	312511	65.7	10.717	-3.3%
IRVSEA-2-S-20260513	C69525	0.275	0.0634		59.1	0.452	20077	0.275	0.604	0.0634	0.139	ND	M2602355.d	2026-05-28 21:26	1.323	12.995	8321	319340	65.7	10.717	-1.2%
IRVSEA-2-D-20260513	B50962	0.275	0.0634		59.1	0.452	20077	0.275	0.604	0.0634	0.139	ND	M2602356.d	2026-05-28 21:52	1.323	12.995	11958	318907	65.7	10.717	-1.4%
IRVSEA-2-B-20260513	C71661	0.275	0.0634		59.1	0.452	20077	0.275	0.604	0.0634	0.139	ND	M2602353.d	2026-05-28 20:34	1.323	13.002	1125	321981	65.7	10.717	-0.4%
IRVSEA-3-S-20260513	C35829	0.305	0.0702	2.77	59.1	0.452	20085	0.275	0.603	0.0634	0.139	J	M2602357.d	2026-05-28 22:18	1.323	12.995	17560	314817	65.7	10.717	-2.6%
IRVSEA-4-S-20260513	C40196	0.275	0.0634		59.1	0.452	20090	0.275	0.603	0.0634	0.139	ND	M2602358.d	2026-05-28 22:44	1.323	12.995	4981	318381	65.7	10.717	-1.5%
IRVSEA-5-S-20260513	C20556	0.275	0.0634		59.1	0.452	20095	0.275	0.603	0.0634	0.139	ND	M2602359.d	2026-05-28 23:10	1.323	12.995	13803	318886	65.7	10.717	-1.4%
IRVSEA-6-S-20260513	C40676	0.315	0.0725	2.86	59.1	0.452	20101	0.275	0.603	0.0634	0.139	J	M2602360.d	2026-05-28 23:37	1.323	12.995	18006	312382	65.7	10.717	-3.4%
IRVSEA-7-S-20260513	C24181	0.777	0.179	7.07	59.1	0.452	20107	0.275	0.603	0.0634	0.139		M2602361.d	2026-05-29 00:03	1.323	12.995	44923	315544	65.7	10.717	-2.4%
IRVSEA-8-S-20260513	C17233	1.22	0.281	11.1	59.1	0.452	20112	0.275	0.602	0.0633	0.139		M2602362.d	2026-05-29 00:29	1.323	12.995	70523	315690	65.7	10.717	-2.4%
IRVSEA-8-D-20260513	C36983	1.35	0.312	12.3	59.1	0.452	20112	0.275	0.602	0.0633	0.139		M2602365.d	2026-05-29 01:47	1.323	12.995	78241	315176	65.7	10.717	-2.5%
IRVSEA-8-B-20260513	C33460	0.275	0.0633		59.1	0.452	20112	0.275	0.602	0.0633	0.139	ND	M2602363.d	2026-05-29 00:55	1.323	12.995	429	312508	65.7	10.717	-3.3%
IRVSEA-9-S-20260513	C31426	0.622	0.143	5.66	59.1	0.452	20119	0.275	0.602	0.0633	0.139		M2602366.d	2026-05-29 02:13	1.323	12.995	36040	316151	65.7	10.717	-2.2%
IRVSEA-10-S-20260513	C32703	1.05	0.242	9.57	59.1	0.452	20125	0.275	0.602	0.0633	0.139		M2602367.d	2026-05-29 02:39	1.323	12.995	60025	311246	65.7	10.717	-3.7%
IRVSEA-11-S-20260513	B53216	1.06	0.245	9.69	59.1	0.452	20129	0.275	0.602	0.0633	0.139		M2602368.d	2026-05-29 03:05	1.323	12.995	61617	315668	65.7	10.717	-2.4%
IRVSEA-12-S-20260513	C36920	0.762	0.176	6.92	59.1	0.452	20096	0.275	0.603	0.0634	0.139		M2602369.d	2026-05-29 03:32	1.323	12.995	44232	317167	65.7	10.717	-1.9%
IRVSEA-13-S-20260513	C70028	0.401	0.0925	3.65	59.1	0.452	20105	0.275	0.603	0.0634	0.139	J	M2602370.d	2026-05-29 03:58	1.323	12.995	22877	311137	65.7	10.717	-3.8%
IRVSEA-14-S-20260513	C02026	0.275	0.0633		59.1	0.452	20112	0.275	0.602	0.0633	0.139	ND	M2602371.d	2026-05-29 04:24	1.323	12.995	13885	308417	65.7	10.717	-4.6%
IRVSEA-15-S-20260513	C68580	0.275	0.0634		59.2	0.452	20091	0.275	0.603	0.0634	0.139	ND	M2602372.d	2026-05-29 04:50	1.323	12.995	5354	310849	65.7	10.717	-3.9%
IRVSEA-16-S-20260513	C61560	0.275	0.0634		59.2	0.452	20097	0.275	0.603	0.0634	0.139	ND	M2602373.d	2026-05-29 05:16	1.323	12.995	4594	309840	65.7	10.717	-4.2%
IRVSEA-17-S-20260513	C37461	0.275	0.0634		59.2	0.452	20103	0.275	0.603	0.0634	0.139	ND	M2602374.d	2026-05-29 05:42	1.323	12.995	7729	312067	65.7	10.717	-3.5%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260513	C43342	0.388	0.0895	3.53	59.1	0.452	20121	0.275	0.675	0.0633	0.156	J	M2602354.d	2026-05-28 21:00	1.009	13.174	16966	312511	65.7	10.717	-3.3%
IRVSEA-2-S-20260513	C69525	0.422	0.0973	3.83	59.1	0.452	20077	0.275	0.676	0.0634	0.156	J	M2602355.d	2026-05-28 21:26	1.009	13.174	18813	319340	65.7	10.717	-1.2%
IRVSEA-2-D-20260513	B50962	0.495	0.114	4.49	59.1	0.452	20077	0.275	0.676	0.0634	0.156	J	M2602356.d	2026-05-28 21:52	1.009	13.174	22014	318907	65.7	10.717	-1.4%
IRVSEA-2-B-20260513	C71661	0.275	0.0634		59.1	0.452	20077	0.275	0.676	0.0634	0.156	ND	M2602353.d	2026-05-28 20:34	1.009	13.174	963	321981	65.7	10.717	-0.4%
IRVSEA-3-S-20260513	C35829	0.715	0.165	6.50	59.1	0.452	20085	0.275	0.676	0.0634	0.156		M2602357.d	2026-05-28 22:18	1.009	13.174	31441	314817	65.7	10.717	-2.6%
IRVSEA-4-S-20260513	C40196	0.275	0.0634		59.1	0.452	20090	0.275	0.676	0.0634	0.156	ND	M2602358.d	2026-05-28 22:44	1.009	13.174	796	318381	65.7	10.717	-1.5%
IRVSEA-5-S-20260513	C20556	0.772	0.178	7.01	59.1	0.452	20095	0.275	0.676	0.0634	0.156		M2602359.d	2026-05-28 23:10	1.009	13.174	34368	318886	65.7	10.717	-1.4%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260513	C40676	0.920	0.212	8.37	59.1	0.452	20101	0.275	0.676	0.0634	0.156		M2602360.d	2026-05-28 23:37	1.009	13.174	40159	312382	65.7	10.717	-3.4%
IRVSEA-7-S-20260513	C24181	2.34	0.539	21.3	59.1	0.452	20107	0.275	0.675	0.0634	0.156		M2602361.d	2026-05-29 00:03	1.009	13.174	103147	315544	65.7	10.717	-2.4%
IRVSEA-8-S-20260513	C17233	4.36	1.01	39.7	59.1	0.452	20112	0.275	0.675	0.0633	0.156		M2602362.d	2026-05-29 00:29	1.009	13.174	192578	315690	65.7	10.717	-2.4%
IRVSEA-8-D-20260513	C36983	4.42	1.02	40.2	59.1	0.452	20112	0.275	0.675	0.0633	0.156		M2602365.d	2026-05-29 01:47	1.009	13.174	194768	315176	65.7	10.717	-2.5%
IRVSEA-8-B-20260513	C33460	0.275	0.0633		59.1	0.452	20112	0.275	0.675	0.0633	0.156	ND	M2602363.d	2026-05-29 00:55	1.009	13.167	481	312508	65.7	10.717	-3.3%
IRVSEA-9-S-20260513	C31426	1.89	0.437	17.2	59.1	0.452	20119	0.275	0.675	0.0633	0.156		M2602366.d	2026-05-29 02:13	1.009	13.174	83765	316151	65.7	10.717	-2.2%
IRVSEA-10-S-20260513	C32703	3.34	0.769	30.4	59.1	0.452	20125	0.275	0.675	0.0633	0.155		M2602367.d	2026-05-29 02:39	1.009	13.174	145352	311246	65.7	10.717	-3.7%
IRVSEA-11-S-20260513	B53216	3.30	0.759	30.0	59.1	0.452	20129	0.275	0.675	0.0633	0.155		M2602368.d	2026-05-29 03:05	1.009	13.174	145535	315668	65.7	10.717	-2.4%
IRVSEA-12-S-20260513	C36920	2.26	0.521	20.5	59.1	0.452	20096	0.275	0.676	0.0634	0.156		M2602369.d	2026-05-29 03:32	1.009	13.174	100111	317167	65.7	10.717	-1.9%
IRVSEA-13-S-20260513	C70028	1.35	0.311	12.3	59.1	0.452	20105	0.275	0.675	0.0634	0.156		M2602370.d	2026-05-29 03:58	1.009	13.174	58768	311137	65.7	10.717	-3.8%
IRVSEA-14-S-20260513	C02026	0.616	0.142	5.60	59.1	0.452	20112	0.275	0.675	0.0633	0.156	J	M2602371.d	2026-05-29 04:24	1.009	13.174	26564	308417	65.7	10.717	-4.6%
IRVSEA-15-S-20260513	C68580	0.303	0.0697	2.75	59.2	0.452	20091	0.275	0.676	0.0634	0.156	J	M2602372.d	2026-05-29 04:50	1.009	13.174	13136	310849	65.7	10.717	-3.9%
IRVSEA-16-S-20260513	C61560	0.275	0.0634		59.2	0.452	20097	0.275	0.676	0.0634	0.156	ND	M2602373.d	2026-05-29 05:16	1.009	13.174	9766	309840	65.7	10.717	-4.2%
IRVSEA-17-S-20260513	C37461	0.290	0.0669	2.64	59.2	0.452	20103	0.275	0.675	0.0634	0.156	J	M2602374.d	2026-05-29 05:42	1.009	13.174	12666	312067	65.7	10.717	-3.5%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260513	C43342	0.275	0.0633		59.1	0.452	20121	0.275	0.628	0.0633	0.145	ND	M2602354.d	2026-05-28 21:00	1.030	13.675	6699	312511	65.7	10.717	-3.3%
IRVSEA-2-S-20260513	C69525	0.275	0.0634		59.1	0.452	20077	0.275	0.629	0.0634	0.145	ND	M2602355.d	2026-05-28 21:26	1.030	13.675	7148	319340	65.7	10.717	-1.2%
IRVSEA-2-D-20260513	B50962	0.275	0.0634		59.1	0.452	20077	0.275	0.629	0.0634	0.145	ND	M2602356.d	2026-05-28 21:52	1.030	13.675	8275	318907	65.7	10.717	-1.4%
IRVSEA-2-B-20260513	C71661	0.275	0.0634		59.1	0.452	20077	0.275	0.629	0.0634	0.145	ND	M2602353.d	2026-05-28 20:34	1.030	13.675	581	321981	65.7	10.717	-0.4%
IRVSEA-3-S-20260513	C35829	0.275	0.0634		59.1	0.452	20085	0.275	0.629	0.0634	0.145	ND	M2602357.d	2026-05-28 22:18	1.030	13.675	9151	314817	65.7	10.717	-2.6%
IRVSEA-4-S-20260513	C40196	0.275	0.0634		59.1	0.452	20090	0.275	0.629	0.0634	0.145	ND	M2602358.d	2026-05-28 22:44	1.030	13.668	259	318381	65.7	10.717	-1.5%
IRVSEA-5-S-20260513	C20556	0.292	0.0673	2.65	59.1	0.452	20095	0.275	0.628	0.0634	0.145	J	M2602359.d	2026-05-28 23:10	1.030	13.675	13270	318886	65.7	10.717	-1.4%
IRVSEA-6-S-20260513	C40676	0.338	0.0780	3.08	59.1	0.452	20101	0.275	0.628	0.0634	0.145	J	M2602360.d	2026-05-28 23:37	1.030	13.675	15074	312382	65.7	10.717	-3.4%
IRVSEA-7-S-20260513	C24181	0.891	0.205	8.10	59.1	0.452	20107	0.275	0.628	0.0634	0.145		M2602361.d	2026-05-29 00:03	1.030	13.675	40109	315544	65.7	10.717	-2.4%
IRVSEA-8-S-20260513	C17233	1.70	0.391	15.4	59.1	0.452	20112	0.275	0.628	0.0633	0.145		M2602362.d	2026-05-29 00:29	1.030	13.675	76508	315690	65.7	10.717	-2.4%
IRVSEA-8-D-20260513	C36983	1.66	0.383	15.1	59.1	0.452	20112	0.275	0.628	0.0633	0.145		M2602365.d	2026-05-29 01:47	1.030	13.675	74792	315176	65.7	10.717	-2.5%
IRVSEA-8-B-20260513	C33460	0.275	0.0633		59.1	0.452	20112	0.275	0.628	0.0633	0.145	ND	M2602363.d	2026-05-29 00:55	1.030	13.675	128	312508	65.7	10.717	-3.3%
IRVSEA-9-S-20260513	C31426	0.719	0.166	6.54	59.1	0.452	20119	0.275	0.628	0.0633	0.145		M2602366.d	2026-05-29 02:13	1.030	13.675	32443	316151	65.7	10.717	-2.2%
IRVSEA-10-S-20260513	C32703	1.27	0.293	11.6	59.1	0.452	20125	0.275	0.628	0.0633	0.145		M2602367.d	2026-05-29 02:39	1.030	13.675	56470	311246	65.7	10.717	-3.7%
IRVSEA-11-S-20260513	B53216	1.30	0.299	11.8	59.1	0.452	20129	0.275	0.627	0.0633	0.145		M2602368.d	2026-05-29 03:05	1.030	13.675	58458	315668	65.7	10.717	-2.4%
IRVSEA-12-S-20260513	C36920	0.859	0.198	7.81	59.1	0.452	20096	0.275	0.628	0.0634	0.145		M2602369.d	2026-05-29 03:32	1.030	13.675	38870	317167	65.7	10.717	-1.9%
IRVSEA-13-S-20260513	C70028	0.536	0.123	4.87	59.1	0.452	20105	0.275	0.628	0.0634	0.145	J	M2602370.d	2026-05-29 03:58	1.030	13.675	23778	311137	65.7	10.717	-3.8%
IRVSEA-14-S-20260513	C02026	0.275	0.0633		59.1	0.452	20112	0.275	0.628	0.0633	0.145	ND	M2602371.d	2026-05-29 04:24	1.030	13.675	11067	308417	65.7	10.717	-4.6%
IRVSEA-15-S-20260513	C68580	0.275	0.0634		59.2	0.452	20091	0.275	0.629	0.0634	0.145	ND	M2602372.d	2026-05-29 04:50	1.030	13.675	5551	310849	65.7	10.717	-3.9%
IRVSEA-16-S-20260513	C61560	0.275	0.0634		59.2	0.452	20097	0.275	0.628	0.0634	0.145	ND	M2602373.d	2026-05-29 05:16	1.030	13.675	3935	309840	65.7	10.717	-4.2%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260513	C37461	0.275	0.0634		59.2	0.452	20103	0.275	0.628	0.0634	0.145	ND	M2602374.d	2026-05-29 05:42	1.030	13.675	4865	312067	65.7	10.717	-3.5%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC Data

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260513	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260513	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260513	9.9%	Pass	11%	Pass	ND	Pass	16%	Pass	ND	Pass
	IRVSEA-8-D-20260513	0.89%	Pass	3.3%	Pass	11%	Pass	1.3%	Pass	2.1%	Pass

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	M2602351.d	C32856	Cal	1.012	1.030	1.012	-1.8%	-22%		Pass	
2026GG205 Method Blank-1	M2602352.d	C40170	Blank		1.030	1.012			0.57%	Pass	ND
M325B CCV 5 REC	M2602364.d	B40264	Check	1.053	1.030	1.012	2.2%		-3.3%	Pass	
M325B CCV 5	M2602375.d	C01374	Check	1.015	1.030	1.012	-1.4%		-2.9%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	M2602351.d	C32856	Cal	1.243	1.234	1.243	0.77%	-19%		Pass	
2026GG205 Method Blank-1	M2602352.d	C40170	Blank		1.234	1.243			0.045%	Pass	ND
M325B CCV 5 REC	M2602364.d	B40264	Check	1.382	1.234	1.243	12%		-4.7%	Pass	
M325B CCV 5	M2602375.d	C01374	Check	1.233	1.234	1.243	-0.046%		-3.2%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	M2602351.d	C32856	Cal	1.323	1.420	1.323	-6.8%	-19%		Pass	
2026GG205 Method Blank-1	M2602352.d	C40170	Blank		1.420	1.323			0.045%	Pass	ND
M325B CCV 5 REC	M2602364.d	B40264	Check	1.318	1.420	1.323	-7.1%		-4.7%	Pass	
M325B CCV 5	M2602375.d	C01374	Check	1.306	1.420	1.323	-8.0%		-3.2%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	M2602351.d	C32856	Cal	1.009	1.183	1.009	-15%	-19%		Pass	
2026GG205 Method Blank-1	M2602352.d	C40170	Blank		1.183	1.009			0.045%	Pass	ND
M325B CCV 5 REC	M2602364.d	B40264	Check	1.002	1.183	1.009	-15%		-4.7%	Pass	
M325B CCV 5	M2602375.d	C01374	Check	1.008	1.183	1.009	-15%		-3.2%	Pass	

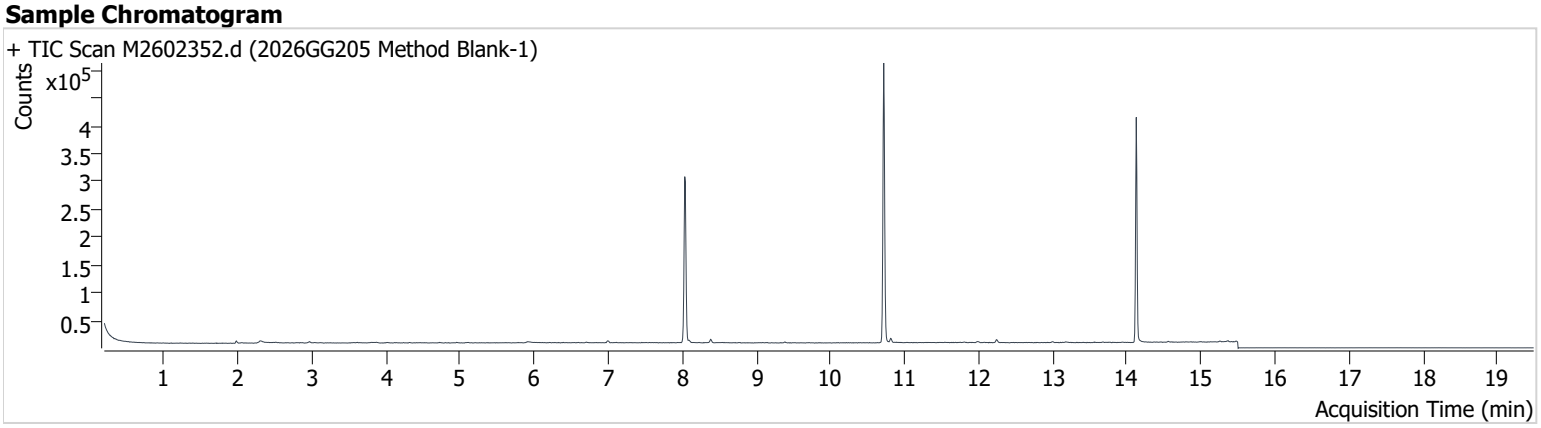
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	M2602351.d	C32856	Cal	1.030	1.183	1.030	-13%	-19%		Pass	
2026GG205 Method Blank-1	M2602352.d	C40170	Blank		1.183	1.030			0.045%	Pass	ND
M325B CCV 5 REC	M2602364.d	B40264	Check	1.048	1.183	1.030	-11%		-4.7%	Pass	
M325B CCV 5	M2602375.d	C01374	Check	1.049	1.183	1.030	-11%		-3.2%	Pass	

Chromatograms

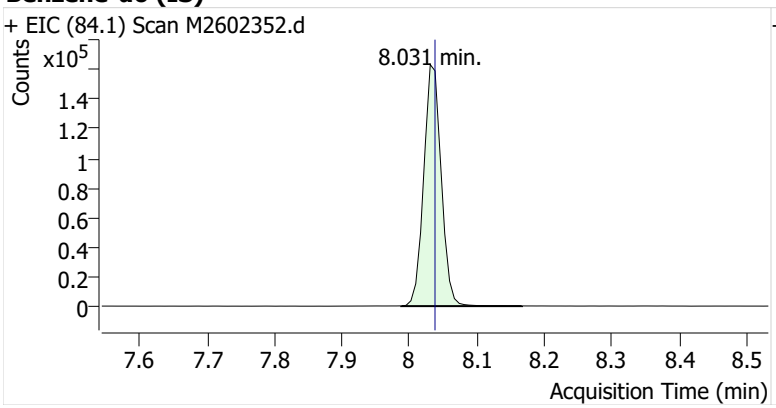
Name	2026GG205 Method Blank-1
Comment	C40170
Data File	M2602352.d
Acq. Date-Time	5/28/2026 8:08:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

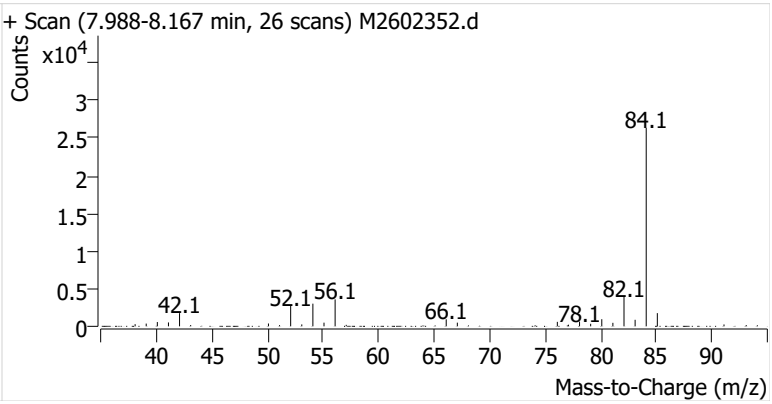
Sample Chromatogram



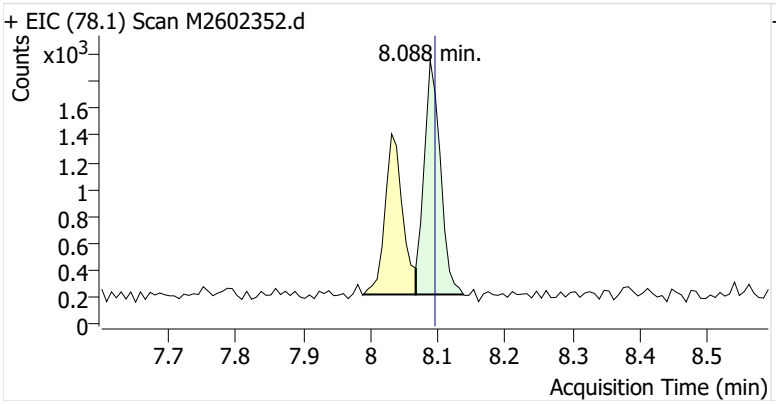
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	294,283	
Benzene	Benzene-d6 (IS)	8.088	8.095	2,939	
Toluene-d8 (IS)		10.717	10.724	323,463	
Toluene	Toluene-d8 (IS)	10.810	10.817	4,866	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	978	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	952	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	674	

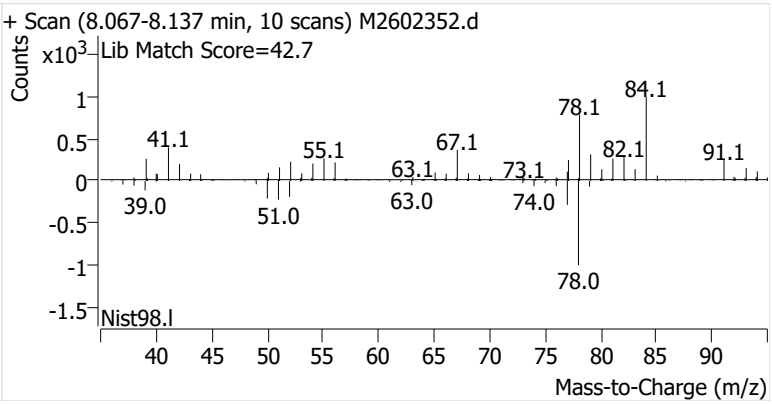
Benzene-d6 (IS)



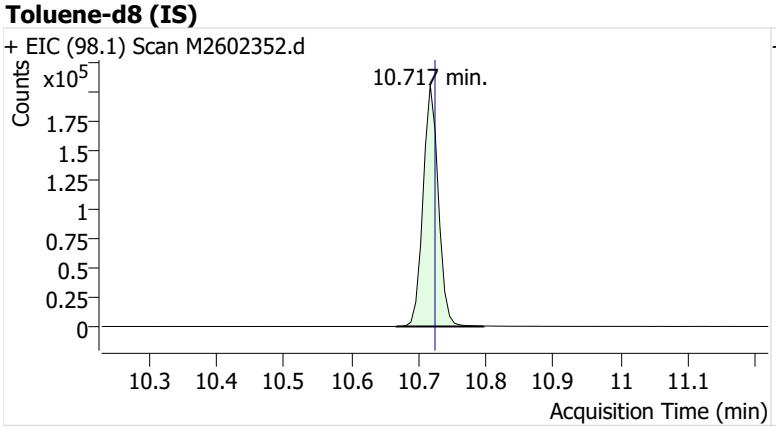


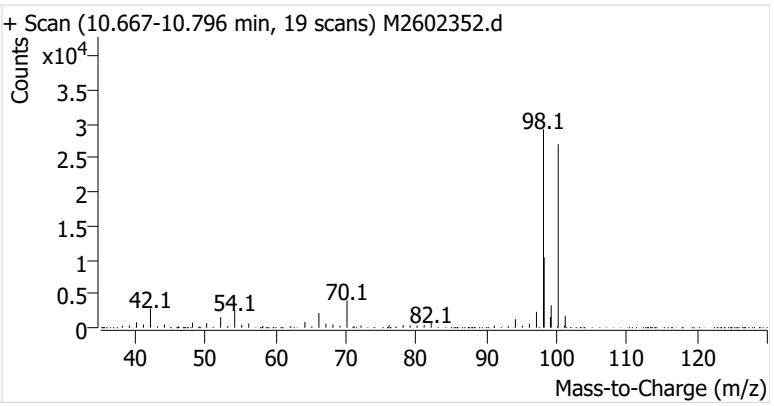
Benzene



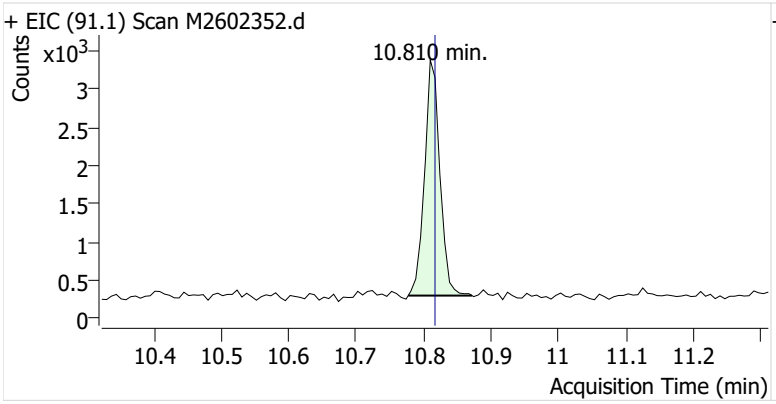


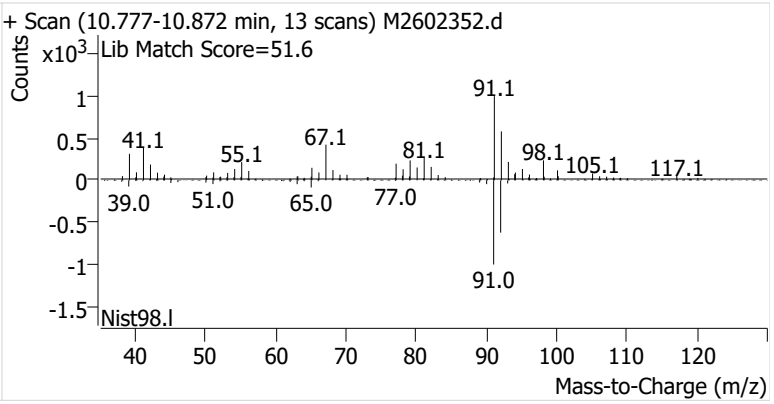
Toluene-d8 (IS)



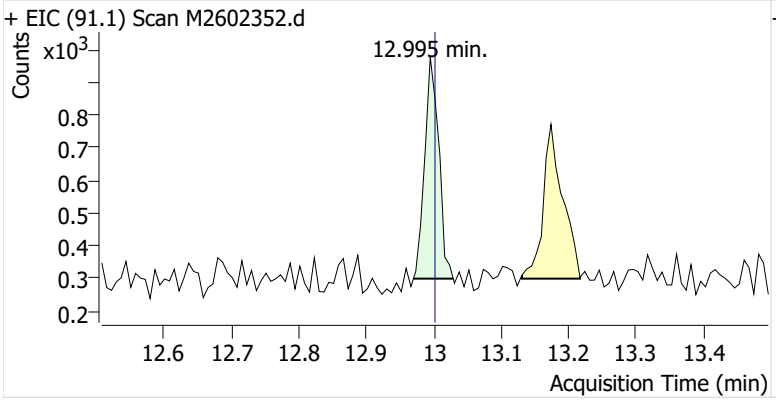


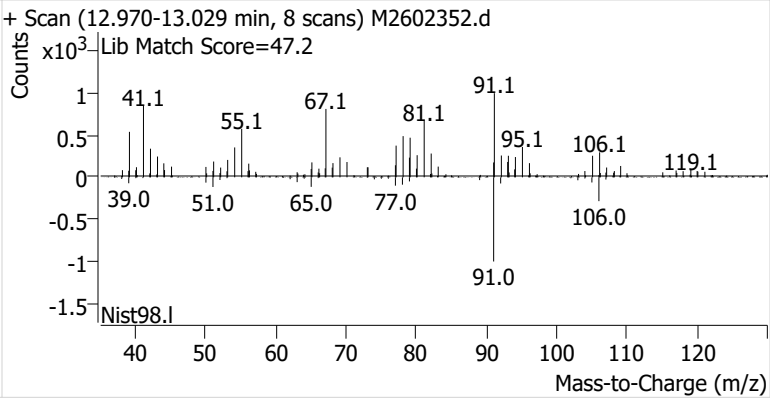
Toluene



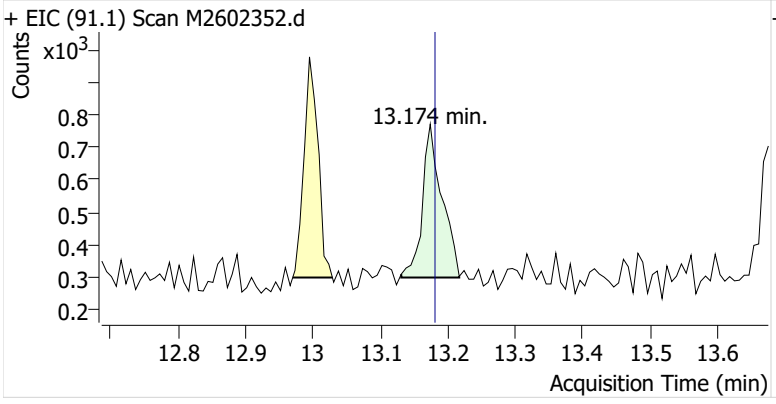


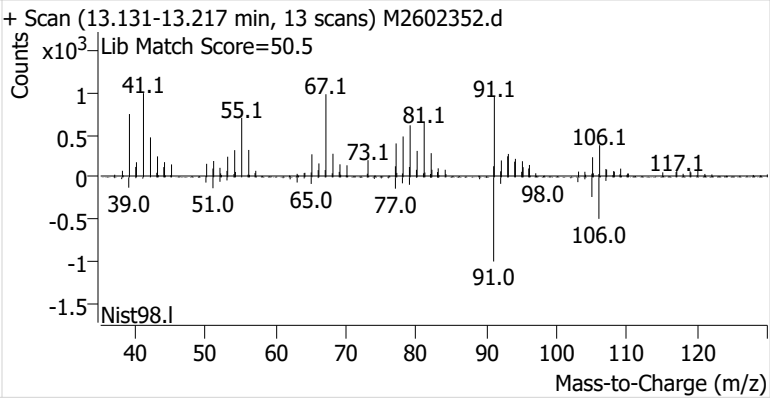
Ethylbenzene



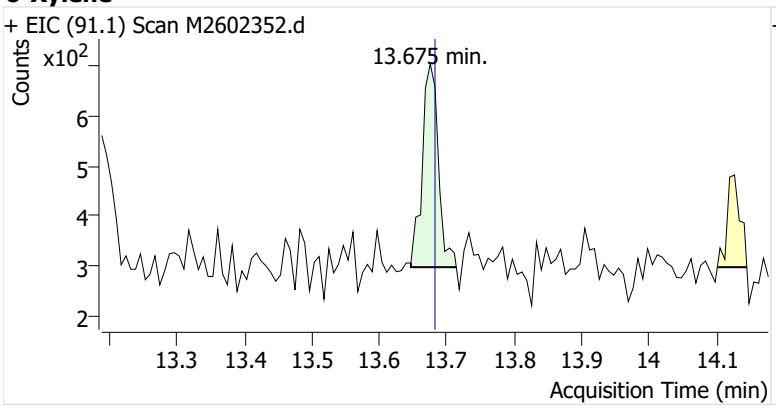


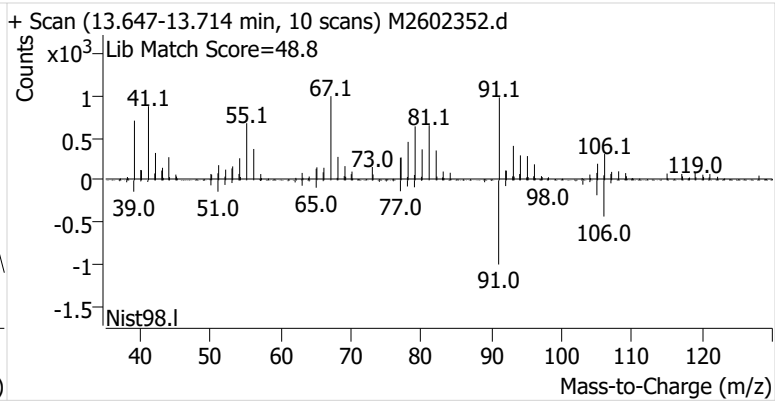
m-/p-Xylenes





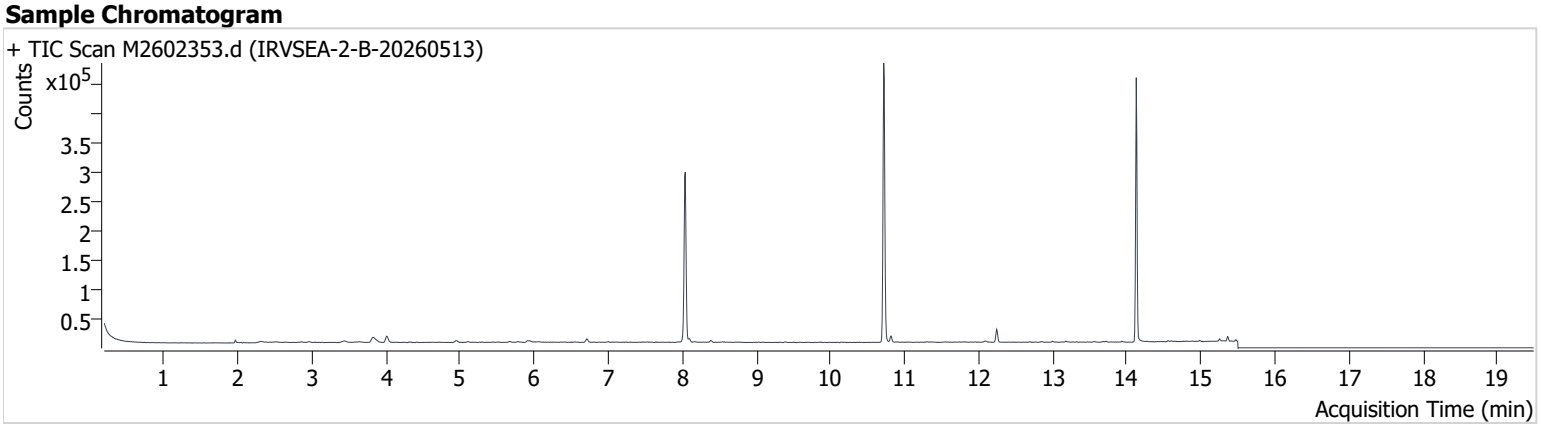
o-Xylene


+ EIC (91.1) Scan M2602352.d
Counts
x10^2
13.675 min.
6
5
4
3
2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.714 min, 10 scans) M2602352.d
Lib Match Score=48.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
81.1
91.1
73.0
106.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

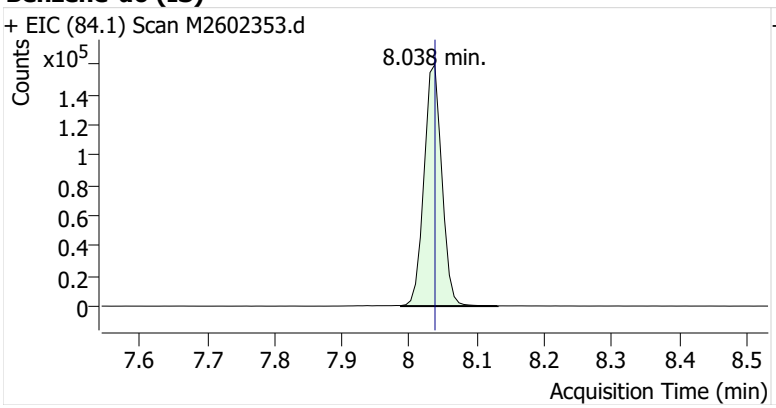
Name	IRVSEA-2-B-20260513
Comment	C71661
Data File	M2602353.d
Acq. Date-Time	5/28/2026 8:34:27 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

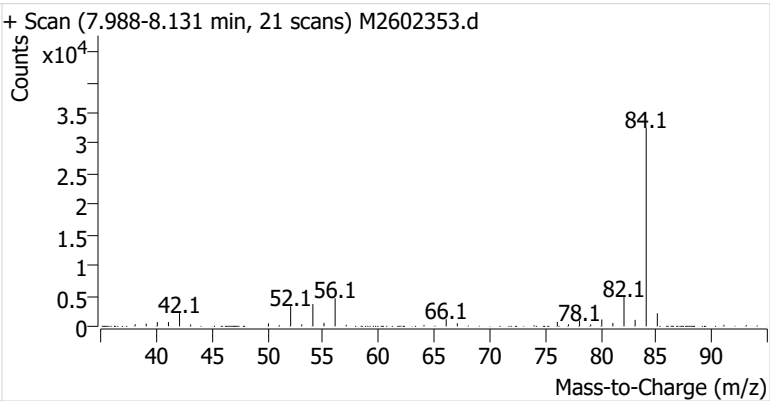
Sample Chromatogram



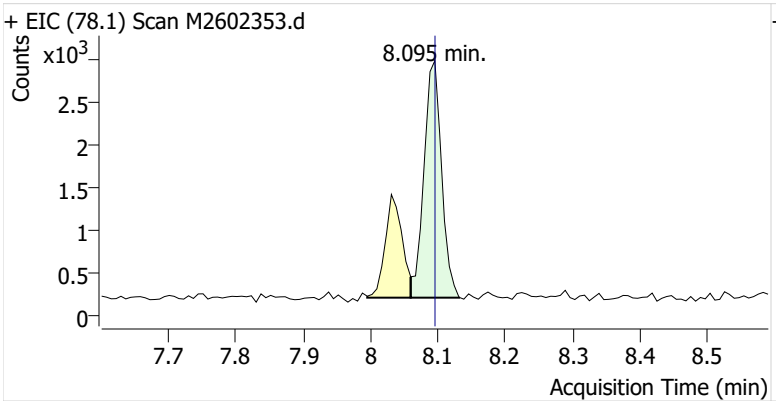
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	293,070	
Benzene	Benzene-d6 (IS)	8.095	8.095	5,035	
Toluene-d8 (IS)		10.717	10.724	321,981	
Toluene	Toluene-d8 (IS)	10.817	10.817	7,642	
Ethylbenzene	Toluene-d8 (IS)	13.002	13.002	1,125	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	963	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	581	

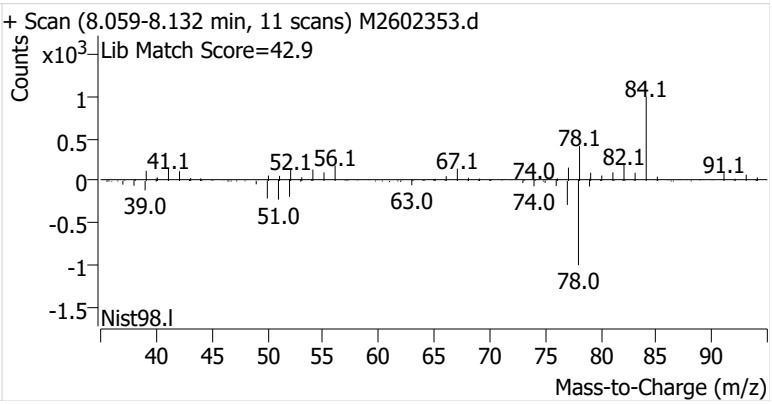
Benzene-d6 (IS)



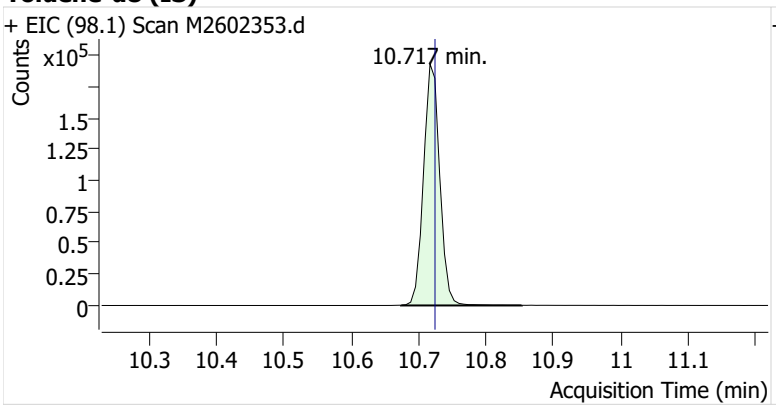


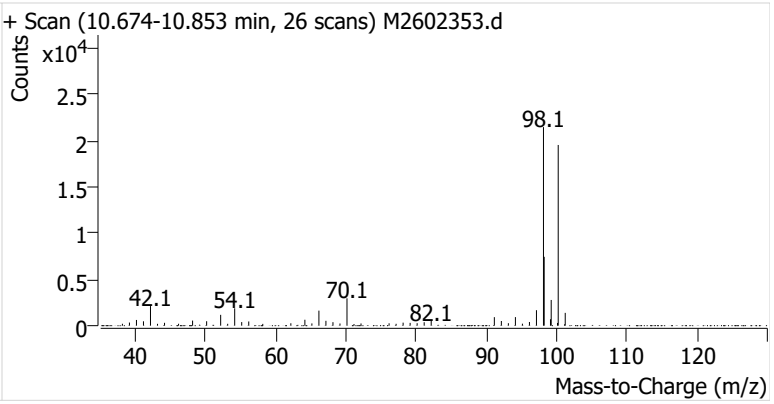
Benzene



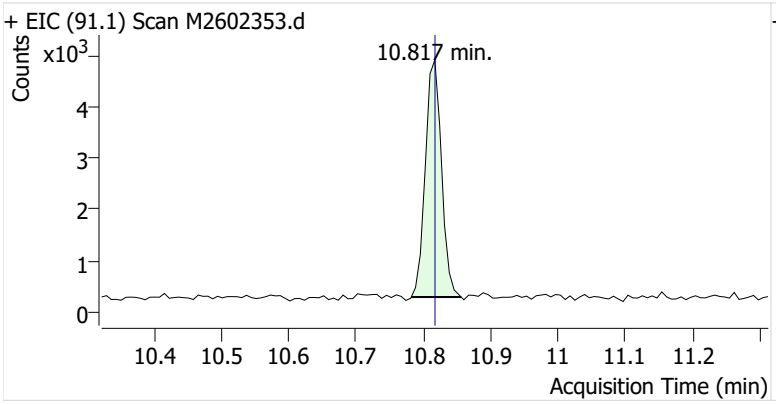


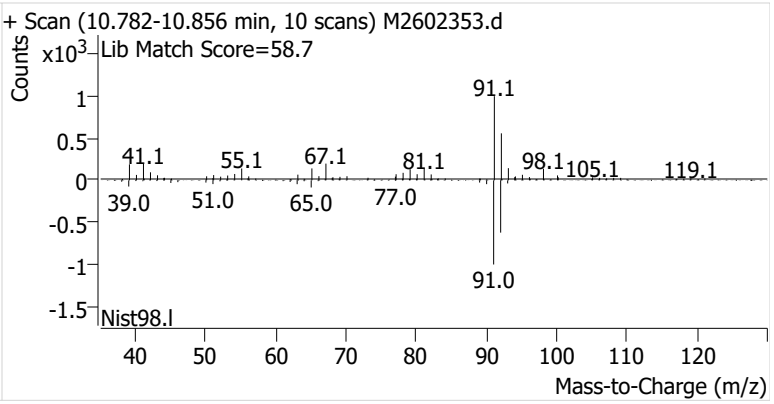
Toluene-d8 (IS)



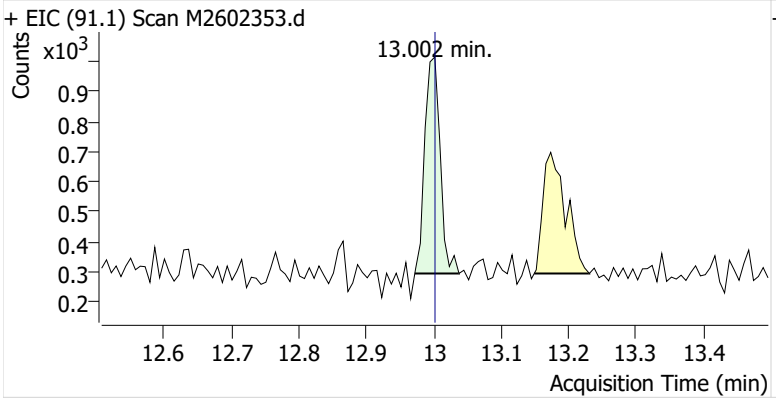


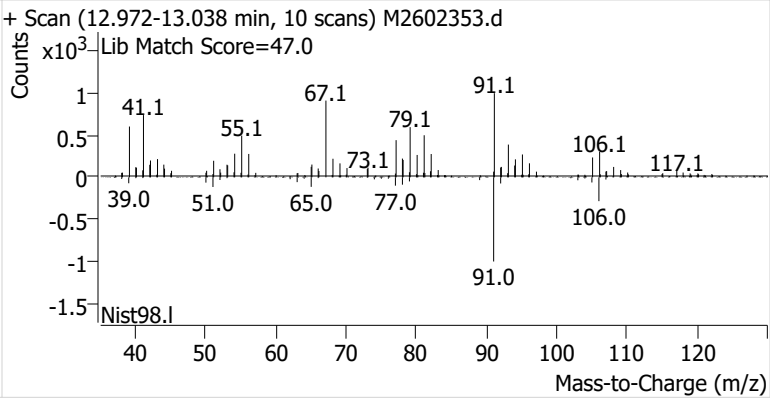
Toluene



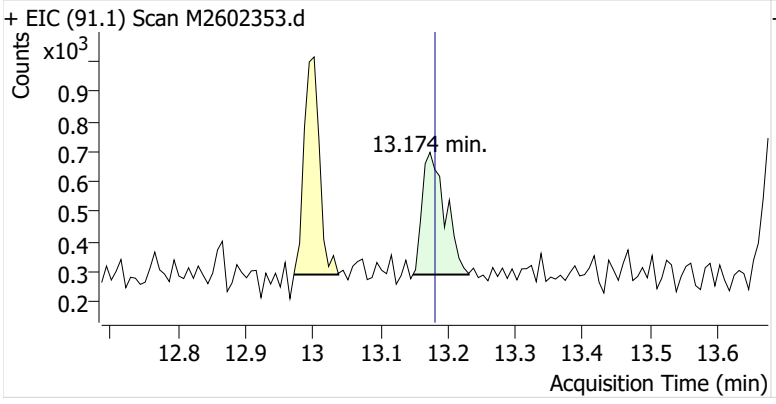


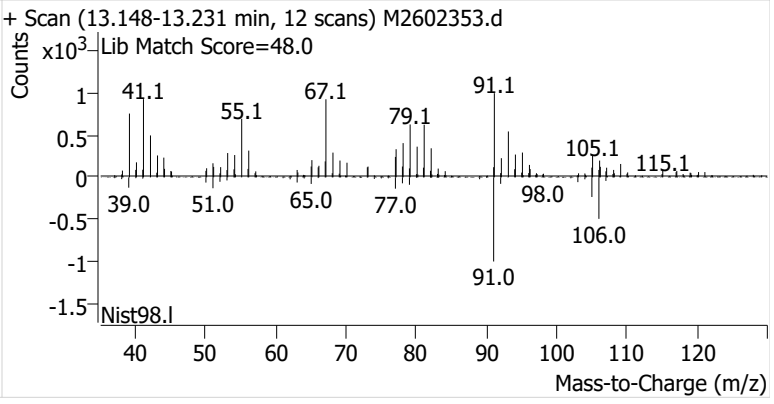
Ethylbenzene



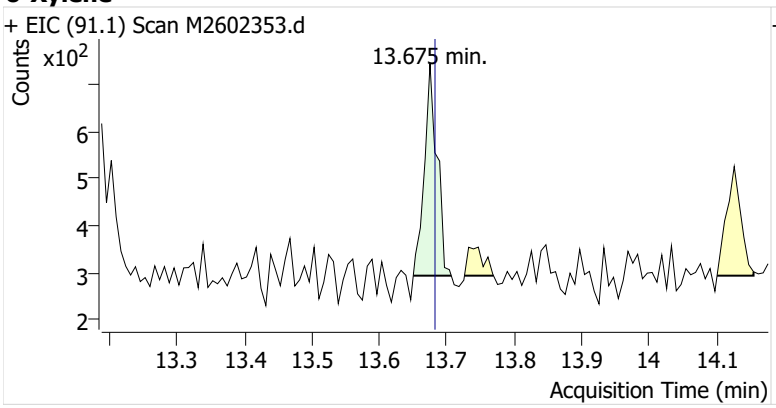


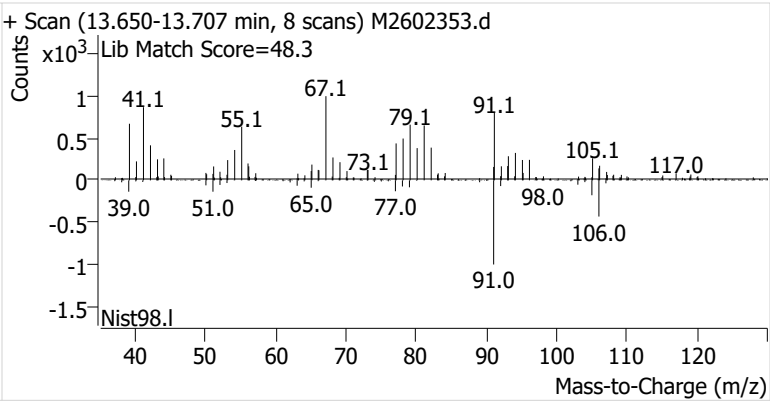
m-/p-Xylenes





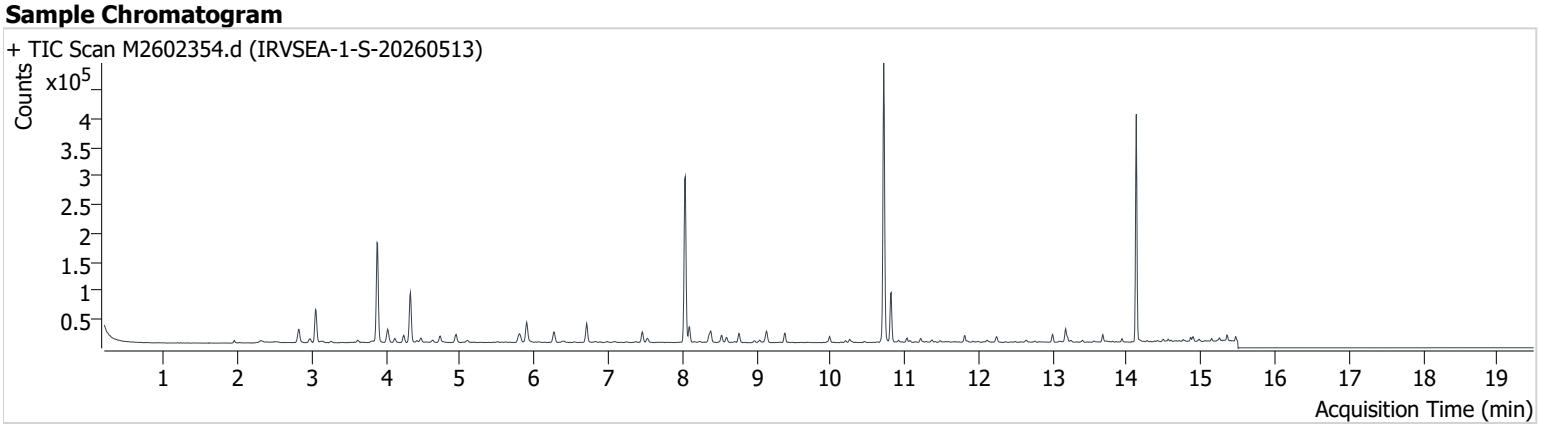
o-Xylene


+ EIC (91.1) Scan M2602353.d
Counts
x10^2
13.675 min.
6
5
4
3
2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.650-13.707 min, 8 scans) M2602353.d
Lib Match Score=48.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
73.1
79.1
91.1
105.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

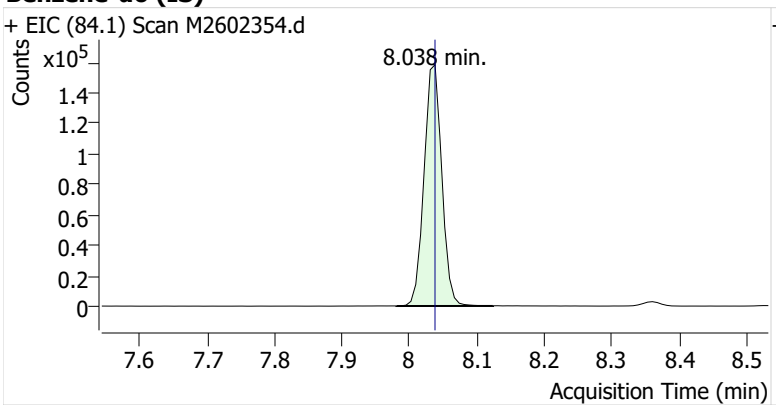
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Comment	C43342
Data File	M2602354.d
Acq. Date-Time	5/28/2026 9:00:37 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

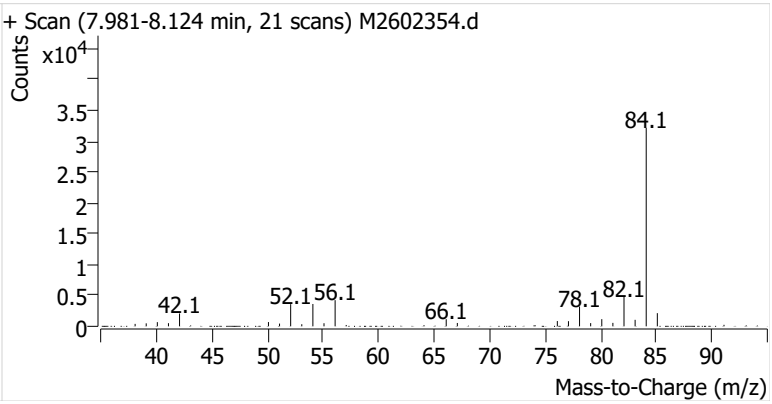
Sample Chromatogram



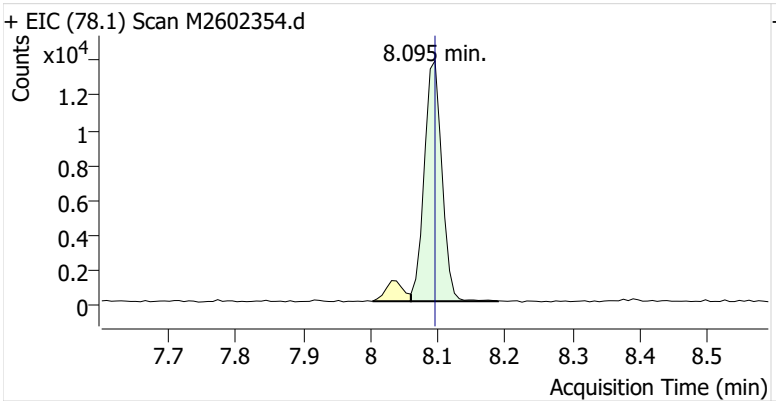
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	289,169	
Benzene	Benzene-d6 (IS)	8.095	8.095	25,106	
Toluene-d8 (IS)		10.717	10.724	312,511	
Toluene	Toluene-d8 (IS)	10.810	10.817	59,770	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	9,330	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	16,966	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	6,699	

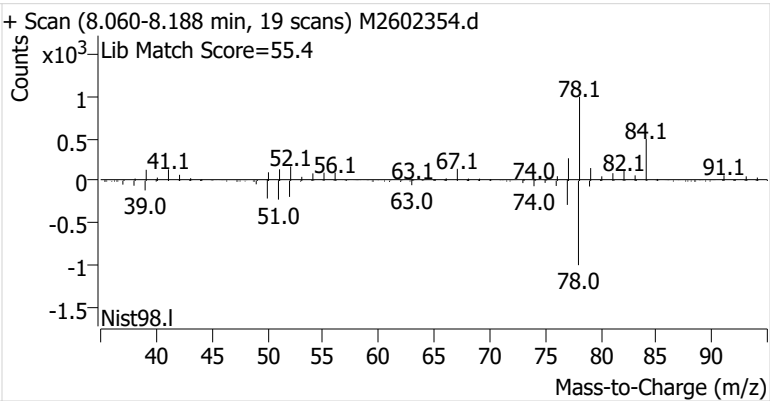
Benzene-d6 (IS)



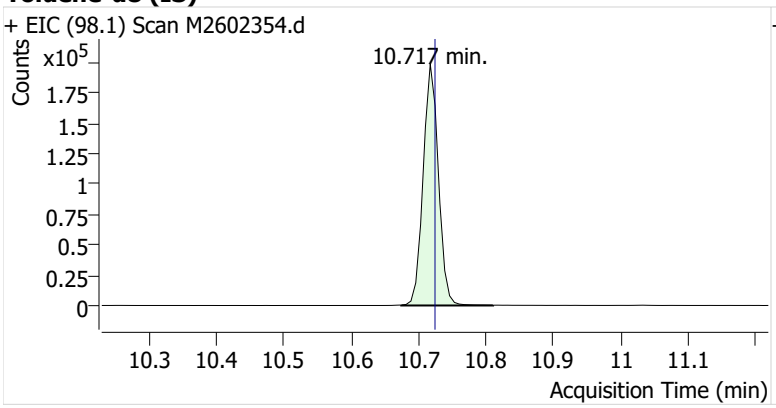


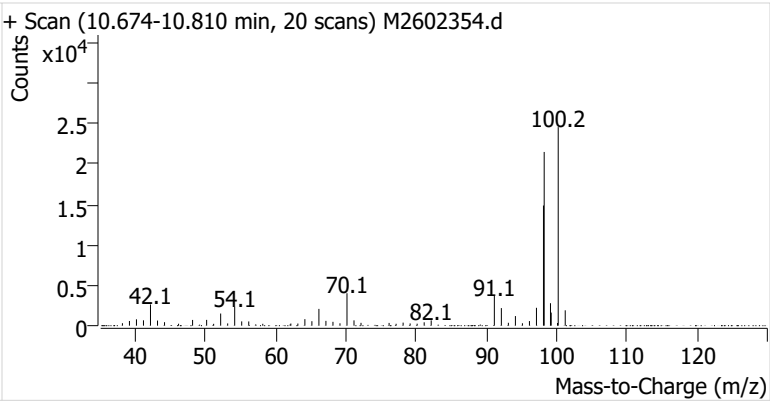
Benzene



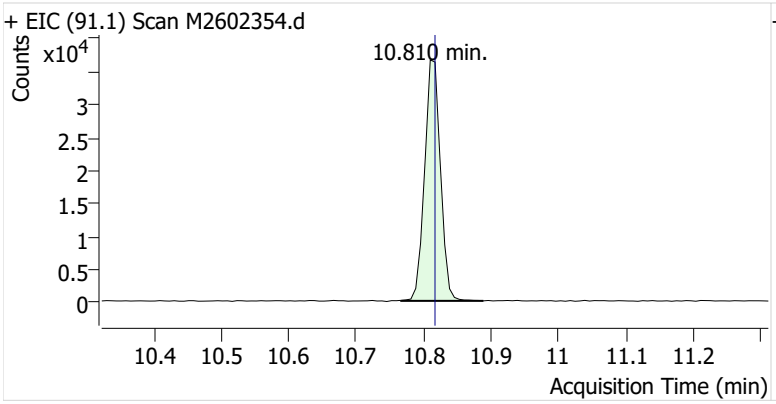


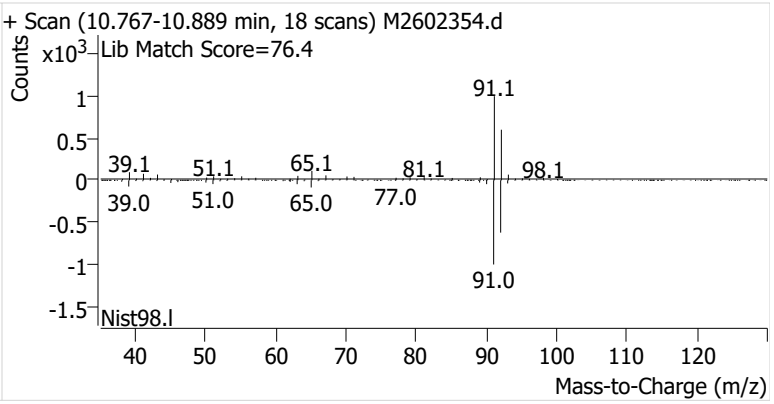
Toluene-d8 (IS)



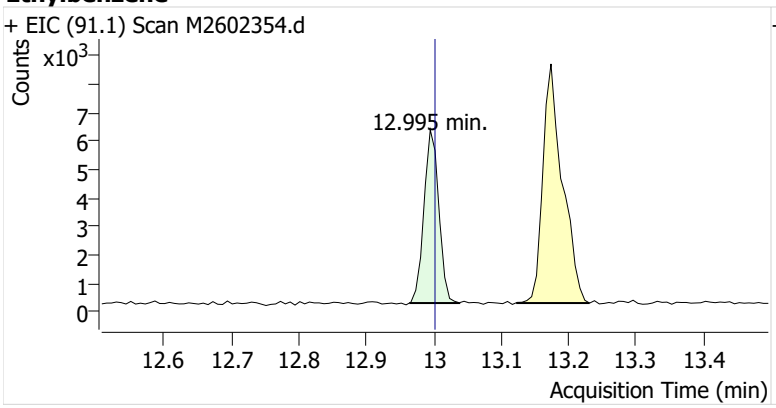


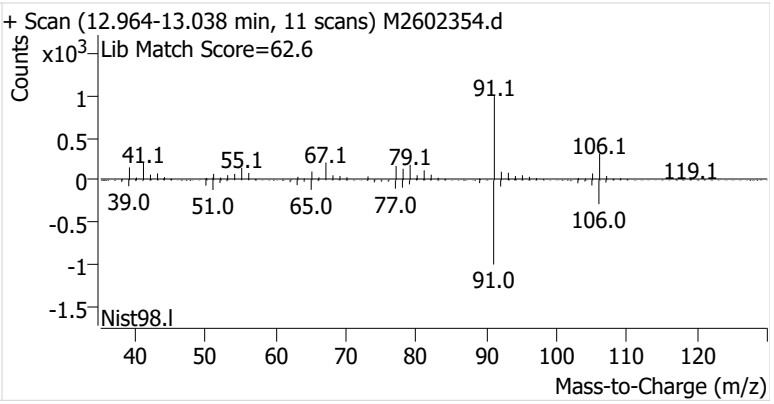
Toluene



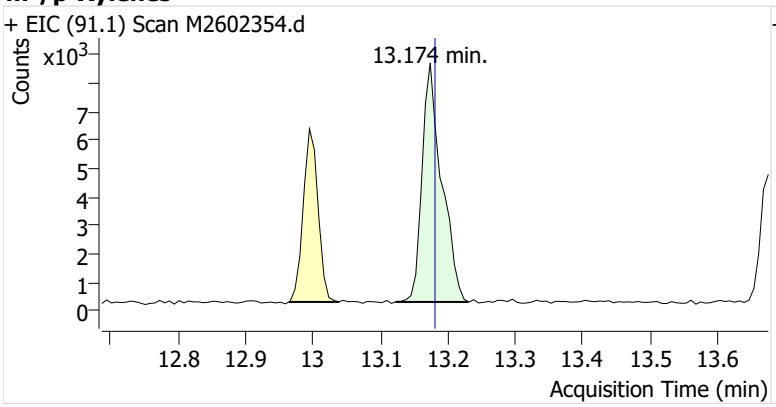


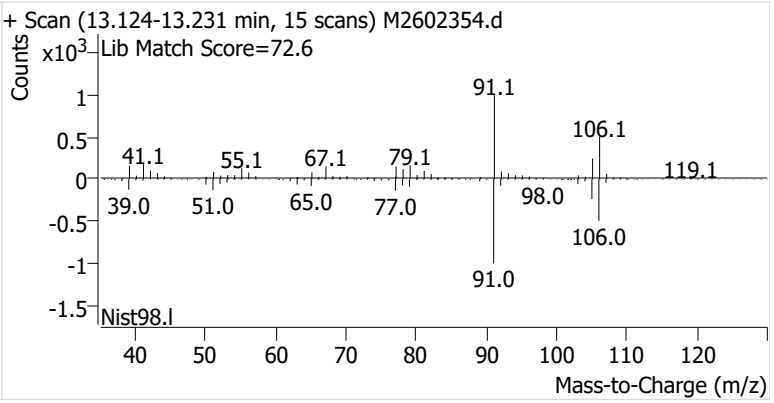
Ethylbenzene



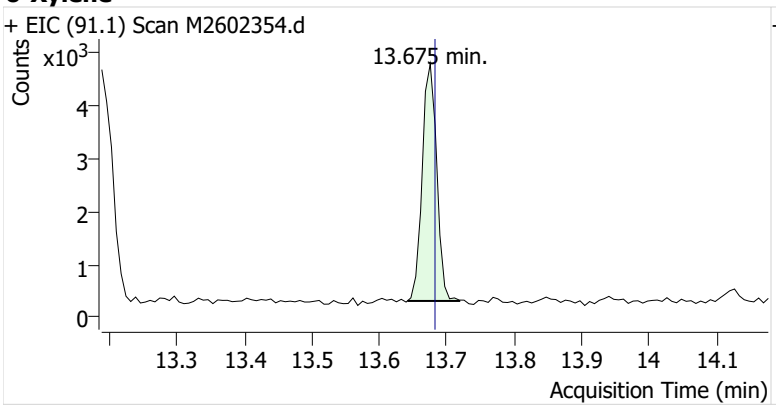


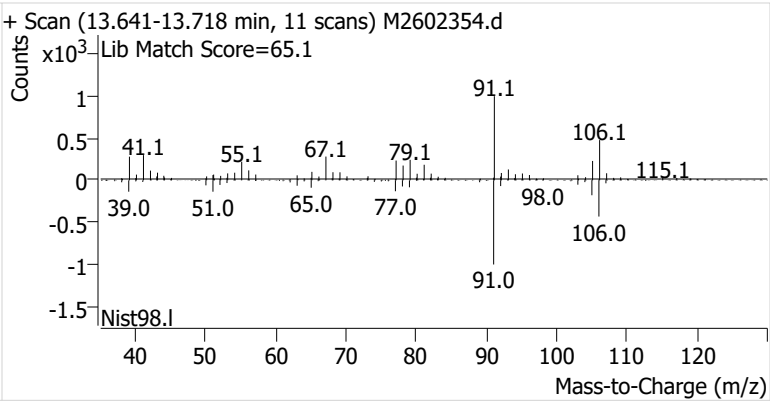
m-/p-Xylenes





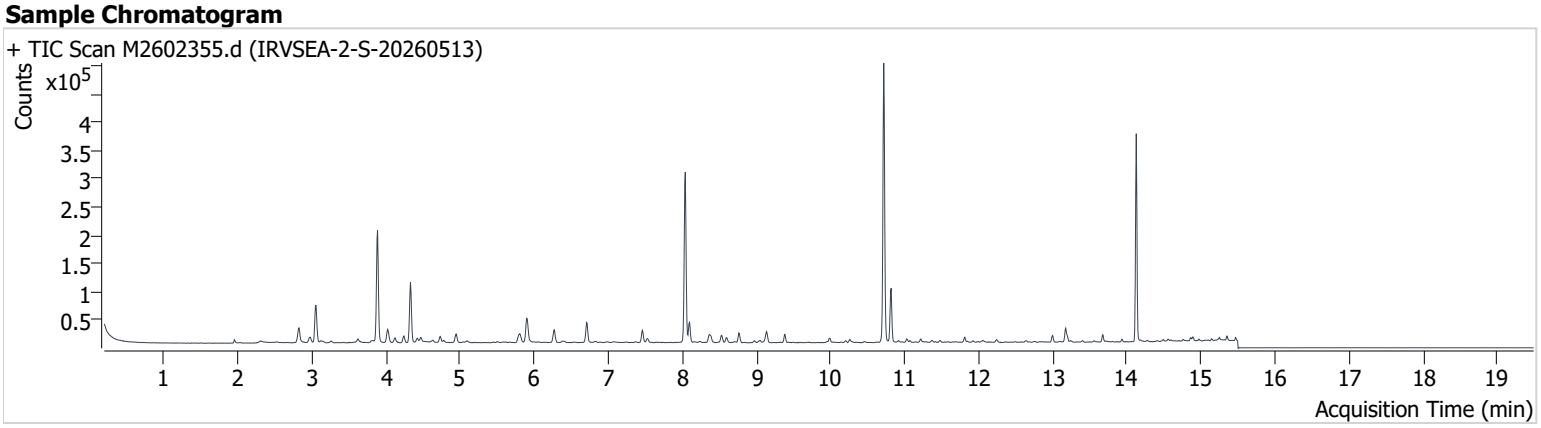
o-Xylene


+ EIC (91.1) Scan M2602354.d
Counts
x10^3
13.675 min.
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.641-13.718 min, 11 scans) M2602354.d
Counts
x10^3
Lib Match Score=65.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

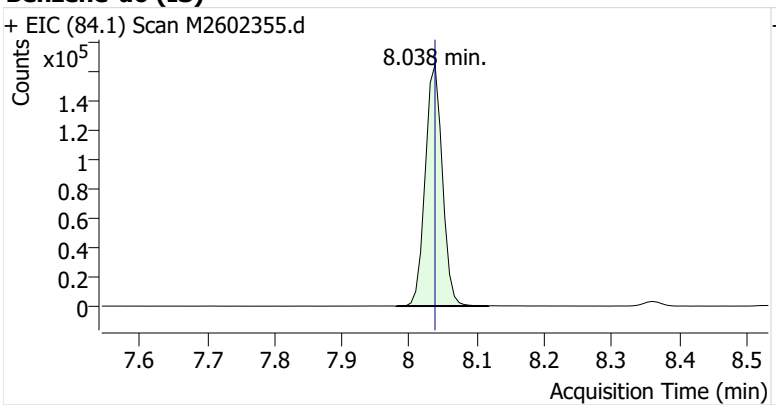
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Comment	C69525
Data File	M2602355.d
Acq. Date-Time	5/28/2026 9:26:46 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

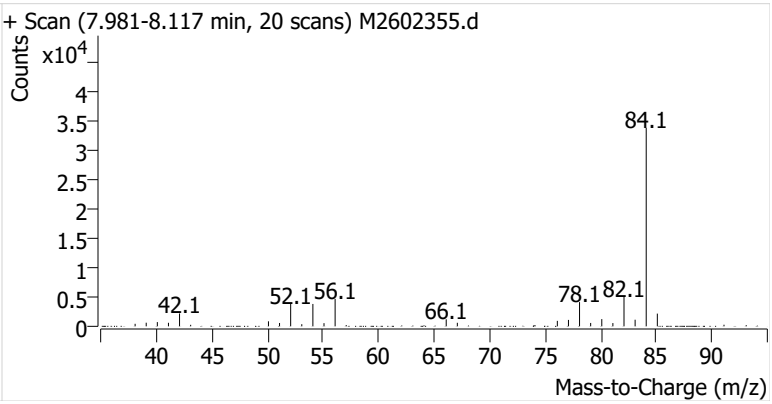
Sample Chromatogram



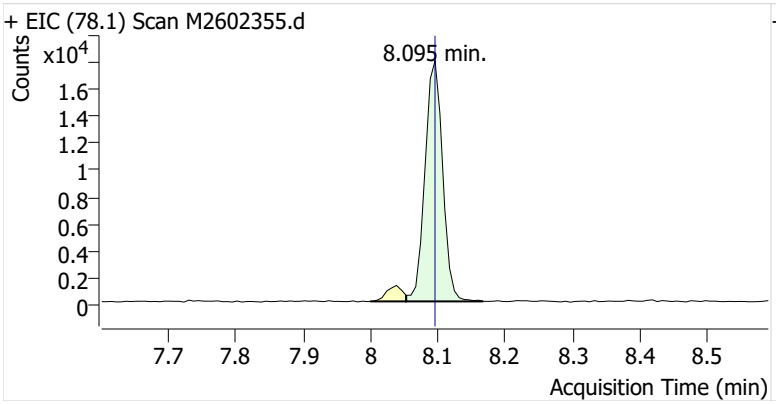
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	289,442	
Benzene	Benzene-d6 (IS)	8.095	8.095	32,683	
Toluene-d8 (IS)		10.717	10.724	319,340	
Toluene	Toluene-d8 (IS)	10.817	10.817	65,359	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	8,321	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	18,813	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	7,148	

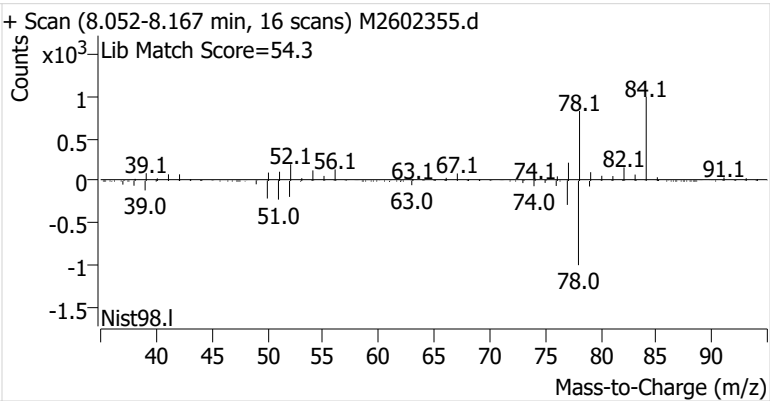
Benzene-d6 (IS)



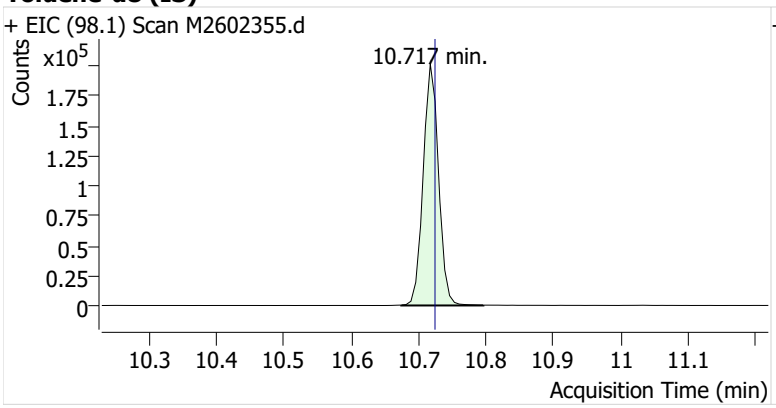


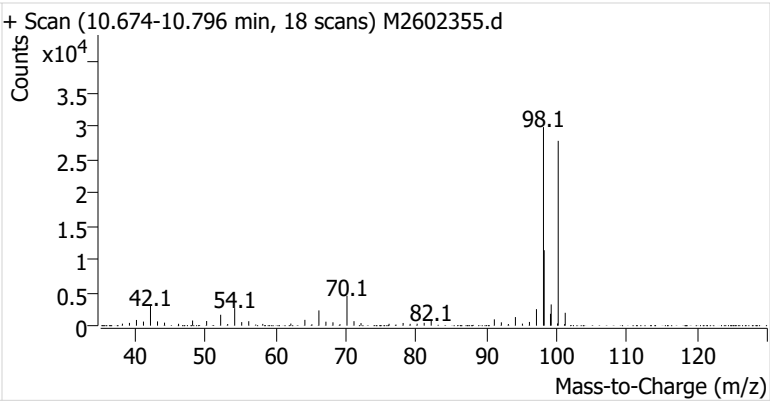
Benzene



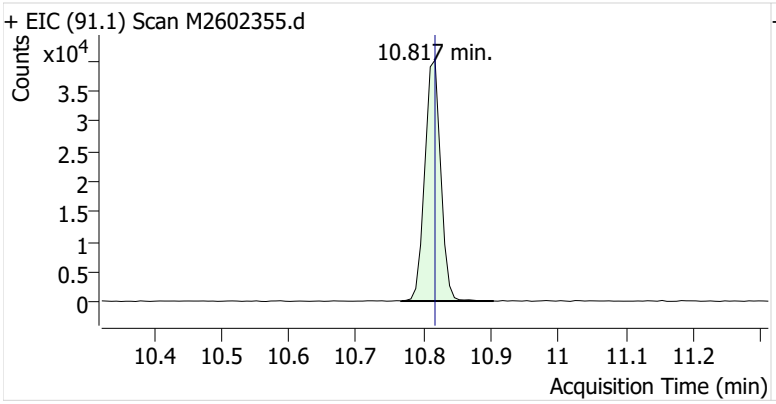


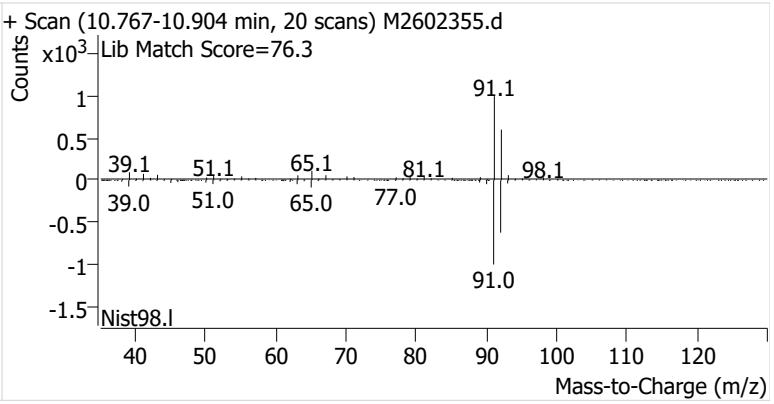
Toluene-d8 (IS)



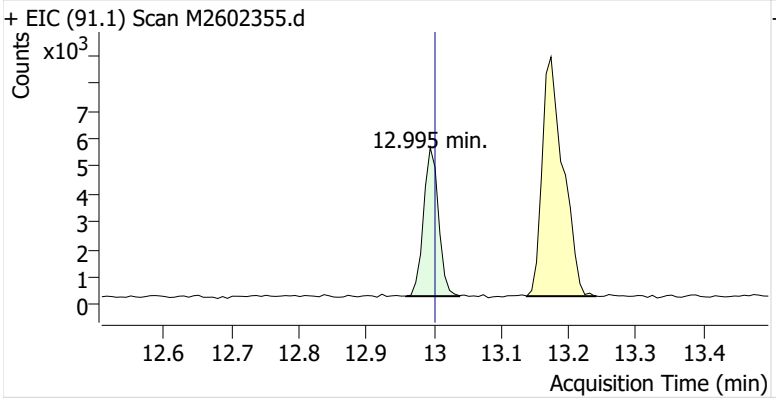


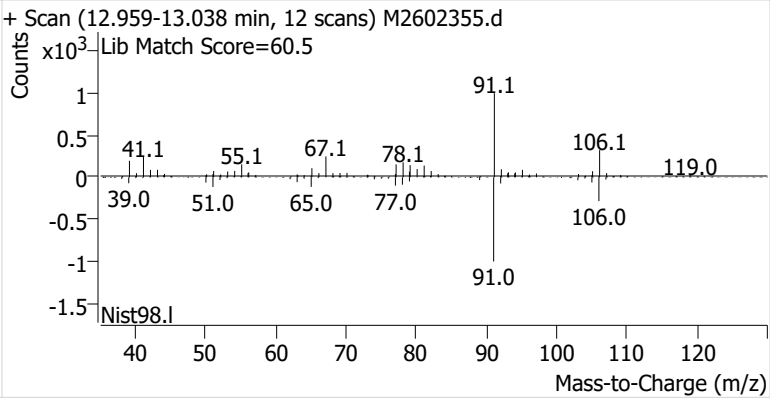
Toluene



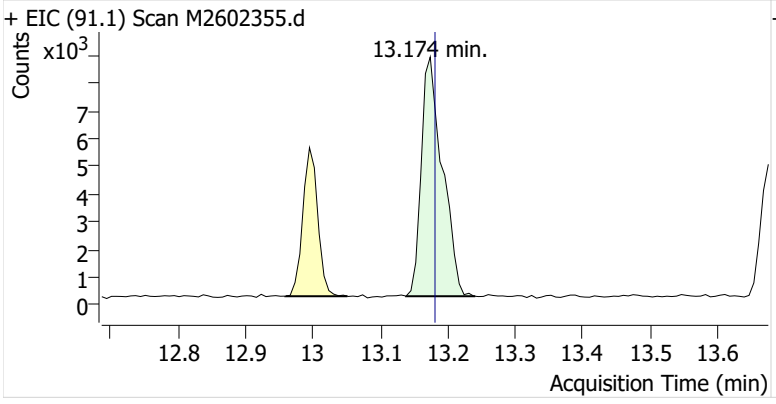


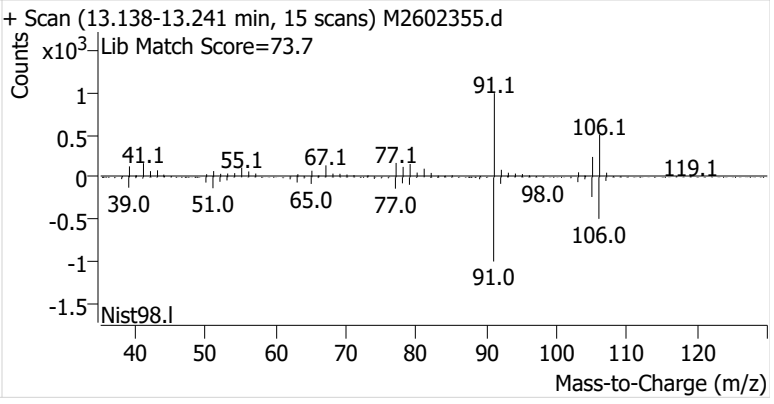
Ethylbenzene



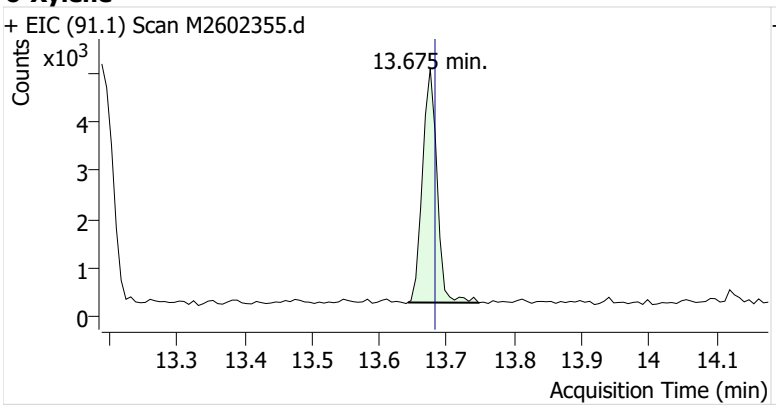


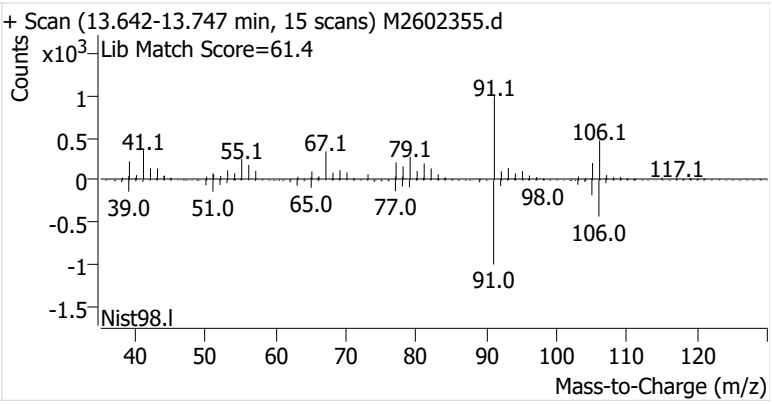
m-/p-Xylenes





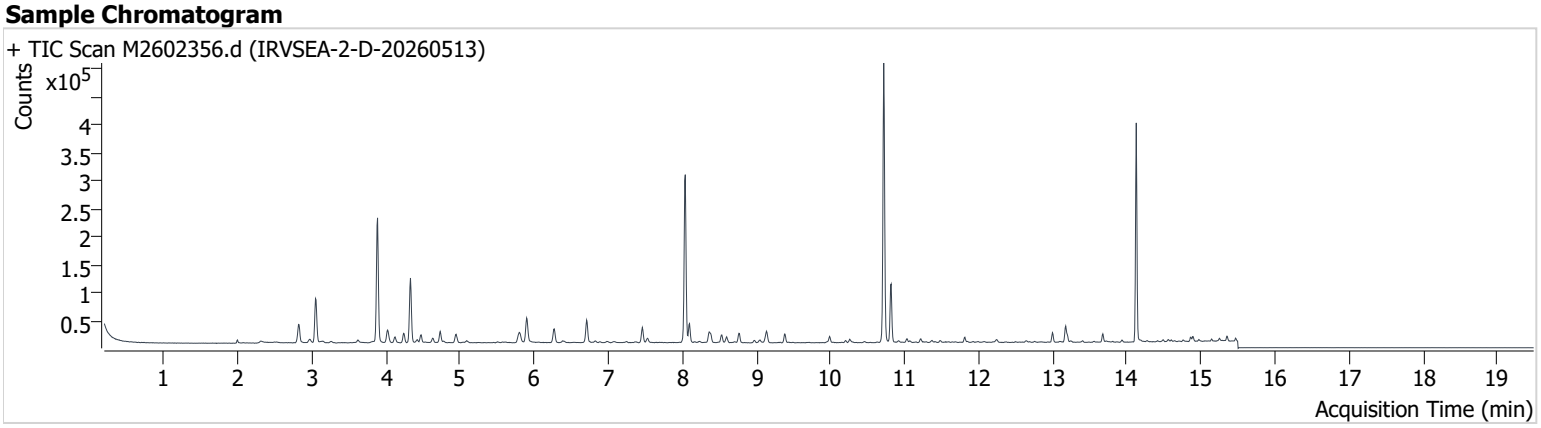
o-Xylene


+ EIC (91.1) Scan M2602355.d
Counts
x10^3
13.675 min.
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.747 min, 15 scans) M2602355.d
Counts
x10^3
Lib Match Score=61.4
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
79.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

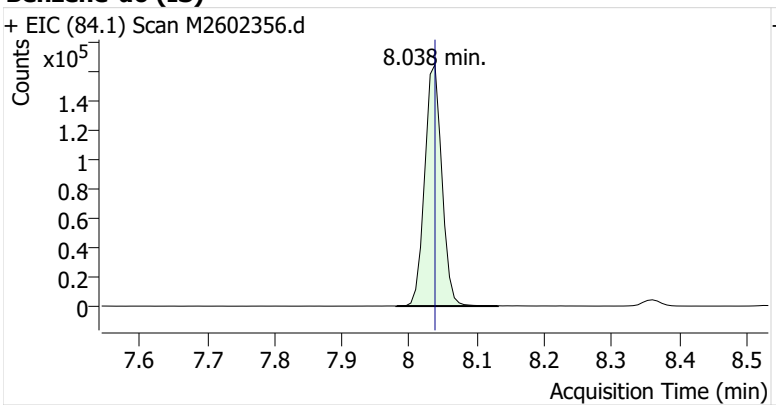
Name	IRVSEA-2-D-20260513
Comment	B50962
Data File	M2602356.d
Acq. Date-Time	5/28/2026 9:52:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

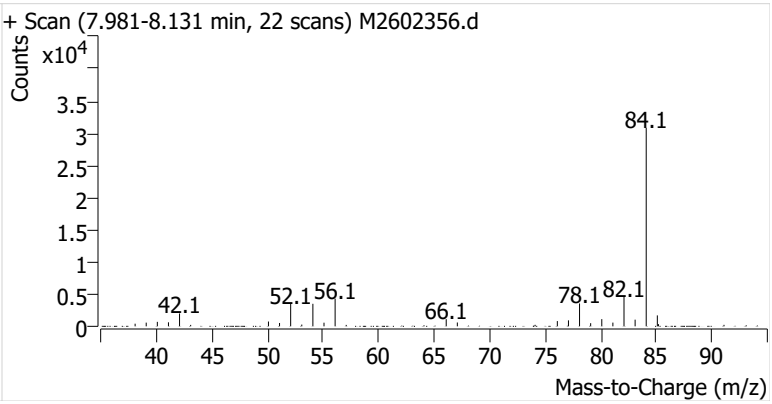
Sample Chromatogram



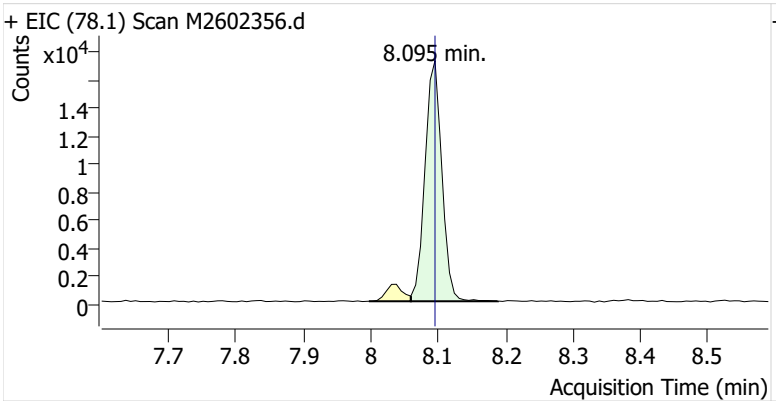
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	291,174	
Benzene	Benzene-d6 (IS)	8.095	8.095	29,780	
Toluene-d8 (IS)		10.717	10.724	318,907	
Toluene	Toluene-d8 (IS)	10.817	10.817	72,633	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	11,958	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	22,014	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	8,275	

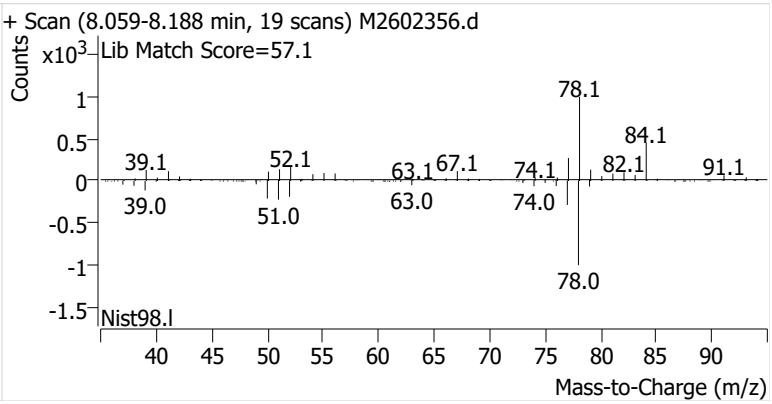
Benzene-d6 (IS)



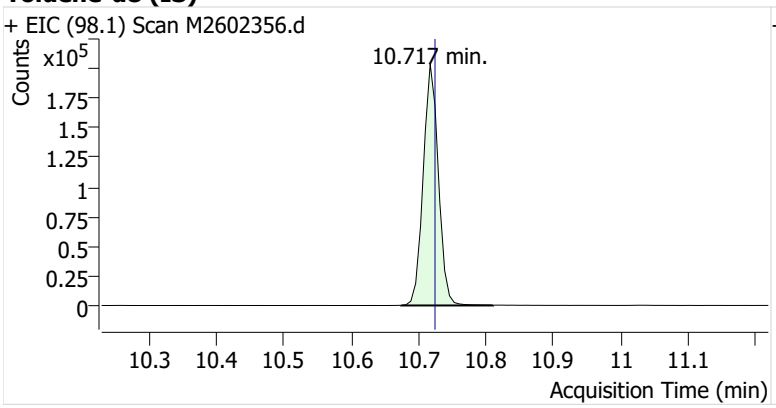


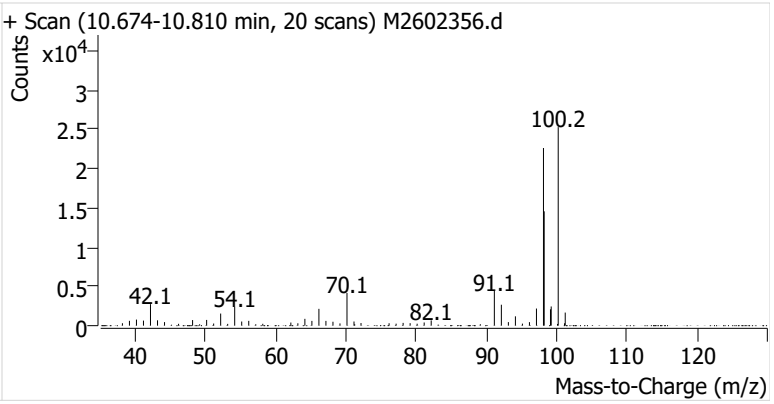
Benzene



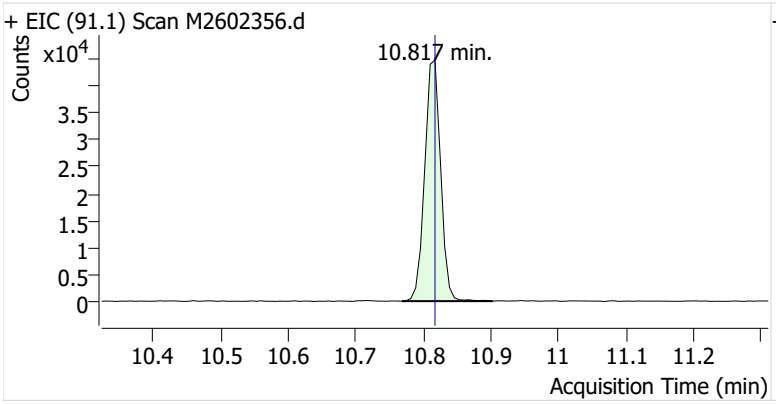


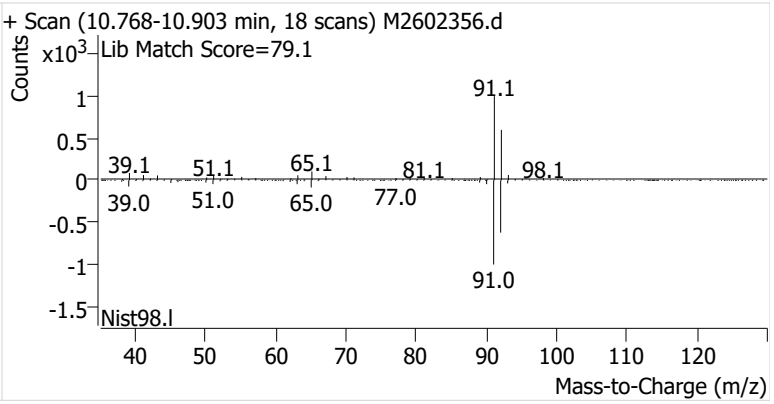
Toluene-d8 (IS)



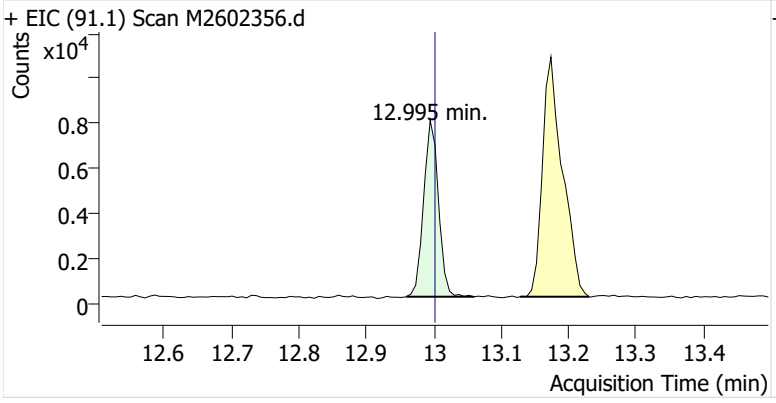


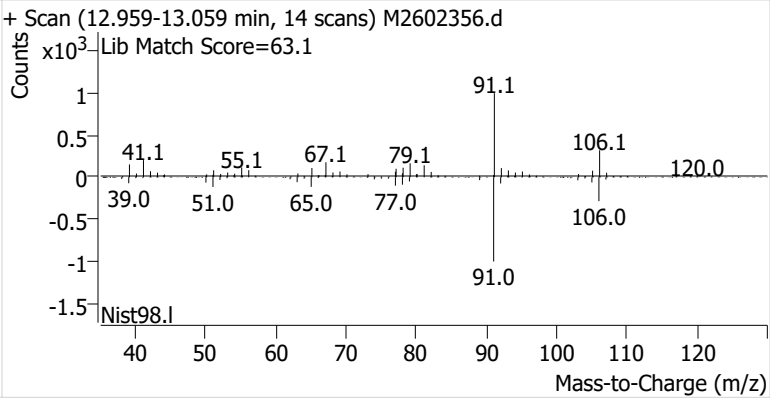
Toluene



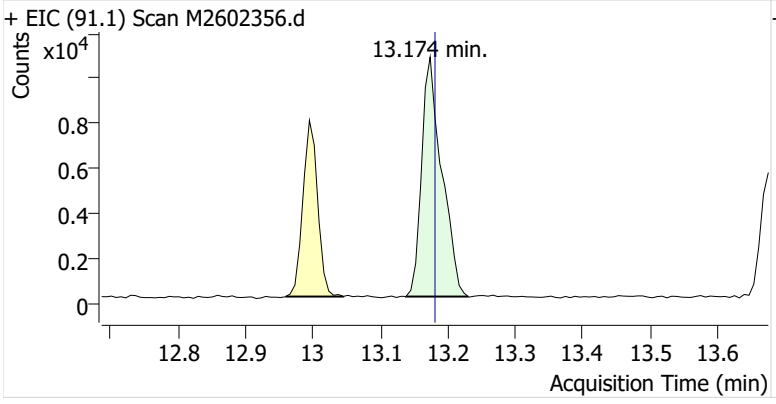


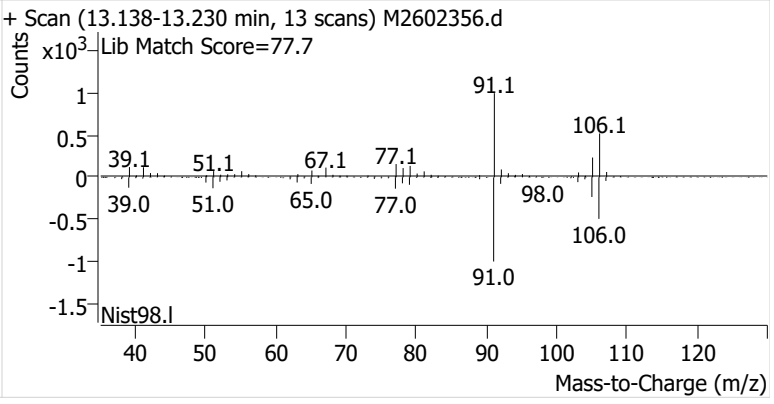
Ethylbenzene



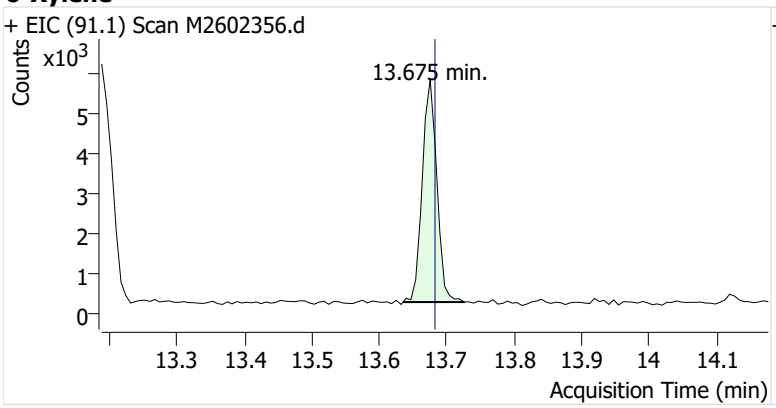


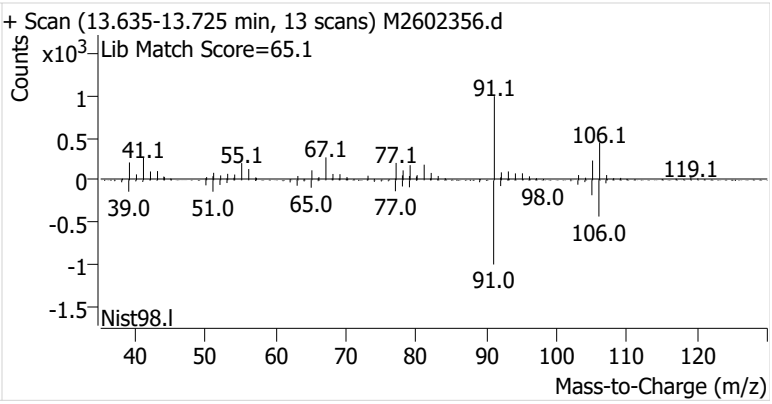
m-/p-Xylenes





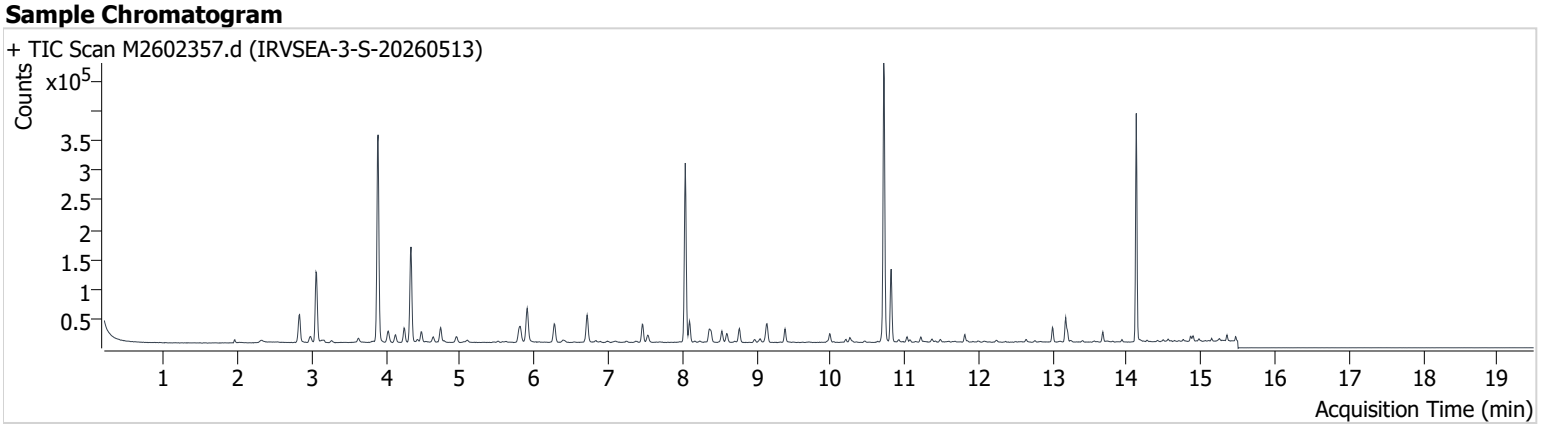
o-Xylene


+ EIC (91.1) Scan M2602356.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.635-13.725 min, 13 scans) M2602356.d
Lib Match Score=65.1
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
77.1
119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

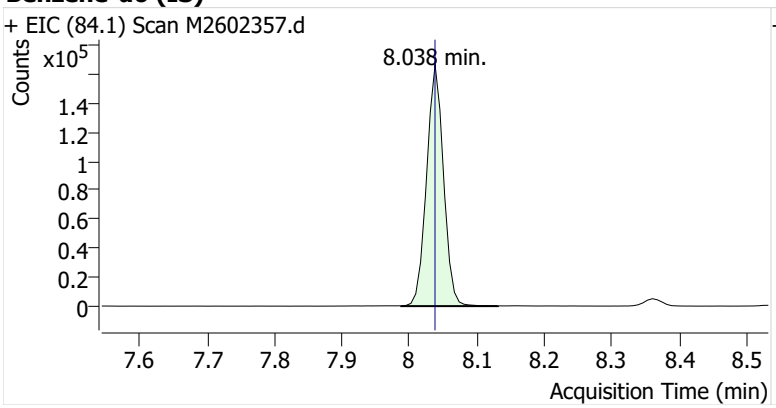
Name	IRVSEA-3-S-20260513
Comment	C35829
Data File	M2602357.d
Acq. Date-Time	5/28/2026 10:18:39 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

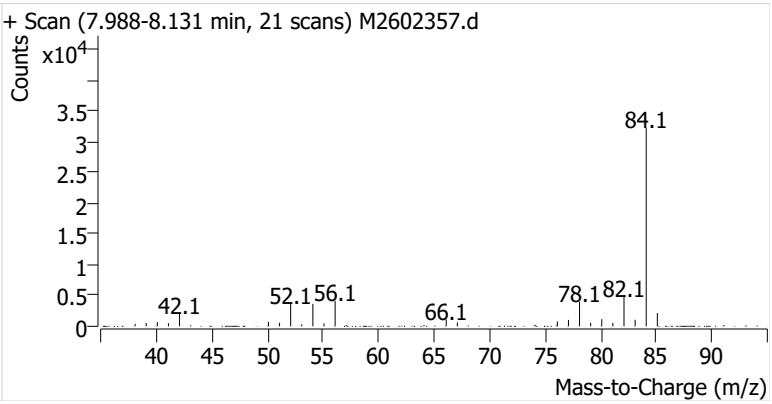
Sample Chromatogram



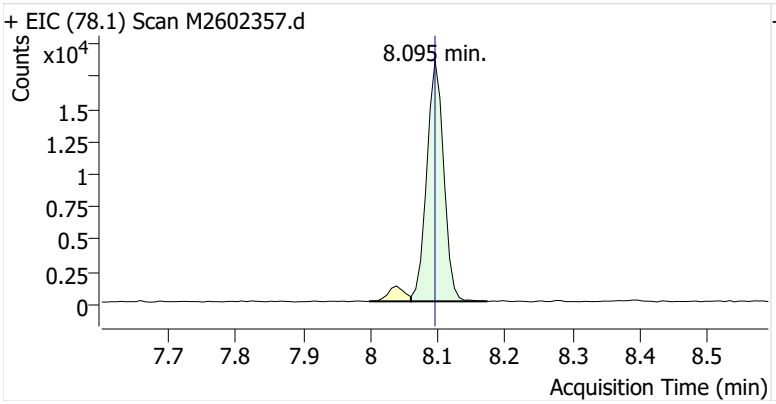
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,340	
Benzene	Benzene-d6 (IS)	8.095	8.095	32,335	
Toluene-d8 (IS)		10.717	10.724	314,817	
Toluene	Toluene-d8 (IS)	10.817	10.817	82,233	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	17,560	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	31,441	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	9,151	

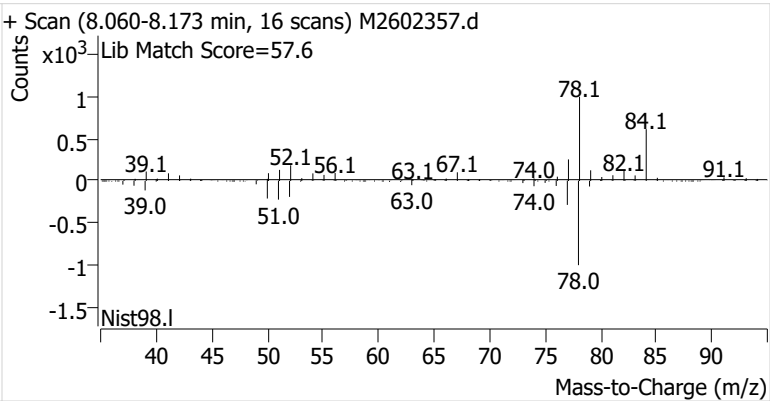
Benzene-d6 (IS)



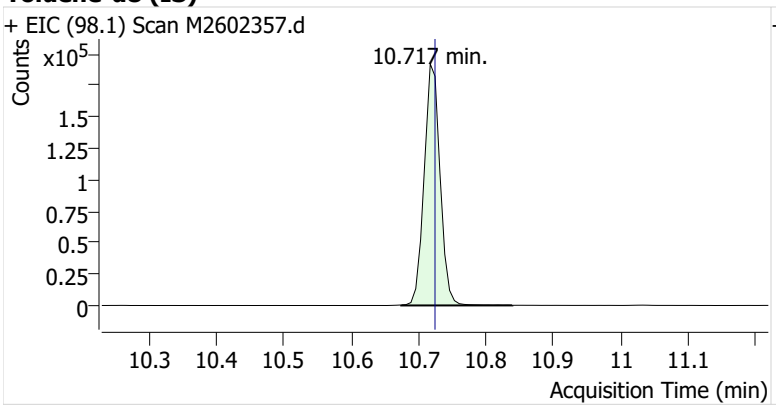


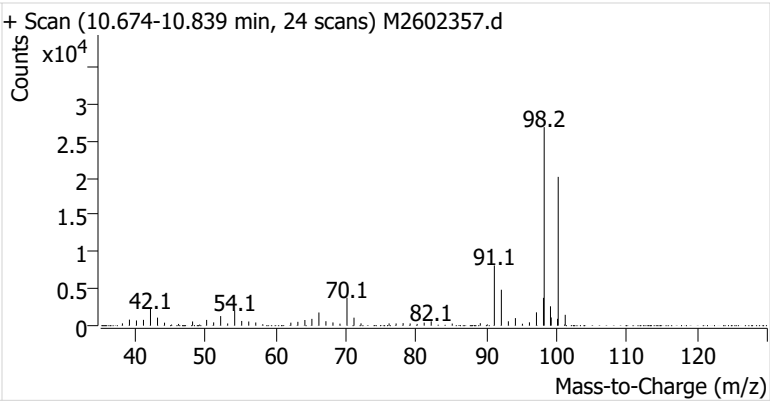
Benzene



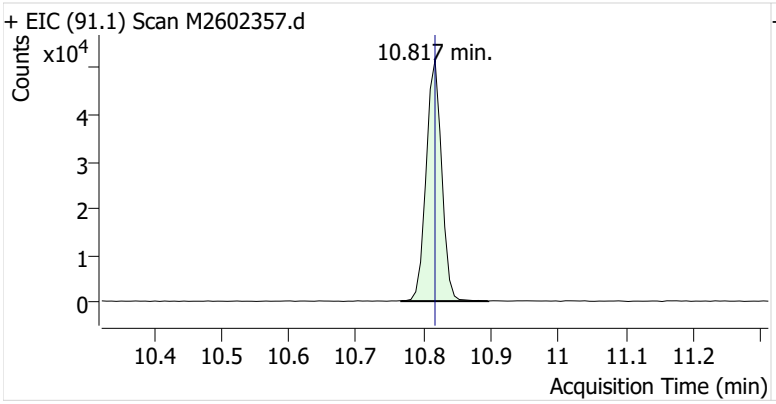


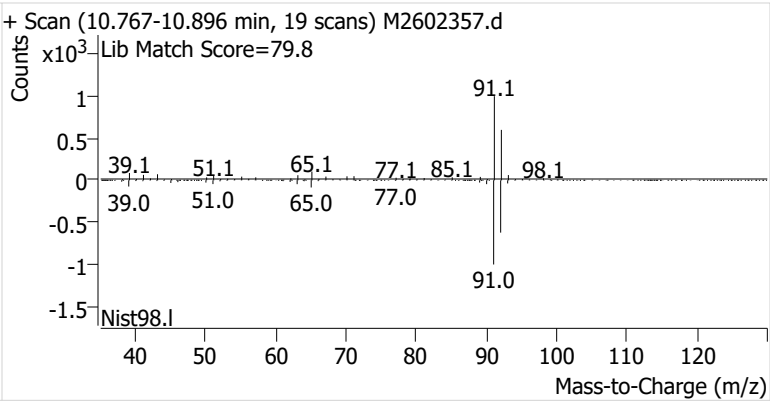
Toluene-d8 (IS)



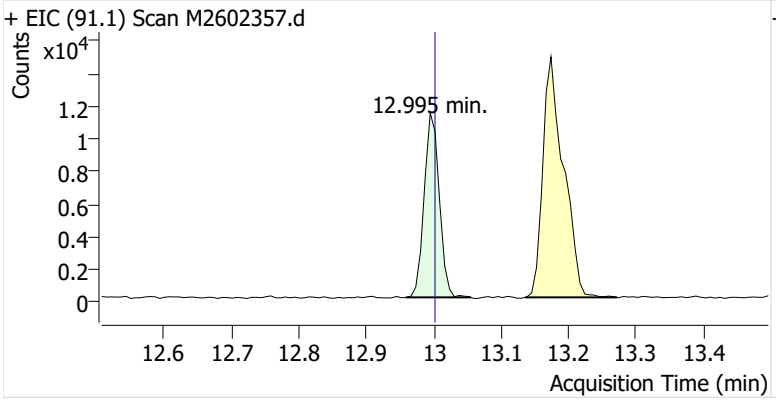


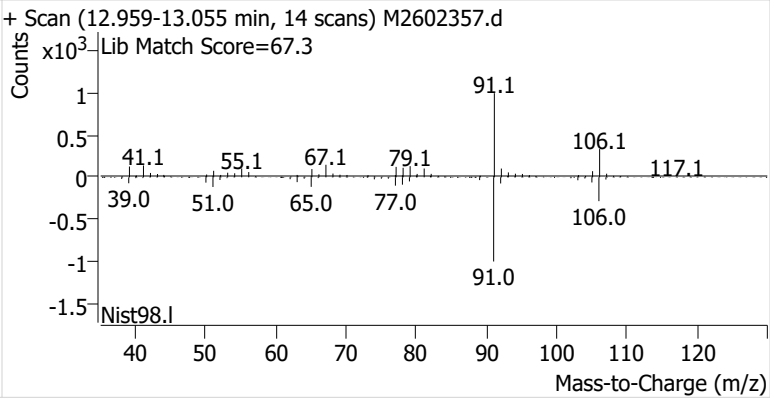
Toluene



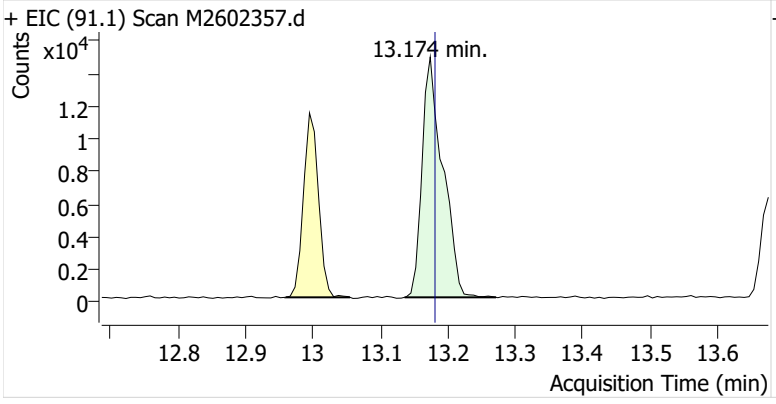


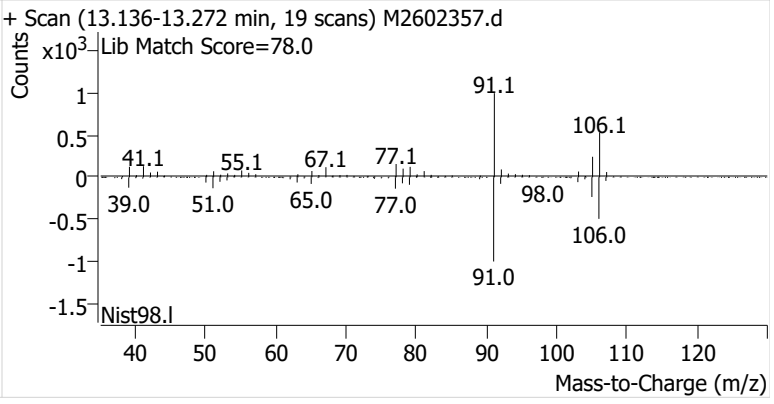
Ethylbenzene



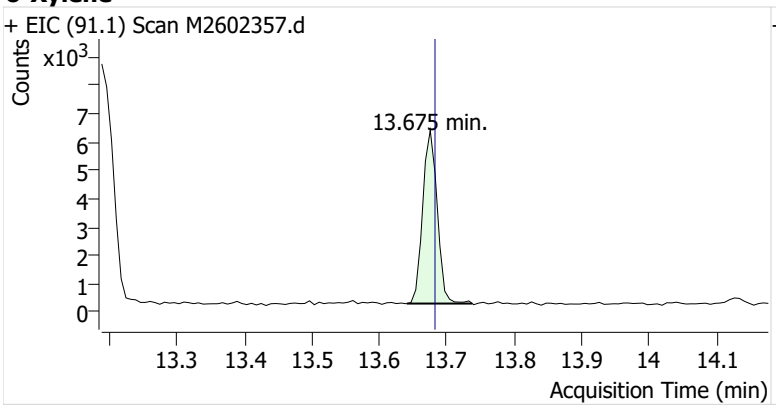


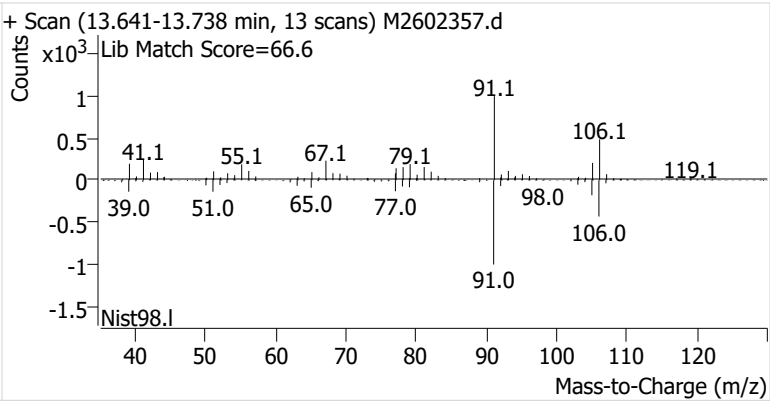
m-/p-Xylenes





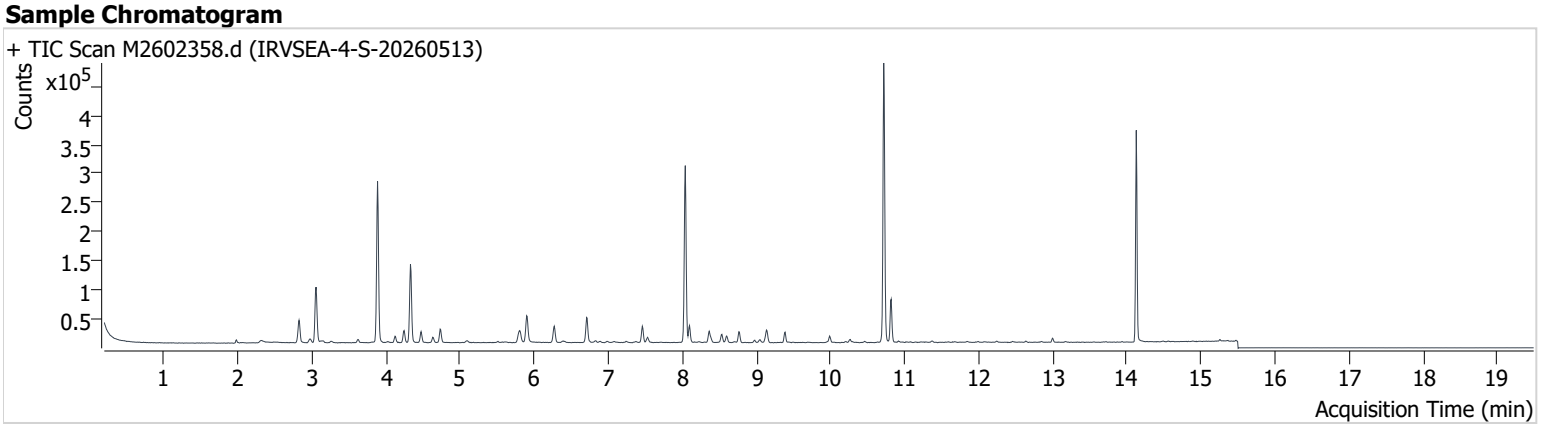
o-Xylene


+ EIC (91.1) Scan M2602357.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.641-13.738 min, 13 scans) M2602357.d
Lib Match Score=66.6
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
79.1
119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

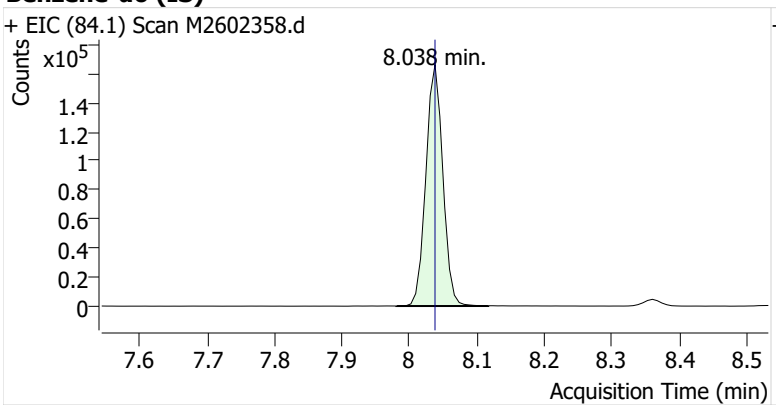
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Comment	C40196
Data File	M2602358.d
Acq. Date-Time	5/28/2026 10:44:49 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

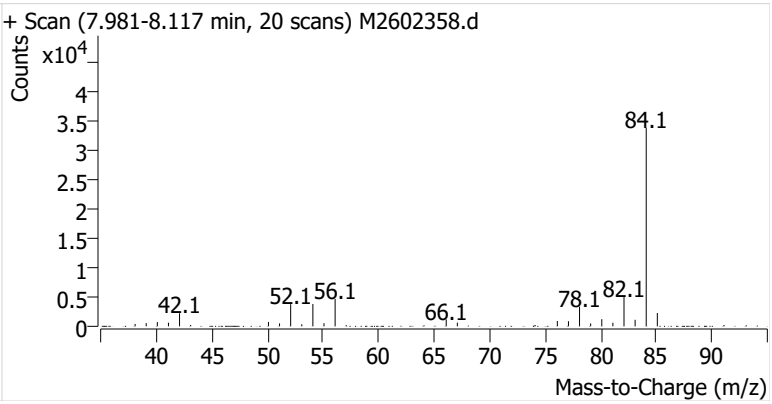
Sample Chromatogram



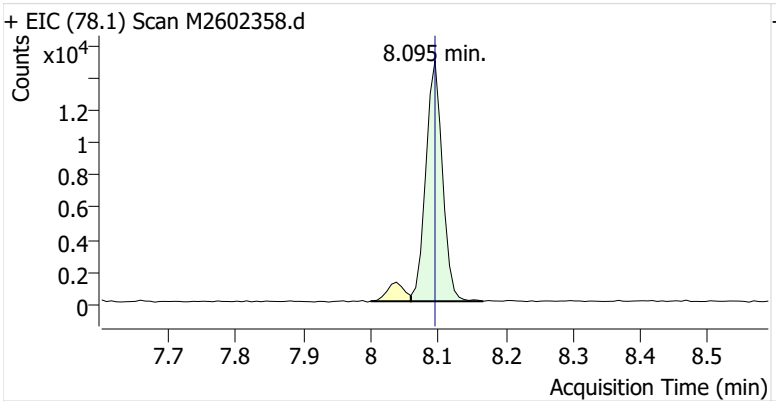
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
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Benzene	Benzene-d6 (IS)	8.095	8.095	25,490	
Toluene-d8 (IS)		10.717	10.724	318,381	
Toluene	Toluene-d8 (IS)	10.817	10.817	50,048	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	4,981	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	796	
o-Xylene	Toluene-d8 (IS)	13.668	13.682	259	

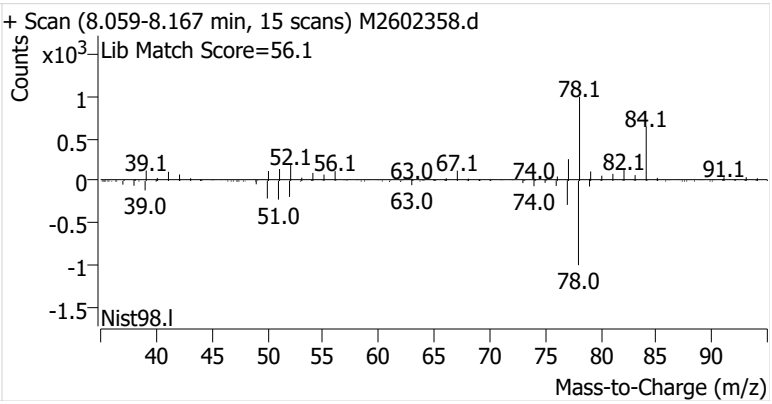
Benzene-d6 (IS)



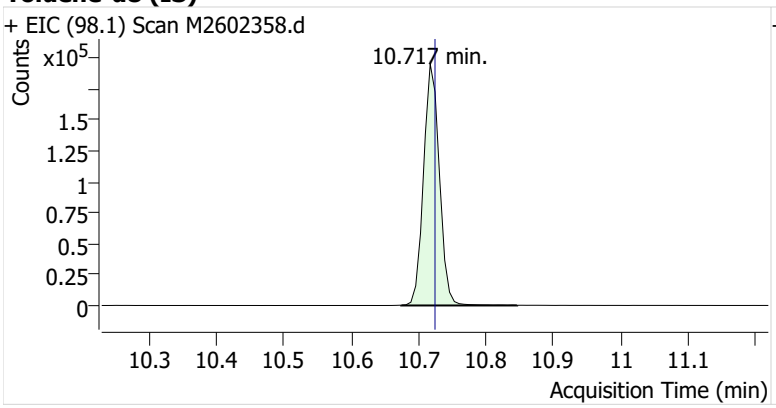


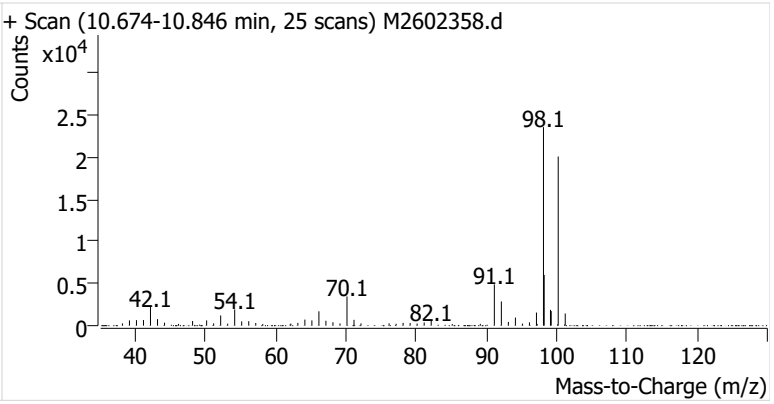
Benzene



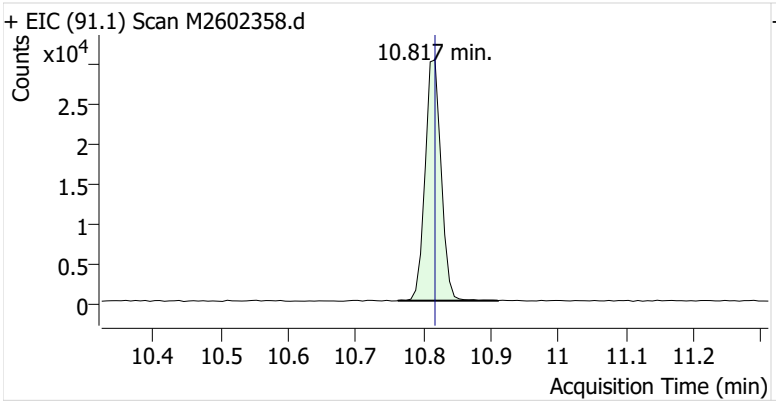


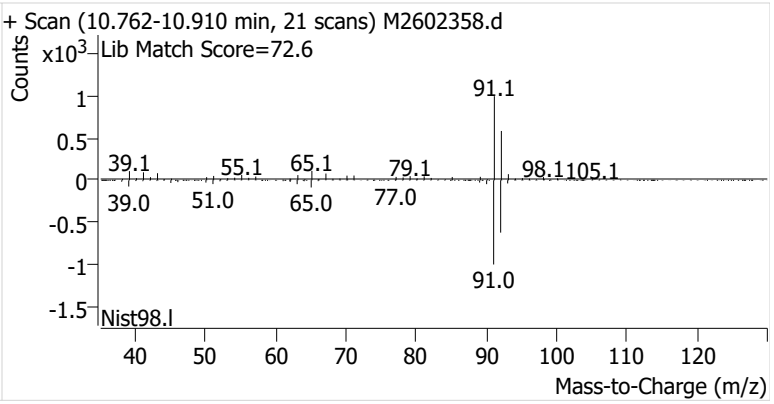
Toluene-d8 (IS)



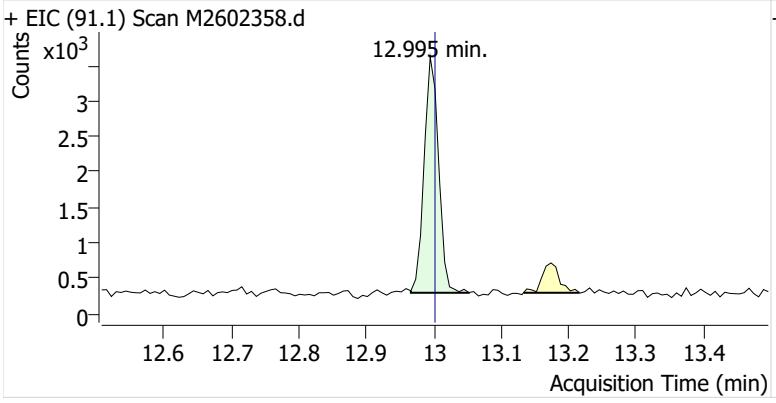


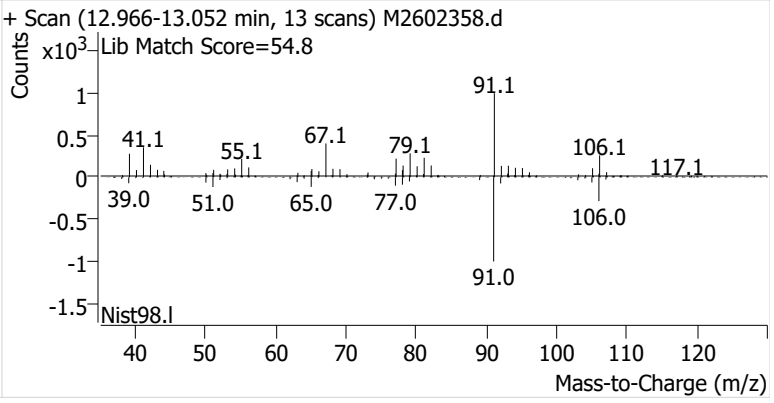
Toluene



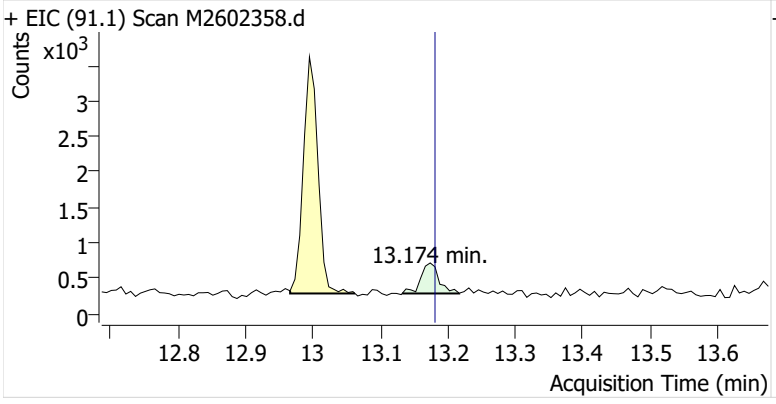


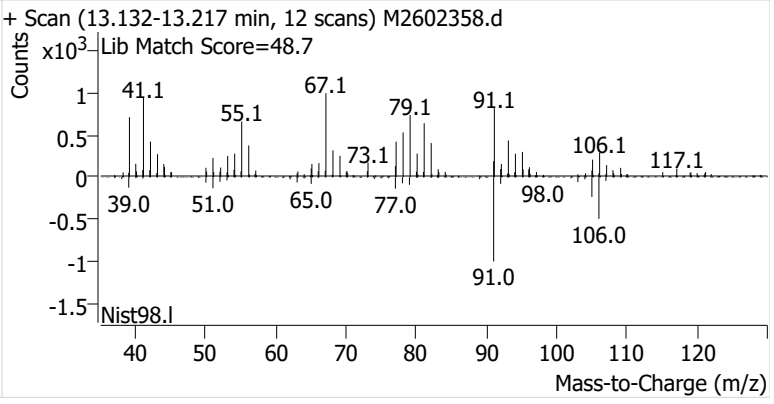
Ethylbenzene



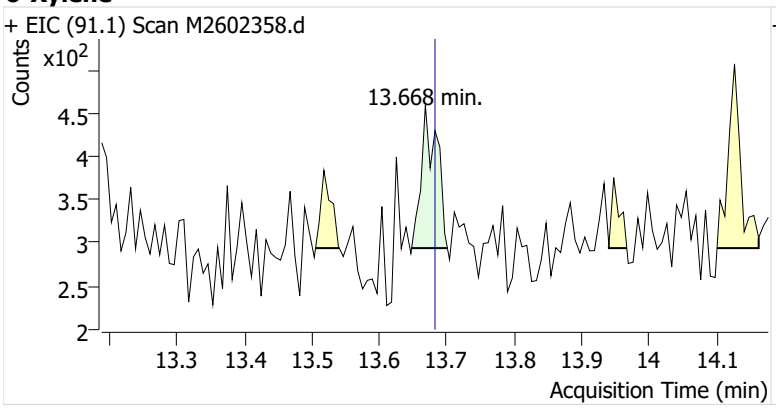


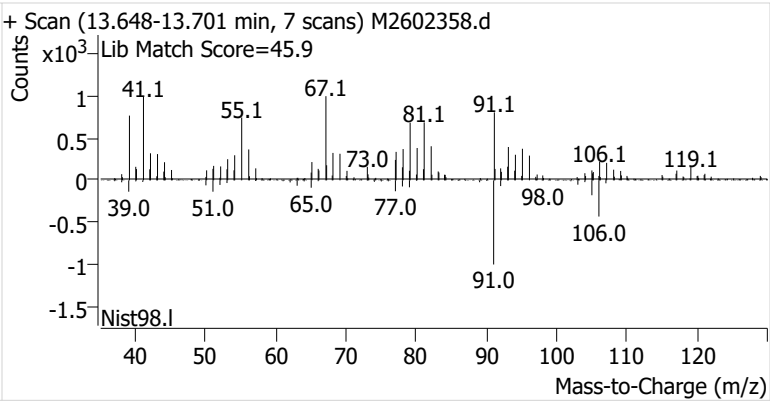
m-/p-Xylenes





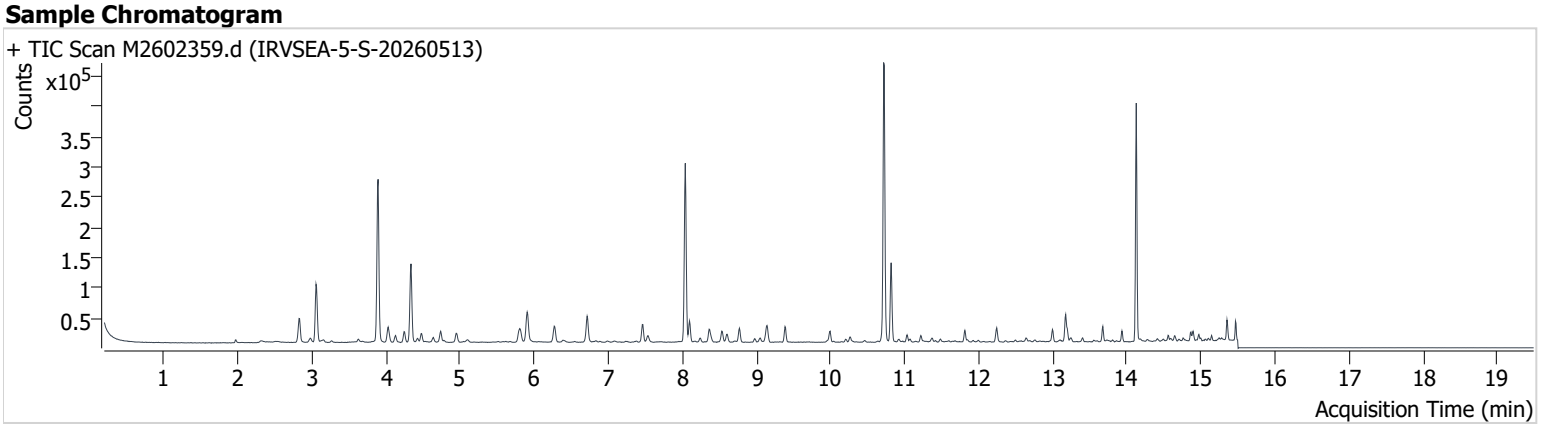
o-Xylene


+ EIC (91.1) Scan M2602358.d
Counts
x10^2
13.668 min.
Acquisition Time (min)


+ Scan (13.648-13.701 min, 7 scans) M2602358.d
Lib Match Score=45.9
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

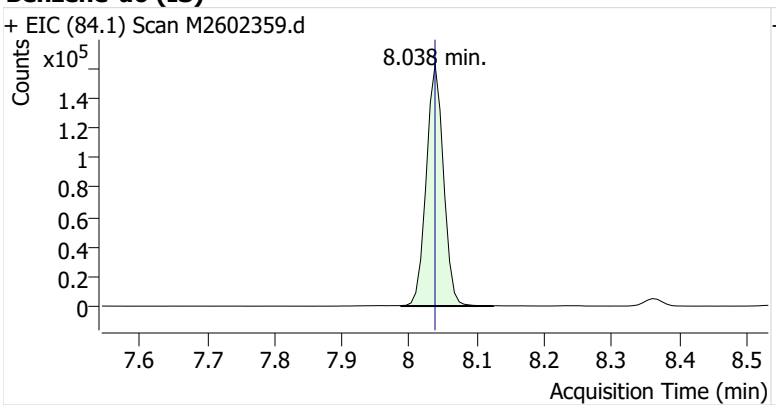
Name	IRVSEA-5-S-20260513
Comment	C20556
Data File	M2602359.d
Acq. Date-Time	5/28/2026 11:10:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

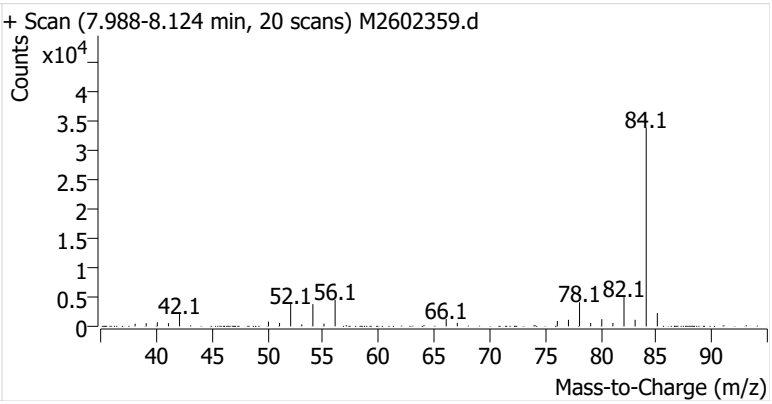
Sample Chromatogram



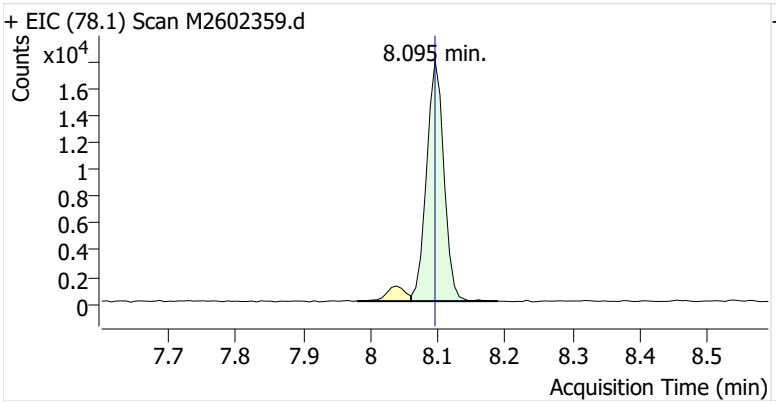
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	288,678	
Benzene	Benzene-d6 (IS)	8.095	8.095	31,887	
Toluene-d8 (IS)		10.717	10.724	318,886	
Toluene	Toluene-d8 (IS)	10.817	10.817	88,111	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	13,803	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	34,368	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	13,270	

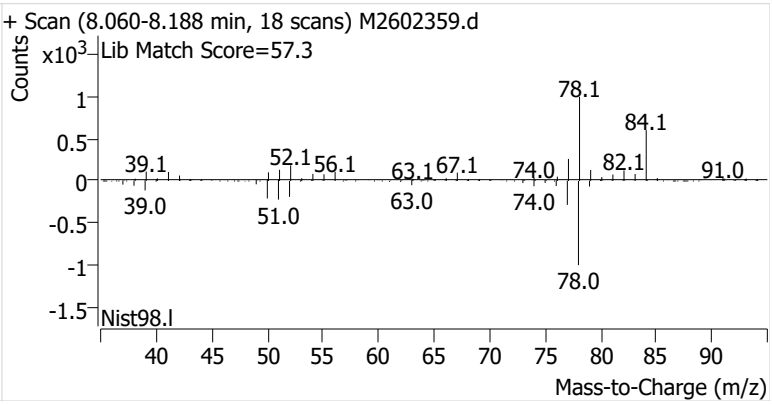
Benzene-d6 (IS)



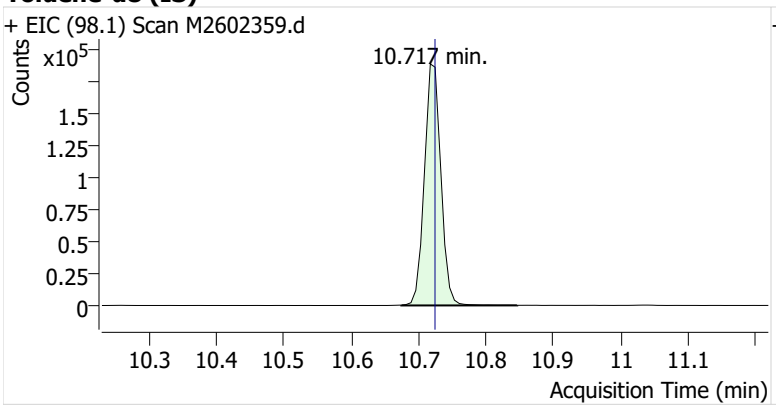


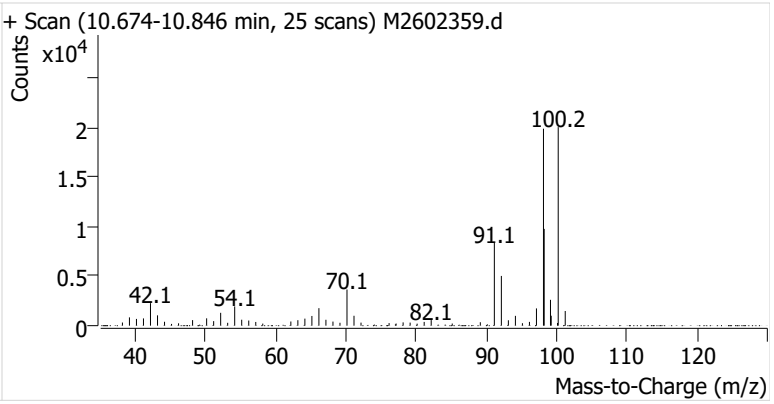
Benzene



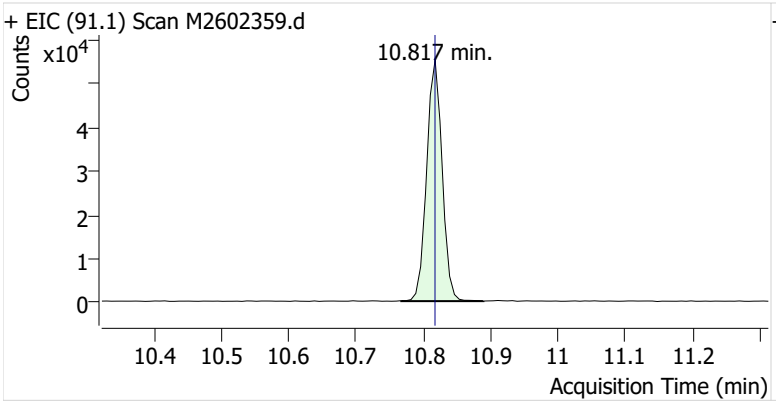


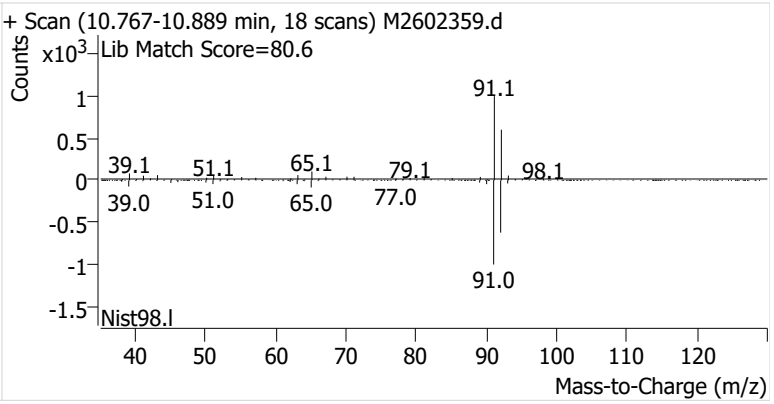
Toluene-d8 (IS)



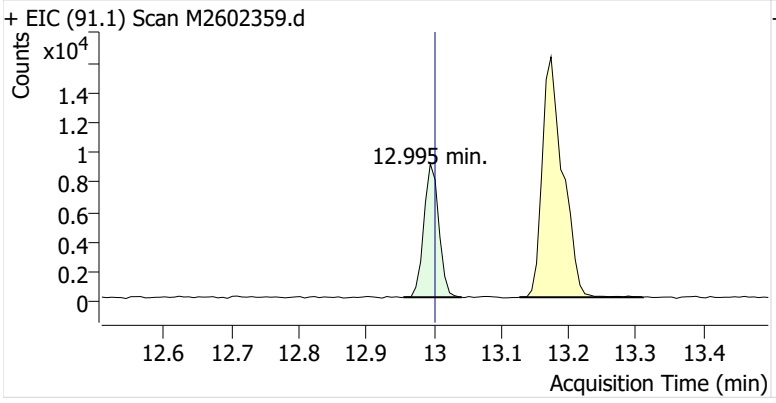


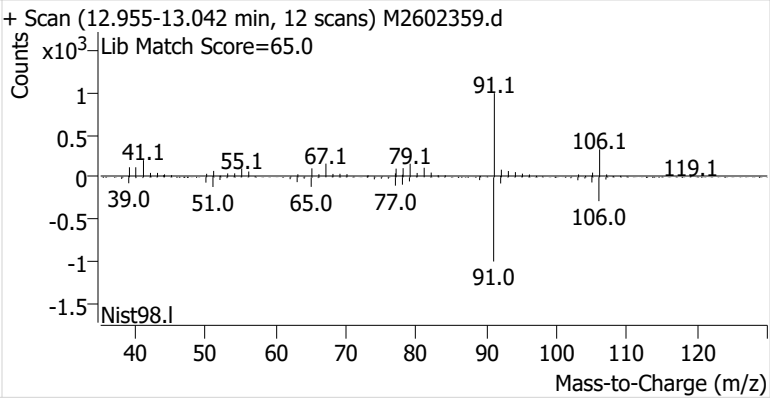
Toluene



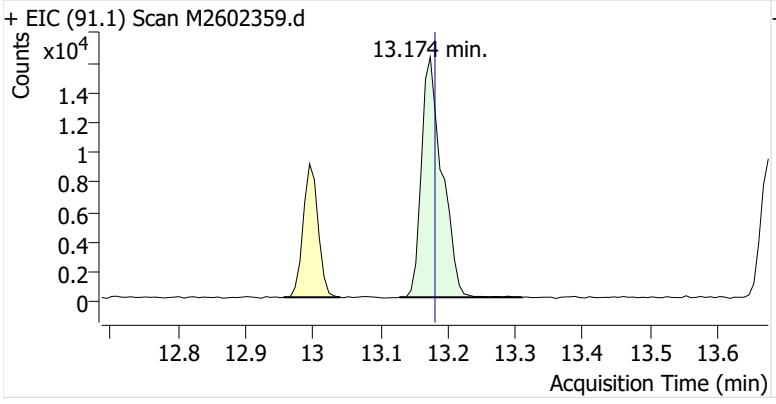


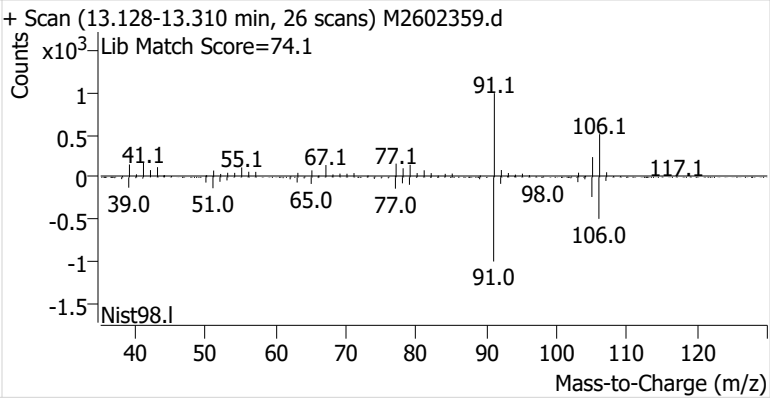
Ethylbenzene



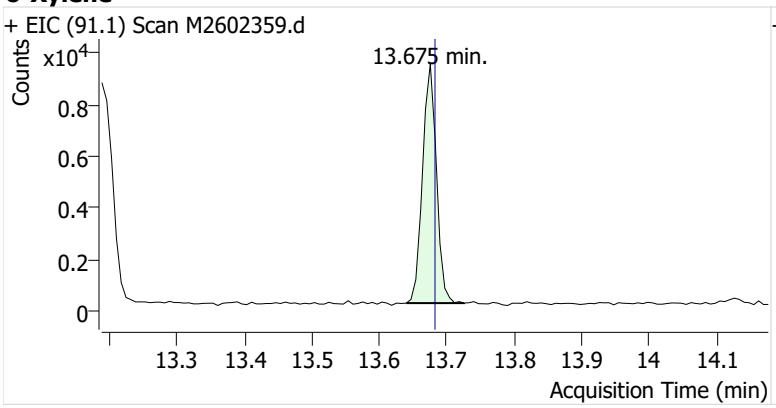


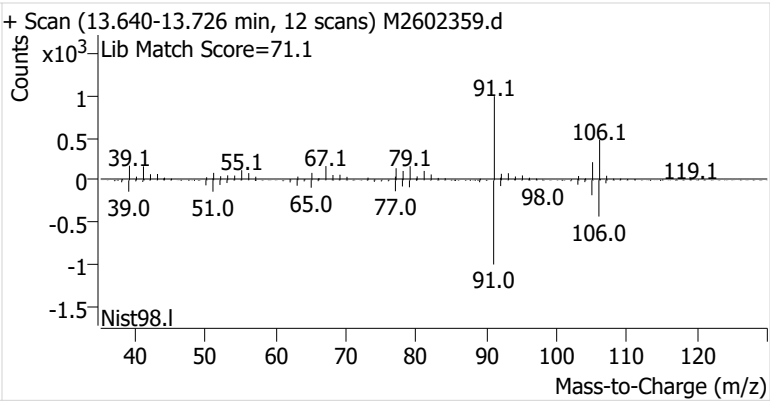
m-/p-Xylenes





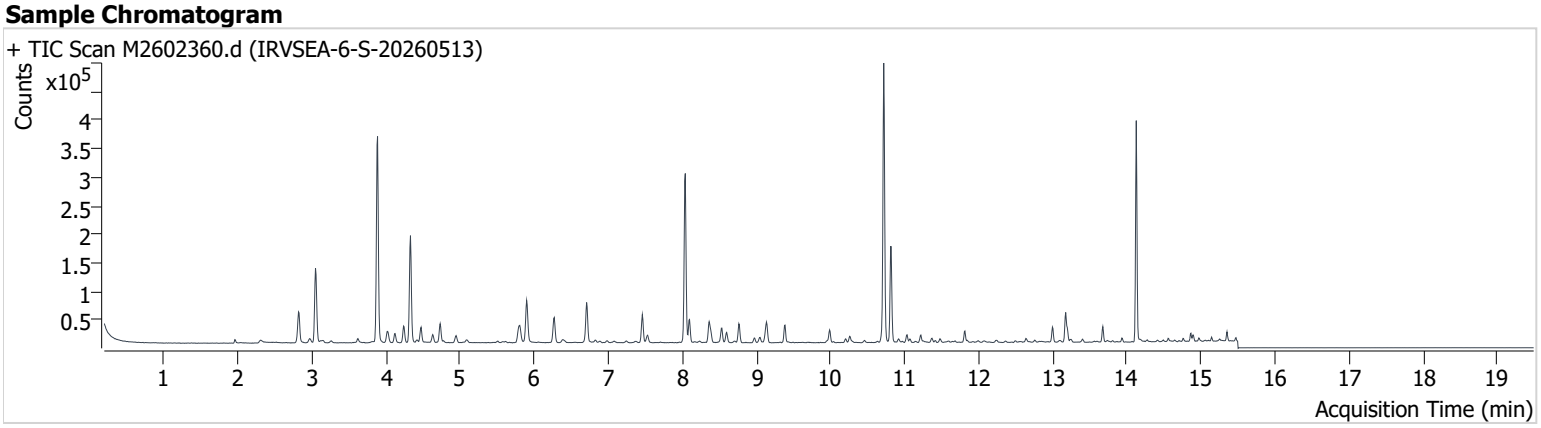
o-Xylene


+ EIC (91.1) Scan M2602359.d
Counts
x10^4
13.675 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.726 min, 12 scans) M2602359.d
Counts
x10^3
Lib Match Score=71.1
91.1
106.1
39.1
55.1
67.1
79.1
119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

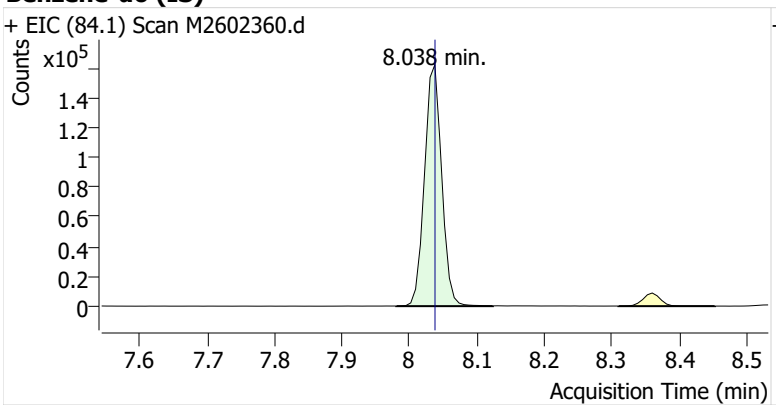
Name	IRVSEA-6-S-20260513
Comment	C40676
Data File	M2602360.d
Acq. Date-Time	5/28/2026 11:37:33 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

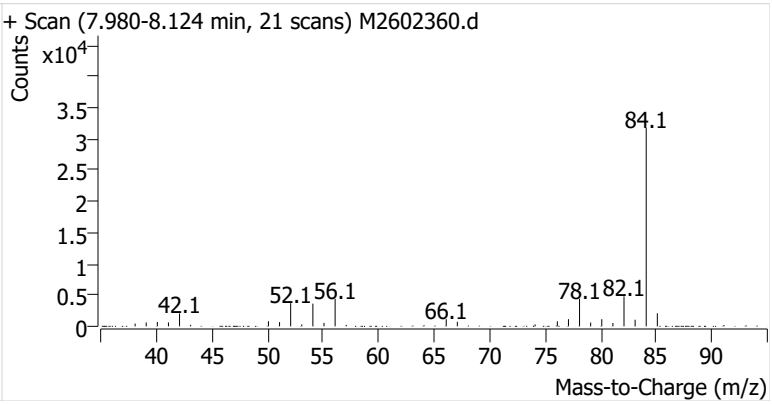
Sample Chromatogram



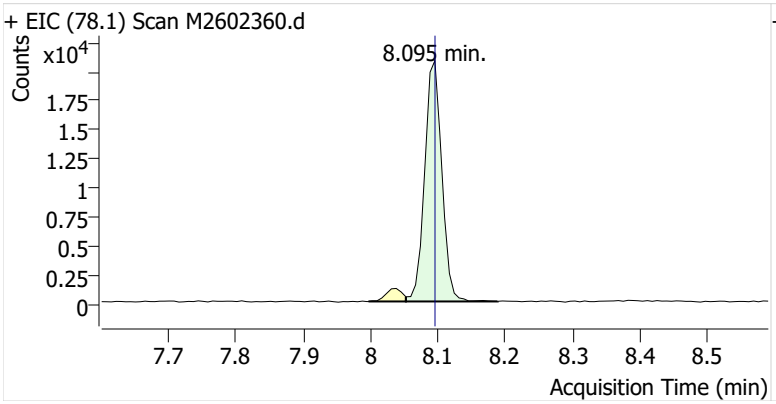
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	286,348	
Benzene	Benzene-d6 (IS)	8.095	8.095	36,652	
Toluene-d8 (IS)		10.717	10.724	312,382	
Toluene	Toluene-d8 (IS)	10.810	10.817	116,975	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	18,006	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	40,159	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	15,074	

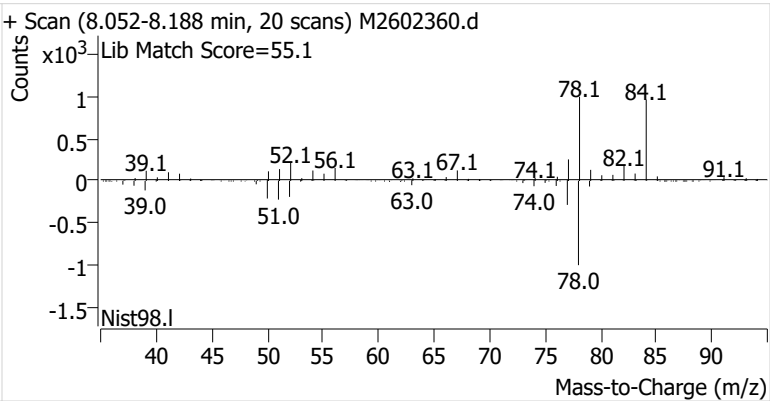
Benzene-d6 (IS)



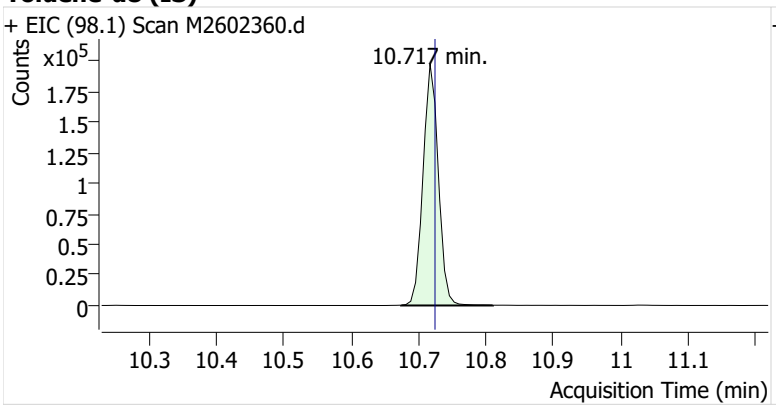


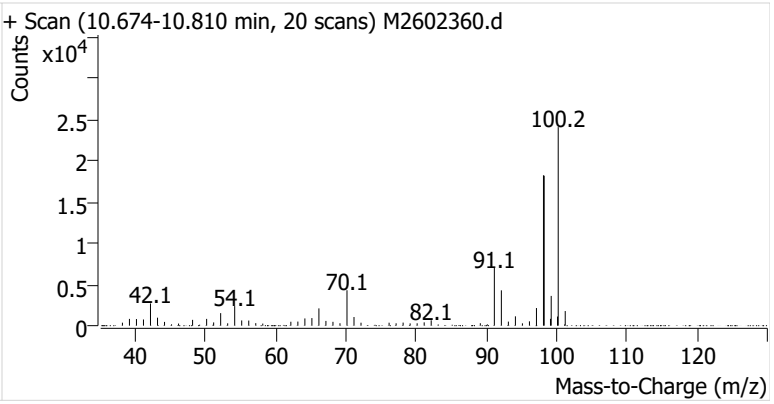
Benzene



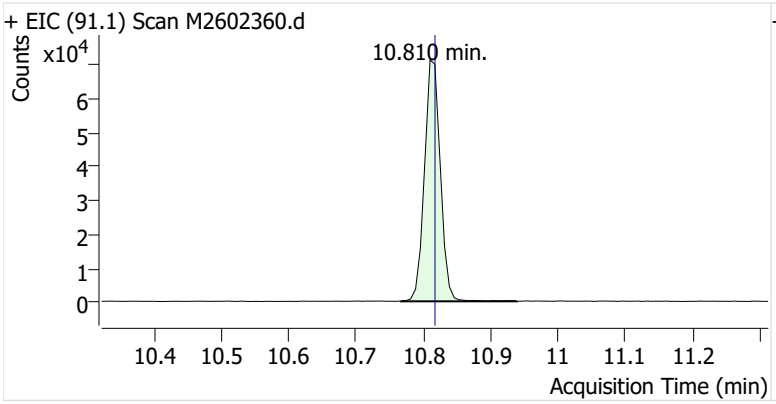


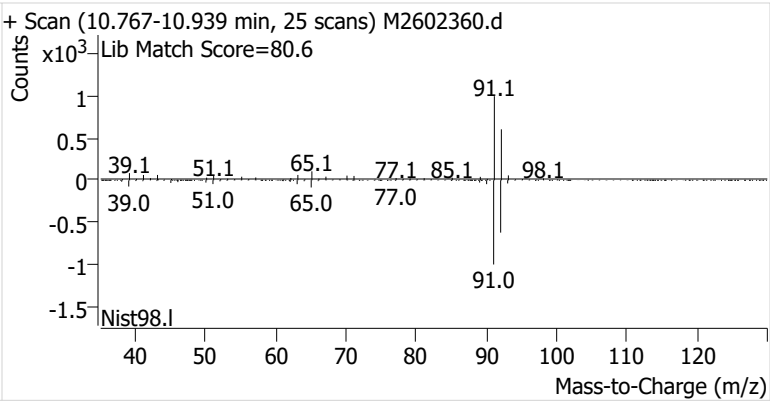
Toluene-d8 (IS)



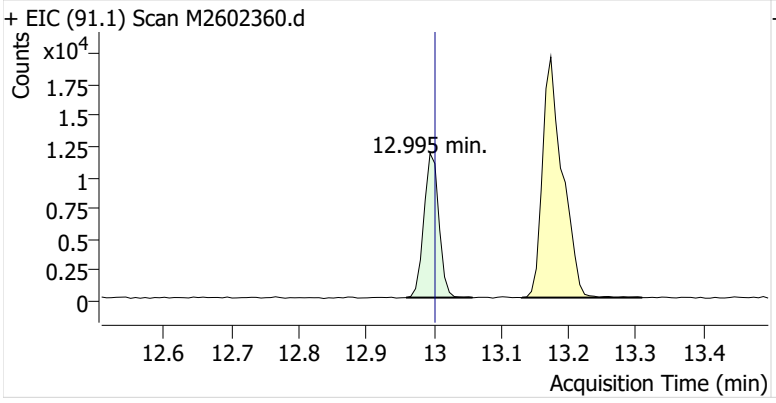


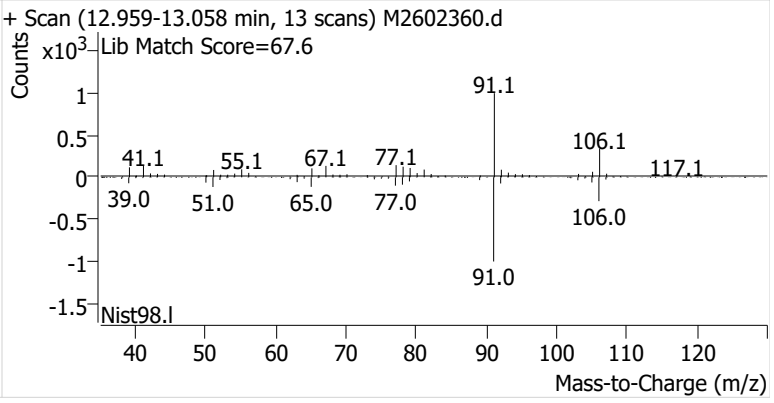
Toluene



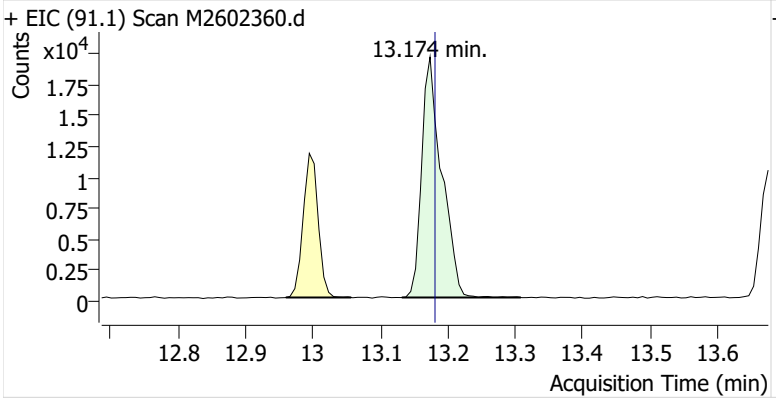


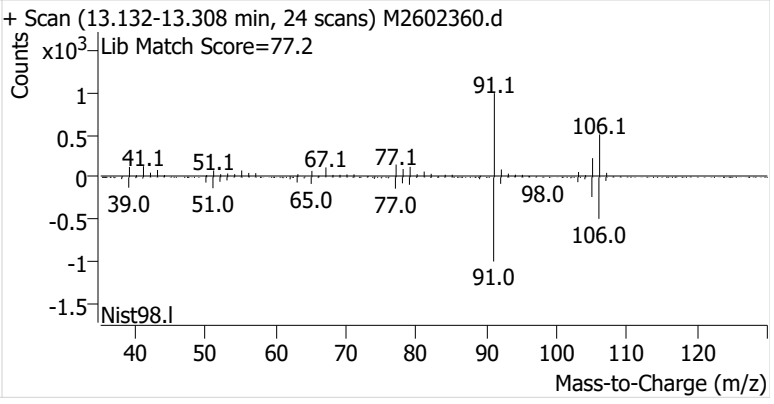
Ethylbenzene



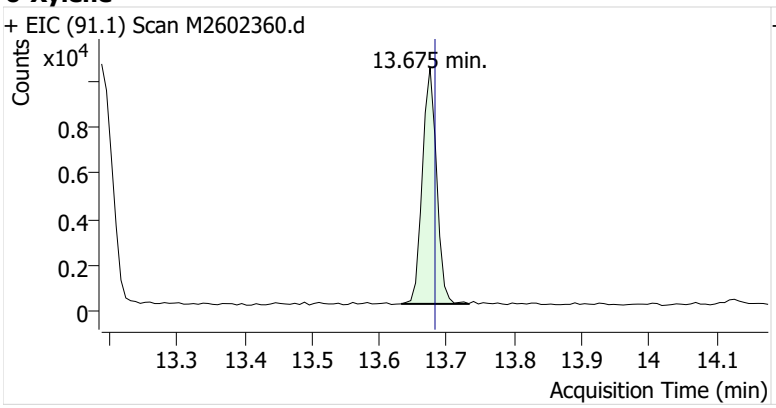


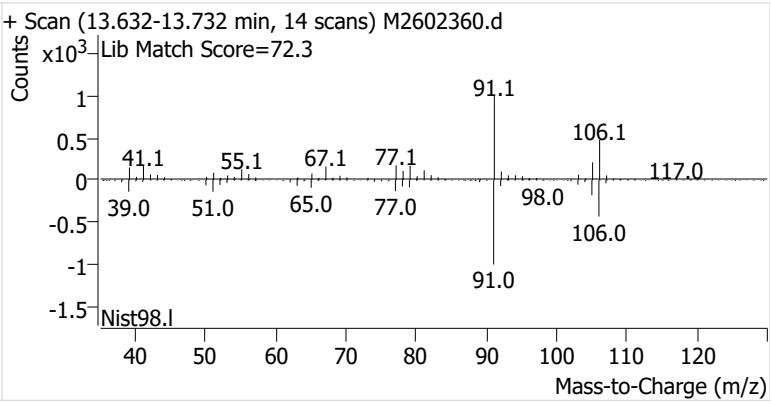
m-/p-Xylenes





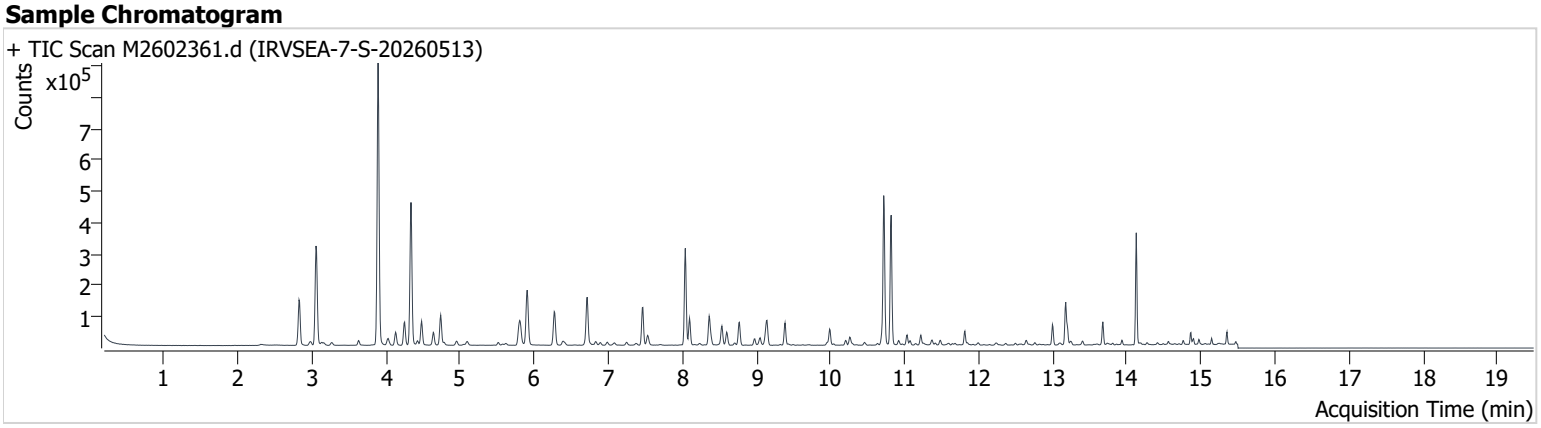
o-Xylene


+ EIC (91.1) Scan M2602360.d
Counts
x10^4
13.675 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.632-13.732 min, 14 scans) M2602360.d
Counts
x10^3
Lib Match Score=72.3
91.1
106.1
41.1
55.1
67.1
77.1
117.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

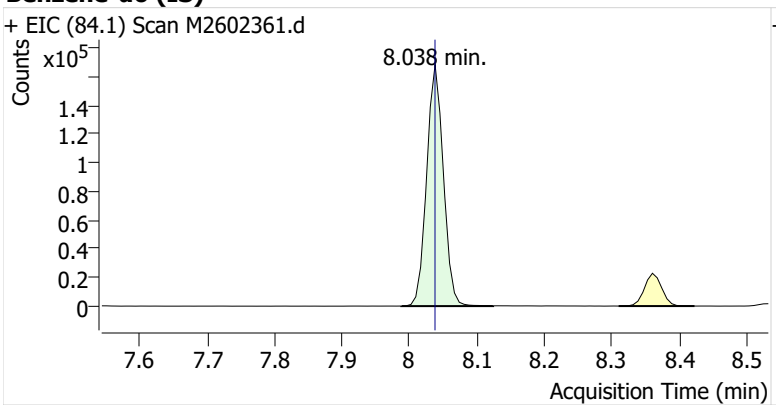
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Comment	C24181
Data File	M2602361.d
Acq. Date-Time	5/29/2026 12:03:35 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

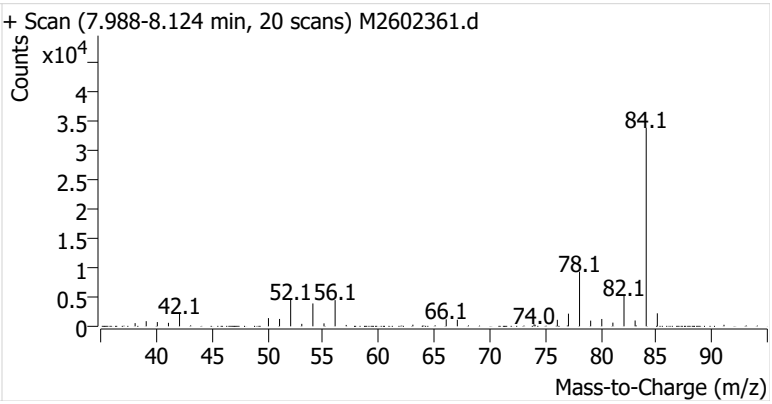
Sample Chromatogram



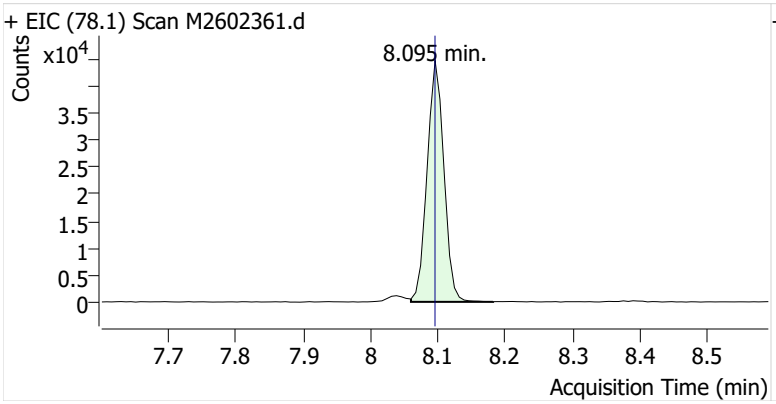
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	289,677	
Benzene	Benzene-d6 (IS)	8.095	8.095	76,816	
Toluene-d8 (IS)		10.717	10.724	315,544	
Toluene	Toluene-d8 (IS)	10.817	10.817	281,775	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	44,923	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	103,147	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	40,109	

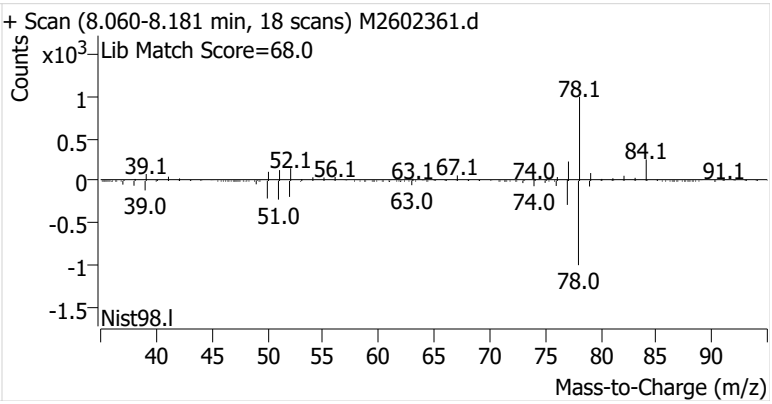
Benzene-d6 (IS)



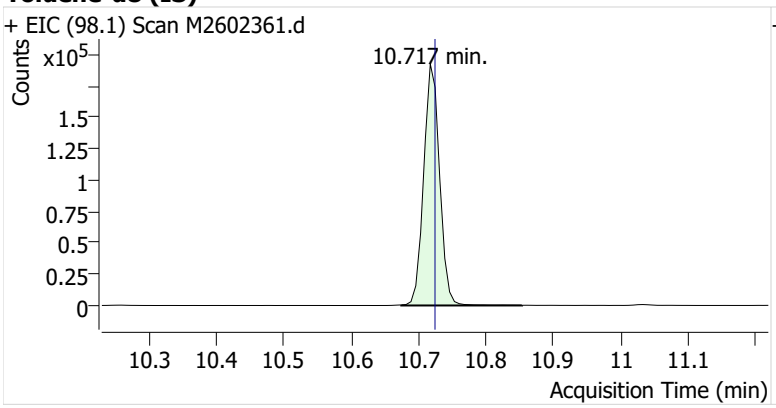


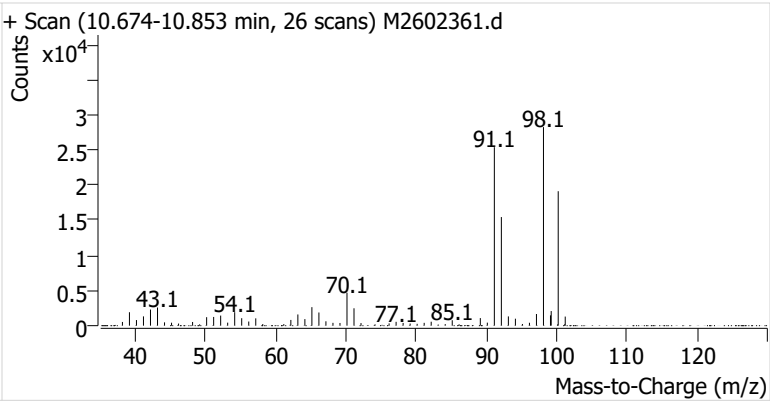
Benzene



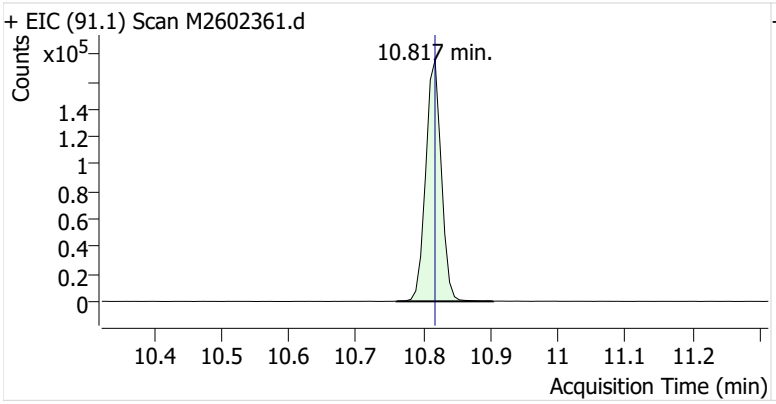


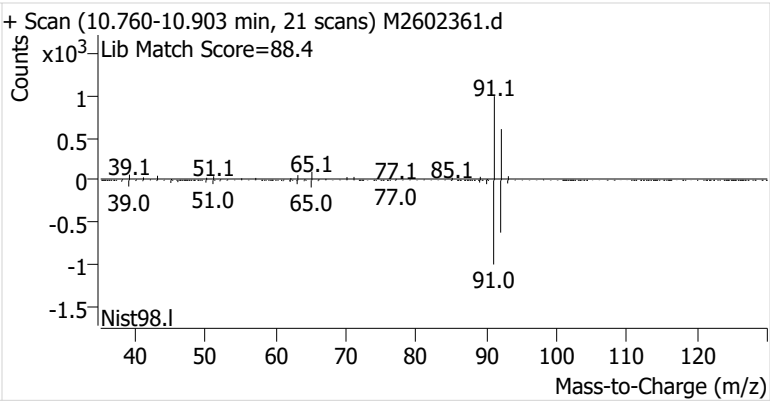
Toluene-d8 (IS)



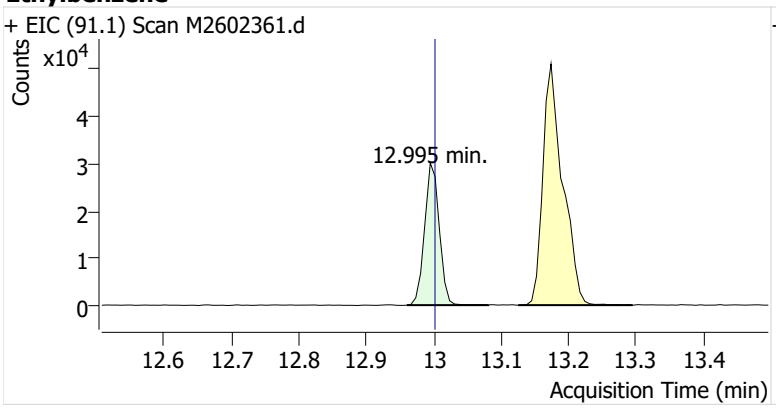


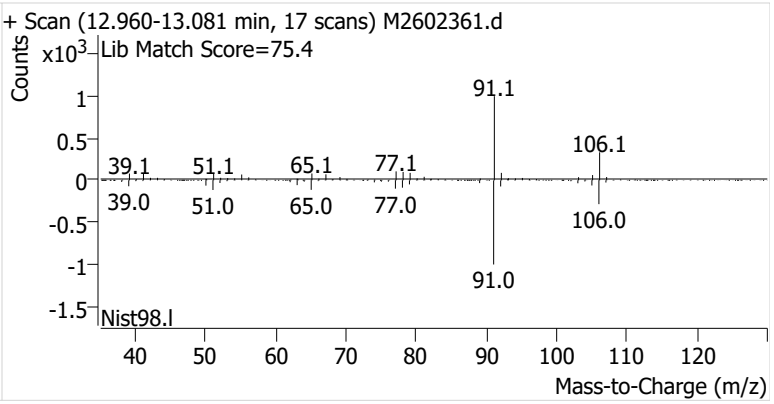
Toluene



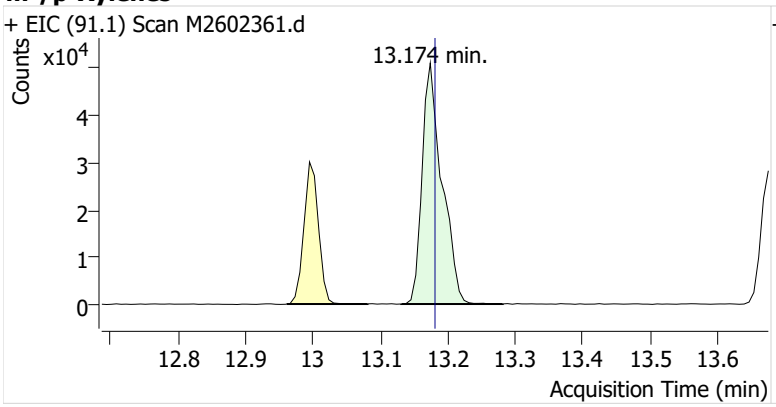


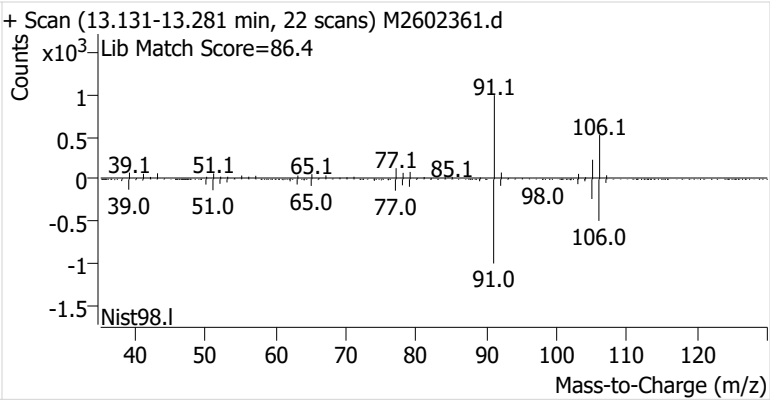
Ethylbenzene



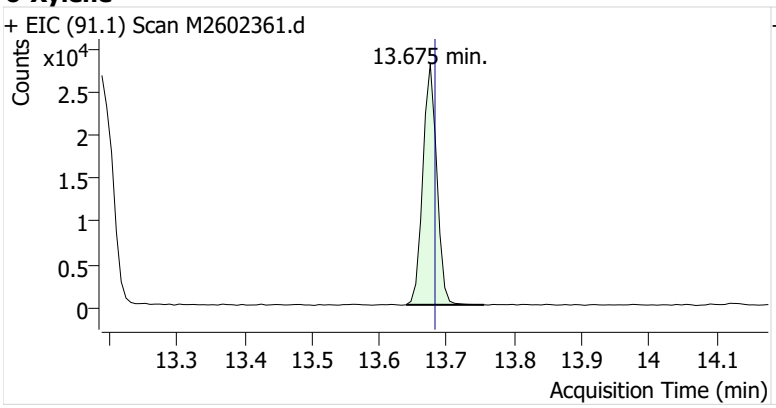


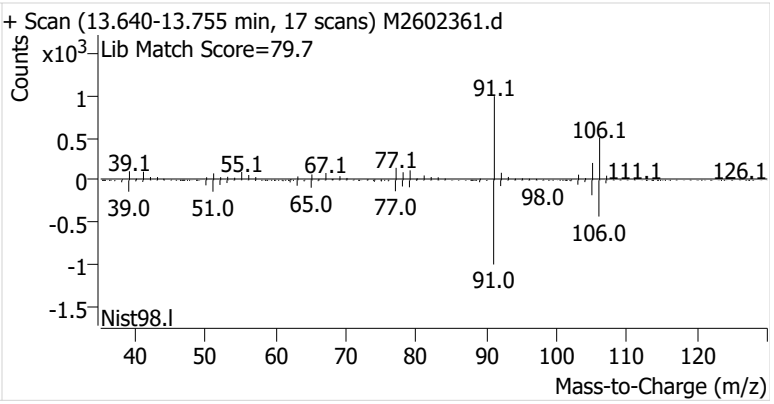
m-/p-Xylenes





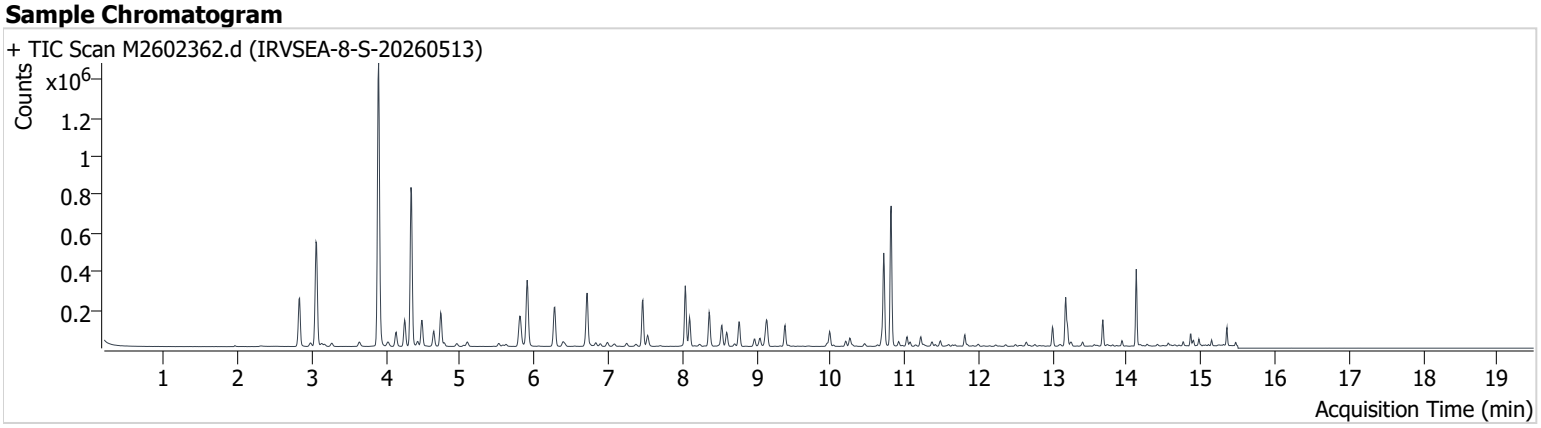
o-Xylene


+ EIC (91.1) Scan M2602361.d
Counts
x10^4
13.675 min.
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.755 min, 17 scans) M2602361.d
Counts
x10^3
Lib Match Score=79.7
91.1
106.1
39.1
55.1
67.1
77.1
111.1
126.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

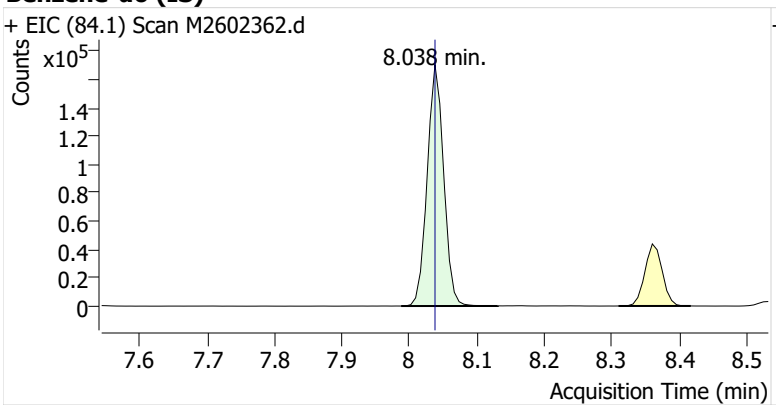
Name	IRVSEA-8-S-20260513
Comment	C17233
Data File	M2602362.d
Acq. Date-Time	5/29/2026 12:29:24 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

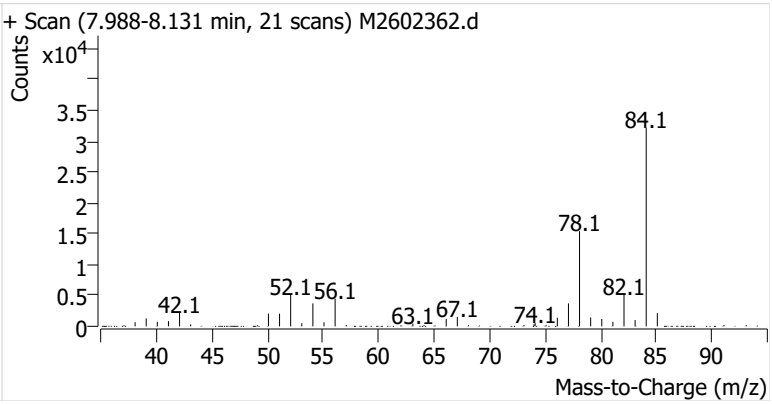
Sample Chromatogram



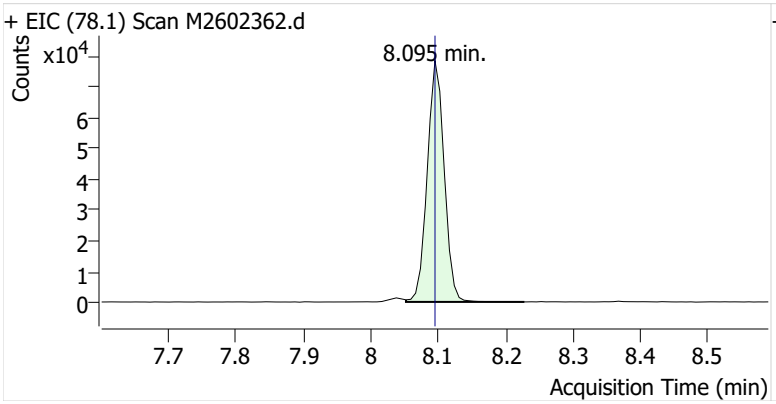
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	289,207	
Benzene	Benzene-d6 (IS)	8.095	8.095	136,615	
Toluene-d8 (IS)		10.717	10.724	315,690	
Toluene	Toluene-d8 (IS)	10.817	10.817	508,614	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	70,523	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	192,578	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	76,508	

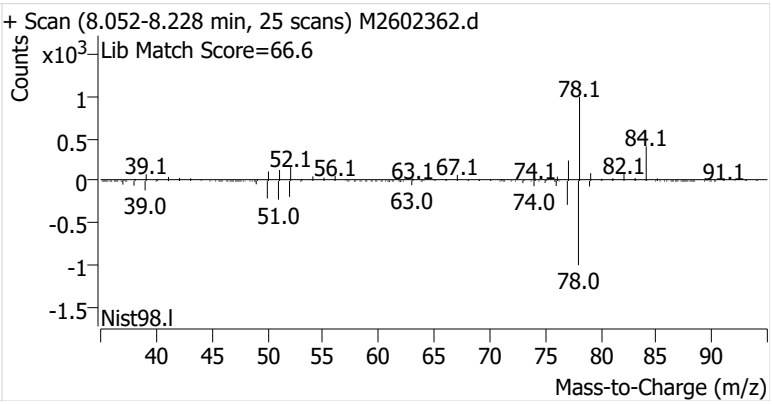
Benzene-d6 (IS)



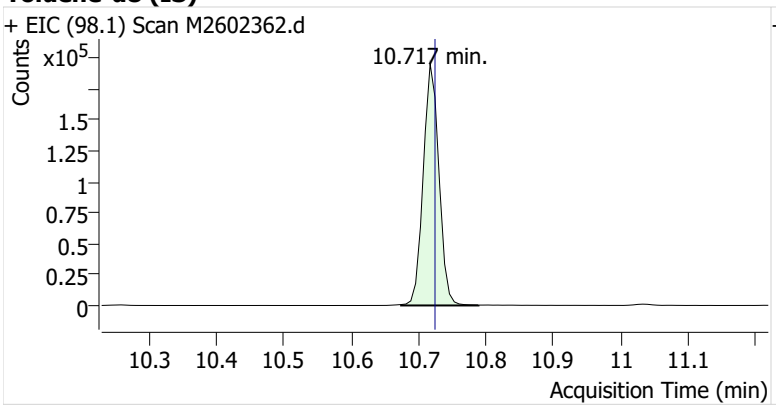


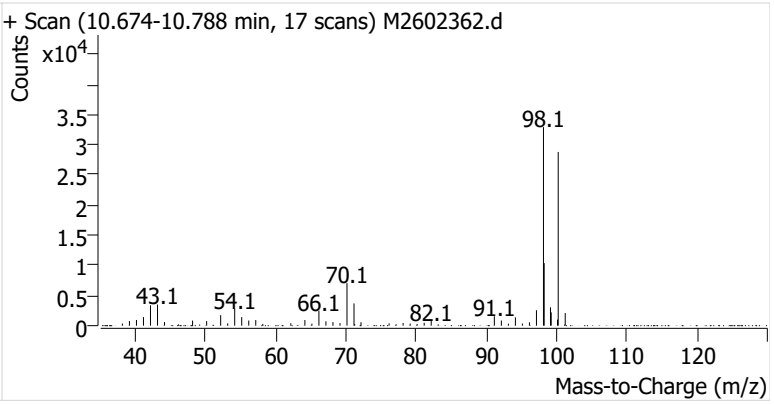
Benzene



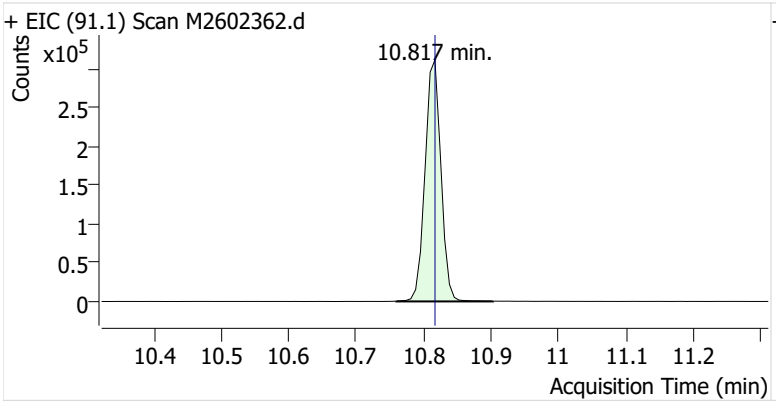


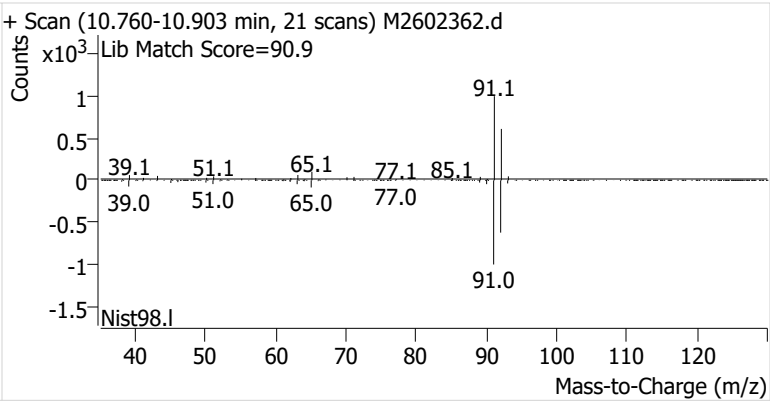
Toluene-d8 (IS)



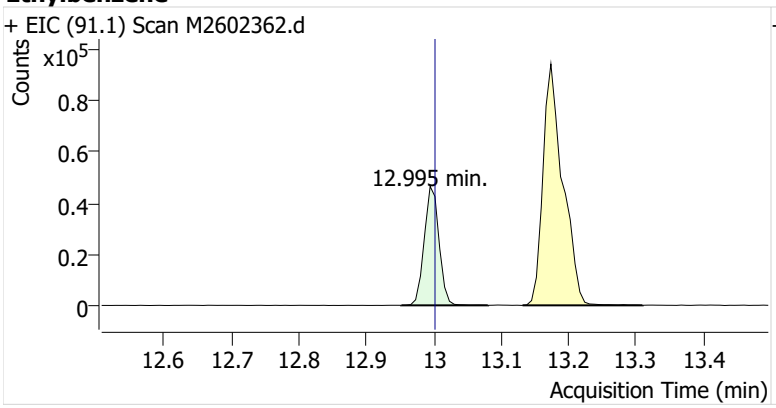


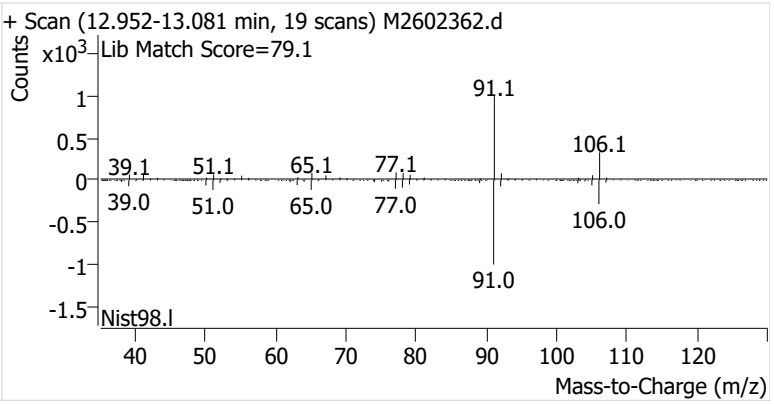
Toluene



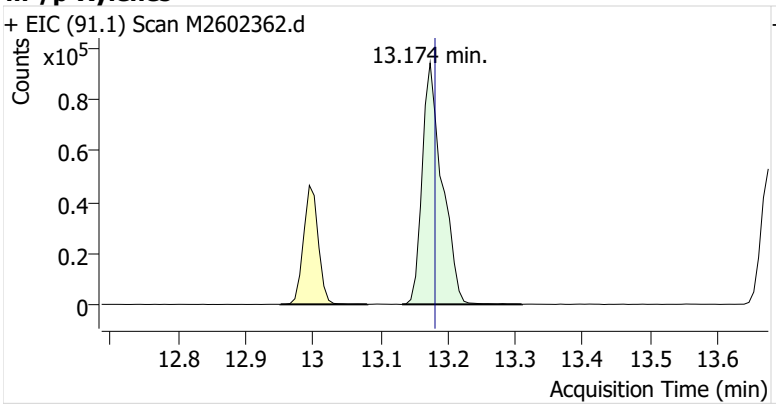


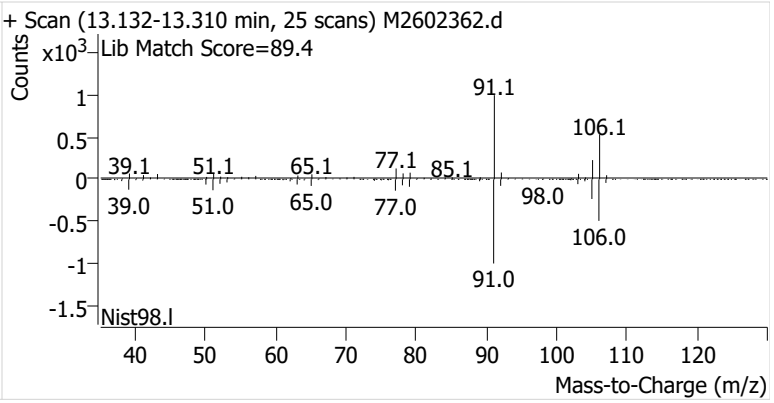
Ethylbenzene



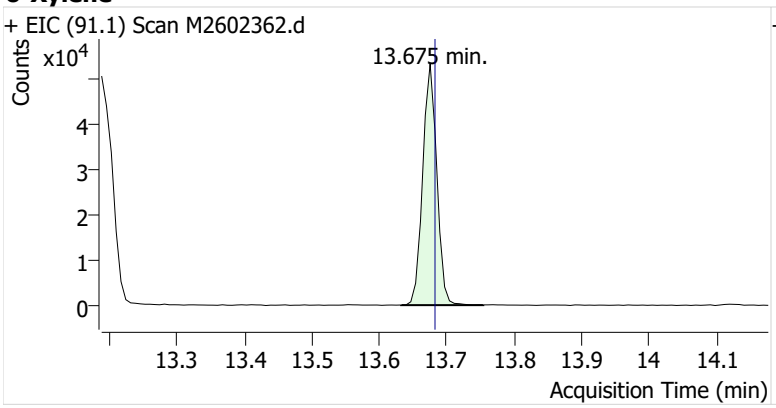


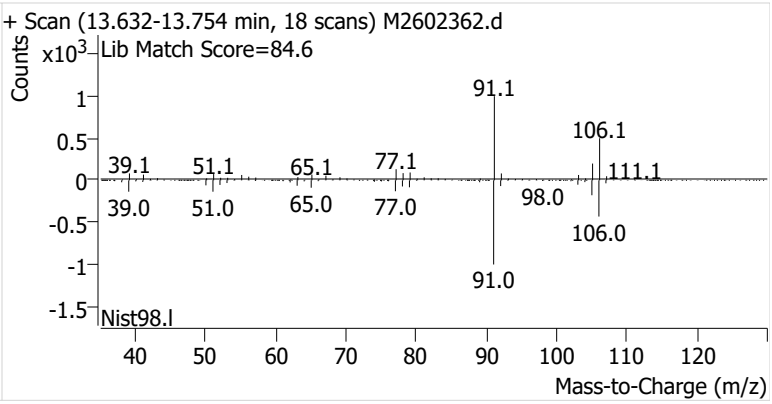
m-/p-Xylenes





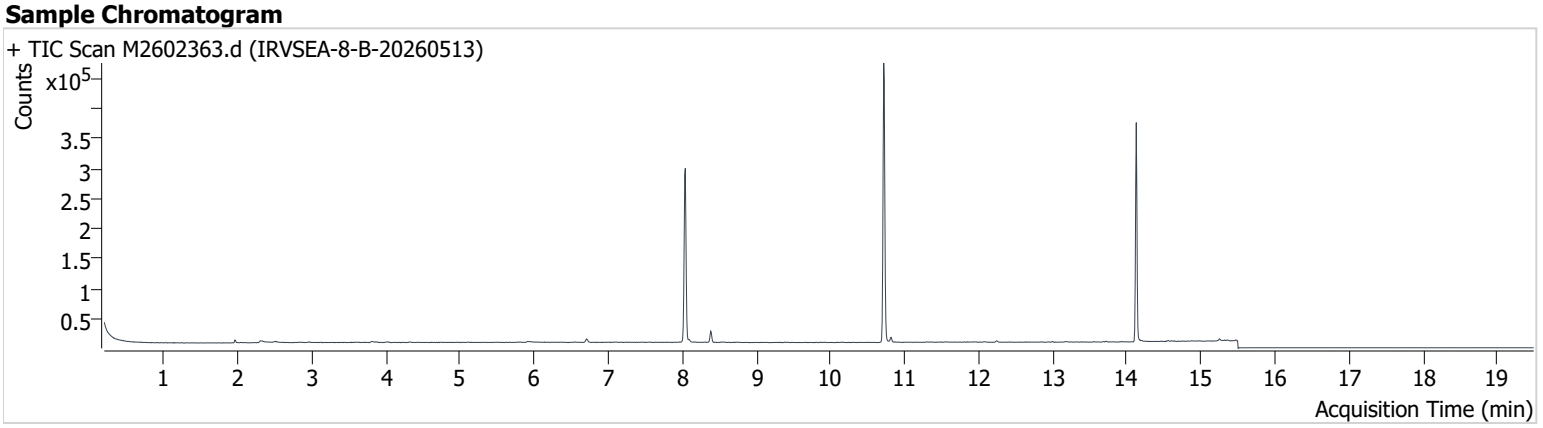
o-Xylene


+ EIC (91.1) Scan M2602362.d
Counts
x10^4
13.675 min.
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.632-13.754 min, 18 scans) M2602362.d
Counts
x10^3
Lib Match Score=84.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

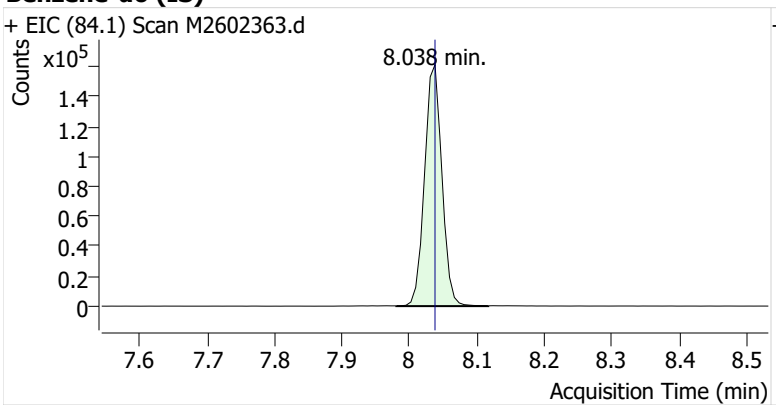
Name	IRVSEA-8-B-20260513
Comment	C33460
Data File	M2602363.d
Acq. Date-Time	5/29/2026 12:55:30 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

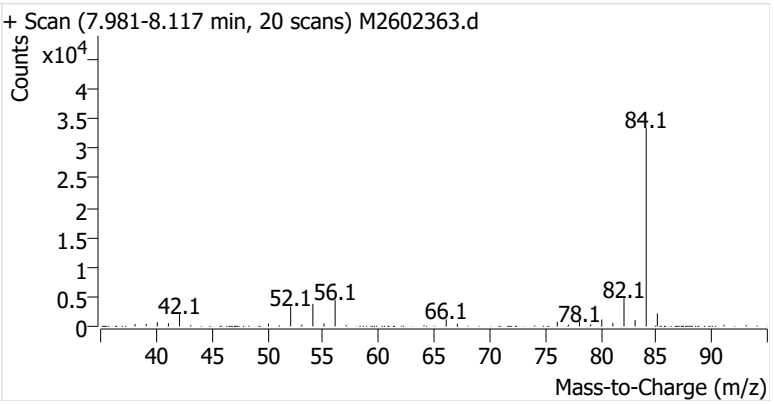
Sample Chromatogram



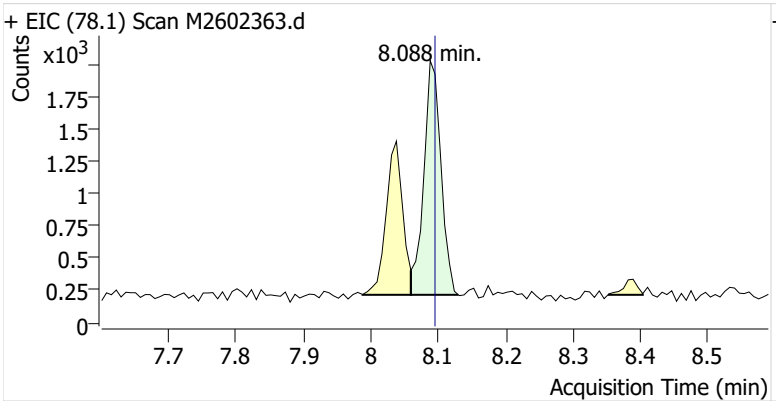
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	287,737	
Benzene	Benzene-d6 (IS)	8.088	8.095	3,199	
Toluene-d8 (IS)		10.717	10.724	312,508	
Toluene	Toluene-d8 (IS)	10.817	10.817	5,492	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	429	
m-/p-Xylenes	Toluene-d8 (IS)	13.167	13.181	481	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	128	

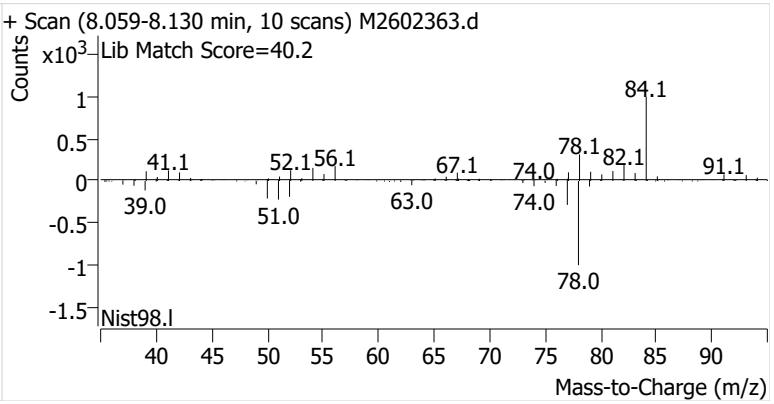
Benzene-d6 (IS)



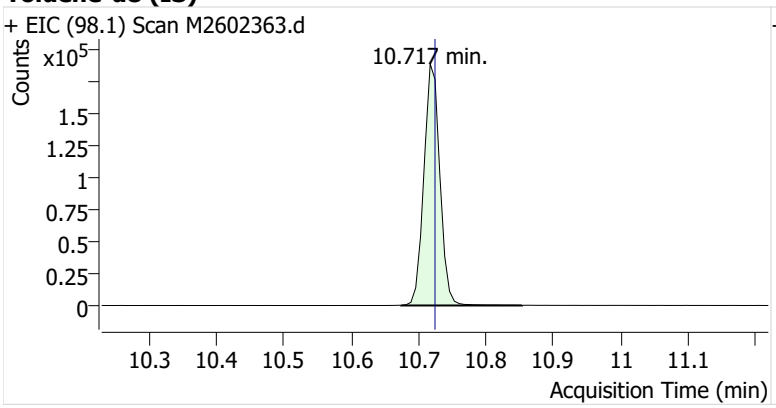


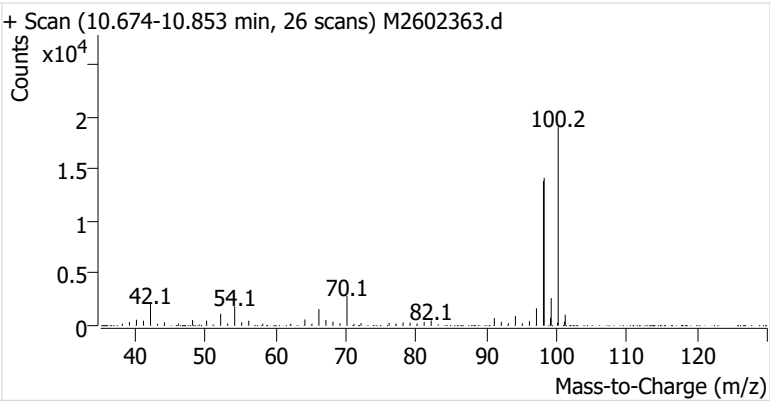
Benzene



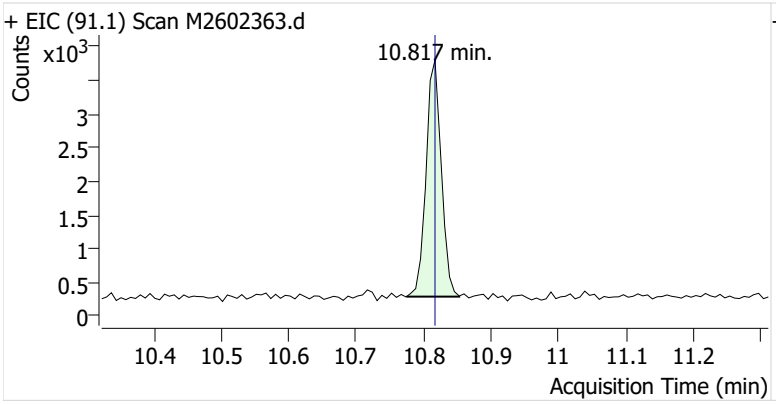


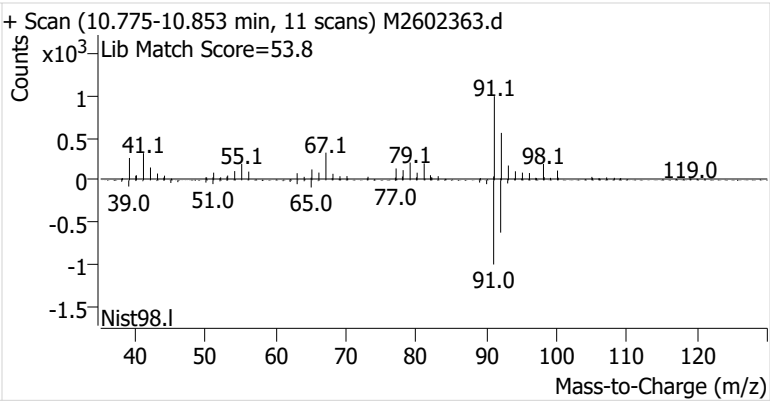
Toluene-d8 (IS)



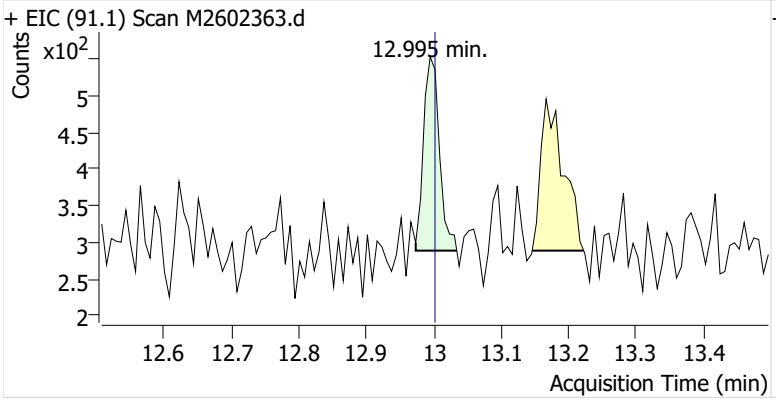


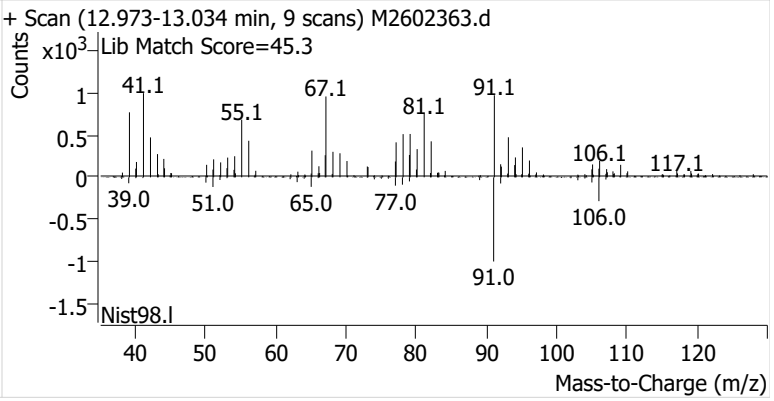
Toluene



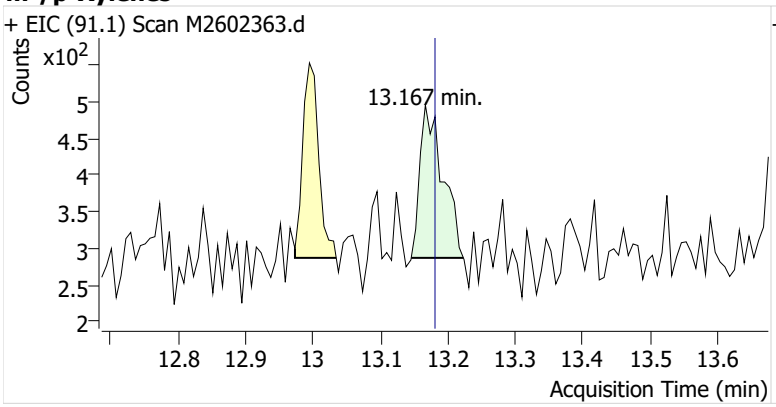


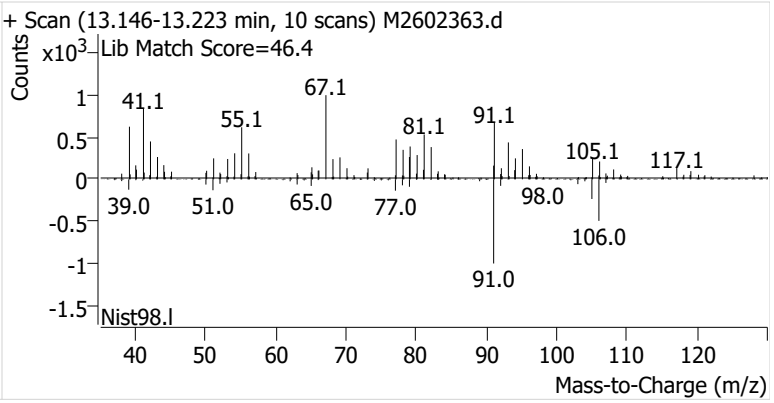
Ethylbenzene



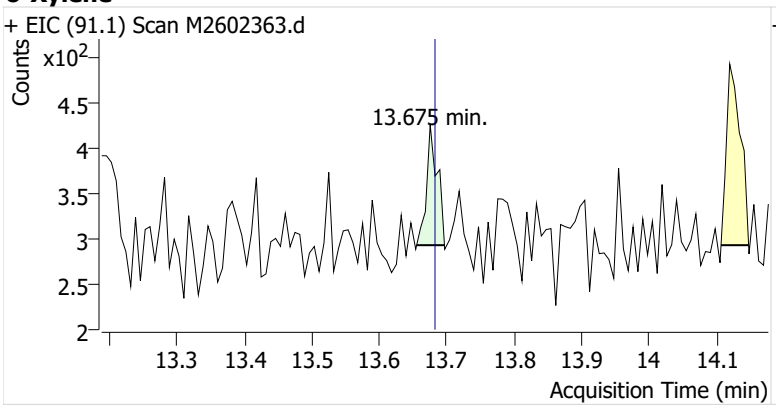


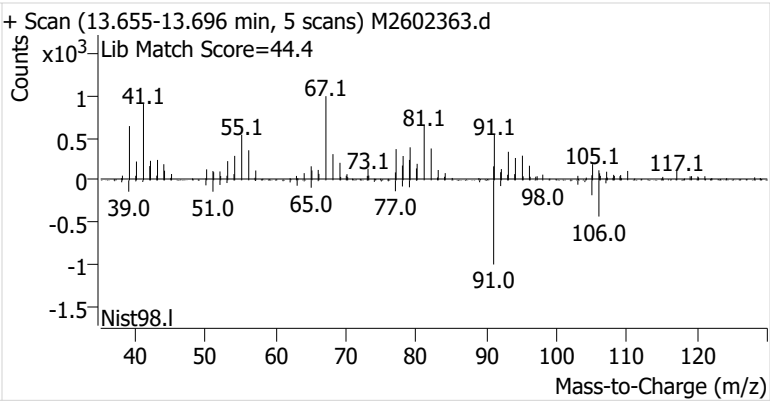
m-/p-Xylenes





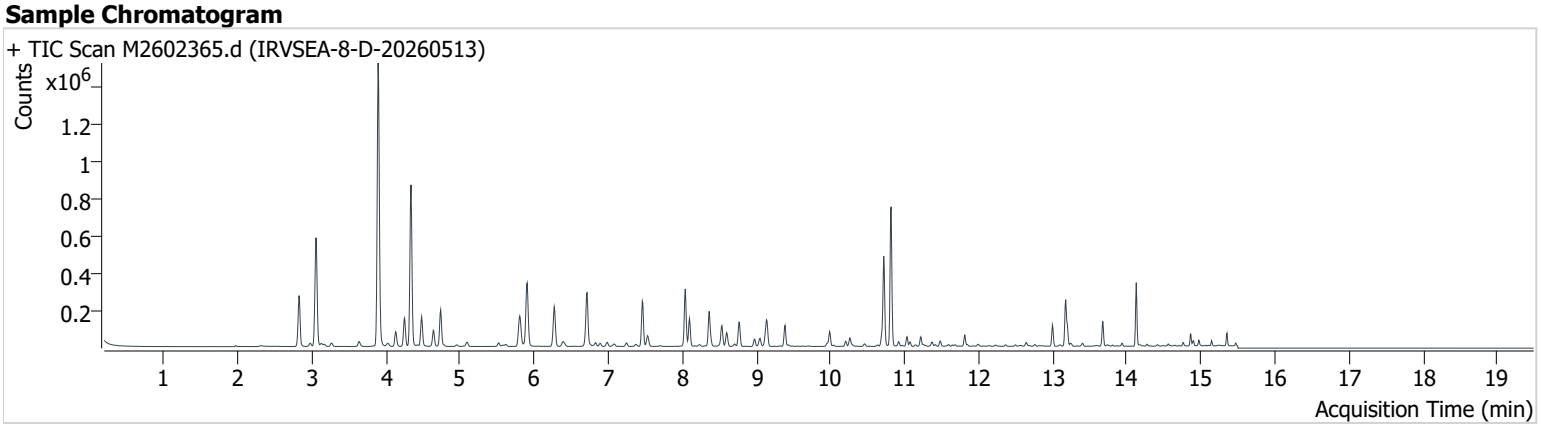
o-Xylene


+ EIC (91.1) Scan M2602363.d
Counts
x10^2
4.5
4
3.5
3
2.5
2
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.655-13.696 min, 5 scans) M2602363.d
Lib Match Score=44.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
73.1
81.1
91.1
105.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

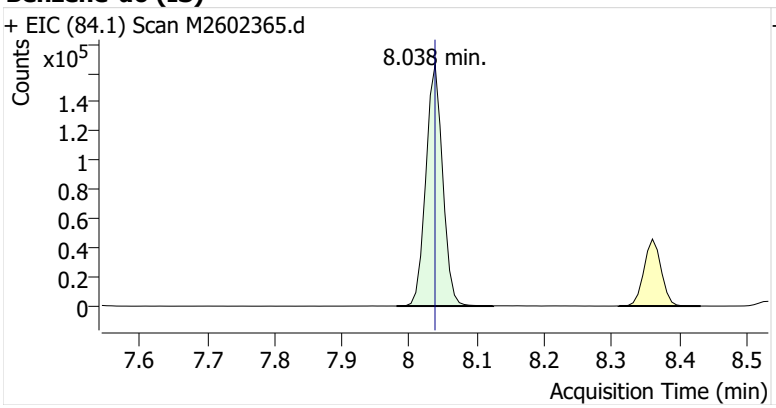
Name	IRVSEA-8-D-20260513
Comment	C36983
Data File	M2602365.d
Acq. Date-Time	5/29/2026 1:47:28 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

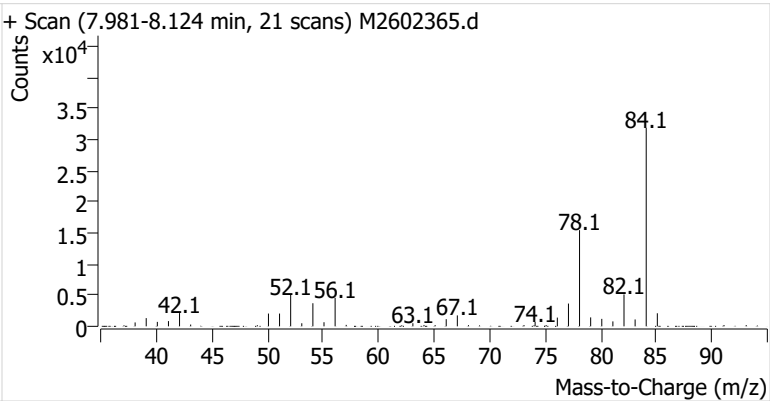
Sample Chromatogram



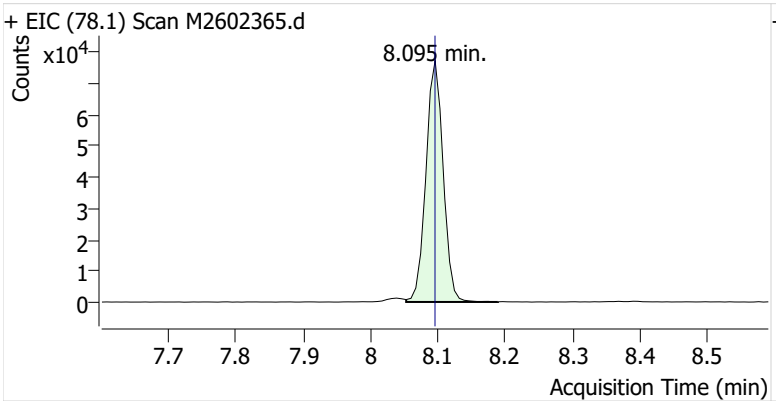
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	286,871	
Benzene	Benzene-d6 (IS)	8.095	8.095	136,729	
Toluene-d8 (IS)		10.717	10.724	315,176	
Toluene	Toluene-d8 (IS)	10.817	10.817	524,685	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	78,241	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	194,768	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	74,792	

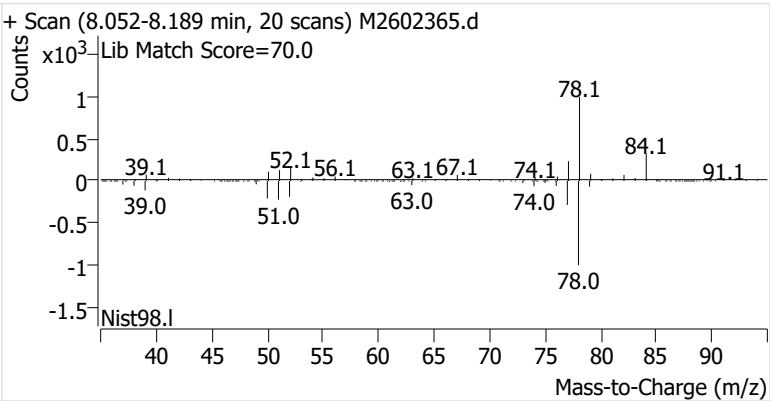
Benzene-d6 (IS)



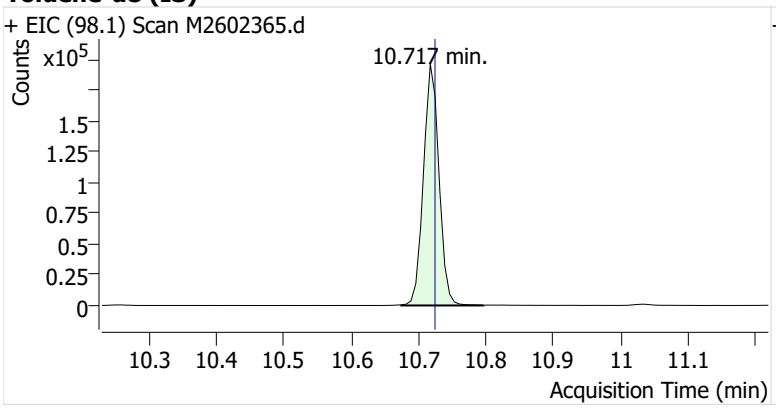


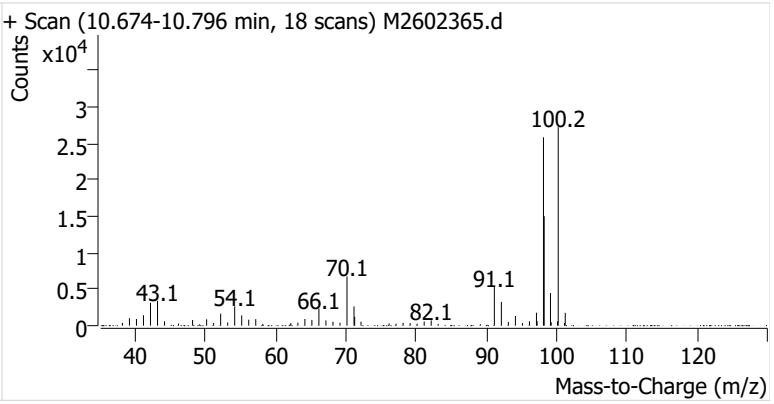
Benzene



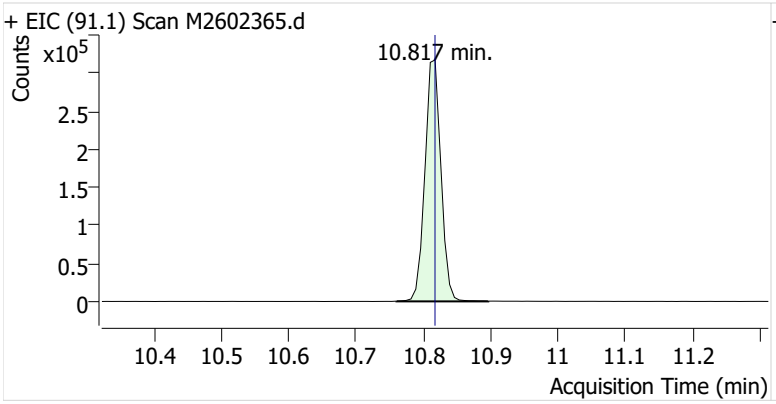


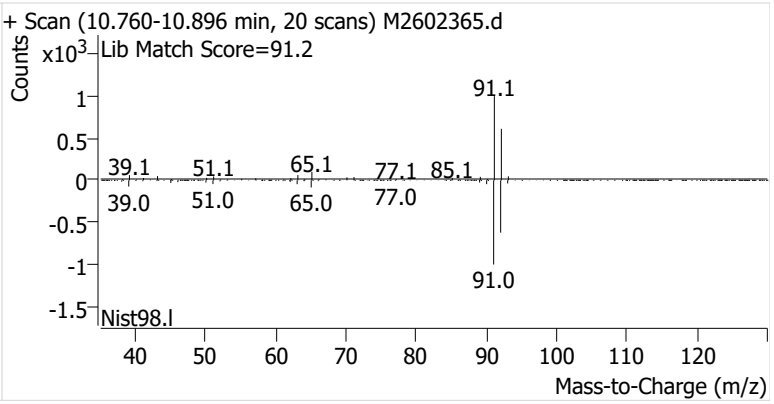
Toluene-d8 (IS)



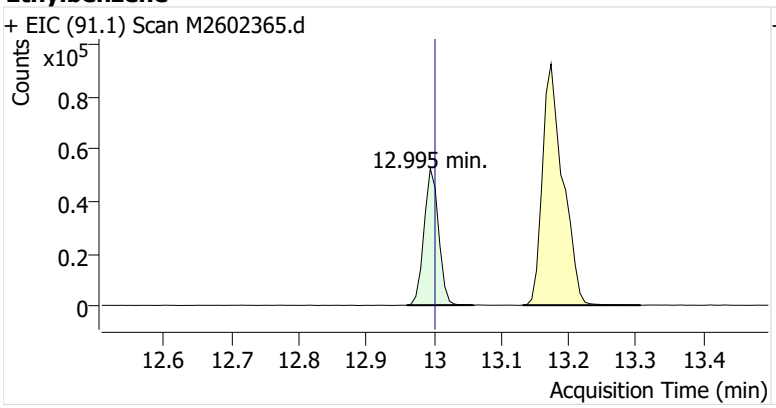


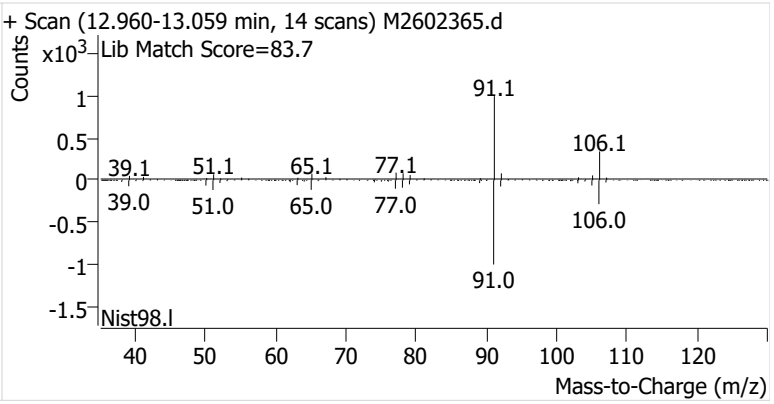
Toluene



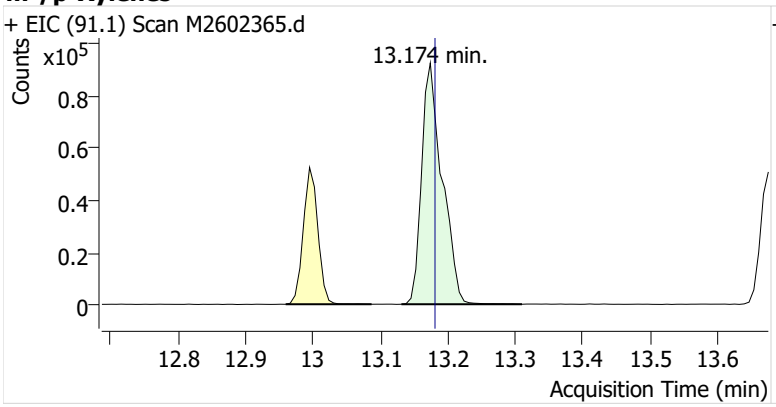


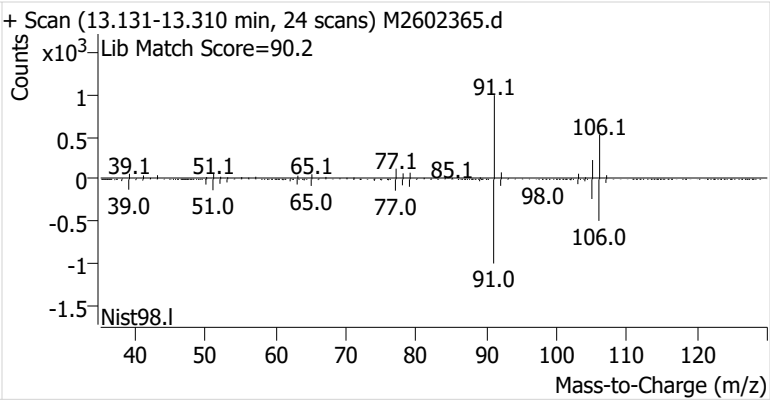
Ethylbenzene



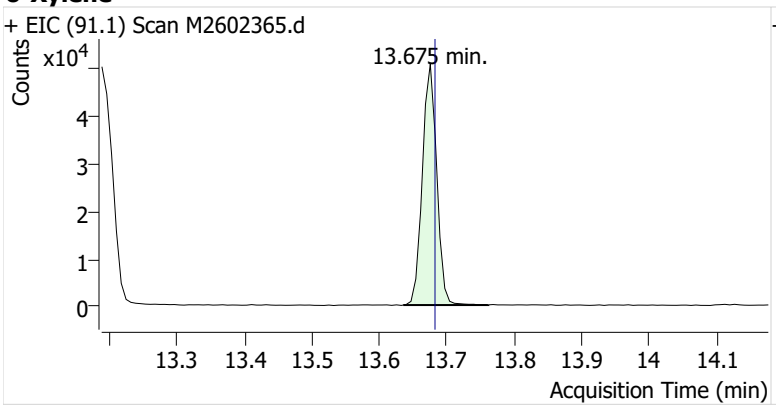


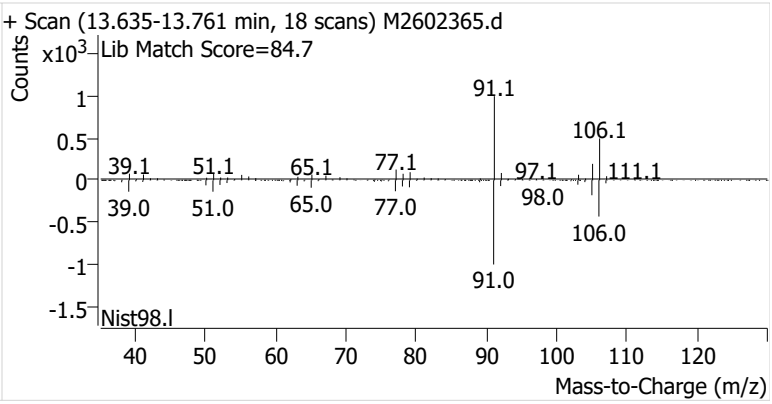
m-/p-Xylenes





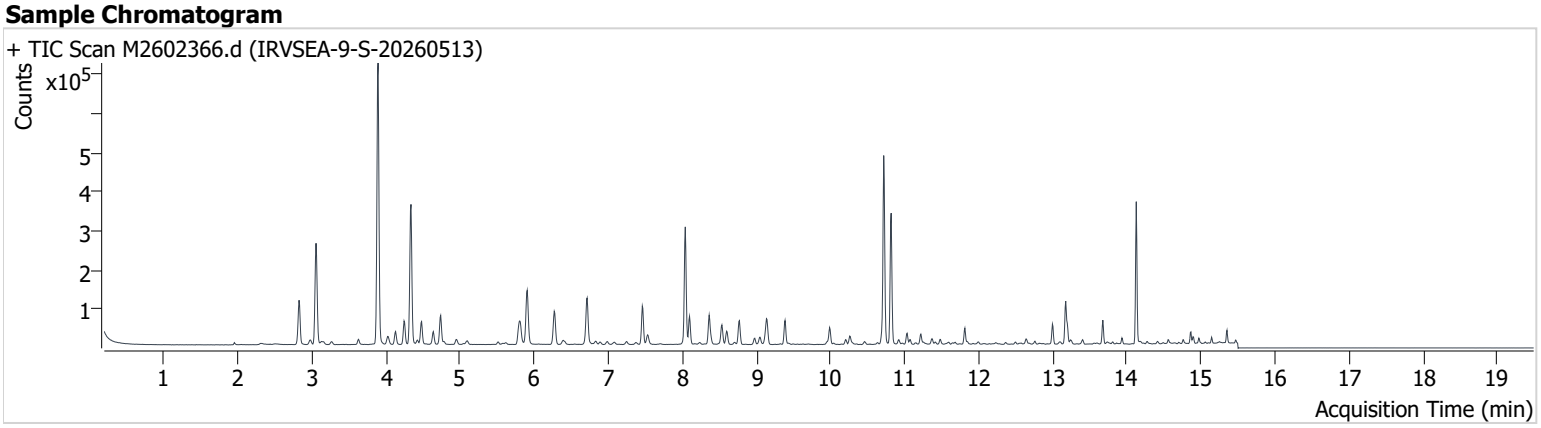
o-Xylene


+ EIC (91.1) Scan M2602365.d
Counts
x10^4
13.675 min.
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.635-13.761 min, 18 scans) M2602365.d
Counts
x10^3
Lib Match Score=84.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

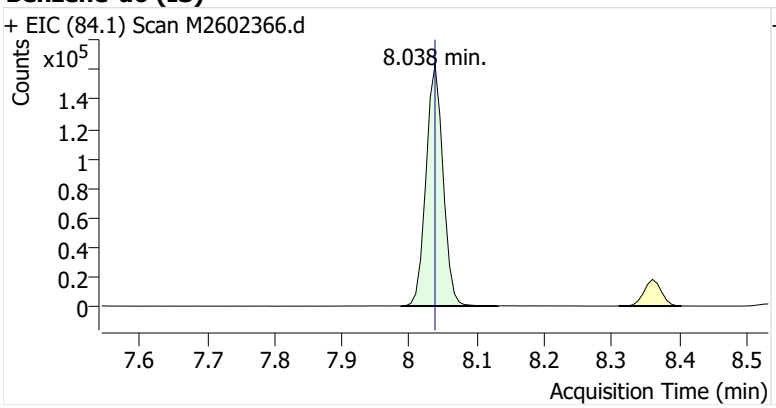
Name	IRVSEA-9-S-20260513
Comment	C31426
Data File	M2602366.d
Acq. Date-Time	5/29/2026 2:13:40 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

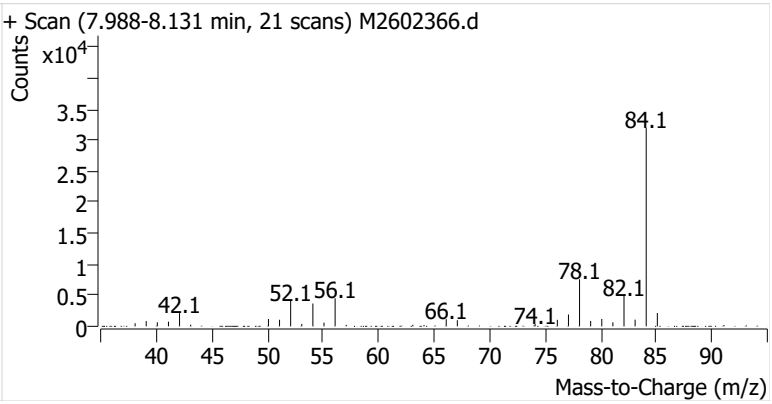
Sample Chromatogram



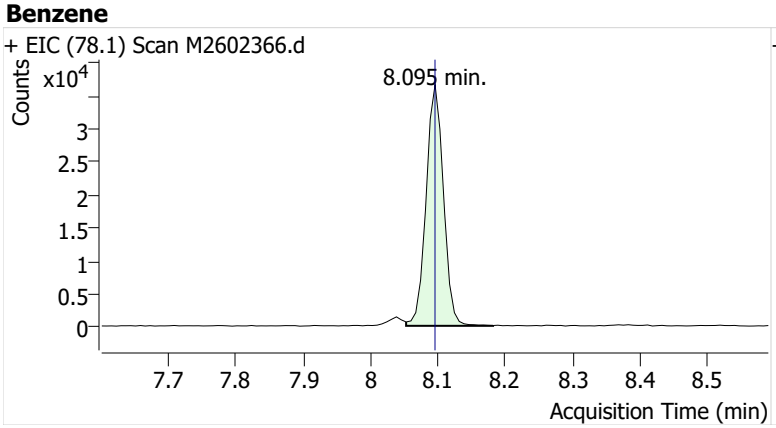
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	287,430	
Benzene	Benzene-d6 (IS)	8.095	8.095	65,198	
Toluene-d8 (IS)		10.717	10.724	316,151	
Toluene	Toluene-d8 (IS)	10.817	10.817	232,873	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	36,040	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	83,765	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	32,443	

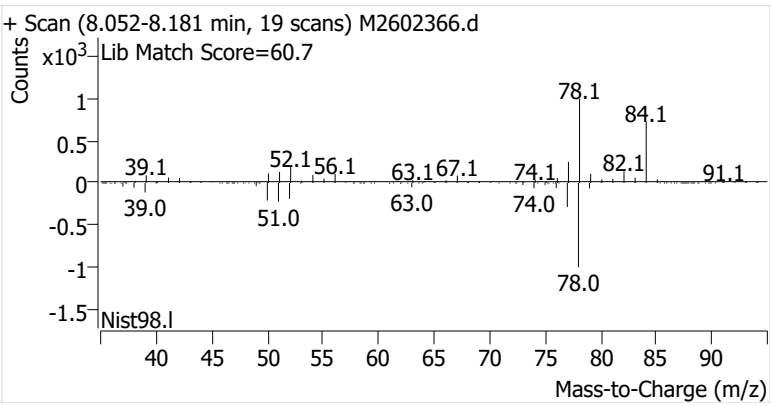
Benzene-d6 (IS)



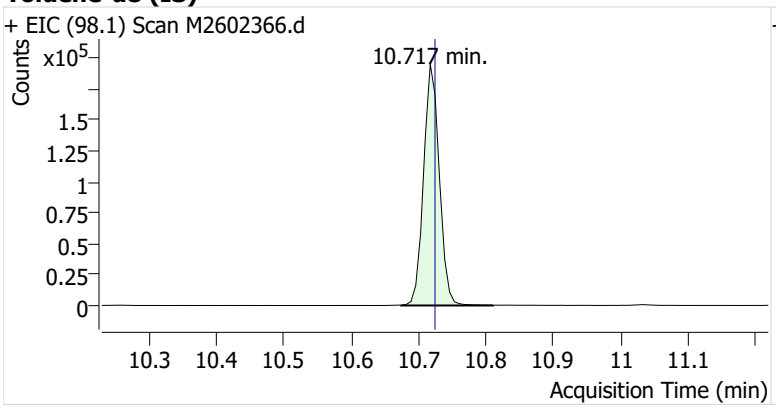


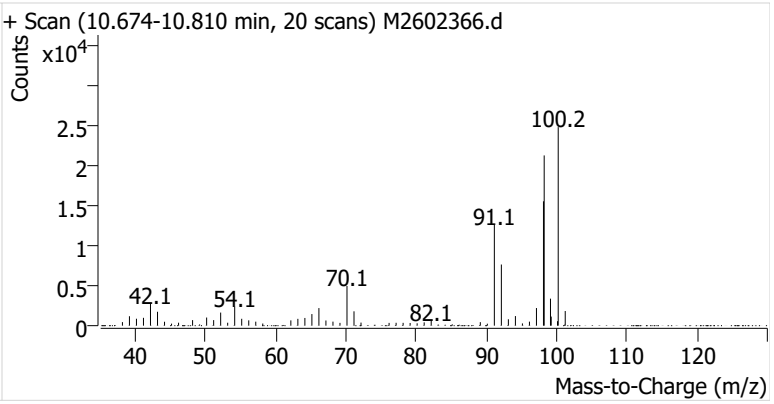
Benzene



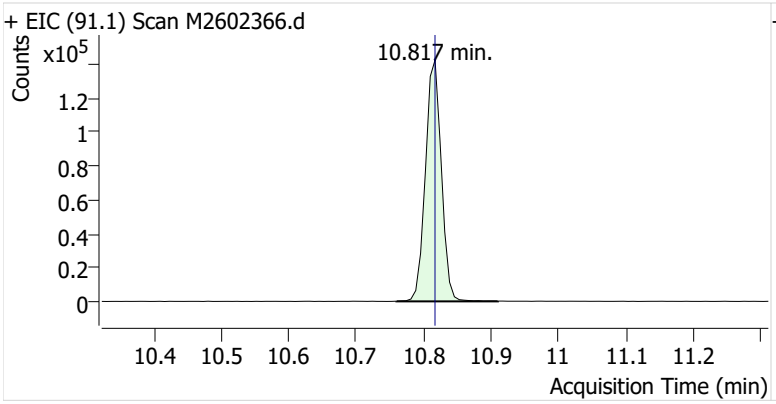


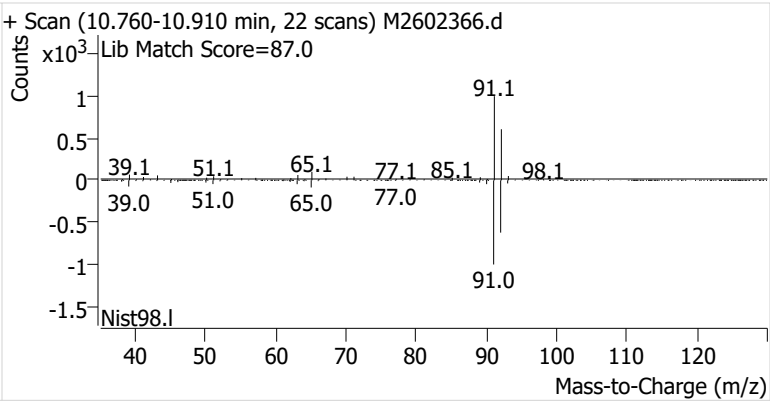
Toluene-d8 (IS)



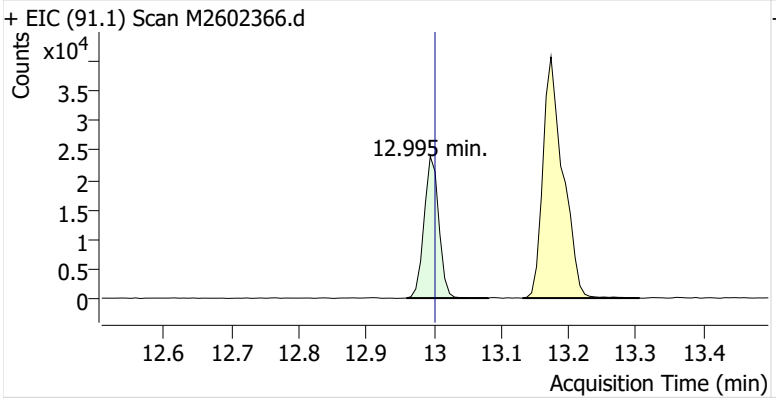


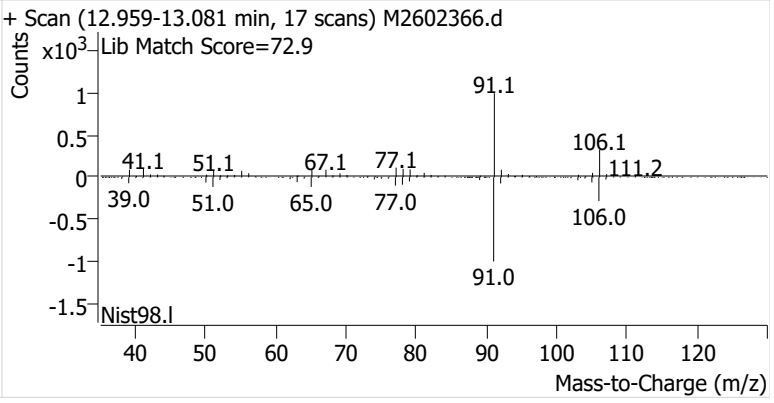
Toluene



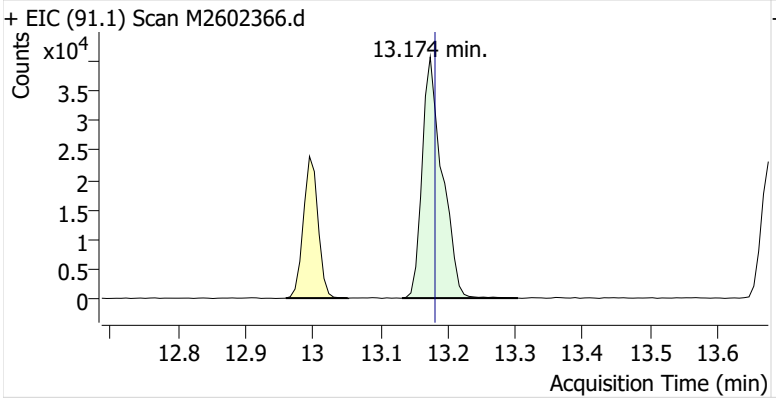


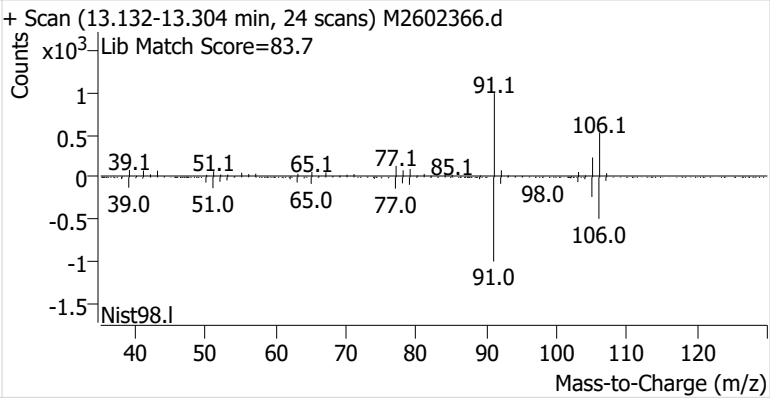
Ethylbenzene



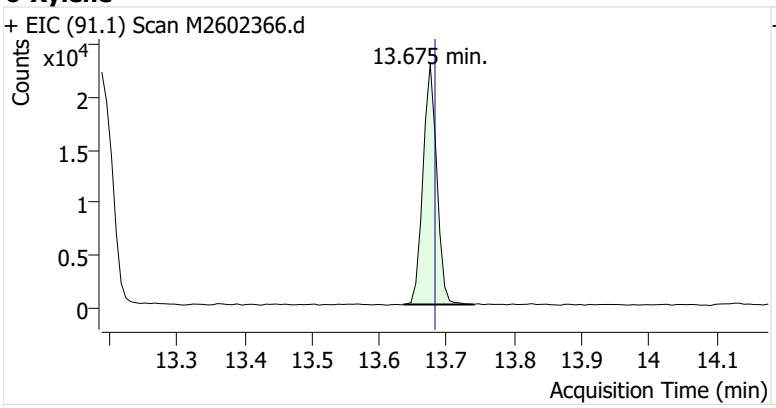


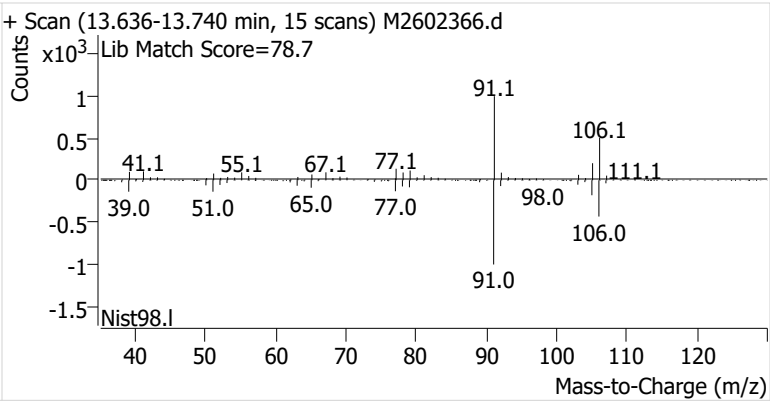
m-/p-Xylenes





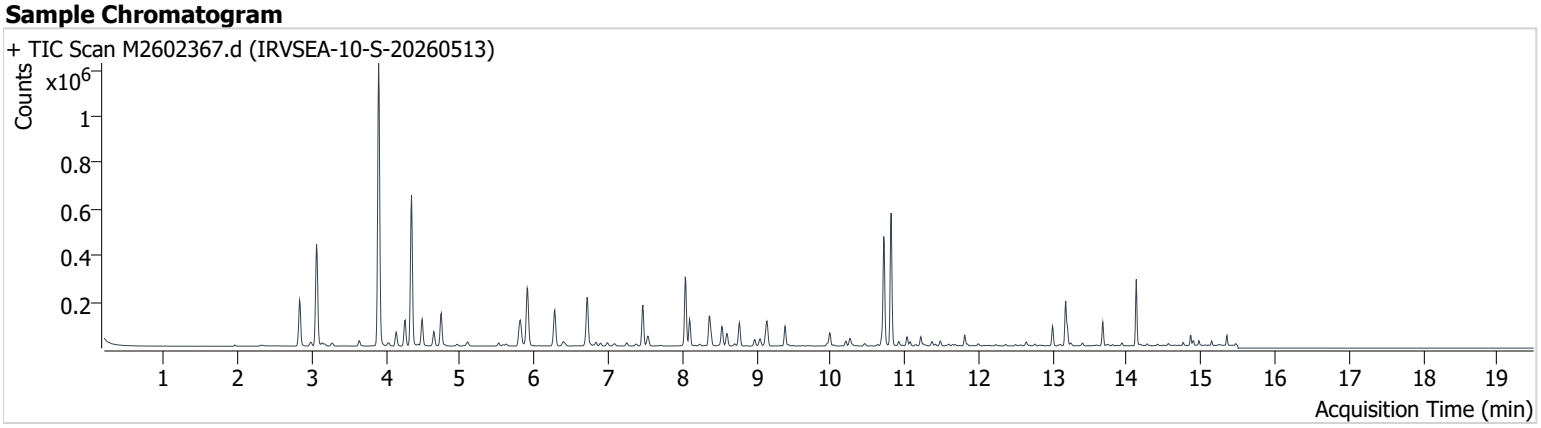
o-Xylene


+ EIC (91.1) Scan M2602366.d
Counts
x10^4
13.675 min.
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.636-13.740 min, 15 scans) M2602366.d
Counts
x10^3
Lib Match Score=78.7
91.1
106.1
41.1
55.1
67.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

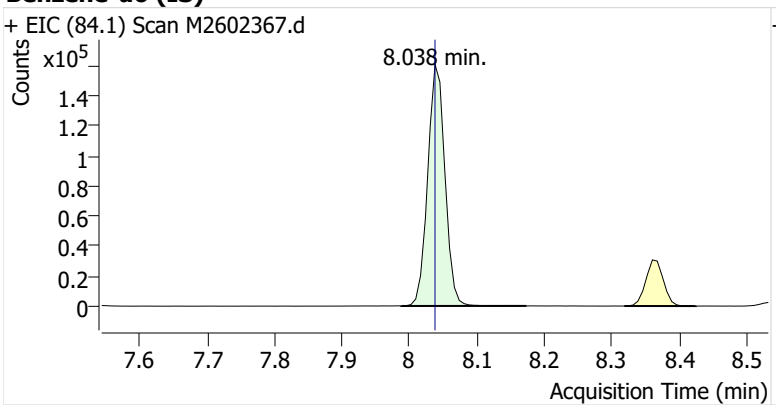
Name	IRVSEA-10-S-20260513
Comment	C32703
Data File	M2602367.d
Acq. Date-Time	5/29/2026 2:39:44 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

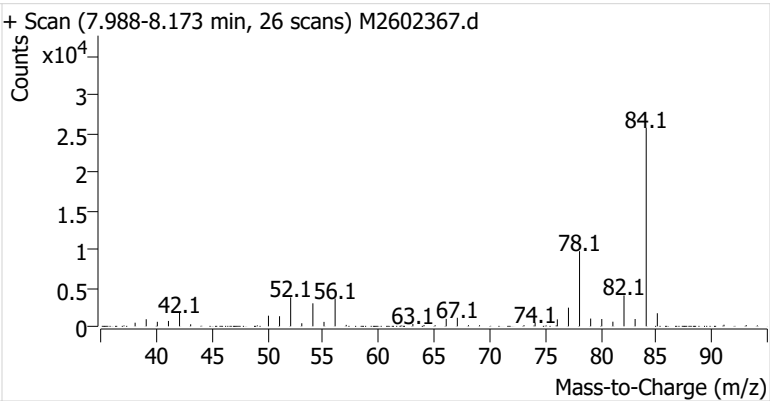
Sample Chromatogram



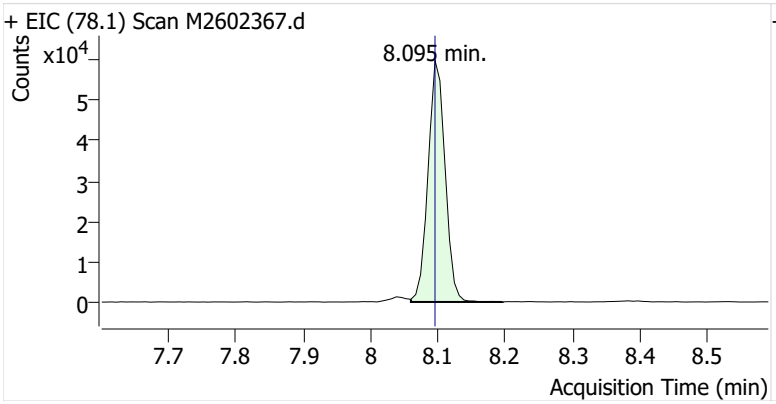
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	285,551	
Benzene	Benzene-d6 (IS)	8.095	8.095	104,504	
Toluene-d8 (IS)		10.717	10.724	311,246	
Toluene	Toluene-d8 (IS)	10.817	10.817	393,099	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	60,025	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	145,352	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	56,470	

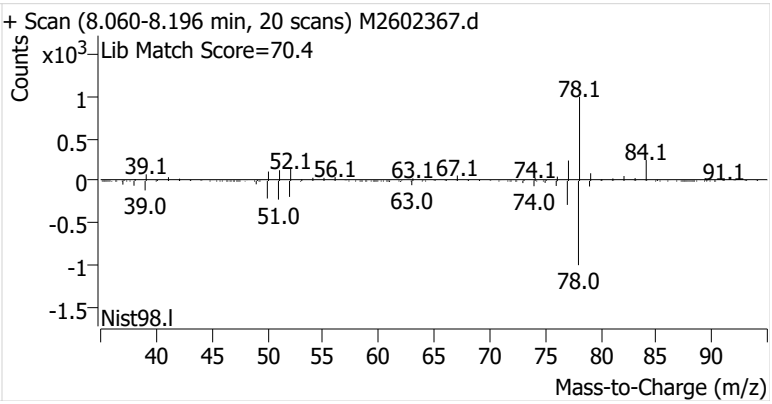
Benzene-d6 (IS)



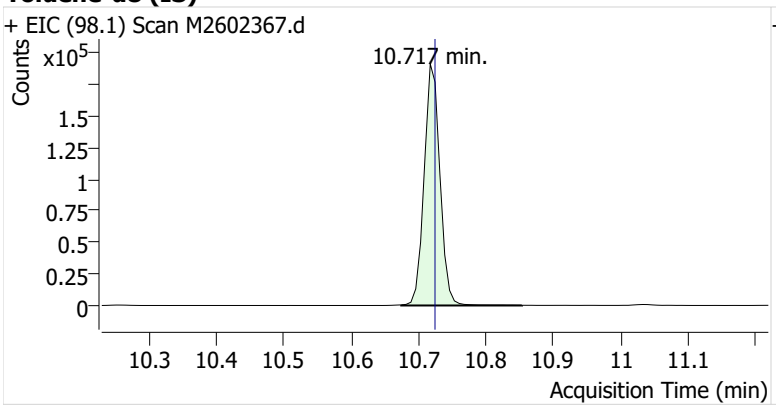


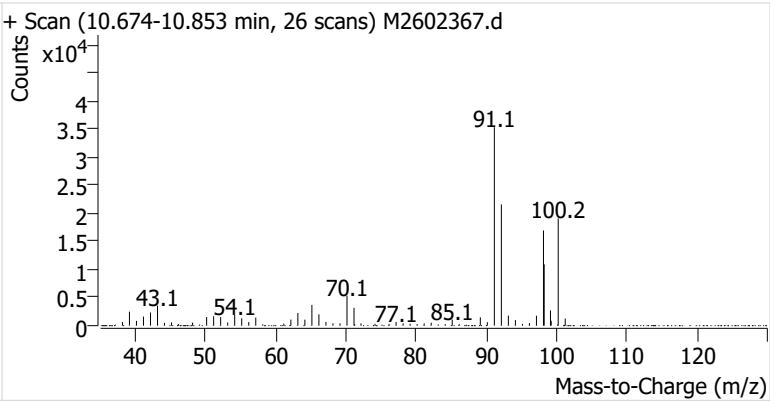
Benzene



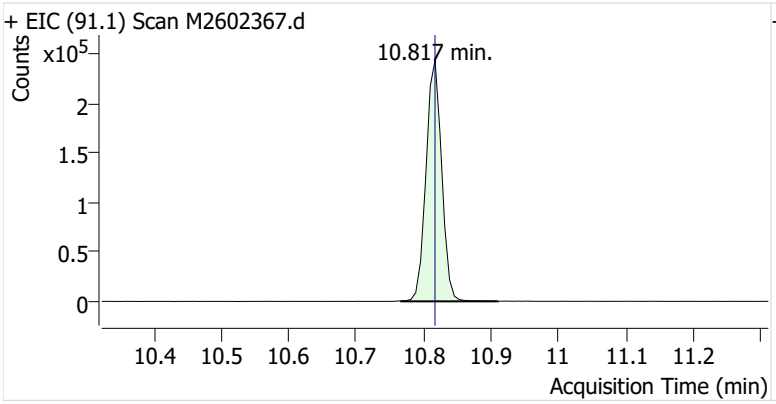


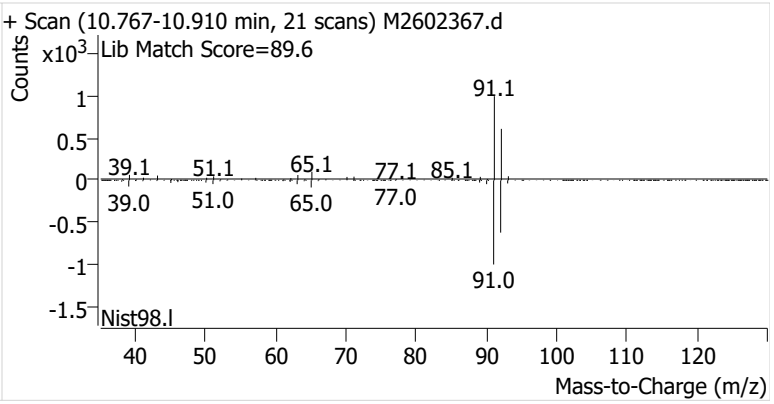
Toluene-d8 (IS)



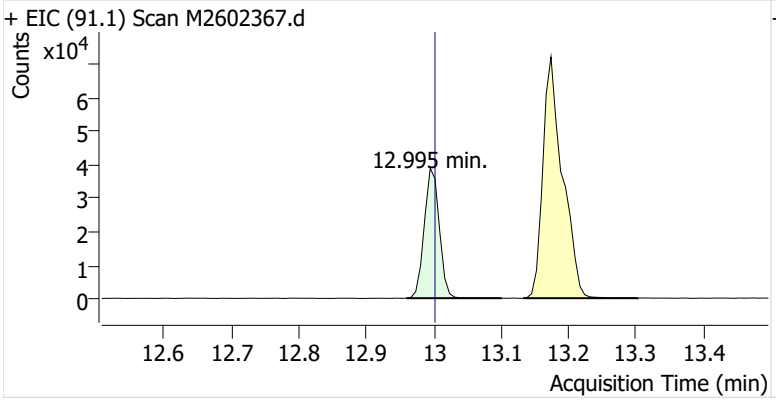


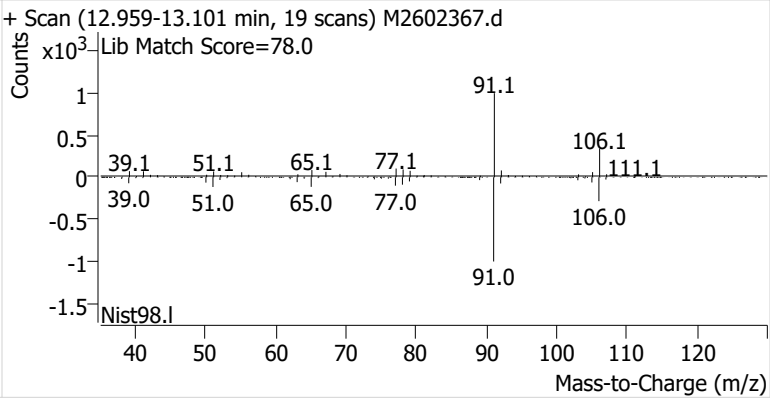
Toluene



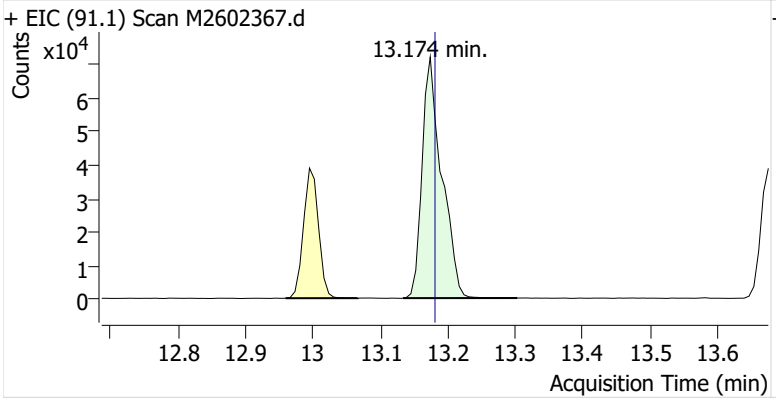


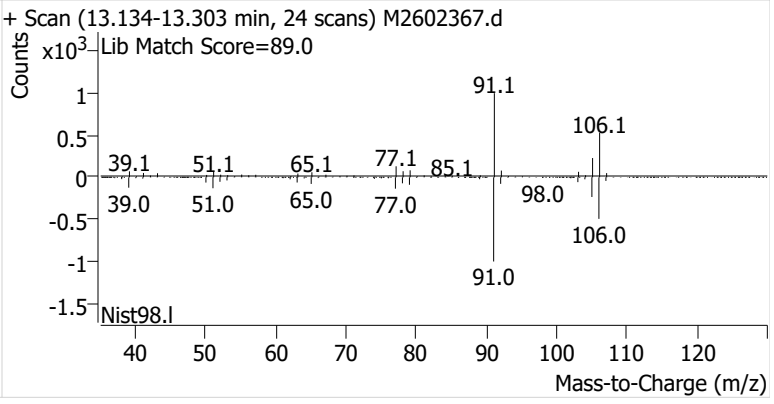
Ethylbenzene



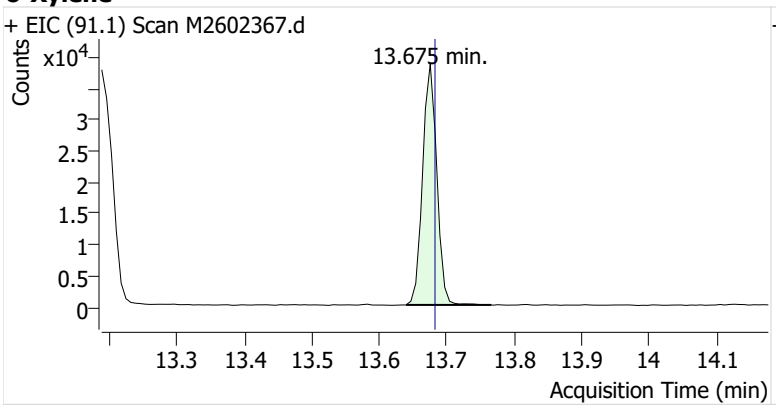


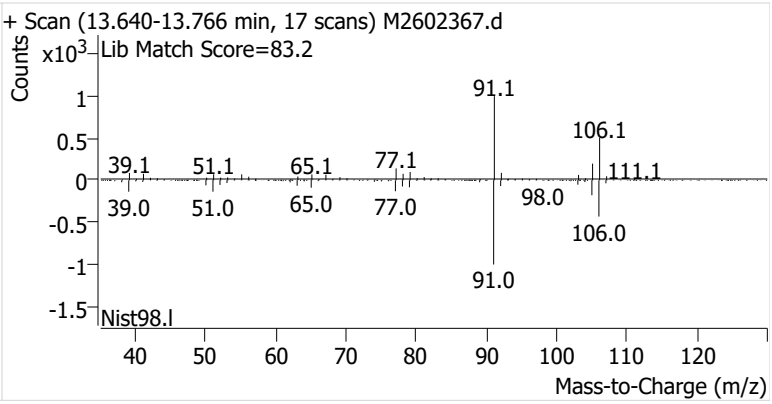
m-/p-Xylenes





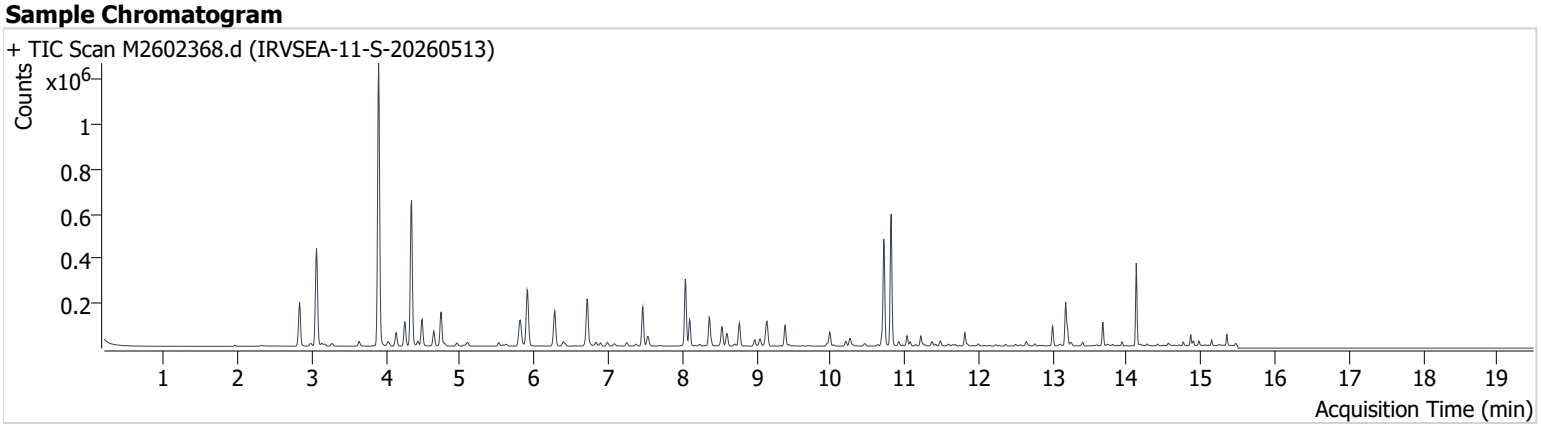
o-Xylene


+ EIC (91.1) Scan M2602367.d
Counts
x10^4
13.675 min.
3
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.766 min, 17 scans) M2602367.d
Counts
x10^3
Lib Match Score=83.2
91.1
106.1
111.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

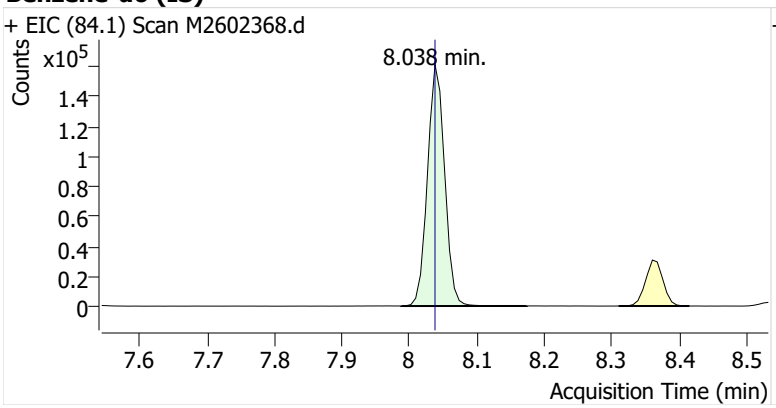
Name	IRVSEA-11-S-20260513
Comment	B53216
Data File	M2602368.d
Acq. Date-Time	5/29/2026 3:05:53 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

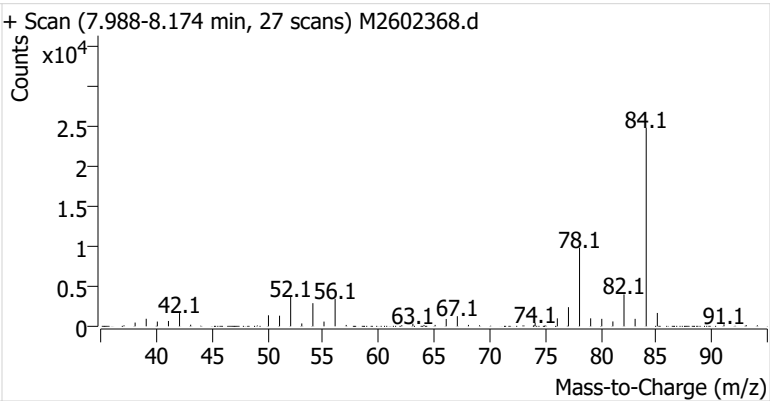
Sample Chromatogram



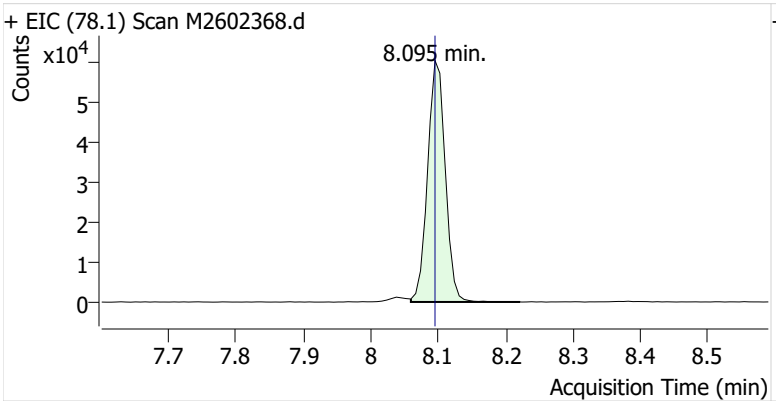
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	285,504	
Benzene	Benzene-d6 (IS)	8.095	8.095	109,119	
Toluene-d8 (IS)		10.717	10.724	315,668	
Toluene	Toluene-d8 (IS)	10.817	10.817	405,273	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	61,617	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	145,535	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	58,458	

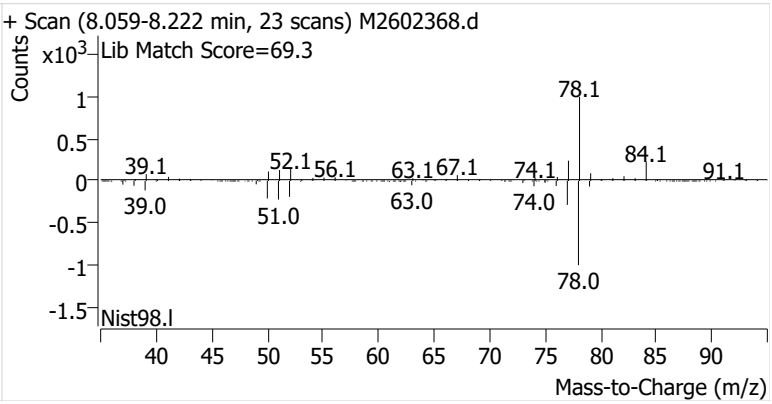
Benzene-d6 (IS)



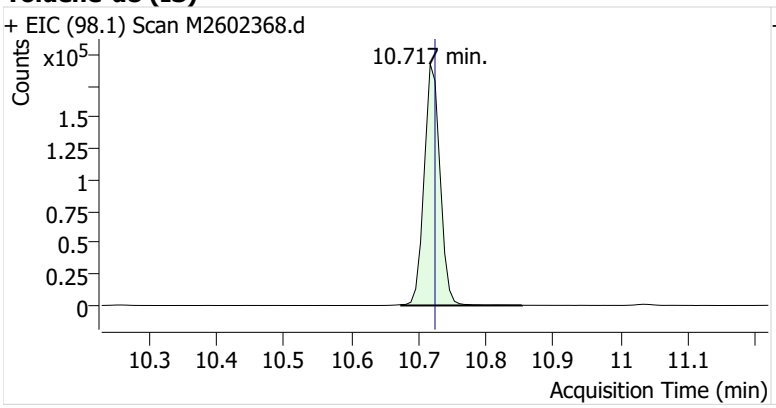


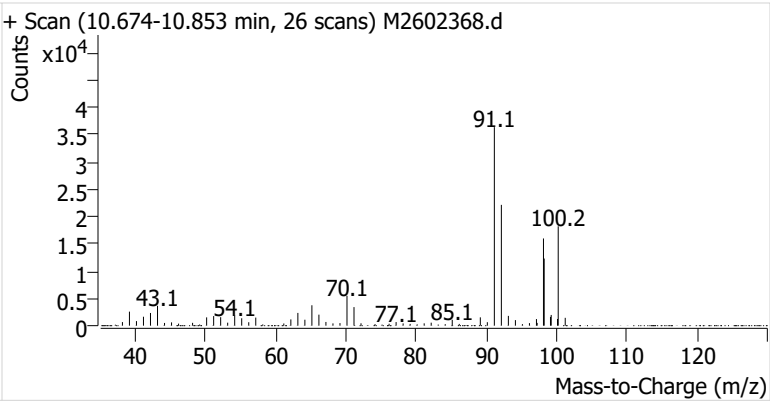
Benzene



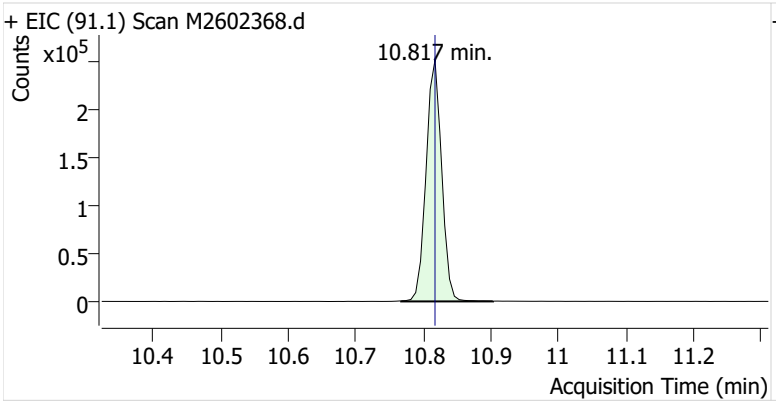


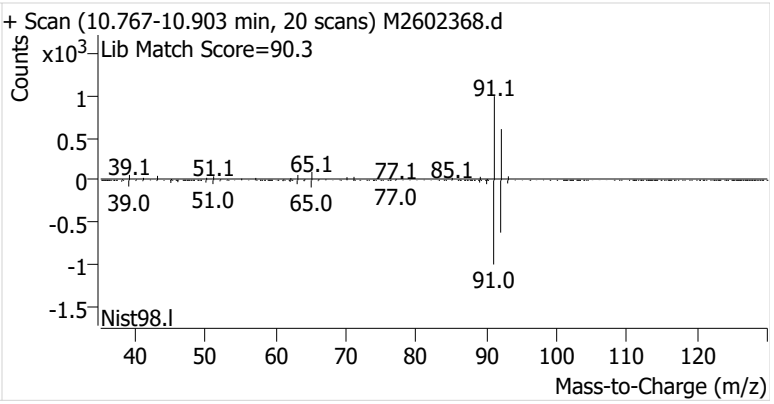
Toluene-d8 (IS)



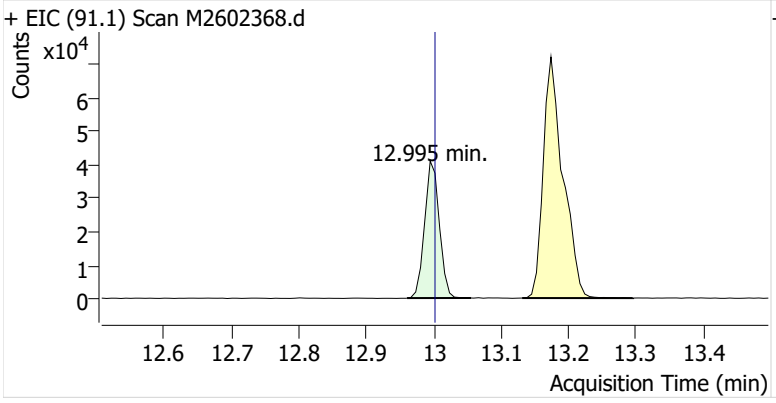


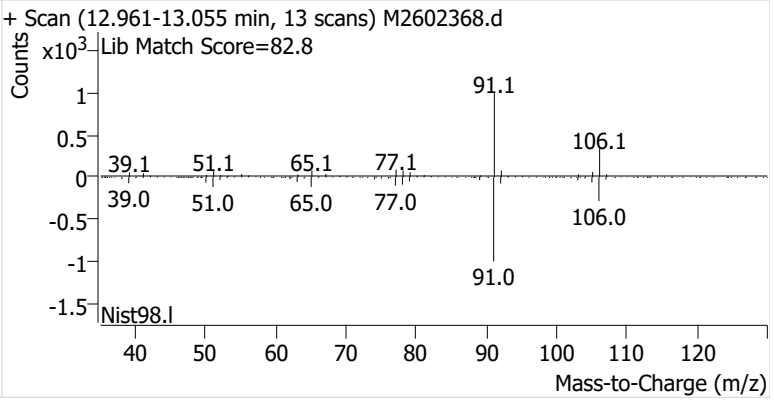
Toluene



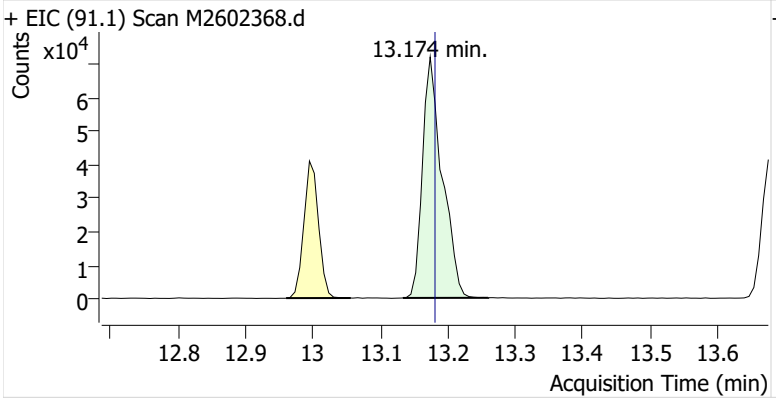


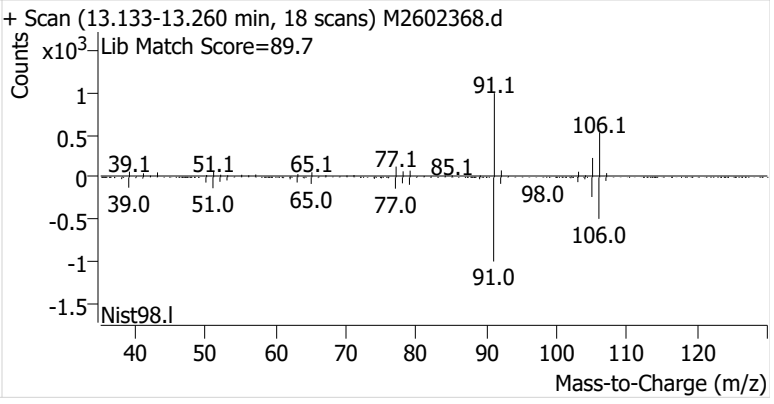
Ethylbenzene



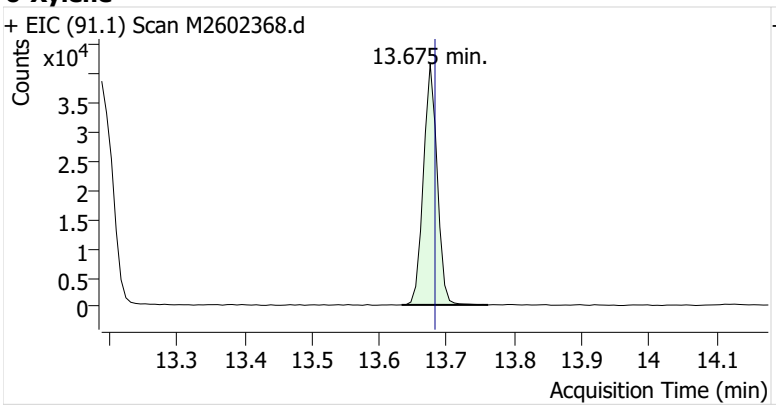


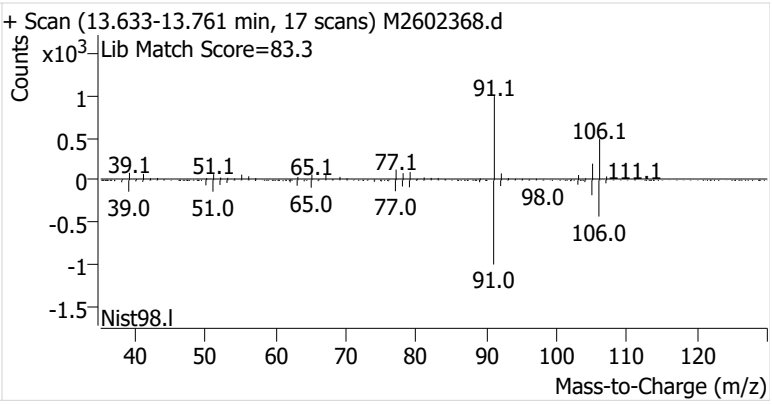
m-/p-Xylenes





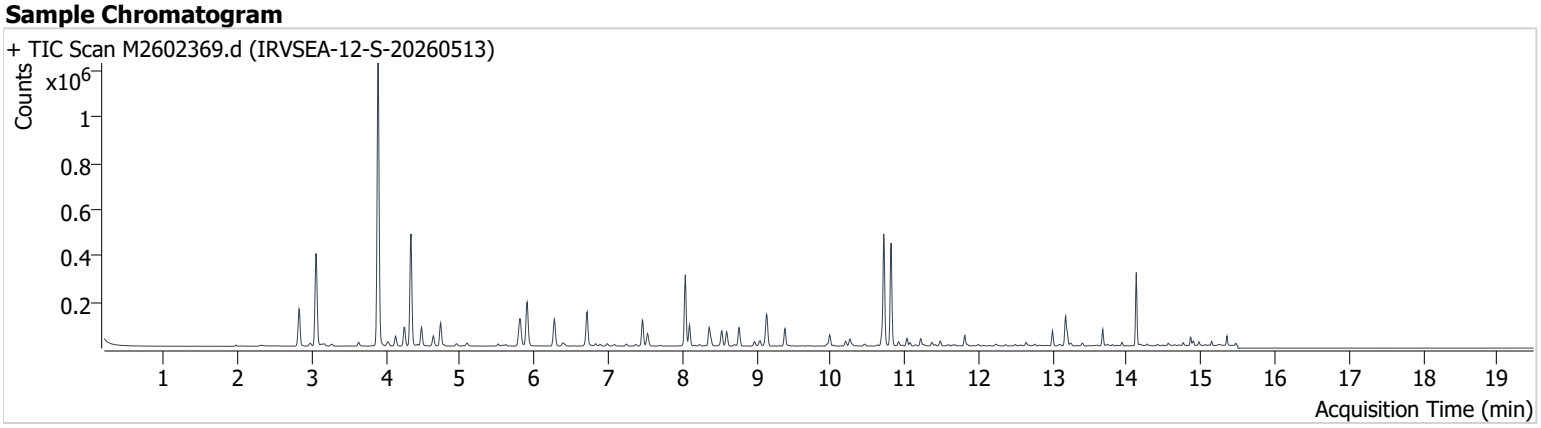
o-Xylene


+ EIC (91.1) Scan M2602368.d
Counts
x10^4
13.675 min.
3.5
3
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.633-13.761 min, 17 scans) M2602368.d
Counts
x10^3
Lib Match Score=83.3
91.1
106.1
111.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

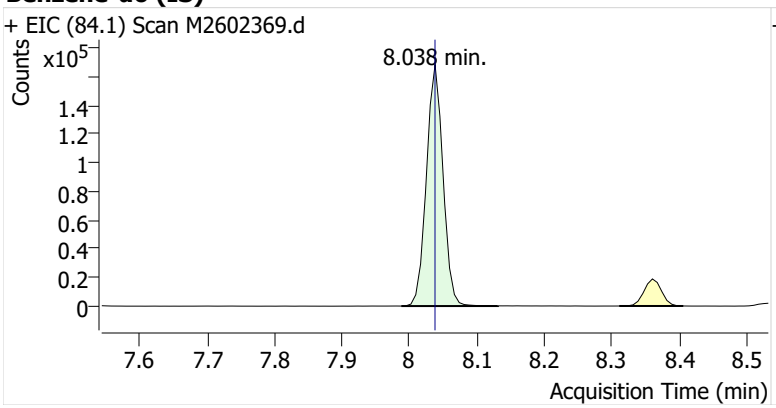
Name	IRVSEA-12-S-20260513
Comment	C36920
Data File	M2602369.d
Acq. Date-Time	5/29/2026 3:32:03 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

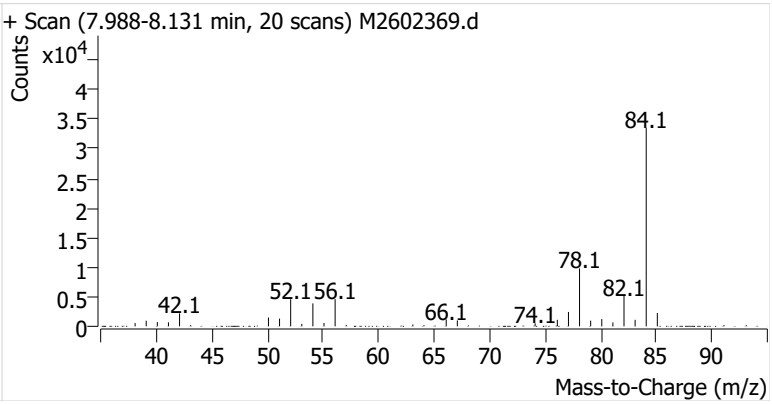
Sample Chromatogram



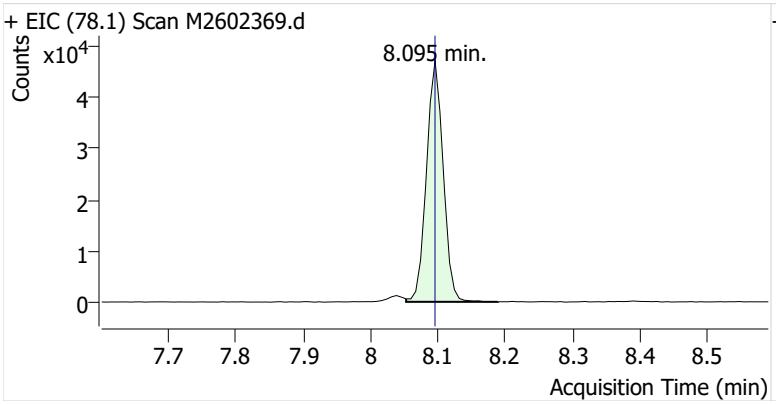
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	287,369	
Benzene	Benzene-d6 (IS)	8.095	8.095	80,757	
Toluene-d8 (IS)		10.717	10.724	317,167	
Toluene	Toluene-d8 (IS)	10.817	10.817	294,160	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	44,232	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	100,111	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	38,870	

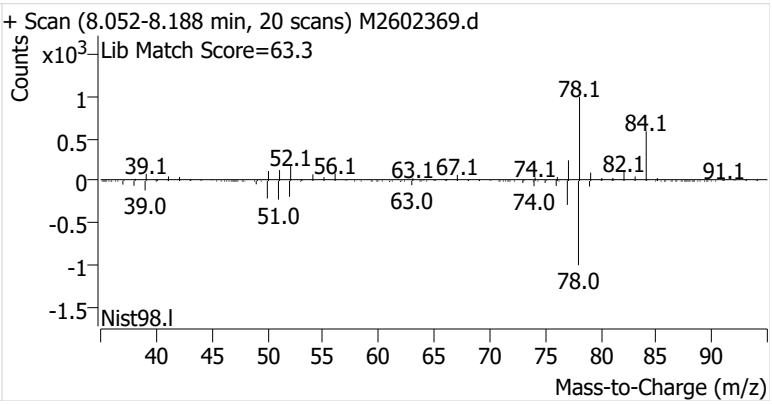
Benzene-d6 (IS)



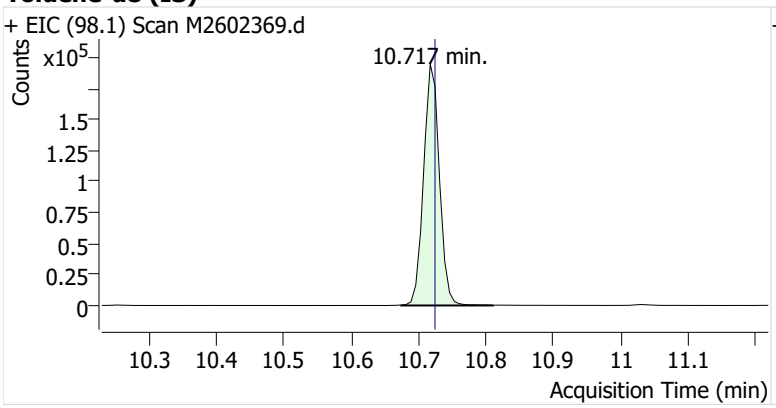


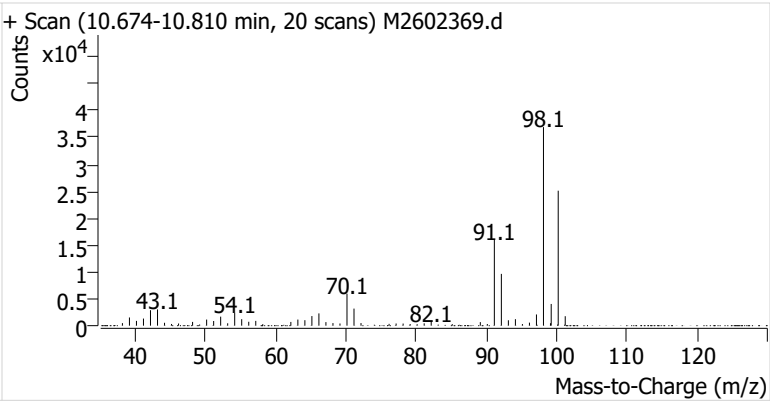
Benzene



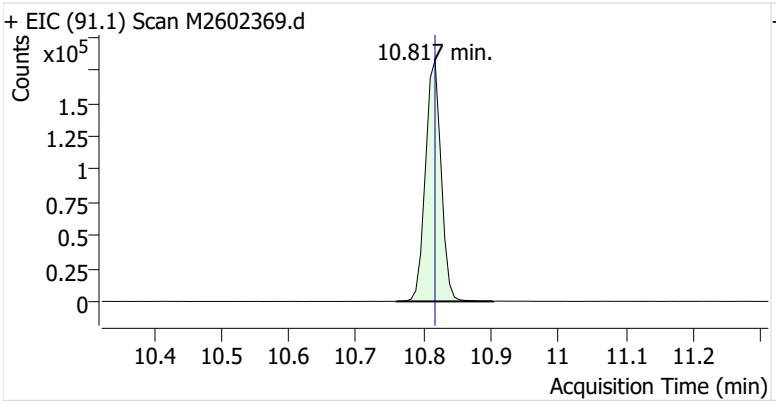


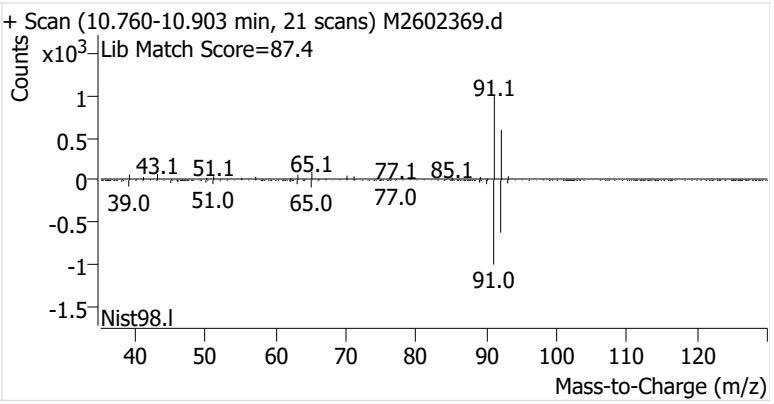
Toluene-d8 (IS)



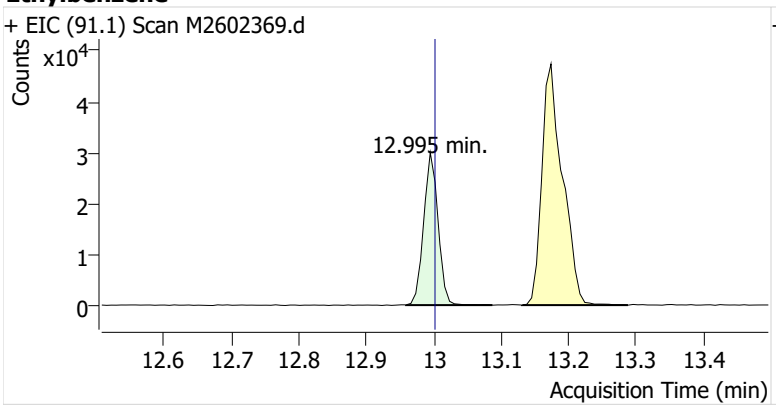


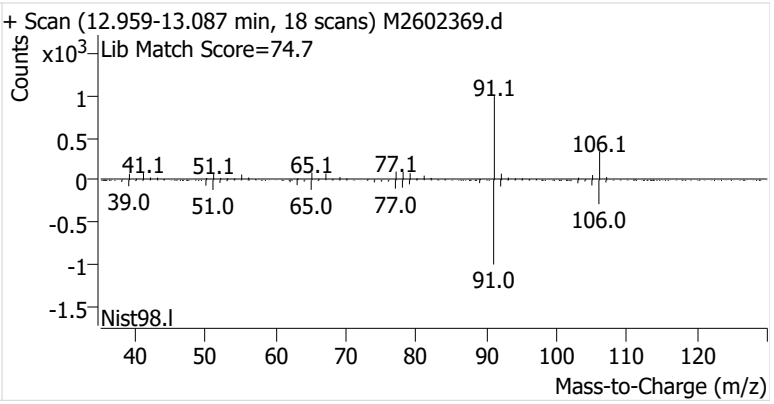
Toluene



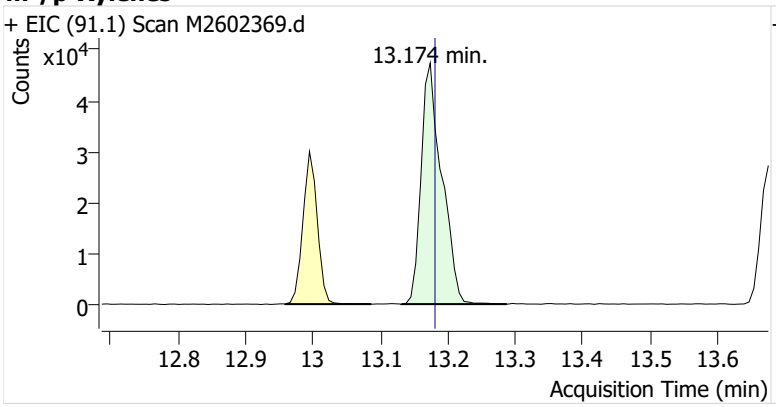


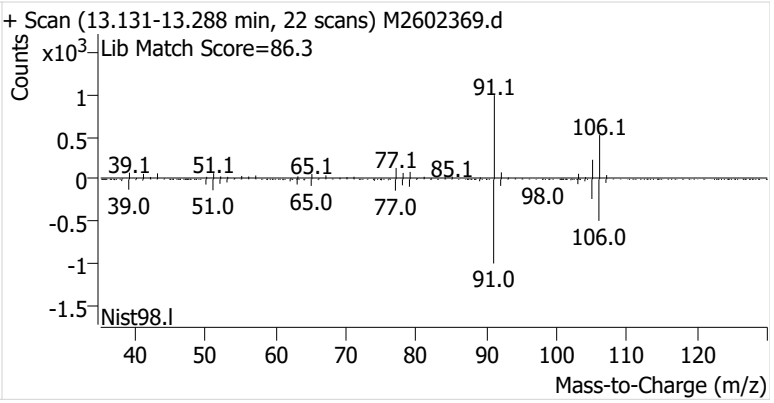
Ethylbenzene



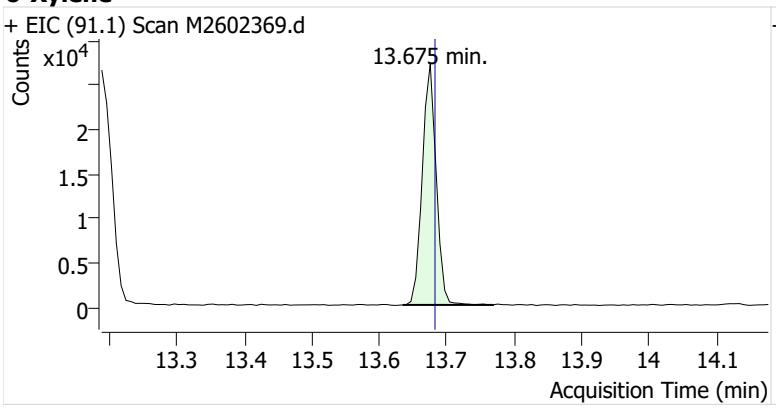


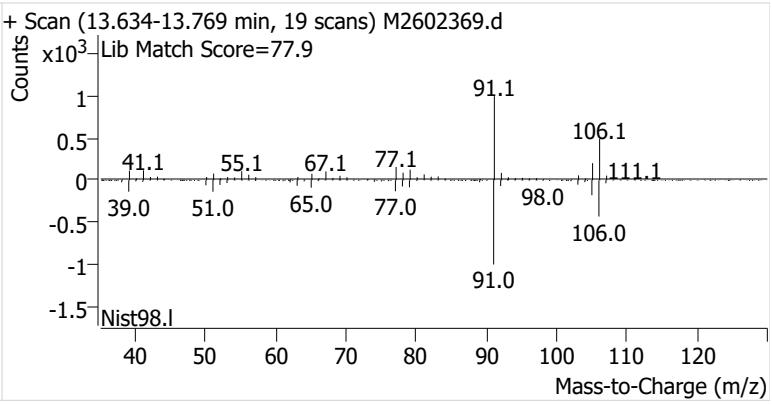
m-/p-Xylenes





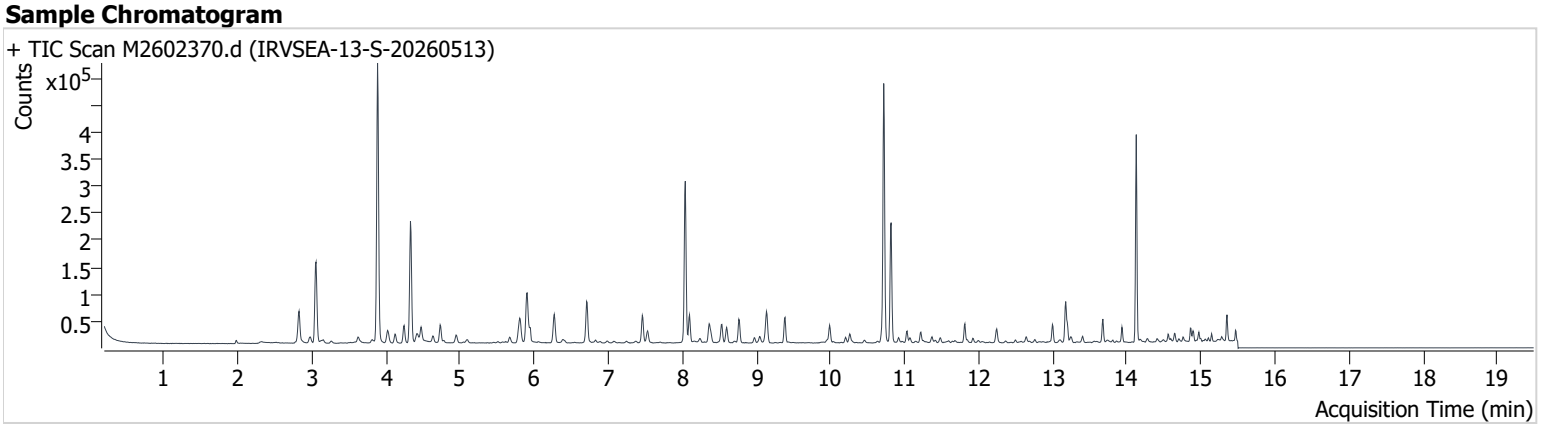
o-Xylene


+ EIC (91.1) Scan M2602369.d
Counts
x10^4
13.675 min.
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.634-13.769 min, 19 scans) M2602369.d
Counts
x10^3
Lib Match Score=77.9
91.1
106.1
41.1
55.1
67.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

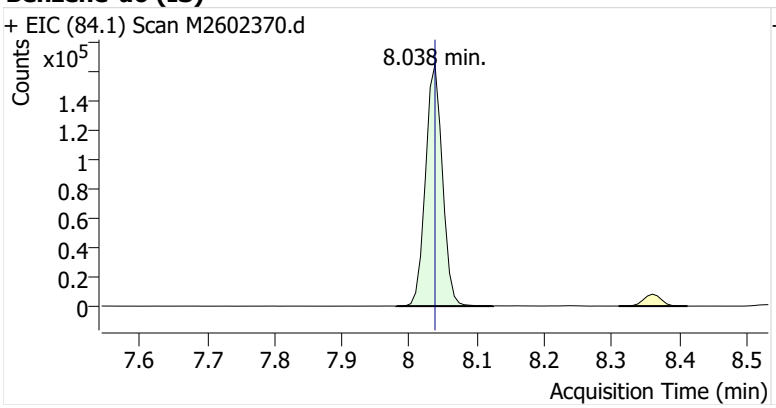
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Comment	C70028
Data File	M2602370.d
Acq. Date-Time	5/29/2026 3:58:37 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

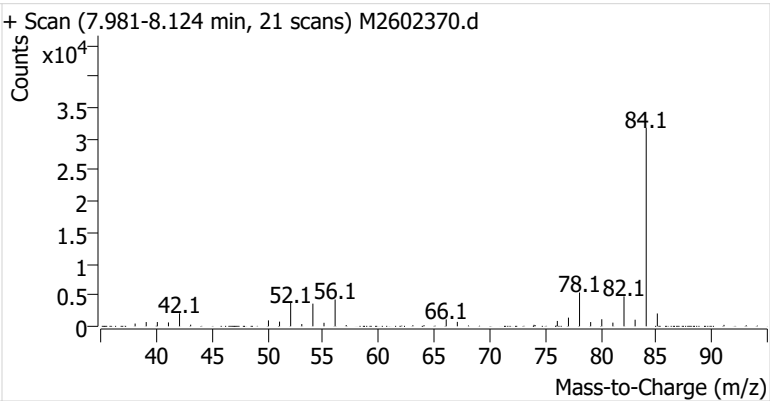
Sample Chromatogram



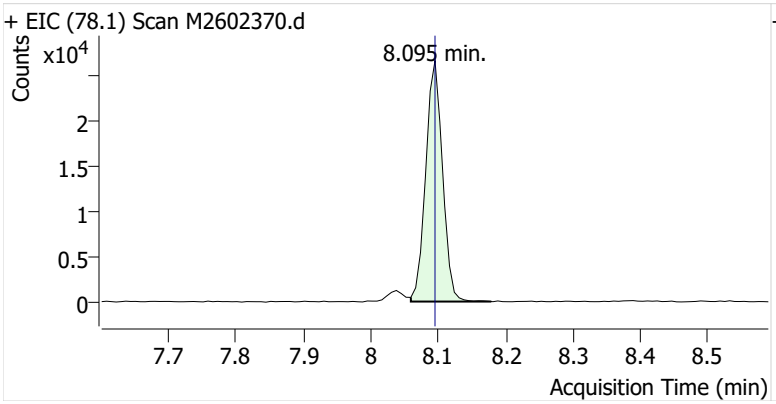
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	286,069	
Benzene	Benzene-d6 (IS)	8.095	8.095	45,580	
Toluene-d8 (IS)		10.717	10.724	311,137	
Toluene	Toluene-d8 (IS)	10.810	10.817	151,463	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	22,877	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	58,768	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	23,778	

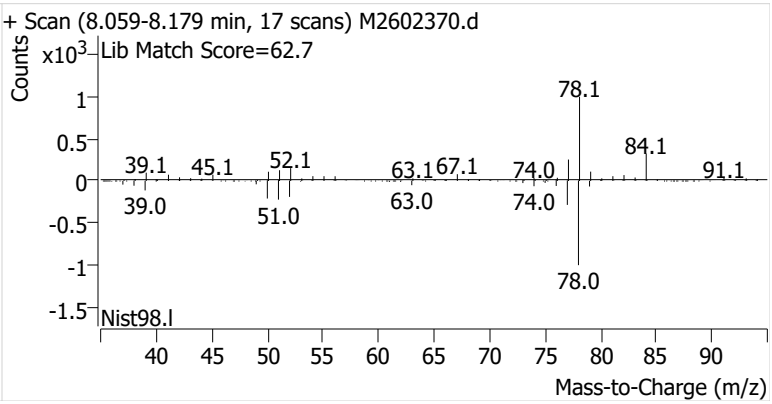
Benzene-d6 (IS)



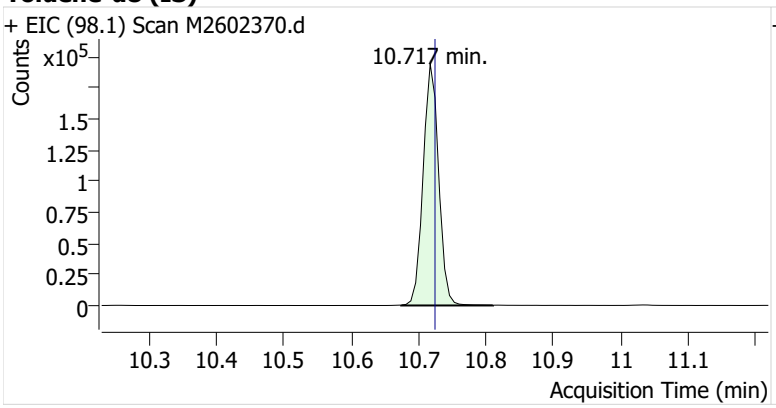


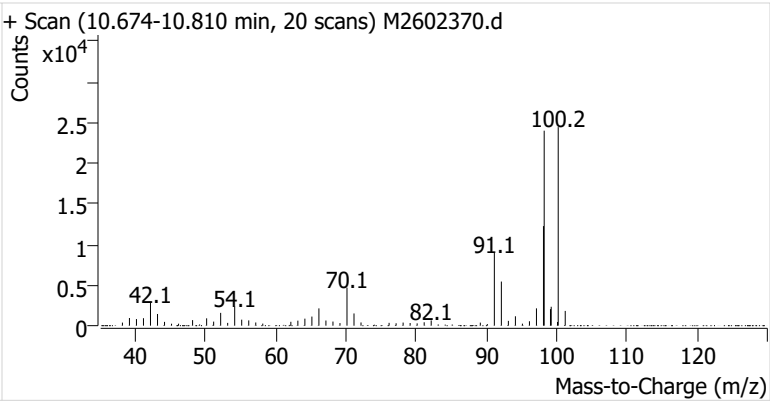
Benzene



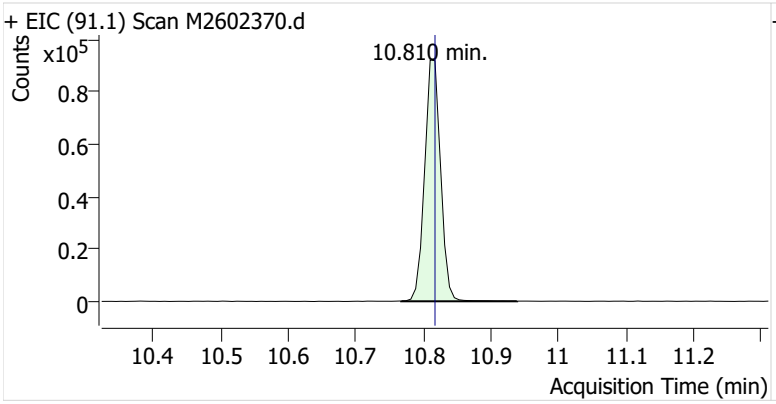


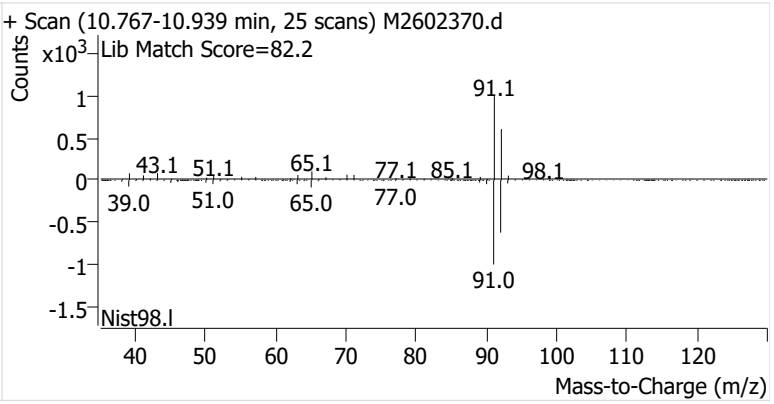
Toluene-d8 (IS)



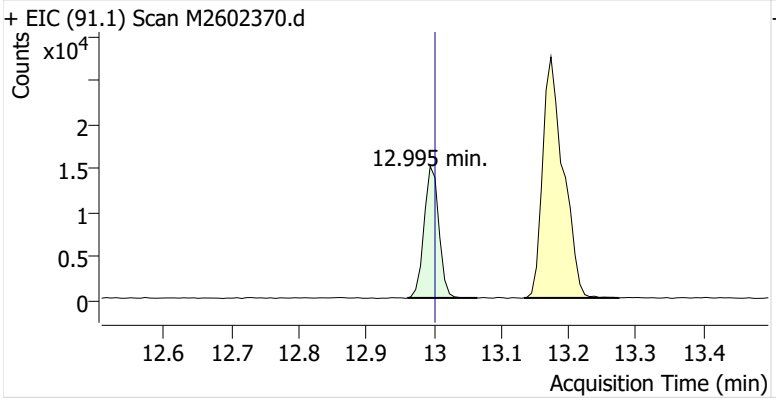


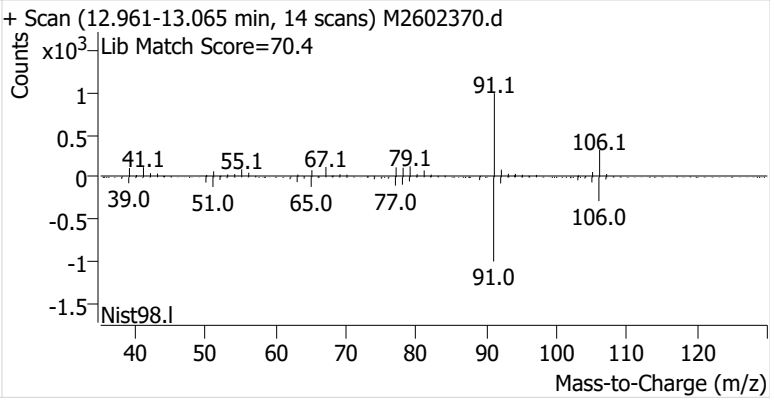
Toluene



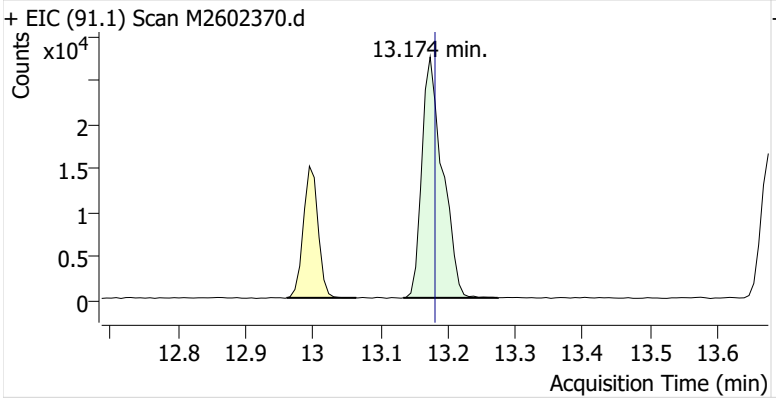


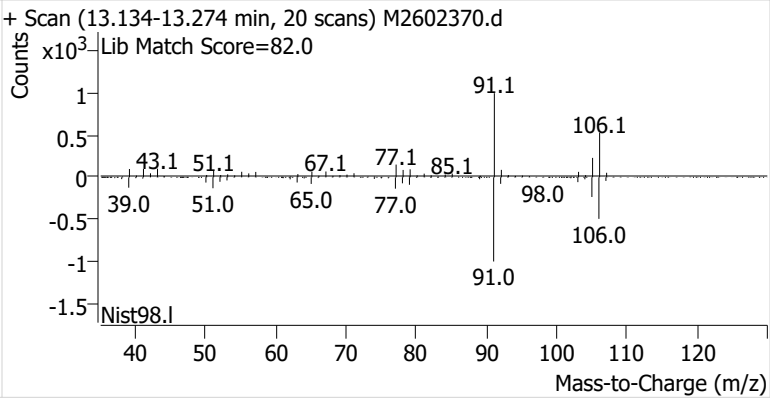
Ethylbenzene



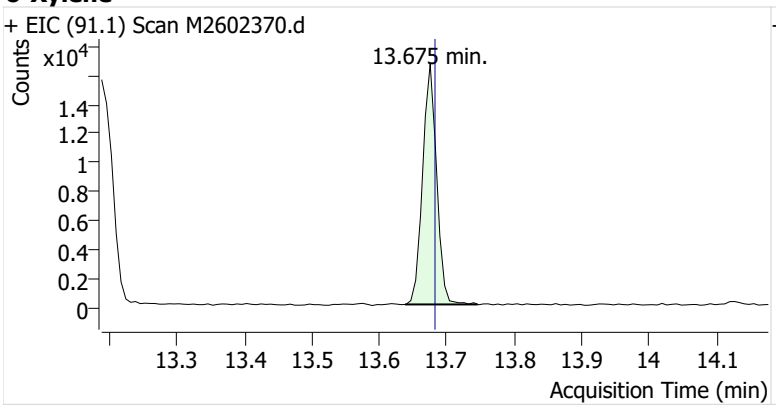


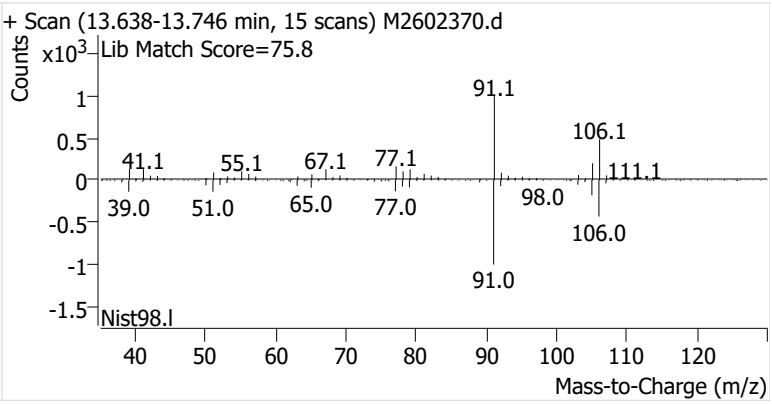
m-/p-Xylenes





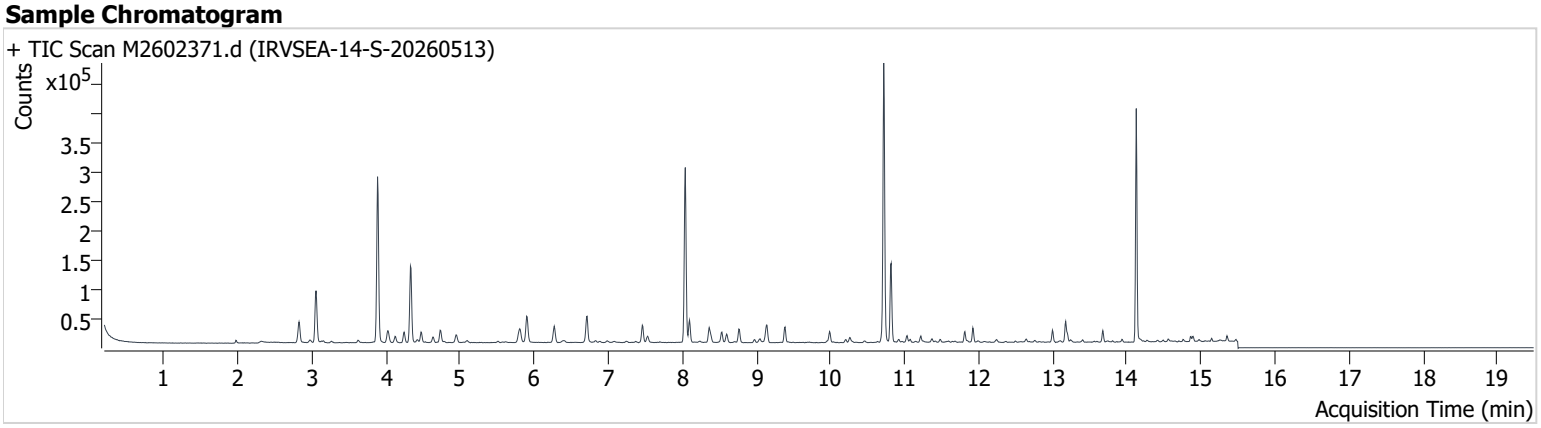
o-Xylene


+ EIC (91.1) Scan M2602370.d
Counts
x10^4
13.675 min.
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.638-13.746 min, 15 scans) M2602370.d
Counts
x10^3
Lib Match Score=75.8
91.1
106.1
111.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

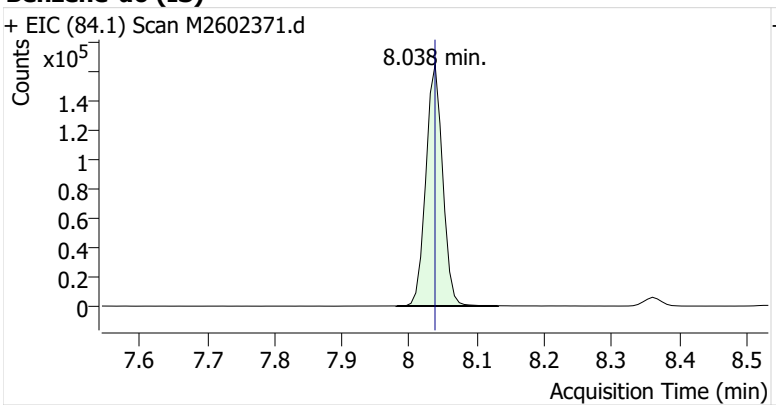
Name	IRVSEA-14-S-20260513
Comment	C02026
Data File	M2602371.d
Acq. Date-Time	5/29/2026 4:24:44 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

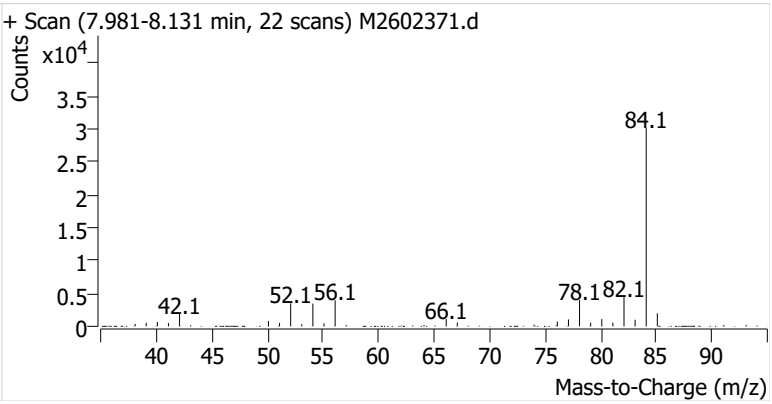
Sample Chromatogram



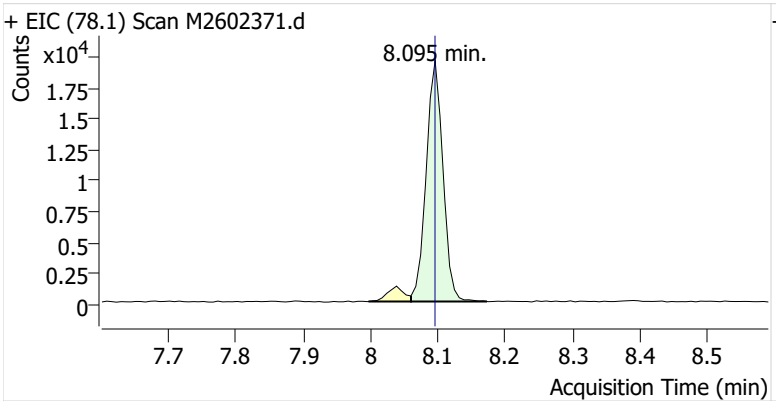
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	284,548	
Benzene	Benzene-d6 (IS)	8.095	8.095	33,716	
Toluene-d8 (IS)		10.717	10.724	308,417	
Toluene	Toluene-d8 (IS)	10.817	10.817	92,986	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	13,885	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	26,564	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	11,067	

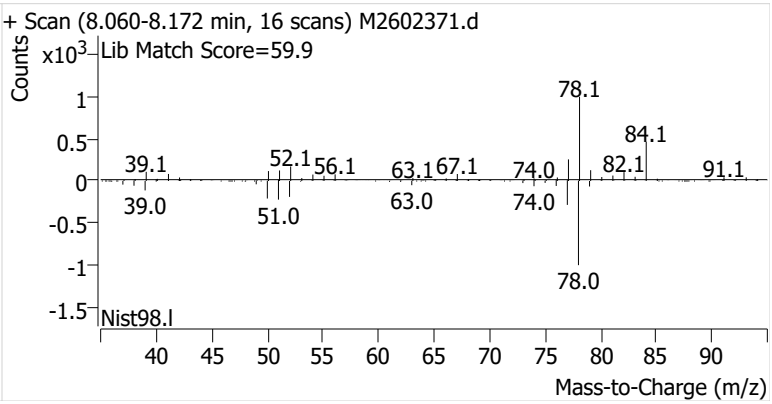
Benzene-d6 (IS)



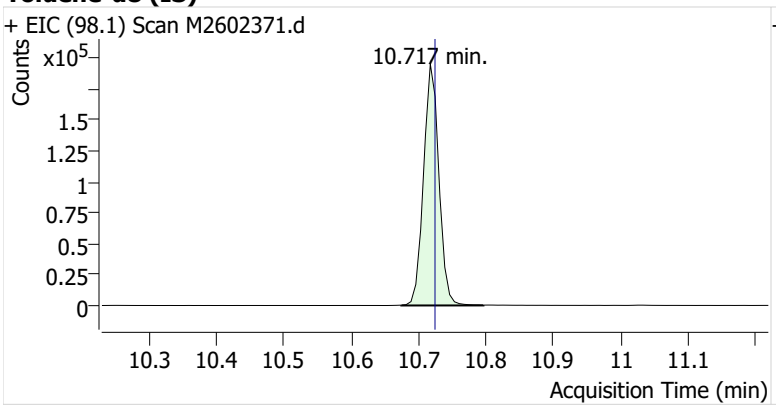


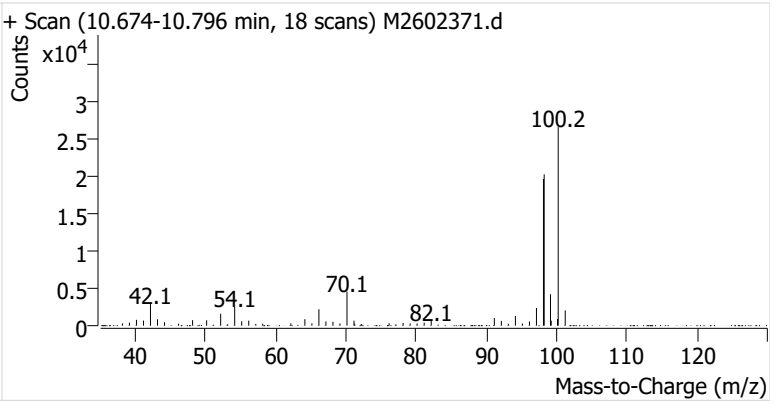
Benzene



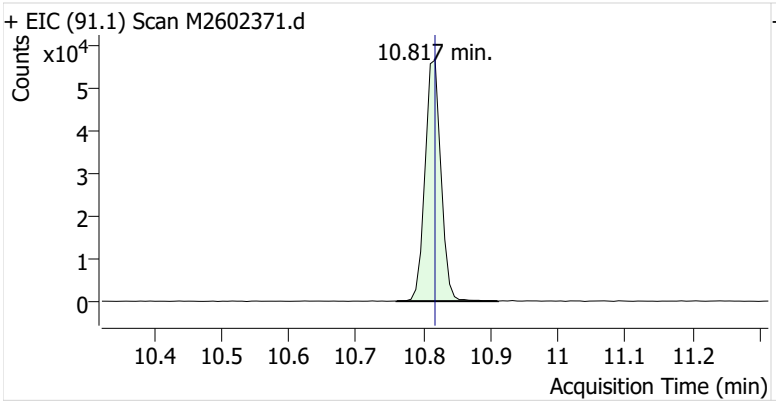


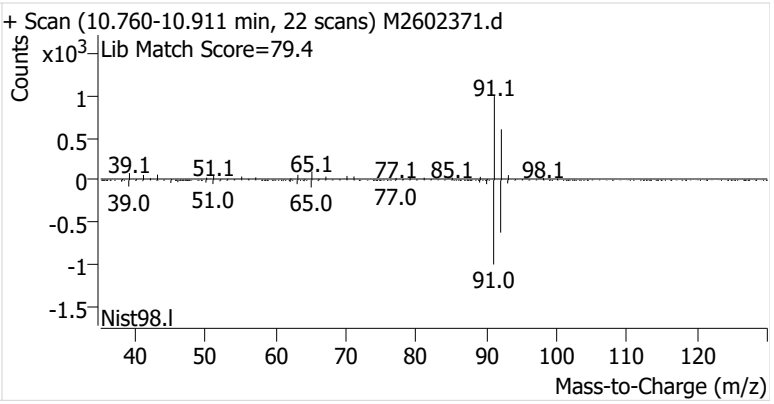
Toluene-d8 (IS)



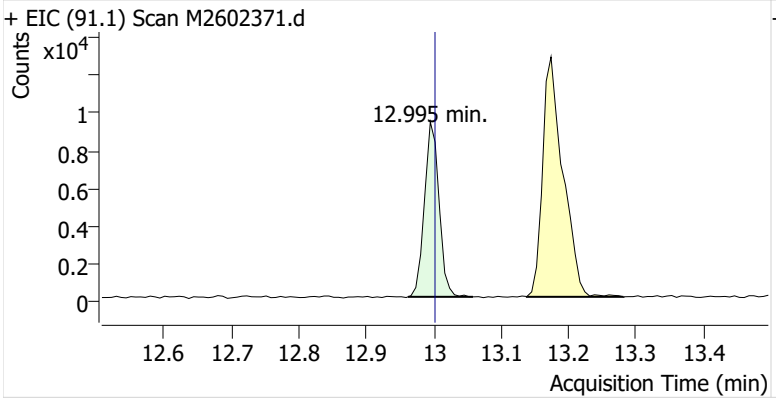


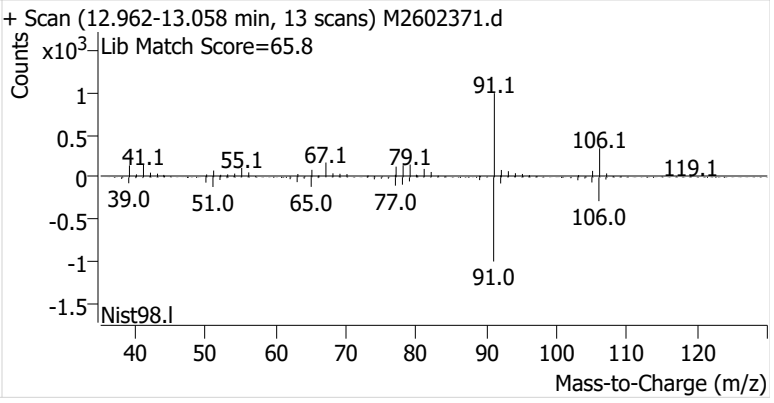
Toluene



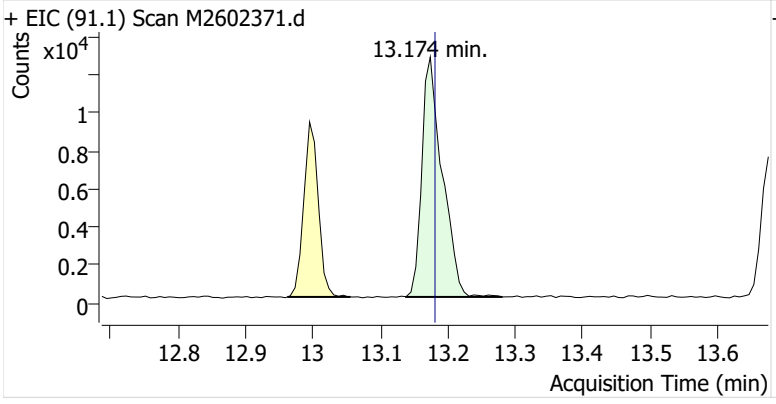


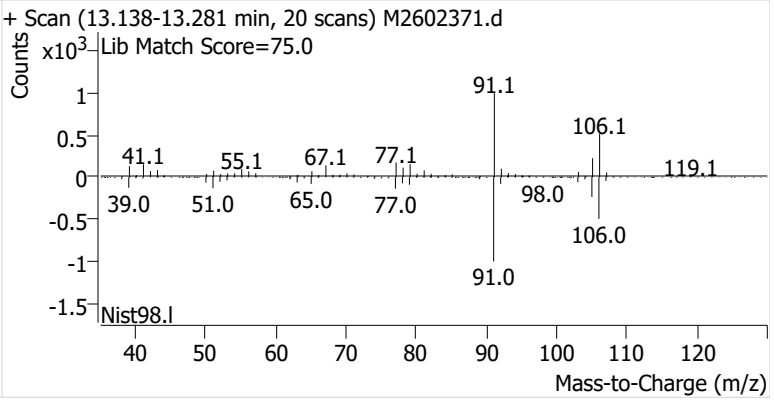
Ethylbenzene



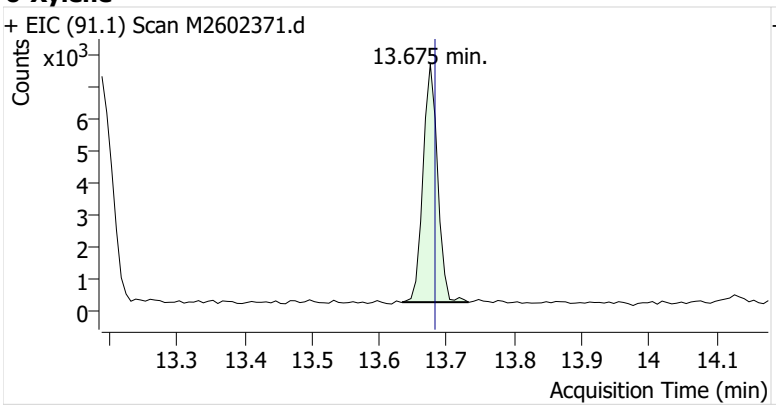


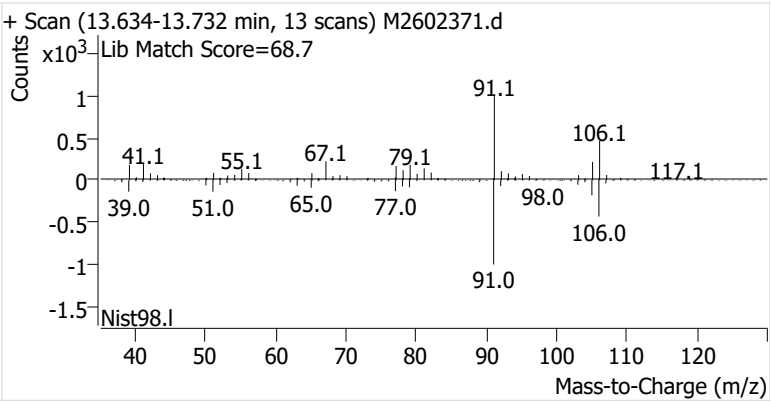
m-/p-Xylenes





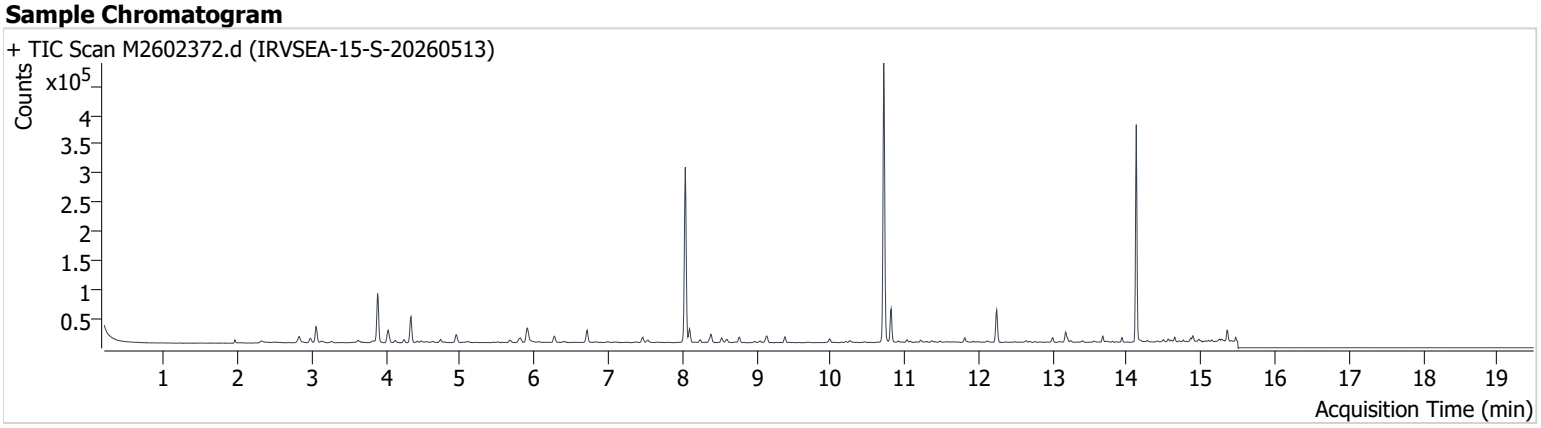
o-Xylene


+ EIC (91.1) Scan M2602371.d
Counts
x10^3
13.675 min.
6
5
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.634-13.732 min, 13 scans) M2602371.d
Counts
x10^3
Lib Match Score=68.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

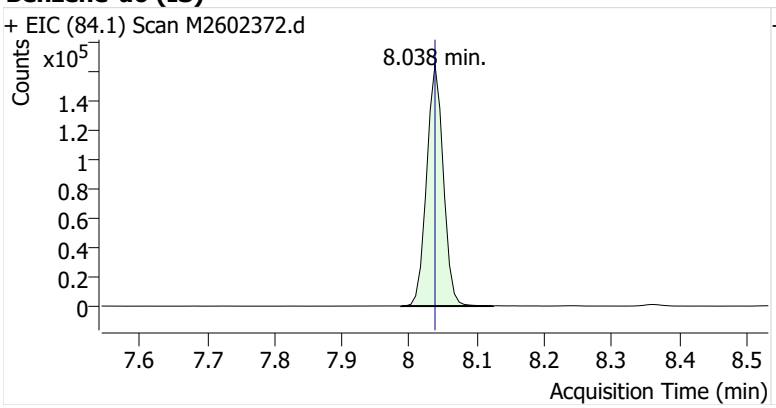
Name	IRVSEA-15-S-20260513
Comment	C68580
Data File	M2602372.d
Acq. Date-Time	5/29/2026 4:50:46 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

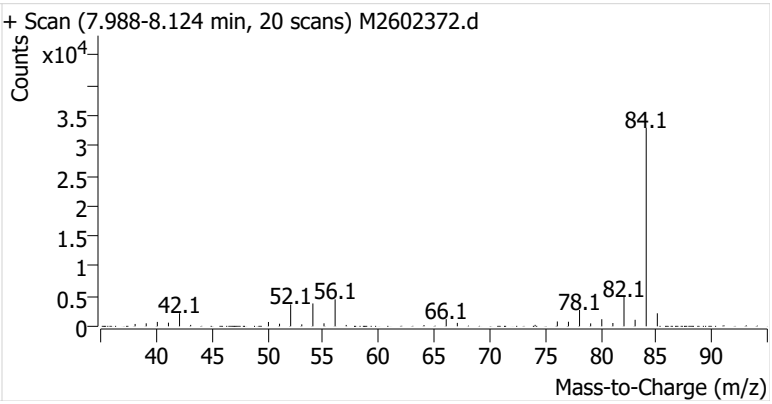
Sample Chromatogram



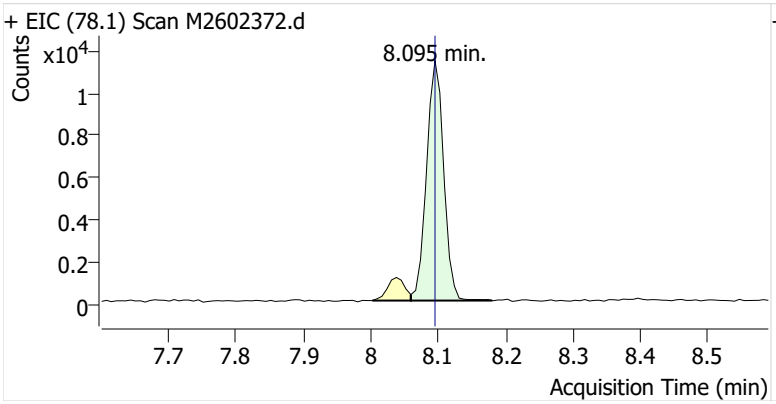
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	282,492	
Benzene	Benzene-d6 (IS)	8.095	8.095	19,996	
Toluene-d8 (IS)		10.717	10.724	310,849	
Toluene	Toluene-d8 (IS)	10.817	10.817	38,064	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	5,354	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	13,136	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	5,551	

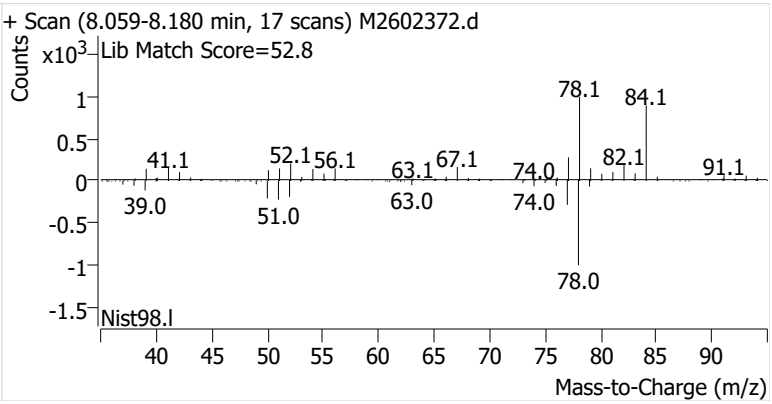
Benzene-d6 (IS)



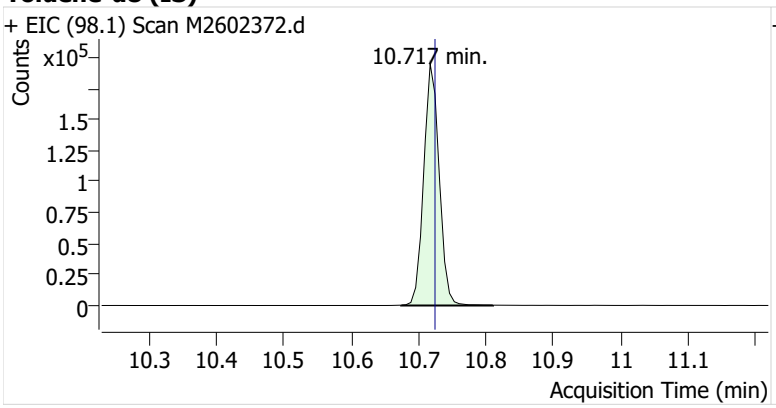


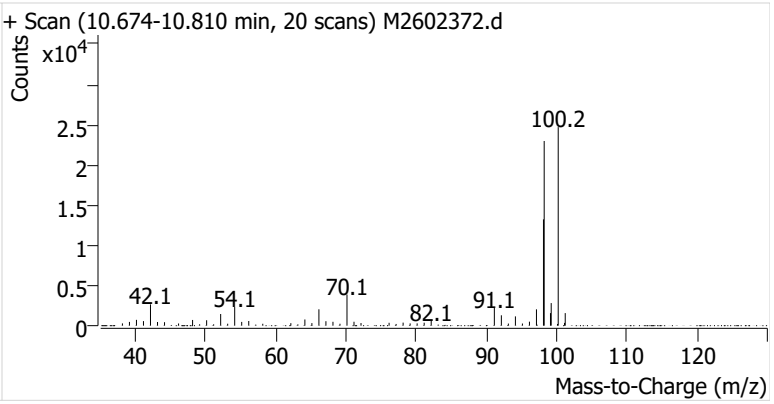
Benzene



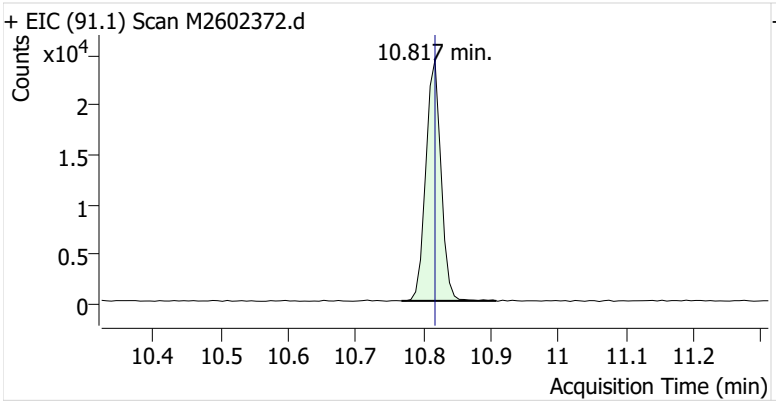


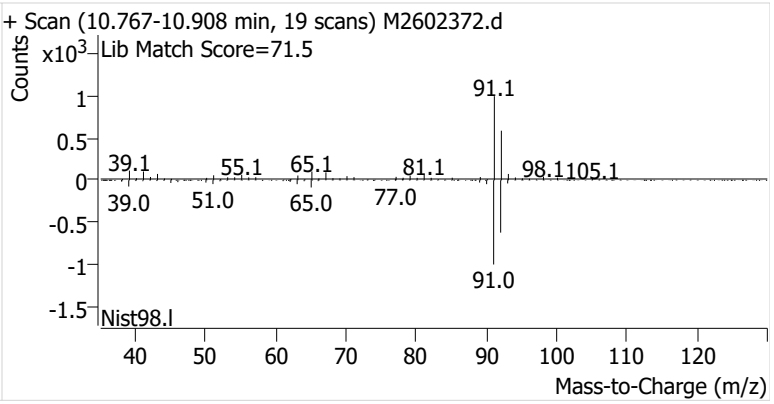
Toluene-d8 (IS)



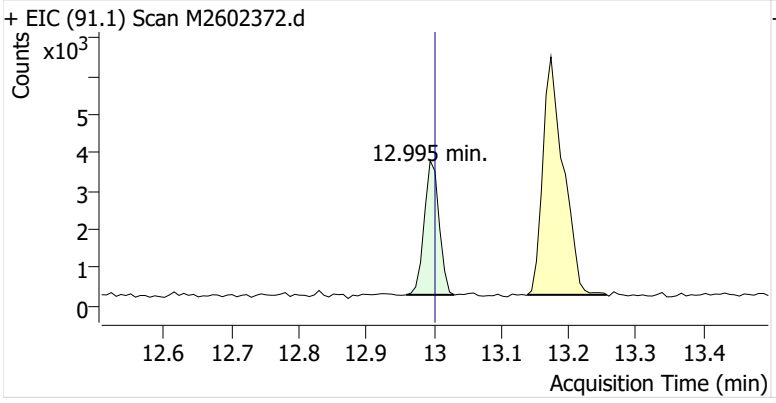


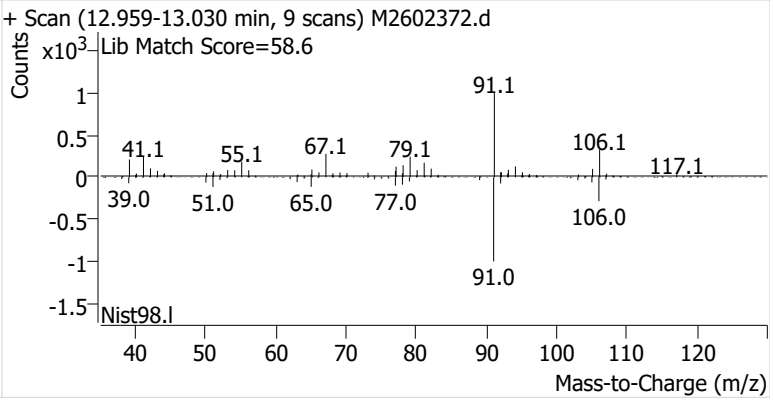
Toluene



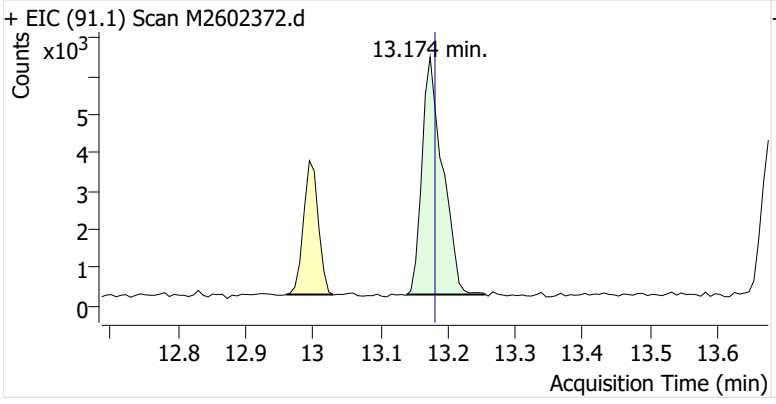


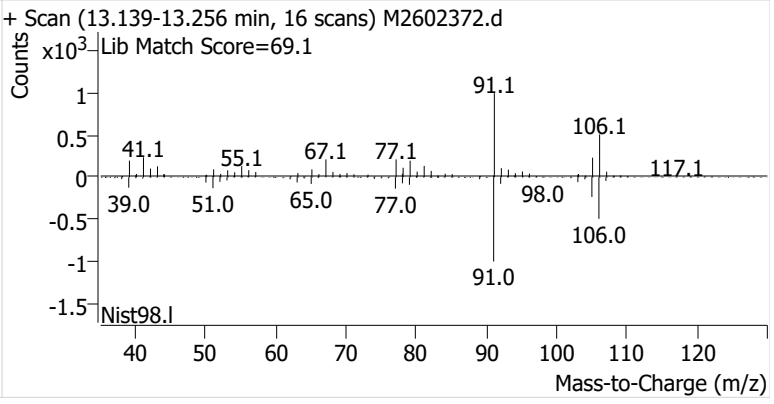
Ethylbenzene



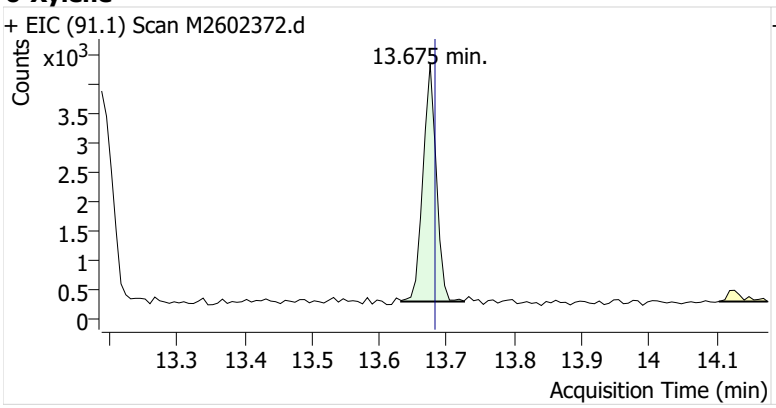


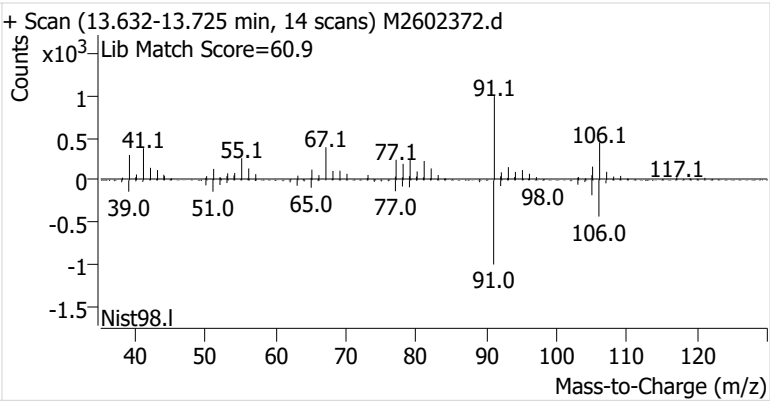
m-/p-Xylenes





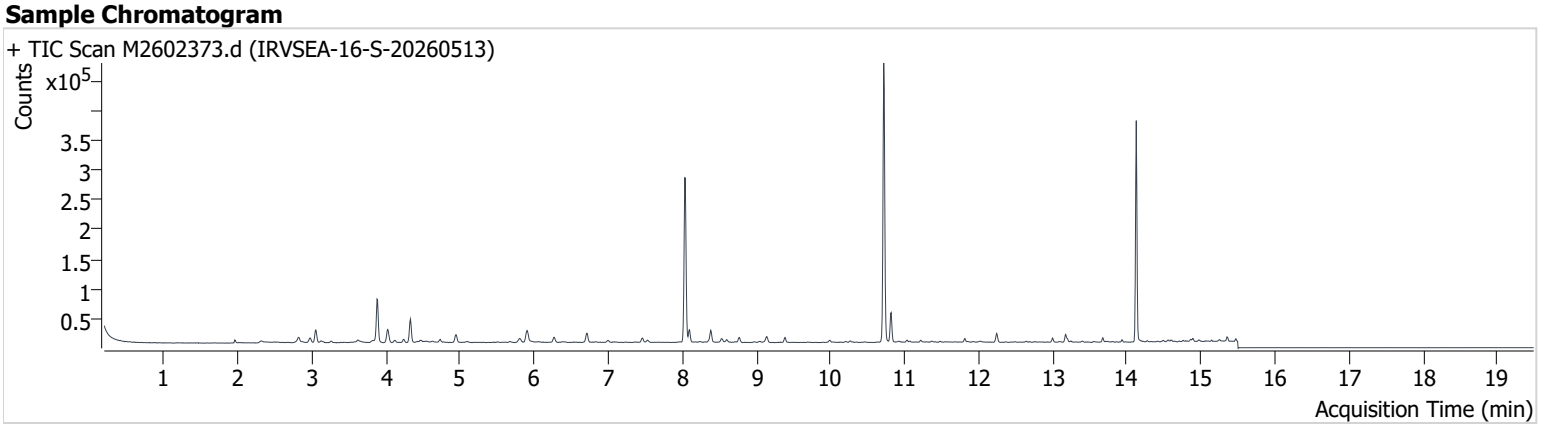
o-Xylene


+ EIC (91.1) Scan M2602372.d
Counts
x10^3
13.675 min.
3.5
3
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.632-13.725 min, 14 scans) M2602372.d
Counts
x10^3
Lib Match Score=60.9
91.1
41.1
55.1
67.1
77.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

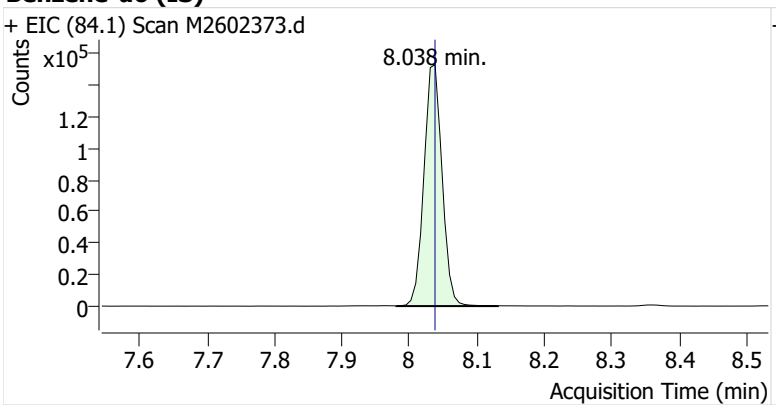
Name	IRVSEA-16-S-20260513
Comment	C61560
Data File	M2602373.d
Acq. Date-Time	5/29/2026 5:16:44 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

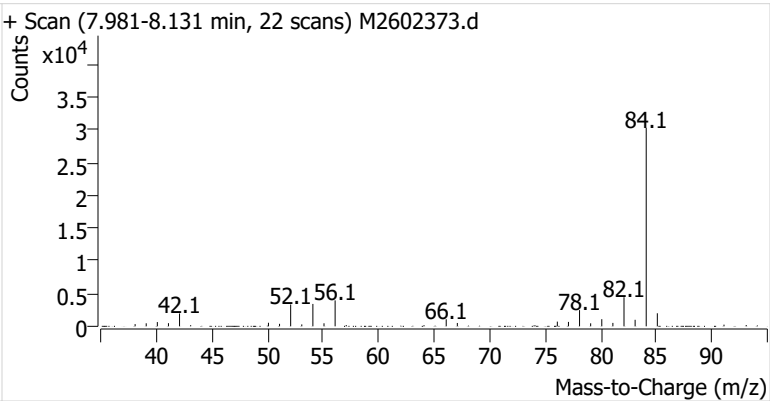
Sample Chromatogram



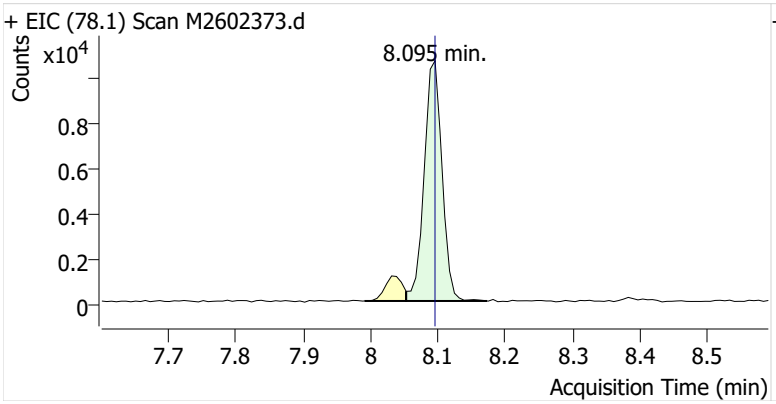
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	285,787	
Benzene	Benzene-d6 (IS)	8.095	8.095	19,533	
Toluene-d8 (IS)		10.717	10.724	309,840	
Toluene	Toluene-d8 (IS)	10.817	10.817	34,747	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	4,594	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	9,766	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	3,935	

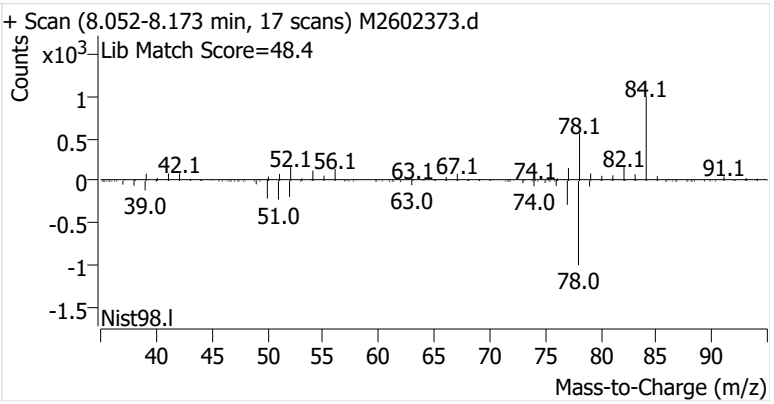
Benzene-d6 (IS)



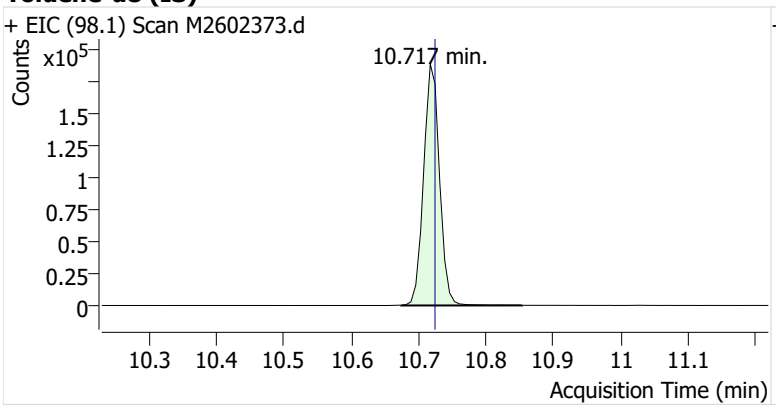


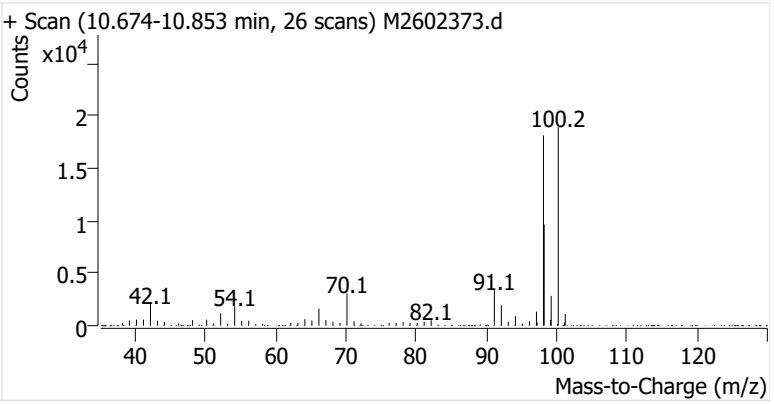
Benzene



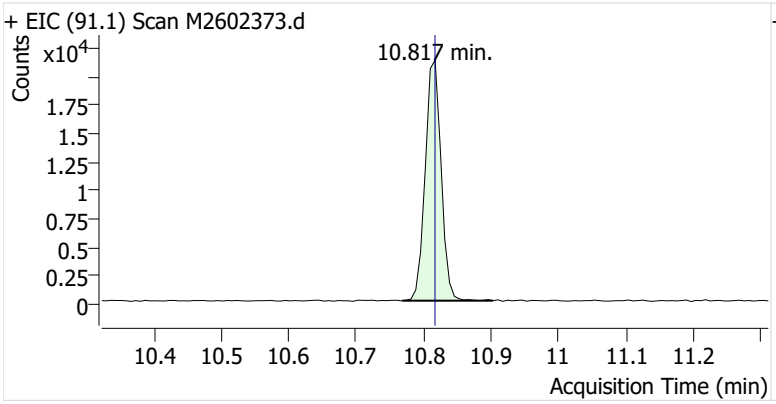


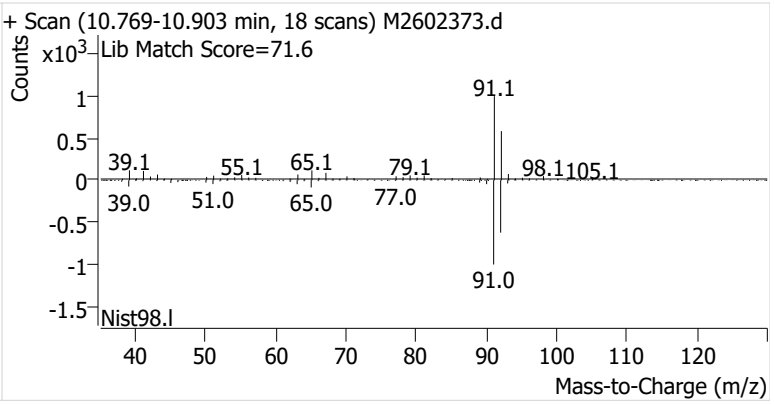
Toluene-d8 (IS)



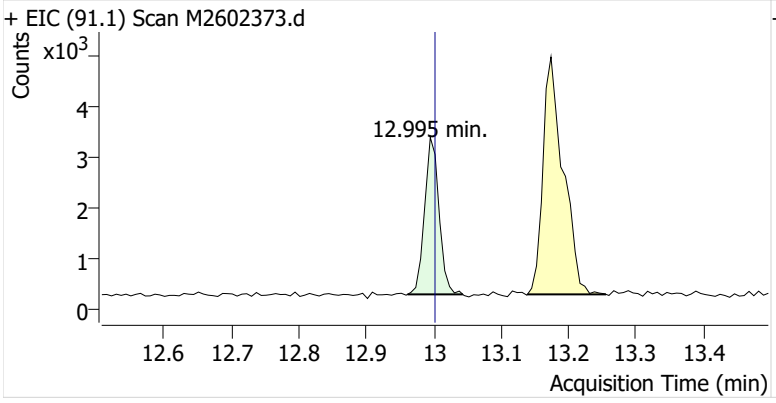


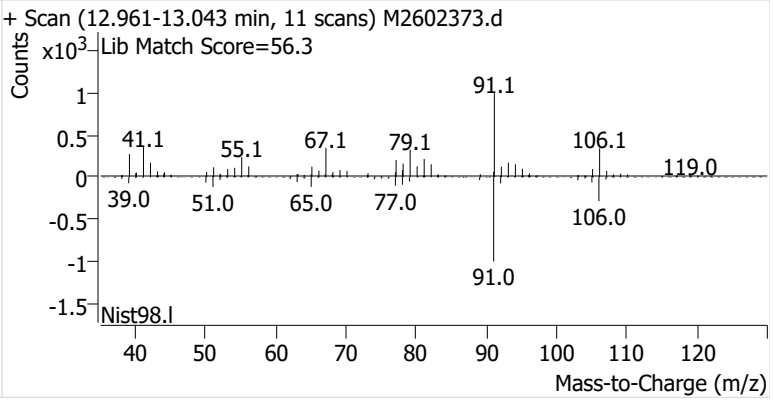
Toluene



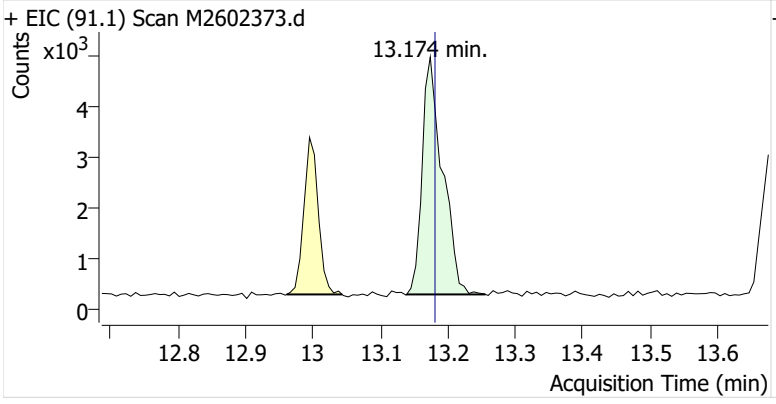


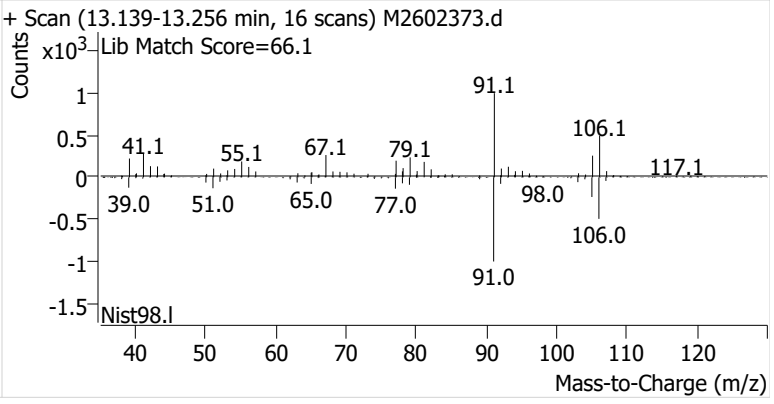
Ethylbenzene



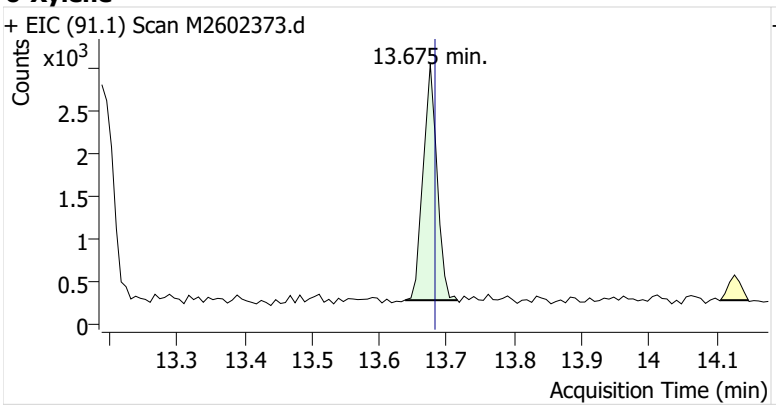


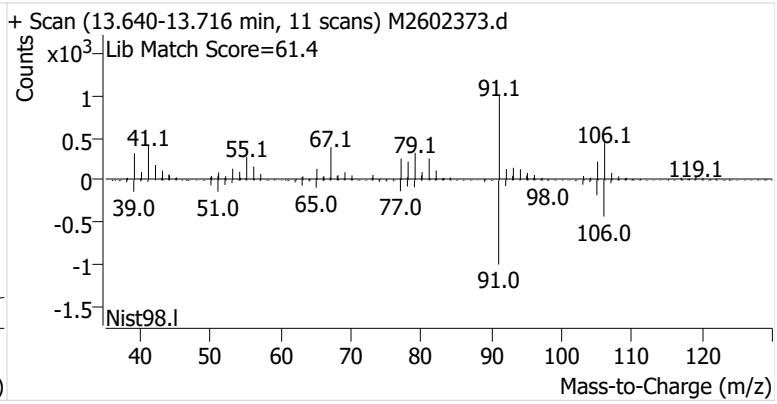
m-/p-Xylenes





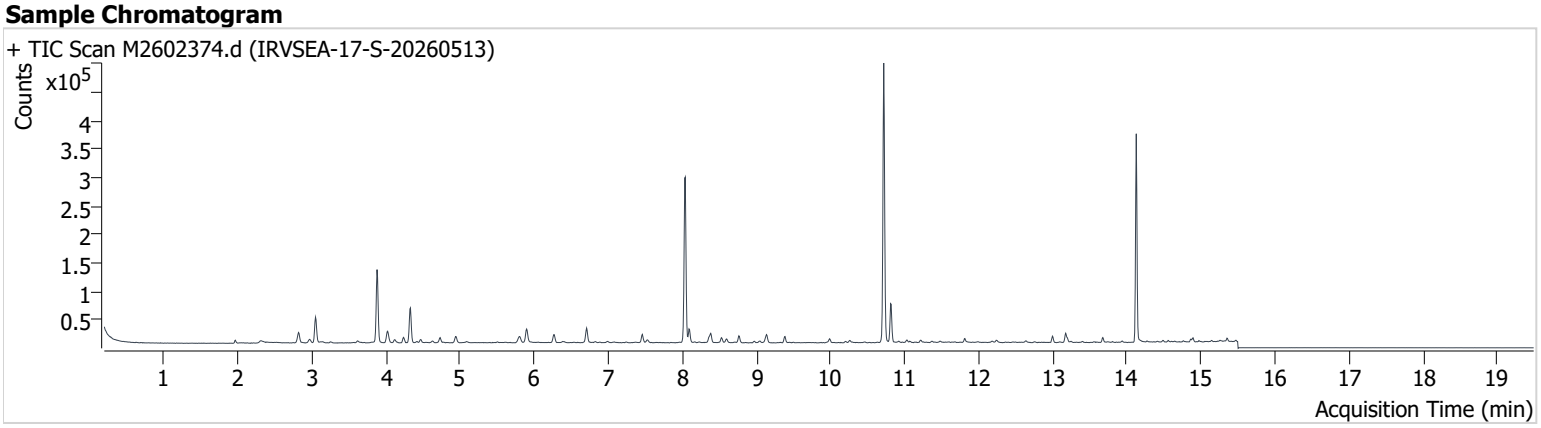
o-Xylene


+ EIC (91.1) Scan M2602373.d
Counts
x10^3
13.675 min.
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.716 min, 11 scans) M2602373.d
Counts
x10^3
Lib Match Score=61.4
91.1
41.1
55.1
67.1
79.1
106.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

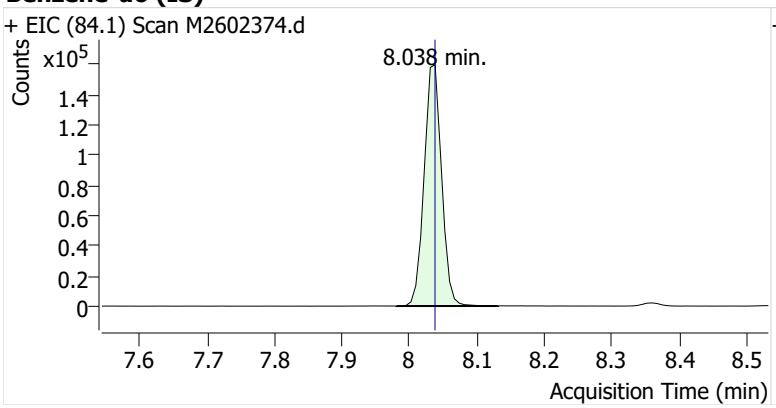
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Comment	C37461
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

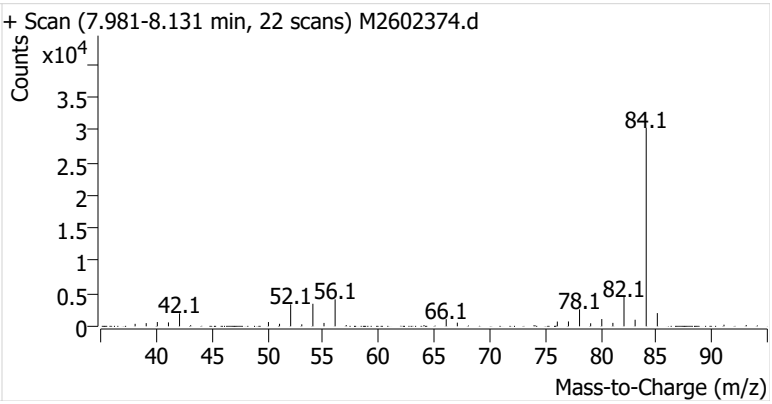
Sample Chromatogram



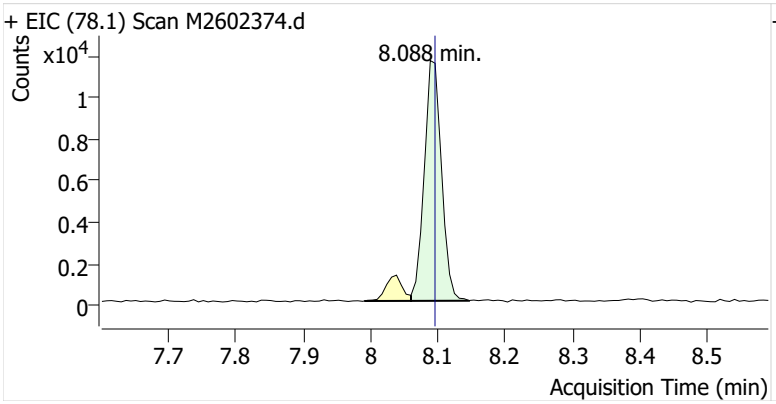
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	286,220	
Benzene	Benzene-d6 (IS)	8.088	8.095	20,551	
Toluene-d8 (IS)		10.717	10.724	312,067	
Toluene	Toluene-d8 (IS)	10.810	10.817	47,225	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	7,729	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	12,666	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	4,865	

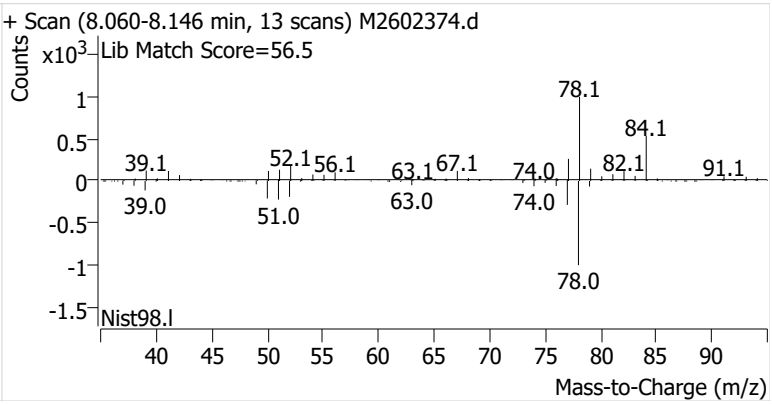
Benzene-d6 (IS)



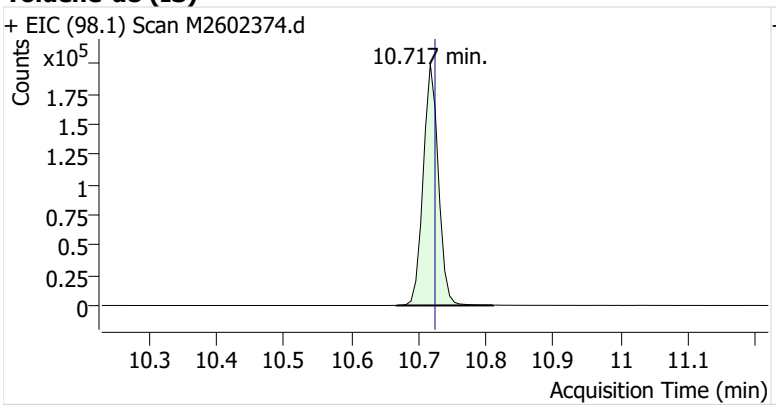


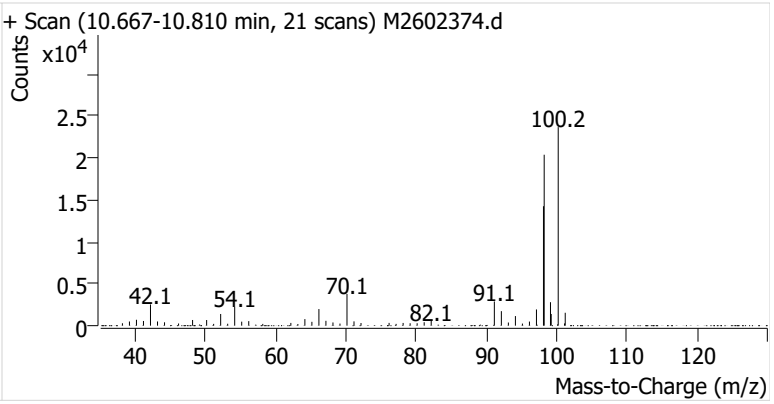
Benzene



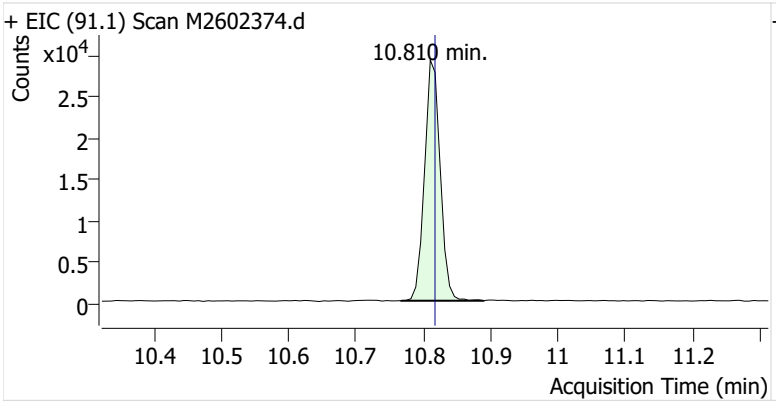


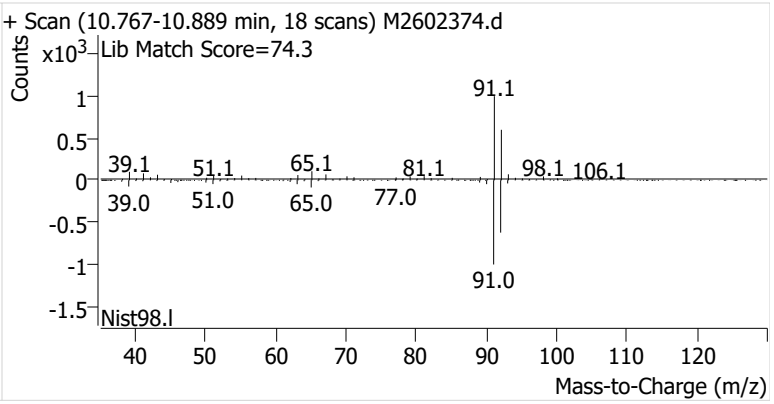
Toluene-d8 (IS)



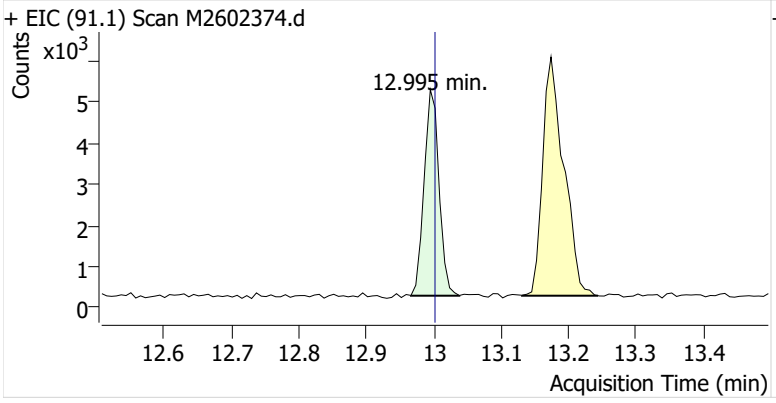


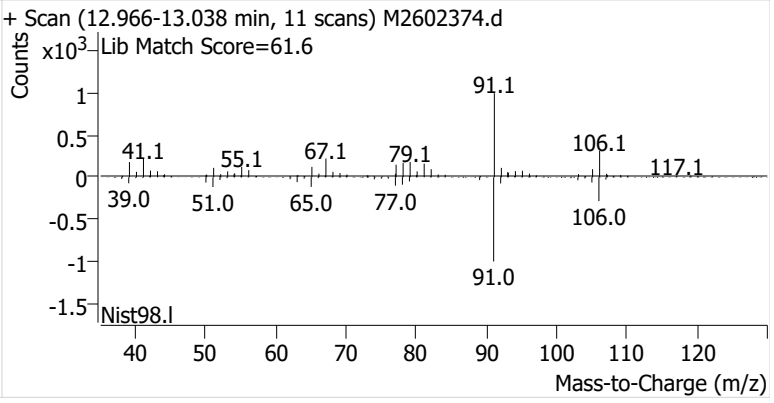
Toluene



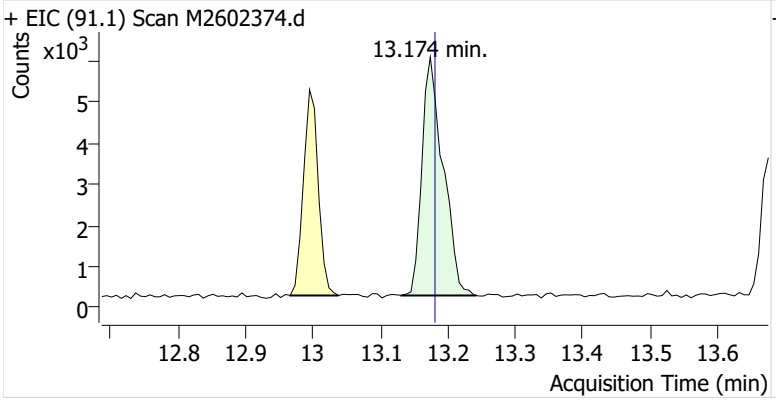


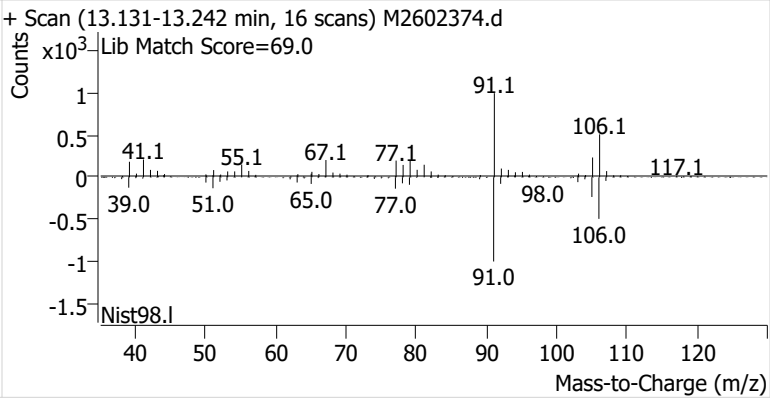
Ethylbenzene



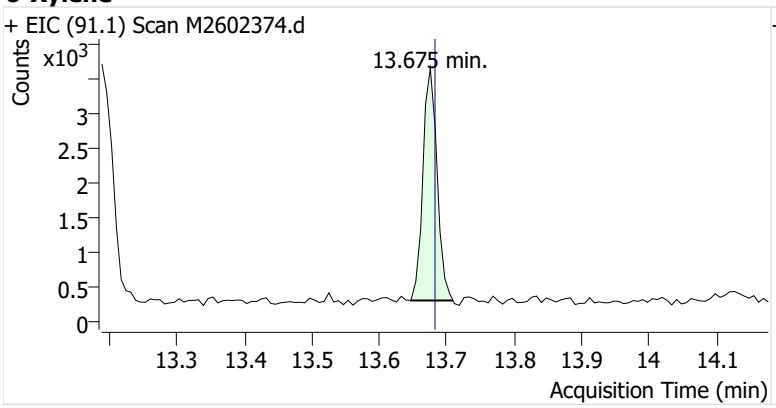


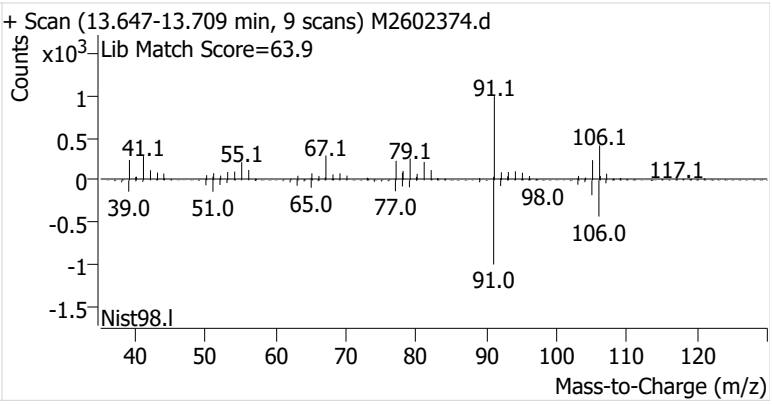
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan M2602374.d
Counts
x10^3
13.675 min.
3
2.5
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.709 min, 9 scans) M2602374.d
Counts
x10^3
Lib Match Score=63.9
91.1
41.1
55.1
67.1
79.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M012026A_CC185154_R1	Benzene	1	M2600319.d	6.00	47291	56.0	381045	1.158	0.12
M012026A_CC185154_R1	Benzene	2	M2600320.d	12.01	83887	56.0	380400	1.029	-0.0015
M012026A_CC185154_R1	Benzene	3	M2600321.d	24.01	168805	56.0	376299	1.046	0.016
M012026A_CC185154_R1	Benzene	4	M2600322.d	48.03	327386	56.0	372850	1.024	-0.006
M012026A_CC185154_R1	Benzene	5	M2600323.d	120.07	782762	56.0	373607	0.977	-0.051
M012026A_CC185154_R1	Benzene	6	M2600324.d	240.14	1563679	56.0	371027	0.983	-0.046
M012026A_CC185154_R1	Benzene	7	M2600325.d	720.42	4754251	56.0	371746	0.994	-0.035
						Avg:	375282	1.030	
						%RSD:	1.1%	6.0%	
M012026A_CC185154_R1	Toluene	1	M2600319.d	5.27	48504	65.7	405524	1.489	0.21
M012026A_CC185154_R1	Toluene	2	M2600320.d	10.55	82026	65.7	395866	1.290	0.046
M012026A_CC185154_R1	Toluene	3	M2600321.d	21.09	168126	65.7	395224	1.324	0.073
M012026A_CC185154_R1	Toluene	4	M2600322.d	42.18	327584	65.7	398897	1.278	0.036
M012026A_CC185154_R1	Toluene	5	M2600323.d	105.46	718794	65.7	394499	1.134	-0.081
M012026A_CC185154_R1	Toluene	6	M2600324.d	210.92	1454148	65.7	394406	1.148	-0.07
M012026A_CC185154_R1	Toluene	7	M2600325.d	632.75	3721714	65.7	397058	0.973	-0.21
						Avg:	397353	1.234	
						%RSD:	1.0%	13.4%	
M012026A_CC185154_R1	Ethylbenzene	1	M2600319.d	5.48	52452	65.7	405524	1.550	0.092
M012026A_CC185154_R1	Ethylbenzene	2	M2600320.d	10.96	97997	65.7	395866	1.483	0.045
M012026A_CC185154_R1	Ethylbenzene	3	M2600321.d	21.92	212293	65.7	395224	1.609	0.13
M012026A_CC185154_R1	Ethylbenzene	4	M2600322.d	43.84	421948	65.7	398897	1.584	0.12
M012026A_CC185154_R1	Ethylbenzene	5	M2600323.d	109.60	868249	65.7	394499	1.318	-0.071
M012026A_CC185154_R1	Ethylbenzene	6	M2600324.d	219.21	1748598	65.7	394406	1.328	-0.065
M012026A_CC185154_R1	Ethylbenzene	7	M2600325.d	657.62	4235151	65.7	397058	1.065	-0.25
						Avg:	397353	1.420	
						%RSD:	1.0%	13.7%	
M012026A_CC185154_R1	m-/p-Xylenes	1	M2600319.d	6.14	46914	65.7	405524	1.237	0.046
M012026A_CC185154_R1	m-/p-Xylenes	2	M2600320.d	12.28	91320	65.7	395866	1.233	0.042
M012026A_CC185154_R1	m-/p-Xylenes	3	M2600321.d	24.57	194398	65.7	395224	1.315	0.11
M012026A_CC185154_R1	m-/p-Xylenes	4	M2600322.d	49.13	385594	65.7	398897	1.292	0.092
M012026A_CC185154_R1	m-/p-Xylenes	5	M2600323.d	122.84	796581	65.7	394499	1.079	-0.088
M012026A_CC185154_R1	m-/p-Xylenes	6	M2600324.d	245.67	1569012	65.7	394406	1.063	-0.1
M012026A_CC185154_R1	m-/p-Xylenes	7	M2600325.d	737.01	4731379	65.7	397058	1.062	-0.1
						Avg:	397353	1.183	
						%RSD:	1.0%	9.4%	
M012026A_CC185154_R1	o-Xylene	1	M2600319.d	5.71	44619	65.7	405524	1.265	0.069
M012026A_CC185154_R1	o-Xylene	2	M2600320.d	11.42	85697	65.7	395866	1.244	0.051
M012026A_CC185154_R1	o-Xylene	3	M2600321.d	22.85	185018	65.7	395224	1.345	0.14

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG205-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M012026A_CC185154_R1	o-Xylene	4	M2600322.d	45.69	379263	65.7	398897	1.366	0.15
M012026A_CC185154_R1	o-Xylene	5	M2600323.d	114.23	761099	65.7	394499	1.109	-0.063
M012026A_CC185154_R1	o-Xylene	6	M2600324.d	228.47	1535238	65.7	394406	1.119	-0.055
M012026A_CC185154_R1	o-Xylene	7	M2600325.d	685.41	3466627	65.7	397058	0.836	-0.29
						Avg:	397353	1.183	
						%RSD:	1.0%	15.4%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M012026A_CC185154_R1	Benzene	ICV	M2600326.d	447.14	2914814	56.0	365974	0.998	-3.2%
M012026A_CC185154_R1	Toluene	ICV	M2600326.d	457.87	3108316	65.7	386128	1.154	-6.4%
M012026A_CC185154_R1	Ethylbenzene	ICV	M2600326.d	452.71	3527812	65.7	386128	1.325	-6.7%
M012026A_CC185154_R1	m-/p-Xylenes	ICV	M2600326.d	459.76	2910282	65.7	386128	1.076	-9.0%
M012026A_CC185154_R1	o-Xylene	ICV	M2600326.d	460.64	2752493	65.7	386128	1.016	-14.0%

M325B PDF Report ver.20260421

Sample Custody

Onterris

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

☐ Standard Turn Around Time
☐ Rush Turn Around Time
* All TATs Subject to Approval by Onterris Laboratories, LLC

2026GG205

Page #1 of #1

Site Name:	Irving Searsport Terminal	Client Name:	Onterris Air Quality Services	PO#:	
Site Address:	52 Station Ave.	Project #:	PROJ-050105	Sample Event #:	2026GG204
City:	Searsport	Project Manager:	Sabarish Selvarajan	Sorbent Type:	Carbopak-X
State:	Maine	Email Address:	sabarishselvarajan@onterris.com	Quote #:	
Zip:	04974	Telephone #:	973-722-7895		

Location	Sample ID (Tube ID)	Sample (S), Blank (B), Duplicate (D)	Start Date	Start Time	Stop Date	Stop Time	Deployed by/ Collected by	Avg. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C43342	S	5/13/26	10:32 AM	5/27/26	9:53 AM	LF/KV		
2	C69525	S	5/13/26	11:19 AM	5/27/26	9:56 AM	LF/KV		
2	B50962	D	5/13/26	11:19 AM	5/27/26	9:56 AM	LF/KV		
2	C71661	B	5/13/26	11:19 AM	5/27/26	9:56 AM	LF/KV		
3	C35829	S	5/13/26	11:14 AM	5/27/26	9:59 AM	LF/KV		
4	C40196	S	5/13/26	11:11 AM	5/27/26	10:01 AM	LF/KV		
5	C20556	S	5/13/26	11:08 AM	5/27/26	10:03 AM	LF/KV		
6	C40676	S	5/13/26	11:05 AM	5/27/26	10:06 AM	LF/KV		
7	C24181	S	5/13/26	11:02 AM	5/27/26	10:09 AM	LF/KV		
8	C17233	S	5/13/26	11:00 AM	5/27/26	10:12 AM	LF/KV		
8	C36983	D	5/13/26	11:00 AM	5/27/26	10:12 AM	LF/KV		
8	C33460	B	5/13/26	11:00 AM	5/27/26	10:12 AM	LF/KV		
9	C31426	S	5/13/26	10:56 AM	5/27/26	10:15 AM	LF/KV		
10	C32703	S	5/13/26	10:53 AM	5/27/26	10:18 AM	LF/KV		
11	B53216	S	5/13/26	10:51 AM	5/27/26	10:20 AM	LF/KV		
12	C36920	S	5/13/26	10:46 AM	5/27/26	9:42 AM	LF/KV		
13	C70028	S	5/13/26	10:41 AM	5/27/26	9:46 AM	LF/KV		
14	C02026	S	5/13/26	10:38 AM	5/27/26	9:50 AM	LF/KV		
15	C68580	S	5/13/26	11:48 AM	5/27/26	10:39 AM	LF/KV		
16	C61560	S	5/13/26	11:44 AM	5/27/26	10:41 AM	LF/KV		
17	C37461	S	5/13/26	11:41 AM	5/27/26	10:44 AM	LF/KV		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Kosta Voukidis	KV	5/27/26	17:00
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Paige Grundman	Paige Grundman	5-28-26	9:55 am
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
Good	Benzene Toluene Ethylbenzene O-xylenes, m-/p-xylenes	Y	
Blank Temp: 20.1 Fluke4		**Custody Seal #:** 25E09216	

Comments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.onterris.com

Unless otherwise agreed in writing, these services are provided pursuant to the terms and conditions as set forth at onterris.com/terms-and-conditions. Onterris acceptance of this order is expressly limited to these terms and conditions

This Is The Last Page Of This Report.

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 45 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 6/11/2026

Analytical Report
2026GG206

EPA Method 325B Analysis

Report Issue Date: 6/22/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



Matt Cavanaugh
Matthew.Cavanaugh@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG206-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Onterris/Enthalpy on June 11, 2026 at 23.3 °C, which is above the method recommended 23.0 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260527	C32905	Sample
IRVSEA-2-S-20260527	C71686	Sample
IRVSEA-2-D-20260527	B48047	Duplicate
IRVSEA-2-B-20260527	C16105	Blank
IRVSEA-3-S-20260527	C71599	Sample
IRVSEA-4-S-20260527	C55382	Sample
IRVSEA-5-S-20260527	C43889	Sample
IRVSEA-6-S-20260527	C32896	Sample
IRVSEA-7-S-20260527	C00703	Sample
IRVSEA-8-S-20260527	C55513	Sample
IRVSEA-8-D-20260527	C57504	Duplicate
IRVSEA-8-B-20260527	B44278	Blank
IRVSEA-9-S-20260527	C69789	Sample
IRVSEA-10-S-20260527	C32892	Sample
IRVSEA-11-S-20260527	C55574	Sample
IRVSEA-12-S-20260527	C16151	Sample
IRVSEA-13-S-20260527	C40575	Sample
IRVSEA-14-S-20260527	B34419	Sample
IRVSEA-15-S-20260527	C55771	Sample
IRVSEA-16-S-20260527	B52758	Sample
IRVSEA-17-S-20260527	B44224	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG206-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (F060226A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20260527 (tube ID C71686) and its corresponding duplicate IRVSEA-2-D-20260527 (tube ID B48047) failed to meet the 30% difference criterion for m-/p-Xylenes as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for m-/p-Xylenes to denote this failure.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Onterris/Enthalpy, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260527	C32905	0.443	J	1.29		0.274	ND	0.367	J,Pc	0.274	ND
IRVSEA-2-S-20260527	C71686	0.560		1.51		0.274	ND	0.678	Pc	0.274	ND
IRVSEA-2-D-20260527	B48047	0.564		1.41		0.274	ND	0.411	J,Pc	0.274	ND
IRVSEA-2-B-20260527	C16105	0.188	ND	0.242	ND	0.274	ND	0.274	ND,Pc	0.274	ND
IRVSEA-3-S-20260527	C71599	0.492		1.51		0.274	ND	0.863	Pc	0.289	J
IRVSEA-4-S-20260527	C55382	0.417	J	1.44		0.579	J	1.47	Pc	0.288	J
IRVSEA-5-S-20260527	C43889	0.393	J	1.22		0.274	ND	0.509	J,Pc	0.274	ND
IRVSEA-6-S-20260527	C32896	0.593		2.24		0.352	J	0.927	Pc	0.338	J
IRVSEA-7-S-20260527	C00703	1.15		4.69		0.684		2.12	Pc	0.796	
IRVSEA-8-S-20260527	C55513	2.64		12.0		1.64		5.79	Pc	2.11	
IRVSEA-8-D-20260527	C57504	2.61		12.0		1.64		6.06	Pc	2.26	
IRVSEA-8-B-20260527	B44278	0.188	ND	0.242	ND	0.274	ND	0.274	ND,Pc	0.274	ND
IRVSEA-9-S-20260527	C69789	1.65		6.87		0.851		3.21	Pc	1.18	
IRVSEA-10-S-20260527	C32892	2.26		10.2		1.42		4.58	Pc	1.67	
IRVSEA-11-S-20260527	C55574	1.71		7.39		1.10		3.49	Pc	1.30	
IRVSEA-12-S-20260527	C16151	0.794		3.34		0.637		1.76	Pc	0.614	J
IRVSEA-13-S-20260527	C40575	0.397	J	1.47		0.457	J	1.40	Pc	0.359	J
IRVSEA-14-S-20260527	B34419	0.322	J	1.16		0.274	ND	0.769	Pc	0.274	ND
IRVSEA-15-S-20260527	C55771	0.321	J	0.912		0.274	ND	0.313	J,Pc	0.274	ND
IRVSEA-16-S-20260527	B52758	0.284	J	0.673		0.274	ND	0.274	ND,Pc	0.274	ND
IRVSEA-17-S-20260527	B44224	0.428	J	0.686		0.274	ND	0.274	ND,Pc	0.274	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260527	C32905	0.443	0.139	5.89	58.9	0.659	20196	0.188	0.450	0.0589	0.141	J	F2603879.D	2026-06-11 15:46	0.942	7.932	50792	502216	54.9	7.871	-1.8%
IRVSEA-2-S-20260527	C71686	0.560	0.175	7.45	58.9	0.659	20196	0.188	0.450	0.0589	0.141		F2603880.D	2026-06-11 16:11	0.942	7.932	62607	490062	54.9	7.877	-4.2%
IRVSEA-2-D-20260527	B48047	0.564	0.177	7.51	58.9	0.659	20196	0.188	0.450	0.0589	0.141		F2603881.D	2026-06-11 16:37	0.942	7.932	63586	493629	54.9	7.877	-3.5%
IRVSEA-2-B-20260527	C16105	0.188	0.0589		58.9	0.659	20196	0.188	0.450	0.0589	0.141	ND	F2603878.D	2026-06-11 15:21	0.942	7.932	5287	496226	54.9	7.871	-3.0%
IRVSEA-3-S-20260527	C71599	0.492	0.154	6.54	58.9	0.659	20196	0.188	0.450	0.0589	0.141		F2603882.D	2026-06-11 17:02	0.942	7.932	55578	495229	54.9	7.877	-3.2%
IRVSEA-4-S-20260527	C55382	0.417	0.131	5.55	58.9	0.659	20196	0.188	0.450	0.0589	0.141	J	F2603883.D	2026-06-11 17:28	0.942	7.932	45334	476354	54.9	7.877	-6.9%
IRVSEA-5-S-20260527	C43889	0.393	0.123	5.23	58.9	0.659	20197	0.188	0.450	0.0589	0.141	J	F2603884.D	2026-06-11 17:53	0.942	7.932	42201	470089	54.9	7.877	-8.1%
IRVSEA-6-S-20260527	C32896	0.593	0.186	7.89	58.9	0.659	20197	0.188	0.450	0.0589	0.141		F2603885.D	2026-06-11 18:19	0.942	7.932	64486	476237	54.9	7.871	-6.9%
IRVSEA-7-S-20260527	C00703	1.15	0.359	15.2	58.9	0.659	20196	0.188	0.450	0.0589	0.141		F2603886.D	2026-06-11 18:45	0.942	7.932	126187	482447	54.9	7.877	-5.7%
IRVSEA-8-S-20260527	C55513	2.64	0.828	35.2	58.9	0.659	20195	0.188	0.450	0.0589	0.141		F2603887.D	2026-06-11 19:10	0.942	7.932	302839	502031	54.9	7.877	-1.8%
IRVSEA-8-D-20260527	C57504	2.61	0.818	34.8	58.9	0.659	20195	0.188	0.450	0.0589	0.141		F2603888.D	2026-06-11 19:35	0.942	7.932	294868	494442	54.9	7.877	-3.3%
IRVSEA-8-B-20260527	B44278	0.188	0.0589		58.9	0.659	20195	0.188	0.450	0.0589	0.141	ND	F2603890.D	2026-06-11 20:26	0.942	7.932	9946	496842	54.9	7.871	-2.9%
IRVSEA-9-S-20260527	C69789	1.65	0.518	22.0	58.9	0.659	20194	0.188	0.450	0.0589	0.141		F2603891.D	2026-06-11 20:52	0.942	7.932	188587	499962	54.9	7.877	-2.2%
IRVSEA-10-S-20260527	C32892	2.26	0.709	30.1	58.9	0.659	20193	0.188	0.450	0.0589	0.141		F2603892.D	2026-06-11 21:17	0.942	7.932	257518	498286	54.9	7.877	-2.6%
IRVSEA-11-S-20260527	C55574	1.71	0.537	22.8	58.9	0.659	20193	0.188	0.450	0.0589	0.141		F2603893.D	2026-06-11 21:43	0.942	7.932	193731	495487	54.9	7.871	-3.1%
IRVSEA-12-S-20260527	C16151	0.794	0.249	10.6	58.9	0.659	20198	0.188	0.450	0.0589	0.141		F2603894.D	2026-06-11 22:08	0.942	7.932	90604	499990	54.9	7.877	-2.2%
IRVSEA-13-S-20260527	C40575	0.397	0.124	5.28	58.9	0.659	20197	0.188	0.450	0.0589	0.141	J	F2603895.D	2026-06-11 22:34	0.942	7.932	44931	495524	54.9	7.871	-3.1%
IRVSEA-14-S-20260527	B34419	0.322	0.101	4.28	58.9	0.659	20196	0.188	0.450	0.0589	0.141	J	F2603896.D	2026-06-11 23:00	0.942	7.932	35933	488747	54.9	7.877	-4.4%
IRVSEA-15-S-20260527	C55771	0.321	0.101	4.27	58.9	0.659	20193	0.188	0.450	0.0589	0.141	J	F2603897.D	2026-06-11 23:25	0.942	7.932	35324	482406	54.9	7.871	-5.7%
IRVSEA-16-S-20260527	B52758	0.284	0.0889	3.77	58.9	0.659	20193	0.188	0.450	0.0589	0.141	J	F2603898.D	2026-06-11 23:50	0.942	7.932	29648	457781	54.9	7.871	-10.5%
IRVSEA-17-S-20260527	B44224	0.428	0.134	5.69	58.9	0.659	20192	0.188	0.450	0.0589	0.141	J	F2603899.D	2026-06-12 00:16	0.942	7.932	44061	450932	54.9	7.871	-11.8%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260527	C32905	1.29	0.343	13.3	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603879.D	2026-06-11 15:46	1.082	10.655	123762	556514	64.8	10.557	-3.6%
IRVSEA-2-S-20260527	C71686	1.51	0.401	15.6	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603880.D	2026-06-11 16:11	1.082	10.655	142481	547400	64.8	10.557	-5.1%
IRVSEA-2-D-20260527	B48047	1.41	0.375	14.6	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603881.D	2026-06-11 16:37	1.082	10.655	132392	544892	64.8	10.557	-5.6%
IRVSEA-2-B-20260527	C16105	0.242	0.0643		58.9	0.511	20196	0.242	0.509	0.0643	0.135	ND	F2603878.D	2026-06-11 15:21	1.082	10.655	15643	561052	64.8	10.557	-2.8%
IRVSEA-3-S-20260527	C71599	1.51	0.401	15.6	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603882.D	2026-06-11 17:02	1.082	10.655	144386	555687	64.8	10.557	-3.7%
IRVSEA-4-S-20260527	C55382	1.44	0.381	14.8	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603883.D	2026-06-11 17:28	1.082	10.654	132740	536667	64.8	10.556	-7.0%
IRVSEA-5-S-20260527	C43889	1.22	0.325	12.6	58.9	0.511	20197	0.242	0.509	0.0643	0.135		F2603884.D	2026-06-11 17:53	1.082	10.655	114229	541954	64.8	10.563	-6.1%
IRVSEA-6-S-20260527	C32896	2.24	0.594	23.1	58.9	0.511	20197	0.242	0.509	0.0643	0.135		F2603885.D	2026-06-11 18:19	1.082	10.655	206712	536703	64.8	10.557	-7.0%
IRVSEA-7-S-20260527	C00703	4.69	1.24	48.4	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603886.D	2026-06-11 18:45	1.082	10.655	436182	540285	64.8	10.557	-6.4%
IRVSEA-8-S-20260527	C55513	12.0	3.18	124	58.9	0.511	20195	0.242	0.509	0.0643	0.135		F2603887.D	2026-06-11 19:10	1.082	10.655	1171400	567175	64.8	10.557	-1.7%
IRVSEA-8-D-20260527	C57504	12.0	3.20	124	58.9	0.511	20195	0.242	0.509	0.0643	0.135		F2603888.D	2026-06-11 19:35	1.082	10.655	1159009	558785	64.8	10.557	-3.2%
IRVSEA-8-B-20260527	B44278	0.242	0.0643		58.9	0.511	20195	0.242	0.509	0.0643	0.135	ND	F2603890.D	2026-06-11 20:26	1.082	10.655	15008	554092	64.8	10.563	-4.0%
IRVSEA-9-S-20260527	C69789	6.87	1.82	70.9	58.9	0.511	20194	0.242	0.509	0.0643	0.135		F2603891.D	2026-06-11 20:52	1.082	10.655	664192	561632	64.8	10.557	-2.7%
IRVSEA-10-S-20260527	C32892	10.2	2.70	105	58.9	0.511	20193	0.242	0.509	0.0643	0.135		F2603892.D	2026-06-11 21:17	1.082	10.655	978874	559267	64.8	10.557	-3.1%
IRVSEA-11-S-20260527	C55574	7.39	1.96	76.3	58.9	0.511	20193	0.242	0.509	0.0643	0.135		F2603893.D	2026-06-11 21:43	1.082	10.655	689229	541298	64.8	10.563	-6.2%
IRVSEA-12-S-20260527	C16151	3.34	0.887	34.5	58.9	0.511	20198	0.242	0.509	0.0643	0.135		F2603894.D	2026-06-11 22:08	1.082	10.655	317041	550942	64.8	10.563	-4.5%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260527	C40575	1.47	0.391	15.2	58.9	0.511	20197	0.242	0.509	0.0643	0.135		F2603895.D	2026-06-11 22:34	1.082	10.655	137071	541081	64.8	10.557	-6.2%
IRVSEA-14-S-20260527	B34419	1.16	0.308	12.0	58.9	0.511	20196	0.242	0.509	0.0643	0.135		F2603896.D	2026-06-11 23:00	1.082	10.654	107243	536710	64.8	10.557	-7.0%
IRVSEA-15-S-20260527	C55771	0.912	0.242	9.41	58.9	0.511	20193	0.242	0.509	0.0643	0.135		F2603897.D	2026-06-11 23:25	1.082	10.655	81644	519964	64.8	10.557	-9.9%
IRVSEA-16-S-20260527	B52758	0.673	0.179	6.95	58.9	0.511	20193	0.242	0.509	0.0643	0.135		F2603898.D	2026-06-11 23:50	1.082	10.655	58970	508432	64.8	10.557	-11.9%
IRVSEA-17-S-20260527	B44224	0.686	0.182	7.08	58.9	0.511	20192	0.242	0.509	0.0643	0.135		F2603899.D	2026-06-12 00:16	1.082	10.655	57356	485878	64.8	10.563	-15.8%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260527	C32905	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603879.D	2026-06-11 15:46	1.281	12.839	23607	556514	64.8	10.557	-3.6%
IRVSEA-2-S-20260527	C71686	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603880.D	2026-06-11 16:11	1.281	12.839	18594	547400	64.8	10.557	-5.1%
IRVSEA-2-D-20260527	B48047	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603881.D	2026-06-11 16:37	1.281	12.839	15510	544892	64.8	10.557	-5.6%
IRVSEA-2-B-20260527	C16105	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603878.D	2026-06-11 15:21	1.281	12.845	1203	561052	64.8	10.557	-2.8%
IRVSEA-3-S-20260527	C71599	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603882.D	2026-06-11 17:02	1.281	12.839	26215	555687	64.8	10.557	-3.7%
IRVSEA-4-S-20260527	C55382	0.579	0.133	5.29	58.9	0.452	20196	0.274	0.598	0.0631	0.138	J	F2603883.D	2026-06-11 17:28	1.281	12.845	56063	536667	64.8	10.556	-7.0%
IRVSEA-5-S-20260527	C43889	0.274	0.0631		58.9	0.452	20197	0.274	0.598	0.0631	0.138	ND	F2603884.D	2026-06-11 17:53	1.281	12.839	21691	541954	64.8	10.563	-6.1%
IRVSEA-6-S-20260527	C32896	0.352	0.0810	3.21	58.9	0.452	20197	0.274	0.598	0.0631	0.138	J	F2603885.D	2026-06-11 18:19	1.281	12.839	34053	536703	64.8	10.557	-7.0%
IRVSEA-7-S-20260527	C00703	0.684	0.158	6.25	58.9	0.452	20196	0.274	0.598	0.0631	0.138		F2603886.D	2026-06-11 18:45	1.281	12.839	66692	540285	64.8	10.557	-6.4%
IRVSEA-8-S-20260527	C55513	1.64	0.379	15.0	58.9	0.452	20195	0.274	0.598	0.0631	0.138		F2603887.D	2026-06-11 19:10	1.281	12.839	168233	567175	64.8	10.557	-1.7%
IRVSEA-8-D-20260527	C57504	1.64	0.379	15.0	58.9	0.452	20195	0.274	0.598	0.0631	0.138		F2603888.D	2026-06-11 19:35	1.281	12.839	165757	558785	64.8	10.557	-3.2%
IRVSEA-8-B-20260527	B44278	0.274	0.0631		58.9	0.452	20195	0.274	0.598	0.0631	0.138	ND	F2603890.D	2026-06-11 20:26	1.281	12.839	919	554092	64.8	10.563	-4.0%
IRVSEA-9-S-20260527	C69789	0.851	0.196	7.77	58.9	0.452	20194	0.274	0.598	0.0631	0.138		F2603891.D	2026-06-11 20:52	1.281	12.839	86234	561632	64.8	10.557	-2.7%
IRVSEA-10-S-20260527	C32892	1.42	0.326	12.9	58.9	0.452	20193	0.274	0.598	0.0631	0.138		F2603892.D	2026-06-11 21:17	1.281	12.839	142980	559267	64.8	10.557	-3.1%
IRVSEA-11-S-20260527	C55574	1.10	0.253	10.0	58.9	0.452	20193	0.274	0.598	0.0631	0.138		F2603893.D	2026-06-11 21:43	1.281	12.839	107364	541298	64.8	10.563	-6.2%
IRVSEA-12-S-20260527	C16151	0.637	0.147	5.82	58.9	0.452	20198	0.274	0.598	0.0631	0.138		F2603894.D	2026-06-11 22:08	1.281	12.839	63329	550942	64.8	10.563	-4.5%
IRVSEA-13-S-20260527	C40575	0.457	0.105	4.18	58.9	0.452	20197	0.274	0.598	0.0631	0.138	J	F2603895.D	2026-06-11 22:34	1.281	12.845	44650	541081	64.8	10.557	-6.2%
IRVSEA-14-S-20260527	B34419	0.274	0.0631		58.9	0.452	20196	0.274	0.598	0.0631	0.138	ND	F2603896.D	2026-06-11 23:00	1.281	12.845	25890	536710	64.8	10.557	-7.0%
IRVSEA-15-S-20260527	C55771	0.274	0.0631		58.9	0.452	20193	0.274	0.598	0.0631	0.138	ND	F2603897.D	2026-06-11 23:25	1.281	12.839	11094	519964	64.8	10.557	-9.9%
IRVSEA-16-S-20260527	B52758	0.274	0.0631		58.9	0.452	20193	0.274	0.598	0.0631	0.138	ND	F2603898.D	2026-06-11 23:50	1.281	12.845	9020	508432	64.8	10.557	-11.9%
IRVSEA-17-S-20260527	B44224	0.274	0.0631		58.9	0.452	20192	0.274	0.598	0.0631	0.138	ND	F2603899.D	2026-06-12 00:16	1.281	12.839	7267	485878	64.8	10.563	-15.8%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260527	C32905	0.367	0.0845	3.35	58.9	0.452	20196	0.274	0.670	0.0631	0.154	J,Pc	F2603879.D	2026-06-11 15:46	1.007	13.016	28938	556514	64.8	10.557	-3.6%
IRVSEA-2-S-20260527	C71686	0.678	0.156	6.19	58.9	0.452	20196	0.274	0.670	0.0631	0.154	Pc	F2603880.D	2026-06-11 16:11	1.007	13.016	52598	547400	64.8	10.557	-5.1%
IRVSEA-2-D-20260527	B48047	0.411	0.0948	3.76	58.9	0.452	20196	0.274	0.670	0.0631	0.154	J,Pc	F2603881.D	2026-06-11 16:37	1.007	13.016	31764	544892	64.8	10.557	-5.6%
IRVSEA-2-B-20260527	C16105	0.274	0.0631		58.9	0.452	20196	0.274	0.670	0.0631	0.154	ND,Pc	F2603878.D	2026-06-11 15:21	1.007	13.022	863	561052	64.8	10.557	-2.8%
IRVSEA-3-S-20260527	C71599	0.863	0.199	7.88	58.9	0.452	20196	0.274	0.670	0.0631	0.154	Pc	F2603882.D	2026-06-11 17:02	1.007	13.016	67996	555687	64.8	10.557	-3.7%
IRVSEA-4-S-20260527	C55382	1.47	0.338	13.4	58.9	0.452	20196	0.274	0.670	0.0631	0.154	Pc	F2603883.D	2026-06-11 17:28	1.007	13.016	111713	536667	64.8	10.556	-7.0%
IRVSEA-5-S-20260527	C43889	0.509	0.117	4.65	58.9	0.452	20197	0.274	0.670	0.0631	0.154	J,Pc	F2603884.D	2026-06-11 17:53	1.007	13.016	39097	541954	64.8	10.563	-6.1%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260527	C32896	0.927	0.214	8.46	58.9	0.452	20197	0.274	0.670	0.0631	0.154	Pc	F2603885.D	2026-06-11 18:19	1.007	13.016	70520	536703	64.8	10.557	-7.0%
IRVSEA-7-S-20260527	C00703	2.12	0.489	19.4	58.9	0.452	20196	0.274	0.670	0.0631	0.154	Pc	F2603886.D	2026-06-11 18:45	1.007	13.016	162650	540285	64.8	10.557	-6.4%
IRVSEA-8-S-20260527	C55513	5.79	1.33	52.8	58.9	0.452	20195	0.274	0.670	0.0631	0.154	Pc	F2603887.D	2026-06-11 19:10	1.007	13.016	465144	567175	64.8	10.557	-1.7%
IRVSEA-8-D-20260527	C57504	6.06	1.40	55.3	58.9	0.452	20195	0.274	0.670	0.0631	0.154	Pc	F2603888.D	2026-06-11 19:35	1.007	13.016	480066	558785	64.8	10.557	-3.2%
IRVSEA-8-B-20260527	B44278	0.274	0.0631		58.9	0.452	20195	0.274	0.670	0.0631	0.154	ND,Pc	F2603890.D	2026-06-11 20:26	1.007	13.022	1065	554092	64.8	10.563	-4.0%
IRVSEA-9-S-20260527	C69789	3.21	0.739	29.3	58.9	0.452	20194	0.274	0.670	0.0631	0.154	Pc	F2603891.D	2026-06-11 20:52	1.007	13.016	255194	561632	64.8	10.557	-2.7%
IRVSEA-10-S-20260527	C32892	4.58	1.06	41.9	58.9	0.452	20193	0.274	0.670	0.0631	0.154	Pc	F2603892.D	2026-06-11 21:17	1.007	13.016	363388	559267	64.8	10.557	-3.1%
IRVSEA-11-S-20260527	C55574	3.49	0.803	31.8	58.9	0.452	20193	0.274	0.670	0.0631	0.154	Pc	F2603893.D	2026-06-11 21:43	1.007	13.016	267398	541298	64.8	10.563	-6.2%
IRVSEA-12-S-20260527	C16151	1.76	0.405	16.1	58.9	0.452	20198	0.274	0.670	0.0631	0.154	Pc	F2603894.D	2026-06-11 22:08	1.007	13.016	137407	550942	64.8	10.563	-4.5%
IRVSEA-13-S-20260527	C40575	1.40	0.322	12.7	58.9	0.452	20197	0.274	0.670	0.0631	0.154	Pc	F2603895.D	2026-06-11 22:34	1.007	13.016	107060	541081	64.8	10.557	-6.2%
IRVSEA-14-S-20260527	B34419	0.769	0.177	7.02	58.9	0.452	20196	0.274	0.670	0.0631	0.154	Pc	F2603896.D	2026-06-11 23:00	1.007	13.016	58484	536710	64.8	10.557	-7.0%
IRVSEA-15-S-20260527	C55771	0.313	0.0720	2.85	58.9	0.452	20193	0.274	0.670	0.0631	0.154	J,Pc	F2603897.D	2026-06-11 23:25	1.007	13.016	23039	519964	64.8	10.557	-9.9%
IRVSEA-16-S-20260527	B52758	0.274	0.0631		58.9	0.452	20193	0.274	0.670	0.0631	0.154	ND,Pc	F2603898.D	2026-06-11 23:50	1.007	13.016	12943	508432	64.8	10.557	-11.9%
IRVSEA-17-S-20260527	B44224	0.274	0.0631		58.9	0.452	20192	0.274	0.670	0.0631	0.154	ND,Pc	F2603899.D	2026-06-12 00:16	1.007	13.016	11758	485878	64.8	10.563	-15.8%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260527	C32905	0.274	0.0631		58.9	0.452	20196	0.274	0.623	0.0631	0.144	ND	F2603879.D	2026-06-11 15:46	1.059	13.518	11167	556514	64.8	10.557	-3.6%
IRVSEA-2-S-20260527	C71686	0.274	0.0631		58.9	0.452	20196	0.274	0.623	0.0631	0.144	ND	F2603880.D	2026-06-11 16:11	1.059	13.524	21552	547400	64.8	10.557	-5.1%
IRVSEA-2-D-20260527	B48047	0.274	0.0631		58.9	0.452	20196	0.274	0.623	0.0631	0.144	ND	F2603881.D	2026-06-11 16:37	1.059	13.524	13224	544892	64.8	10.557	-5.6%
IRVSEA-2-B-20260527	C16105	0.274	0.0631		58.9	0.452	20196	0.274	0.623	0.0631	0.144	ND	F2603878.D	2026-06-11 15:21	1.059	13.848	0	561052	64.8	10.557	-2.8%
IRVSEA-3-S-20260527	C71599	0.289	0.0667	2.64	58.9	0.452	20196	0.274	0.623	0.0631	0.144	J	F2603882.D	2026-06-11 17:02	1.059	13.524	23977	555687	64.8	10.557	-3.7%
IRVSEA-4-S-20260527	C55382	0.288	0.0665	2.63	58.9	0.452	20196	0.274	0.623	0.0631	0.144	J	F2603883.D	2026-06-11 17:28	1.059	13.524	23085	536667	64.8	10.556	-7.0%
IRVSEA-5-S-20260527	C43889	0.274	0.0631		58.9	0.452	20197	0.274	0.623	0.0631	0.144	ND	F2603884.D	2026-06-11 17:53	1.059	13.524	14668	541954	64.8	10.563	-6.1%
IRVSEA-6-S-20260527	C32896	0.338	0.0778	3.08	58.9	0.452	20197	0.274	0.623	0.0631	0.144	J	F2603885.D	2026-06-11 18:19	1.059	13.524	27040	536703	64.8	10.557	-7.0%
IRVSEA-7-S-20260527	C00703	0.796	0.183	7.27	58.9	0.452	20196	0.274	0.623	0.0631	0.144		F2603886.D	2026-06-11 18:45	1.059	13.524	64155	540285	64.8	10.557	-6.4%
IRVSEA-8-S-20260527	C55513	2.11	0.487	19.3	58.9	0.452	20195	0.274	0.623	0.0631	0.144		F2603887.D	2026-06-11 19:10	1.059	13.524	178835	567175	64.8	10.557	-1.7%
IRVSEA-8-D-20260527	C57504	2.26	0.521	20.6	58.9	0.452	20195	0.274	0.623	0.0631	0.144		F2603888.D	2026-06-11 19:35	1.059	13.518	188422	558785	64.8	10.557	-3.2%
IRVSEA-8-B-20260527	B44278	0.274	0.0631		58.9	0.452	20195	0.274	0.623	0.0631	0.144	ND	F2603890.D	2026-06-11 20:26	1.059	13.536	523	554092	64.8	10.563	-4.0%
IRVSEA-9-S-20260527	C69789	1.18	0.273	10.8	58.9	0.452	20194	0.274	0.623	0.0631	0.144		F2603891.D	2026-06-11 20:52	1.059	13.518	99168	561632	64.8	10.557	-2.7%
IRVSEA-10-S-20260527	C32892	1.67	0.384	15.2	58.9	0.452	20193	0.274	0.623	0.0631	0.144		F2603892.D	2026-06-11 21:17	1.059	13.524	139087	559267	64.8	10.557	-3.1%
IRVSEA-11-S-20260527	C55574	1.30	0.299	11.8	58.9	0.452	20193	0.274	0.623	0.0631	0.144		F2603893.D	2026-06-11 21:43	1.059	13.524	104569	541298	64.8	10.563	-6.2%
IRVSEA-12-S-20260527	C16151	0.614	0.141	5.61	58.9	0.452	20198	0.274	0.623	0.0631	0.144	J	F2603894.D	2026-06-11 22:08	1.059	13.518	50447	550942	64.8	10.563	-4.5%
IRVSEA-13-S-20260527	C40575	0.359	0.0827	3.28	58.9	0.452	20197	0.274	0.623	0.0631	0.144	J	F2603895.D	2026-06-11 22:34	1.059	13.524	28967	541081	64.8	10.557	-6.2%
IRVSEA-14-S-20260527	B34419	0.274	0.0631		58.9	0.452	20196	0.274	0.623	0.0631	0.144	ND	F2603896.D	2026-06-11 23:00	1.059	13.524	19062	536710	64.8	10.557	-7.0%
IRVSEA-15-S-20260527	C55771	0.274	0.0631		58.9	0.452	20193	0.274	0.623	0.0631	0.144	ND	F2603897.D	2026-06-11 23:25	1.059	13.524	9244	519964	64.8	10.557	-9.9%
IRVSEA-16-S-20260527	B52758	0.274	0.0631		58.9	0.452	20193	0.274	0.623	0.0631	0.144	ND	F2603898.D	2026-06-11 23:50	1.059	13.518	5508	508432	64.8	10.557	-11.9%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260527	B44224	0.274	0.0631		58.9	0.452	20192	0.274	0.623	0.0631	0.144	ND	F2603899.D	2026-06-12 00:16	1.059	13.524	4888	485878	64.8	10.563	-15.8%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260527	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260527	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260527	0.83%	Pass	6.9%	Pass	ND	Pass	49%	Fail	ND	Pass
	IRVSEA-8-D-20260527	1.1%	Pass	0.43%	Pass	0.0081%	Pass	4.6%	Pass	6.7%	Pass

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603876.D	C37061	Cal	0.942	0.864	0.942	9.0%	9.1%		Pass	
2026GG206 Method Blank 1	F2603877.D	C69538	Blank		0.864	0.942			-0.80%	Pass	ND
M325B CCV 5	F2603889.D	C55319	Check	0.953	0.864	0.942	10%		-1.9%	Pass	
M325B CCV 5	F2603900.D	B46266	Check	0.930	0.864	0.942	7.6%		-13%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603876.D	C37061	Cal	1.082	1.050	1.082	3.0%	13%		Pass	
2026GG206 Method Blank 1	F2603877.D	C69538	Blank		1.050	1.082			0.69%	Pass	ND
M325B CCV 5	F2603889.D	C55319	Check	1.122	1.050	1.082	6.9%		-0.97%	Pass	
M325B CCV 5	F2603900.D	B46266	Check	1.106	1.050	1.082	5.4%		-15%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603876.D	C37061	Cal	1.281	1.233	1.281	3.9%	13%		Pass	
2026GG206 Method Blank 1	F2603877.D	C69538	Blank		1.233	1.281			0.69%	Pass	ND
M325B CCV 5	F2603889.D	C55319	Check	1.329	1.233	1.281	7.7%		-0.97%	Pass	
M325B CCV 5	F2603900.D	B46266	Check	1.289	1.233	1.281	4.5%		-15%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603876.D	C37061	Cal	1.007	1.028	1.007	-2.1%	13%		Pass	
2026GG206 Method Blank 1	F2603877.D	C69538	Blank		1.028	1.007			0.69%	Pass	ND
M325B CCV 5	F2603889.D	C55319	Check	1.082	1.028	1.007	5.3%		-0.97%	Pass	
M325B CCV 5	F2603900.D	B46266	Check	1.035	1.028	1.007	0.61%		-15%	Pass	

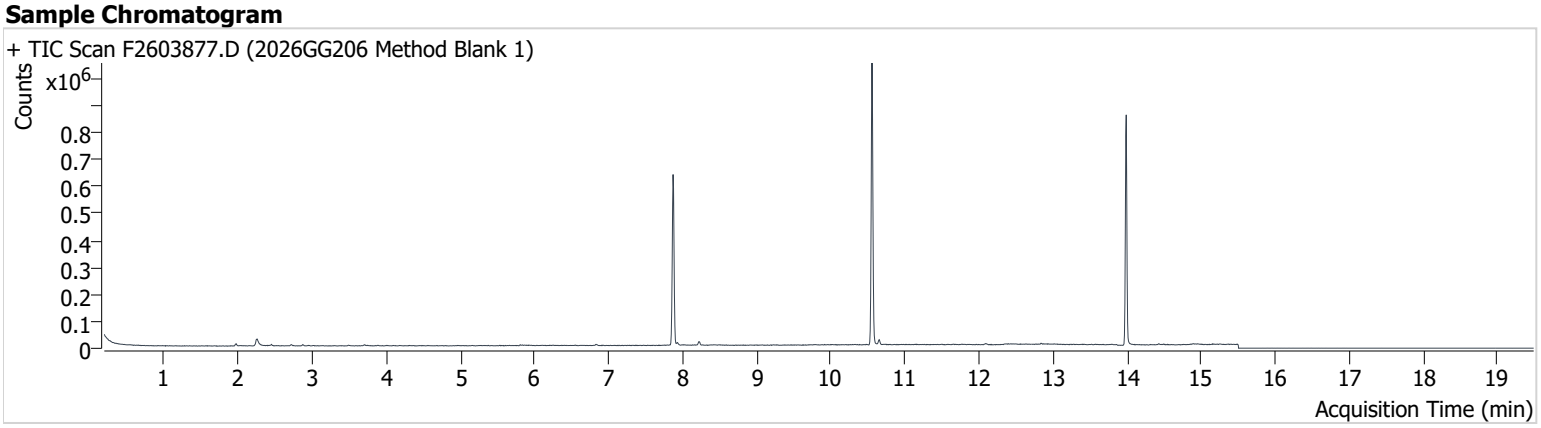
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	F2603876.D	C37061	Cal	1.059	1.054	1.059	0.51%	13%		Pass	
2026GG206 Method Blank 1	F2603877.D	C69538	Blank		1.054	1.059			0.69%	Pass	ND
M325B CCV 5	F2603889.D	C55319	Check	1.109	1.054	1.059	5.3%		-0.97%	Pass	
M325B CCV 5	F2603900.D	B46266	Check	1.111	1.054	1.059	5.4%		-15%	Pass	

Chromatograms

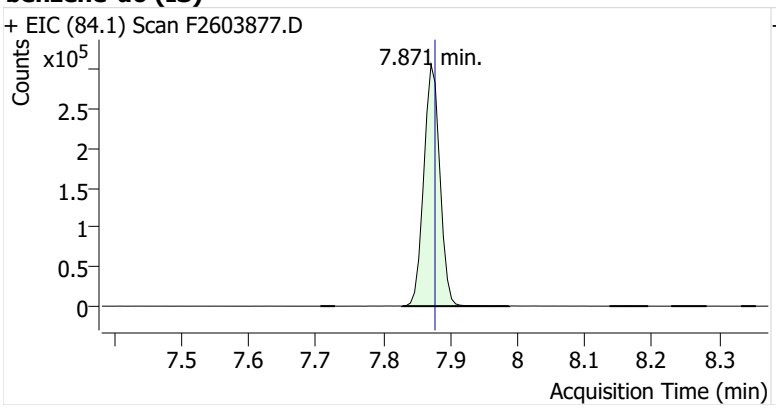
Name	2026GG206 Method Blank 1
Comment	C69538
Data File	F2603877.D
Acq. Date-Time	6/11/2026 2:55:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

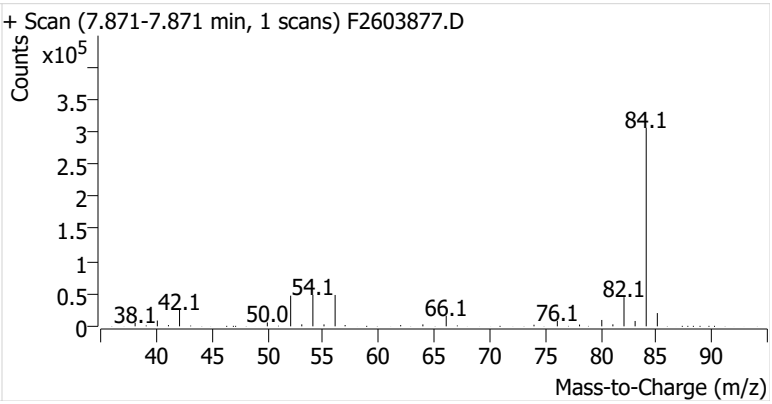
Sample Chromatogram



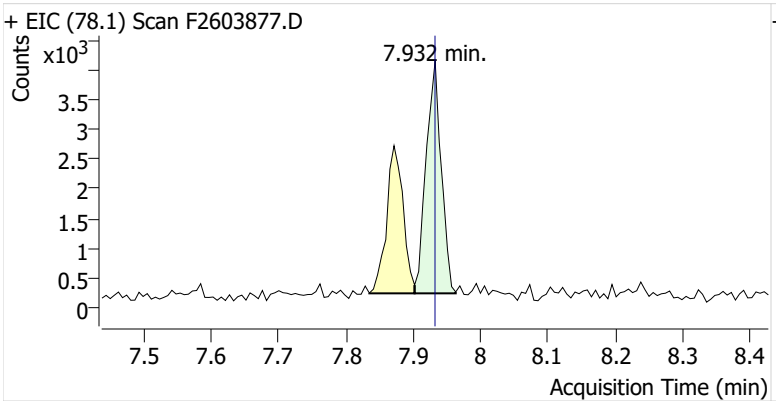
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	507,374	
Benzene	benzene-d6 (IS)	7.932	7.932	6,123	
Toluene-d8 (IS)		10.557	10.557	581,049	
Toluene	Toluene-d8 (IS)	10.655	10.655	10,683	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	1,895	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	756	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	570	

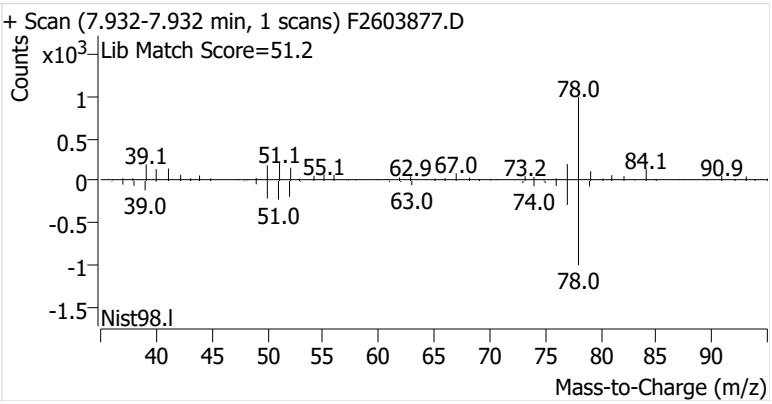
benzene-d6 (IS)



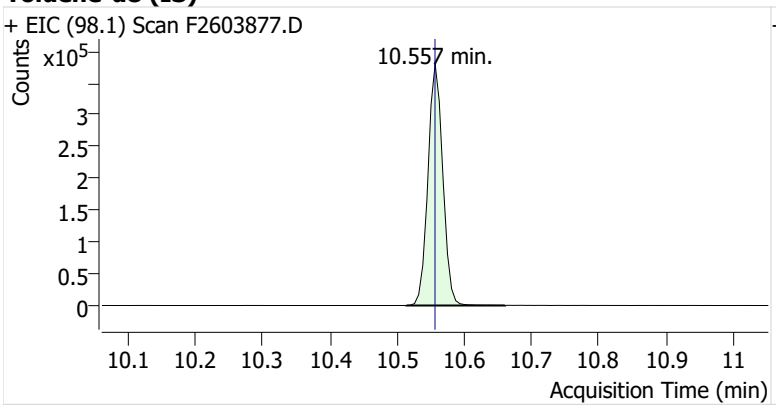


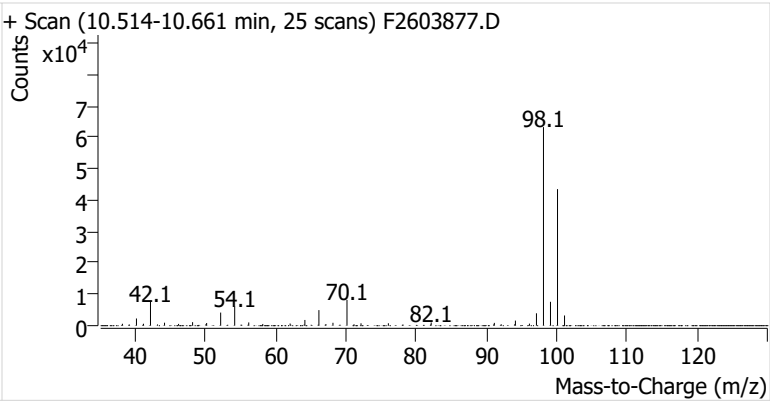
Benzene



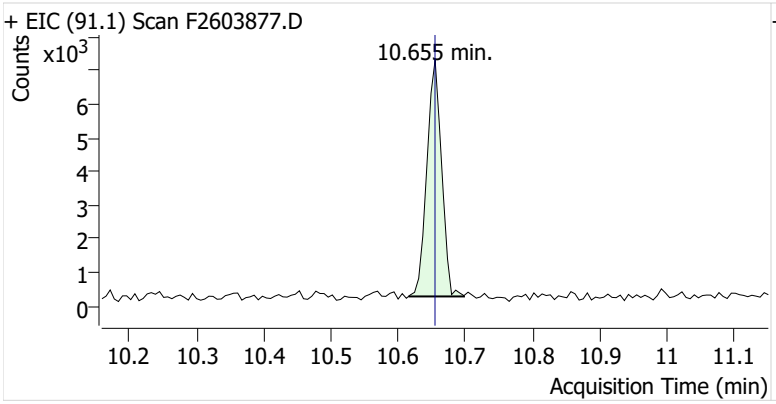


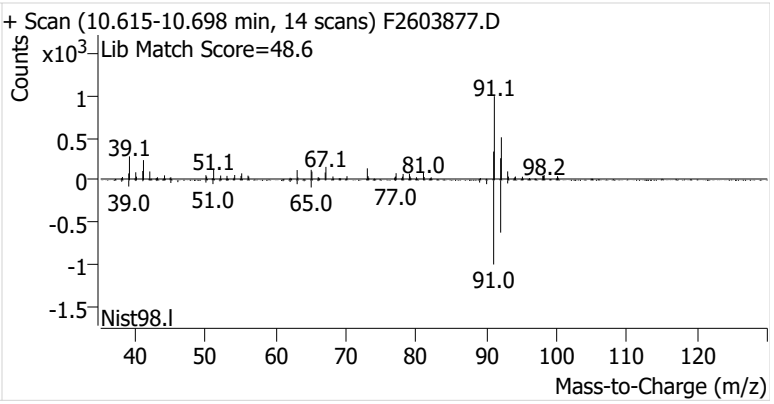
Toluene-d8 (IS)



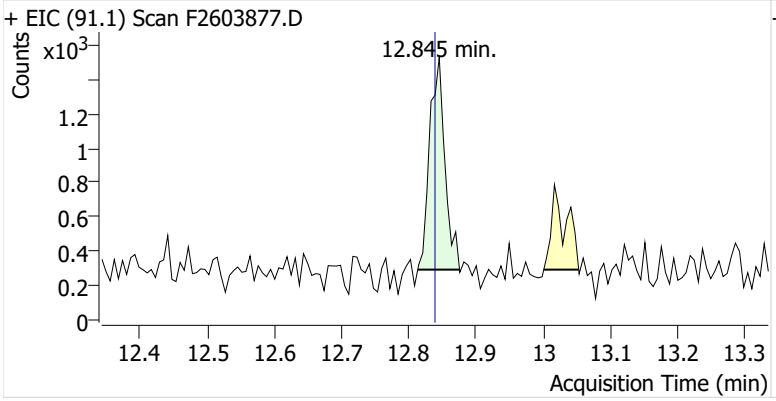


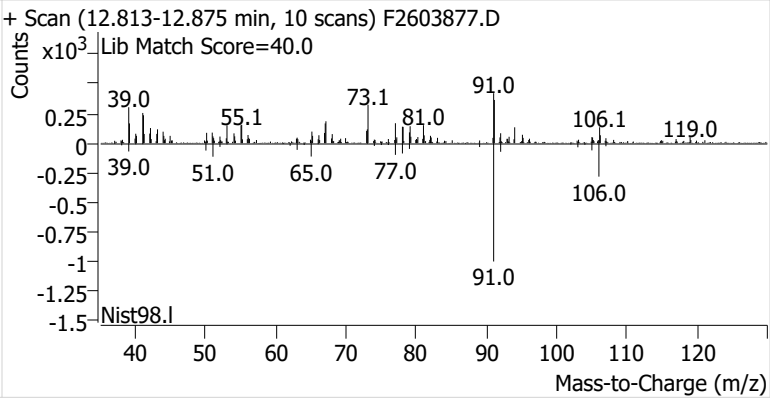
Toluene



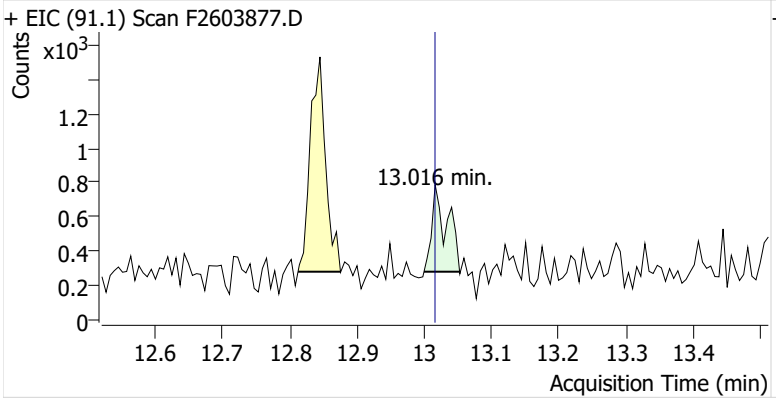


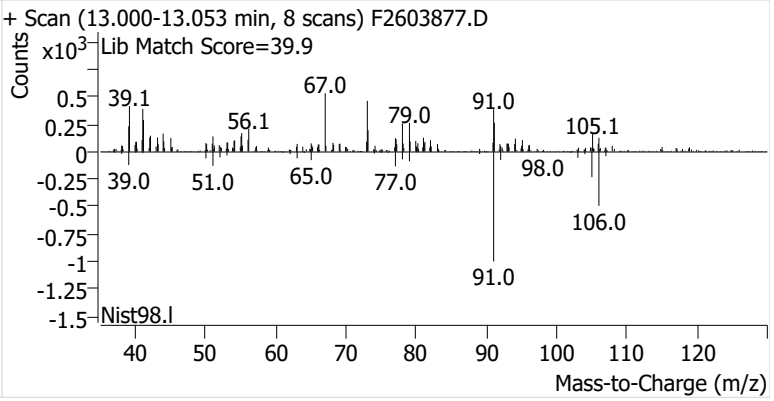
Ethylbenzene



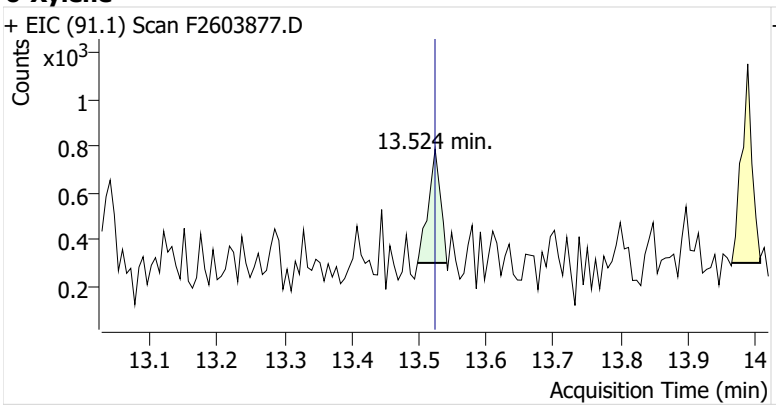


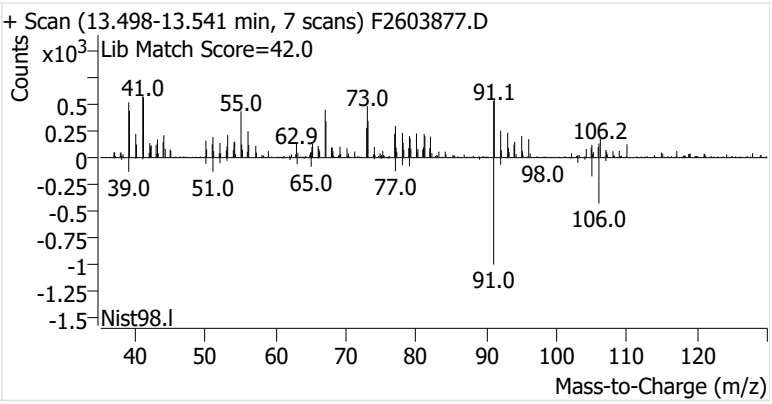
m-/p-Xylenes





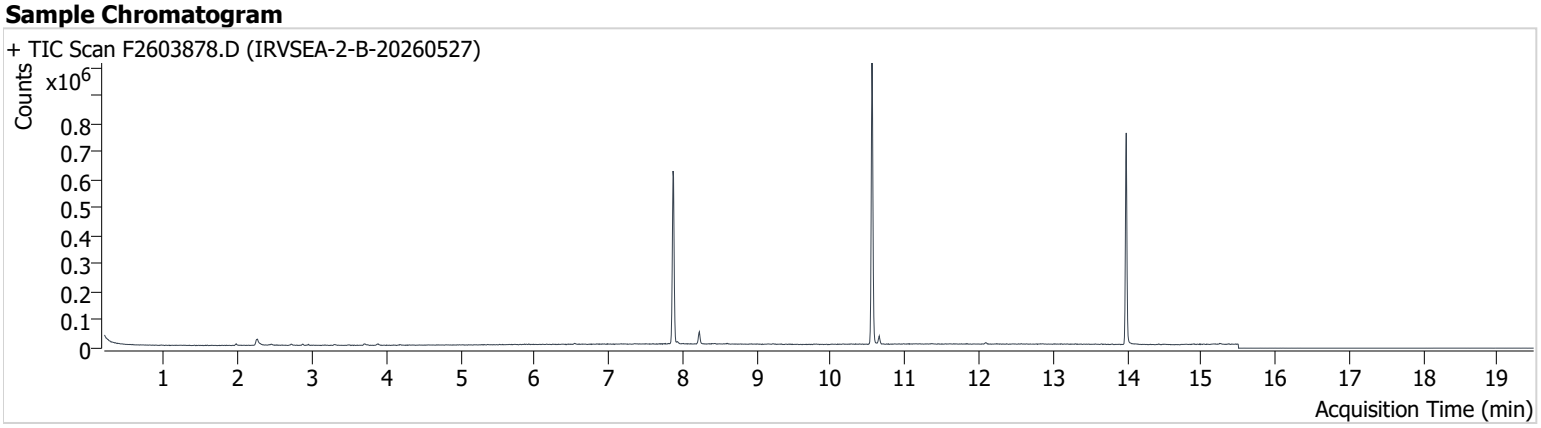
o-Xylene


+ EIC (91.1) Scan F2603877.D
Counts
x10^3
1
0.8
0.6
0.4
0.2
13.524 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.498-13.541 min, 7 scans) F2603877.D
Lib Match Score=42.0
Counts
x10^3
0.5
0.25
0
-0.25
-0.5
-0.75
-1
-1.25
-1.5
41.0
55.0
73.0
91.1
62.9
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

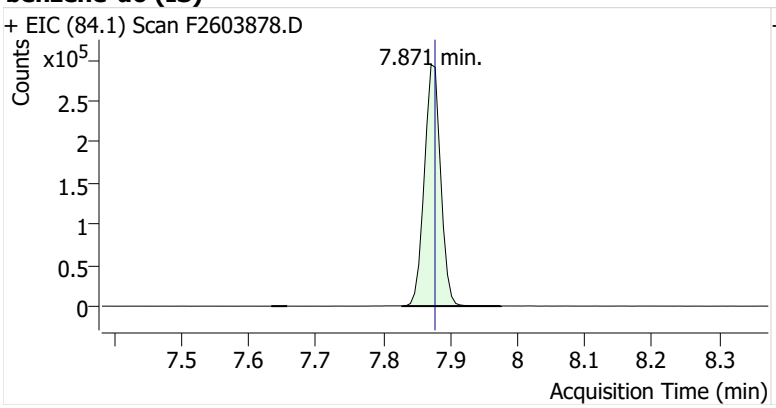
Name	IRVSEA-2-B-20260527
Comment	C16105
Data File	F2603878.D
Acq. Date-Time	6/11/2026 3:21:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

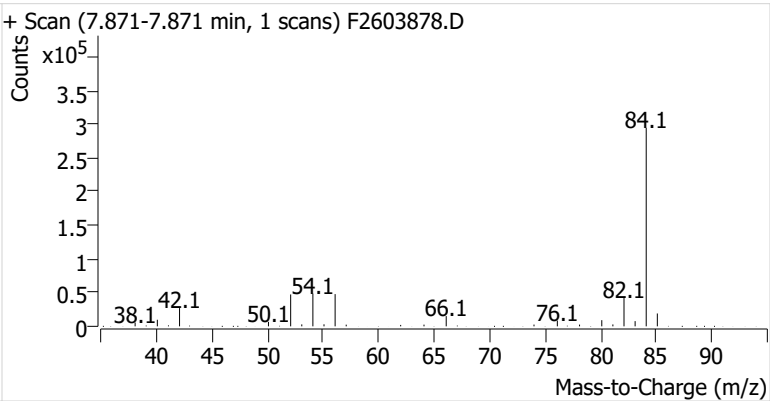
Sample Chromatogram



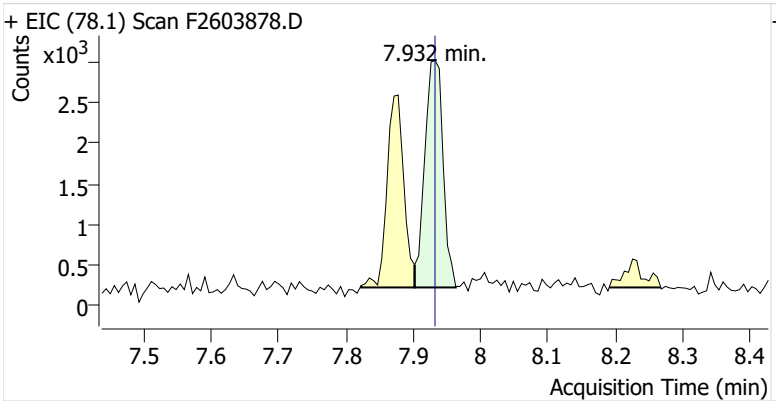
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	496,226	
Benzene	benzene-d6 (IS)	7.932	7.932	5,287	
Toluene-d8 (IS)		10.557	10.557	561,052	
Toluene	Toluene-d8 (IS)	10.655	10.655	15,643	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	1,203	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.016	863	m
o-Xylene	Toluene-d8 (IS)	13.848	13.524	ND	m

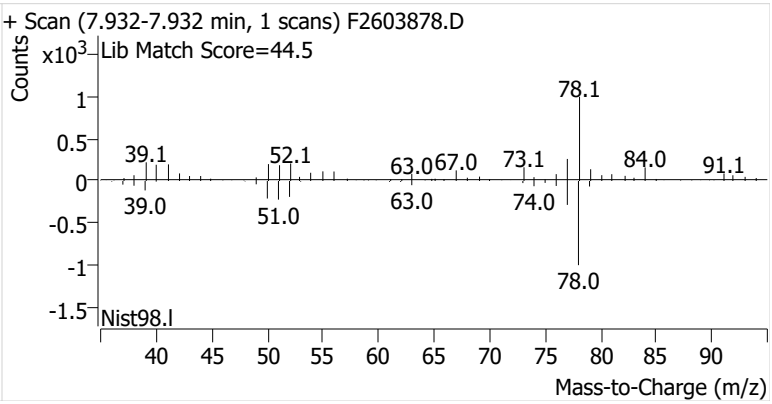
benzene-d6 (IS)



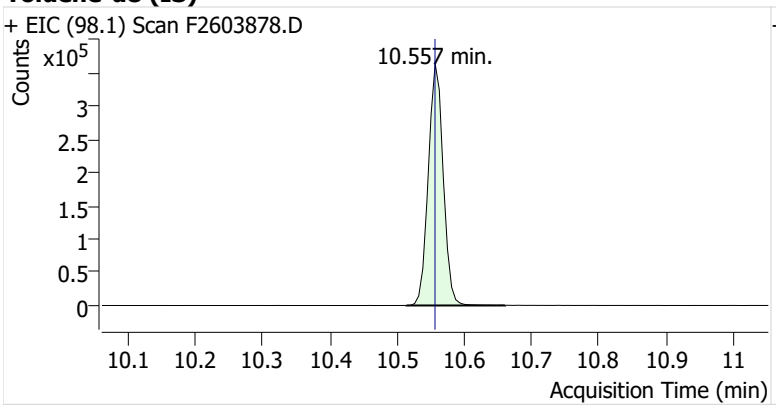


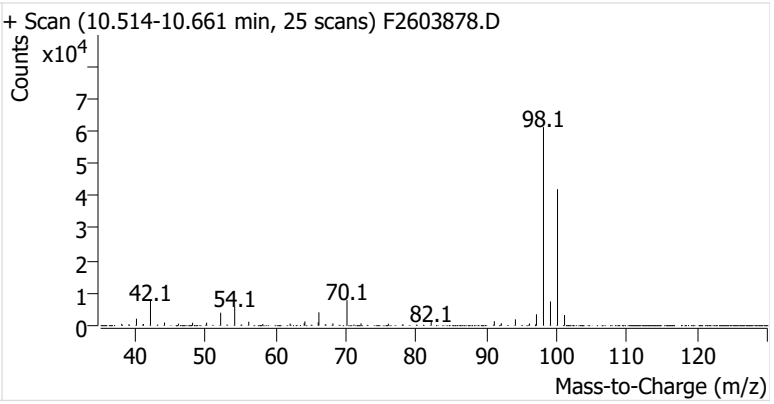
Benzene



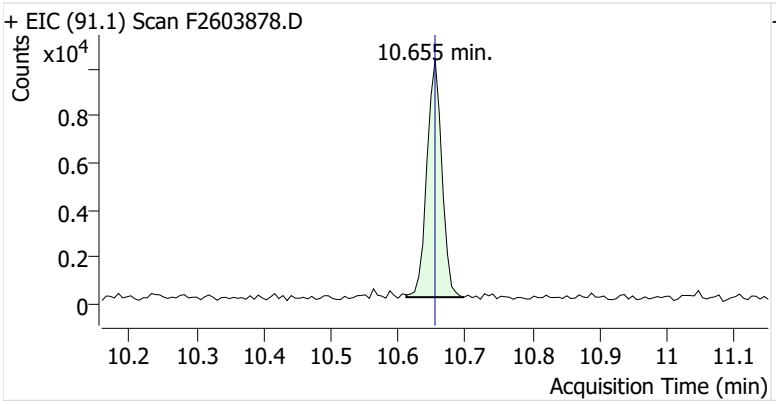


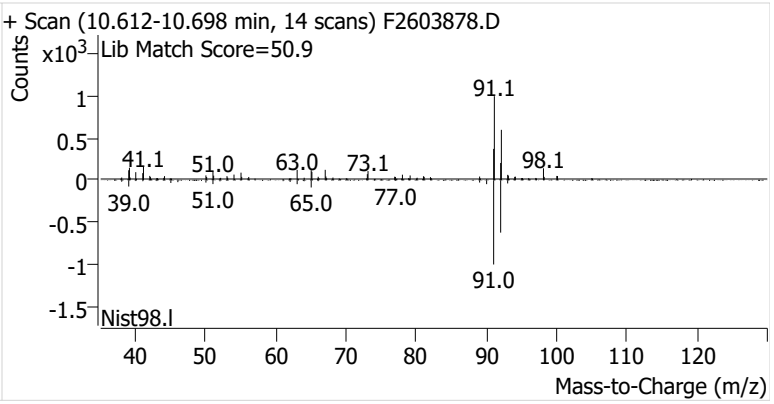
Toluene-d8 (IS)



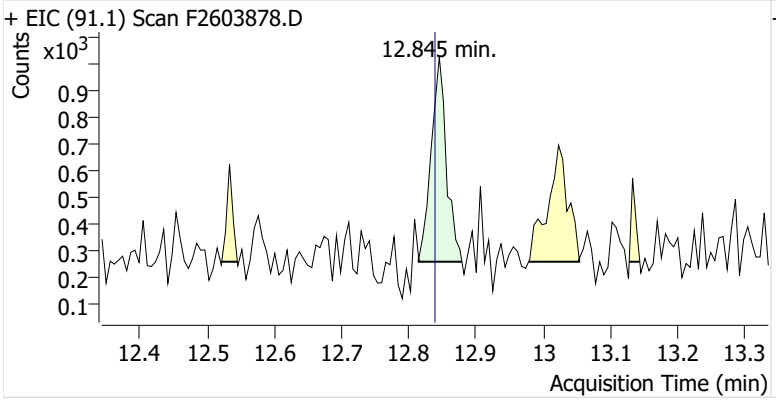


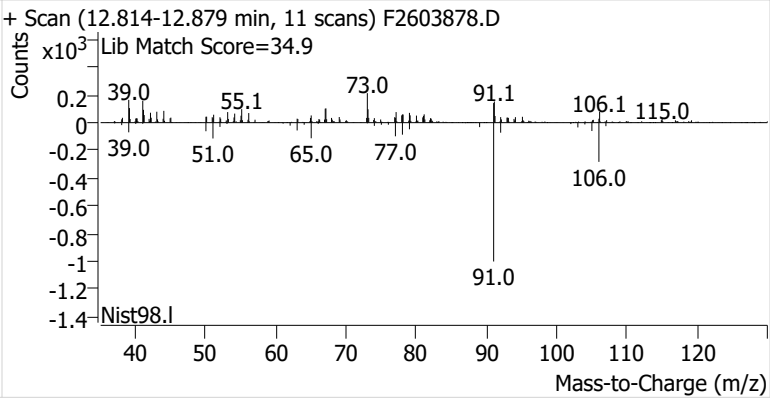
Toluene



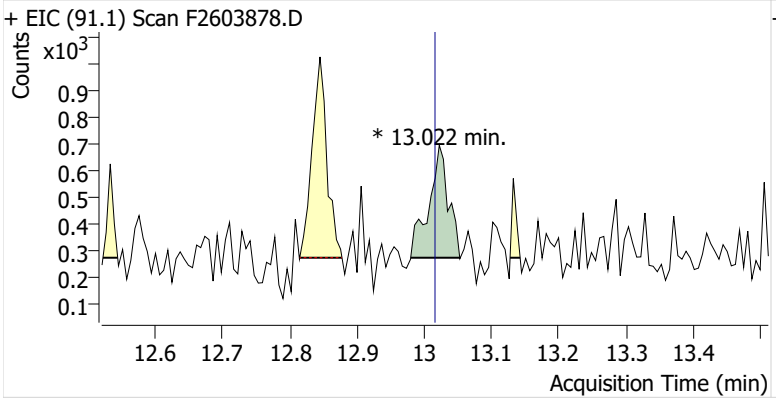


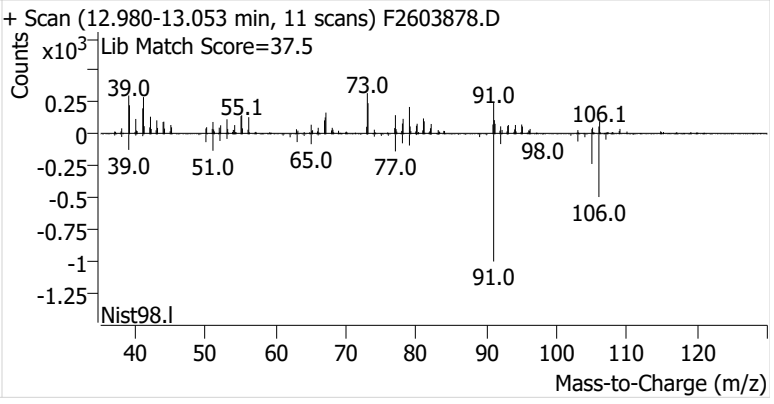
Ethylbenzene



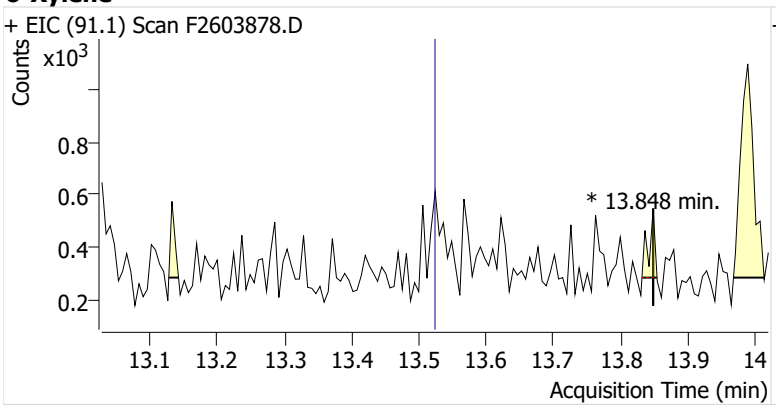


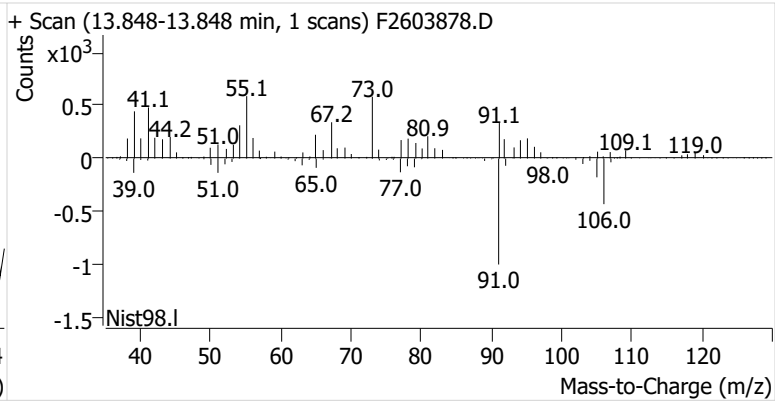
m-/p-Xylenes





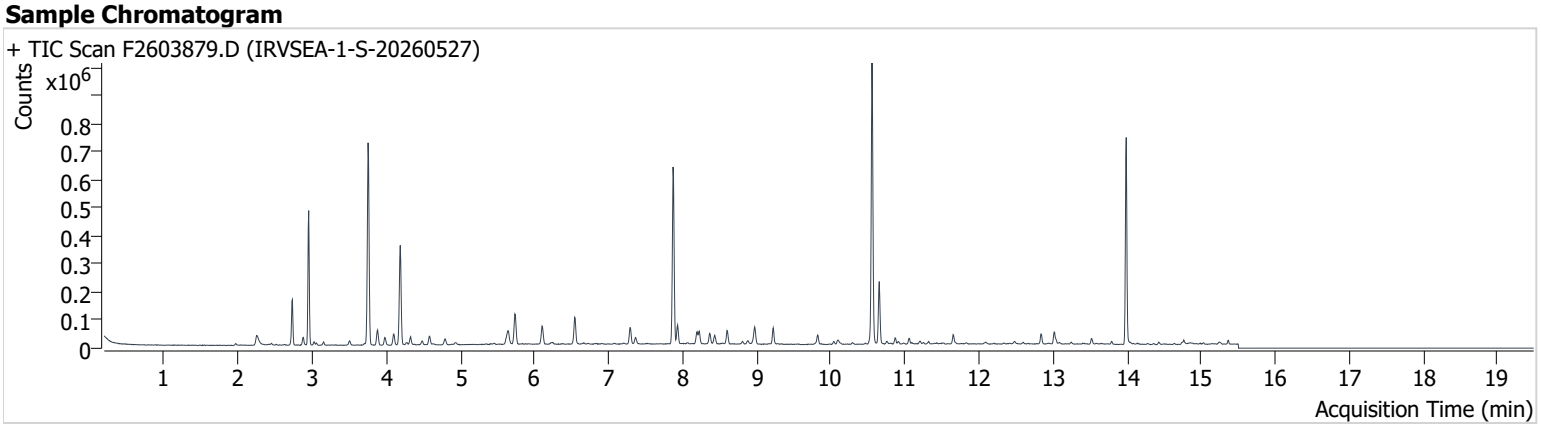
o-Xylene


+ EIC (91.1) Scan F2603878.D
Counts
x10^3
0.8
0.6
0.4
0.2
* 13.848 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.848-13.848 min, 1 scans) F2603878.D
Counts
x10^3
0.5
0
-0.5
-1
-1.5
41.1
44.2
55.1
51.0
67.2
73.0
80.9
91.1
109.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

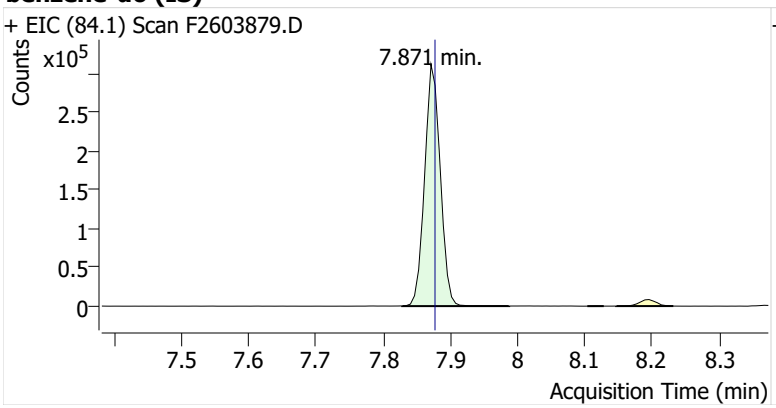
Name	IRVSEA-1-S-20260527
Comment	C32905
Data File	F2603879.D
Acq. Date-Time	6/11/2026 3:46:26 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

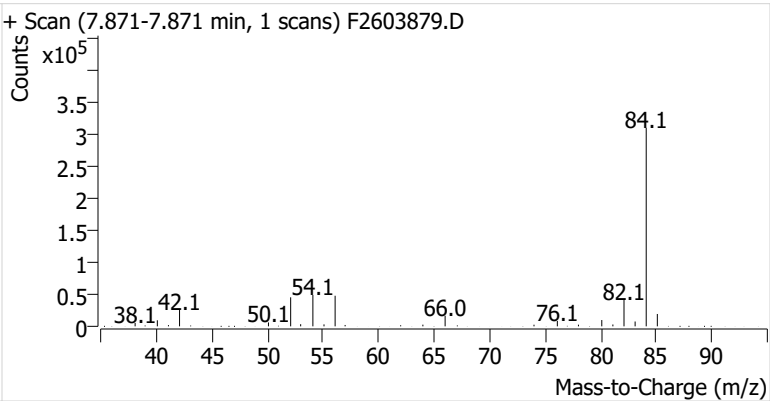
Sample Chromatogram



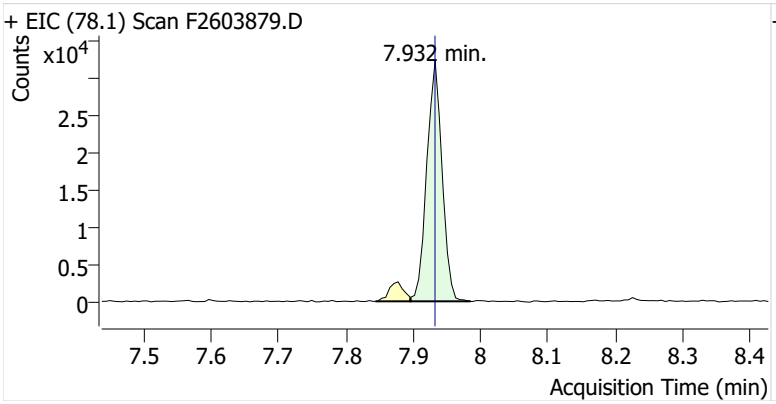
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	502,216	
Benzene	benzene-d6 (IS)	7.932	7.932	50,792	
Toluene-d8 (IS)		10.557	10.557	556,514	
Toluene	Toluene-d8 (IS)	10.655	10.655	123,762	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	23,607	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	28,938	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	11,167	

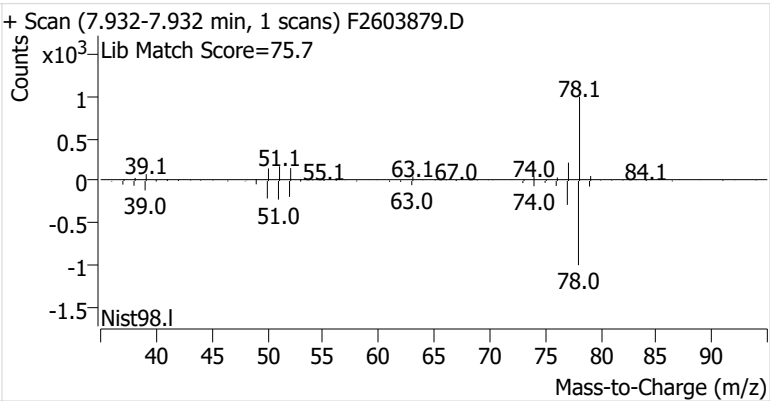
benzene-d6 (IS)



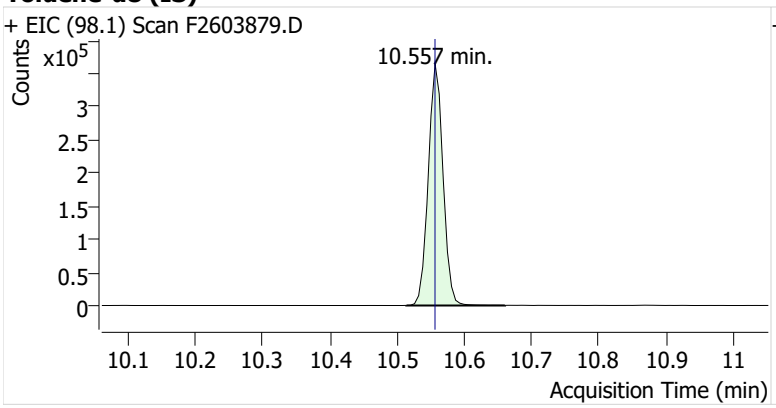


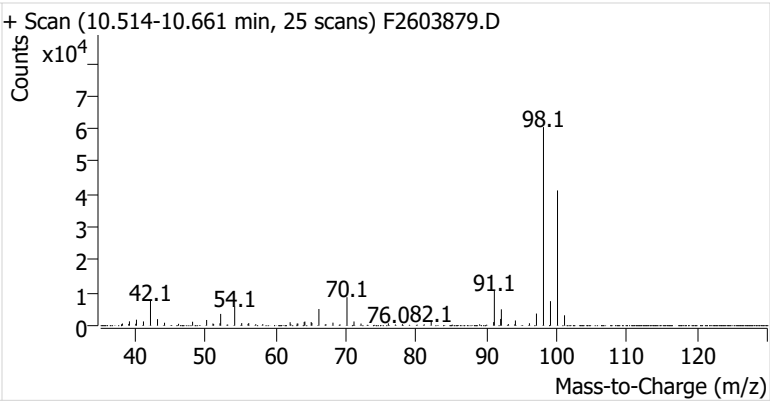
Benzene



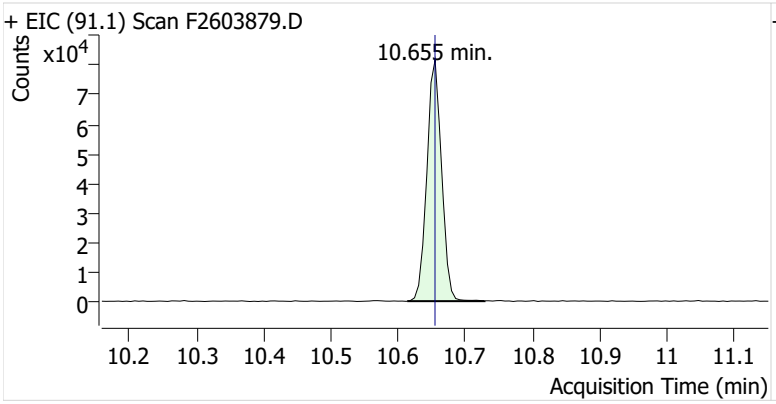


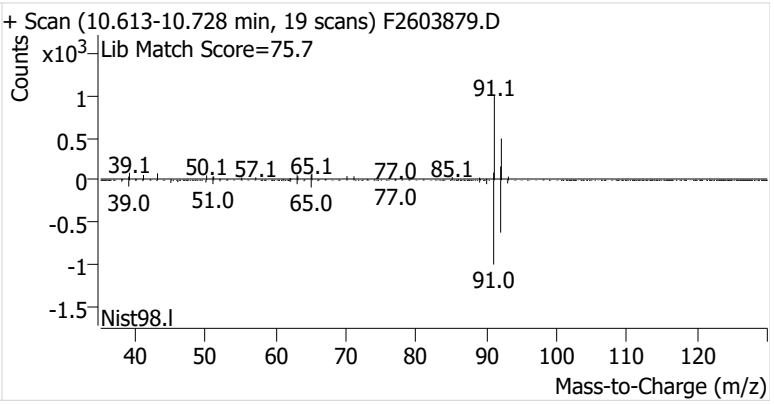
Toluene-d8 (IS)



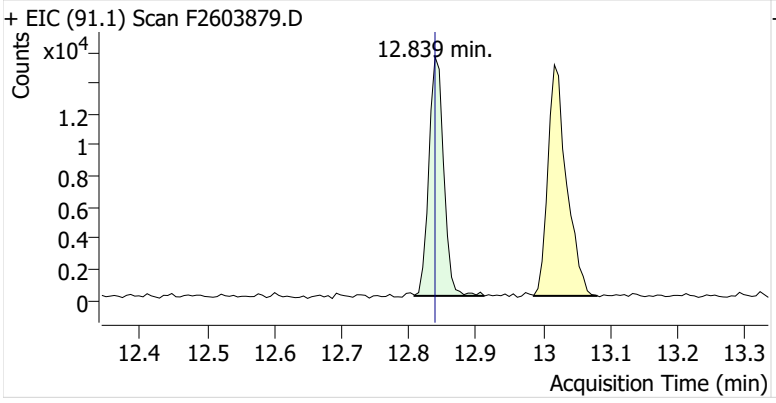


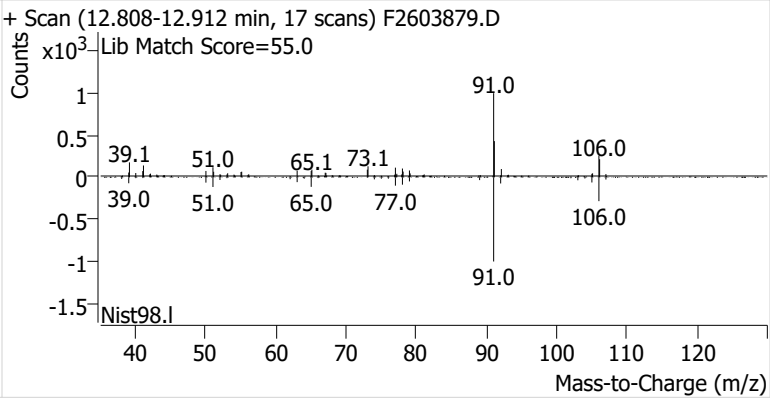
Toluene



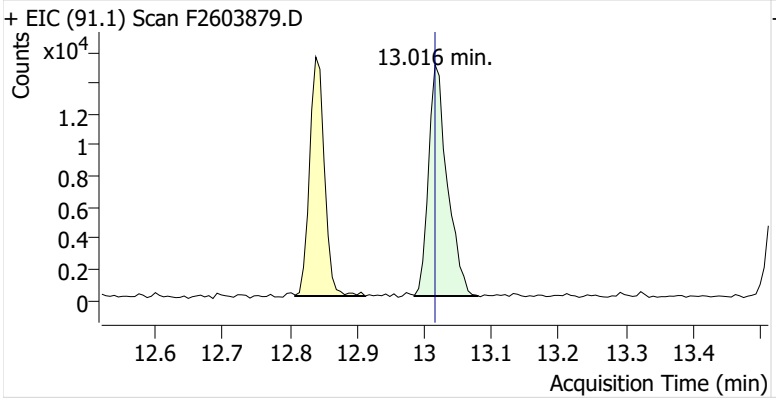


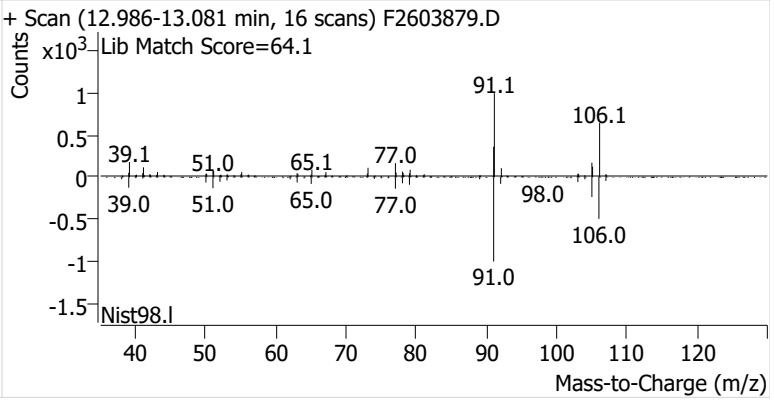
Ethylbenzene



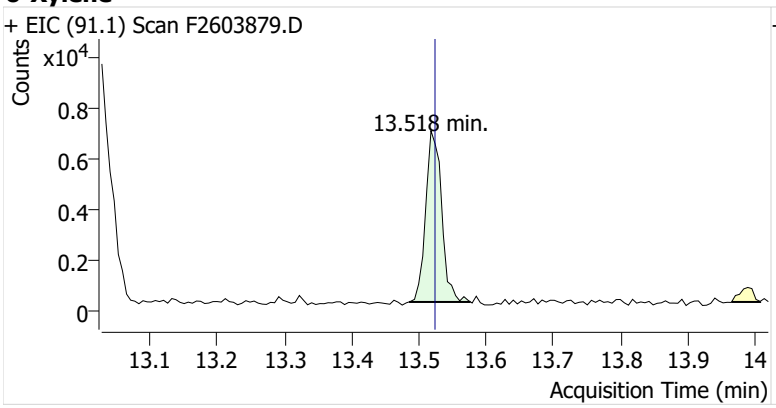


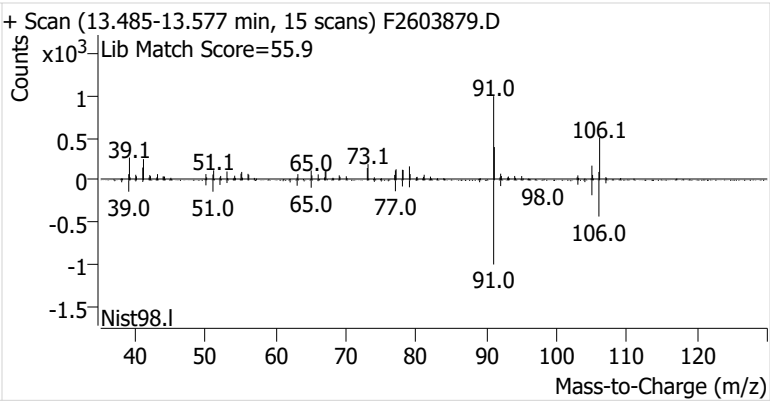
m-/p-Xylenes





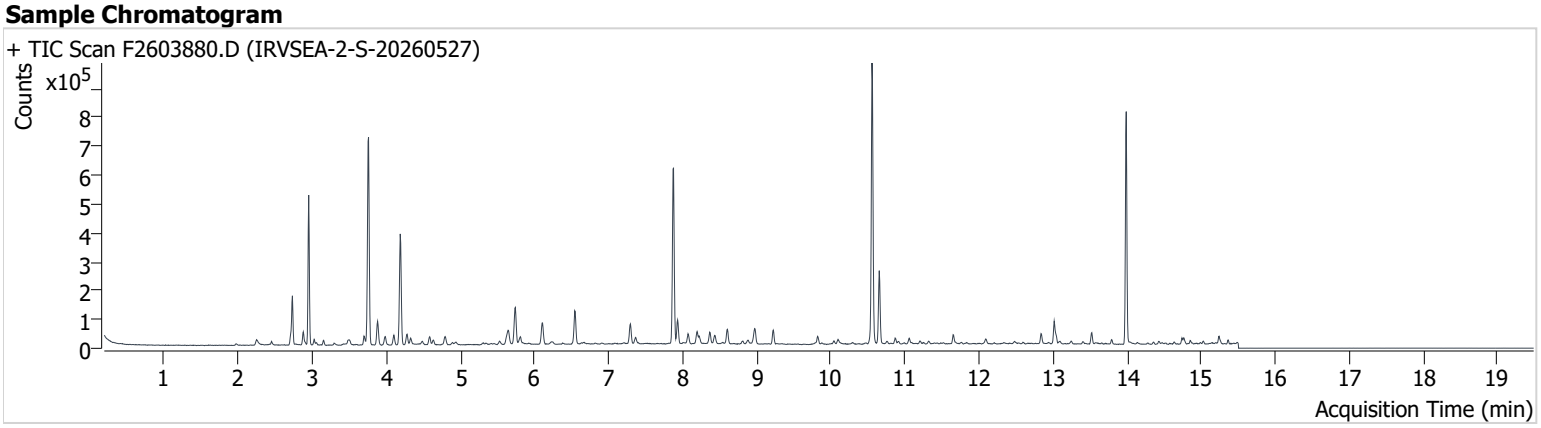
o-Xylene


+ EIC (91.1) Scan F2603879.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.518 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.485-13.577 min, 15 scans) F2603879.D
Counts
x10^3
Lib Match Score=55.9
1
0.5
0
-0.5
-1
-1.5
91.0
106.1
39.1
51.1
65.0
73.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

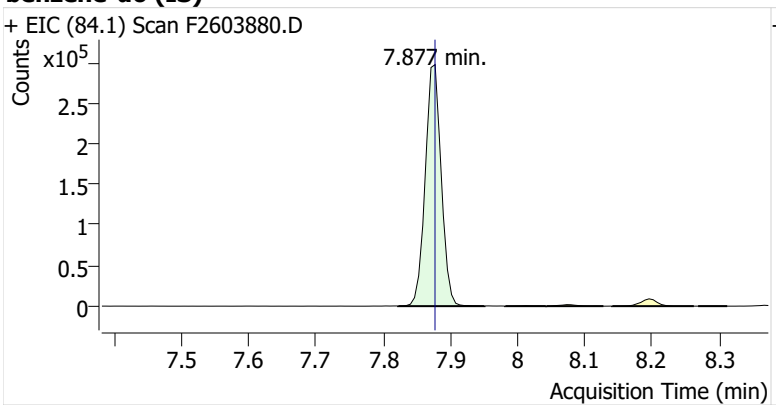
Name	IRVSEA-2-S-20260527
Comment	C71686
Data File	F2603880.D
Acq. Date-Time	6/11/2026 4:11:49 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

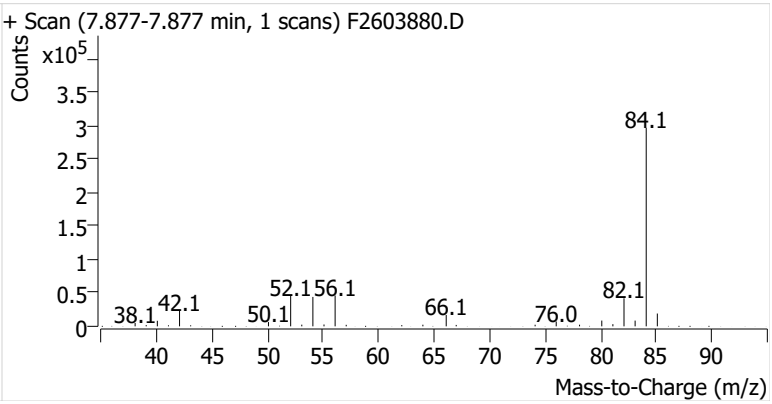
Sample Chromatogram



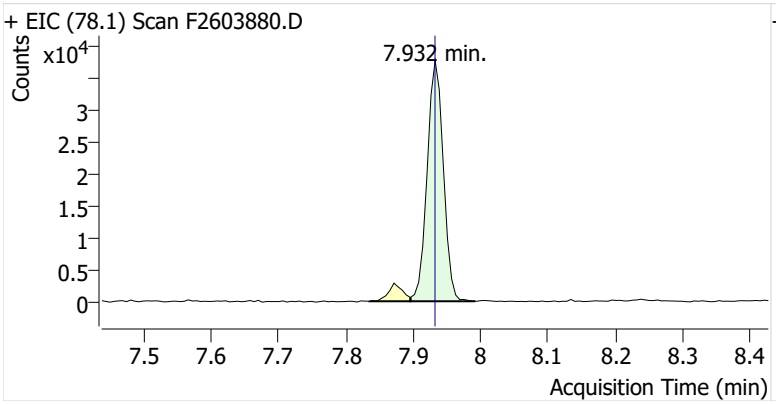
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	490,062	
Benzene	benzene-d6 (IS)	7.932	7.932	62,607	
Toluene-d8 (IS)		10.557	10.557	547,400	
Toluene	Toluene-d8 (IS)	10.655	10.655	142,481	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	18,594	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	52,598	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	21,552	

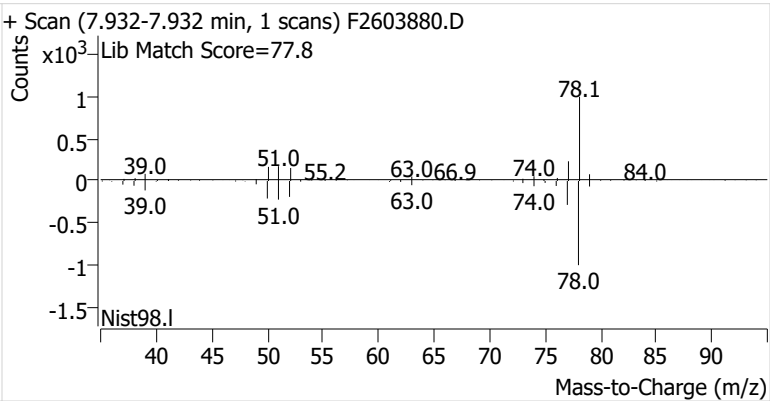
benzene-d6 (IS)



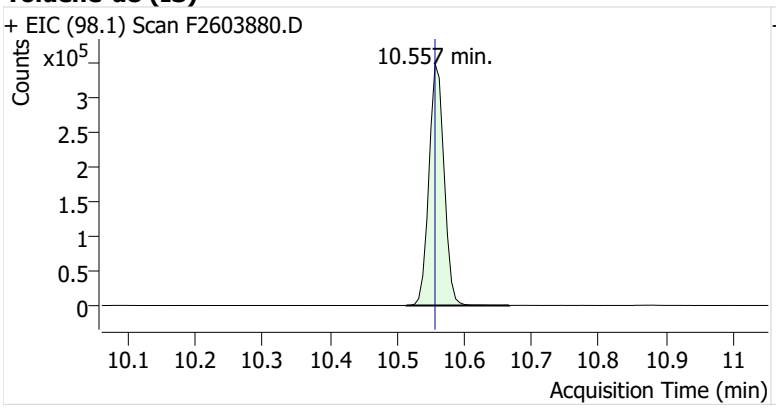


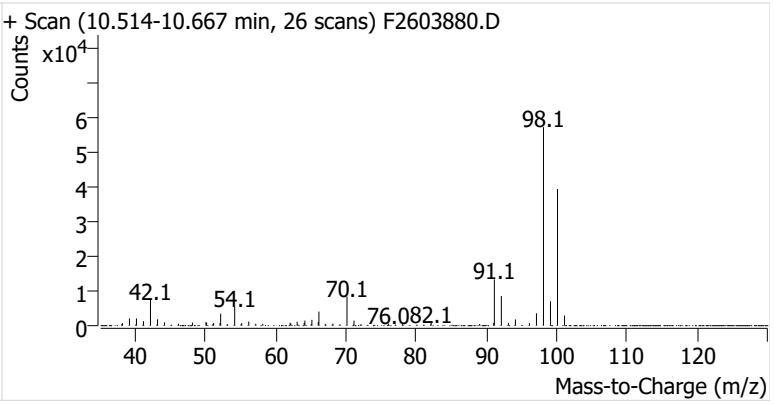
Benzene



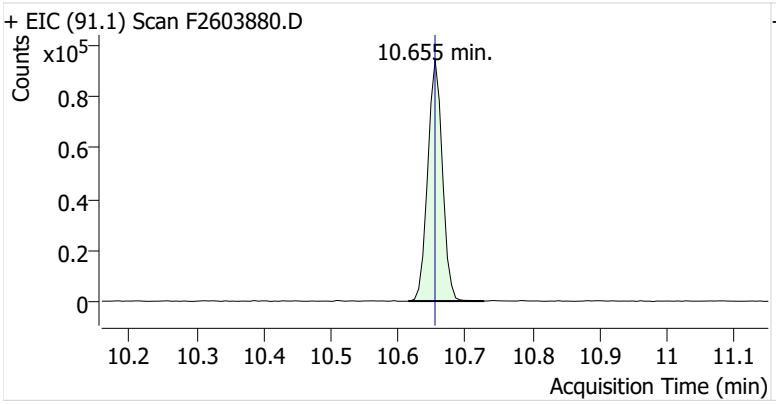


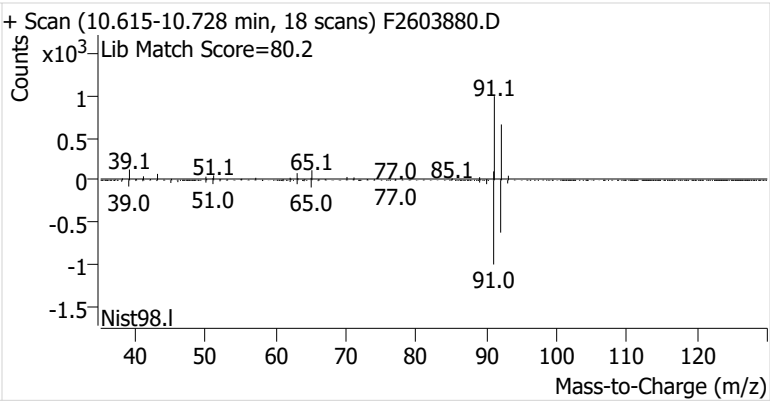
Toluene-d8 (IS)



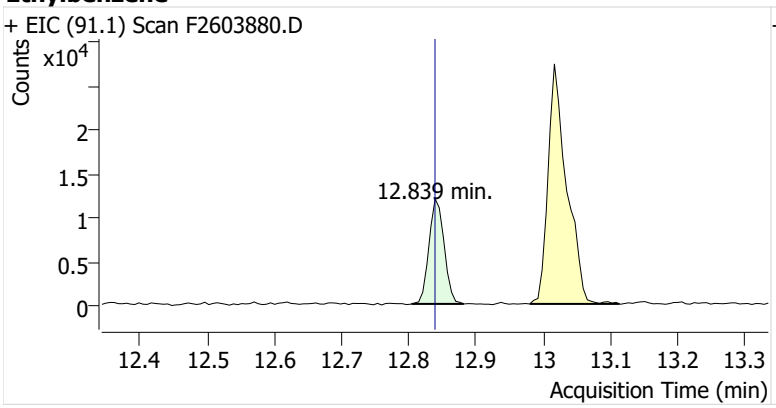


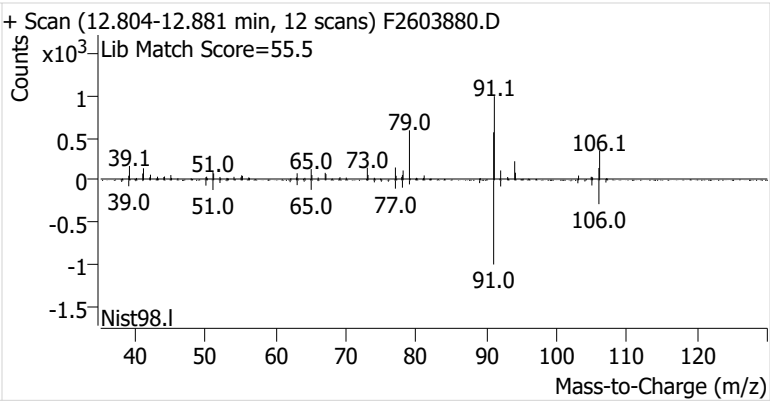
Toluene



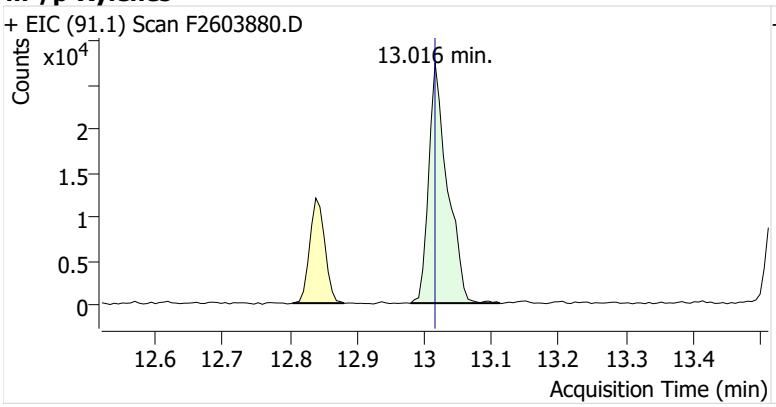


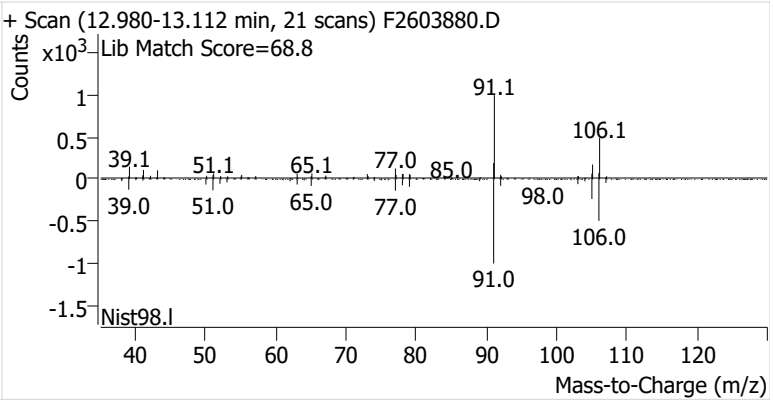
Ethylbenzene



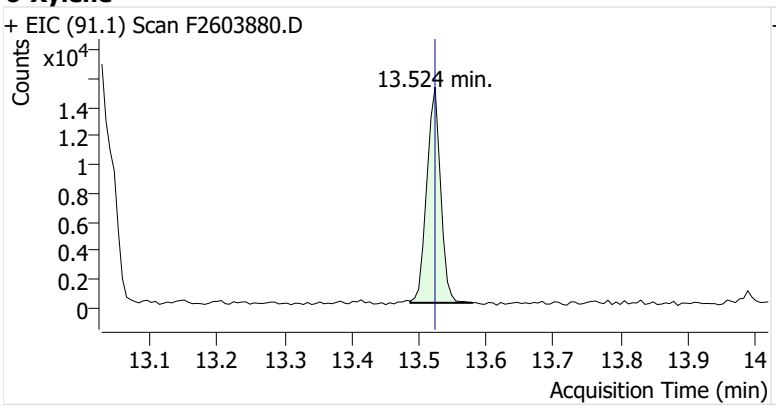


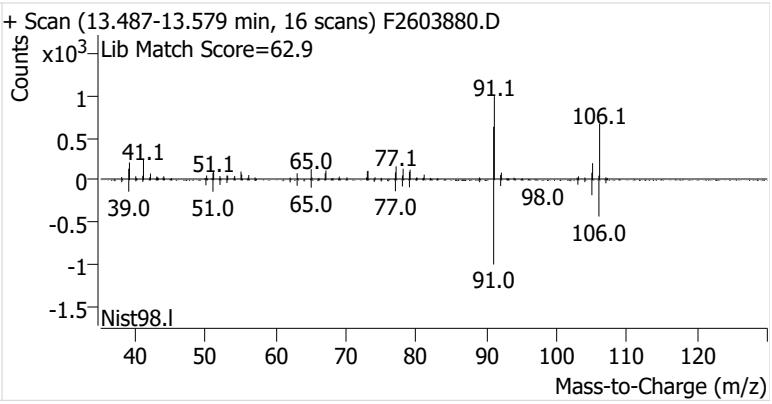
m-/p-Xylenes





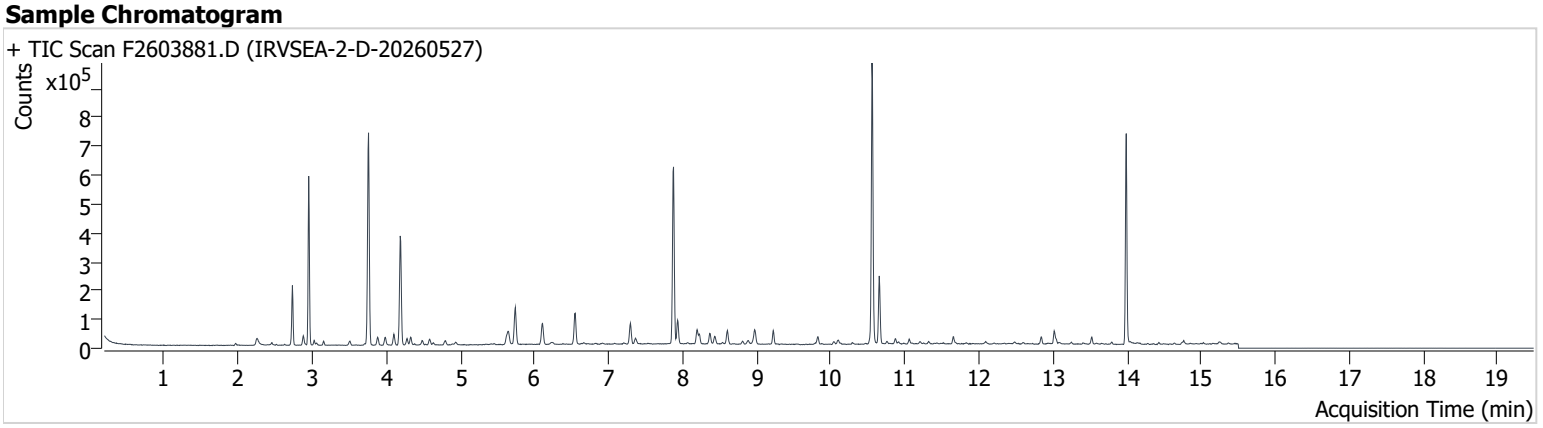
o-Xylene


+ EIC (91.1) Scan F2603880.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.487-13.579 min, 16 scans) F2603880.D
Counts
x10^3
Lib Match Score=62.9
91.1
106.1
41.1
51.1
65.0
77.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

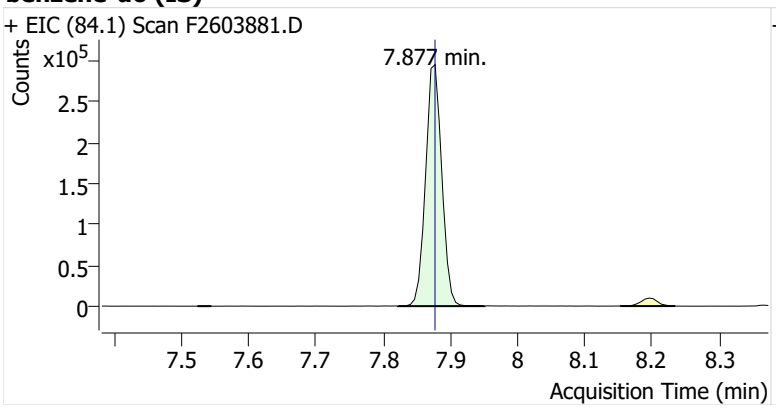
Name	IRVSEA-2-D-20260527
Comment	B48047
Data File	F2603881.D
Acq. Date-Time	6/11/2026 4:37:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

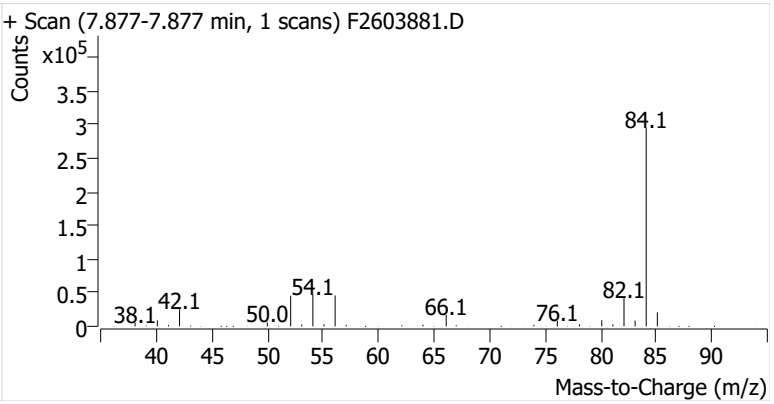
Sample Chromatogram



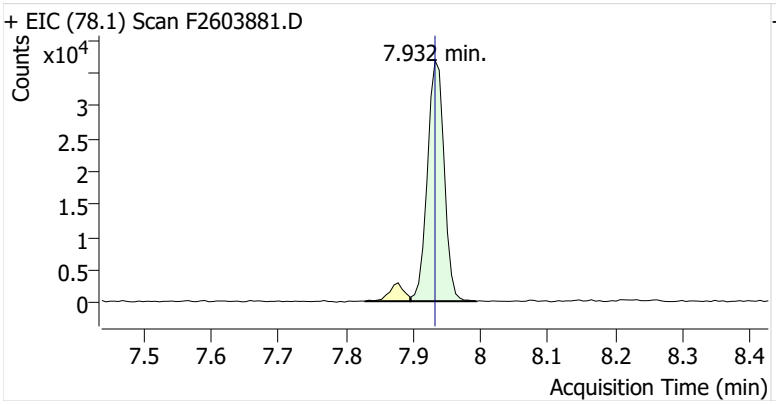
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	493,629	
Benzene	benzene-d6 (IS)	7.932	7.932	63,586	
Toluene-d8 (IS)		10.557	10.557	544,892	
Toluene	Toluene-d8 (IS)	10.655	10.655	132,392	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	15,510	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	31,764	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	13,224	

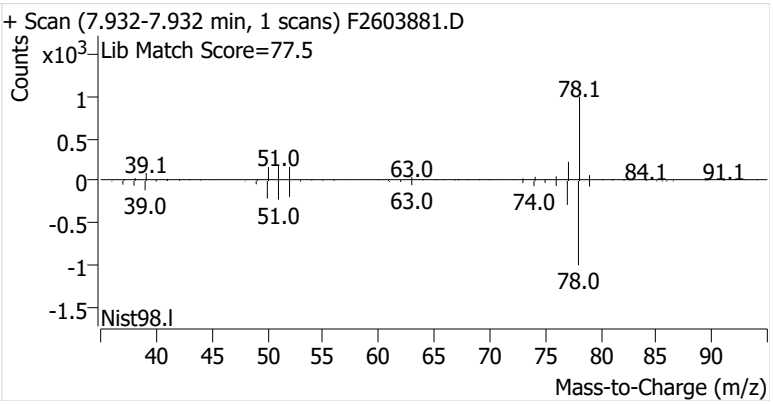
benzene-d6 (IS)



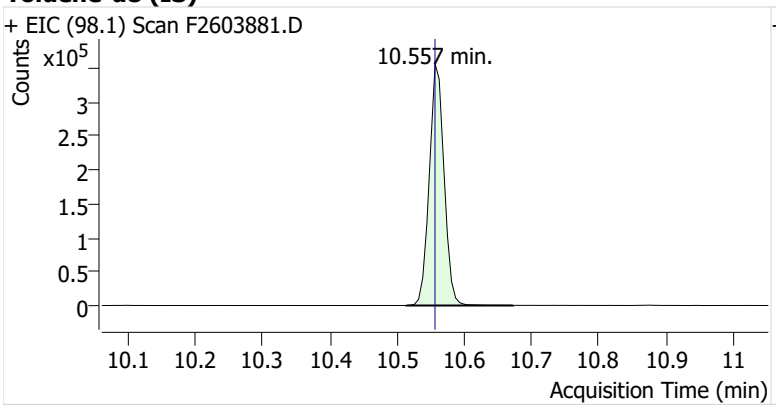


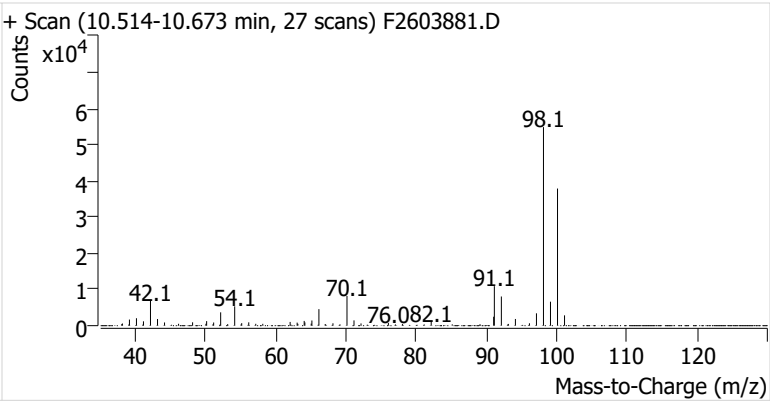
Benzene



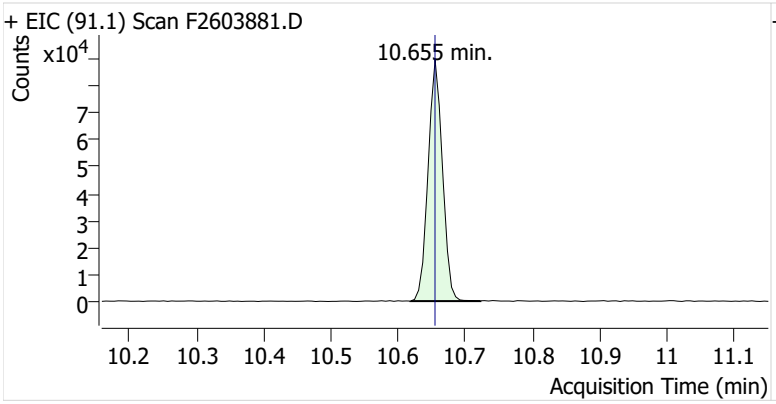


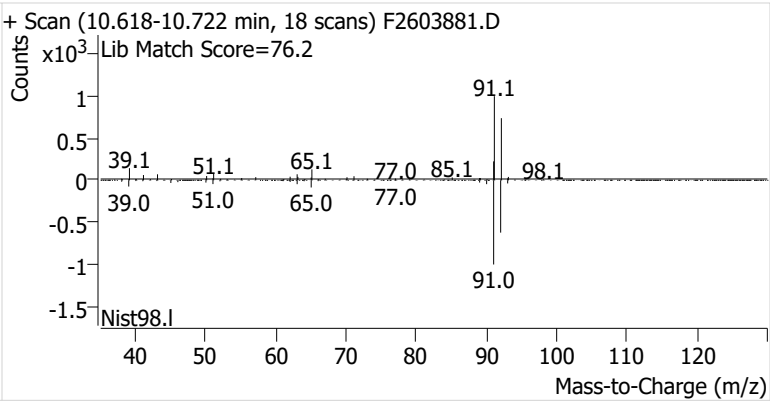
Toluene-d8 (IS)



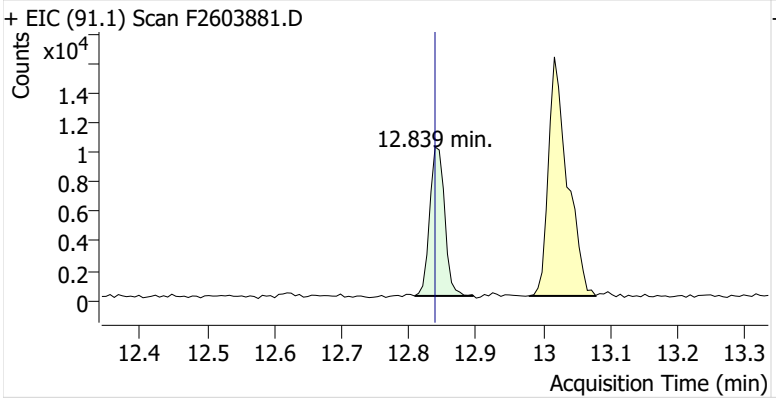


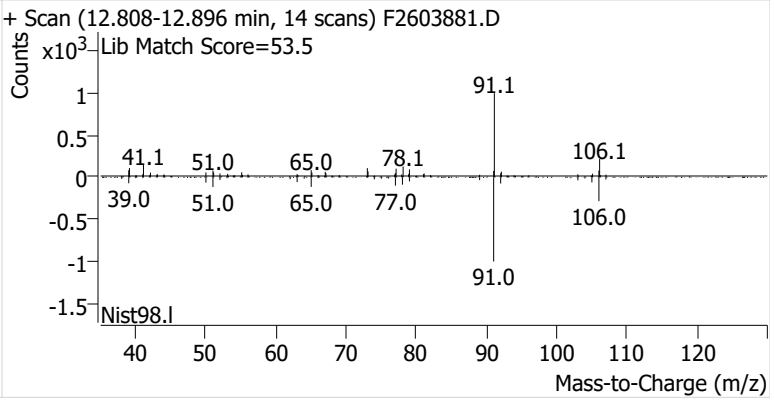
Toluene



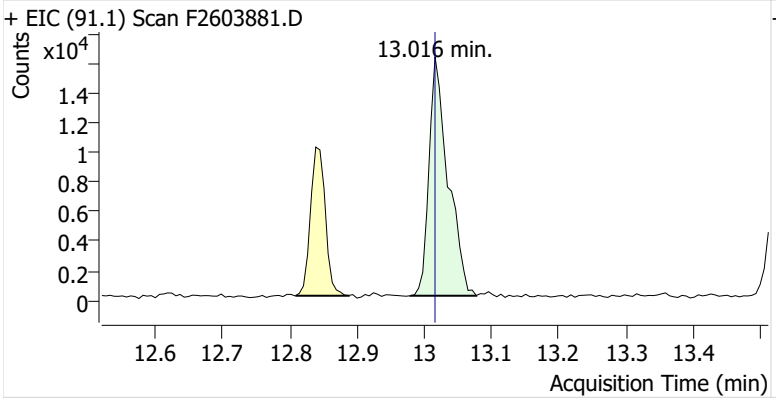


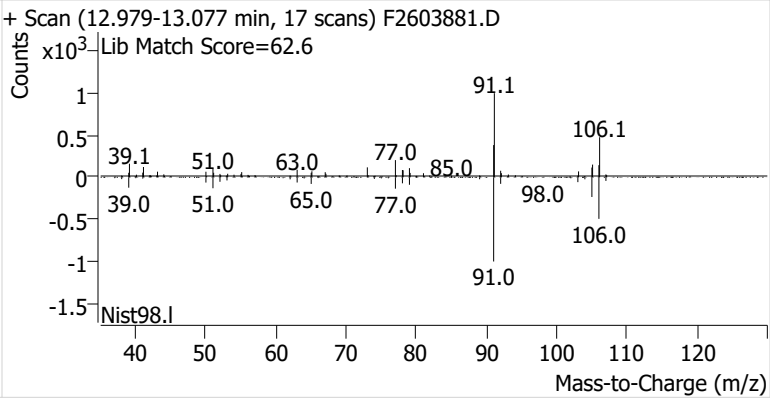
Ethylbenzene



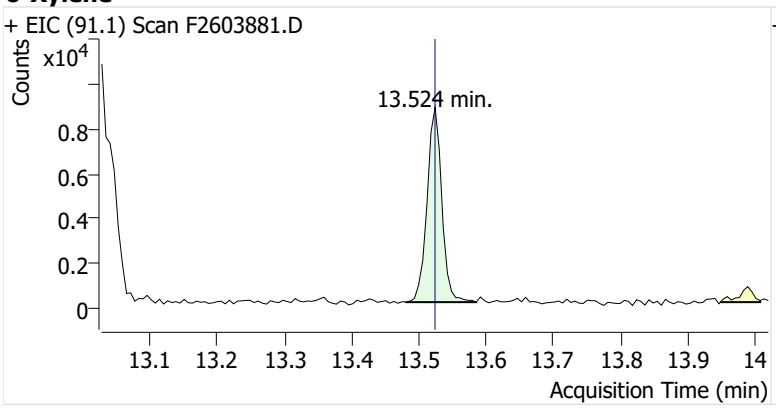


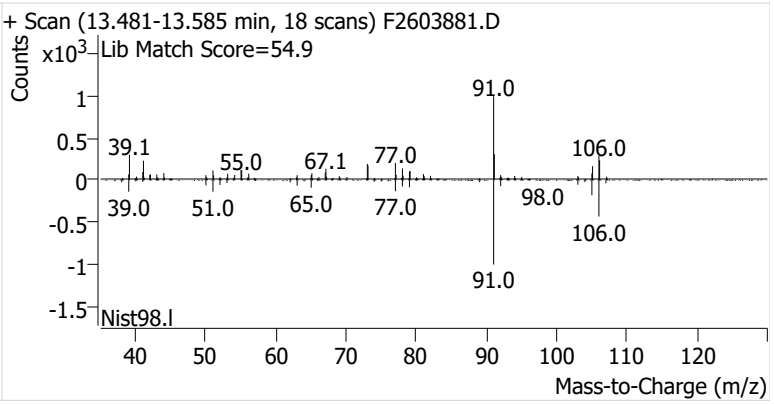
m-/p-Xylenes





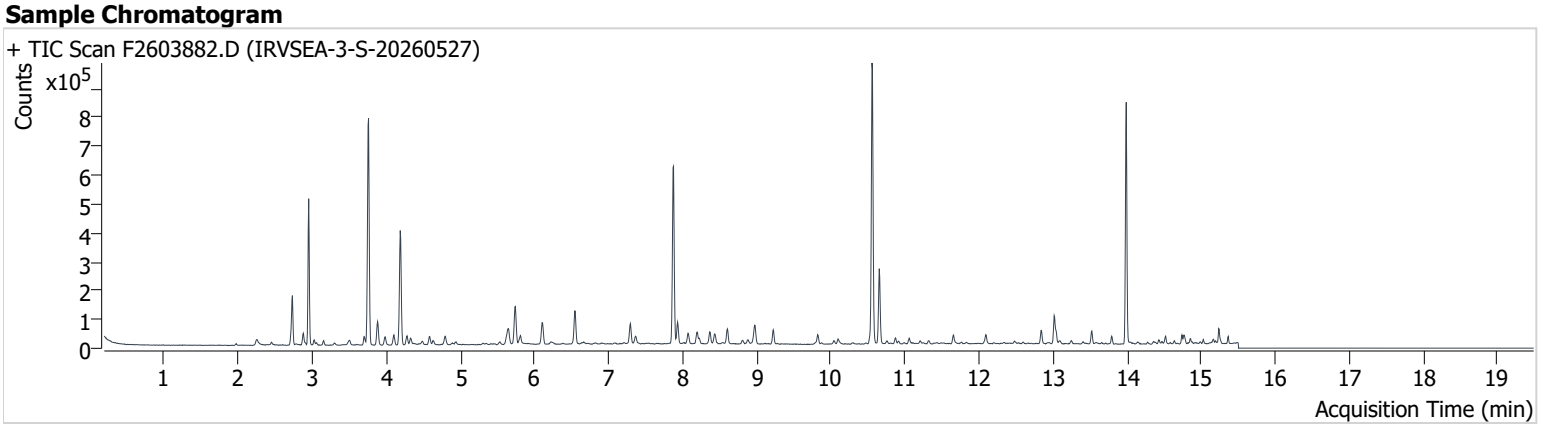
o-Xylene


+ EIC (91.1) Scan F2603881.D
Counts
x10^4
13.524 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.481-13.585 min, 18 scans) F2603881.D
Counts
x10^3
Lib Match Score=54.9
91.0
39.1
55.0
67.1
77.0
106.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

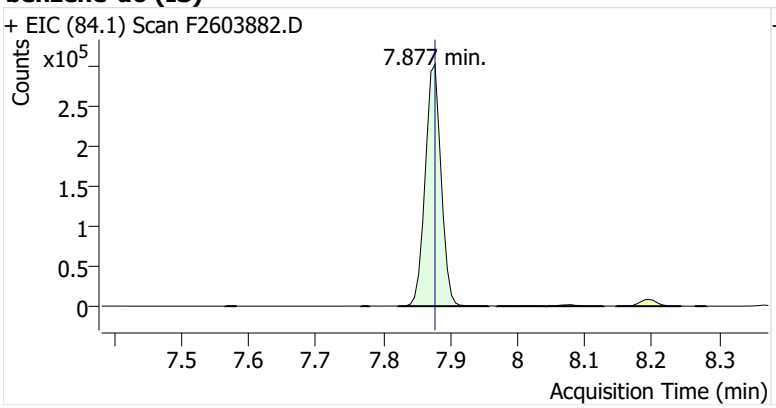
Name	IRVSEA-3-S-20260527
Comment	C71599
Data File	F2603882.D
Acq. Date-Time	6/11/2026 5:02:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

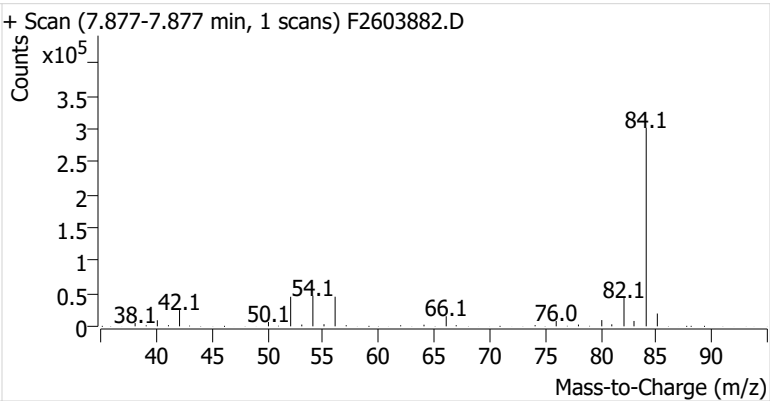
Sample Chromatogram



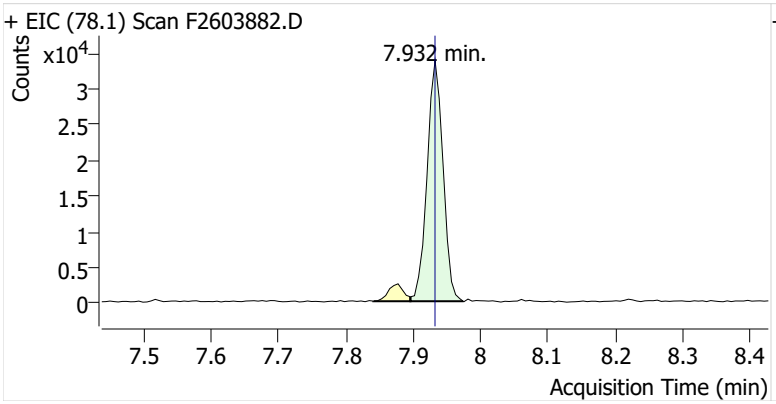
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	495,229	
Benzene	benzene-d6 (IS)	7.932	7.932	55,578	
Toluene-d8 (IS)		10.557	10.557	555,687	
Toluene	Toluene-d8 (IS)	10.655	10.655	144,386	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	26,215	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	67,996	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	23,977	

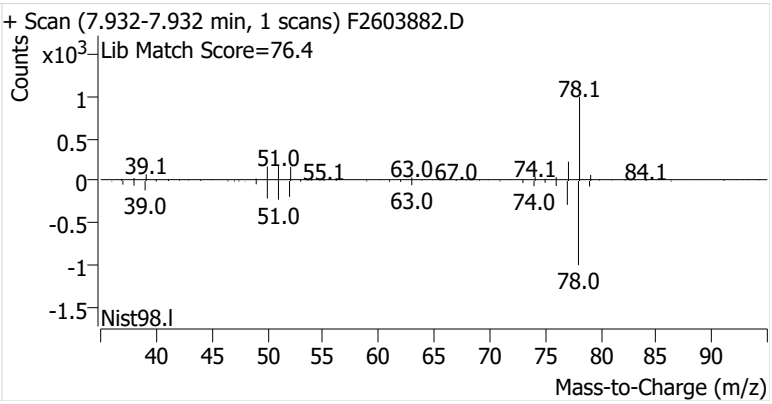
benzene-d6 (IS)



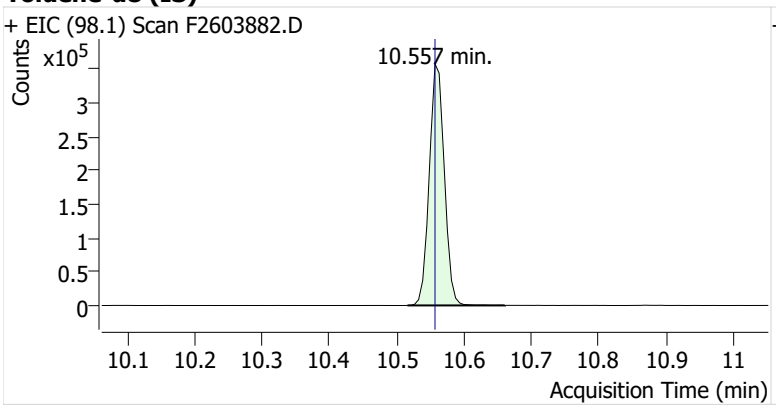


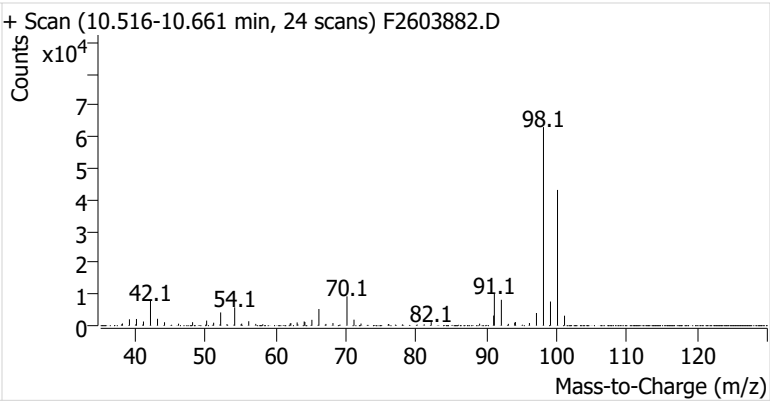
Benzene



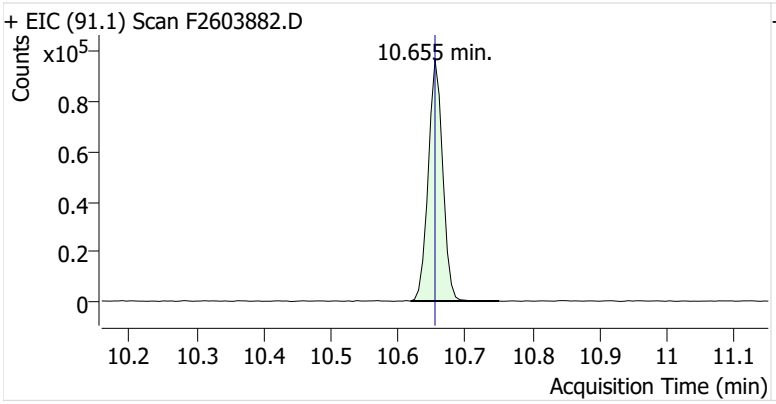


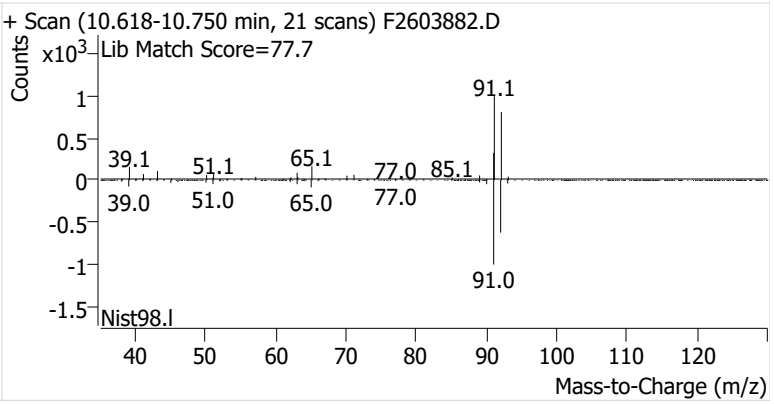
Toluene-d8 (IS)



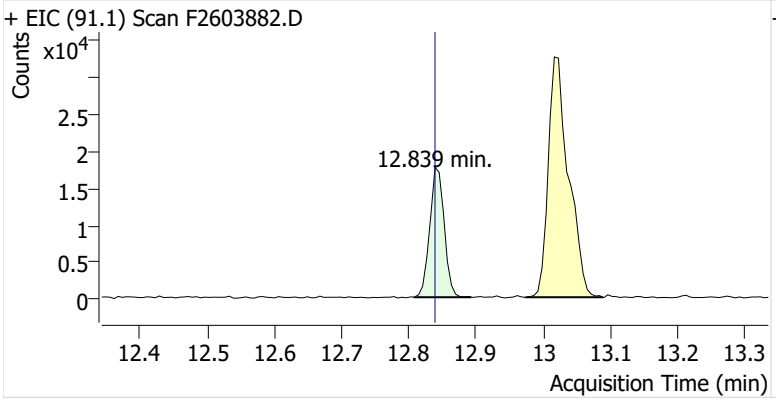


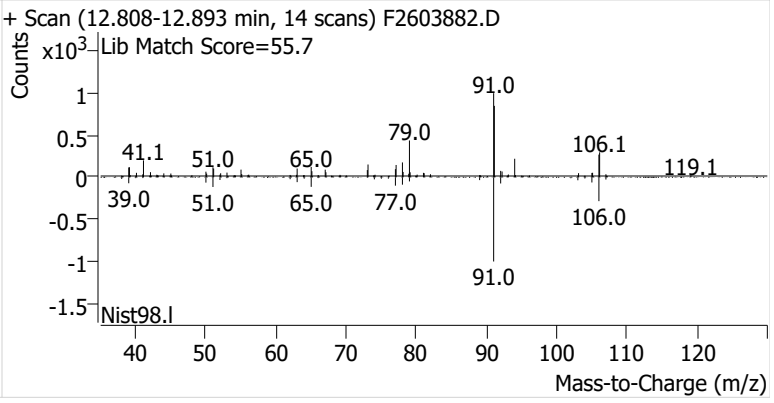
Toluene



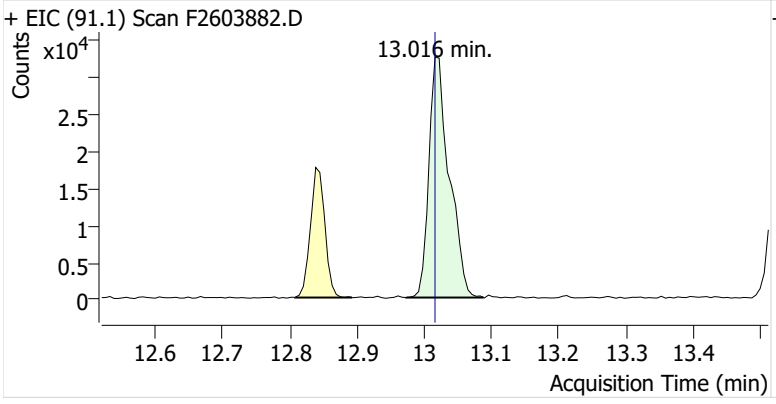


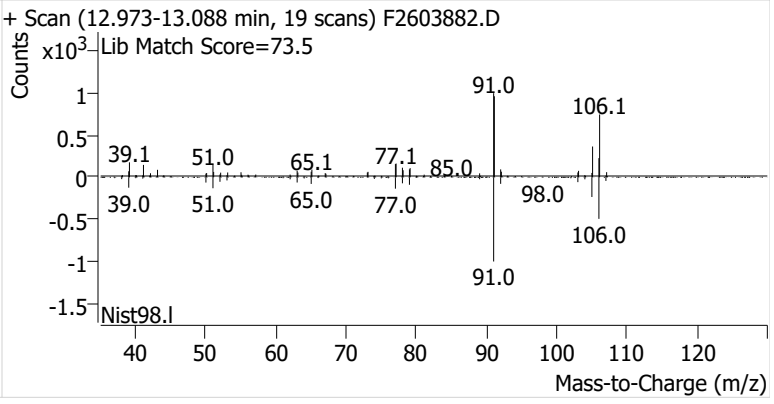
Ethylbenzene



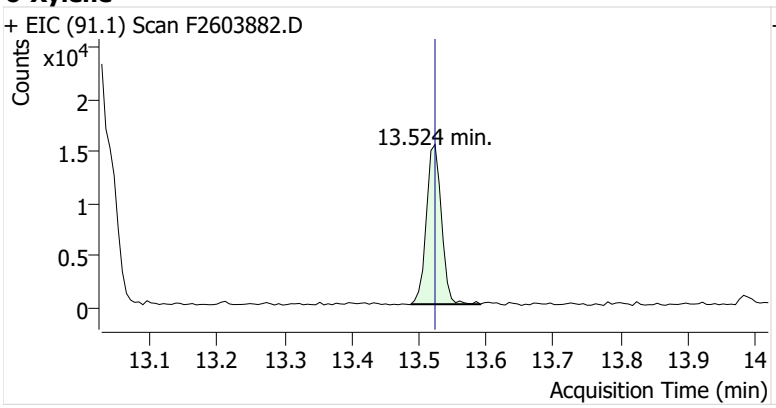


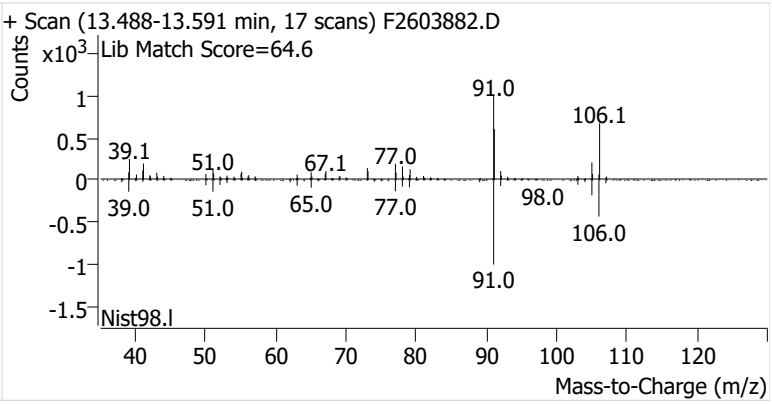
m-/p-Xylenes





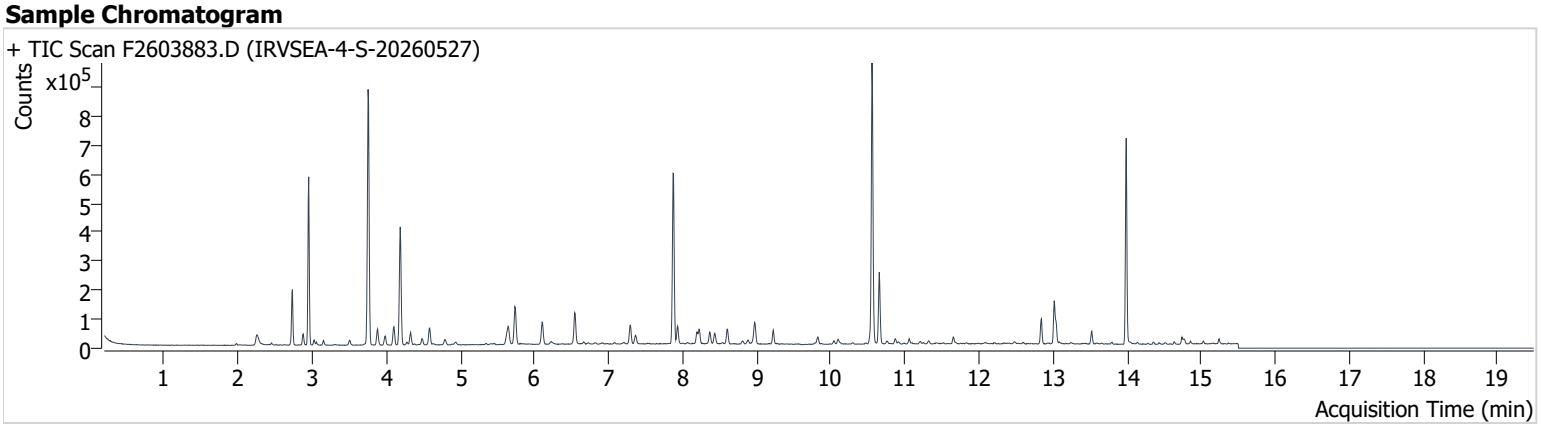
o-Xylene


+ EIC (91.1) Scan F2603882.D
Counts
x10^4
2
1.5
1
0.5
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.591 min, 17 scans) F2603882.D
Counts
x10^3
Lib Match Score=64.6
1
0.5
0
-0.5
-1
-1.5
91.0
106.1
39.1
51.0
67.1
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

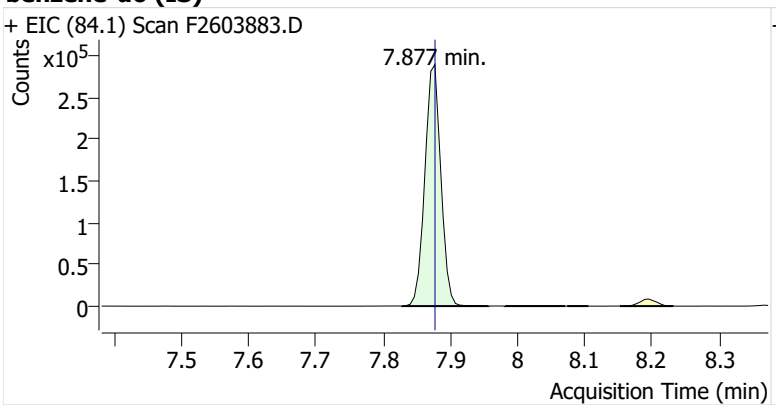
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Comment	C55382
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Acq. Date-Time	6/11/2026 5:28:04 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

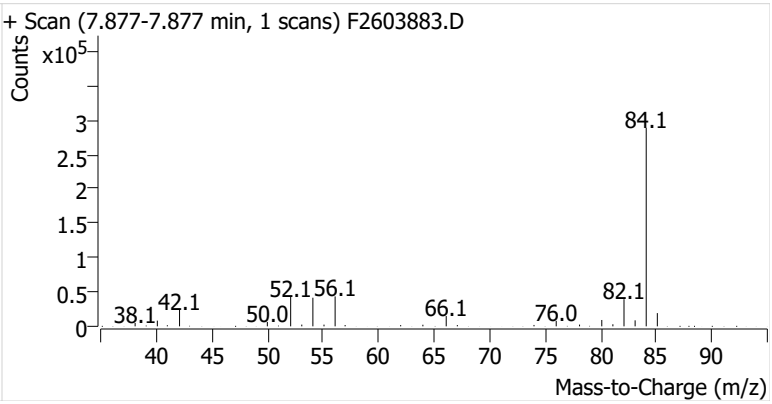
Sample Chromatogram



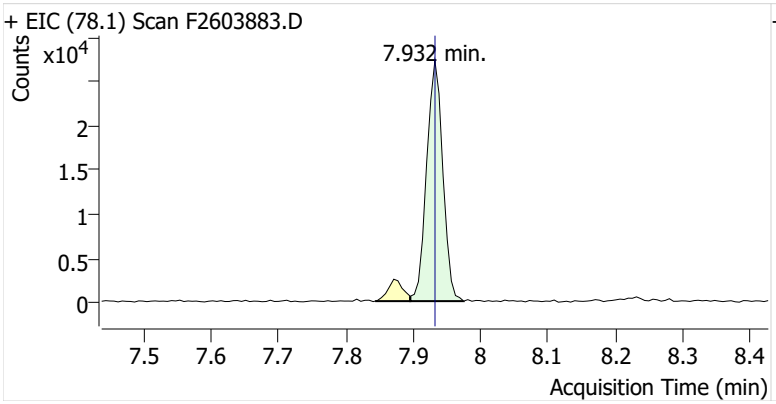
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	476,354	
Benzene	benzene-d6 (IS)	7.932	7.932	45,334	
Toluene-d8 (IS)		10.556	10.557	536,667	
Toluene	Toluene-d8 (IS)	10.654	10.655	132,740	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	56,063	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	111,713	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	23,085	

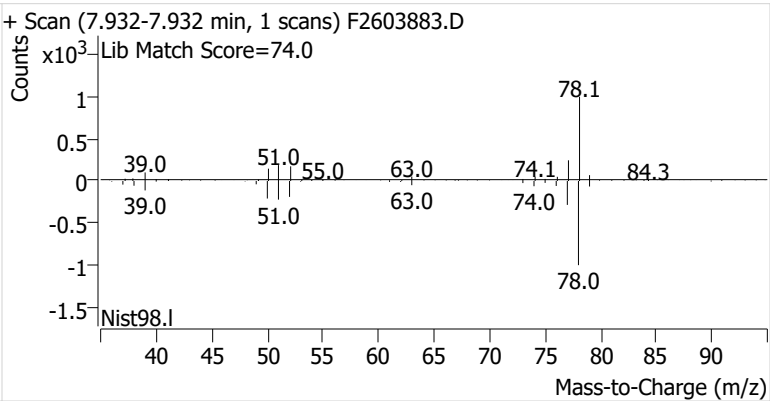
benzene-d6 (IS)



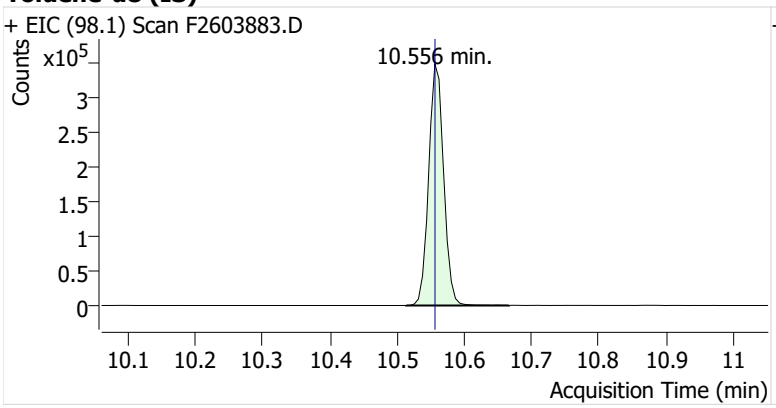


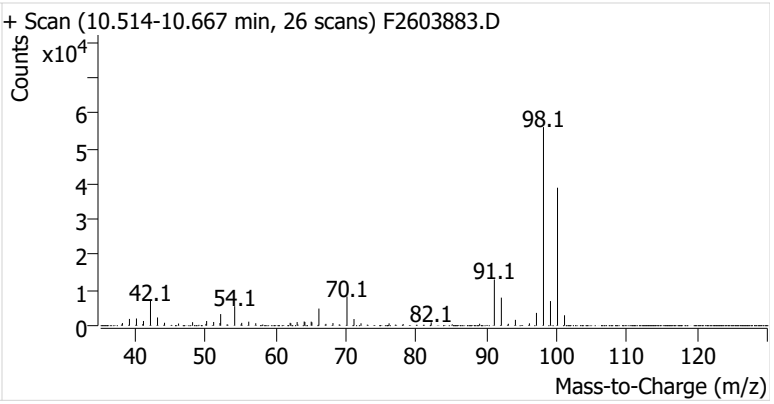
Benzene



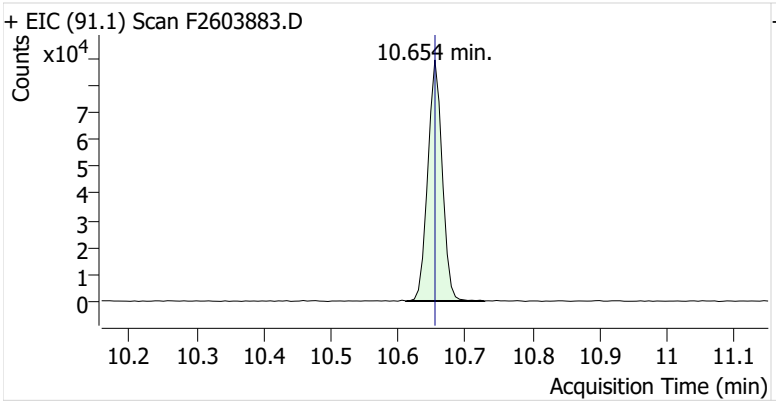


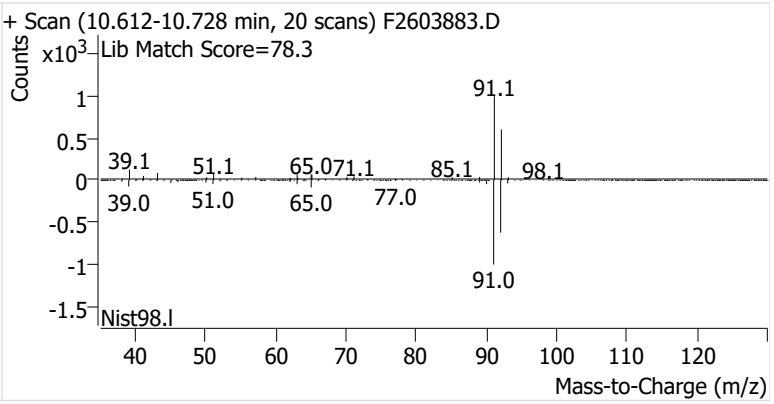
Toluene-d8 (IS)



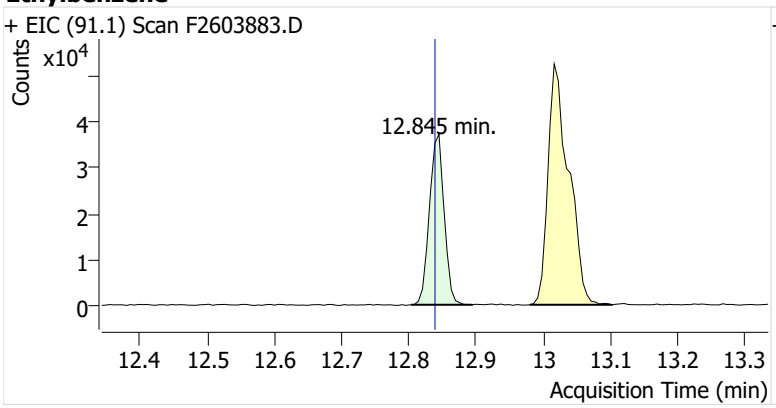


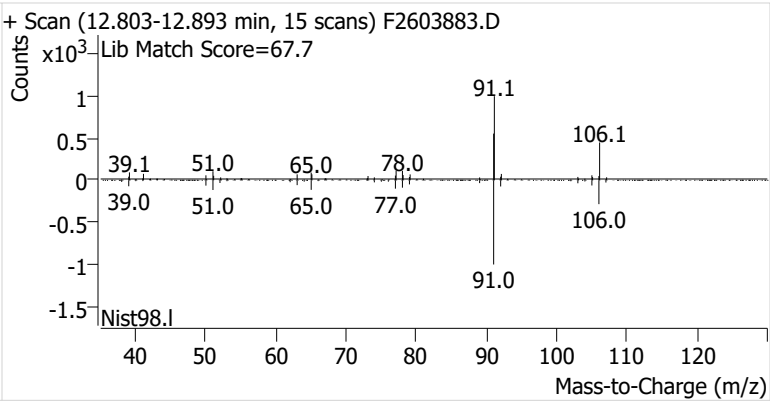
Toluene



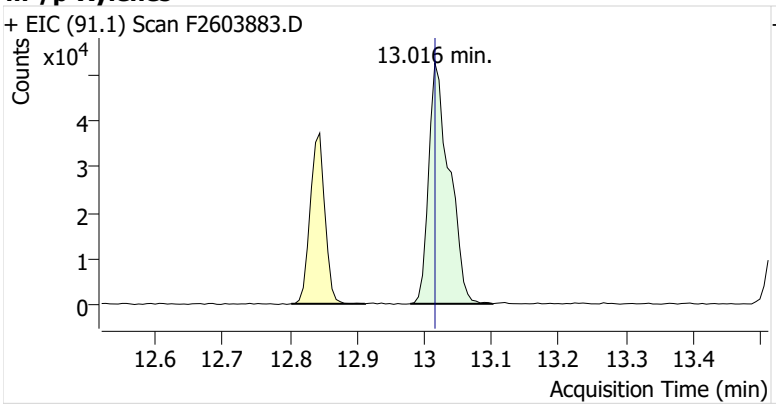


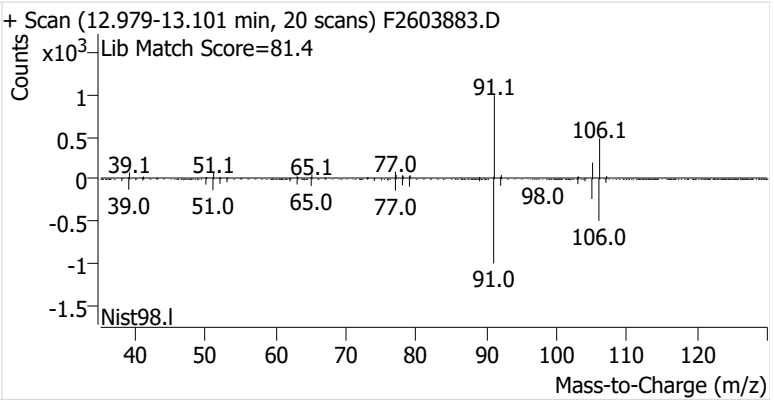
Ethylbenzene



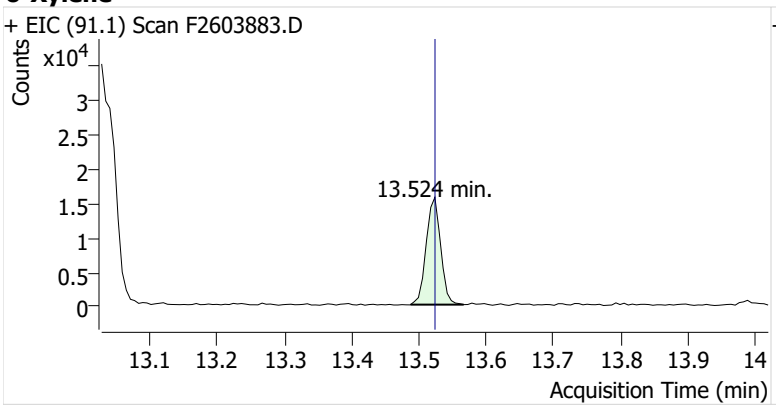


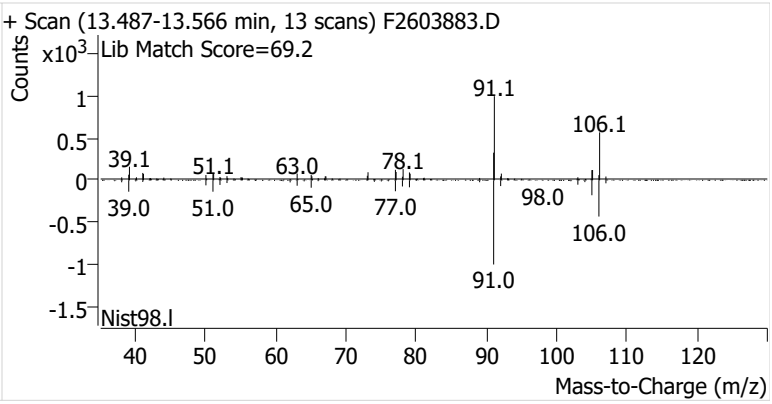
m-/p-Xylenes





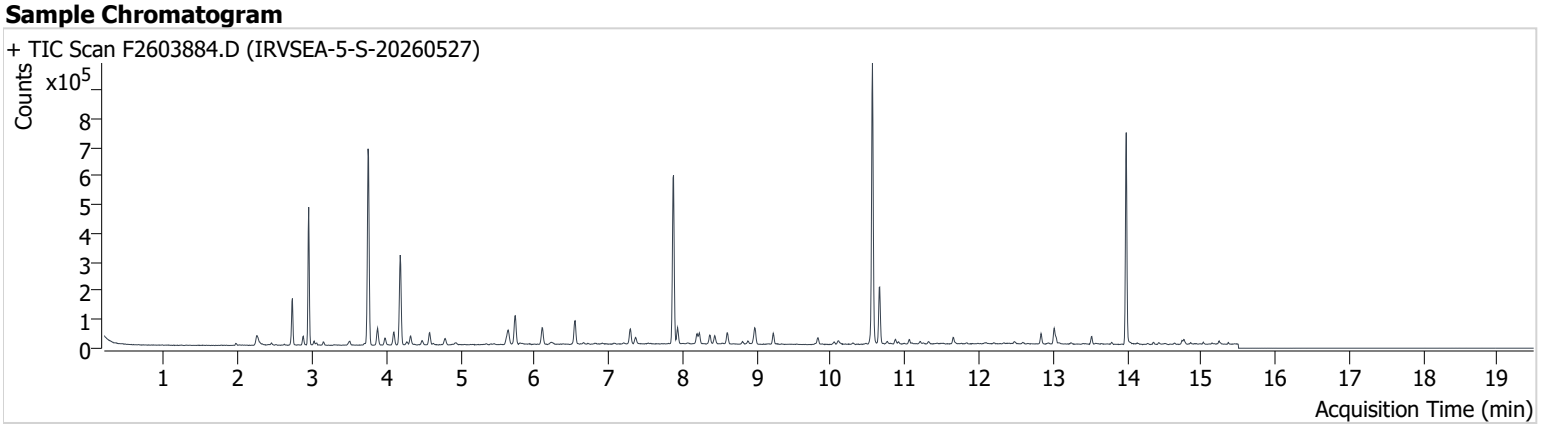
o-Xylene


+ EIC (91.1) Scan F2603883.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.566 min, 13 scans) F2603883.D
Lib Match Score=69.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.0
78.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

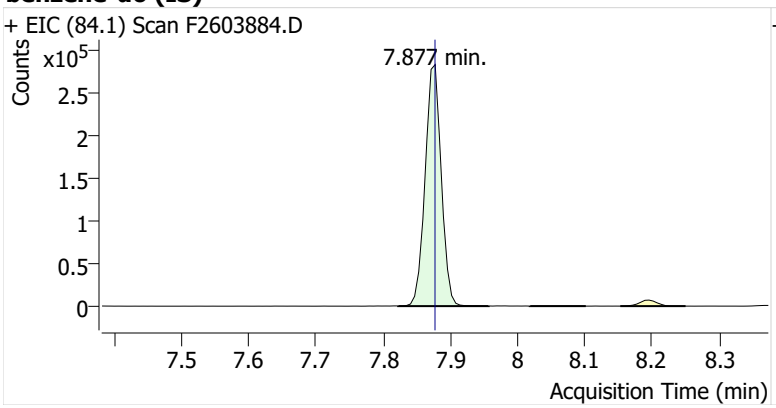
Name	IRVSEA-5-S-20260527
Comment	C43889
Data File	F2603884.D
Acq. Date-Time	6/11/2026 5:53:28 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

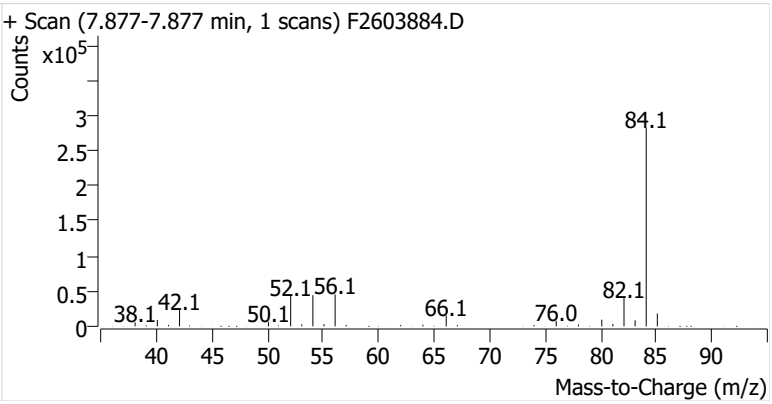
Sample Chromatogram



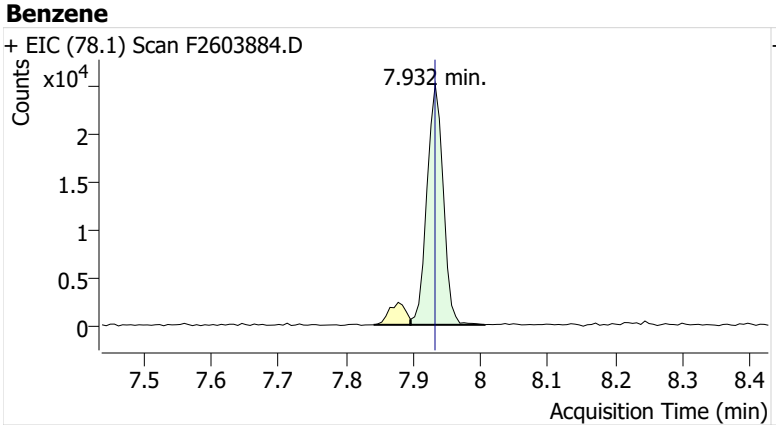
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	470,089	
Benzene	benzene-d6 (IS)	7.932	7.932	42,201	
Toluene-d8 (IS)		10.563	10.557	541,954	
Toluene	Toluene-d8 (IS)	10.655	10.655	114,229	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	21,691	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	39,097	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	14,668	

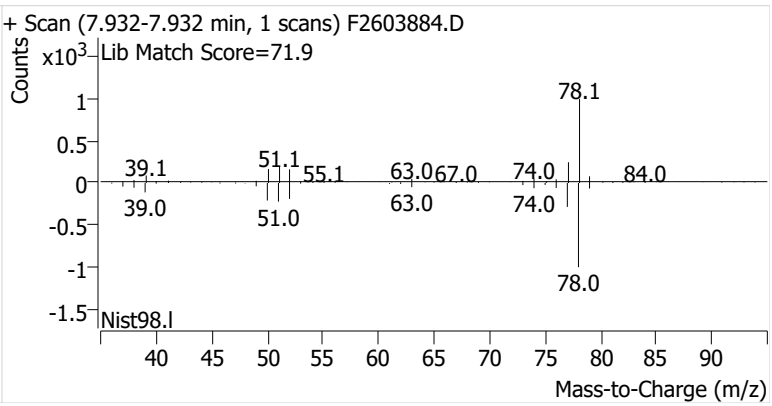
benzene-d6 (IS)



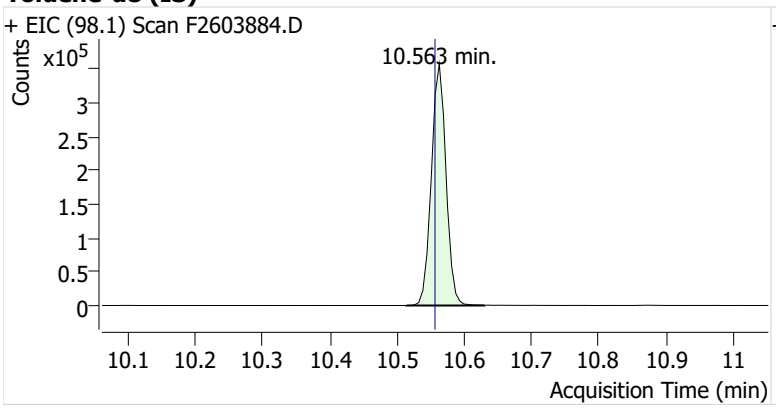


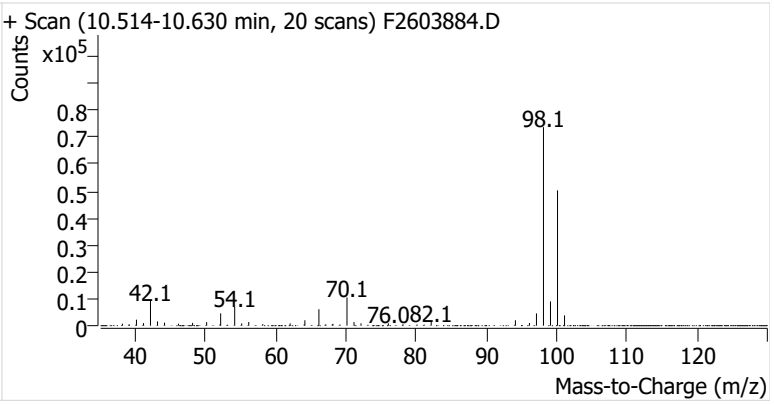
Benzene



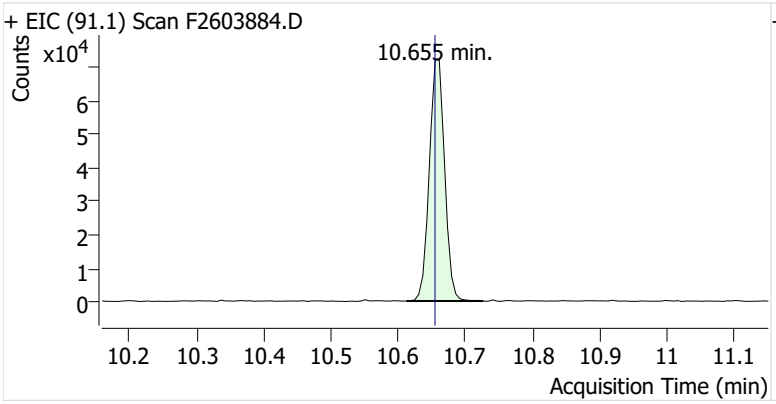


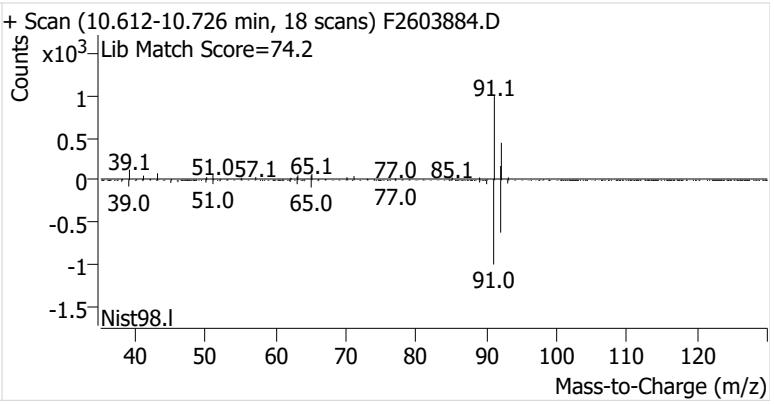
Toluene-d8 (IS)



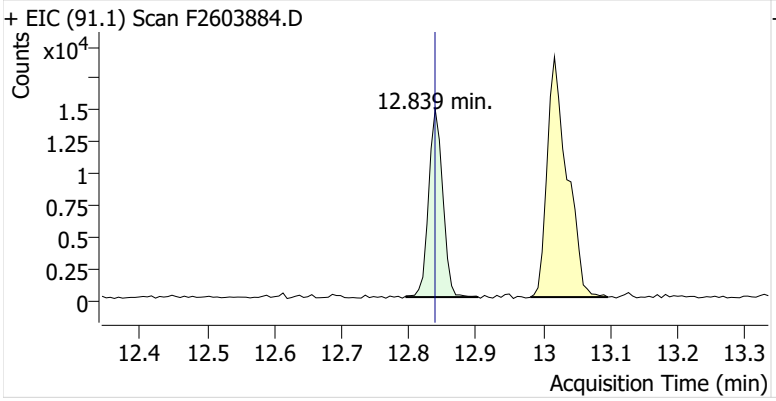


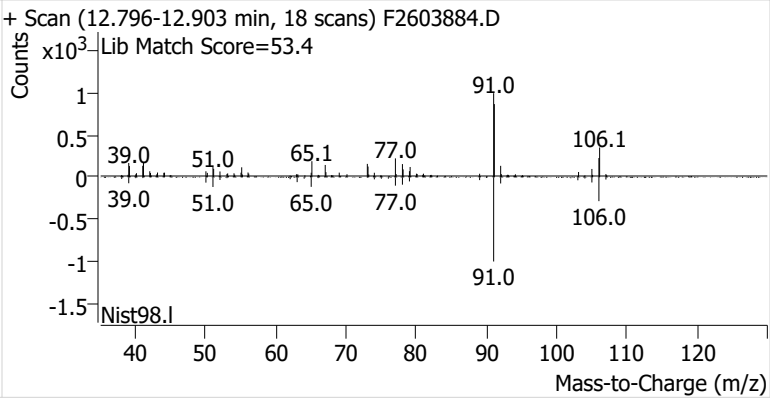
Toluene



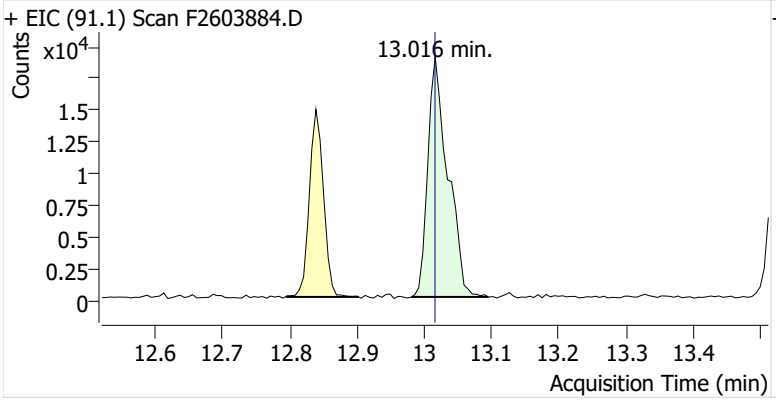


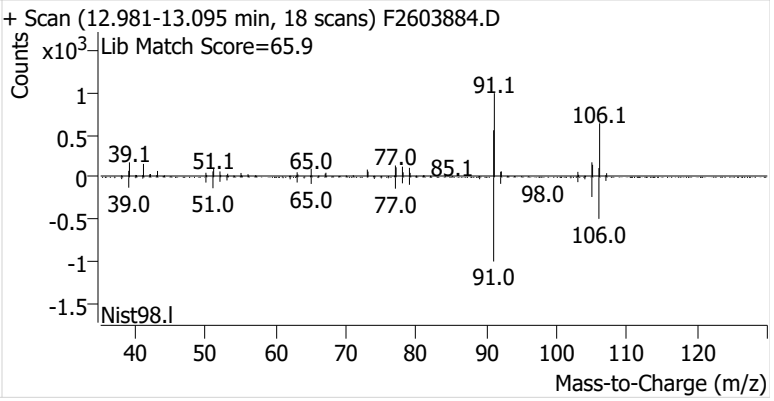
Ethylbenzene



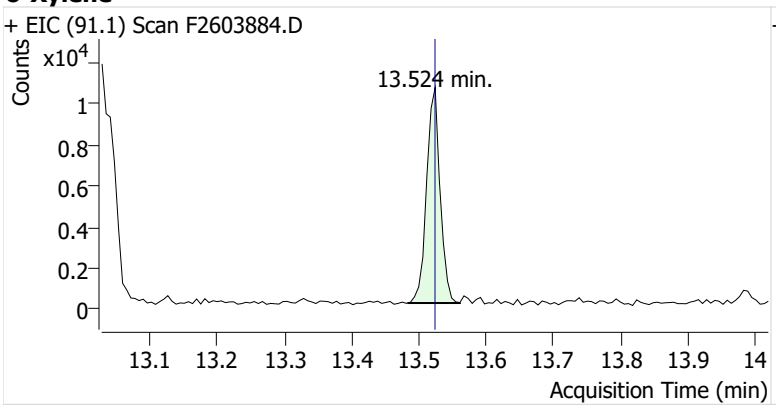


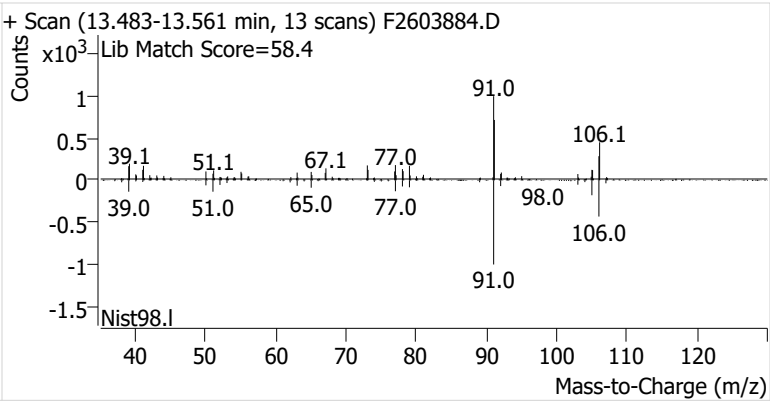
m-/p-Xylenes





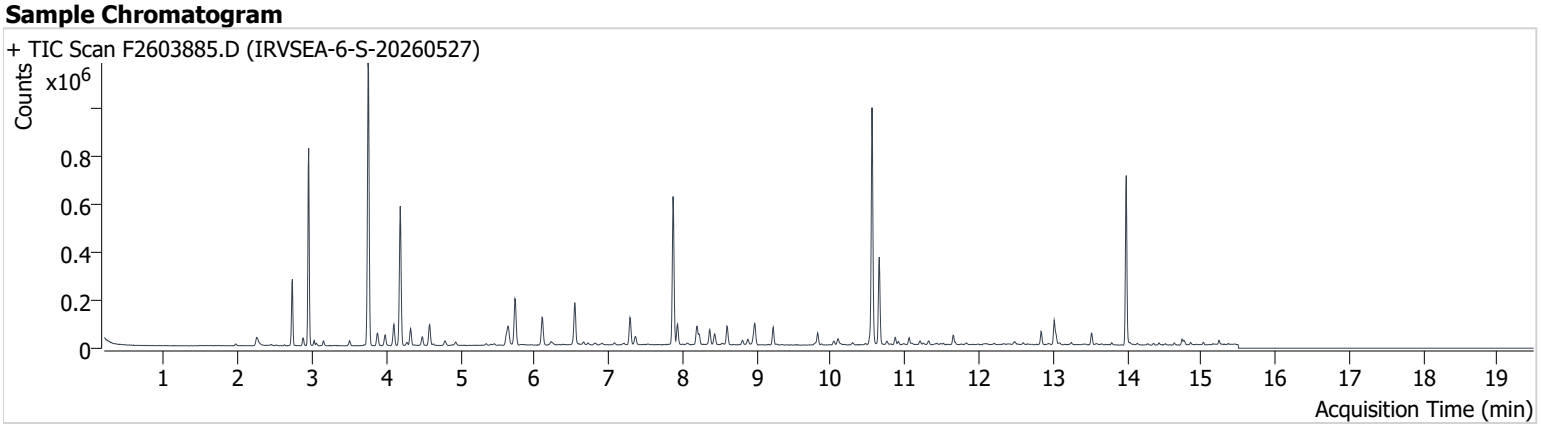
o-Xylene


+ EIC (91.1) Scan F2603884.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.483-13.561 min, 13 scans) F2603884.D
Counts
x10^3
Lib Match Score=58.4
91.0
106.1
39.1
51.1
67.1
77.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

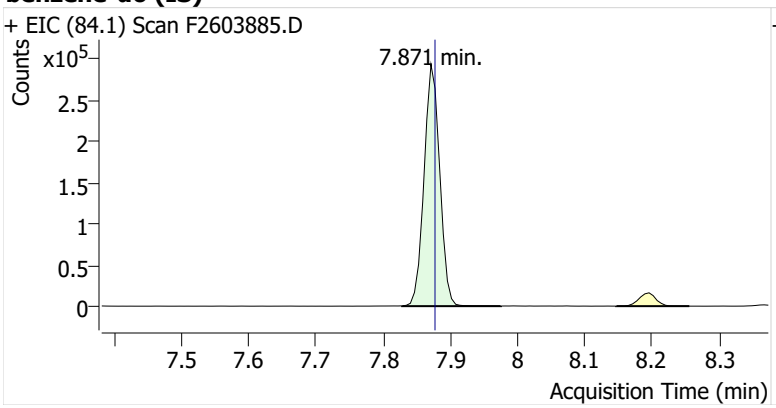
Name	IRVSEA-6-S-20260527
Comment	C32896
Data File	F2603885.D
Acq. Date-Time	6/11/2026 6:19:44 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

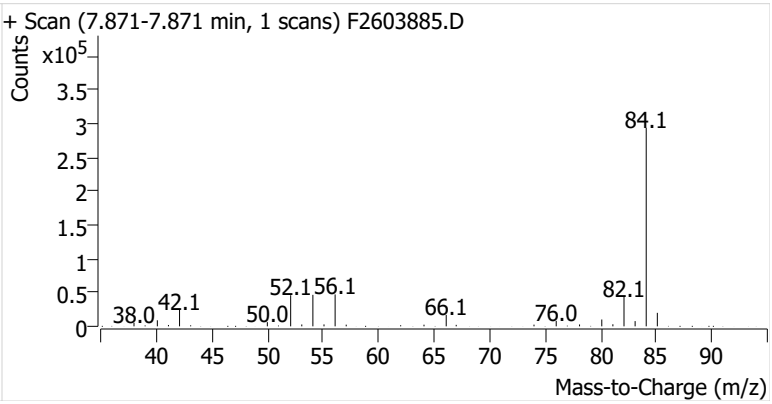
Sample Chromatogram



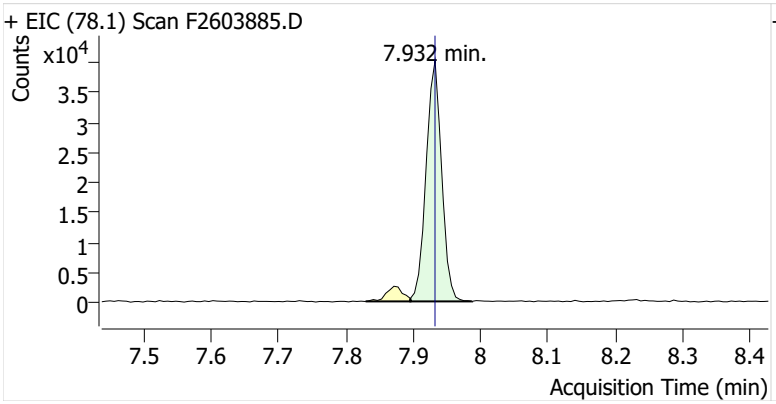
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	476,237	
Benzene	benzene-d6 (IS)	7.932	7.932	64,486	
Toluene-d8 (IS)		10.557	10.557	536,703	
Toluene	Toluene-d8 (IS)	10.655	10.655	206,712	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	34,053	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	70,520	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	27,040	

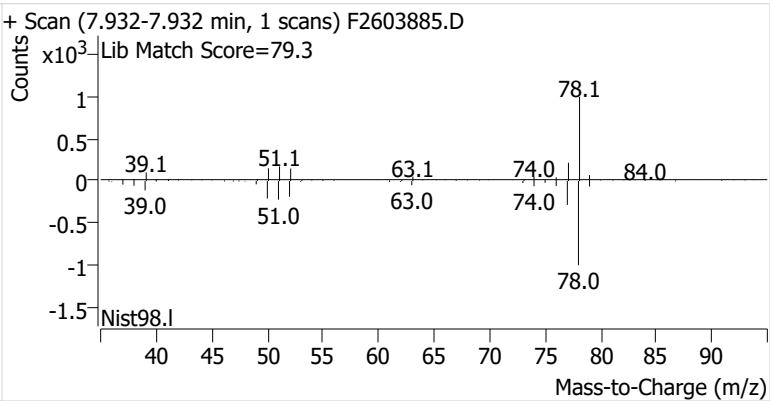
benzene-d6 (IS)



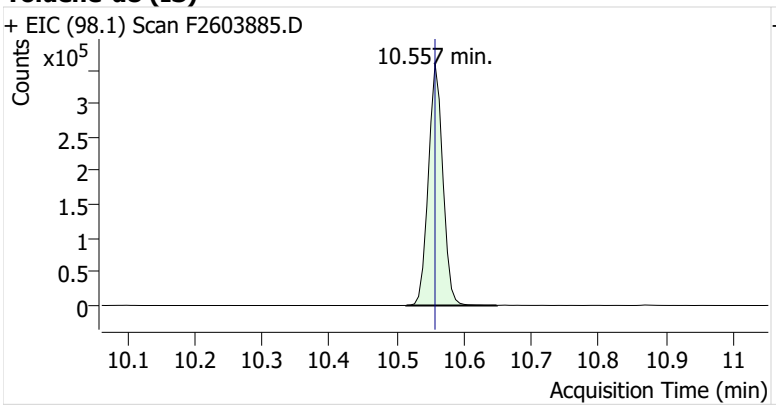


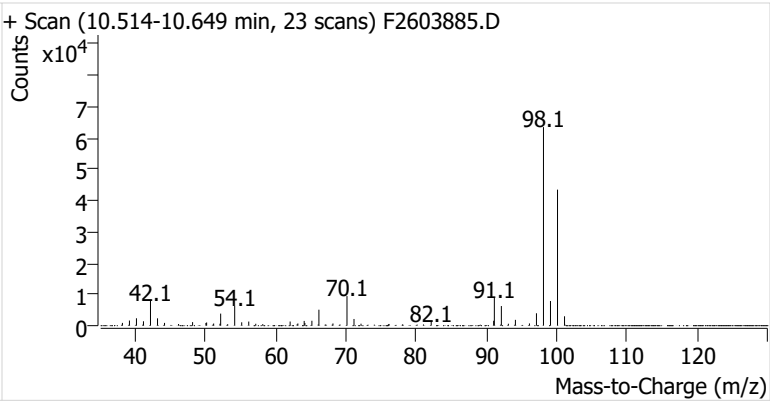
Benzene



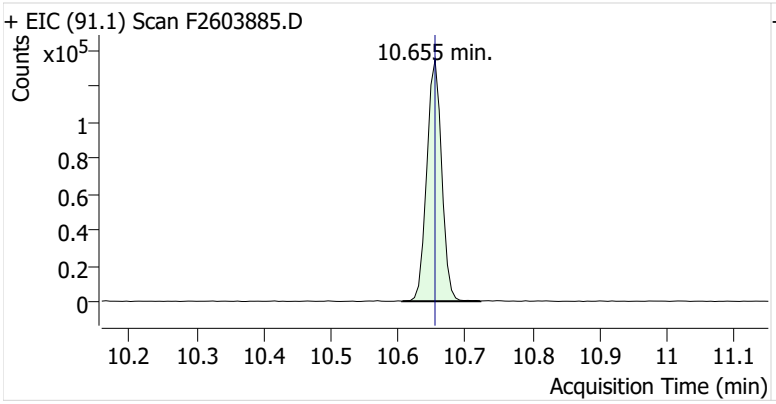


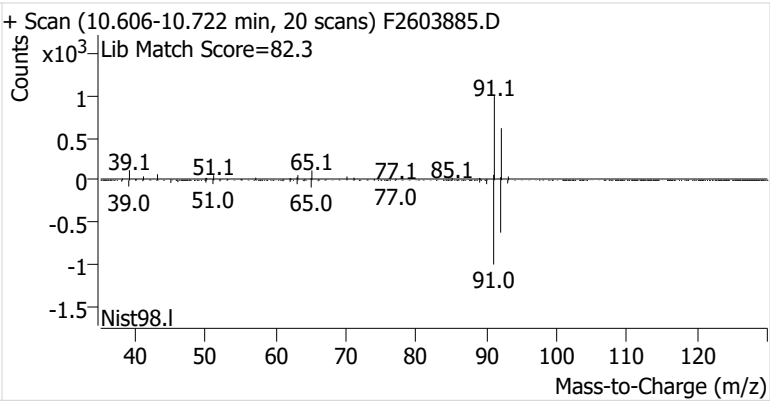
Toluene-d8 (IS)



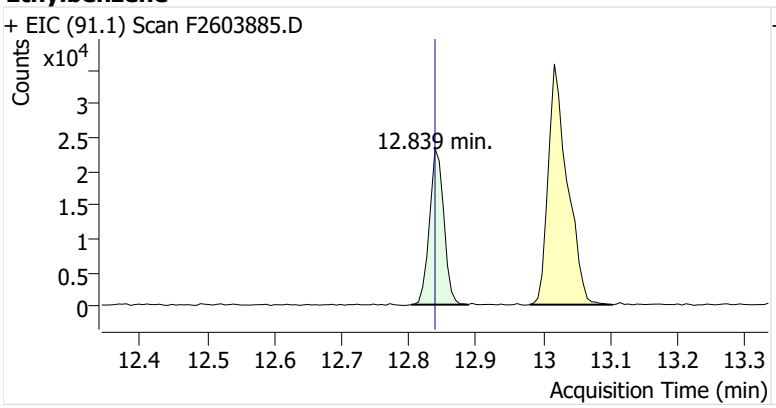


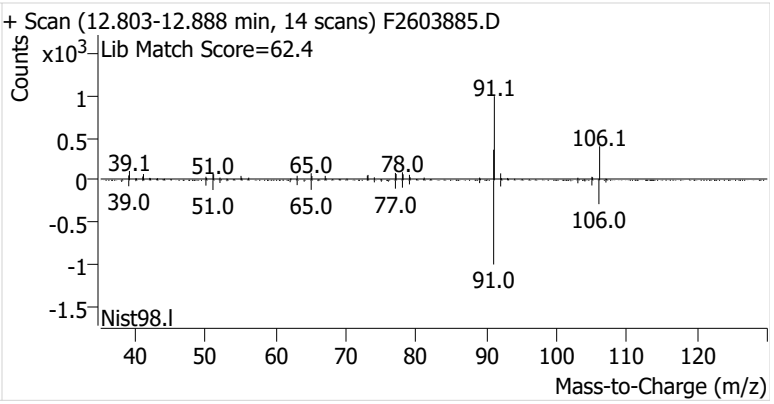
Toluene



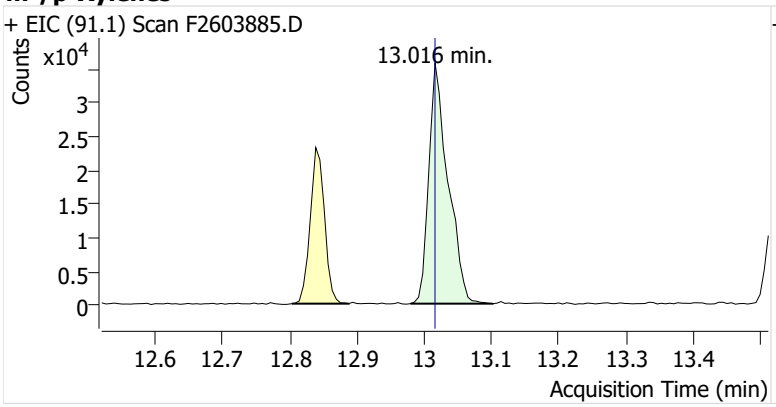


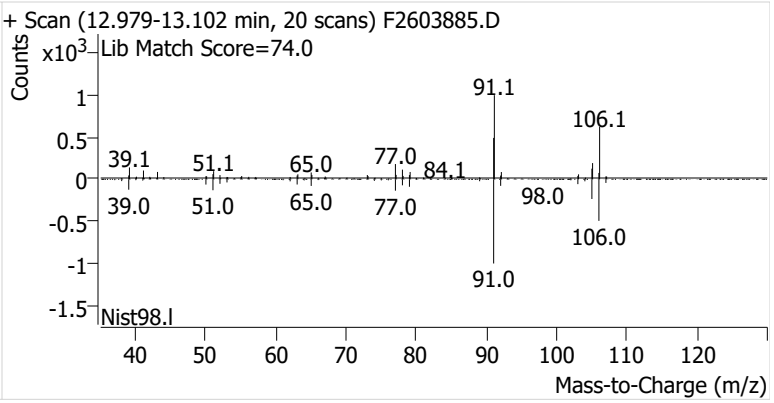
Ethylbenzene



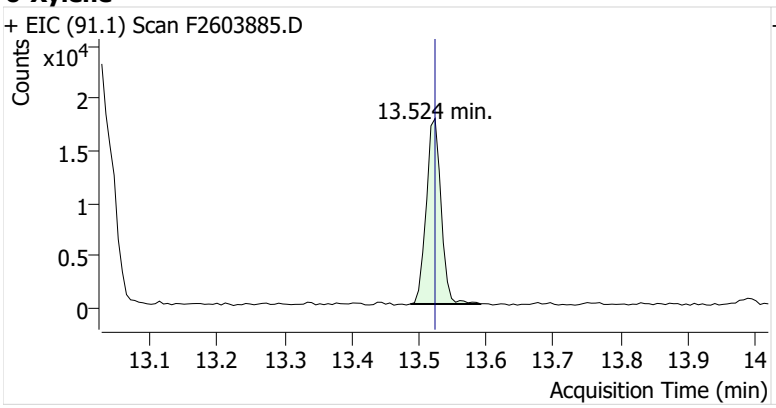


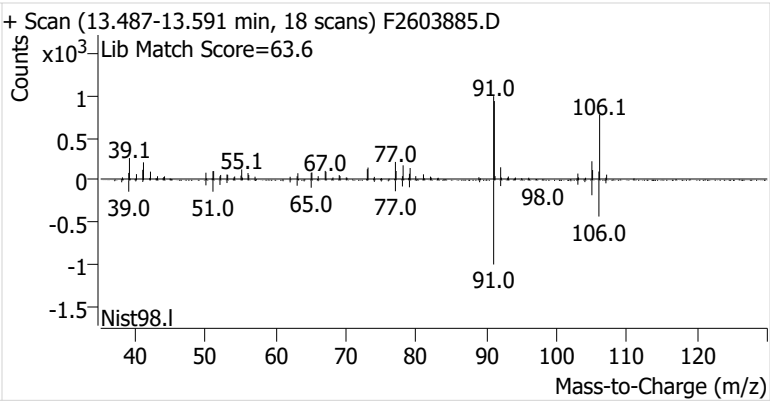
m-/p-Xylenes





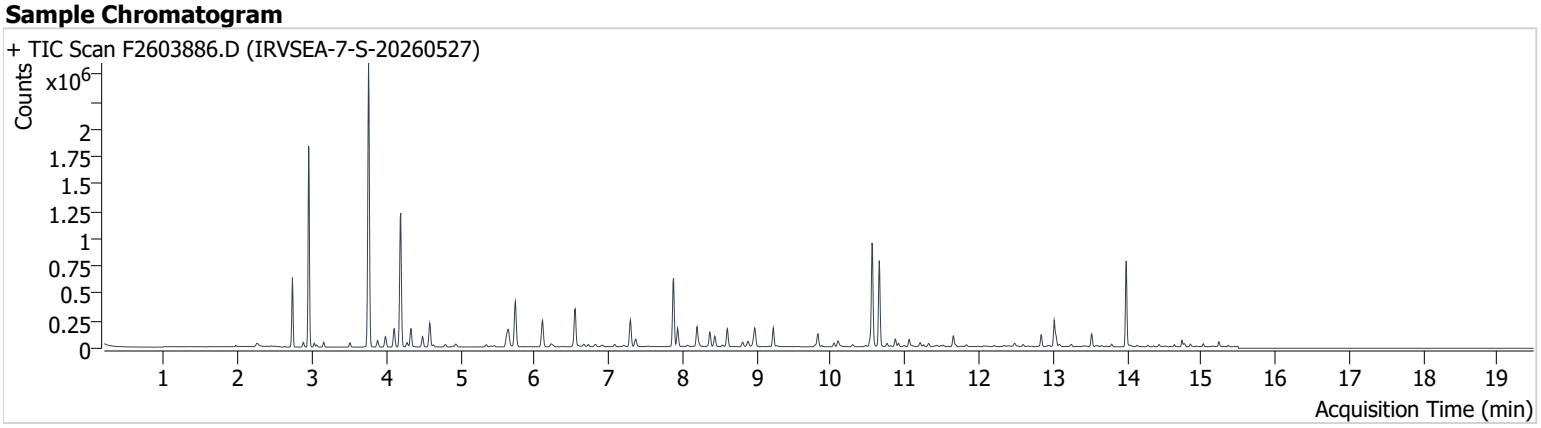
o-Xylene


+ EIC (91.1) Scan F2603885.D
Counts
x10^4
2
1.5
1
0.5
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.591 min, 18 scans) F2603885.D
Counts
x10^3
Lib Match Score=63.6
1
0.5
0
-0.5
-1
-1.5
91.0
106.1
39.1
55.1
67.0
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

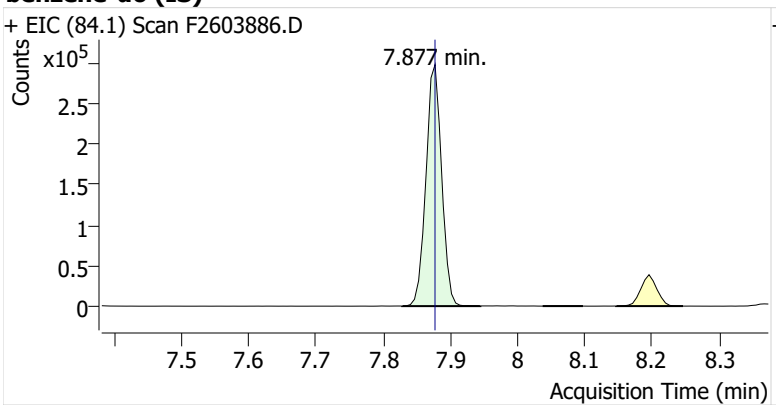
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Comment	C00703
Data File	F2603886.D
Acq. Date-Time	6/11/2026 6:45:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

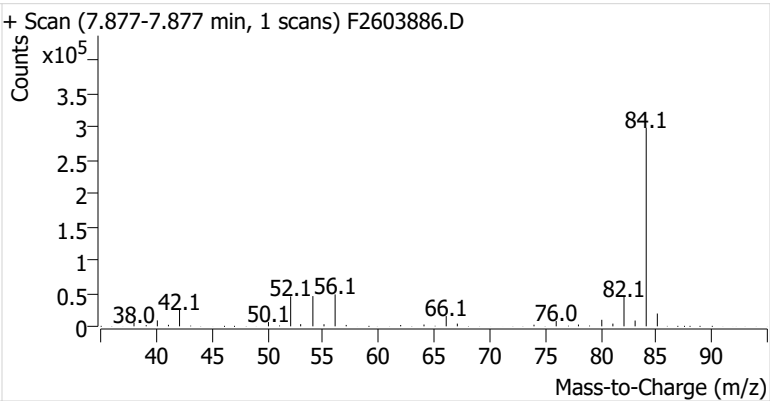
Sample Chromatogram



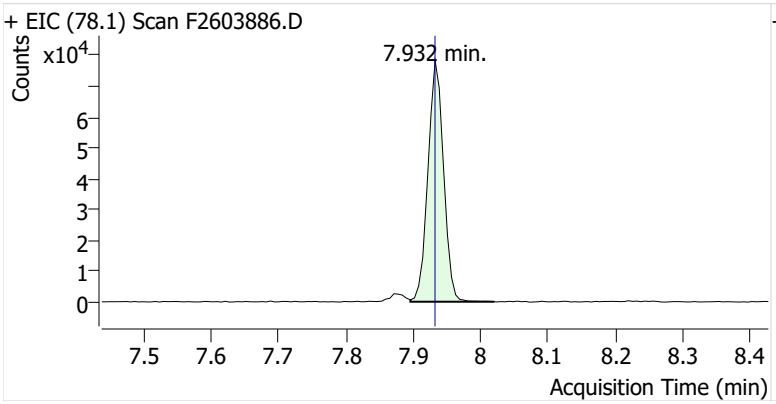
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	482,447	
Benzene	benzene-d6 (IS)	7.932	7.932	126,187	
Toluene-d8 (IS)		10.557	10.557	540,285	
Toluene	Toluene-d8 (IS)	10.655	10.655	436,182	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	66,692	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	162,650	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	64,155	

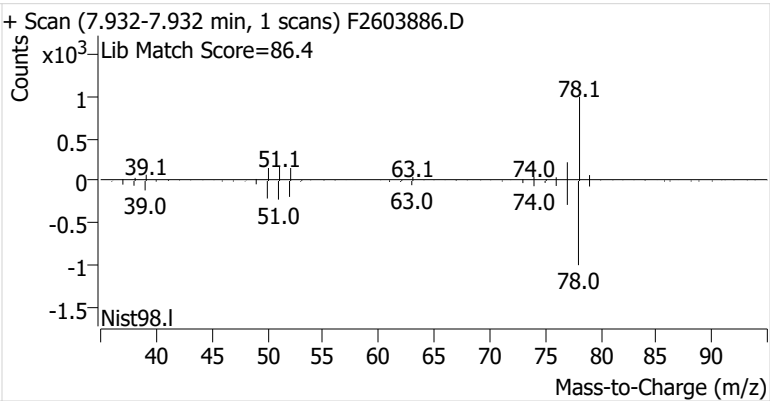
benzene-d6 (IS)



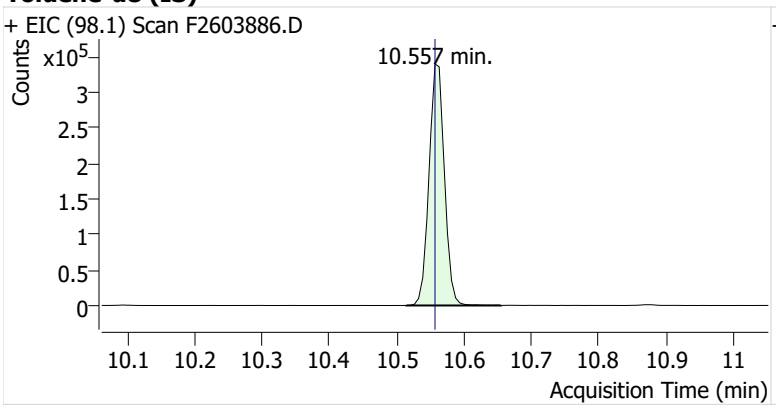


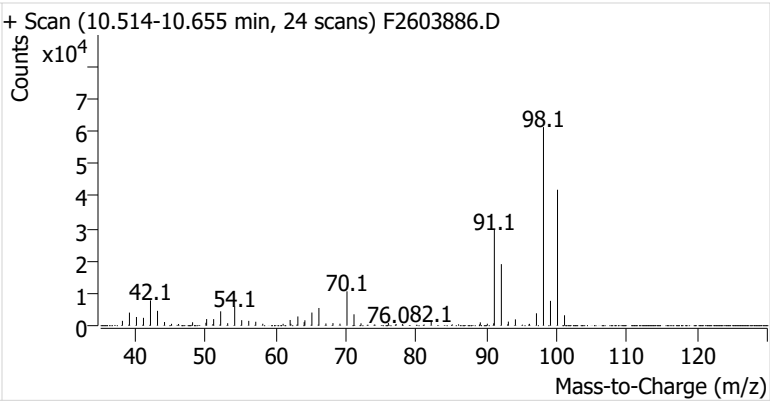
Benzene



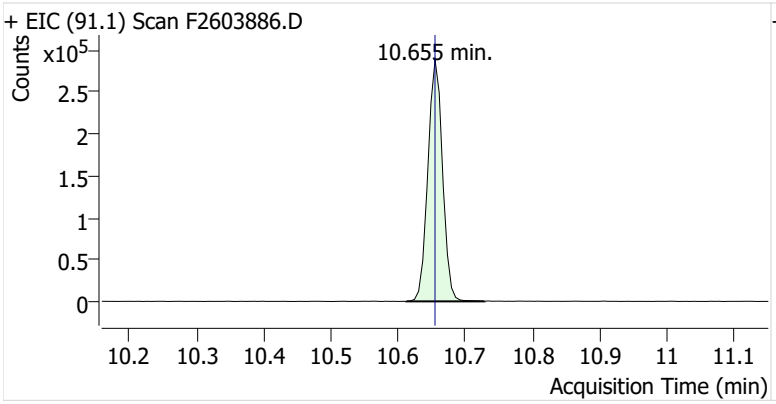


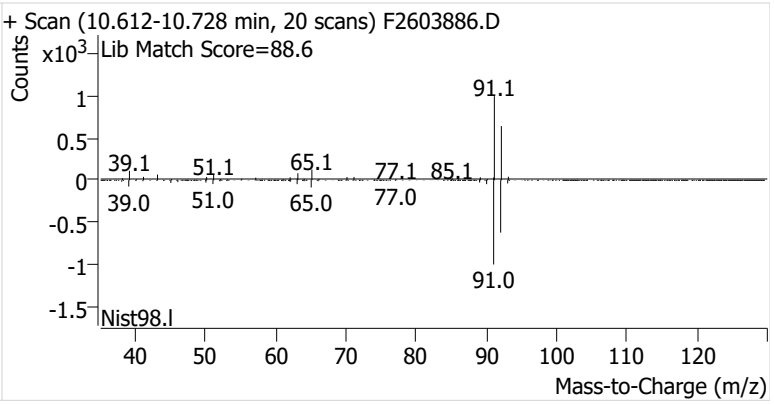
Toluene-d8 (IS)



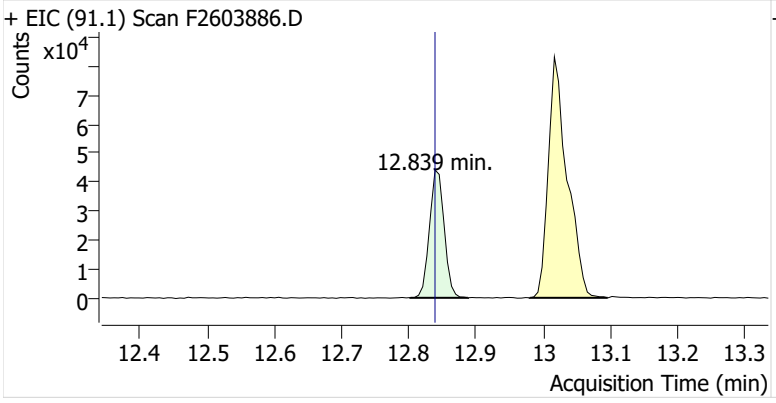


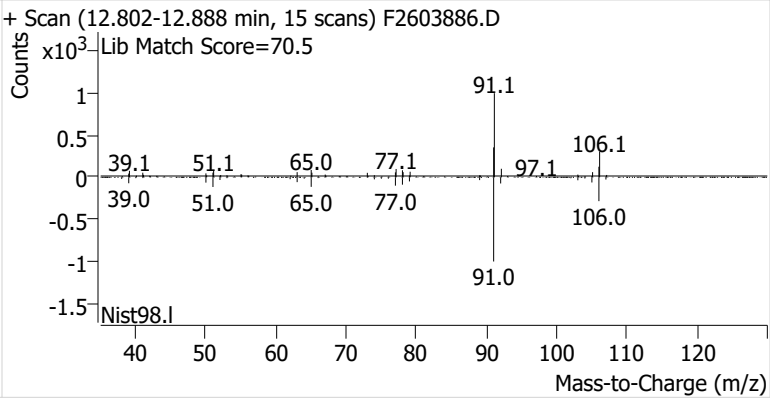
Toluene



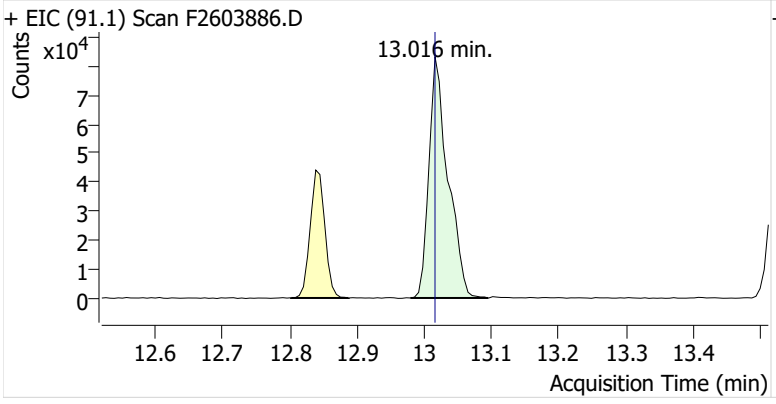


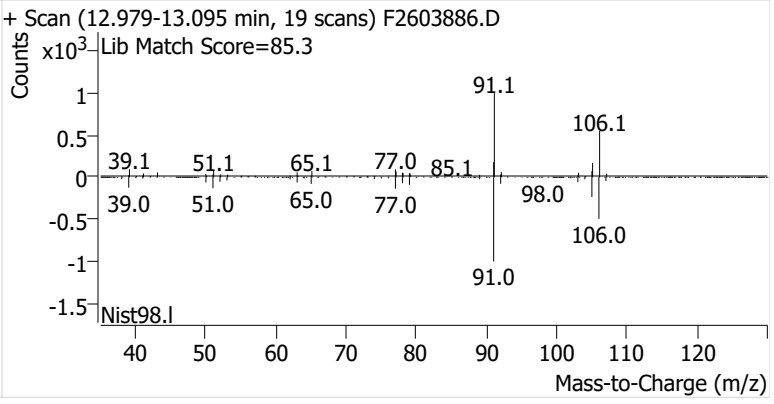
Ethylbenzene



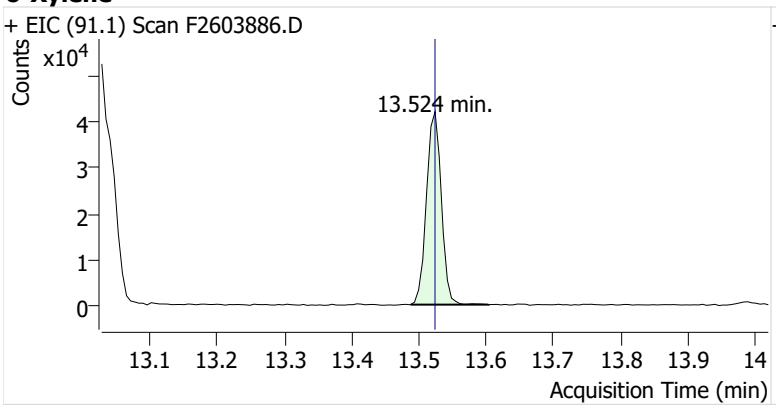


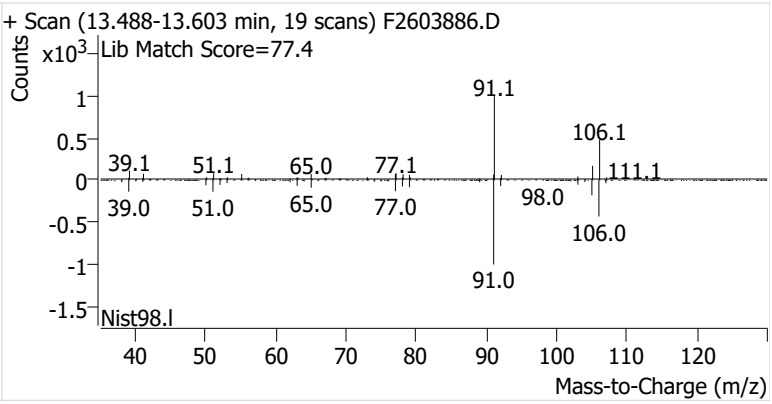
m-/p-Xylenes





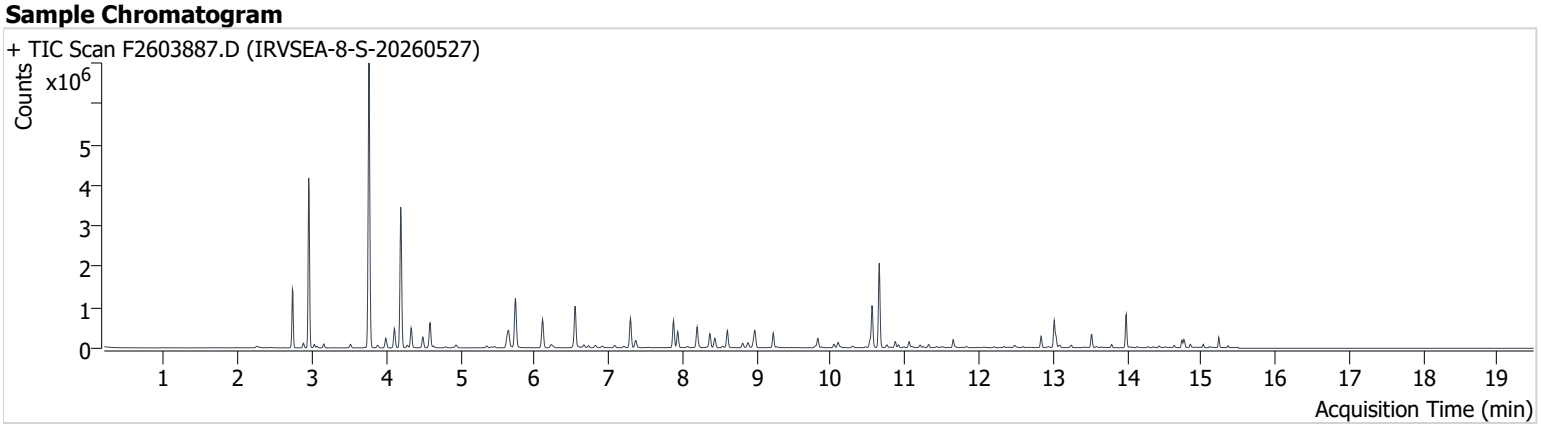
o-Xylene


+ EIC (91.1) Scan F2603886.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.488-13.603 min, 19 scans) F2603886.D
Counts
x10^3
Lib Match Score=77.4
91.1
106.1
39.1
51.1
65.0
77.1
111.1
98.0
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77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

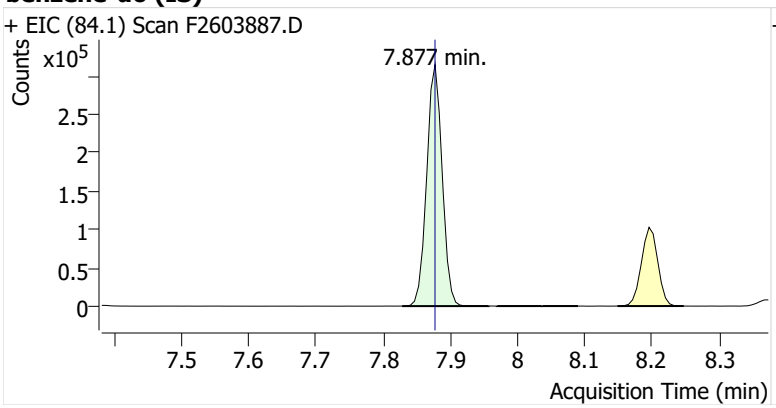
Name	IRVSEA-8-S-20260527
Comment	C55513
Data File	F2603887.D
Acq. Date-Time	6/11/2026 7:10:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

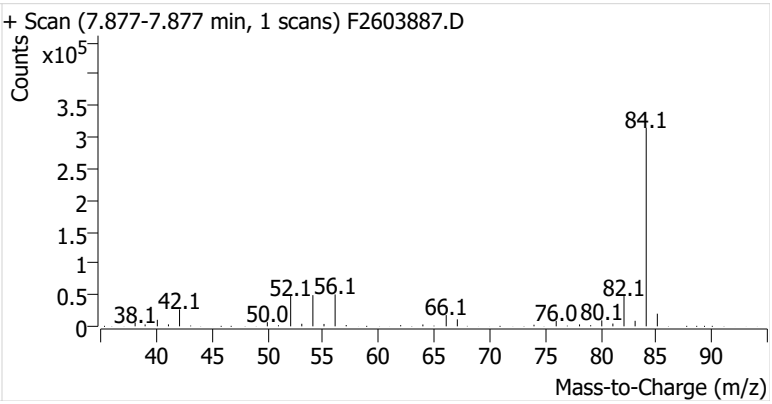
Sample Chromatogram



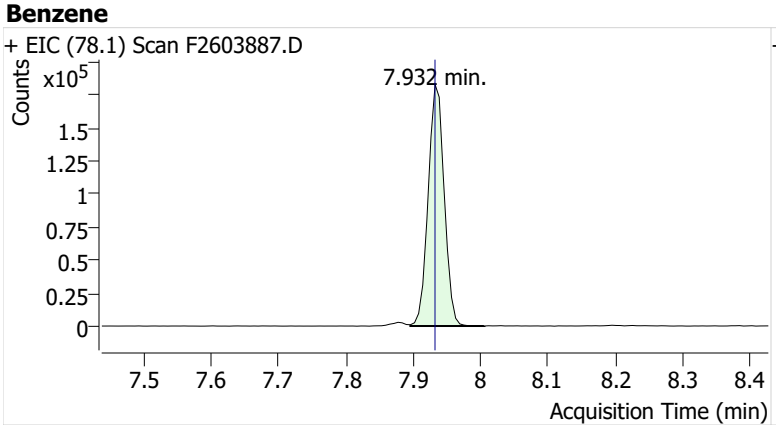
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	502,031	
Benzene	benzene-d6 (IS)	7.932	7.932	302,839	
Toluene-d8 (IS)		10.557	10.557	567,175	
Toluene	Toluene-d8 (IS)	10.655	10.655	1,171,400	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	168,233	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	465,144	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	178,835	

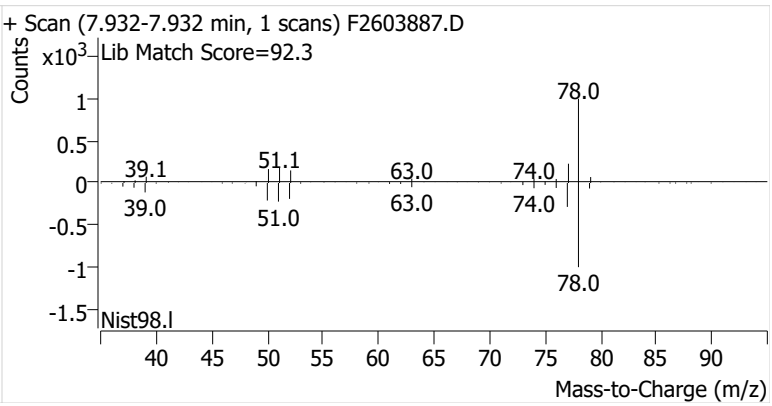
benzene-d6 (IS)



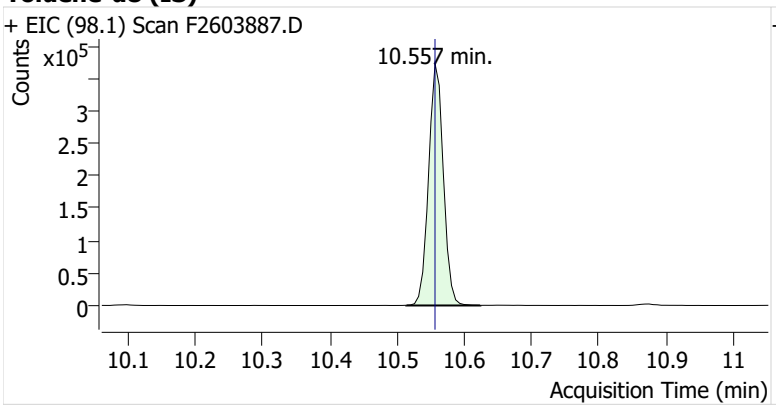


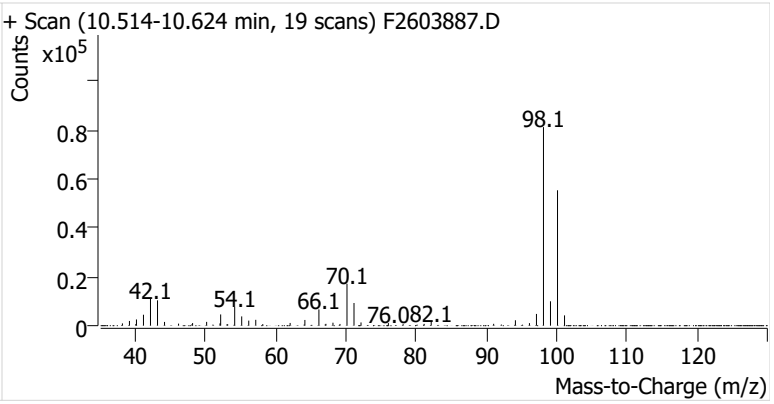
Benzene



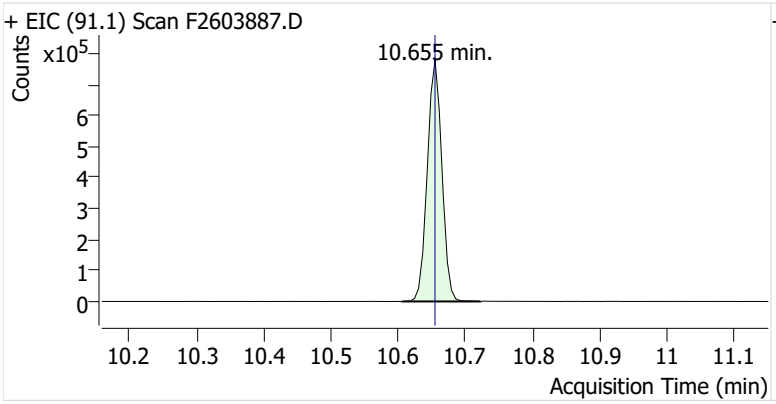


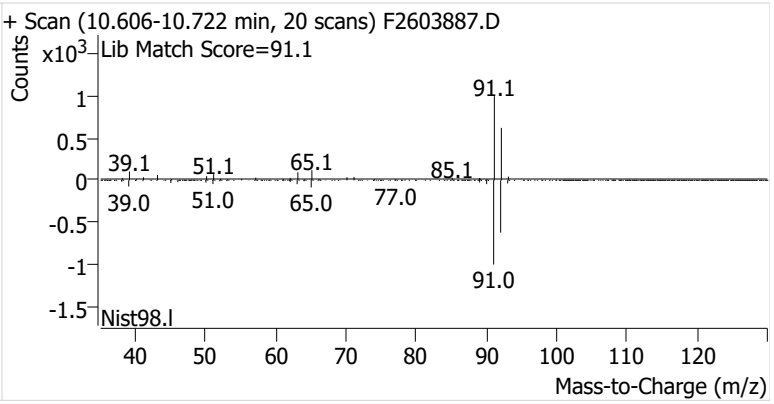
Toluene-d8 (IS)



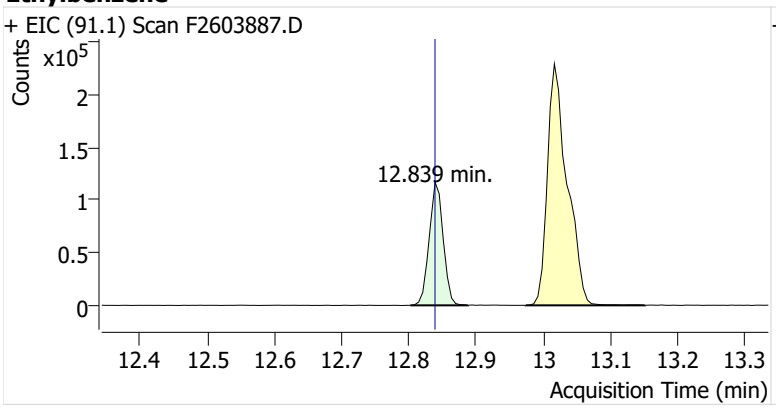


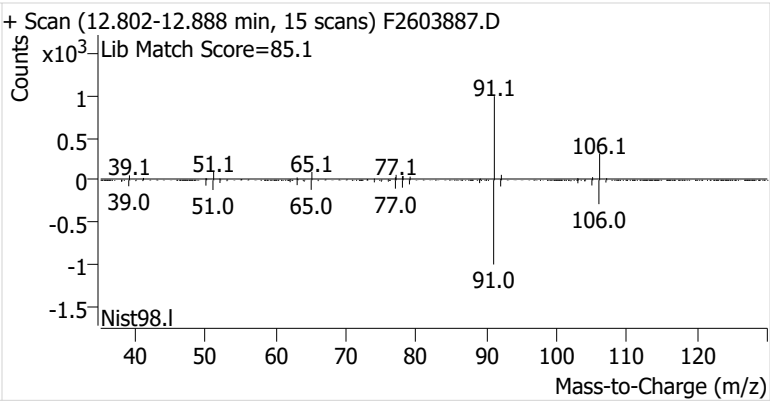
Toluene



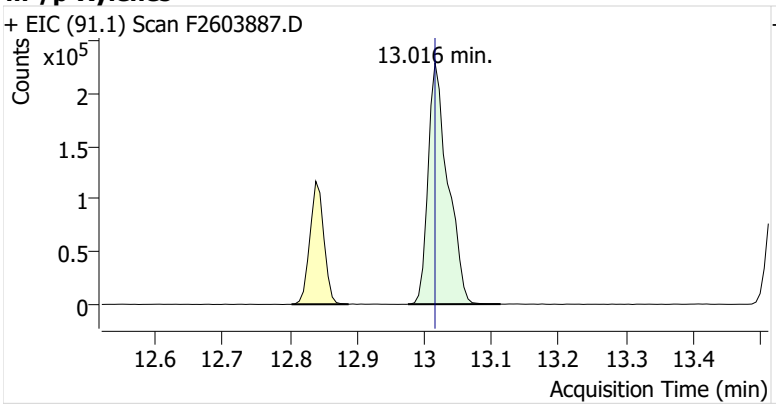


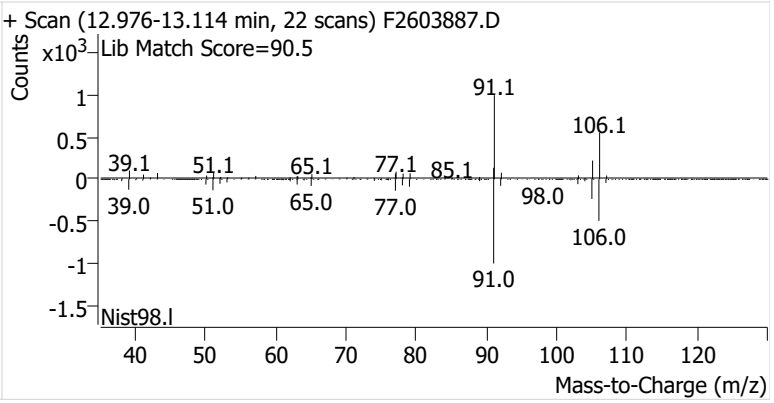
Ethylbenzene



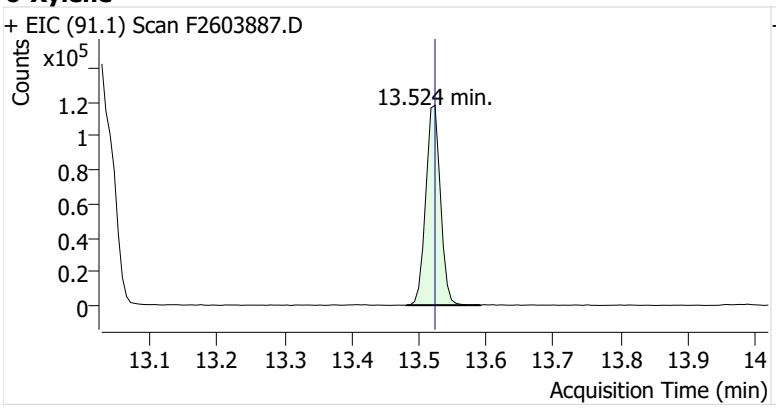


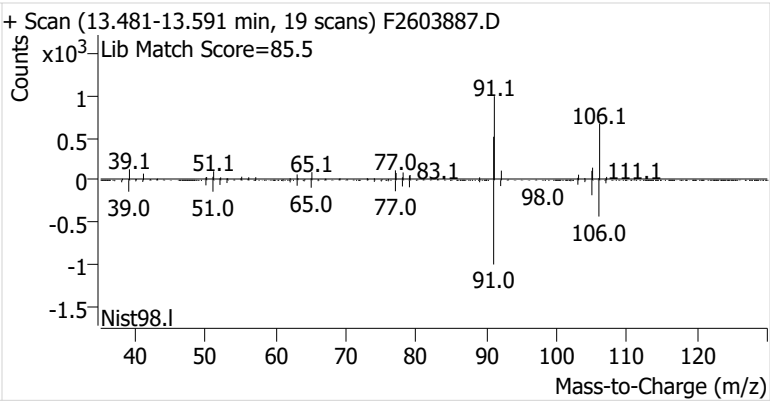
m-/p-Xylenes





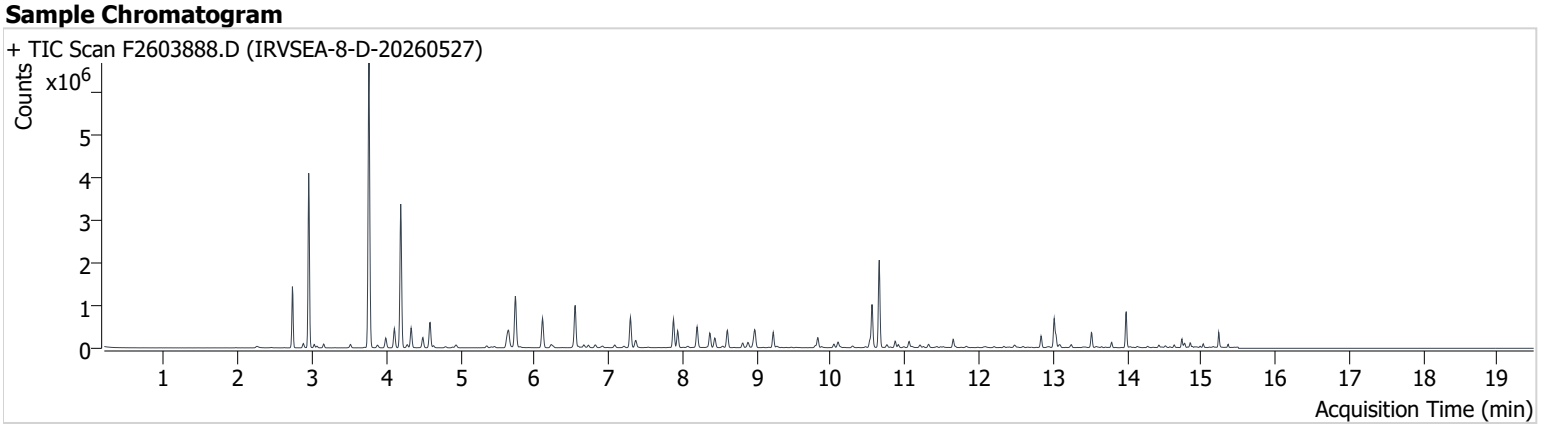
o-Xylene


+ EIC (91.1) Scan F2603887.D
Counts
x10^5
13.524 min.
Acquisition Time (min)


+ Scan (13.481-13.591 min, 19 scans) F2603887.D
Counts
x10^3
Lib Match Score=85.5
91.1
106.1
39.1
51.1
65.1
77.0
83.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

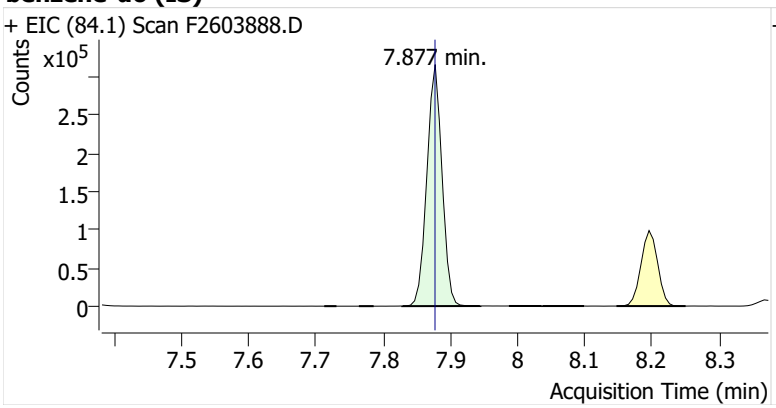
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Comment	C57504
Data File	F2603888.D
Acq. Date-Time	6/11/2026 7:35:54 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

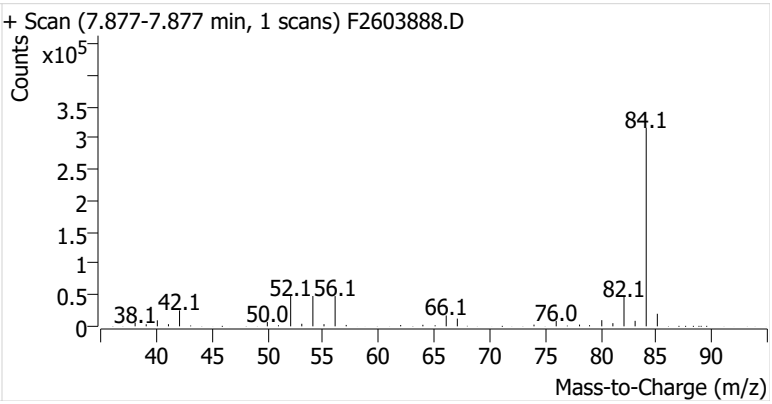
Sample Chromatogram



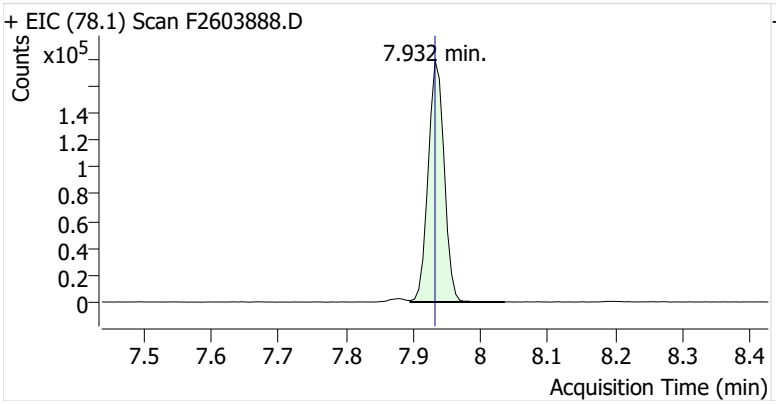
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	494,442	
Benzene	benzene-d6 (IS)	7.932	7.932	294,868	
Toluene-d8 (IS)		10.557	10.557	558,785	
Toluene	Toluene-d8 (IS)	10.655	10.655	1,159,009	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	165,757	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	480,066	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	188,422	

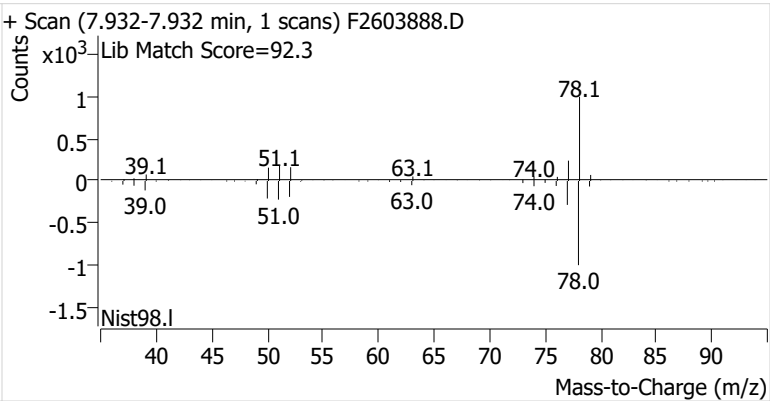
benzene-d6 (IS)



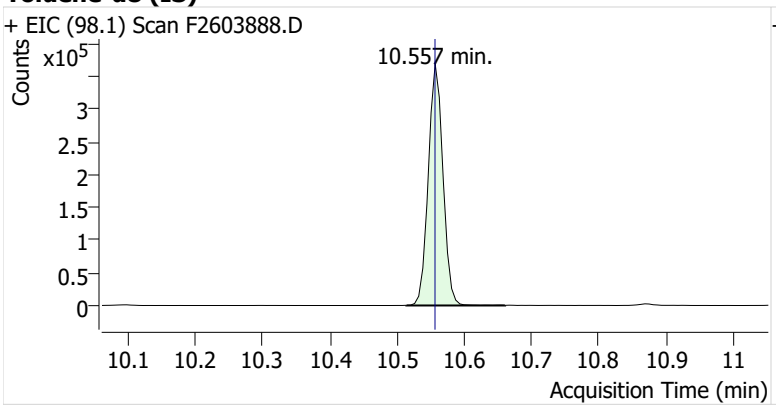


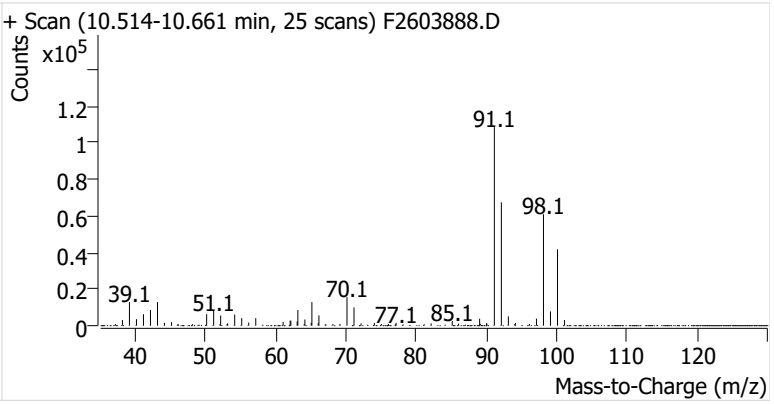
Benzene



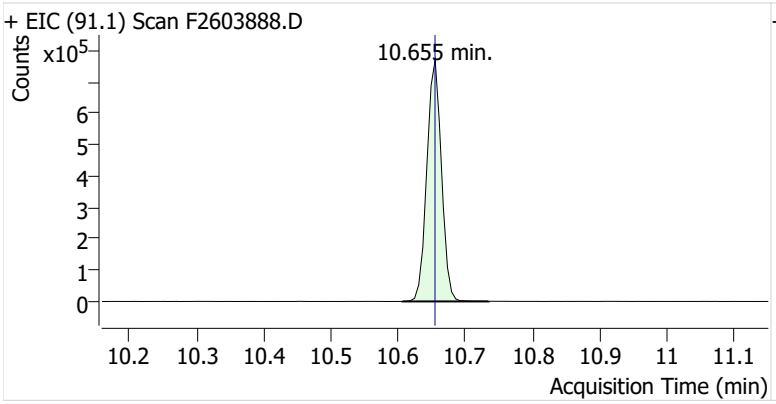


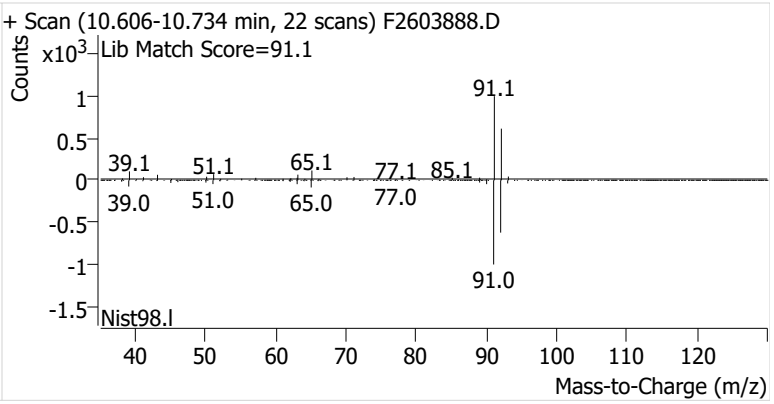
Toluene-d8 (IS)



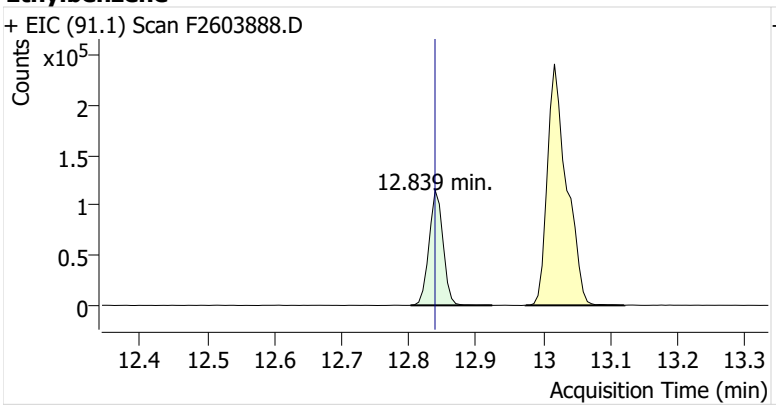


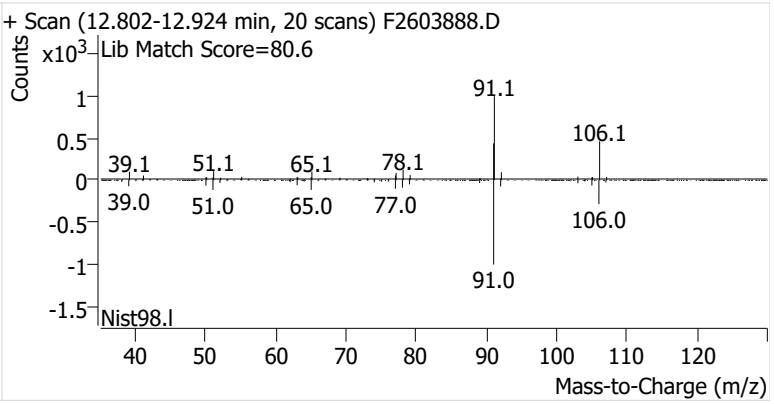
Toluene



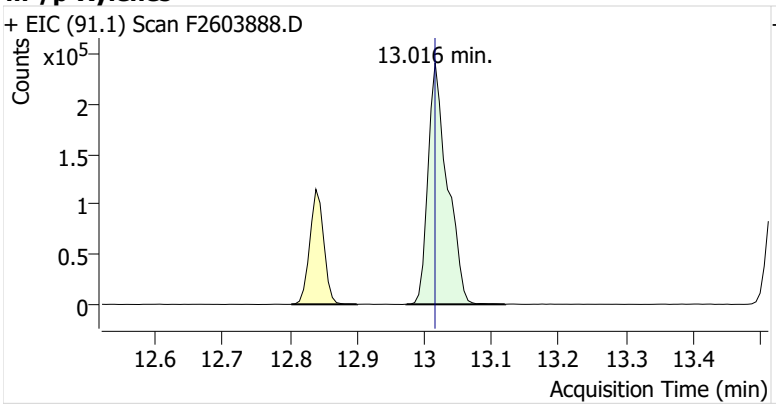


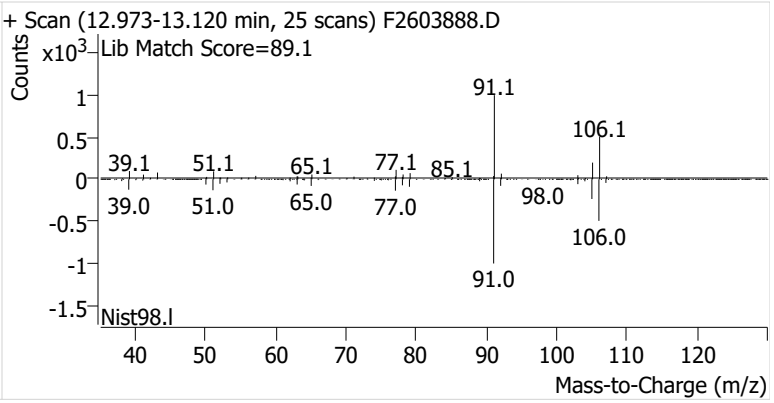
Ethylbenzene



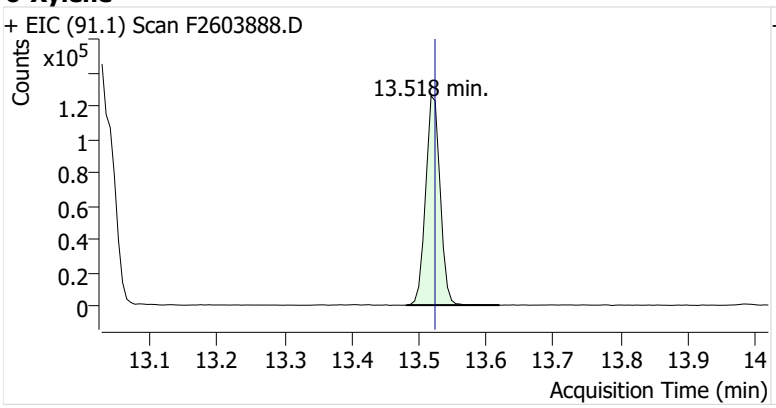


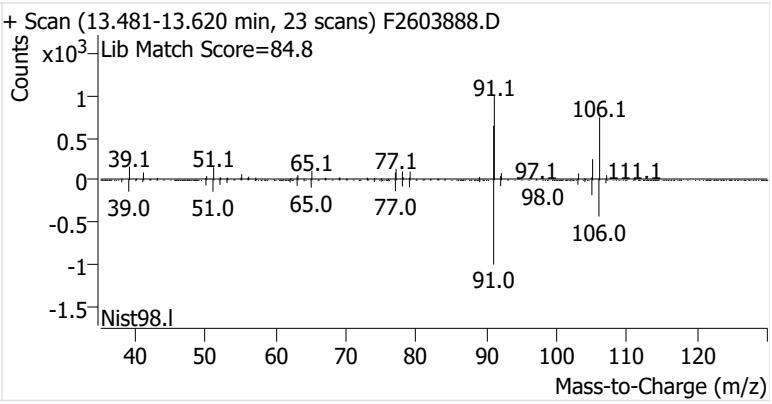
m-/p-Xylenes





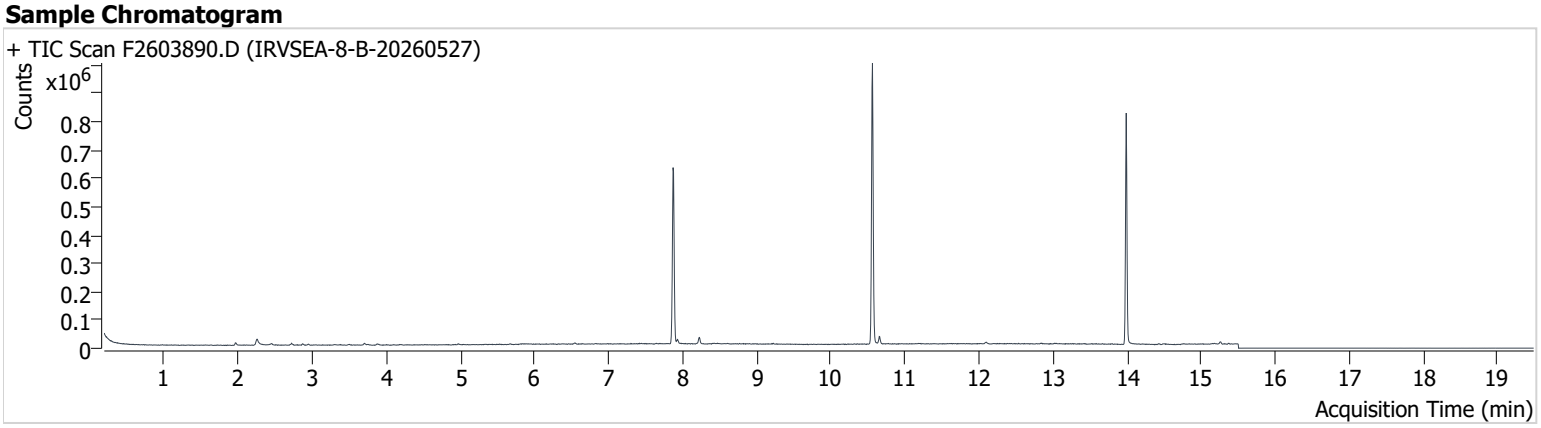
o-Xylene


+ EIC (91.1) Scan F2603888.D
Counts
x10^5
13.518 min.
Acquisition Time (min)


+ Scan (13.481-13.620 min, 23 scans) F2603888.D
Counts
x10^3
Lib Match Score=84.8
91.1
106.1
39.1
51.1
65.1
77.1
97.1
111.1
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39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

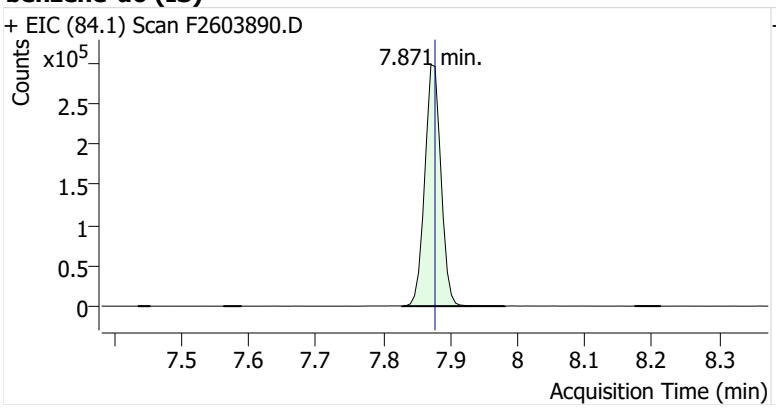
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Comment	B44278
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Acq. Date-Time	6/11/2026 8:26:44 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

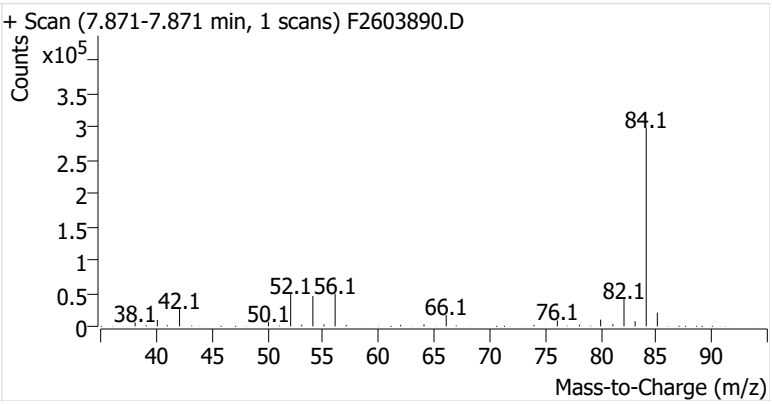
Sample Chromatogram



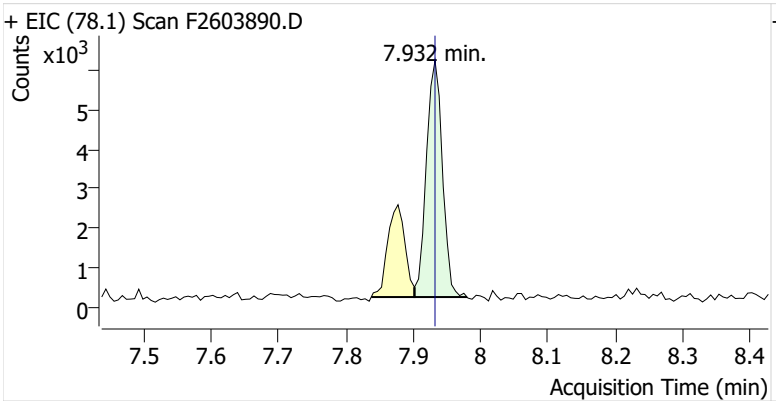
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	496,842	
Benzene	benzene-d6 (IS)	7.932	7.932	9,946	
Toluene-d8 (IS)		10.563	10.557	554,092	
Toluene	Toluene-d8 (IS)	10.655	10.655	15,008	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	919	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.016	1,065	
o-Xylene	Toluene-d8 (IS)	13.536	13.524	523	

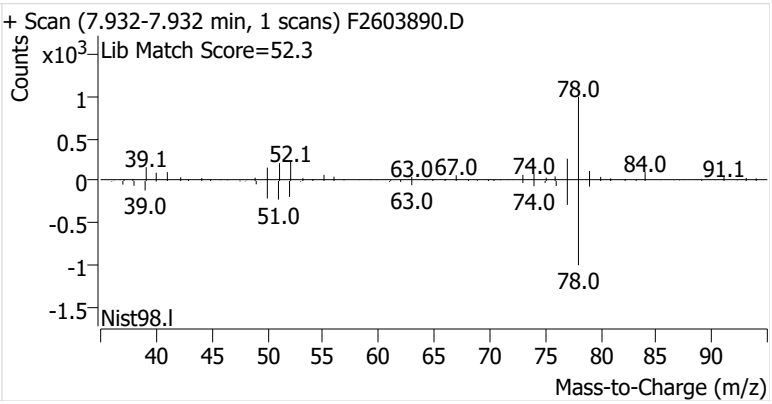
benzene-d6 (IS)



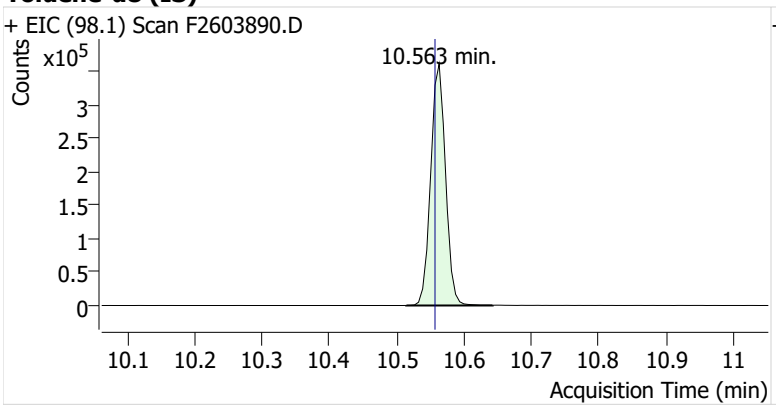


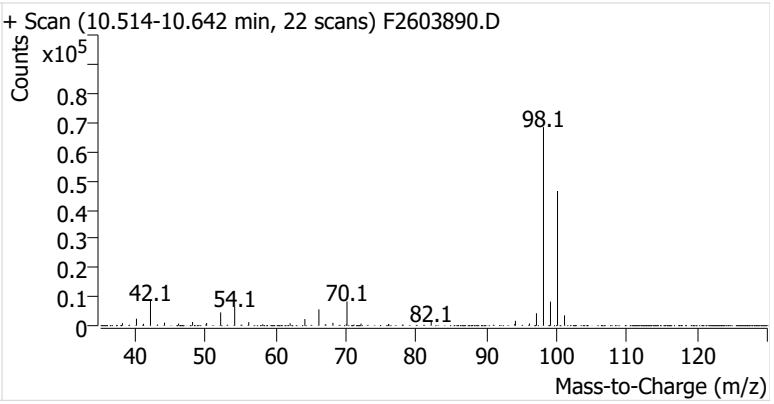
Benzene



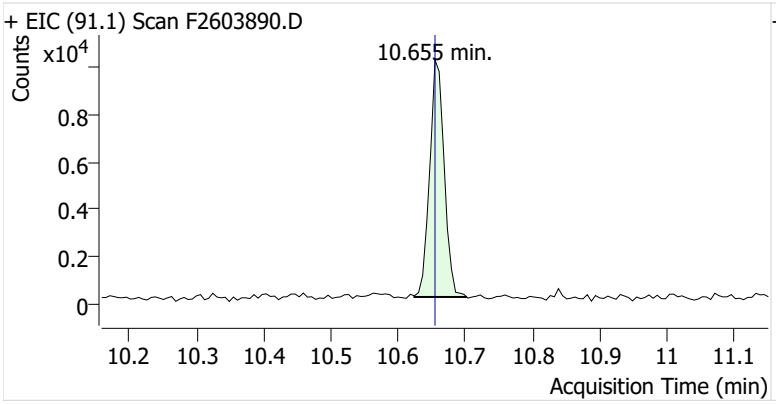


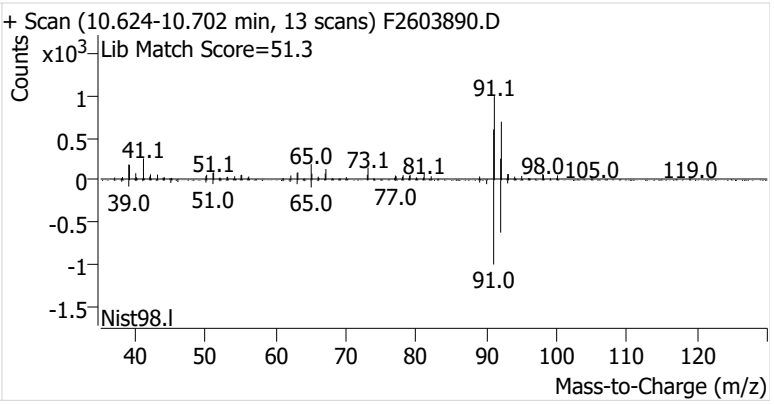
Toluene-d8 (IS)



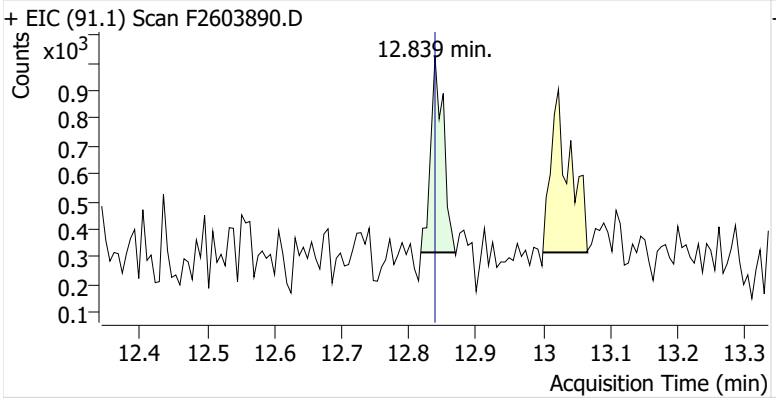


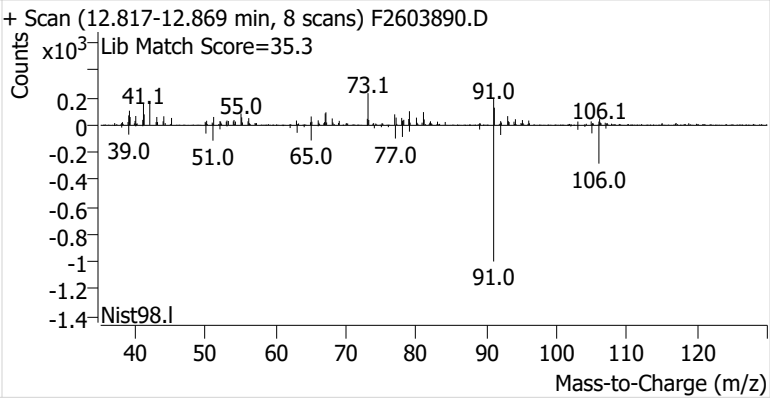
Toluene



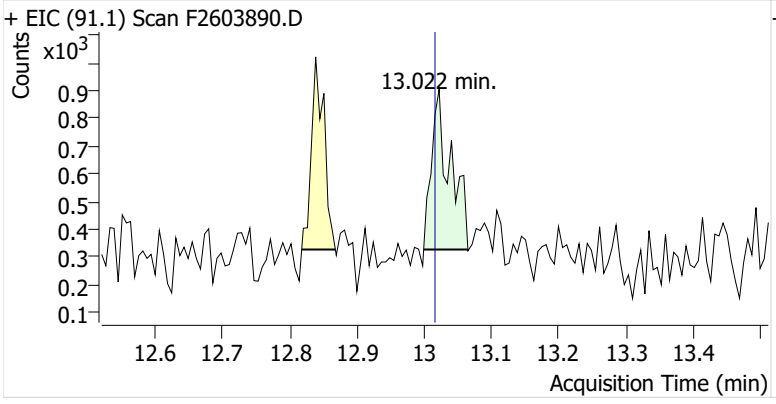


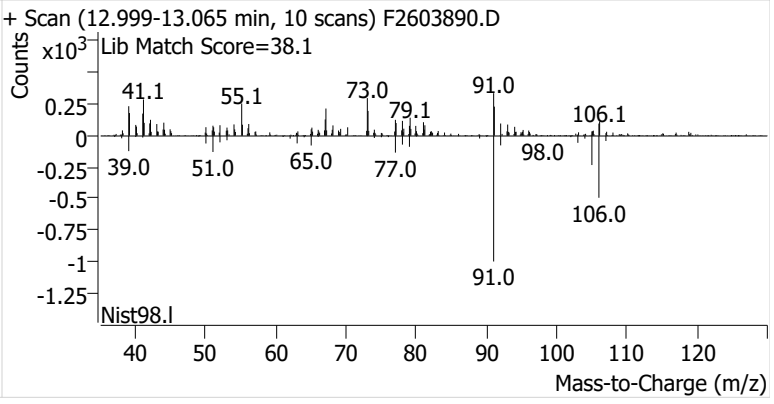
Ethylbenzene



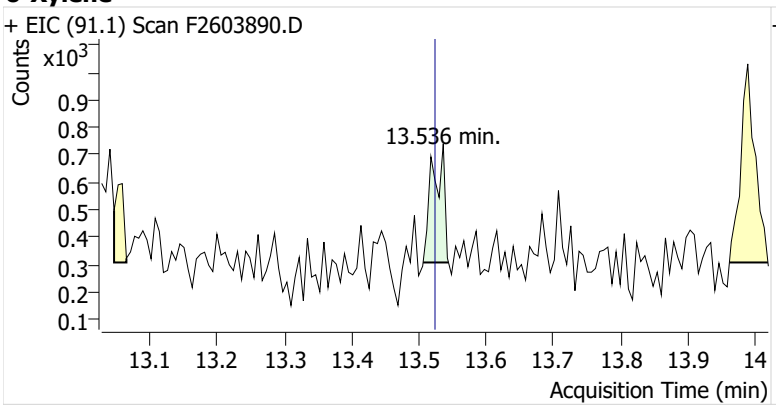


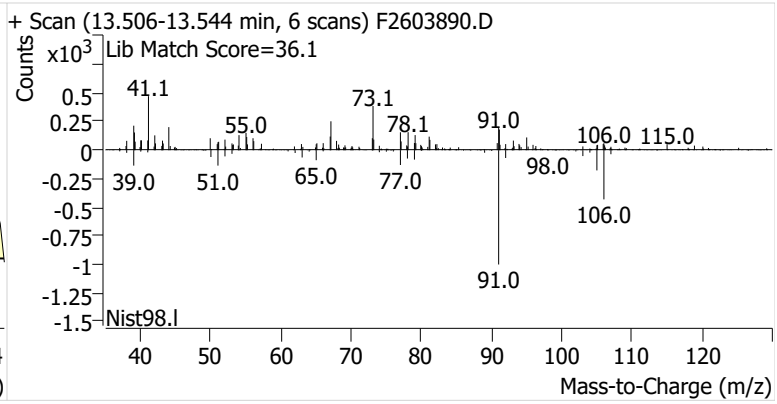
m-/p-Xylenes





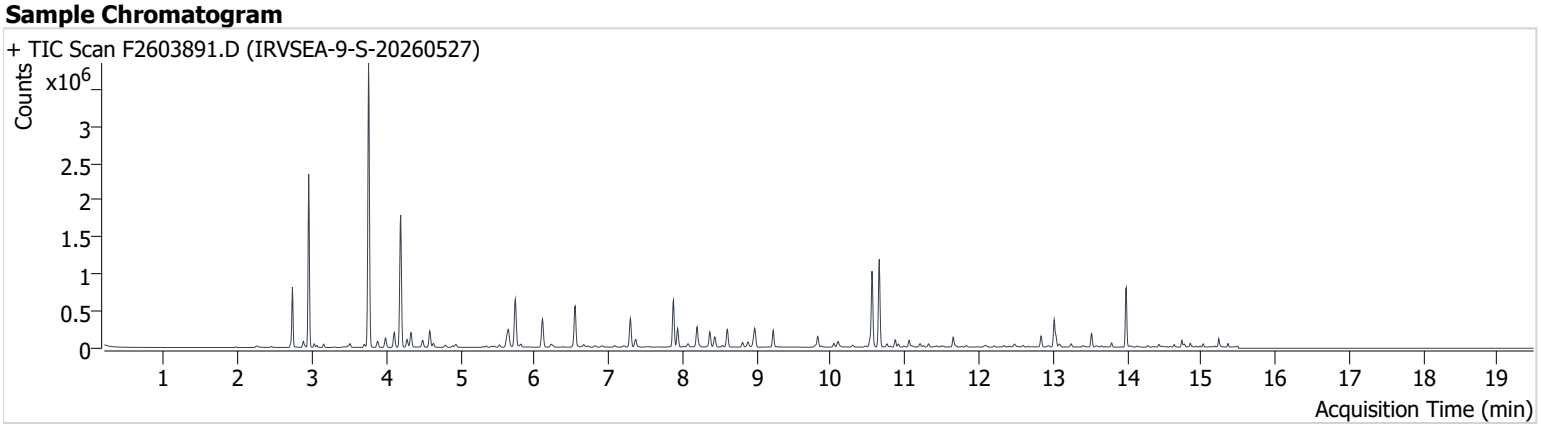
o-Xylene


+ EIC (91.1) Scan F2603890.D
Counts
x10^3
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0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
13.536 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.506-13.544 min, 6 scans) F2603890.D
Counts
x10^3
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-0.25
-0.5
-0.75
-1
-1.25
-1.5
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55.0
73.1
78.1
91.0
106.0
115.0
39.0
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98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

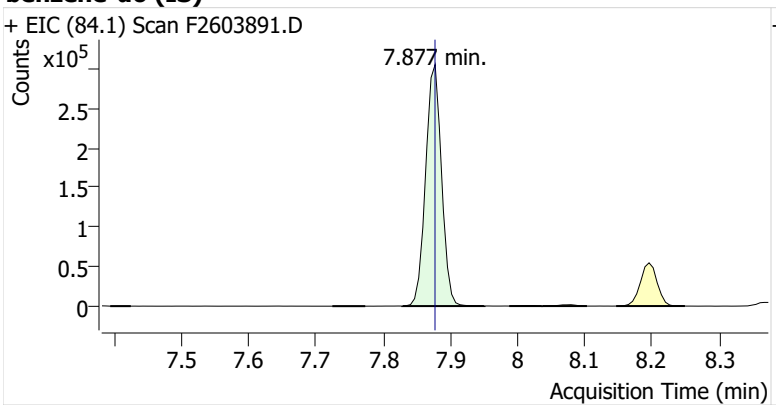
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Acq. Date-Time	6/11/2026 8:52:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

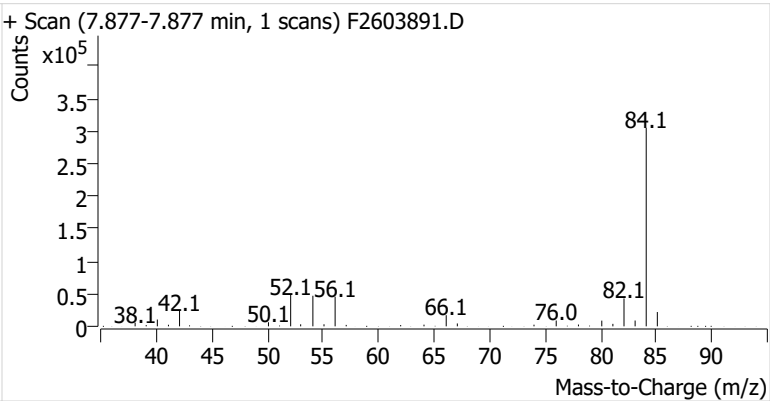
Sample Chromatogram



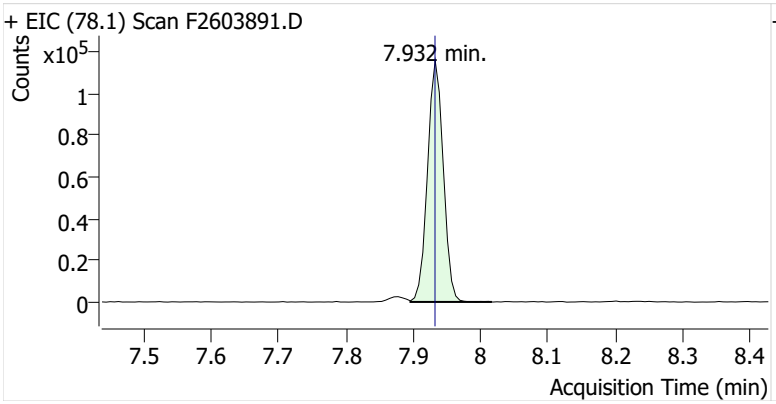
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	499,962	
Benzene	benzene-d6 (IS)	7.932	7.932	188,587	
Toluene-d8 (IS)		10.557	10.557	561,632	
Toluene	Toluene-d8 (IS)	10.655	10.655	664,192	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	86,234	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	255,194	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	99,168	

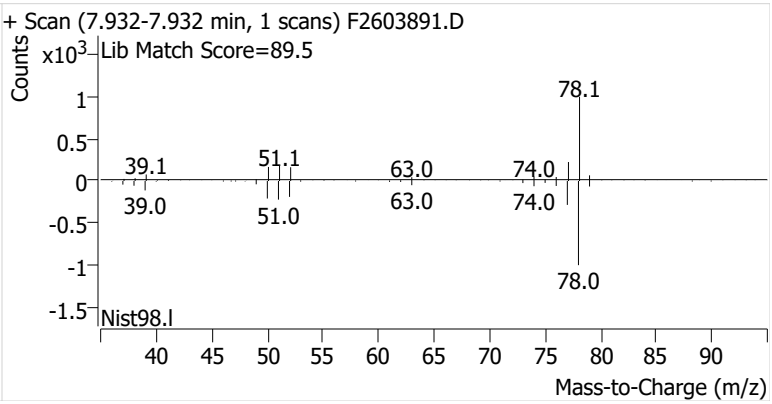
benzene-d6 (IS)



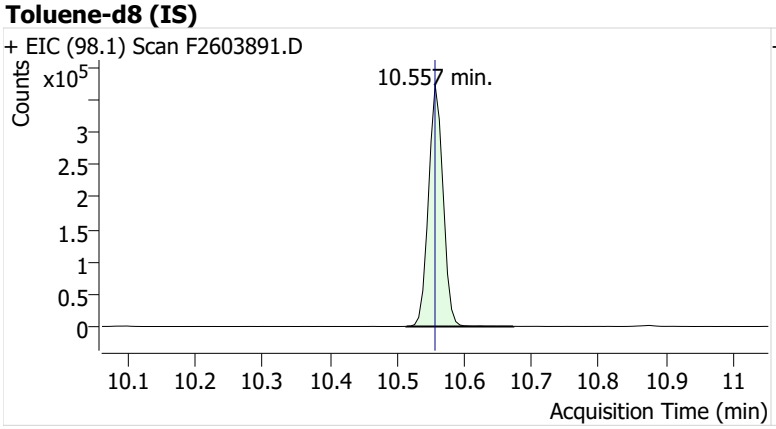


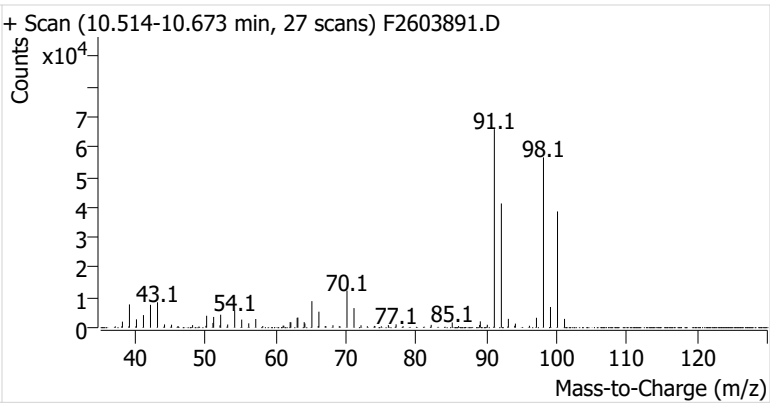
Benzene



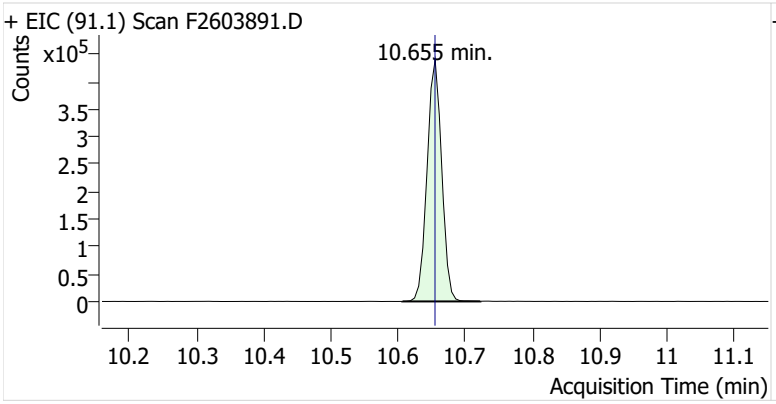


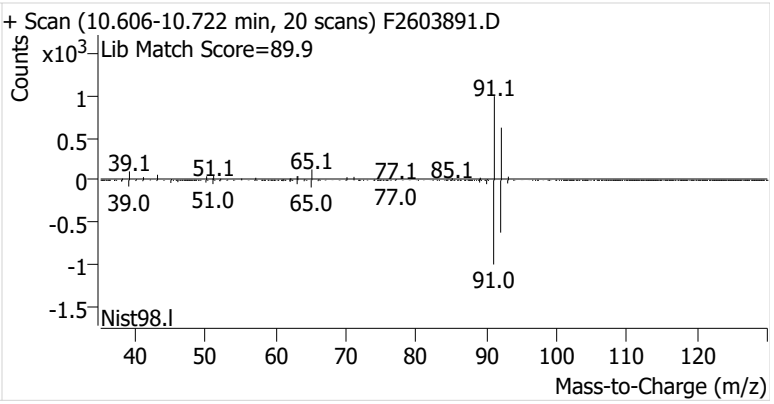
Toluene-d8 (IS)



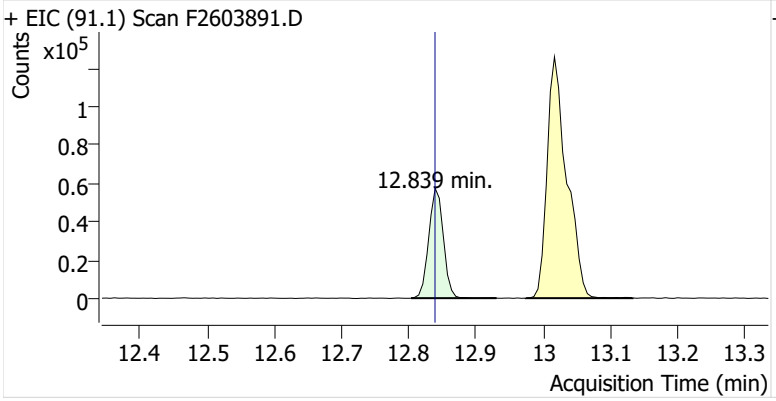


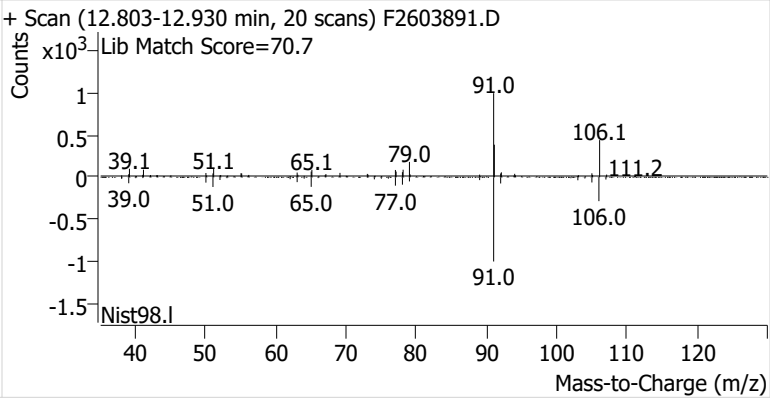
Toluene



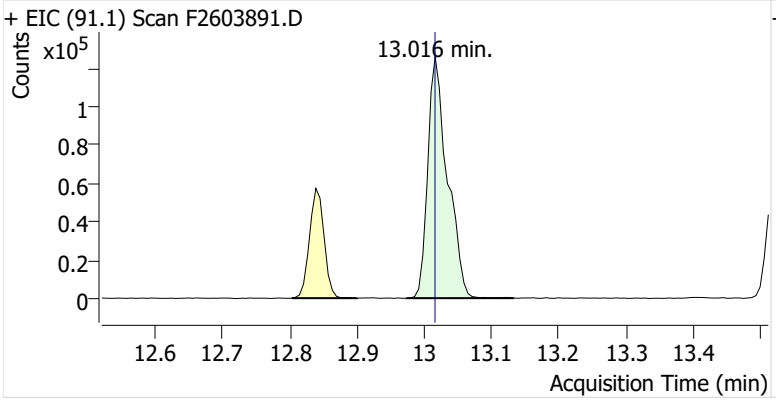


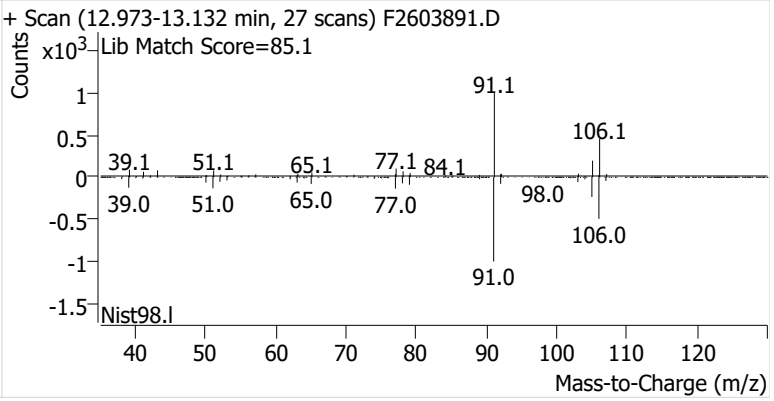
Ethylbenzene



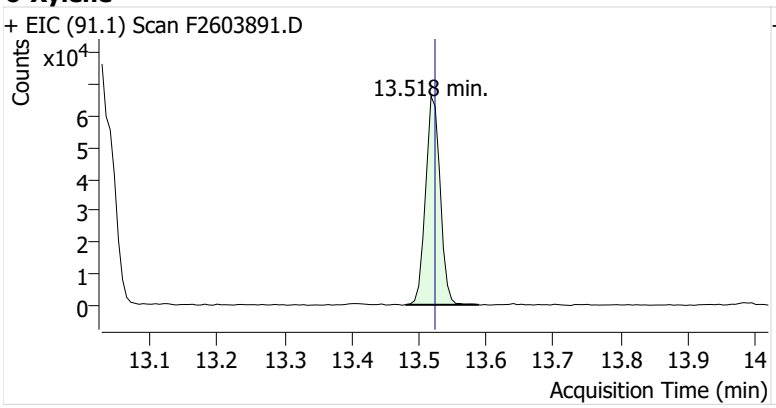


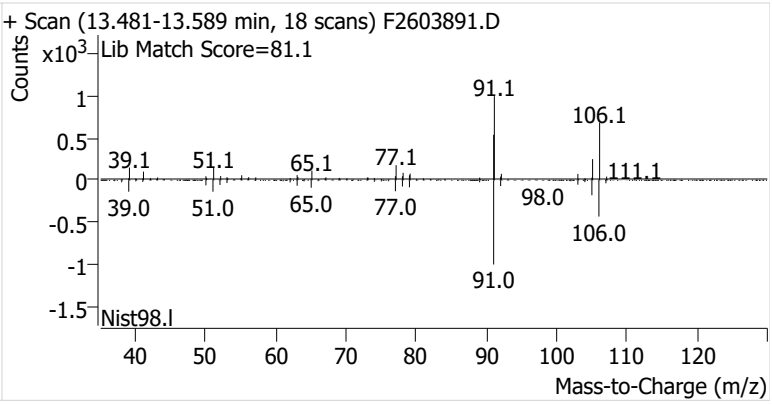
m-/p-Xylenes





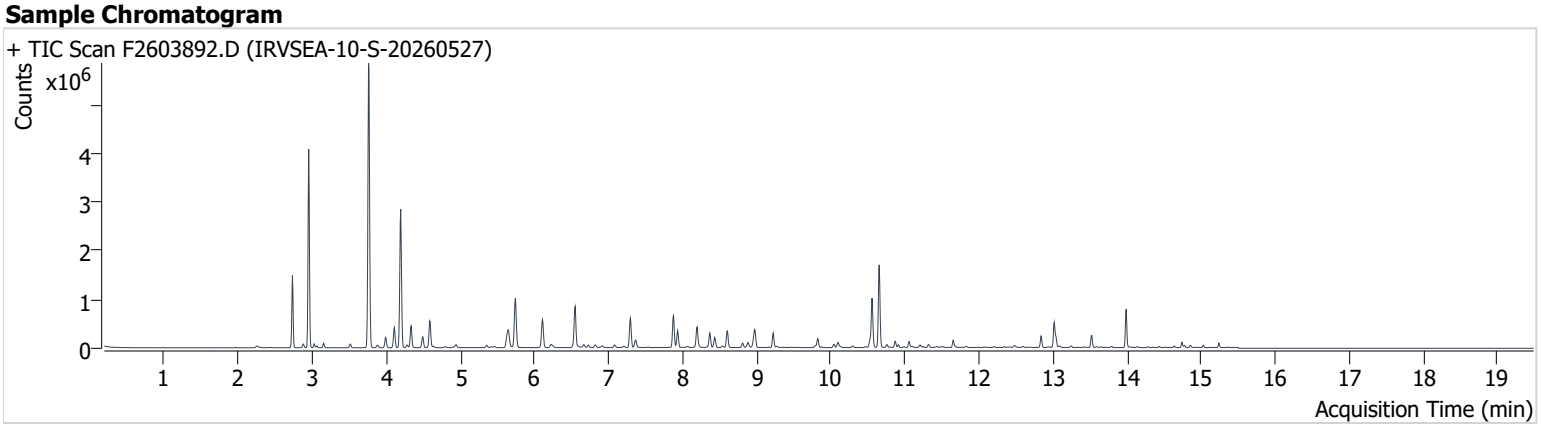
o-Xylene


+ EIC (91.1) Scan F2603891.D
Counts
x10^4
13.518 min.
Acquisition Time (min)


+ Scan (13.481-13.589 min, 18 scans) F2603891.D
Counts
x10^3
Lib Match Score=81.1
91.1
106.1
39.1
51.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

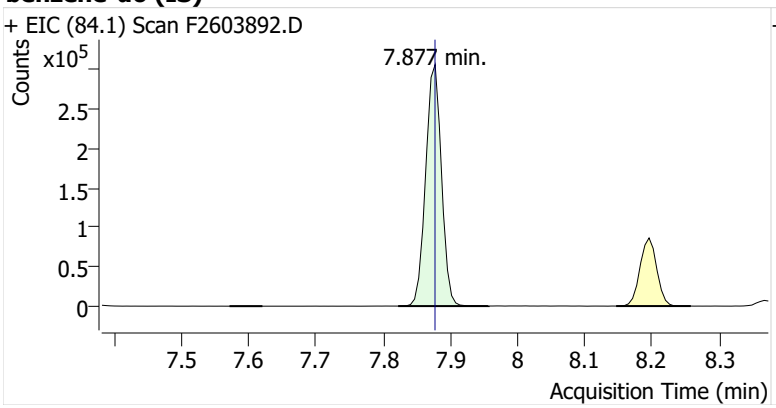
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Comment	C32892
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Acq. Date-Time	6/11/2026 9:17:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

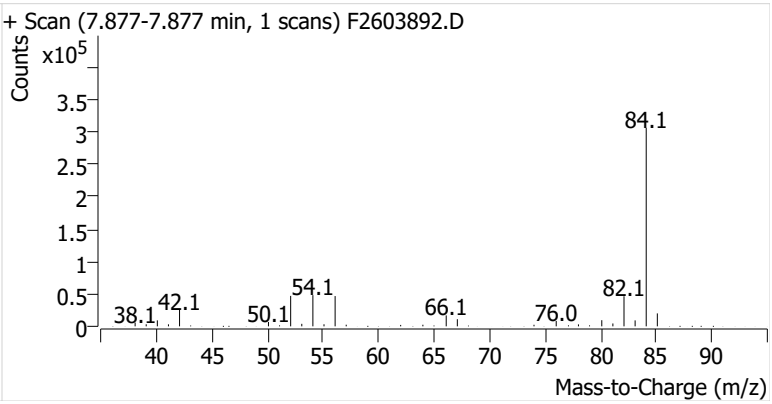
Sample Chromatogram



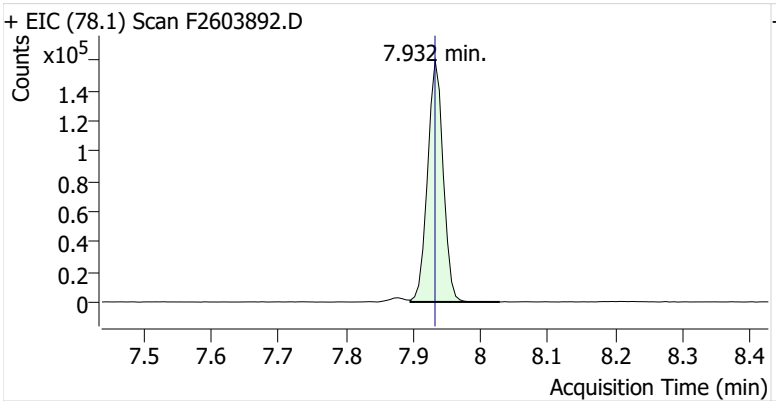
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	498,286	
Benzene	benzene-d6 (IS)	7.932	7.932	257,518	
Toluene-d8 (IS)		10.557	10.557	559,267	
Toluene	Toluene-d8 (IS)	10.655	10.655	978,874	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	142,980	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	363,388	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	139,087	

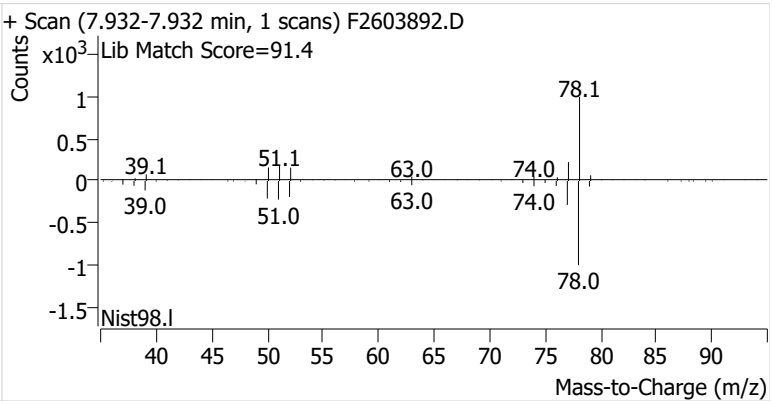
benzene-d6 (IS)



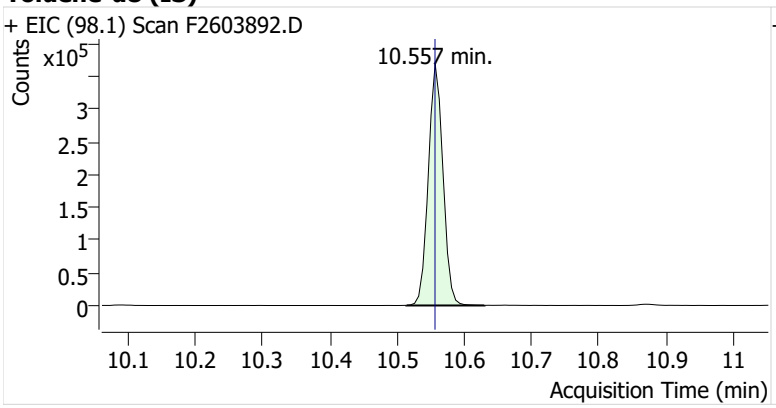


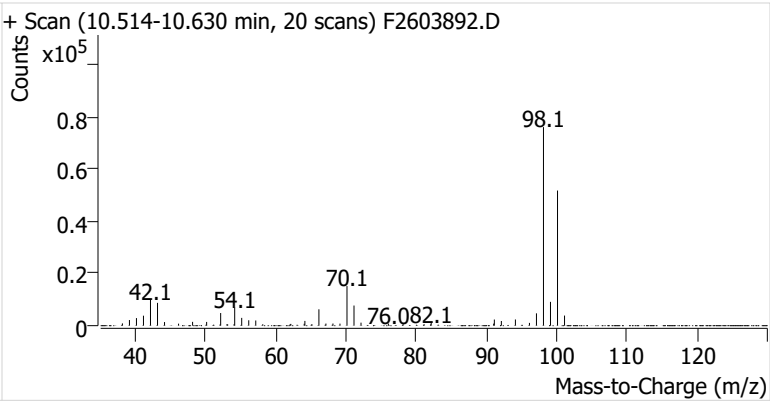
Benzene



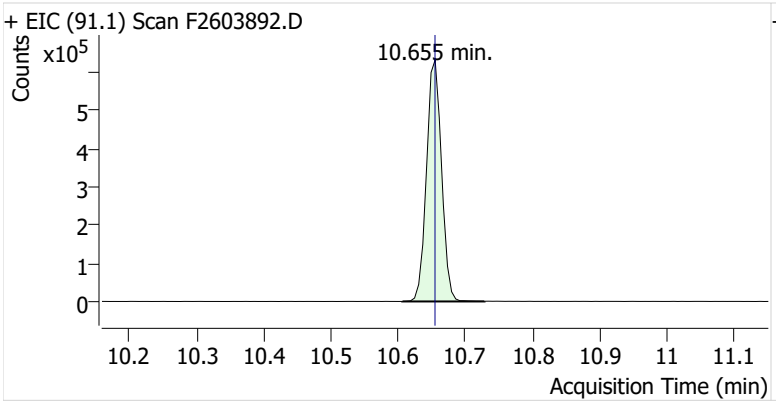


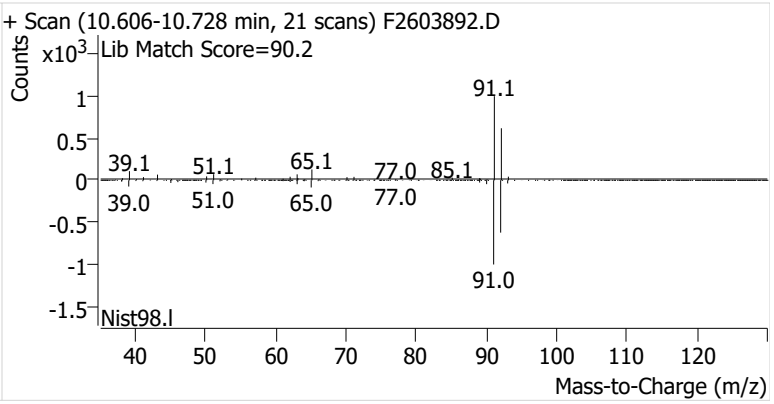
Toluene-d8 (IS)



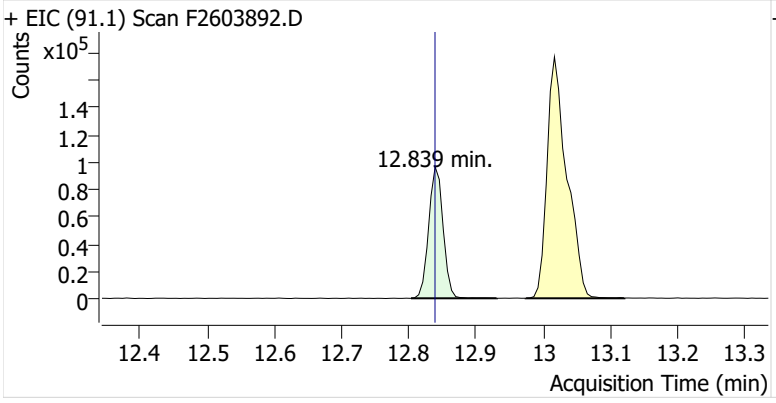


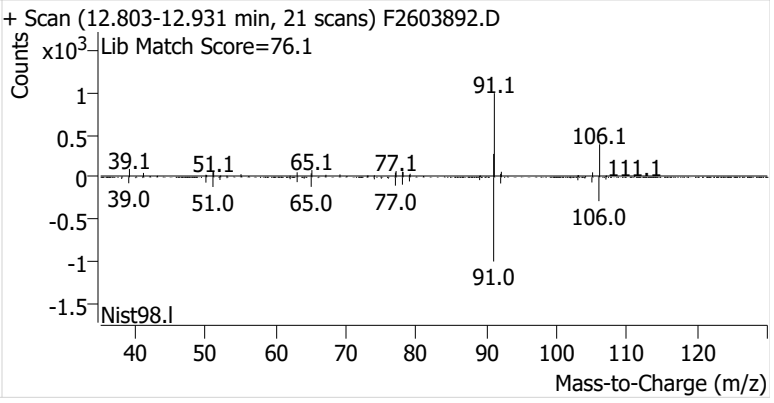
Toluene



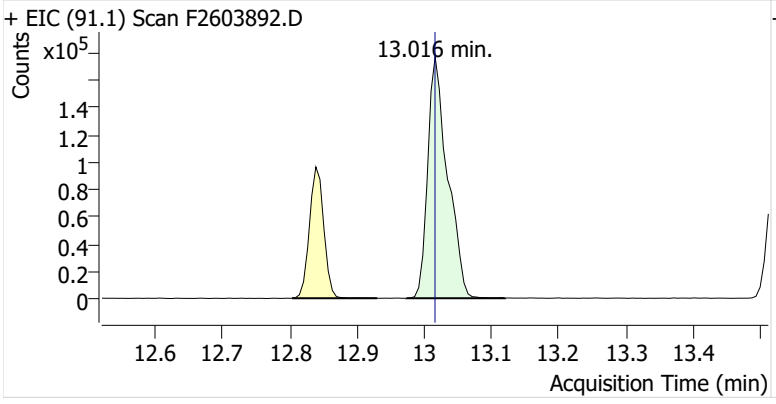


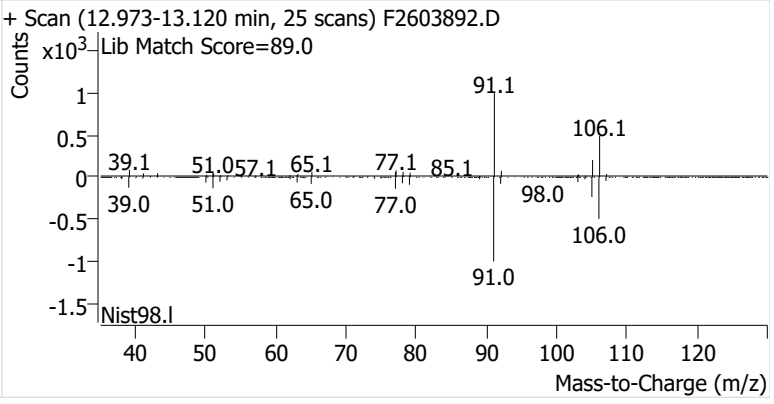
Ethylbenzene



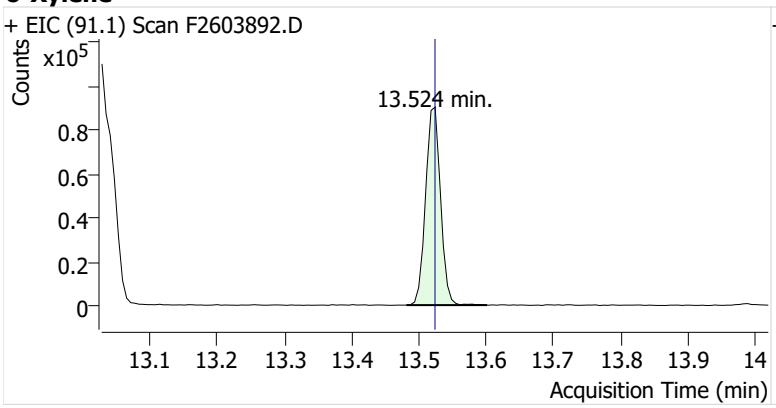


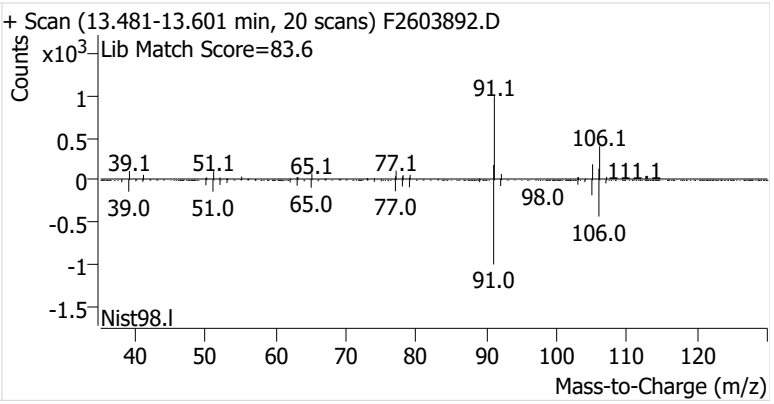
m-/p-Xylenes





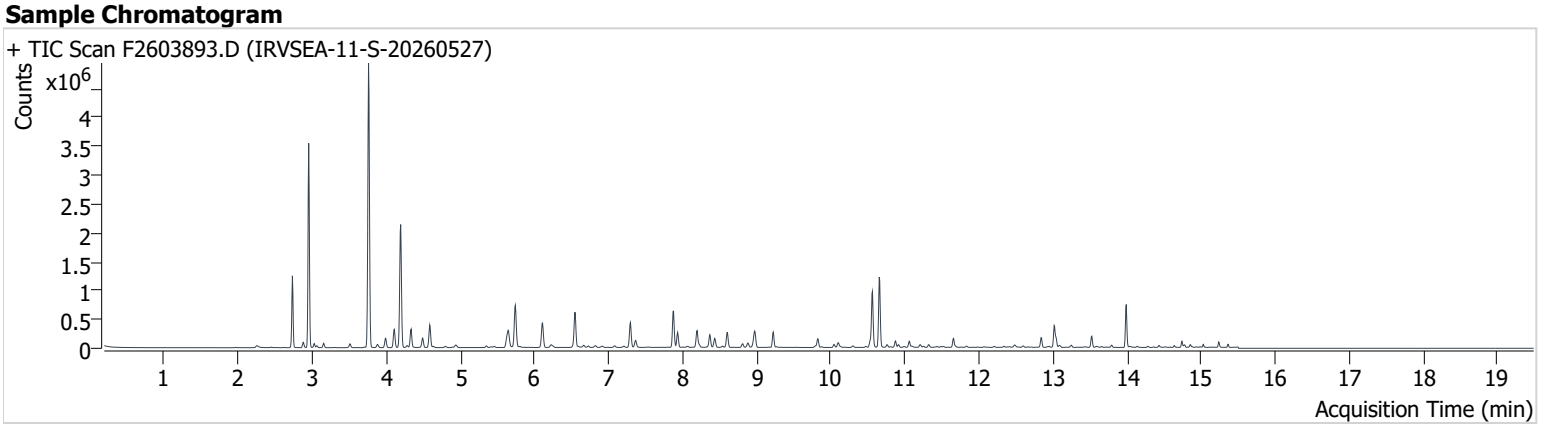
o-Xylene


+ EIC (91.1) Scan F2603892.D
Counts
x10^5
13.524 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.481-13.601 min, 20 scans) F2603892.D
Counts
x10^3
Lib Match Score=83.6
91.1
106.1
111.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

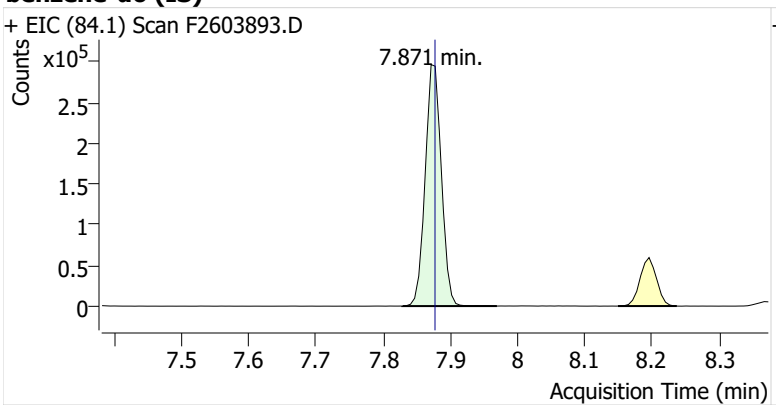
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Acq. Method File	M325B-MTD
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Analyze Quant Version	12.1
Report Quant Version	12.1

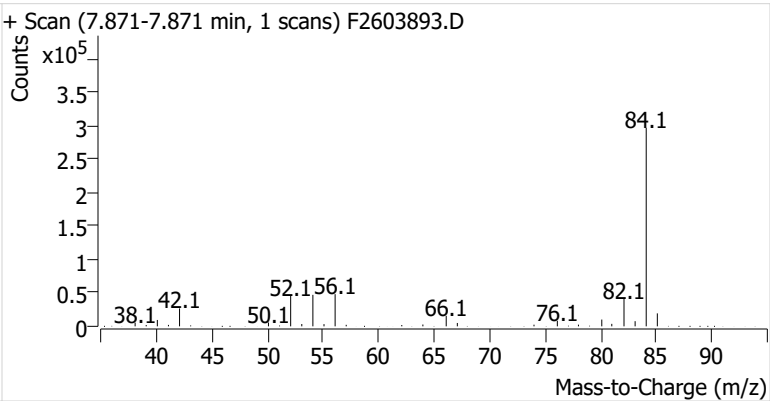
Sample Chromatogram



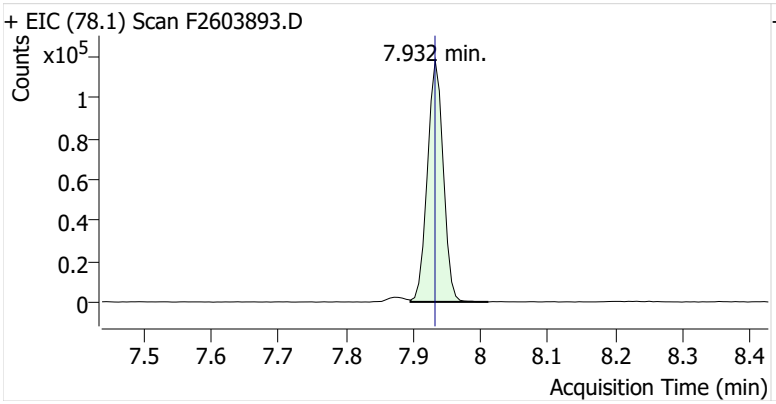
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	495,487	
Benzene	benzene-d6 (IS)	7.932	7.932	193,731	
Toluene-d8 (IS)		10.563	10.557	541,298	
Toluene	Toluene-d8 (IS)	10.655	10.655	689,229	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	107,364	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	267,398	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	104,569	

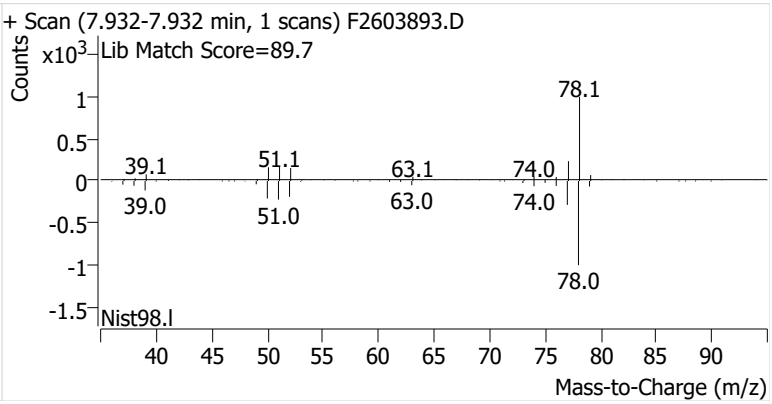
benzene-d6 (IS)



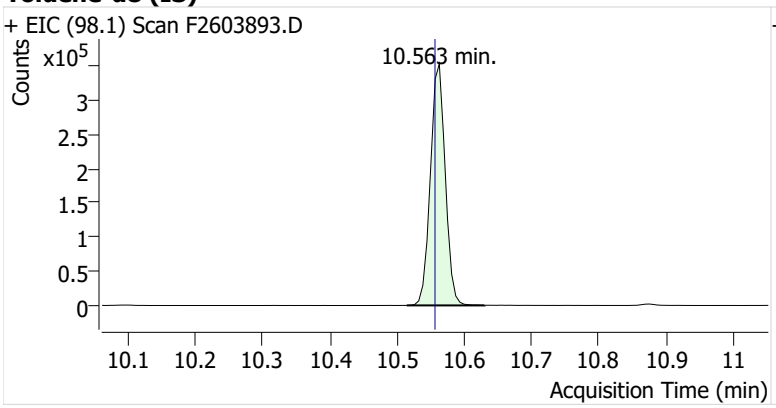


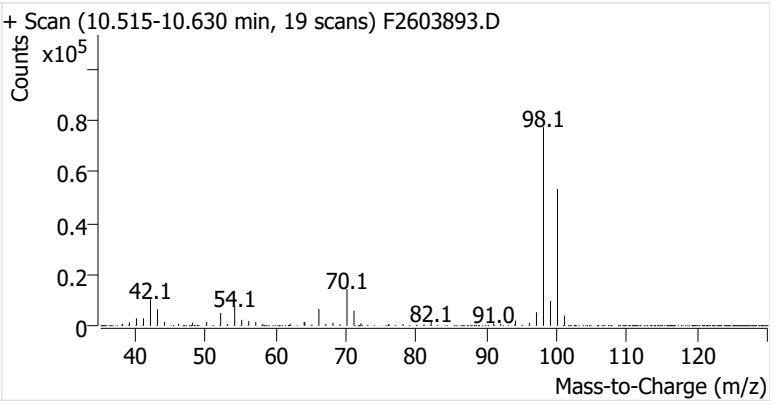
Benzene



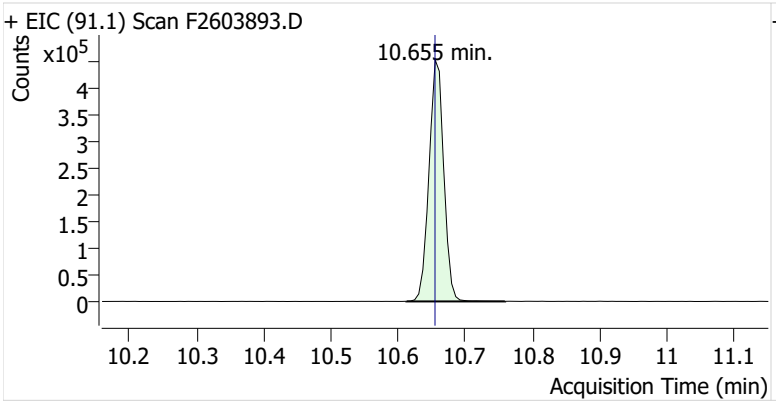


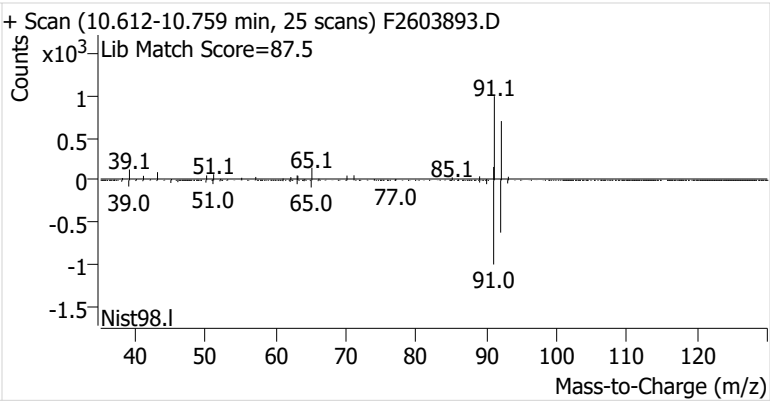
Toluene-d8 (IS)



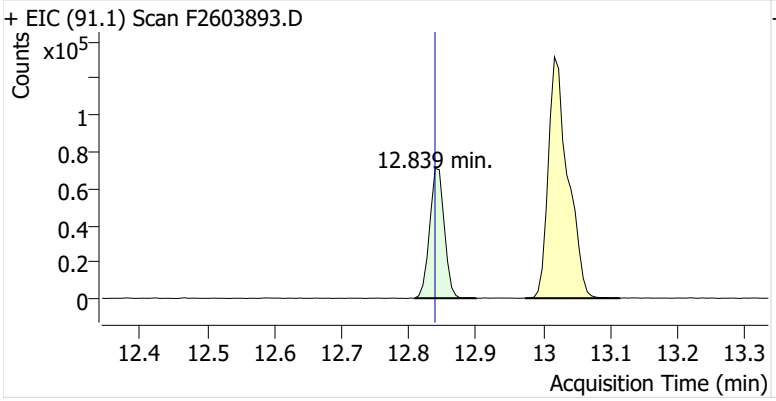


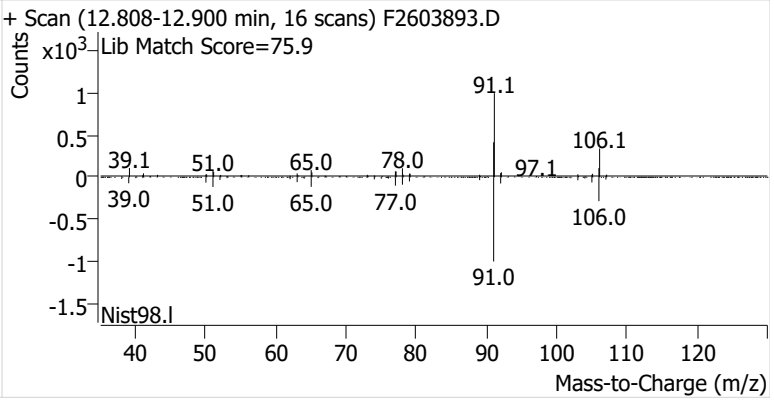
Toluene



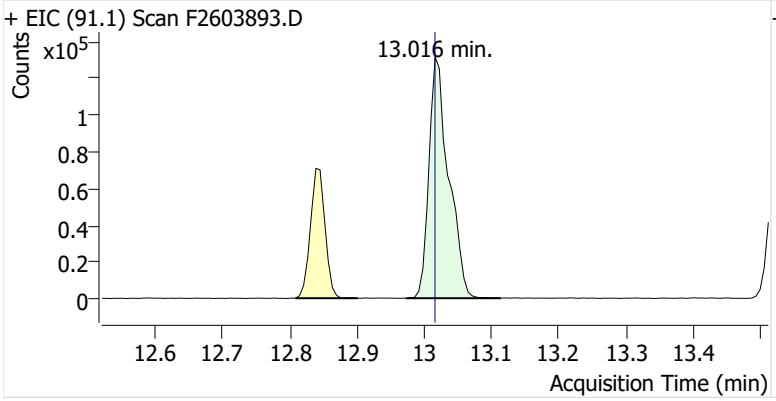


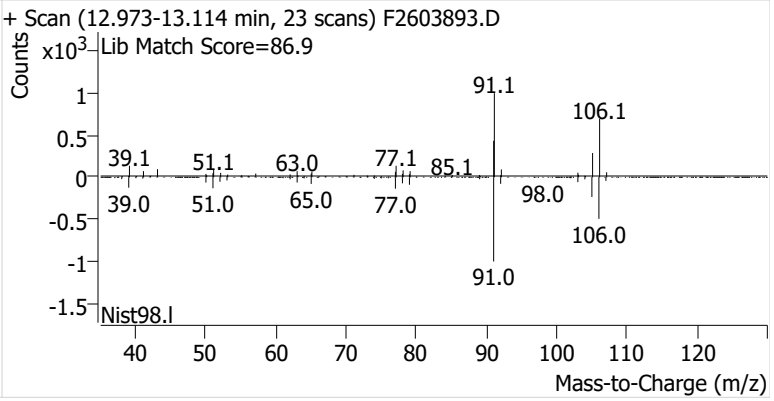
Ethylbenzene



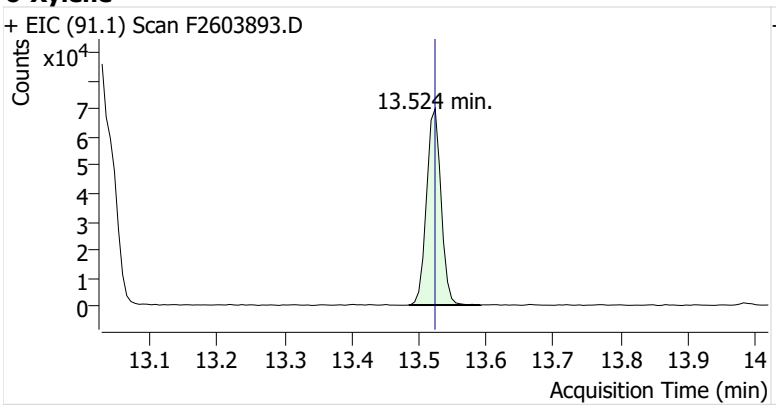


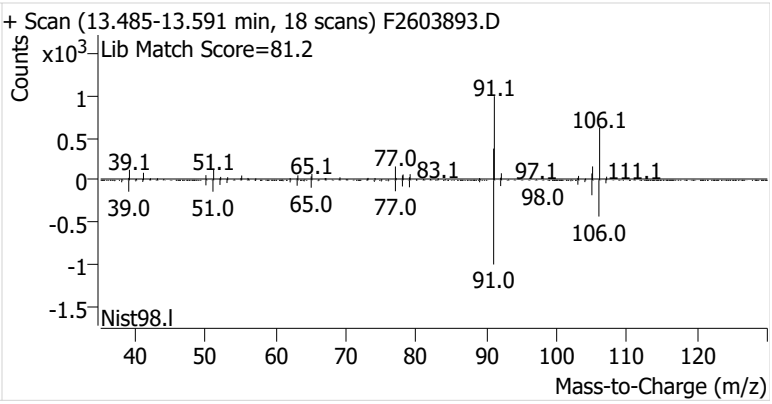
m-/p-Xylenes





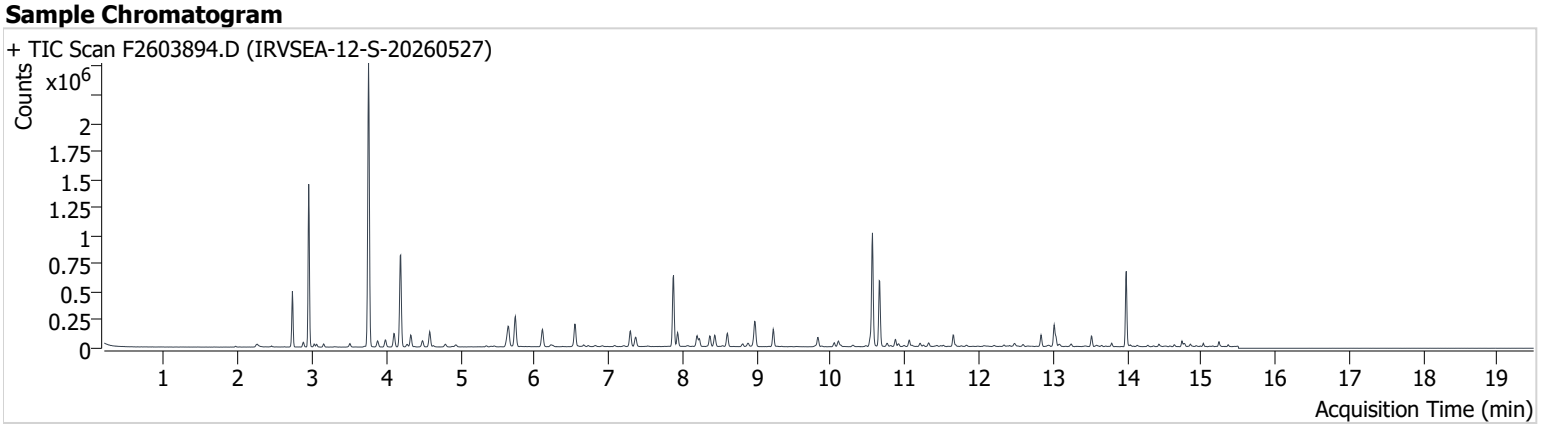
o-Xylene


+ EIC (91.1) Scan F2603893.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.485-13.591 min, 18 scans) F2603893.D
Counts
x10^3
Lib Match Score=81.2
91.1
106.1
39.1
51.1
65.1
77.0
83.1
97.1
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98.0
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91.0
Nist98.l
Mass-to-Charge (m/z)

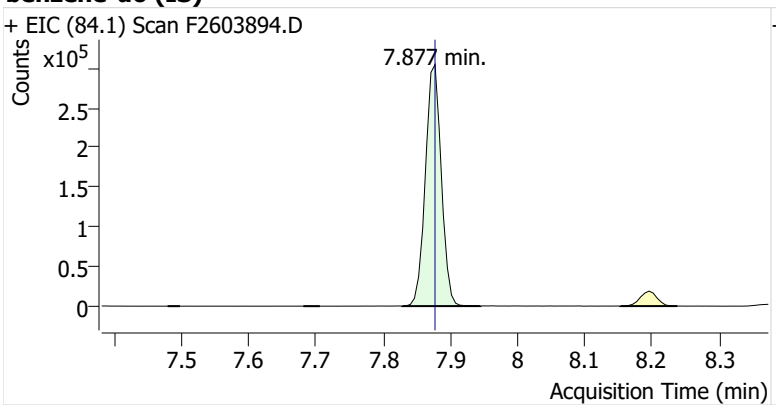
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Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

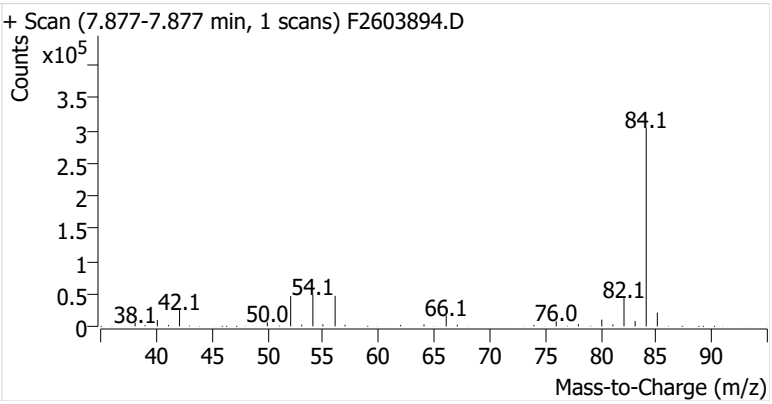
Sample Chromatogram



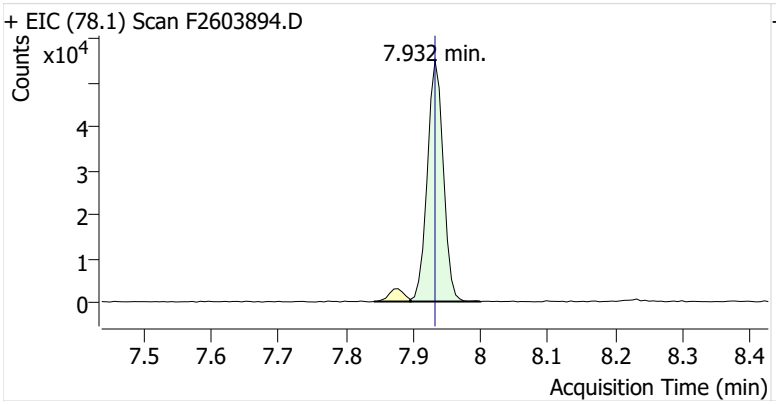
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	499,990	
Benzene	benzene-d6 (IS)	7.932	7.932	90,604	
Toluene-d8 (IS)		10.563	10.557	550,942	
Toluene	Toluene-d8 (IS)	10.655	10.655	317,041	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	63,329	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	137,407	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	50,447	

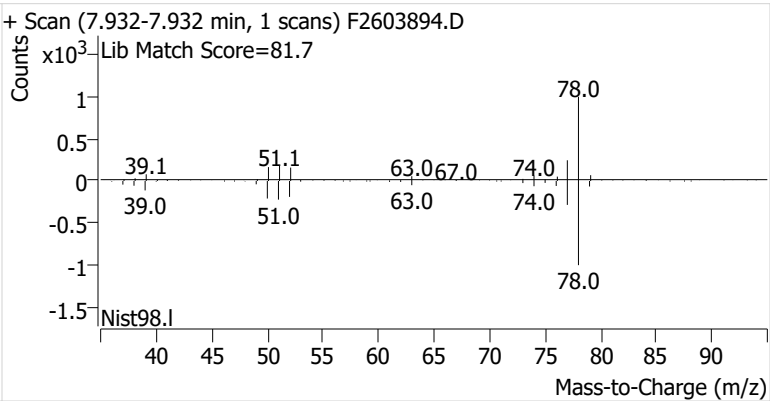
benzene-d6 (IS)



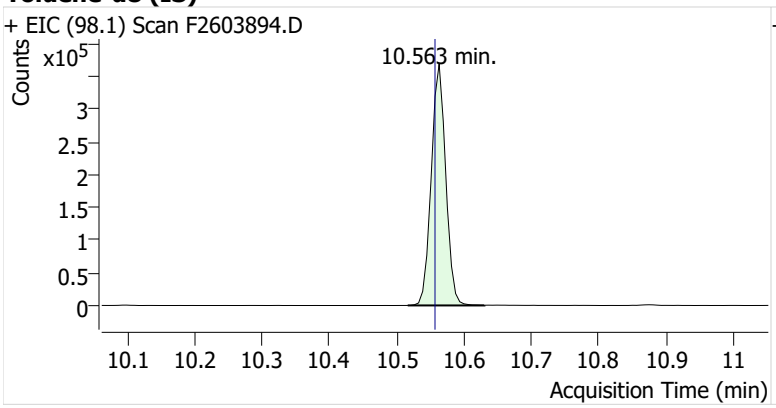


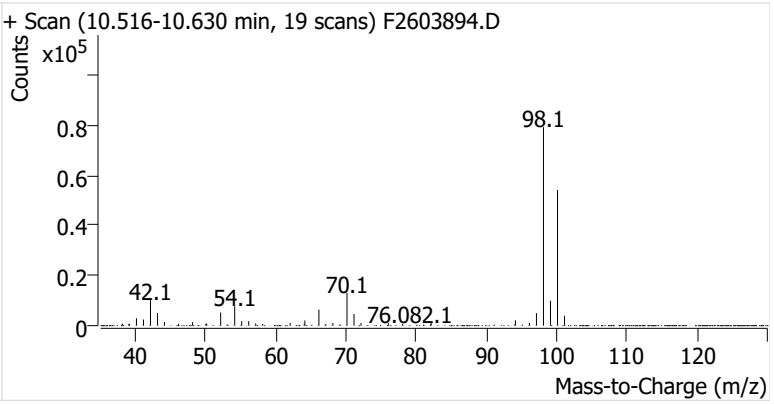
Benzene



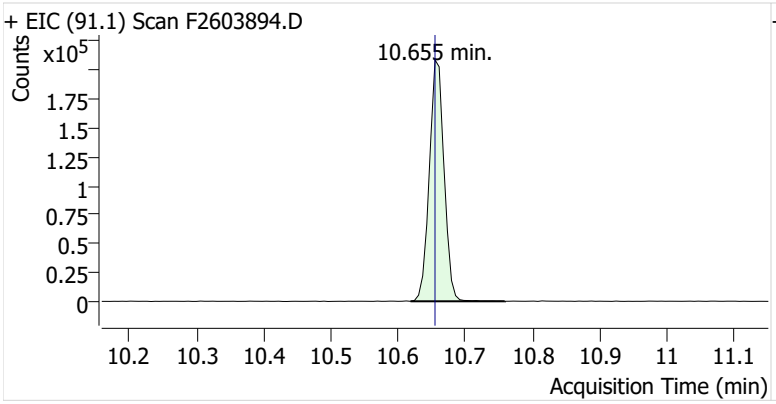


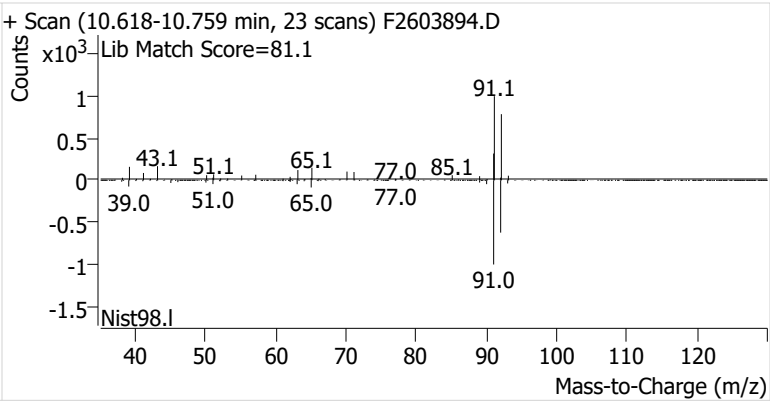
Toluene-d8 (IS)



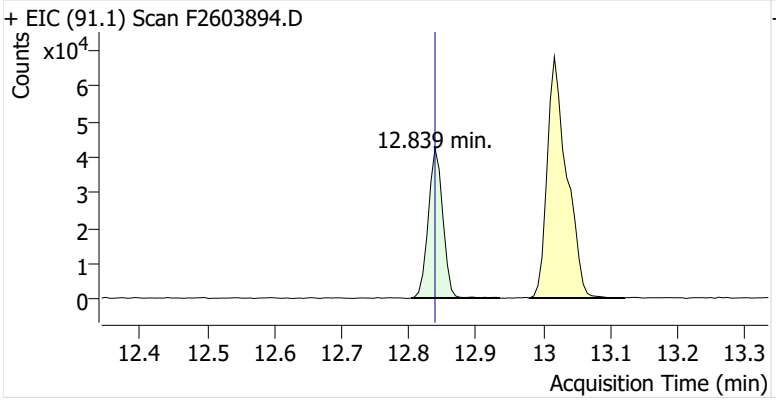


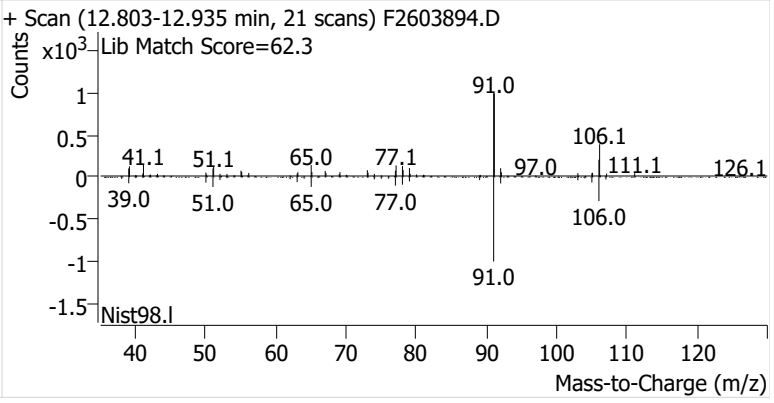
Toluene



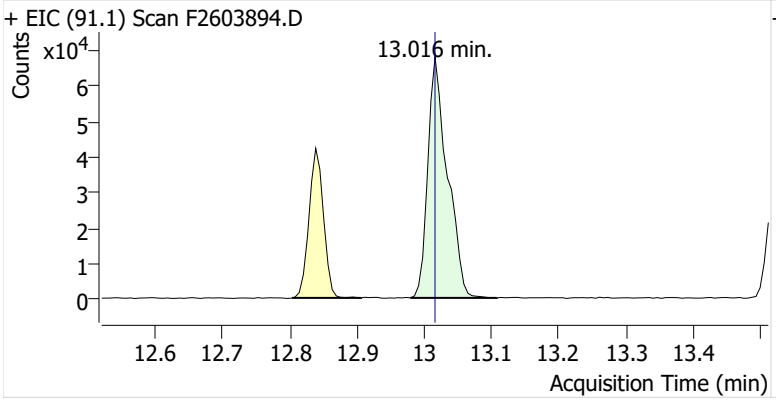


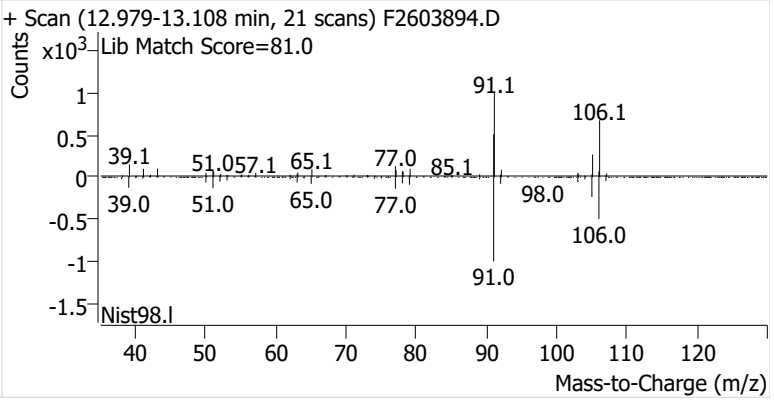
Ethylbenzene



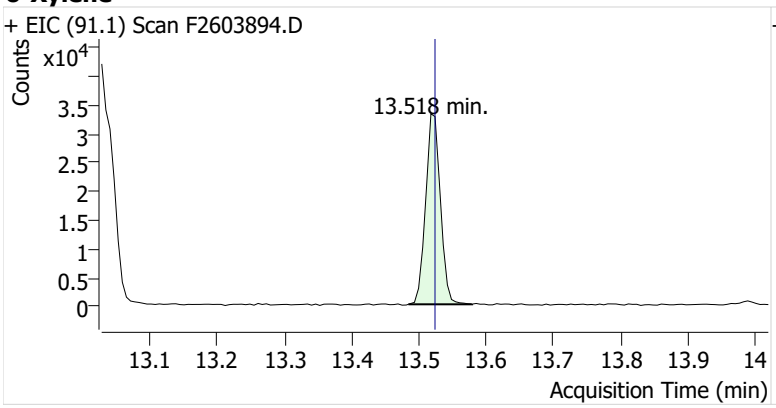


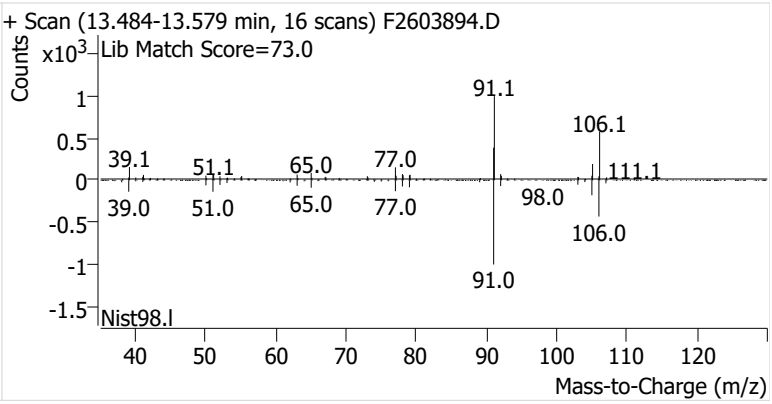
m-/p-Xylenes





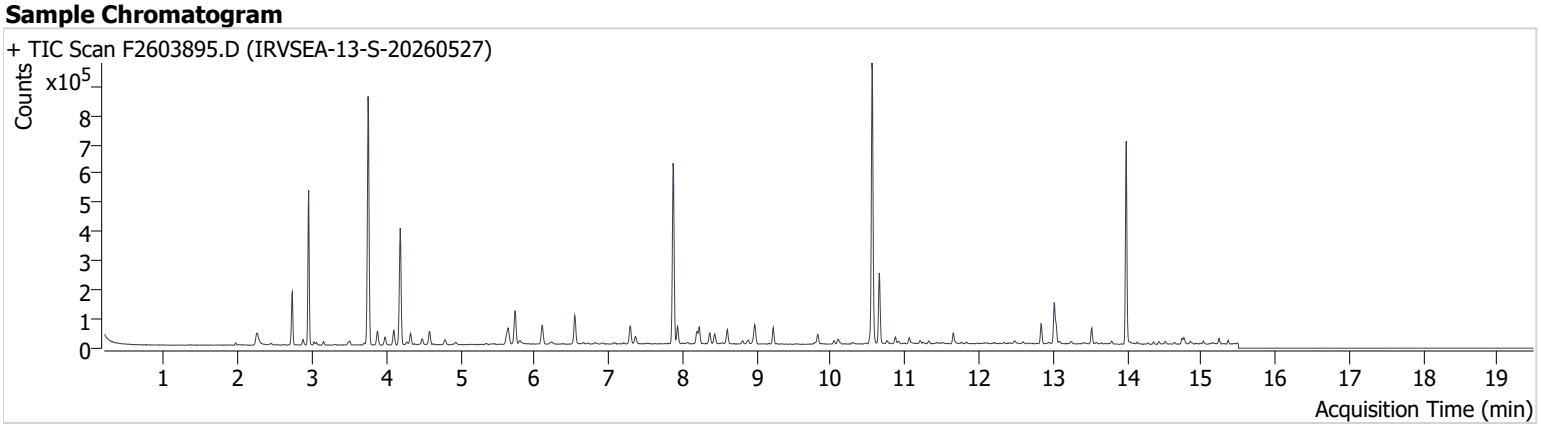
o-Xylene


+ EIC (91.1) Scan F2603894.D
Counts
x10^4
13.518 min.
Acquisition Time (min)


+ Scan (13.484-13.579 min, 16 scans) F2603894.D
Counts
x10^3
Lib Match Score=73.0
91.1
106.1
39.1
51.1
65.0
77.0
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

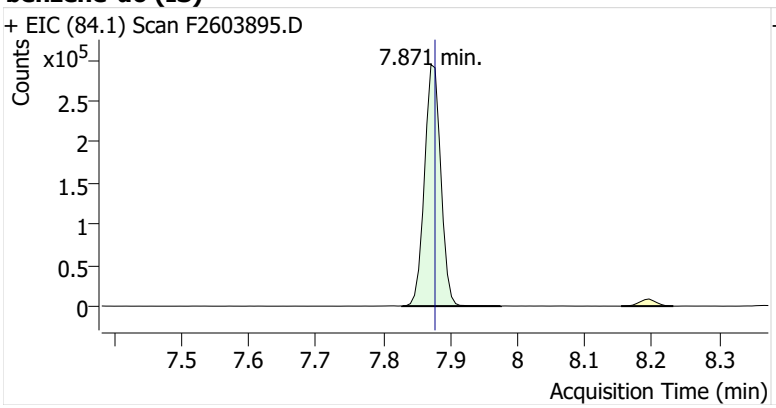
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Comment	C40575
Data File	F2603895.D
Acq. Date-Time	6/11/2026 10:34:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

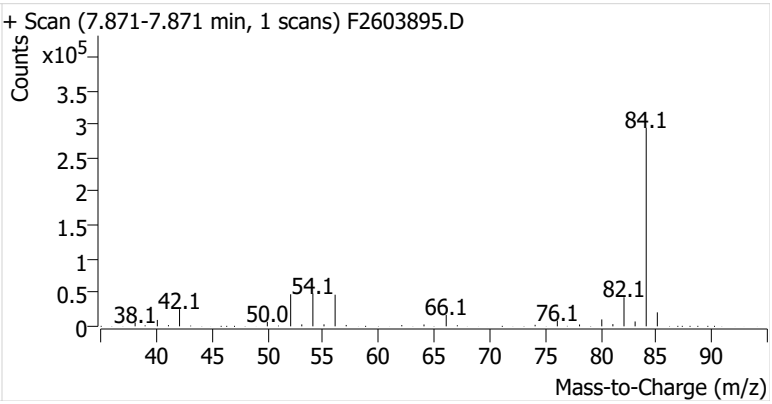
Sample Chromatogram



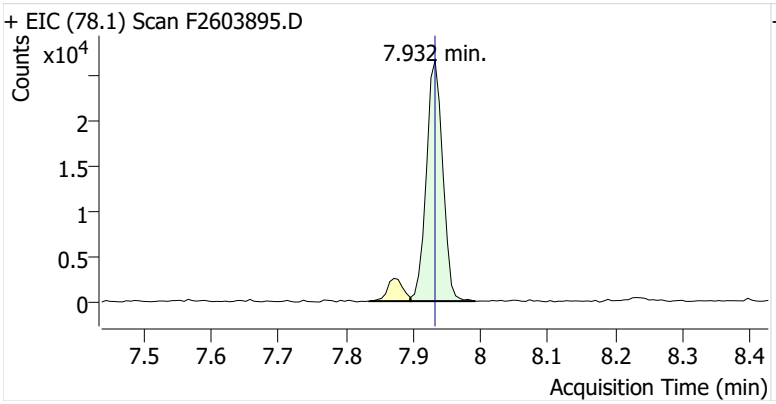
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	495,524	
Benzene	benzene-d6 (IS)	7.932	7.932	44,931	
Toluene-d8 (IS)		10.557	10.557	541,081	
Toluene	Toluene-d8 (IS)	10.655	10.655	137,071	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	44,650	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	107,060	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	28,967	

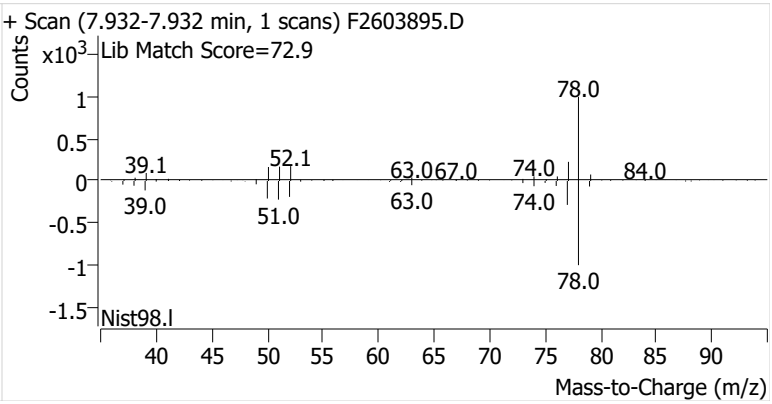
benzene-d6 (IS)



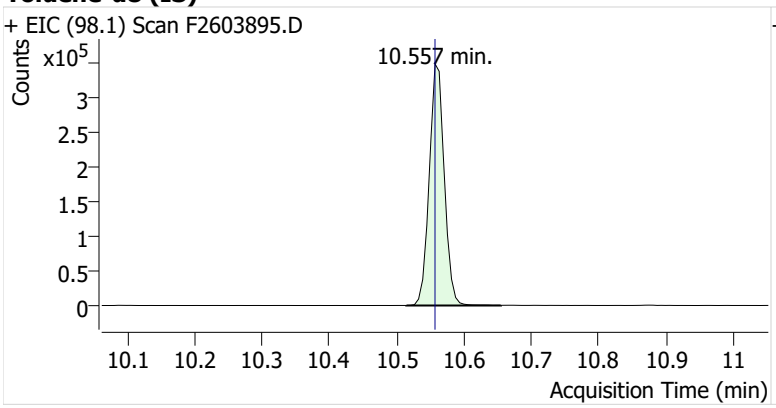


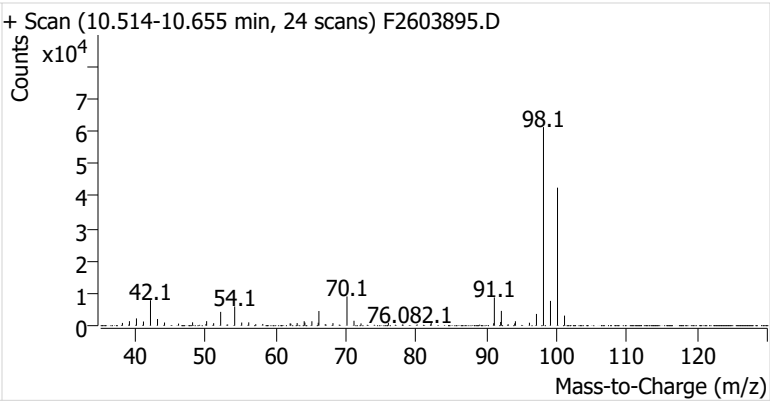
Benzene



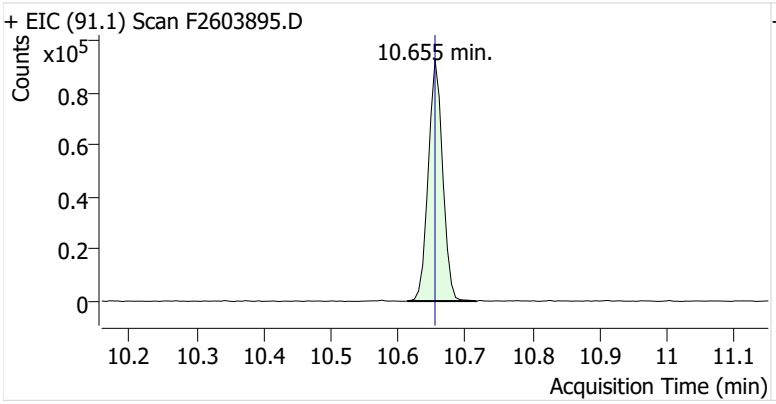


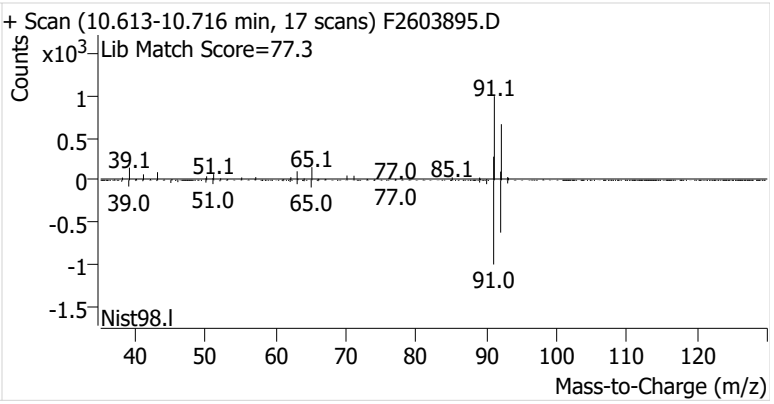
Toluene-d8 (IS)



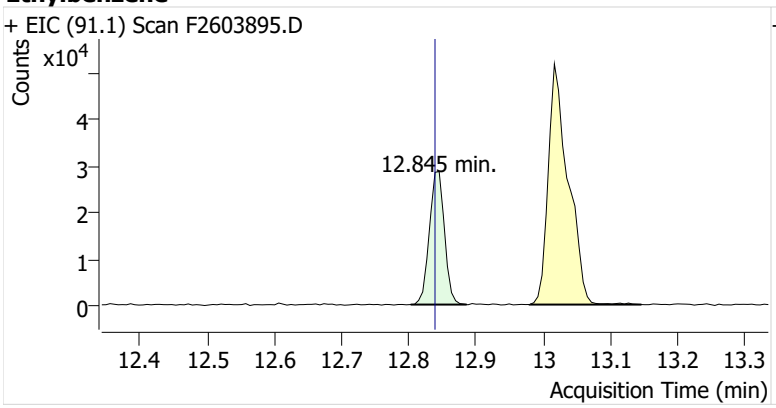


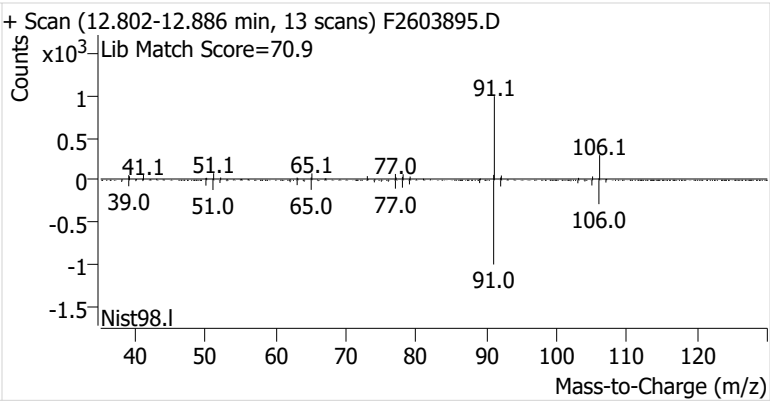
Toluene



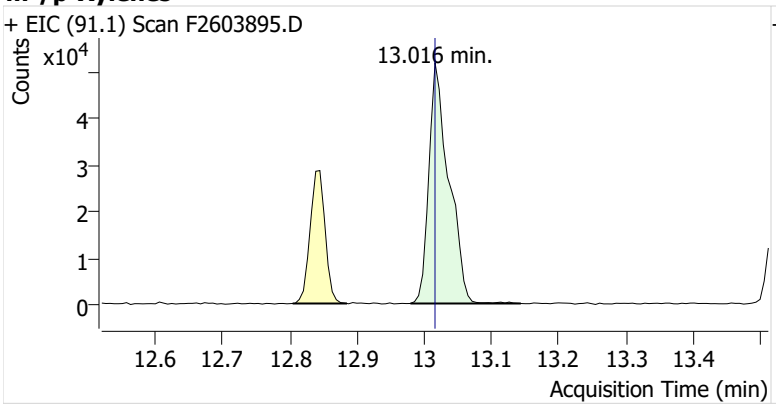


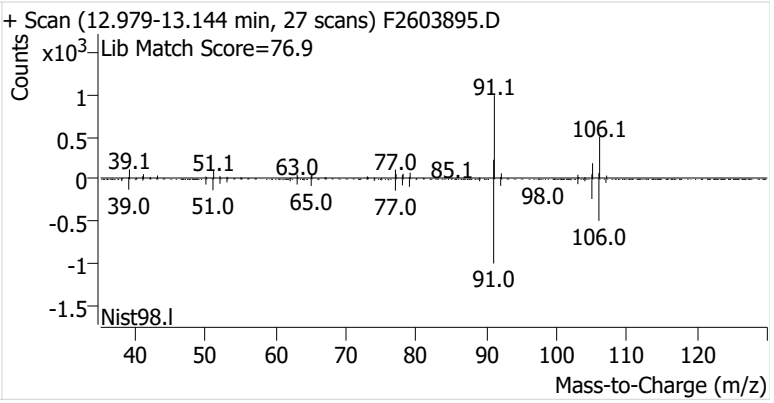
Ethylbenzene



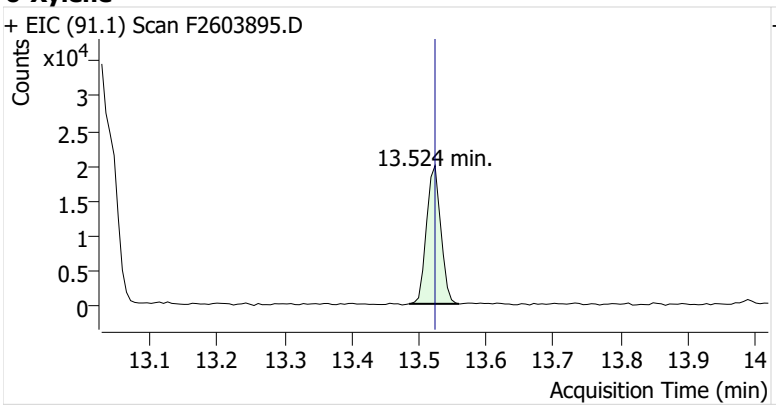


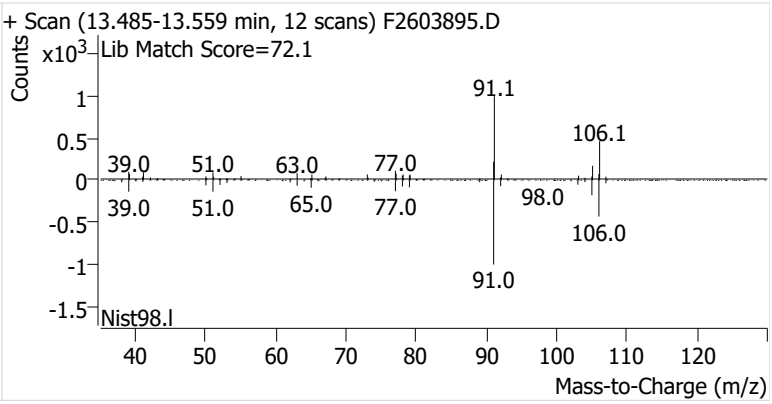
m-/p-Xylenes





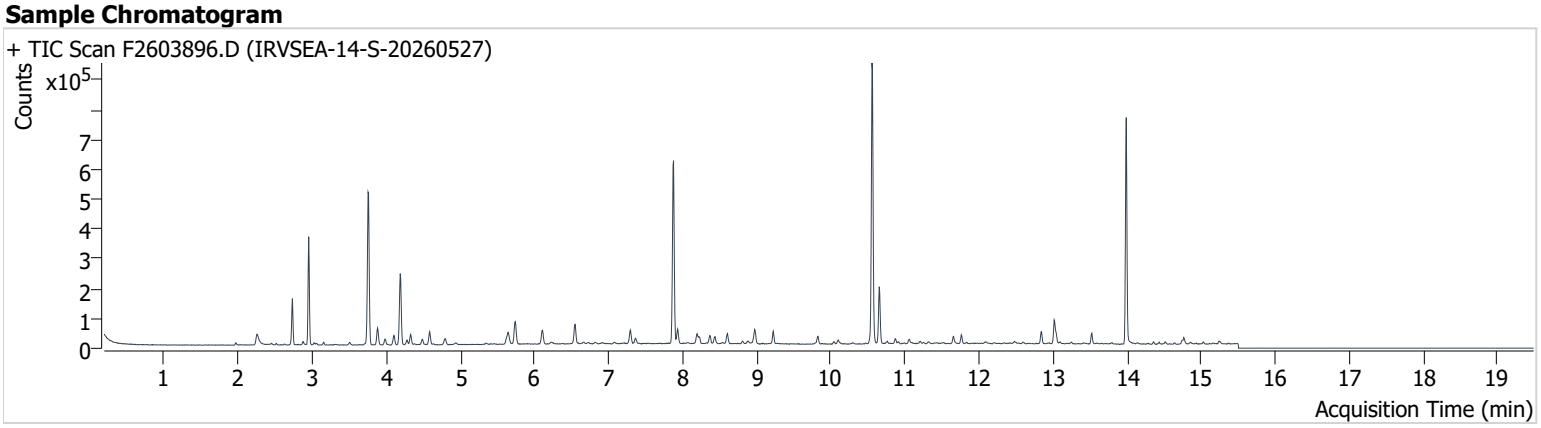
o-Xylene


+ EIC (91.1) Scan F2603895.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.485-13.559 min, 12 scans) F2603895.D
Lib Match Score=72.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.0 51.0 63.0 77.0
39.0 51.0 65.0 77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

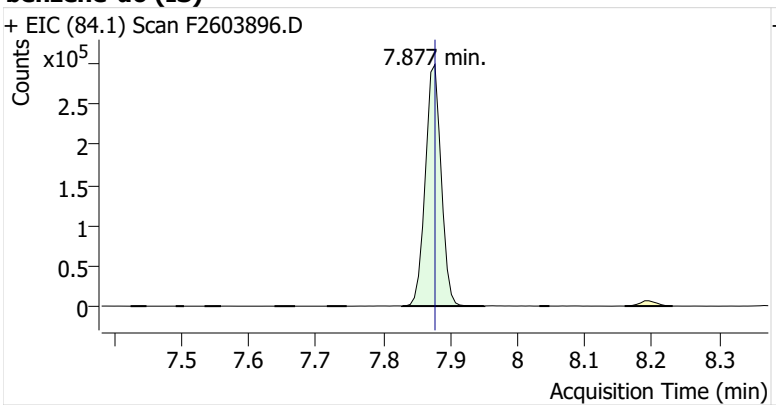
Name	IRVSEA-14-S-20260527
Comment	B34419
Data File	F2603896.D
Acq. Date-Time	6/11/2026 11:00:07 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

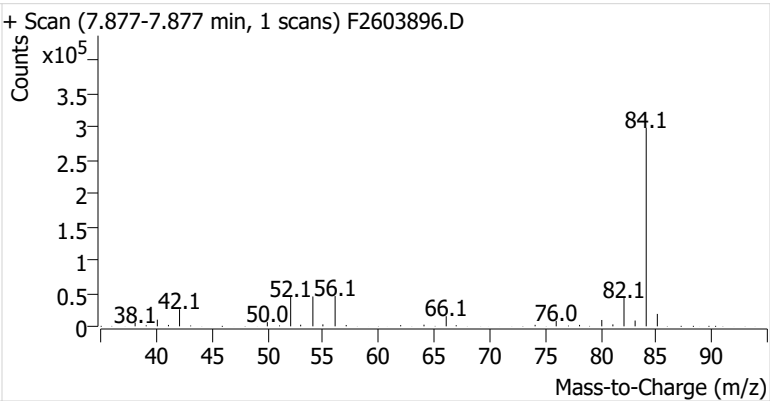
Sample Chromatogram



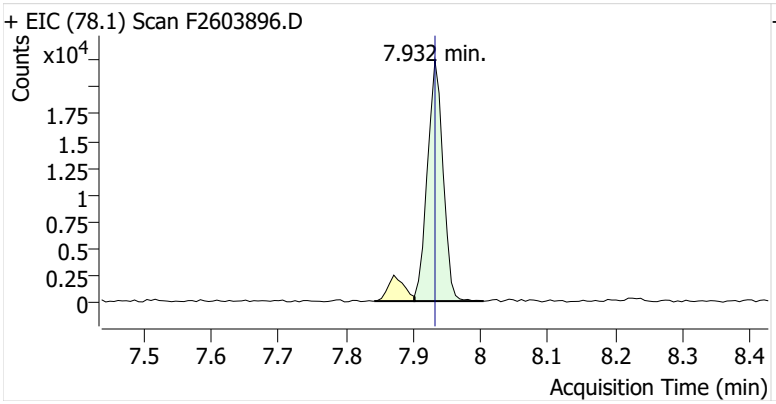
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	488,747	
Benzene	benzene-d6 (IS)	7.932	7.932	35,933	
Toluene-d8 (IS)		10.557	10.557	536,710	
Toluene	Toluene-d8 (IS)	10.654	10.655	107,243	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	25,890	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	58,484	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	19,062	

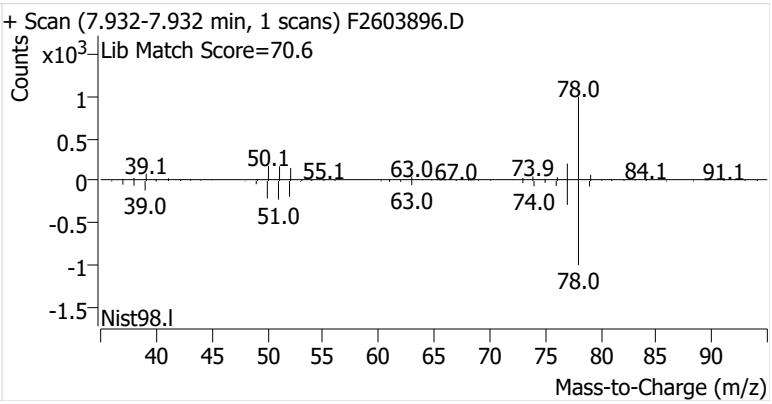
benzene-d6 (IS)



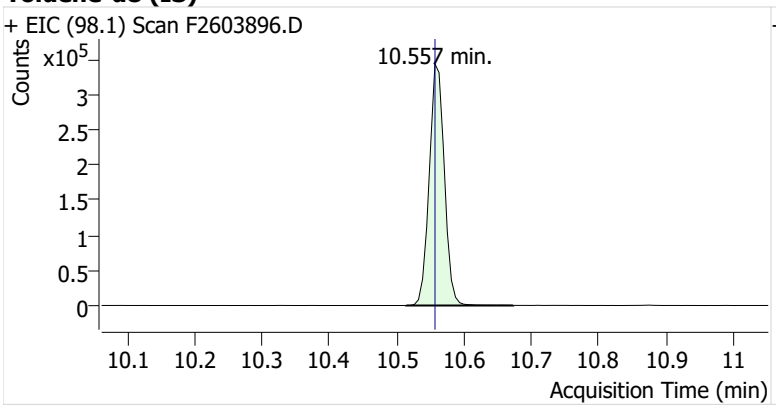


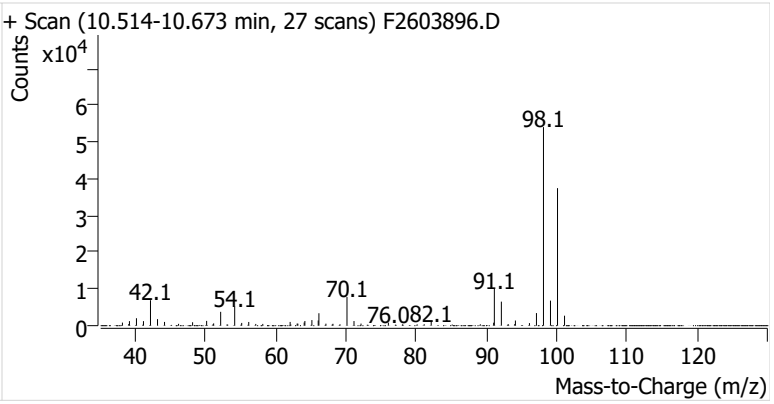
Benzene



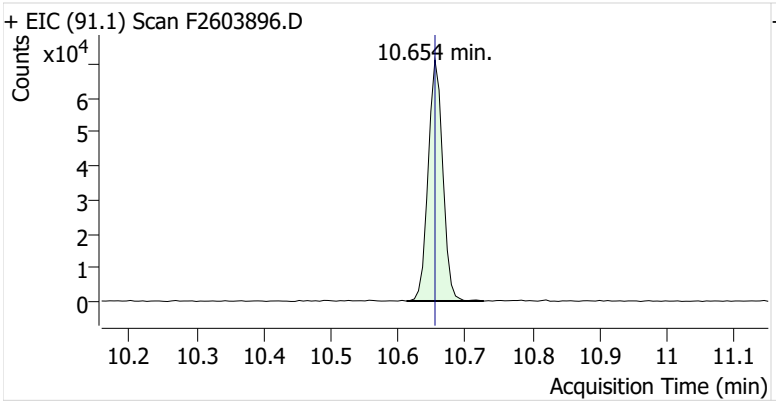


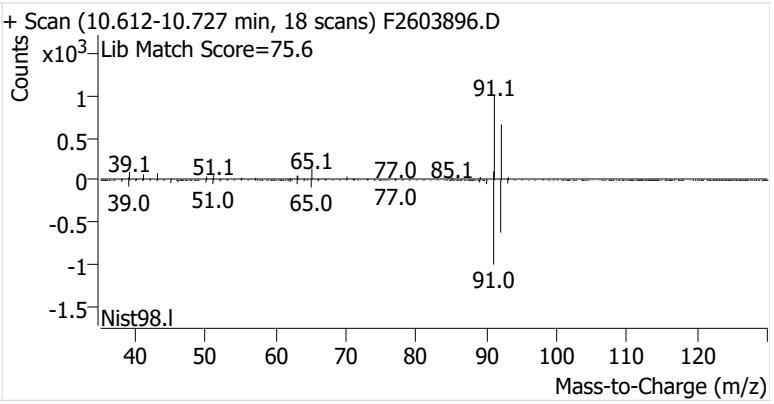
Toluene-d8 (IS)



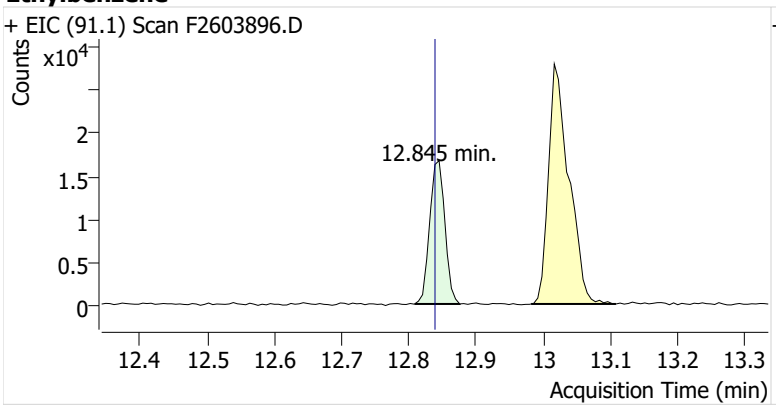


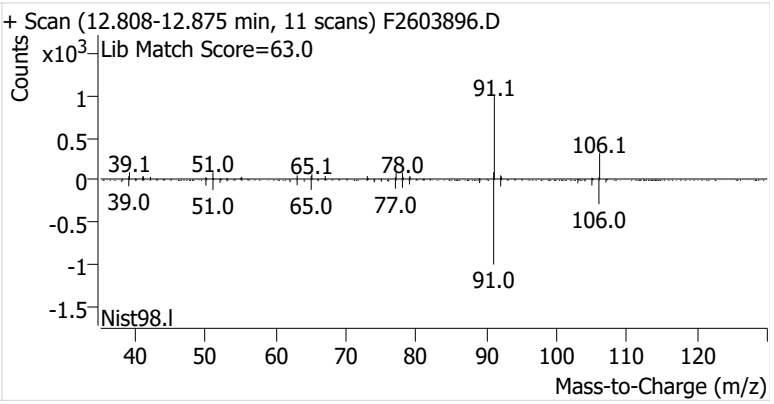
Toluene



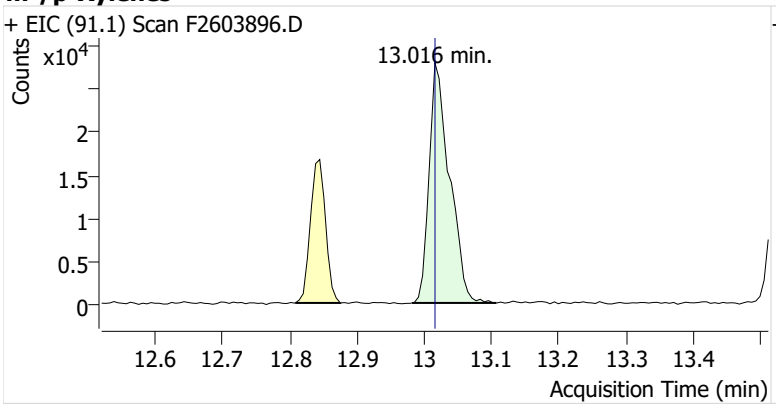


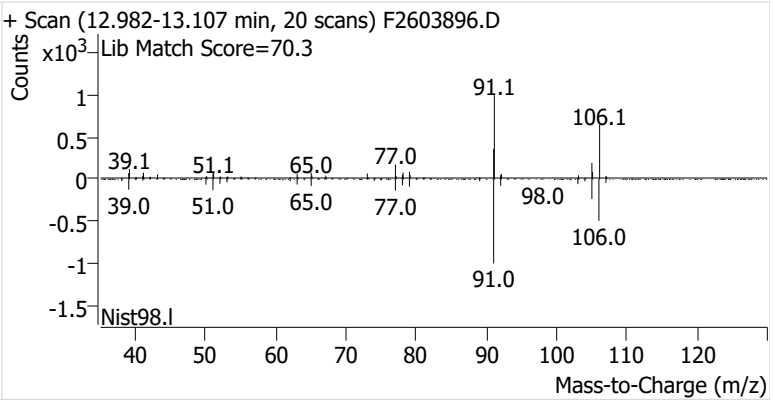
Ethylbenzene



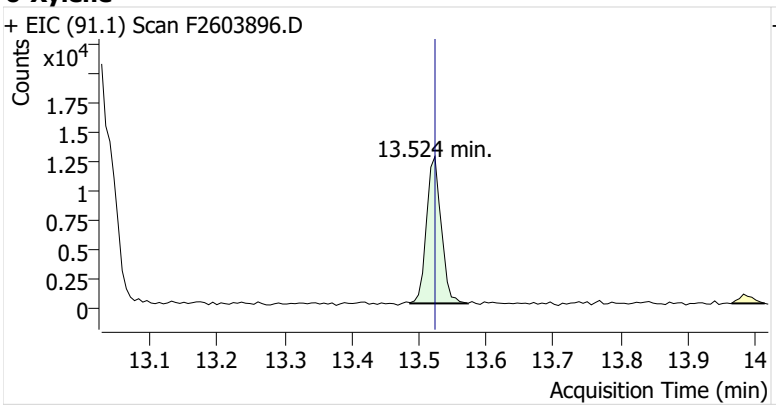


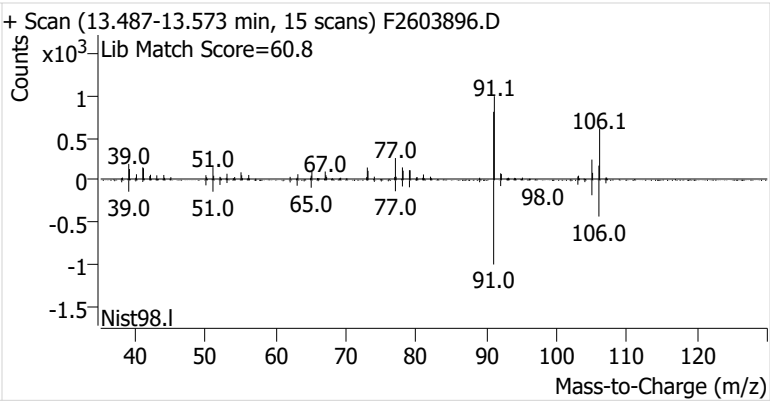
m-/p-Xylenes





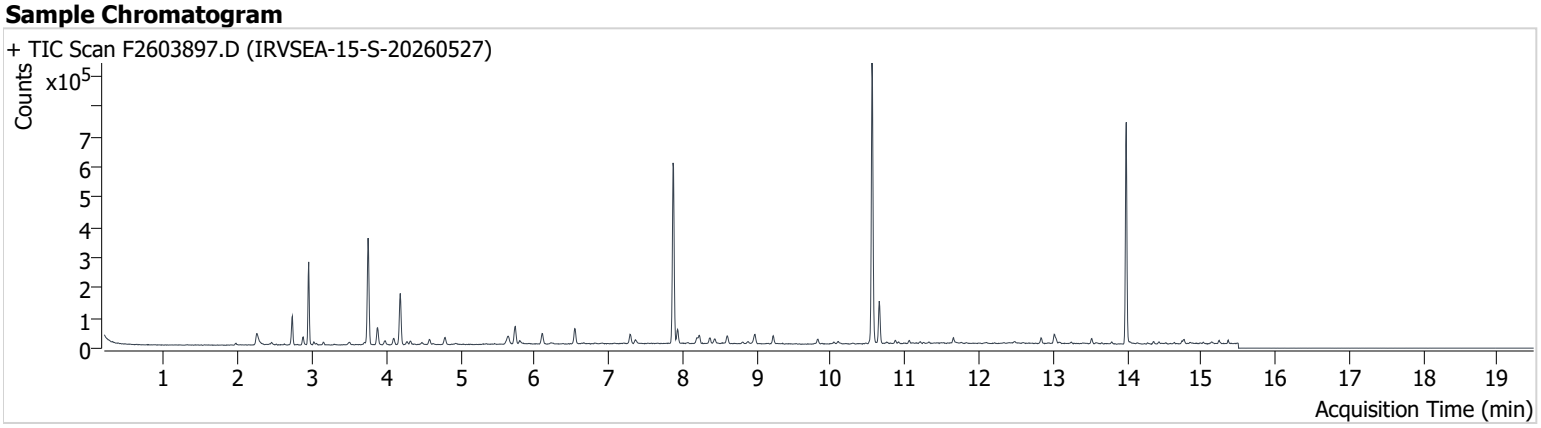
o-Xylene


+ EIC (91.1) Scan F2603896.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.524 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.487-13.573 min, 15 scans) F2603896.D
Counts
x10^3
Lib Match Score=60.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.0
51.0
67.0
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

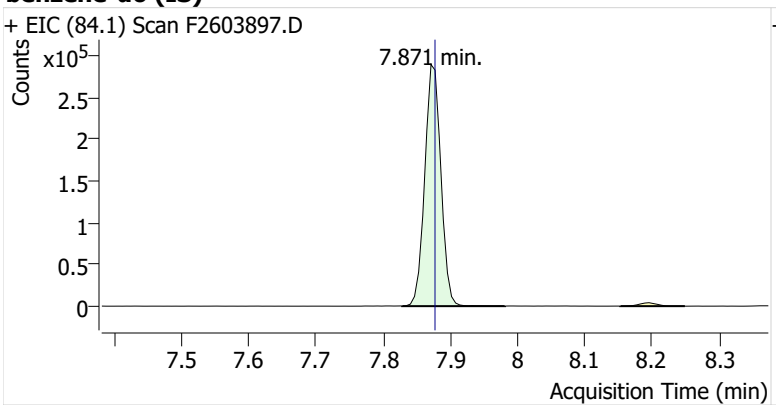
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Comment	C55771
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Acq. Date-Time	6/11/2026 11:25:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

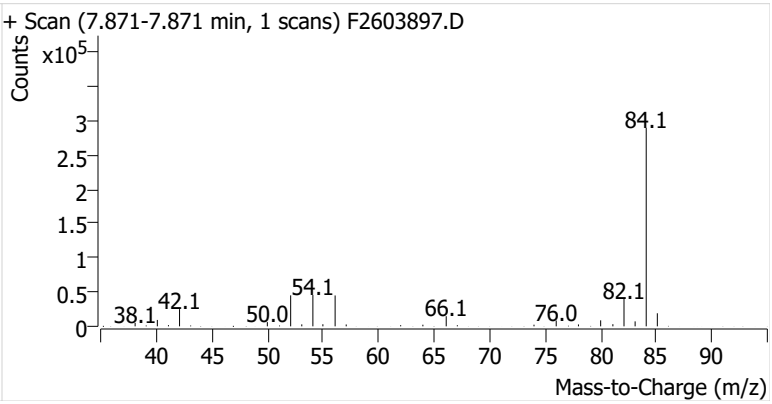
Sample Chromatogram



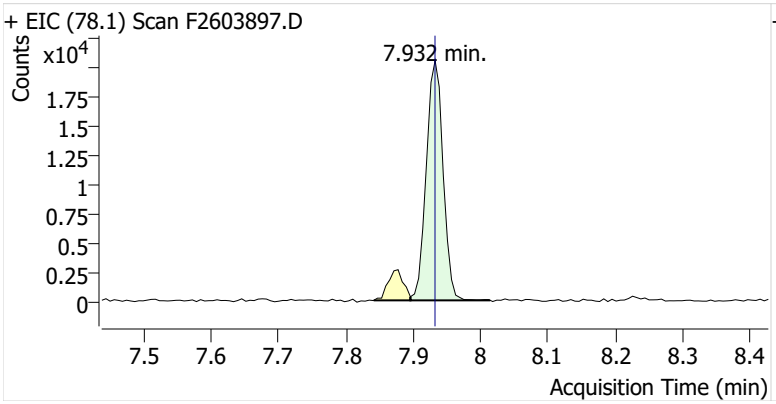
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	482,406	
Benzene	benzene-d6 (IS)	7.932	7.932	35,324	
Toluene-d8 (IS)		10.557	10.557	519,964	
Toluene	Toluene-d8 (IS)	10.655	10.655	81,644	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	11,094	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	23,039	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	9,244	

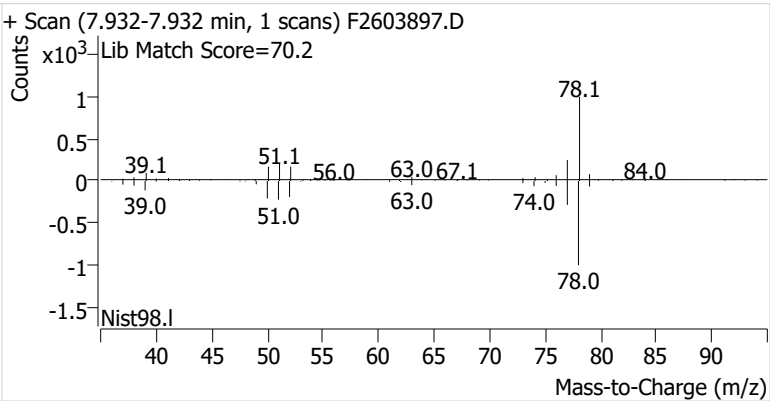
benzene-d6 (IS)



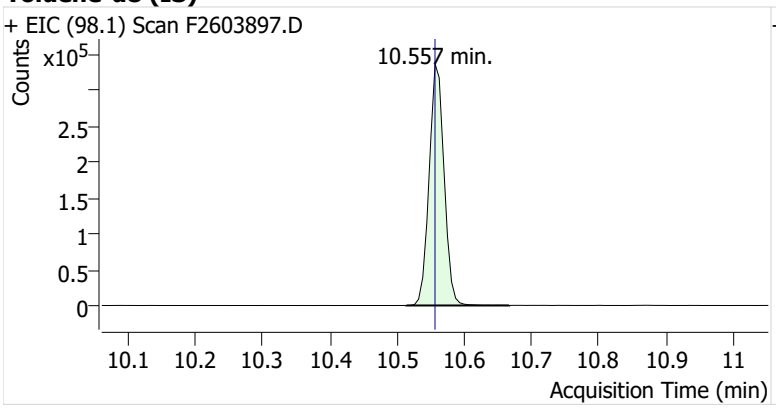


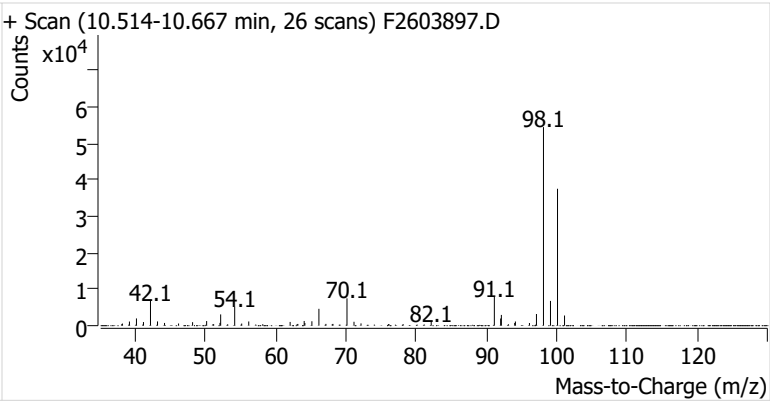
Benzene



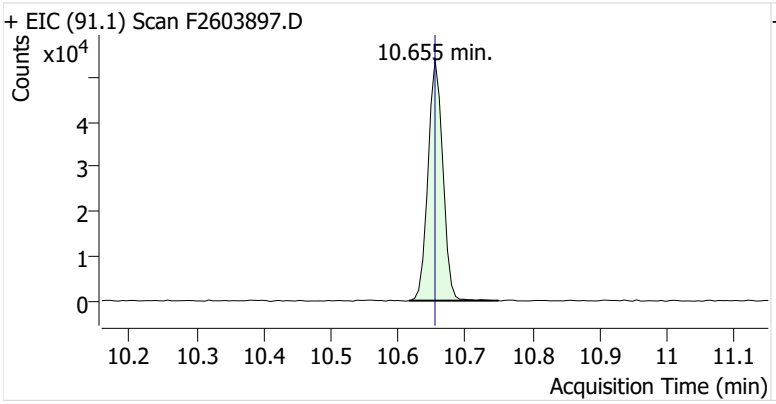


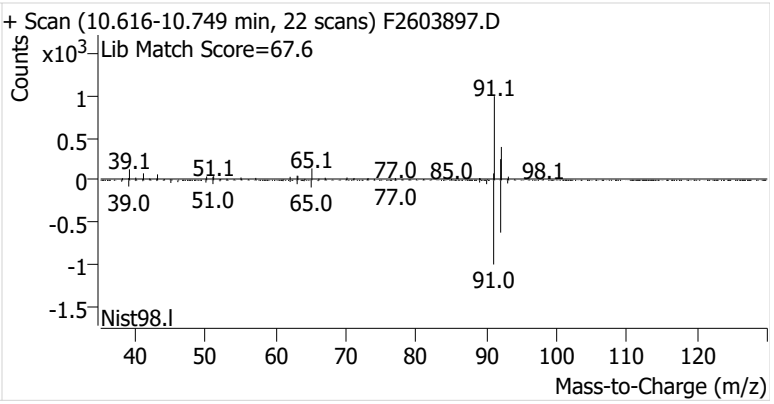
Toluene-d8 (IS)



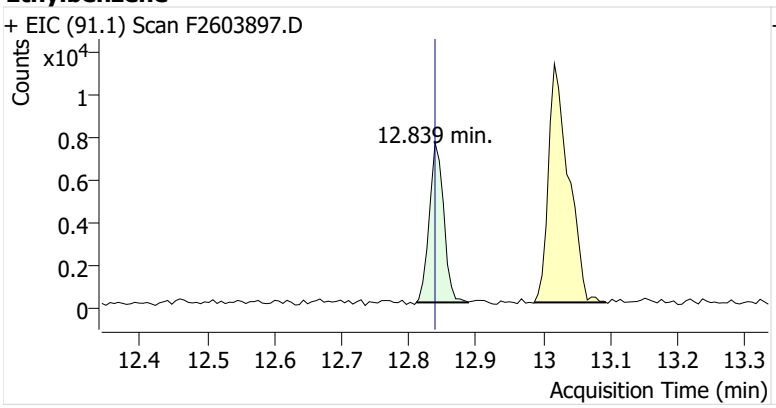


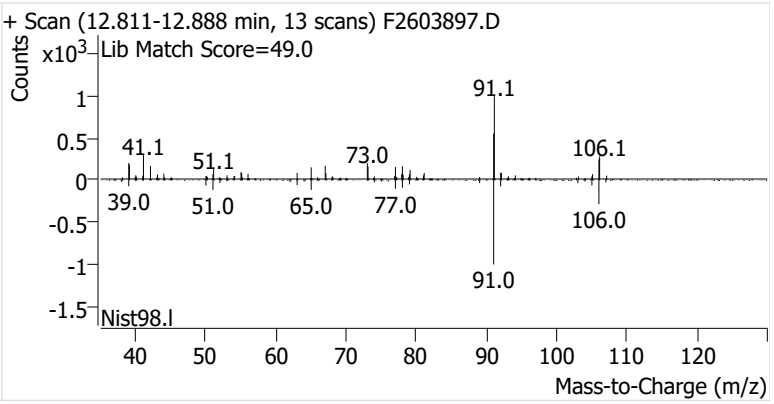
Toluene



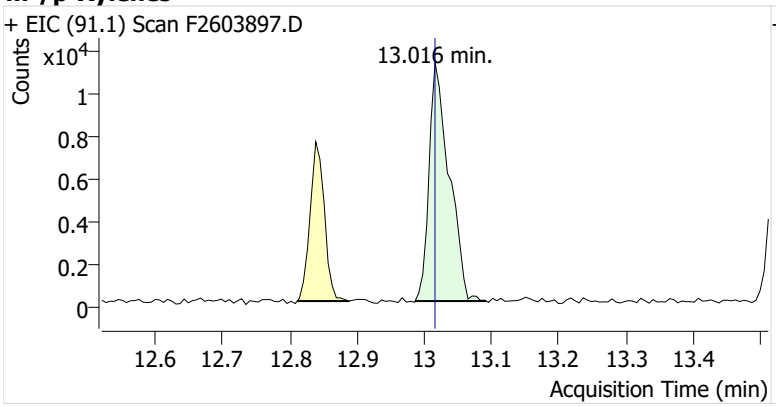


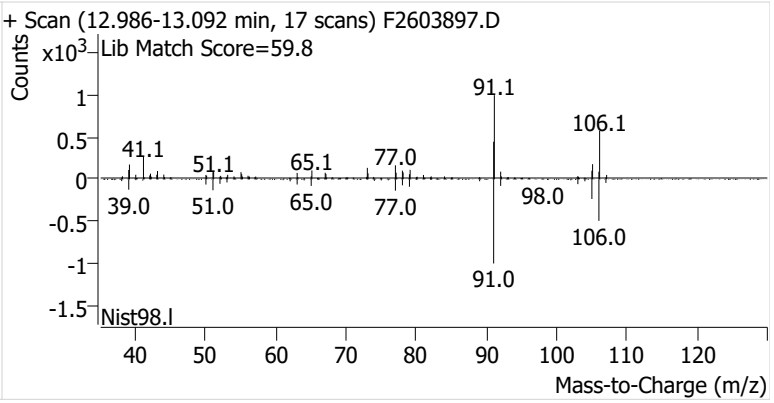
Ethylbenzene



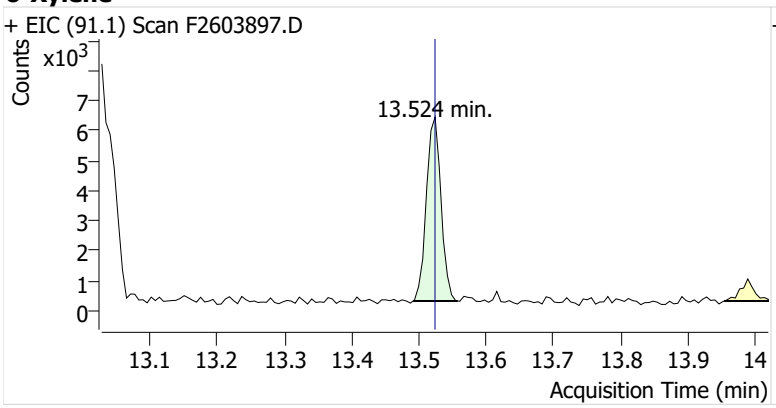


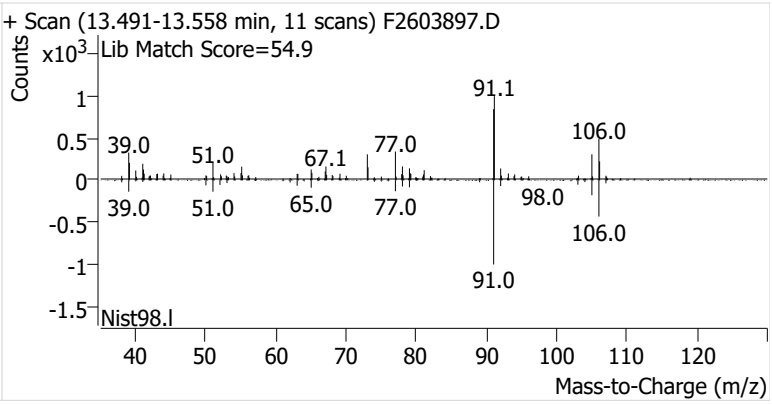
m-/p-Xylenes





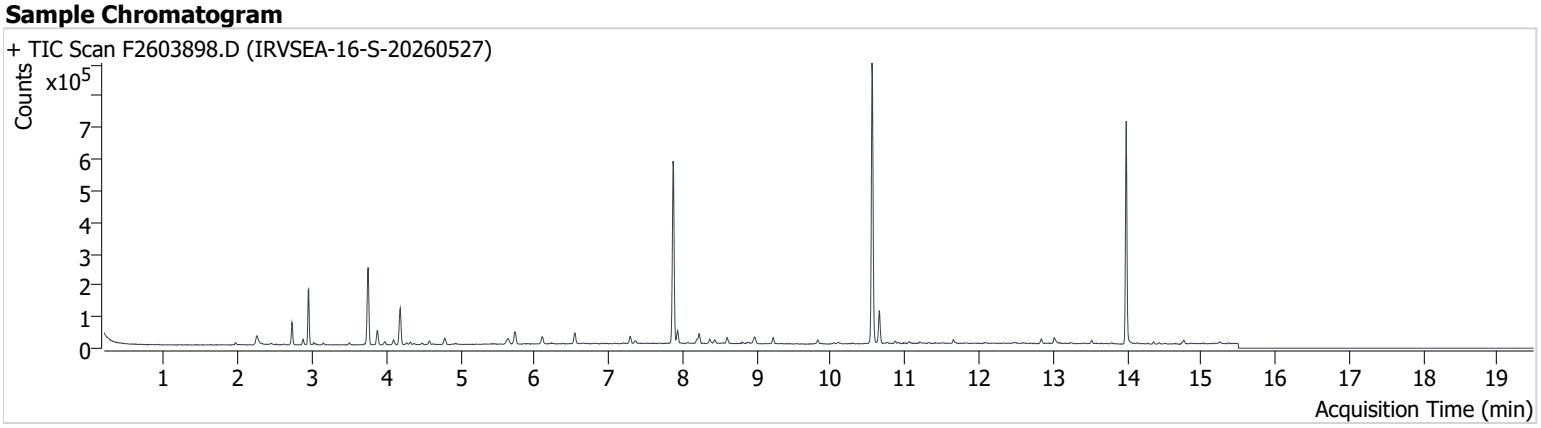
o-Xylene


+ EIC (91.1) Scan F2603897.D
Counts
x10^3
13.524 min.
Acquisition Time (min)


+ Scan (13.491-13.558 min, 11 scans) F2603897.D
Lib Match Score=54.9
Counts
x10^3
91.1
106.0
39.0
51.0
67.1
77.0
98.0
65.0
91.0
Nist98.l
Mass-to-Charge (m/z)

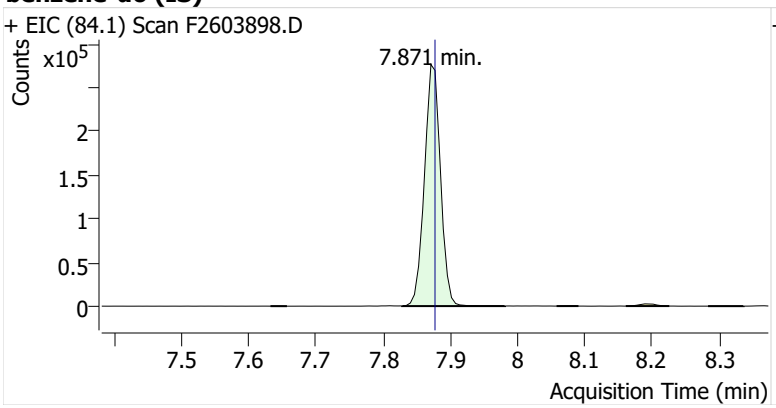
Name	IRVSEA-16-S-20260527
Comment	B52758
Data File	F2603898.D
Acq. Date-Time	6/11/2026 11:50:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

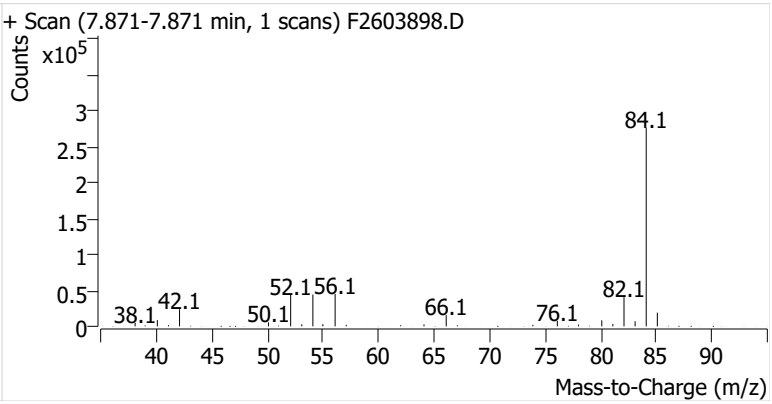
Sample Chromatogram



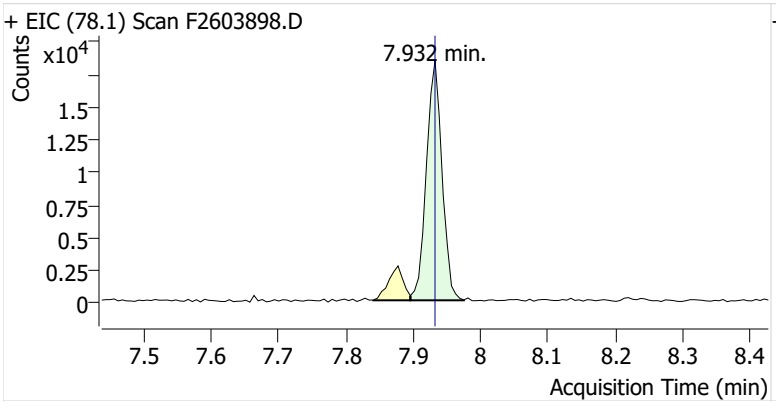
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	457,781	
Benzene	benzene-d6 (IS)	7.932	7.932	29,648	
Toluene-d8 (IS)		10.557	10.557	508,432	
Toluene	Toluene-d8 (IS)	10.655	10.655	58,970	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	9,020	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	12,943	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	5,508	

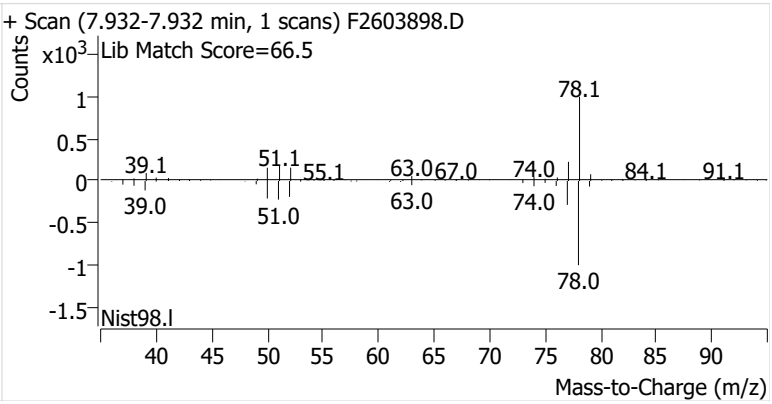
benzene-d6 (IS)



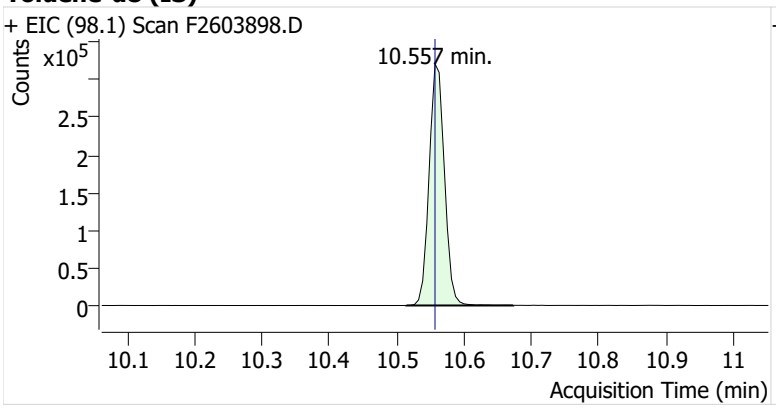


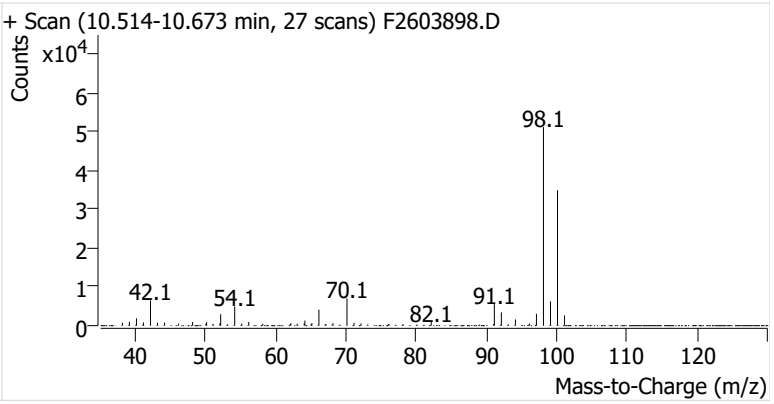
Benzene



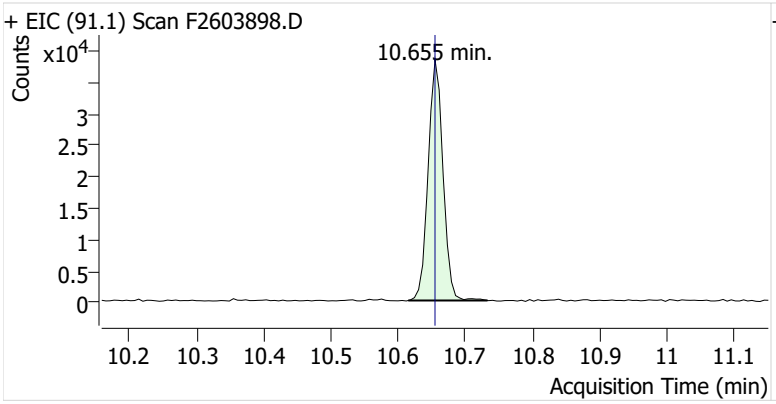


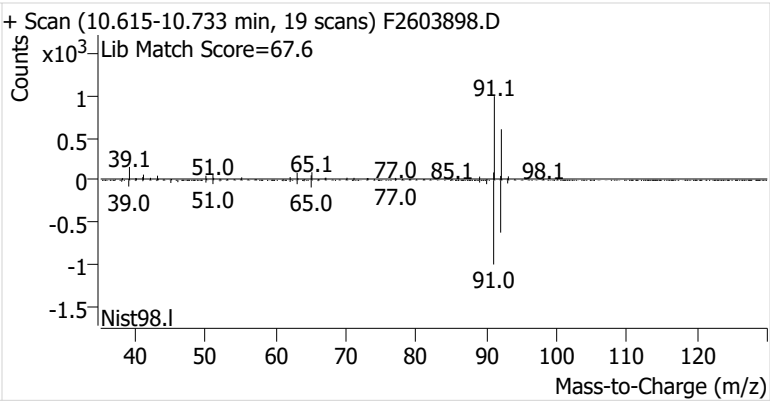
Toluene-d8 (IS)



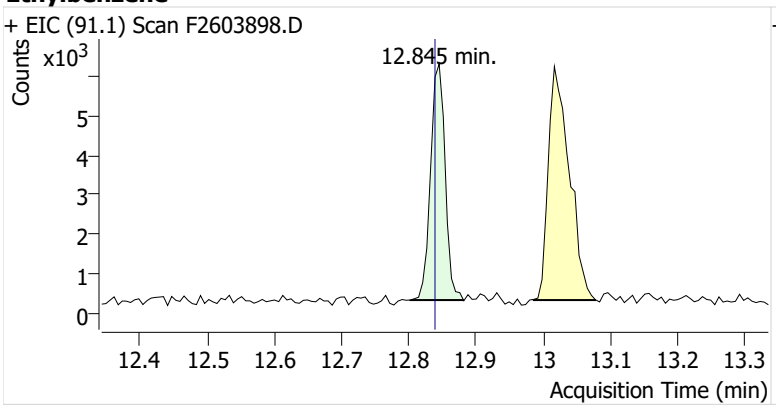


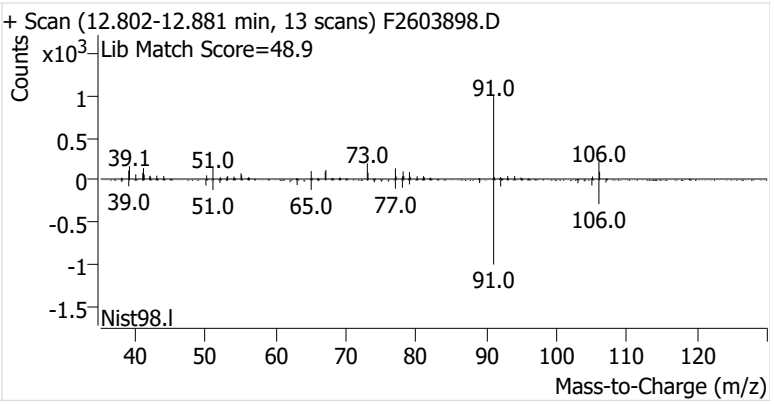
Toluene



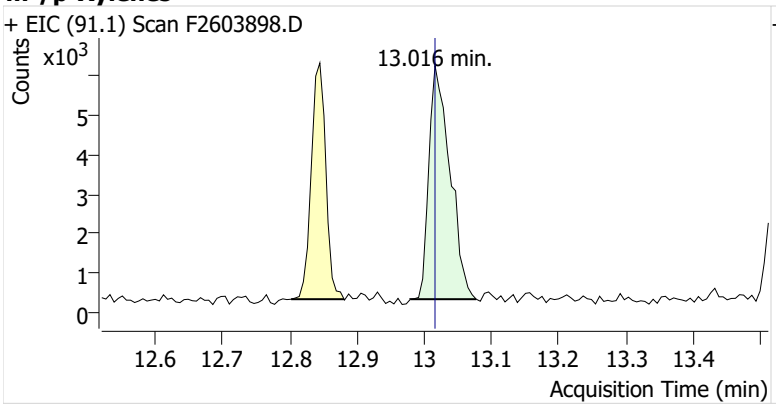


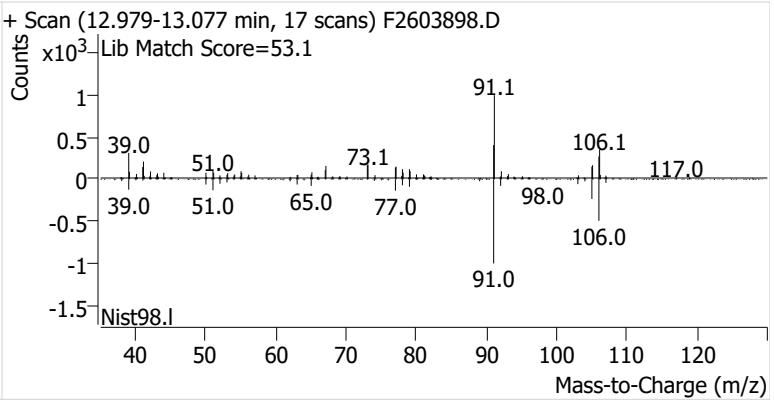
Ethylbenzene



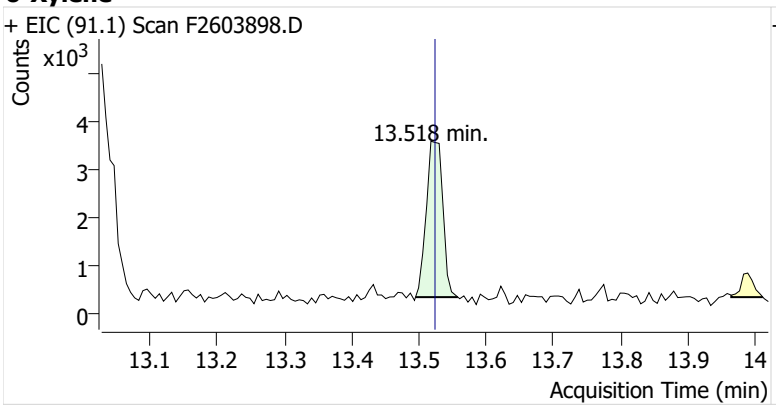


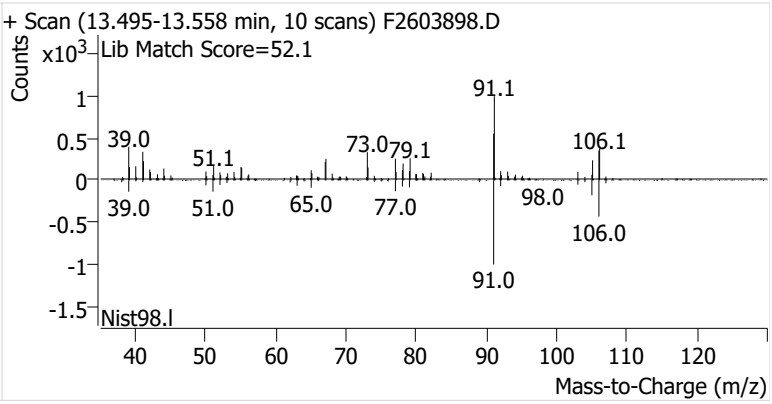
m-/p-Xylenes





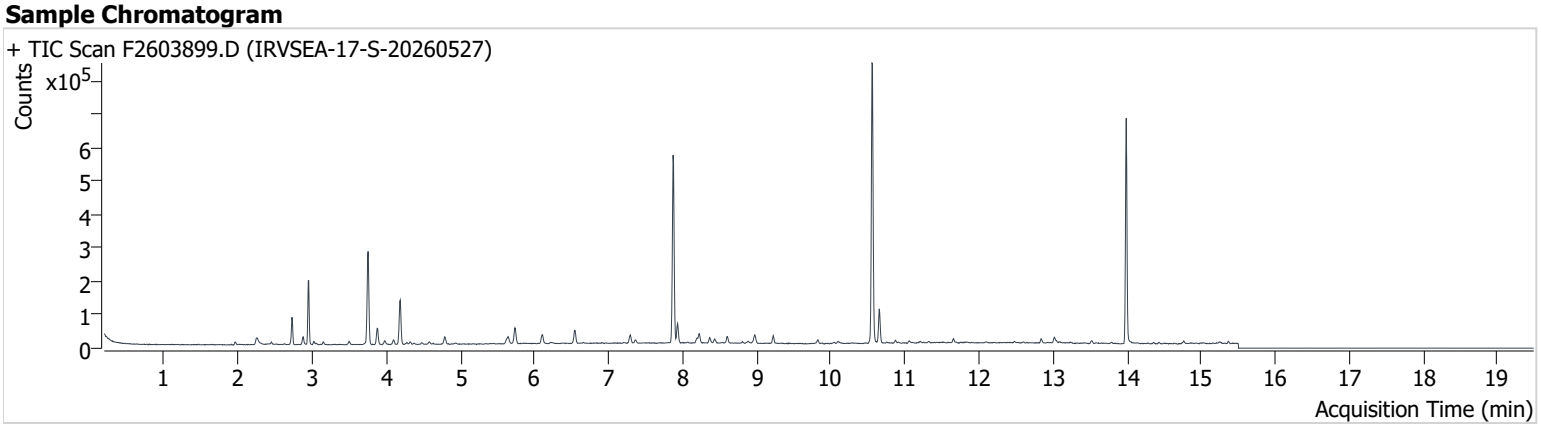
o-Xylene


+ EIC (91.1) Scan F2603898.D
Counts
x10^3
4
3
2
1
0
13.518 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.495-13.558 min, 10 scans) F2603898.D
Lib Match Score=52.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
39.0
51.1
73.0
79.1
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

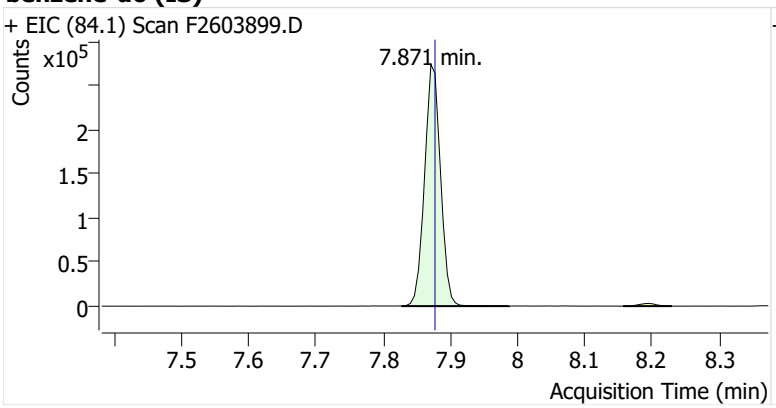
Name	IRVSEA-17-S-20260527
Comment	B44224
Data File	F2603899.D
Acq. Date-Time	6/12/2026 12:16:19 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

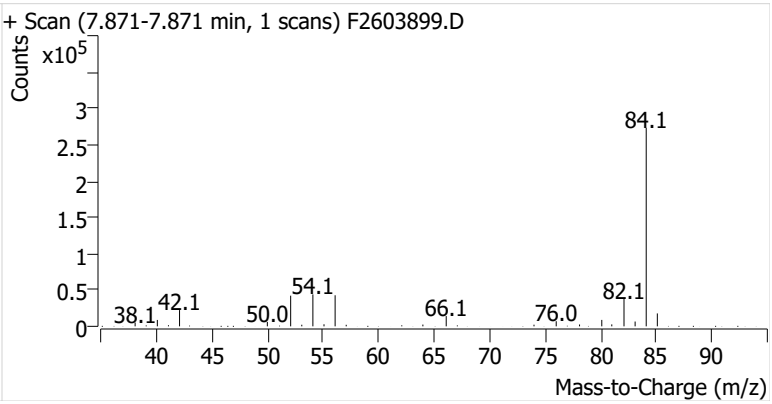
Sample Chromatogram



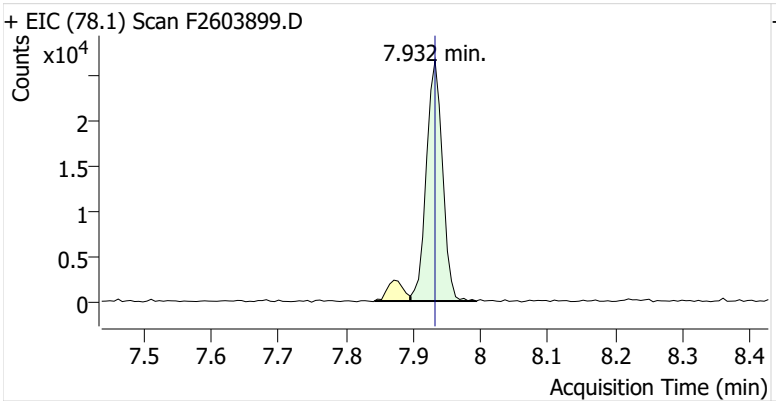
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	450,932	
Benzene	benzene-d6 (IS)	7.932	7.932	44,061	
Toluene-d8 (IS)		10.563	10.557	485,878	
Toluene	Toluene-d8 (IS)	10.655	10.655	57,356	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	7,267	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	11,758	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	4,888	

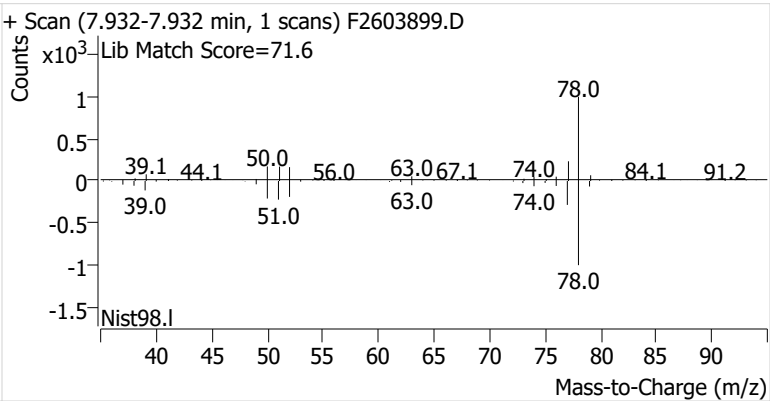
benzene-d6 (IS)



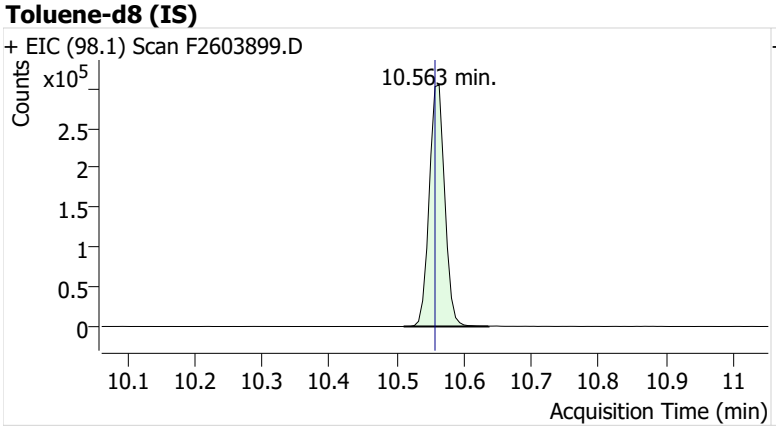


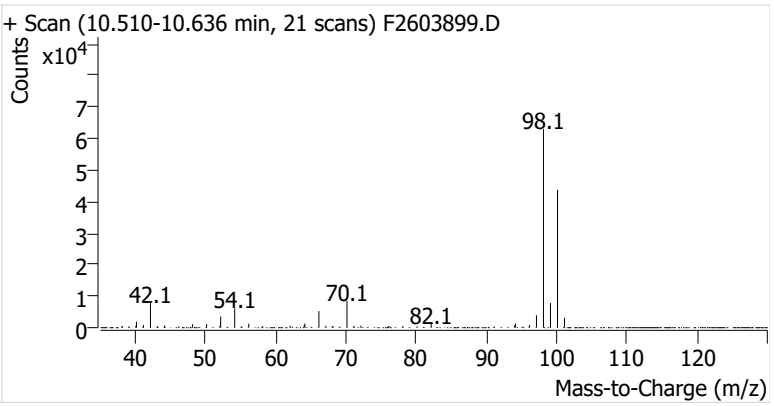
Benzene



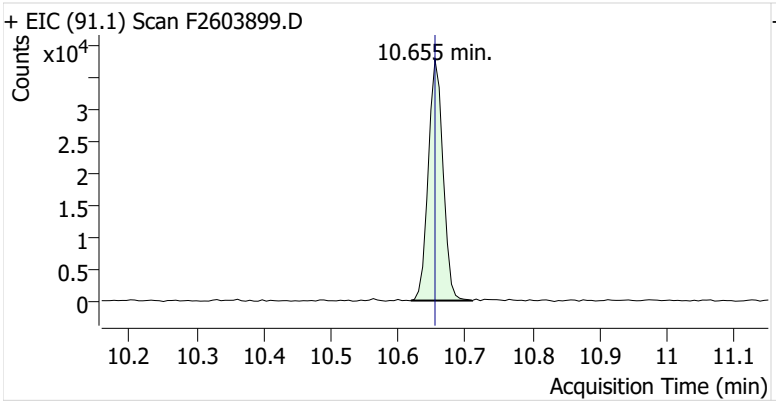


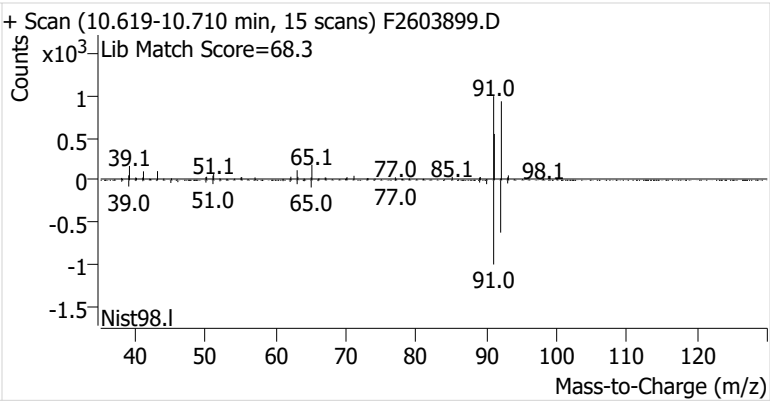
Toluene-d8 (IS)



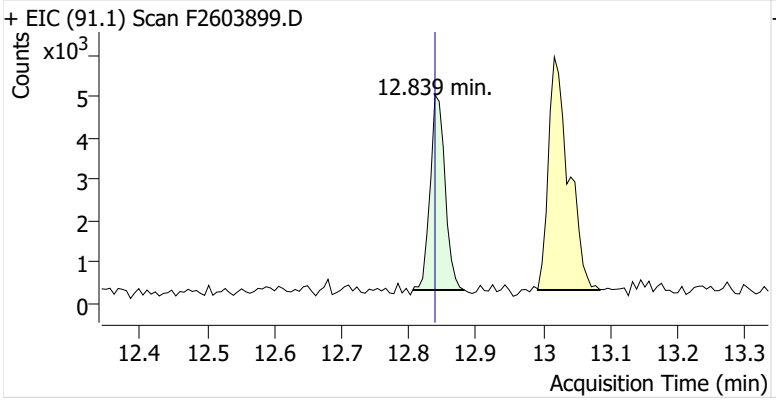


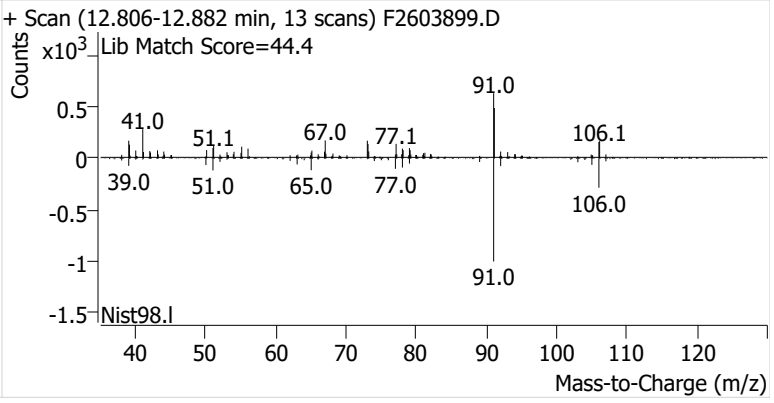
Toluene



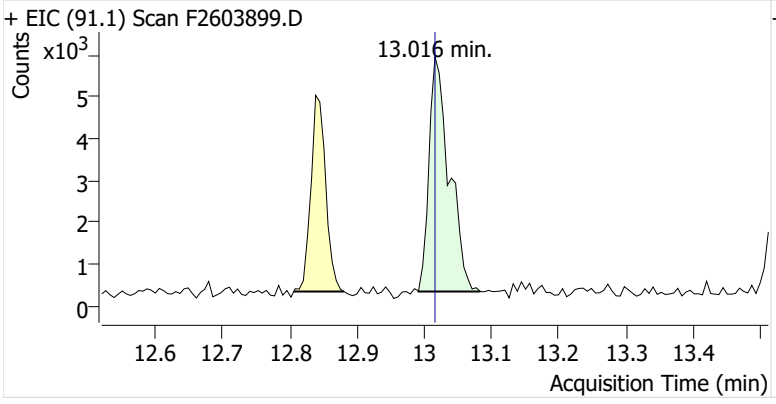


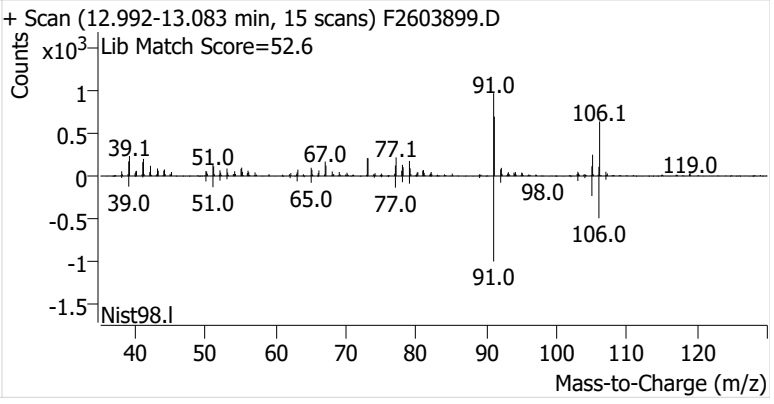
Ethylbenzene



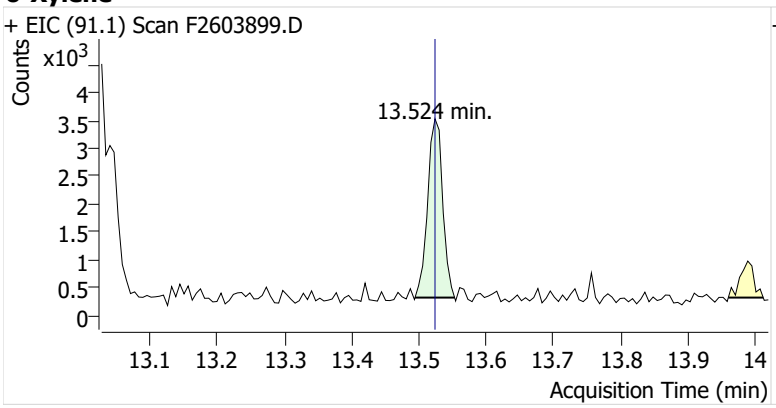


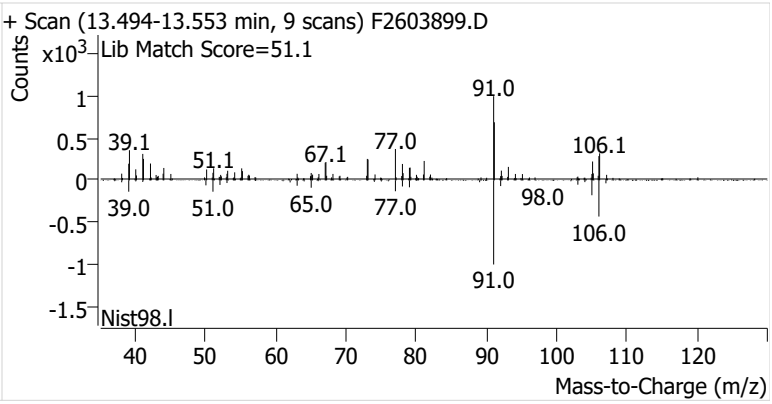
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan F2603899.D
Counts
x10^3
4
3.5
3
2.5
2
1.5
1
0.5
0
13.524 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.494-13.553 min, 9 scans) F2603899.D
Lib Match Score=51.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.0
39.1
51.1
67.1
77.0
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F060226A_CC185154	Benzene	1	F2603592.D	5.98	47851	54.9	467282	0.940	0.088
F060226A_CC185154	Benzene	2	F2603593.D	11.96	92809	54.9	459393	0.928	0.073
F060226A_CC185154	Benzene	3	F2603594.D	23.92	139496	54.9	463442	0.691	-0.2
F060226A_CC185154	Benzene	4	F2603602.D	47.82	363876	54.9	499057	0.837	-0.031
F060226A_CC185154	Benzene	5	F2603596.D	119.61	740151	54.9	471030	0.721	-0.17
F060226A_CC185154	Benzene	6	F2603597.D	239.22	1970749	54.9	459601	0.984	0.14
F060226A_CC185154	Benzene	7	F2603598.D	717.65	5725146	54.9	462228	0.948	0.097
						Avg:	468862	0.864	
						%RSD:	3.0%	13.6%	
F060226A_CC185154	Toluene	1	F2603592.D	5.25	47709	64.8	509406	1.156	0.1
F060226A_CC185154	Toluene	2	F2603593.D	10.51	92003	64.8	502138	1.131	0.077
F060226A_CC185154	Toluene	3	F2603594.D	21.01	156312	64.8	499066	0.967	-0.079
F060226A_CC185154	Toluene	4	F2603602.D	42.00	353414	64.8	531720	1.026	-0.023
F060226A_CC185154	Toluene	5	F2603596.D	105.05	694344	64.8	502134	0.853	-0.19
F060226A_CC185154	Toluene	6	F2603597.D	210.10	1867261	64.8	505954	1.139	0.085
F060226A_CC185154	Toluene	7	F2603598.D	630.31	5346493	64.8	510534	1.077	0.026
						Avg:	508707	1.050	
						%RSD:	2.2%	10.5%	
F060226A_CC185154	Ethylbenzene	1	F2603592.D	5.46	49130	64.8	509406	1.145	-0.071
F060226A_CC185154	Ethylbenzene	2	F2603593.D	10.92	112308	64.8	502138	1.328	0.077
F060226A_CC185154	Ethylbenzene	3	F2603594.D	21.84	196227	64.8	499066	1.167	-0.053
F060226A_CC185154	Ethylbenzene	4	F2603602.D	43.65	481296	64.8	531720	1.344	0.09
F060226A_CC185154	Ethylbenzene	5	F2603596.D	109.18	873540	64.8	502134	1.033	-0.16
F060226A_CC185154	Ethylbenzene	6	F2603597.D	218.36	2338398	64.8	505954	1.372	0.11
F060226A_CC185154	Ethylbenzene	7	F2603598.D	655.09	6402073	64.8	510534	1.241	0.0065
						Avg:	508707	1.233	
						%RSD:	2.2%	10.1%	
F060226A_CC185154	m-/p-Xylenes	1	F2603592.D	6.12	43991	64.8	509406	0.915	-0.11
F060226A_CC185154	m-/p-Xylenes	2	F2603593.D	12.24	105150	64.8	502138	1.110	0.079
F060226A_CC185154	m-/p-Xylenes	3	F2603594.D	24.47	187576	64.8	499066	0.996	-0.032
F060226A_CC185154	m-/p-Xylenes	4	F2603602.D	48.92	455036	64.8	531720	1.134	0.1
F060226A_CC185154	m-/p-Xylenes	5	F2603596.D	122.36	833795	64.8	502134	0.880	-0.14
F060226A_CC185154	m-/p-Xylenes	6	F2603597.D	244.72	2071778	64.8	505954	1.085	0.055
F060226A_CC185154	m-/p-Xylenes	7	F2603598.D	734.17	6239181	64.8	510534	1.079	0.049
						Avg:	508707	1.028	
						%RSD:	2.2%	9.7%	
F060226A_CC185154	o-Xylene	1	F2603592.D	5.69	41840	64.8	509406	0.936	-0.11
F060226A_CC185154	o-Xylene	2	F2603593.D	11.38	103923	64.8	502138	1.179	0.12
F060226A_CC185154	o-Xylene	3	F2603594.D	22.76	180336	64.8	499066	1.029	-0.023

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG206-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F060226A_CC185154	o-Xylene	4	F2603602.D	45.50	428822	64.8	531720	1.149	0.091
F060226A_CC185154	o-Xylene	5	F2603596.D	113.79	799795	64.8	502134	0.908	-0.14
F060226A_CC185154	o-Xylene	6	F2603597.D	227.59	2008036	64.8	505954	1.131	0.073
F060226A_CC185154	o-Xylene	7	F2603598.D	682.77	5608102	64.8	510534	1.043	-0.0099
						Avg:	508707	1.054	
						%RSD:	2.2%	10.0%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F060226A_CC185154	Benzene	ICV	F2603599.D	178.34	1050667	54.9	463481	0.698	-19.0%
F060226A_CC185154	Toluene	ICV	F2603599.D	182.62	1193938	64.8	509401	0.832	-21.0%
F060226A_CC185154	Ethylbenzene	ICV	F2603599.D	180.56	1443094	64.8	509401	1.017	-18.0%
F060226A_CC185154	m-/p-Xylenes	ICV	F2603599.D	183.37	1117425	64.8	509401	0.776	-25.0%
F060226A_CC185154	o-Xylene	ICV	F2603599.D	183.72	1161032	64.8	509401	0.804	-24.0%

M325B PDF Report ver.20260421

Sample Custody

Onterris

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

2026GG206

Page #1 of #1

☐ Standard Turn Around Time
☐ Rush Turn Around Time
• All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	Irving Searsport Terminal	**Client Name:**	Onterris Air Quality Services	**PO#:**	
Site Address:	52 Station Ave.	**Project #:**	PROJ-050105	**Sample Event #:**	2026GG206
City:	Searsport	**Project Manager:**	Sabarish Selvarajan	**Sorbent Type:**	Carbopak-X
State:	Maine	**Email Address:**	sabarishselvarajan@onterris.com	**Quote #:**	
Zip:	04974	**Telephone #:**	973-722-7895		

Location	Sample ID (Tube ID)	Sample (S), Blank (B), Duplicate (D)	Start Date	Start Time	Stop Date	Stop Time	Deployed by/ Collected by	Avg. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C32905	S	5/27/26	9:53 AM	6/10/26	10:29 AM	KV/KV		
2	C71686	S	5/27/26	9:56 AM	6/10/26	10:32 AM	KV/KV		
2	B48047	D	5/27/26	9:56 AM	6/10/26	10:32 AM	KV/KV		
2	C16105	B	5/27/26	9:56 AM	6/10/26	10:32 AM	KV/KV		
3	C71599	S	5/27/26	9:59 AM	6/10/26	10:35 AM	KV/KV		
4	C55382	S	5/27/26	10:01 AM	6/10/26	10:37 AM	KV/KV		
5	C43889	S	5/27/26	10:03 AM	6/10/26	10:40 AM	KV/KV		
6	C32896	S	5/27/26	10:06 AM	6/10/26	10:43 AM	KV/KV		
7	C00703	S	5/27/26	10:09 AM	6/10/26	10:45 AM	KV/KV		
8	C55513	S	5/27/26	10:12 AM	6/10/26	10:47 AM	KV/KV		
8	C57504	D	5/27/26	10:12 AM	6/10/26	10:47 AM	KV/KV		
8	B44278	B	5/27/26	10:12 AM	6/10/26	10:47 AM	KV/KV		
9	C69789	S	5/27/26	10:15 AM	6/10/26	10:49 AM	KV/KV		
10	C32892	S	5/27/26	10:18 AM	6/10/26	10:51 AM	KV/KV		
11	C55574	S	5/27/26	10:20 AM	6/10/26	10:53 AM	KV/KV		
12	C16151	S	5/27/26	9:42 AM	6/10/26	10:20 AM	KV/KV		
13	C40575	S	5/27/26	9:46 AM	6/10/26	10:23 AM	KV/KV		
14	B34419	S	5/27/26	9:50 AM	6/10/26	10:26 AM	KV/KV		
15	C55771	S	5/27/26	10:39 AM	6/10/26	11:12 AM	KV/KV		
16	B52758	S	5/27/26	10:41 AM	6/10/26	11:14 AM	KV/KV		
17	B44224	S	5/27/26	10:44 AM	6/10/26	11:16 AM	KV/KV		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Kosta Voukidis	KV	6/10/26	17:00
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Paige Grundman	Paige Grundman	6-11-26	9:45am
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
Good	Benzene Toluene Ethylbenzene O-xylenes, m-/p-xylenes	Y	
Blank Temp: 23.3 Plate 4		**Custody Seal #:** 25609349	

ments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.onterris.com

Unless otherwise agreed in writing, these services are provided pursuant to the terms and conditions as set forth at onterris.com/terms-and-conditions. Onterris acceptance of this order is expressly limited to these terms and conditions

This Is The Last Page Of This Report.

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 46 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 6/25/2026

Analytical Report
2026GG207

EPA Method 325B Analysis

Report Issue Date: 7/2/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature: Isabel C Obando

QA Review by Isabel Obando Marrero, Data Reviewer

Matt Cavanaugh
Matthew.Cavanaugh@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG207-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Onterris/Enthalpy on June 25, 2026 at 20.2 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20260610	C70033	Sample
IRVSEA-2-S-20260610	C69499	Sample
IRVSEA-2-D-20260610	C55746	Duplicate
IRVSEA-2-B-20260610	B48672	Blank
IRVSEA-3-S-20260610	C71579	Sample
IRVSEA-4-S-20260610	C55558	Sample
IRVSEA-5-S-20260610	C55738	Sample
IRVSEA-6-S-20260610	C43620	Sample
IRVSEA-7-S-20260610	B27840	Sample
IRVSEA-8-S-20260610	C73603	Sample
IRVSEA-8-D-20260610	C01560	Duplicate
IRVSEA-8-B-20260610	C01646	Blank
IRVSEA-9-S-20260610	B52784	Sample
IRVSEA-10-S-20260610	C36867	Sample
IRVSEA-11-S-20260610	B19070	Sample
IRVSEA-12-S-20260610	B46185	Sample
IRVSEA-13-S-20260610	C57747	Sample
IRVSEA-14-S-20260610	C40136	Sample
IRVSEA-15-S-20260610	B46257	Sample
IRVSEA-16-S-20260610	C57571	Sample
IRVSEA-17-S-20260610	B50806	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Onterris/Enthalpy Narrative Summary

Company	Onterris Air Quality Services - New Jersey
Job No.	2026GG207-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (E062326A_CC185154) met all 30% RSD criteria. The initial calibration verification met ±30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

4. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20260610 (tube ID C69499) and its corresponding duplicate IRVSEA-2-D-20260610 (tube ID C55746) failed to meet the 30% difference criterion for m-/p-Xylenes, o-Xylene, and Toluene as specified by the method. All samples in the data set have been flagged “P” for m-/p-Xylenes, o-Xylene, and Toluene to denote this failure.

The primary sample IRVSEA-2-S-20260610 (tube ID C69499) and its corresponding duplicate IRVSEA-2-D-20260610 (tube ID C55746) failed to meet the 30% difference criterion for Ethylbenzene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument’s calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged “Pc” for Ethylbenzene to denote this failure.

5. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Onterris/Enthalpy, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20260610	C70033	0.479		1.29	P	0.272	ND,Pc	0.742	P	0.272	ND,P
IRVSEA-2-S-20260610	C69499	0.720		1.91	P	0.272	ND,Pc	0.878	P	0.310	J,P
IRVSEA-2-D-20260610	C55746	0.668		5.20	P	1.04	Pc	5.42	P	1.82	P
IRVSEA-2-B-20260610	B48672	0.187	ND	0.240	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,P
IRVSEA-3-S-20260610	C71579	0.814		2.08	P	0.370	J,Pc	1.27	P	0.354	J,P
IRVSEA-4-S-20260610	C55558	0.906		2.51	P	0.391	J,Pc	0.999	P	0.331	J,P
IRVSEA-5-S-20260610	C55738	0.403	J	1.13	P	0.398	J,Pc	1.08	P	0.272	ND,P
IRVSEA-6-S-20260610	C43620	0.613		1.99	P	0.298	J,Pc	0.797	P	0.297	J,P
IRVSEA-7-S-20260610	B27840	1.44		4.97	P	0.735	Pc	2.10	P	0.830	P
IRVSEA-8-S-20260610	C73603	1.82		6.27	P	0.798	Pc	2.93	P	1.17	P
IRVSEA-8-D-20260610	C01560	1.69		6.27	P	0.964	Pc	2.67	P	1.06	P
IRVSEA-8-B-20260610	C01646	0.187	ND	0.240	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,P
IRVSEA-9-S-20260610	B52784	0.870		2.79	P	0.443	J,Pc	1.16	P	0.442	J,P
IRVSEA-10-S-20260610	C36867	1.34		4.48	P	0.657	Pc	1.71	P	0.678	P
IRVSEA-11-S-20260610	B19070	2.48		8.73	P	1.12	Pc	3.45	P	1.36	P
IRVSEA-12-S-20260610	B46185	1.25		4.37	P	0.578	J,Pc	1.42	P	0.540	J,P
IRVSEA-13-S-20260610	C57747	0.642		2.17	P	0.336	J,Pc	1.14	P	0.398	J,P
IRVSEA-14-S-20260610	C40136	0.401	J	1.57	P	0.272	ND,Pc	0.517	J,P	0.272	ND,P
IRVSEA-15-S-20260610	B46257	0.368	J	0.760	P	0.272	ND,Pc	0.272	ND,P	0.272	ND,P
IRVSEA-16-S-20260610	C57571	0.280	J	0.656	P	0.272	ND,Pc	0.272	ND,P	0.272	ND,P
IRVSEA-17-S-20260610	B50806	0.386	J	0.754	P	0.272	ND,Pc	0.272	ND,P	0.272	ND,P

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260610	C70033	0.479	0.150	6.42	66.3	0.663	20207	0.187	0.442	0.0584	0.138		E2603485.d	2026-06-25 15:16	1.034	8.045	50992	421569	54.9	7.988	-1.3%
IRVSEA-2-S-20260610	C69499	0.720	0.226	9.65	66.3	0.663	20207	0.187	0.442	0.0584	0.138		E2603486.d	2026-06-25 15:42	1.034	8.045	76112	418729	54.9	7.988	-1.9%
IRVSEA-2-D-20260610	C55746	0.668	0.209	8.96	66.3	0.663	20207	0.187	0.442	0.0584	0.138		E2603487.d	2026-06-25 16:09	1.034	8.045	70567	418286	54.9	7.988	-2.0%
IRVSEA-2-B-20260610	B48672	0.187	0.0584		66.3	0.663	20207	0.187	0.442	0.0584	0.138	ND	E2603484.d	2026-06-25 14:50	1.034	8.045	10053	422550	54.9	7.988	-1.0%
IRVSEA-3-S-20260610	C71579	0.814	0.255	10.9	66.3	0.663	20206	0.187	0.442	0.0584	0.138		E2603488.d	2026-06-25 16:35	1.034	8.045	85390	415490	54.9	7.988	-2.7%
IRVSEA-4-S-20260610	C55558	0.906	0.284	12.1	66.3	0.663	20206	0.187	0.442	0.0584	0.138		E2603489.d	2026-06-25 17:01	1.034	8.045	94155	411726	54.9	7.988	-3.6%
IRVSEA-5-S-20260610	C55738	0.403	0.126	5.40	66.3	0.663	20205	0.187	0.442	0.0584	0.138	J	E2603490.d	2026-06-25 17:28	1.034	8.045	42232	415096	54.9	7.988	-2.8%
IRVSEA-6-S-20260610	C43620	0.613	0.192	8.21	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603491.d	2026-06-25 17:55	1.034	8.045	64039	414016	54.9	7.988	-3.0%
IRVSEA-7-S-20260610	B27840	1.44	0.452	19.4	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603492.d	2026-06-25 18:21	1.034	8.045	149086	408977	54.9	7.988	-4.2%
IRVSEA-8-S-20260610	C73603	1.82	0.572	24.5	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603493.d	2026-06-25 18:48	1.034	8.045	190207	412963	54.9	7.988	-3.3%
IRVSEA-8-D-20260610	C01560	1.69	0.528	22.6	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603494.d	2026-06-25 19:14	1.034	8.045	174386	409568	54.9	7.988	-4.1%
IRVSEA-8-B-20260610	C01646	0.187	0.0584		66.3	0.663	20205	0.187	0.442	0.0584	0.138	ND	E2603496.d	2026-06-25 20:07	1.034	8.045	4946	410940	54.9	7.988	-3.8%
IRVSEA-9-S-20260610	B52784	0.870	0.272	11.7	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603497.d	2026-06-25 20:33	1.034	8.045	90639	412943	54.9	7.988	-3.3%
IRVSEA-10-S-20260610	C36867	1.34	0.421	18.0	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603498.d	2026-06-25 20:59	1.034	8.045	138750	409106	54.9	7.988	-4.2%
IRVSEA-11-S-20260610	B19070	2.48	0.777	33.2	66.3	0.663	20205	0.187	0.442	0.0584	0.138		E2603499.d	2026-06-25 21:26	1.034	8.045	253761	405391	54.9	7.988	-5.1%
IRVSEA-12-S-20260610	B46185	1.25	0.392	16.8	66.4	0.663	20204	0.187	0.442	0.0584	0.138		E2603500.d	2026-06-25 21:52	1.034	8.045	127177	403020	54.9	7.988	-5.6%
IRVSEA-13-S-20260610	C57747	0.642	0.201	8.60	66.4	0.663	20206	0.187	0.442	0.0584	0.138		E2603501.d	2026-06-25 22:19	1.034	8.045	66362	409787	54.9	7.988	-4.0%
IRVSEA-14-S-20260610	C40136	0.401	0.126	5.37	66.4	0.663	20205	0.187	0.442	0.0584	0.138	J	E2603502.d	2026-06-25 22:46	1.034	8.045	41423	409206	54.9	7.988	-4.2%
IRVSEA-15-S-20260610	B46257	0.368	0.115	4.94	66.3	0.663	20210	0.186	0.442	0.0584	0.138	J	E2603503.d	2026-06-25 23:12	1.034	8.045	37897	407718	54.9	7.988	-4.5%
IRVSEA-16-S-20260610	C57571	0.280	0.0878	3.76	66.3	0.663	20210	0.186	0.442	0.0584	0.138	J	E2603504.d	2026-06-25 23:38	1.034	8.045	28773	406614	54.9	7.988	-4.8%
IRVSEA-17-S-20260610	B50806	0.386	0.121	5.18	66.3	0.663	20210	0.186	0.442	0.0584	0.138	J	E2603505.d	2026-06-26 00:05	1.034	8.045	39481	404786	54.9	7.988	-5.2%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260610	C70033	1.29	0.342	13.4	66.3	0.515	20207	0.240	0.500	0.0638	0.133	P	E2603485.d	2026-06-25 15:16	1.269	10.782	114012	434507	64.8	10.688	-1.8%
IRVSEA-2-S-20260610	C69499	1.91	0.508	19.9	66.3	0.515	20207	0.240	0.500	0.0638	0.133	P	E2603486.d	2026-06-25 15:42	1.269	10.781	170498	438044	64.8	10.688	-1.0%
IRVSEA-2-D-20260610	C55746	5.20	1.38	54.1	66.3	0.515	20207	0.240	0.500	0.0638	0.133	P	E2603487.d	2026-06-25 16:09	1.269	10.781	604820	571231	64.8	10.688	29.1%
IRVSEA-2-B-20260610	B48672	0.240	0.0638		66.3	0.515	20207	0.240	0.500	0.0638	0.133	ND,P	E2603484.d	2026-06-25 14:50	1.269	10.781	6586	438560	64.8	10.688	-0.9%
IRVSEA-3-S-20260610	C71579	2.08	0.553	21.7	66.3	0.515	20206	0.240	0.500	0.0638	0.133	P	E2603488.d	2026-06-25 16:35	1.269	10.781	182586	430452	64.8	10.688	-2.7%
IRVSEA-4-S-20260610	C55558	2.51	0.666	26.1	66.3	0.515	20206	0.240	0.500	0.0638	0.133	P	E2603489.d	2026-06-25 17:01	1.269	10.781	214263	419698	64.8	10.688	-5.1%
IRVSEA-5-S-20260610	C55738	1.13	0.300	11.8	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603490.d	2026-06-25 17:28	1.269	10.782	98408	427857	64.8	10.688	-3.3%
IRVSEA-6-S-20260610	C43620	1.99	0.528	20.7	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603491.d	2026-06-25 17:55	1.269	10.781	171237	423086	64.8	10.688	-4.4%
IRVSEA-7-S-20260610	B27840	4.97	1.32	51.7	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603492.d	2026-06-25 18:21	1.269	10.781	428684	423538	64.8	10.688	-4.3%
IRVSEA-8-S-20260610	C73603	6.27	1.66	65.2	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603493.d	2026-06-25 18:48	1.269	10.782	546837	428800	64.8	10.688	-3.1%
IRVSEA-8-D-20260610	C01560	6.27	1.66	65.2	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603494.d	2026-06-25 19:14	1.269	10.782	541106	424158	64.8	10.688	-4.1%
IRVSEA-8-B-20260610	C01646	0.240	0.0638		66.3	0.515	20205	0.240	0.500	0.0638	0.133	ND,P	E2603496.d	2026-06-25 20:07	1.269	10.781	13190	424628	64.8	10.688	-4.0%
IRVSEA-9-S-20260610	B52784	2.79	0.741	29.0	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603497.d	2026-06-25 20:33	1.269	10.781	238691	420117	64.8	10.688	-5.0%
IRVSEA-10-S-20260610	C36867	4.48	1.19	46.6	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603498.d	2026-06-25 20:59	1.269	10.781	388350	425774	64.8	10.688	-3.8%
IRVSEA-11-S-20260610	B19070	8.73	2.32	90.8	66.3	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603499.d	2026-06-25 21:26	1.269	10.782	750807	422443	64.8	10.688	-4.5%
IRVSEA-12-S-20260610	B46185	4.37	1.16	45.5	66.4	0.515	20204	0.240	0.500	0.0638	0.133	P	E2603500.d	2026-06-25 21:52	1.269	10.782	372318	418447	64.8	10.688	-5.4%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20260610	C57747	2.17	0.576	22.6	66.4	0.515	20206	0.240	0.500	0.0638	0.133	P	E2603501.d	2026-06-25 22:19	1.269	10.781	185661	420358	64.8	10.688	-5.0%
IRVSEA-14-S-20260610	C40136	1.57	0.417	16.3	66.4	0.515	20205	0.240	0.500	0.0638	0.133	P	E2603502.d	2026-06-25 22:46	1.269	10.782	135402	423584	64.8	10.688	-4.3%
IRVSEA-15-S-20260610	B46257	0.760	0.202	7.91	66.3	0.515	20210	0.240	0.500	0.0638	0.133	P	E2603503.d	2026-06-25 23:12	1.269	10.782	64270	415353	64.8	10.688	-6.1%
IRVSEA-16-S-20260610	C57571	0.656	0.174	6.82	66.3	0.515	20210	0.240	0.500	0.0638	0.133	P	E2603504.d	2026-06-25 23:38	1.269	10.781	56355	422115	64.8	10.688	-4.6%
IRVSEA-17-S-20260610	B50806	0.754	0.200	7.85	66.3	0.515	20210	0.240	0.500	0.0638	0.133	P	E2603505.d	2026-06-26 00:05	1.269	10.781	63708	415040	64.8	10.688	-6.2%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260610	C70033	0.272	0.0626		66.3	0.455	20207	0.272	0.587	0.0626	0.135	ND,Pc	E2603485.d	2026-06-25 15:16	1.377	12.973	19019	434507	64.8	10.688	-1.8%
IRVSEA-2-S-20260610	C69499	0.272	0.0626		66.3	0.455	20207	0.272	0.587	0.0626	0.135	ND,Pc	E2603486.d	2026-06-25 15:42	1.377	12.973	22506	438044	64.8	10.688	-1.0%
IRVSEA-2-D-20260610	C55746	1.04	0.239	9.54	66.3	0.455	20207	0.272	0.587	0.0626	0.135	Pc	E2603487.d	2026-06-25 16:09	1.377	12.973	115769	571231	64.8	10.688	29.1%
IRVSEA-2-B-20260610	B48672	0.272	0.0626		66.3	0.455	20207	0.272	0.587	0.0626	0.135	ND,Pc	E2603484.d	2026-06-25 14:50	1.377	12.973	1120	438560	64.8	10.688	-0.9%
IRVSEA-3-S-20260610	C71579	0.370	0.0853	3.41	66.3	0.455	20206	0.272	0.587	0.0626	0.135	J,Pc	E2603488.d	2026-06-25 16:35	1.377	12.973	31130	430452	64.8	10.688	-2.7%
IRVSEA-4-S-20260610	C55558	0.391	0.0902	3.60	66.3	0.455	20206	0.272	0.587	0.0626	0.135	J,Pc	E2603489.d	2026-06-25 17:01	1.377	12.981	32089	419698	64.8	10.688	-5.1%
IRVSEA-5-S-20260610	C55738	0.398	0.0916	3.66	66.3	0.455	20205	0.272	0.587	0.0626	0.135	J,Pc	E2603490.d	2026-06-25 17:28	1.377	12.973	33242	427857	64.8	10.688	-3.3%
IRVSEA-6-S-20260610	C43620	0.298	0.0686	2.74	66.3	0.455	20205	0.272	0.587	0.0626	0.135	J,Pc	E2603491.d	2026-06-25 17:55	1.377	12.973	24630	423086	64.8	10.688	-4.4%
IRVSEA-7-S-20260610	B27840	0.735	0.169	6.76	66.3	0.455	20205	0.272	0.587	0.0626	0.135	Pc	E2603492.d	2026-06-25 18:21	1.377	12.973	60833	423538	64.8	10.688	-4.3%
IRVSEA-8-S-20260610	C73603	0.798	0.184	7.35	66.3	0.455	20205	0.272	0.587	0.0626	0.135	Pc	E2603493.d	2026-06-25 18:48	1.377	12.974	66896	428800	64.8	10.688	-3.1%
IRVSEA-8-D-20260610	C01560	0.964	0.222	8.87	66.3	0.455	20205	0.272	0.587	0.0626	0.135	Pc	E2603494.d	2026-06-25 19:14	1.377	12.973	79883	424158	64.8	10.688	-4.1%
IRVSEA-8-B-20260610	C01646	0.272	0.0626		66.3	0.455	20205	0.272	0.587	0.0626	0.135	ND,Pc	E2603496.d	2026-06-25 20:07	1.377	12.973	1166	424628	64.8	10.688	-4.0%
IRVSEA-9-S-20260610	B52784	0.443	0.102	4.08	66.3	0.455	20205	0.272	0.587	0.0626	0.135	J,Pc	E2603497.d	2026-06-25 20:33	1.377	12.973	36391	420117	64.8	10.688	-5.0%
IRVSEA-10-S-20260610	C36867	0.657	0.151	6.05	66.3	0.455	20205	0.272	0.587	0.0626	0.135	Pc	E2603498.d	2026-06-25 20:59	1.377	12.973	54681	425774	64.8	10.688	-3.8%
IRVSEA-11-S-20260610	B19070	1.12	0.259	10.3	66.3	0.455	20205	0.272	0.587	0.0626	0.135	Pc	E2603499.d	2026-06-25 21:26	1.377	12.973	92662	422443	64.8	10.688	-4.5%
IRVSEA-12-S-20260610	B46185	0.578	0.133	5.32	66.4	0.455	20204	0.272	0.587	0.0626	0.135	J,Pc	E2603500.d	2026-06-25 21:52	1.377	12.974	47260	418447	64.8	10.688	-5.4%
IRVSEA-13-S-20260610	C57747	0.336	0.0775	3.10	66.4	0.455	20206	0.272	0.587	0.0626	0.135	J,Pc	E2603501.d	2026-06-25 22:19	1.377	12.980	27638	420358	64.8	10.688	-5.0%
IRVSEA-14-S-20260610	C40136	0.272	0.0626		66.4	0.455	20205	0.272	0.587	0.0626	0.135	ND,Pc	E2603502.d	2026-06-25 22:46	1.377	12.981	17960	423584	64.8	10.688	-4.3%
IRVSEA-15-S-20260610	B46257	0.272	0.0626		66.3	0.455	20210	0.272	0.587	0.0626	0.135	ND,Pc	E2603503.d	2026-06-25 23:12	1.377	12.974	8440	415353	64.8	10.688	-6.1%
IRVSEA-16-S-20260610	C57571	0.272	0.0626		66.3	0.455	20210	0.272	0.587	0.0626	0.135	ND,Pc	E2603504.d	2026-06-25 23:38	1.377	12.980	6561	422115	64.8	10.688	-4.6%
IRVSEA-17-S-20260610	B50806	0.272	0.0626		66.3	0.455	20210	0.272	0.587	0.0626	0.135	ND,Pc	E2603505.d	2026-06-26 00:05	1.377	12.973	8568	415040	64.8	10.688	-6.2%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260610	C70033	0.742	0.171	6.83	66.3	0.455	20207	0.272	0.658	0.0626	0.152	P	E2603485.d	2026-06-25 15:16	1.110	13.153	50756	434507	64.8	10.688	-1.8%
IRVSEA-2-S-20260610	C69499	0.878	0.202	8.08	66.3	0.455	20207	0.272	0.658	0.0626	0.152	P	E2603486.d	2026-06-25 15:42	1.110	13.152	60571	438044	64.8	10.688	-1.0%
IRVSEA-2-D-20260610	C55746	5.42	1.25	49.8	66.3	0.455	20207	0.272	0.658	0.0626	0.152	P	E2603487.d	2026-06-25 16:09	1.110	13.152	487178	571231	64.8	10.688	29.1%
IRVSEA-2-B-20260610	B48672	0.272	0.0626		66.3	0.455	20207	0.272	0.658	0.0626	0.152	ND,P	E2603484.d	2026-06-25 14:50	1.110	13.152	1133	438560	64.8	10.688	-0.9%
IRVSEA-3-S-20260610	C71579	1.27	0.292	11.7	66.3	0.455	20206	0.272	0.658	0.0626	0.152	P	E2603488.d	2026-06-25 16:35	1.110	13.152	85895	430452	64.8	10.688	-2.7%
IRVSEA-4-S-20260610	C55558	0.999	0.230	9.19	66.3	0.455	20206	0.272	0.658	0.0626	0.152	P	E2603489.d	2026-06-25 17:01	1.110	13.152	66038	419698	64.8	10.688	-5.1%
IRVSEA-5-S-20260610	C55738	1.08	0.249	9.94	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603490.d	2026-06-25 17:28	1.110	13.153	72802	427857	64.8	10.688	-3.3%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20260610	C43620	0.797	0.184	7.33	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603491.d	2026-06-25 17:55	1.110	13.152	53105	423086	64.8	10.688	-4.4%
IRVSEA-7-S-20260610	B27840	2.10	0.484	19.3	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603492.d	2026-06-25 18:21	1.110	13.152	139995	423538	64.8	10.688	-4.3%
IRVSEA-8-S-20260610	C73603	2.93	0.676	27.0	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603493.d	2026-06-25 18:48	1.110	13.153	198173	428800	64.8	10.688	-3.1%
IRVSEA-8-D-20260610	C01560	2.67	0.616	24.6	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603494.d	2026-06-25 19:14	1.110	13.153	178425	424158	64.8	10.688	-4.1%
IRVSEA-8-B-20260610	C01646	0.272	0.0626		66.3	0.455	20205	0.272	0.658	0.0626	0.152	ND,P	E2603496.d	2026-06-25 20:07	1.110	13.167	978	424628	64.8	10.688	-4.0%
IRVSEA-9-S-20260610	B52784	1.16	0.268	10.7	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603497.d	2026-06-25 20:33	1.110	13.152	77016	420117	64.8	10.688	-5.0%
IRVSEA-10-S-20260610	C36867	1.71	0.395	15.8	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603498.d	2026-06-25 20:59	1.110	13.152	114842	425774	64.8	10.688	-3.8%
IRVSEA-11-S-20260610	B19070	3.45	0.796	31.8	66.3	0.455	20205	0.272	0.658	0.0626	0.152	P	E2603499.d	2026-06-25 21:26	1.110	13.153	229676	422443	64.8	10.688	-4.5%
IRVSEA-12-S-20260610	B46185	1.42	0.328	13.1	66.4	0.455	20204	0.272	0.658	0.0626	0.152	P	E2603500.d	2026-06-25 21:52	1.110	13.153	93741	418447	64.8	10.688	-5.4%
IRVSEA-13-S-20260610	C57747	1.14	0.262	10.5	66.4	0.455	20206	0.272	0.658	0.0626	0.152	P	E2603501.d	2026-06-25 22:19	1.110	13.152	75197	420358	64.8	10.688	-5.0%
IRVSEA-14-S-20260610	C40136	0.517	0.119	4.76	66.4	0.455	20205	0.272	0.658	0.0626	0.152	J,P	E2603502.d	2026-06-25 22:46	1.110	13.153	34493	423584	64.8	10.688	-4.3%
IRVSEA-15-S-20260610	B46257	0.272	0.0626		66.3	0.455	20210	0.272	0.658	0.0626	0.152	ND,P	E2603503.d	2026-06-25 23:12	1.110	13.153	12906	415353	64.8	10.688	-6.1%
IRVSEA-16-S-20260610	C57571	0.272	0.0626		66.3	0.455	20210	0.272	0.658	0.0626	0.152	ND,P	E2603504.d	2026-06-25 23:38	1.110	13.152	16783	422115	64.8	10.688	-4.6%
IRVSEA-17-S-20260610	B50806	0.272	0.0626		66.3	0.455	20210	0.272	0.658	0.0626	0.152	ND,P	E2603505.d	2026-06-26 00:05	1.110	13.152	13031	415040	64.8	10.688	-6.2%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20260610	C70033	0.272	0.0626		66.3	0.455	20207	0.272	0.612	0.0626	0.141	ND,P	E2603485.d	2026-06-25 15:16	1.114	13.654	18034	434507	64.8	10.688	-1.8%
IRVSEA-2-S-20260610	C69499	0.310	0.0714	2.85	66.3	0.455	20207	0.272	0.612	0.0626	0.141	J,P	E2603486.d	2026-06-25 15:42	1.114	13.654	21448	438044	64.8	10.688	-1.0%
IRVSEA-2-D-20260610	C55746	1.82	0.419	16.7	66.3	0.455	20207	0.272	0.612	0.0626	0.141	P	E2603487.d	2026-06-25 16:09	1.114	13.654	164206	571231	64.8	10.688	29.1%
IRVSEA-2-B-20260610	B48672	0.272	0.0626		66.3	0.455	20207	0.272	0.612	0.0626	0.141	ND,P	E2603484.d	2026-06-25 14:50	1.114	13.647	720	438560	64.8	10.688	-0.9%
IRVSEA-3-S-20260610	C71579	0.354	0.0816	3.26	66.3	0.455	20206	0.272	0.612	0.0626	0.141	J,P	E2603488.d	2026-06-25 16:35	1.114	13.654	24092	430452	64.8	10.688	-2.7%
IRVSEA-4-S-20260610	C55558	0.331	0.0762	3.04	66.3	0.455	20206	0.272	0.612	0.0626	0.141	J,P	E2603489.d	2026-06-25 17:01	1.114	13.654	21944	419698	64.8	10.688	-5.1%
IRVSEA-5-S-20260610	C55738	0.272	0.0626		66.3	0.455	20205	0.272	0.612	0.0626	0.141	ND,P	E2603490.d	2026-06-25 17:28	1.114	13.654	15718	427857	64.8	10.688	-3.3%
IRVSEA-6-S-20260610	C43620	0.297	0.0685	2.74	66.3	0.455	20205	0.272	0.612	0.0626	0.141	J,P	E2603491.d	2026-06-25 17:55	1.114	13.654	19886	423086	64.8	10.688	-4.4%
IRVSEA-7-S-20260610	B27840	0.830	0.191	7.64	66.3	0.455	20205	0.272	0.612	0.0626	0.141	P	E2603492.d	2026-06-25 18:21	1.114	13.654	55569	423538	64.8	10.688	-4.3%
IRVSEA-8-S-20260610	C73603	1.17	0.270	10.8	66.3	0.455	20205	0.272	0.612	0.0626	0.141	P	E2603493.d	2026-06-25 18:48	1.114	13.654	79475	428800	64.8	10.688	-3.1%
IRVSEA-8-D-20260610	C01560	1.06	0.245	9.78	66.3	0.455	20205	0.272	0.612	0.0626	0.141	P	E2603494.d	2026-06-25 19:14	1.114	13.654	71220	424158	64.8	10.688	-4.1%
IRVSEA-8-B-20260610	C01646	0.272	0.0626		66.3	0.455	20205	0.272	0.612	0.0626	0.141	ND,P	E2603496.d	2026-06-25 20:07	1.114	13.654	514	424628	64.8	10.688	-4.0%
IRVSEA-9-S-20260610	B52784	0.442	0.102	4.06	66.3	0.455	20205	0.272	0.612	0.0626	0.141	J,P	E2603497.d	2026-06-25 20:33	1.114	13.654	29318	420117	64.8	10.688	-5.0%
IRVSEA-10-S-20260610	C36867	0.678	0.156	6.24	66.3	0.455	20205	0.272	0.612	0.0626	0.141	P	E2603498.d	2026-06-25 20:59	1.114	13.654	45613	425774	64.8	10.688	-3.8%
IRVSEA-11-S-20260610	B19070	1.36	0.314	12.5	66.3	0.455	20205	0.272	0.612	0.0626	0.141	P	E2603499.d	2026-06-25 21:26	1.114	13.654	91028	422443	64.8	10.688	-4.5%
IRVSEA-12-S-20260610	B46185	0.540	0.124	4.97	66.4	0.455	20204	0.272	0.612	0.0626	0.141	J,P	E2603500.d	2026-06-25 21:52	1.114	13.654	35712	418447	64.8	10.688	-5.4%
IRVSEA-13-S-20260610	C57747	0.398	0.0917	3.66	66.4	0.455	20206	0.272	0.612	0.0626	0.141	J,P	E2603501.d	2026-06-25 22:19	1.114	13.654	26440	420358	64.8	10.688	-5.0%
IRVSEA-14-S-20260610	C40136	0.272	0.0626		66.4	0.455	20205	0.272	0.612	0.0626	0.141	ND,P	E2603502.d	2026-06-25 22:46	1.114	13.661	12772	423584	64.8	10.688	-4.3%
IRVSEA-15-S-20260610	B46257	0.272	0.0626		66.3	0.455	20210	0.272	0.612	0.0626	0.141	ND,P	E2603503.d	2026-06-25 23:12	1.114	13.661	4954	415353	64.8	10.688	-6.1%
IRVSEA-16-S-20260610	C57571	0.272	0.0626		66.3	0.455	20210	0.272	0.612	0.0626	0.141	ND,P	E2603504.d	2026-06-25 23:38	1.114	13.661	6656	422115	64.8	10.688	-4.6%

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20260610	B50806	0.272	0.0626		66.3	0.455	20210	0.272	0.612	0.0626	0.141	ND,P	E2603505.d	2026-06-26 00:05	1.114	13.654	5187	415040	64.8	10.688	-6.2%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20260610	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20260610	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20260610	7.5%	Pass	92%	Fail	ND	Fail	140%	Fail	140%	Fail
	IRVSEA-8-D-20260610	7.9%	Pass	0.035%	Pass	19%	Pass	9.4%	Pass	9.9%	Pass

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	E2603482.d	C71595	Cal	1.034	0.924	1.034	12%	2.3%		Pass	
2026GG207 Method Blank-1	E2603483.d	C43567	Blank		0.924	1.034			1.5%	Pass	ND
M325B CCV 5	E2603495.d	C69609	Check	1.027	0.924	1.034	11%		-3.2%	Pass	
M325B CCV 5 REC	E2603506.d	C71595	Check	1.044	0.924	1.034	13%		-7.3%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	E2603482.d	C71595	Cal	1.269	1.166	1.269	8.8%	-0.55%		Pass	
2026GG207 Method Blank-1	E2603483.d	C43567	Blank		1.166	1.269			-0.042%	Pass	ND
M325B CCV 5	E2603495.d	C69609	Check	1.258	1.166	1.269	7.8%		-2.7%	Pass	
M325B CCV 5 REC	E2603506.d	C71595	Check	1.277	1.166	1.269	9.5%		-7.9%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	E2603482.d	C71595	Cal	1.377	1.240	1.377	11%	-0.55%		Pass	
2026GG207 Method Blank-1	E2603483.d	C43567	Blank		1.240	1.377			-0.042%	Pass	ND
M325B CCV 5	E2603495.d	C69609	Check	1.378	1.240	1.377	11%		-2.7%	Pass	
M325B CCV 5 REC	E2603506.d	C71595	Check	1.387	1.240	1.377	12%		-7.9%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	E2603482.d	C71595	Cal	1.110	0.984	1.110	13%	-0.55%		Pass	
2026GG207 Method Blank-1	E2603483.d	C43567	Blank		0.984	1.110			-0.042%	Pass	ND
M325B CCV 5	E2603495.d	C69609	Check	1.104	0.984	1.110	12%		-2.7%	Pass	
M325B CCV 5 REC	E2603506.d	C71595	Check	1.112	0.984	1.110	13%		-7.9%	Pass	

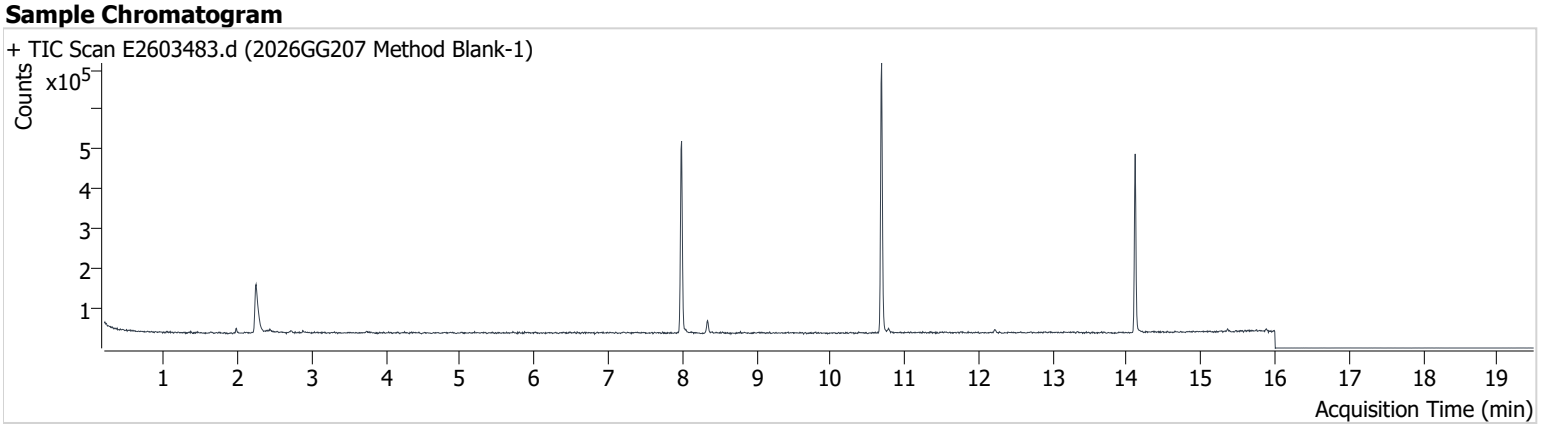
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	E2603482.d	C71595	Cal	1.114	0.991	1.114	12%	-0.55%		Pass	
2026GG207 Method Blank-1	E2603483.d	C43567	Blank		0.991	1.114			-0.042%	Pass	ND
M325B CCV 5	E2603495.d	C69609	Check	1.131	0.991	1.114	14%		-2.7%	Pass	
M325B CCV 5 REC	E2603506.d	C71595	Check	1.124	0.991	1.114	13%		-7.9%	Pass	

Chromatograms

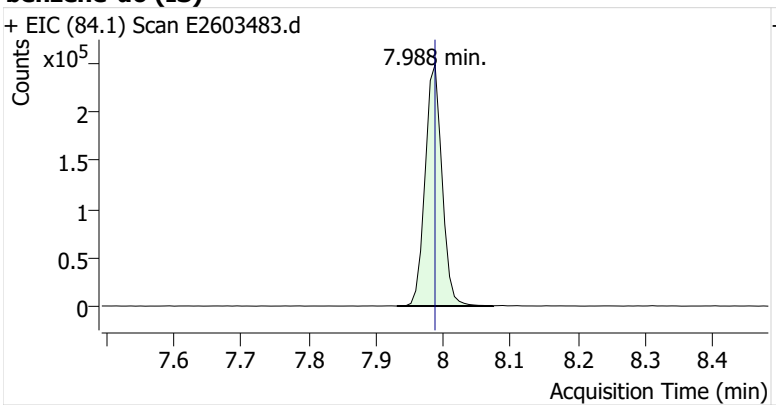
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Comment	C43567
Data File	E2603483.d
Acq. Date-Time	6/25/2026 2:23:39 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

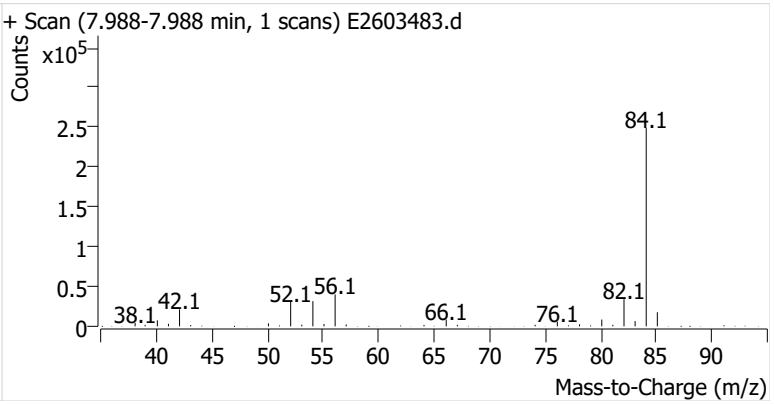
Sample Chromatogram



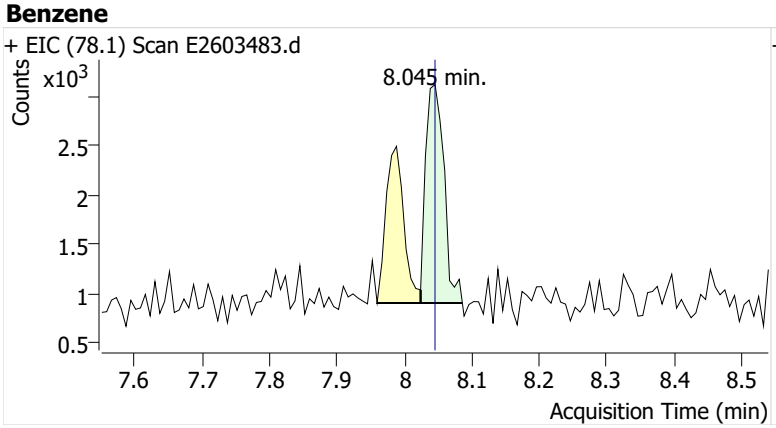
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	433,473	
Benzene	benzene-d6 (IS)	8.045	8.045	4,157	
Toluene-d8 (IS)		10.688	10.688	442,245	
Toluene	Toluene-d8 (IS)	10.782	10.781	6,556	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	1,288	
m-/p-Xylenes	Toluene-d8 (IS)	12.973	13.152	ND	m
o-Xylene	Toluene-d8 (IS)	13.661	13.654	560	

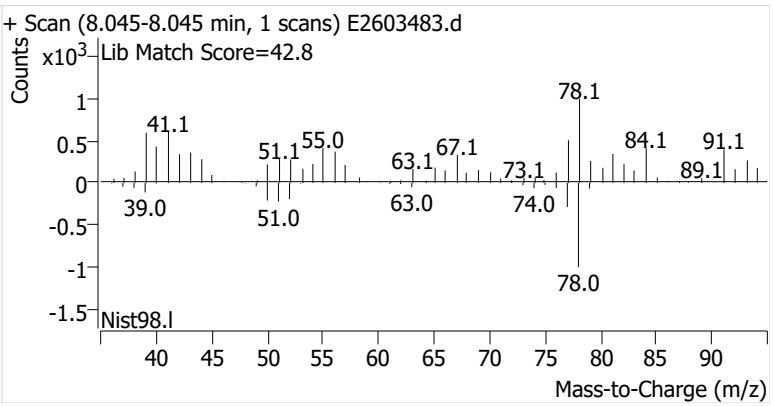
benzene-d6 (IS)



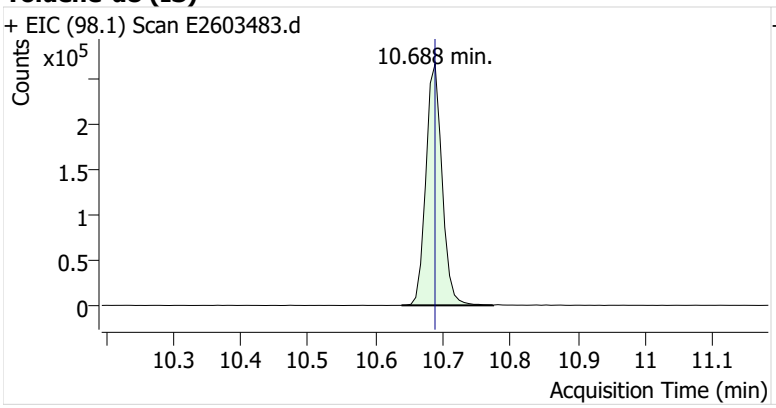


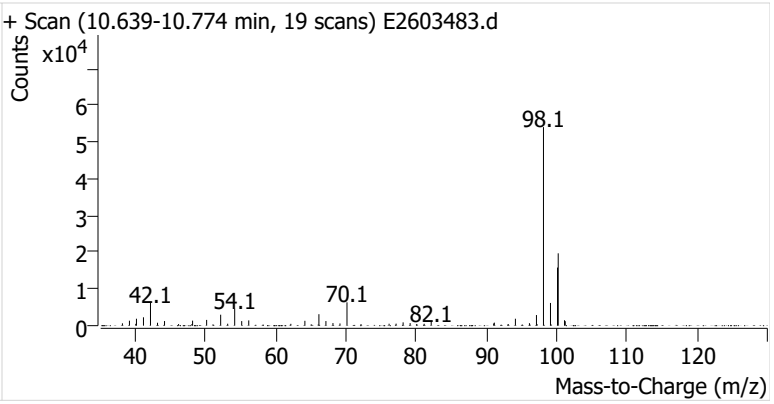
Benzene



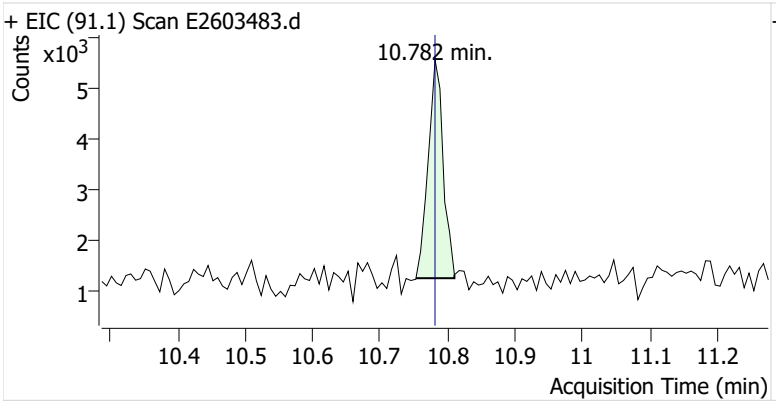


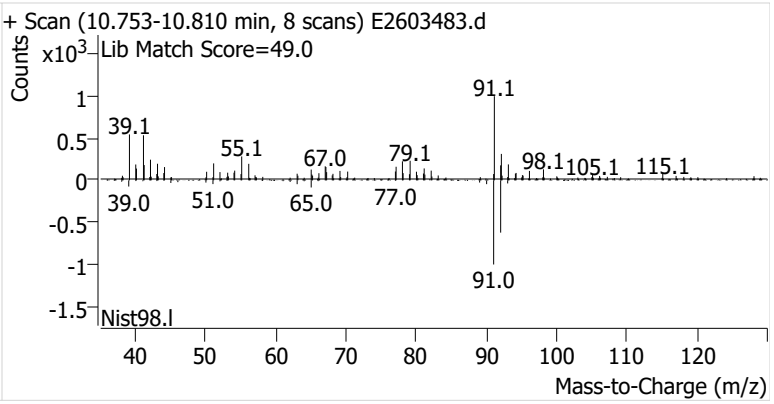
Toluene-d8 (IS)



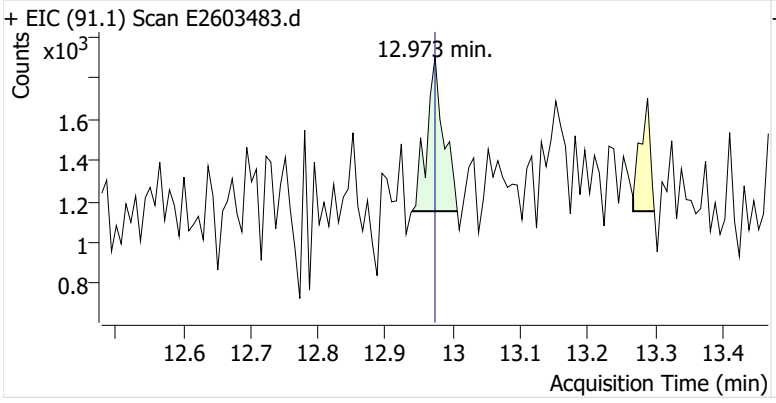


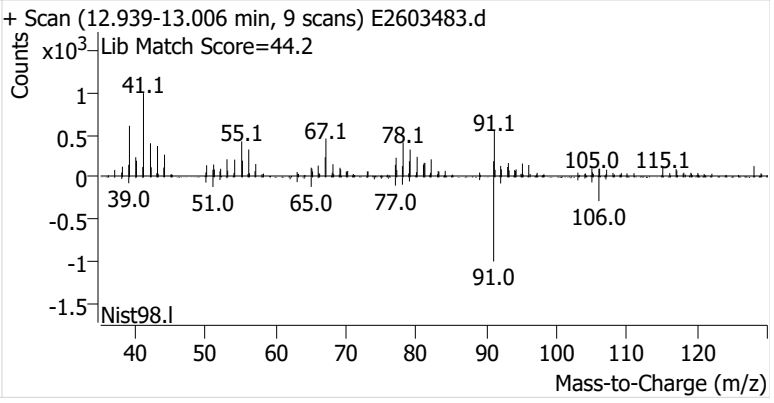
Toluene



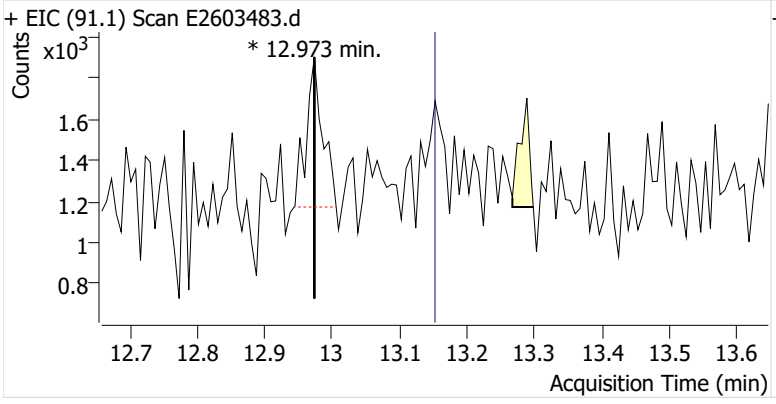


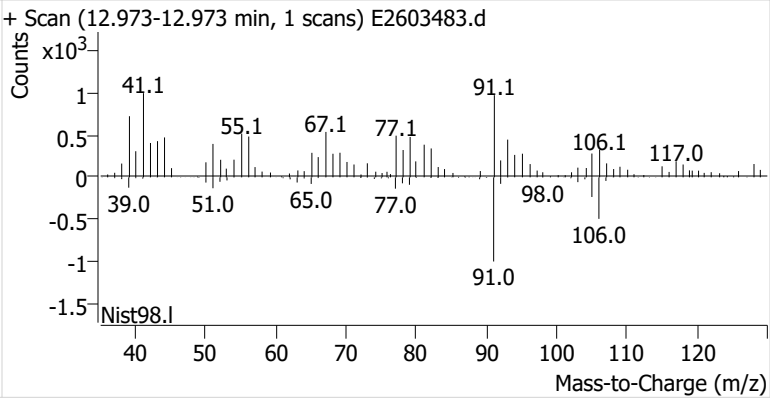
Ethylbenzene



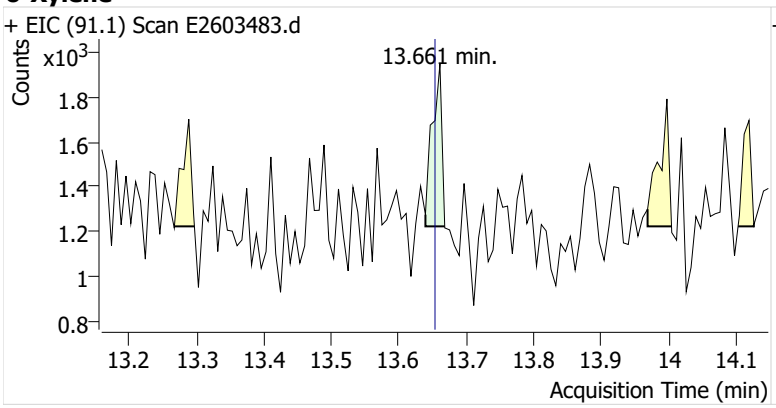


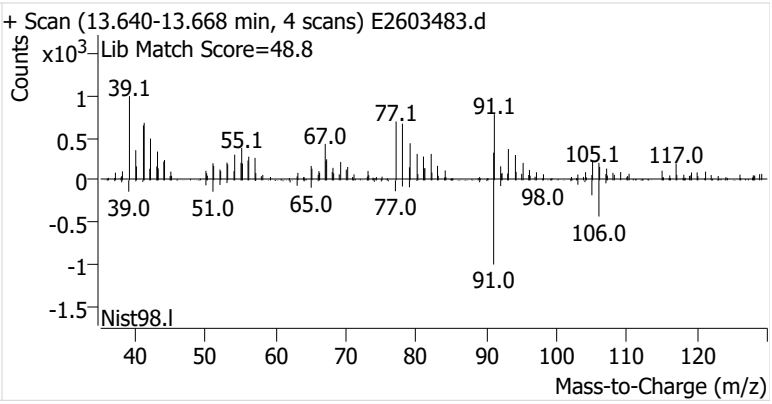
m-/p-Xylenes





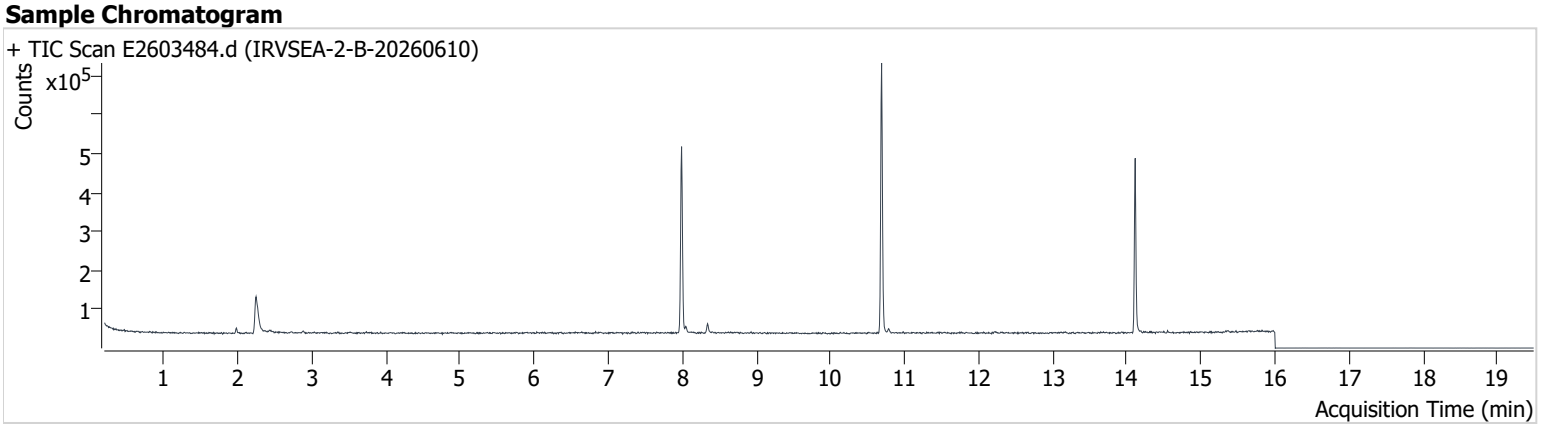
o-Xylene


+ EIC (91.1) Scan E2603483.d
Counts
x10^3
13.661 min.
1.8
1.6
1.4
1.2
1
0.8
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.668 min, 4 scans) E2603483.d
Counts
x10^3
Lib Match Score=48.8
39.1
77.1
91.1
55.1
67.0
105.1
117.0
1
0.5
0
-0.5
-1
-1.5
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

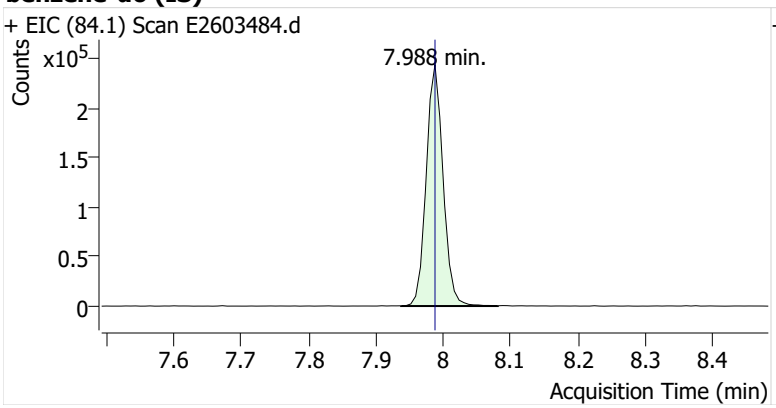
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Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

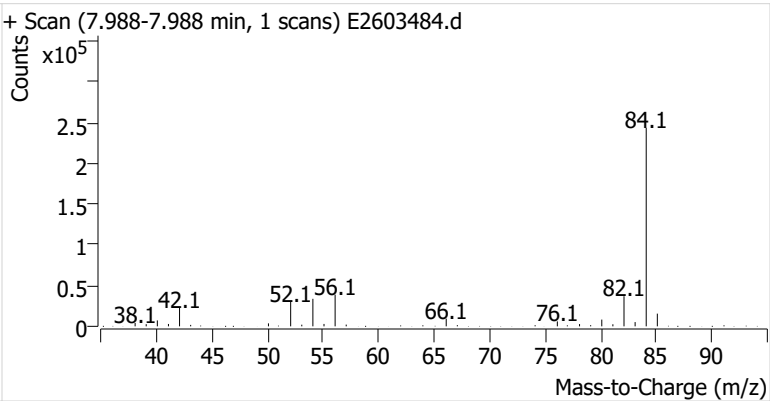
Sample Chromatogram



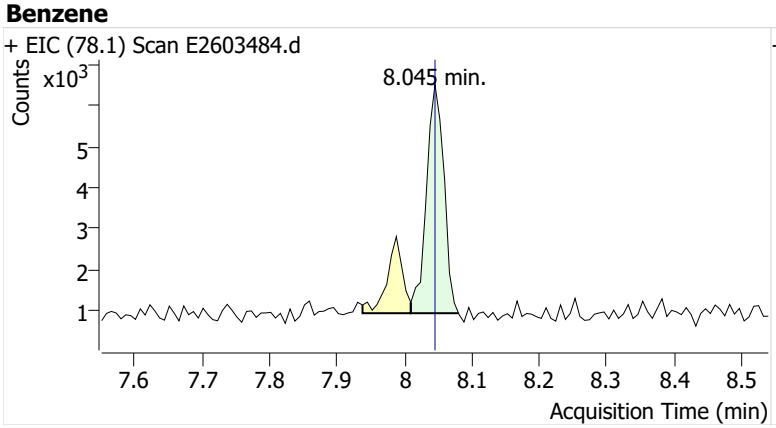
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	422,550	
Benzene	benzene-d6 (IS)	8.045	8.045	10,053	
Toluene-d8 (IS)		10.688	10.688	438,560	
Toluene	Toluene-d8 (IS)	10.781	10.781	6,586	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	1,120	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	1,133	
o-Xylene	Toluene-d8 (IS)	13.647	13.654	720	

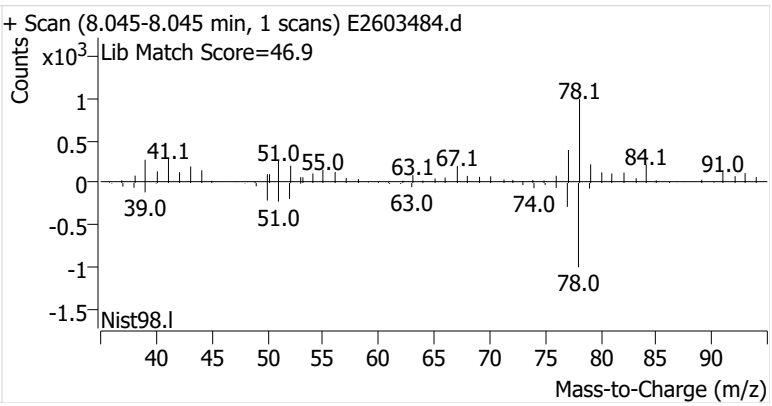
benzene-d6 (IS)



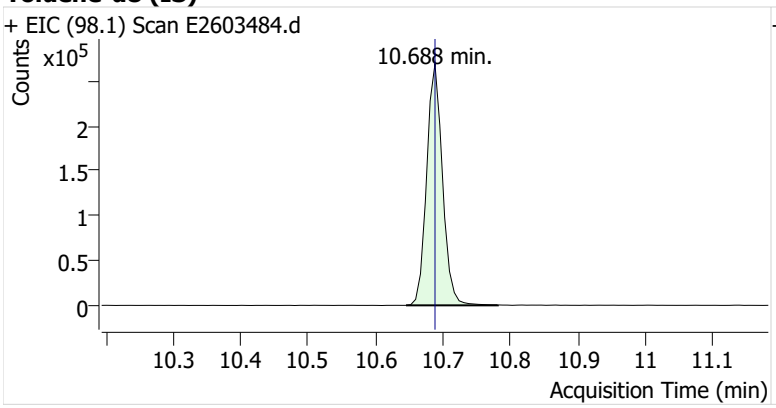


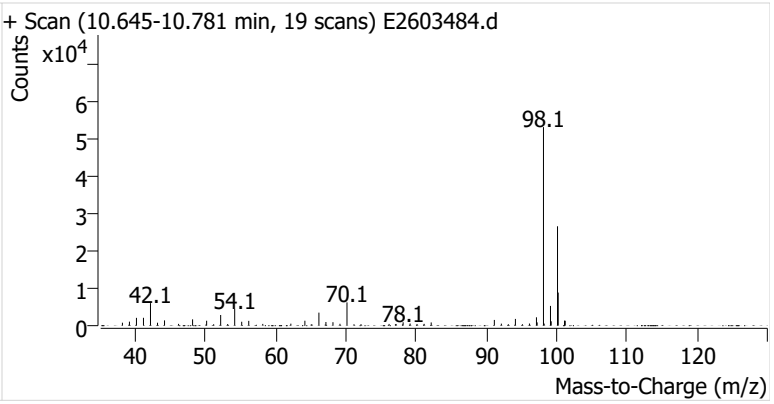
Benzene



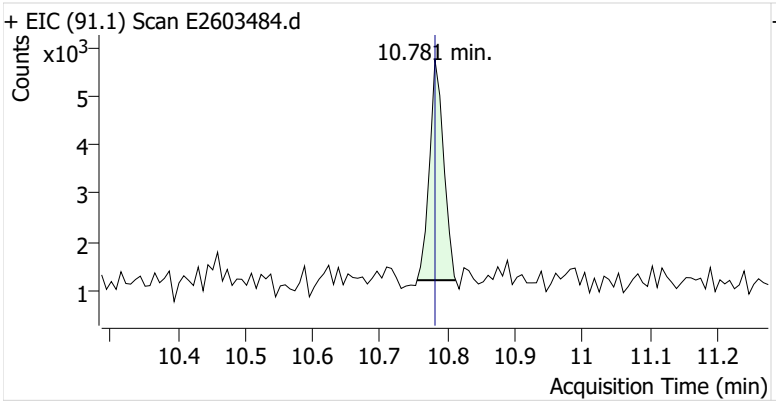


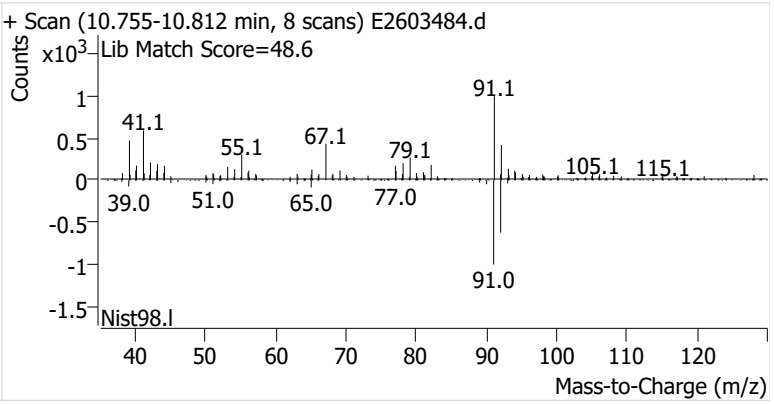
Toluene-d8 (IS)



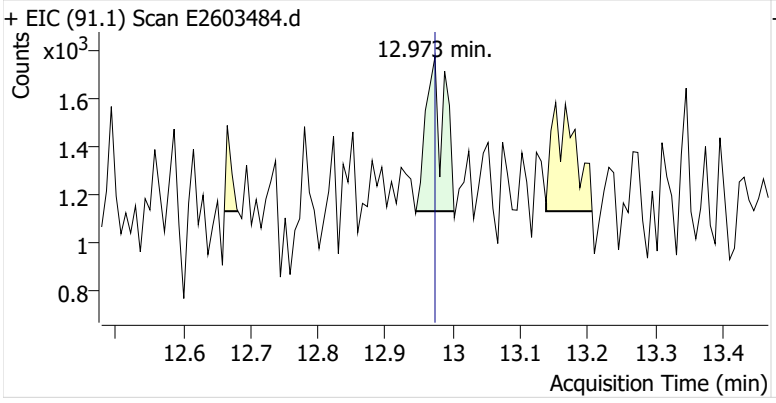


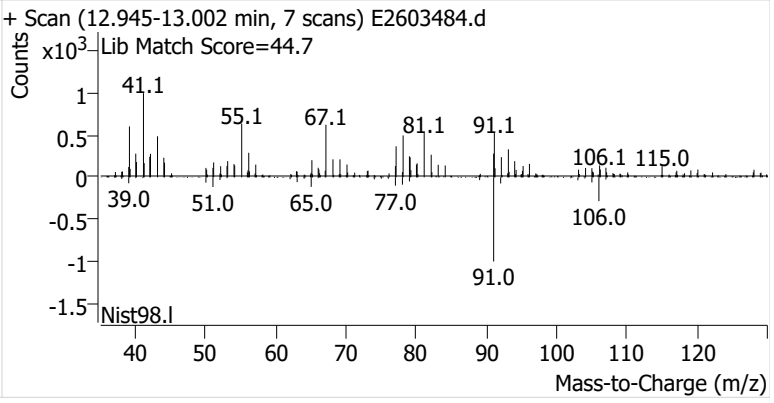
Toluene



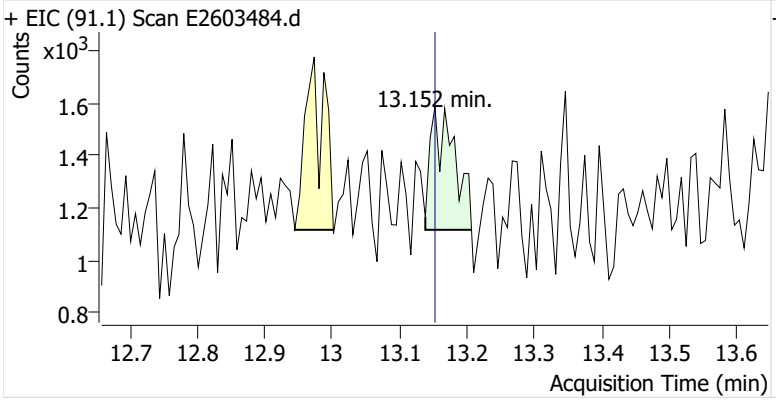


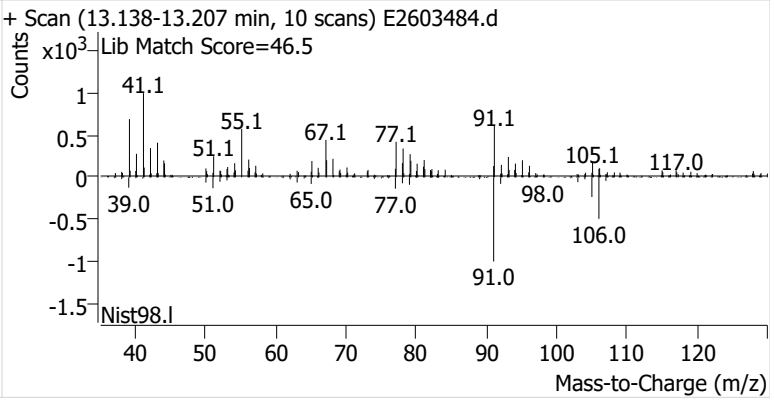
Ethylbenzene



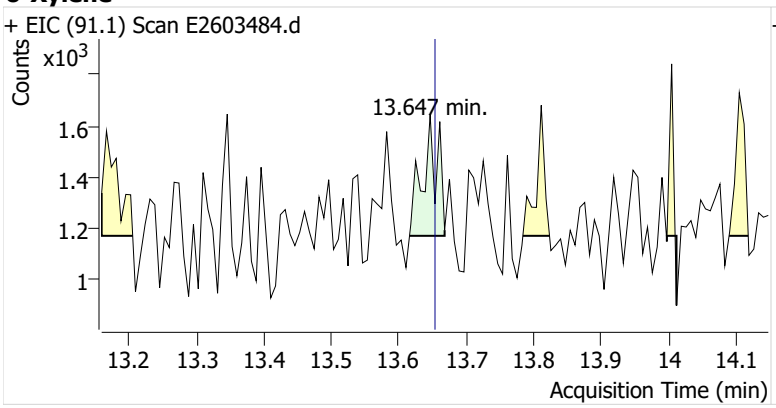


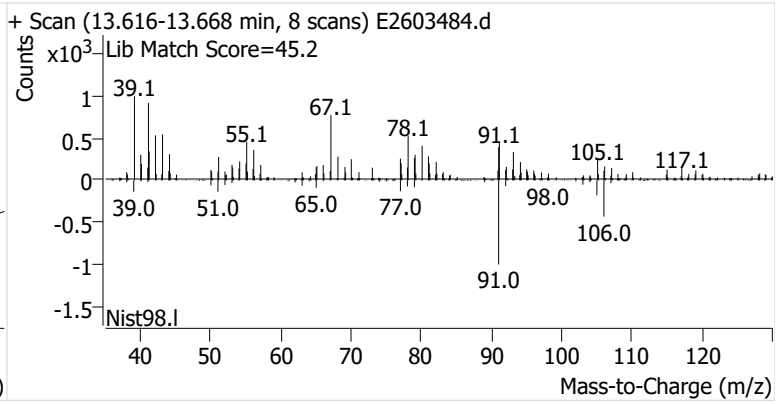
m-/p-Xylenes





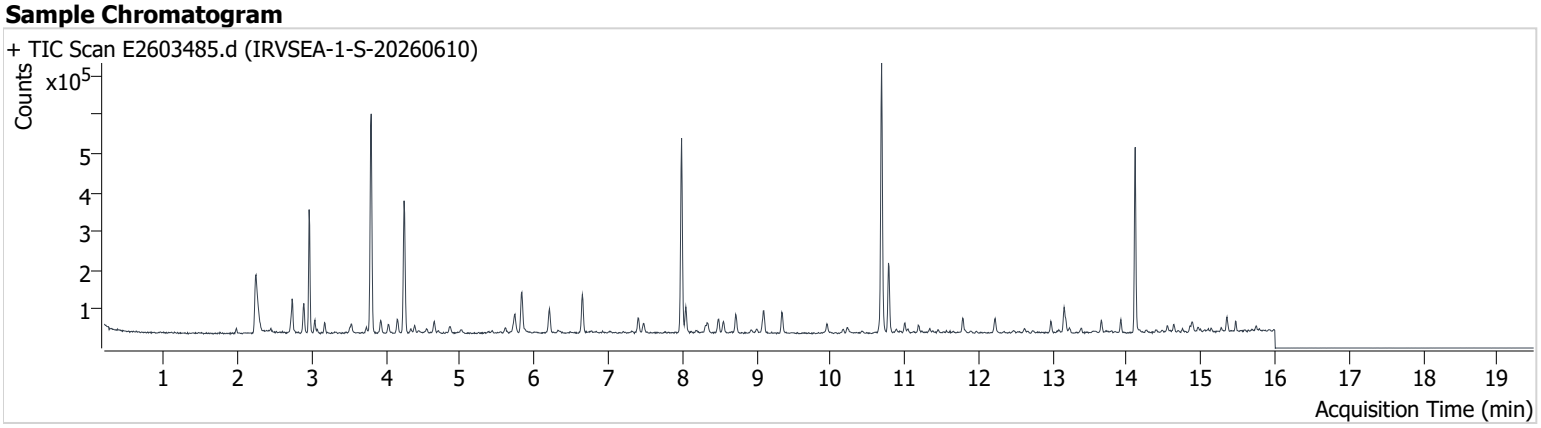
o-Xylene


+ EIC (91.1) Scan E2603484.d
Counts
x10^3
13.647 min.
1.6
1.4
1.2
1
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.616-13.668 min, 8 scans) E2603484.d
Counts
x10^3
Lib Match Score=45.2
39.1
67.1
55.1
78.1
91.1
105.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
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0
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-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

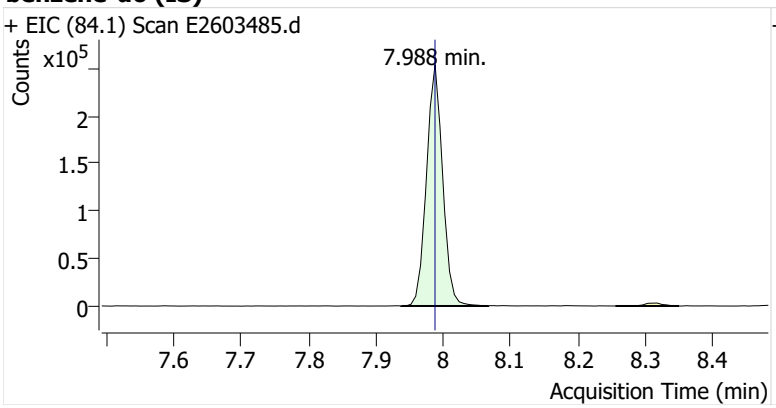
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Comment	C70033
Data File	E2603485.d
Acq. Date-Time	6/25/2026 3:16:27 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

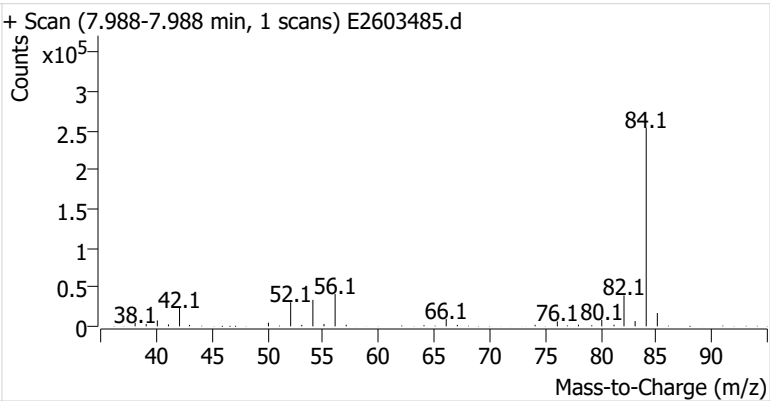
Sample Chromatogram



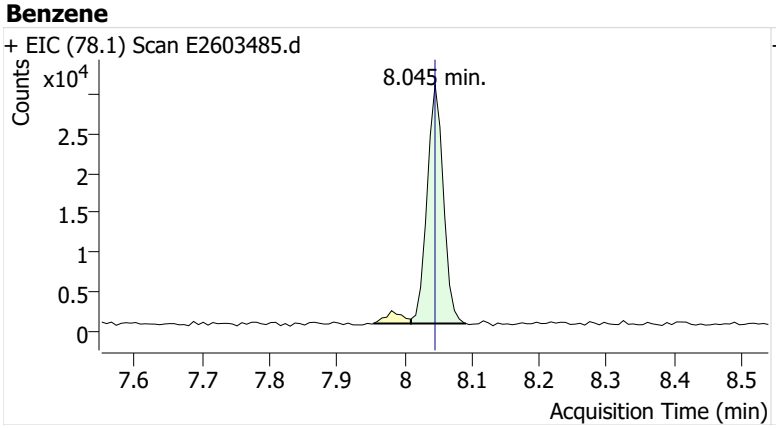
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	421,569	
Benzene	benzene-d6 (IS)	8.045	8.045	50,992	
Toluene-d8 (IS)		10.688	10.688	434,507	
Toluene	Toluene-d8 (IS)	10.782	10.781	114,012	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	19,019	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	50,756	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	18,034	

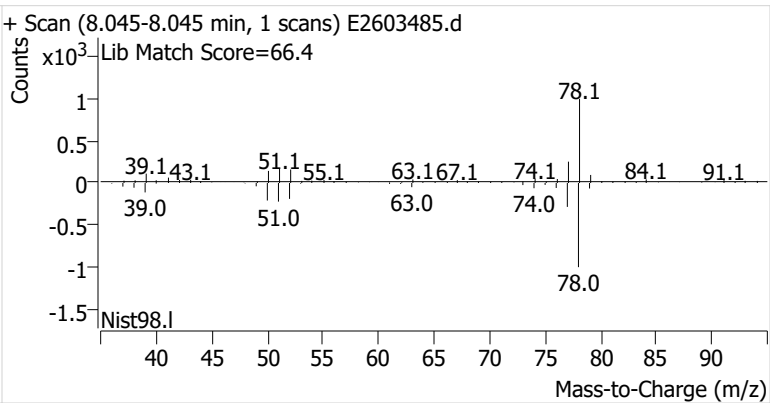
benzene-d6 (IS)



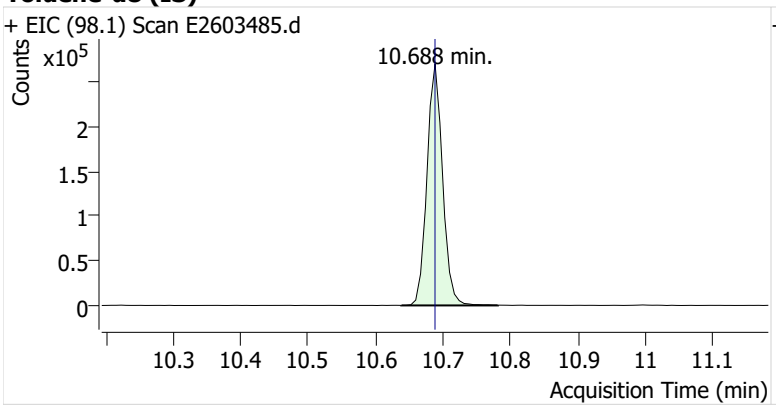


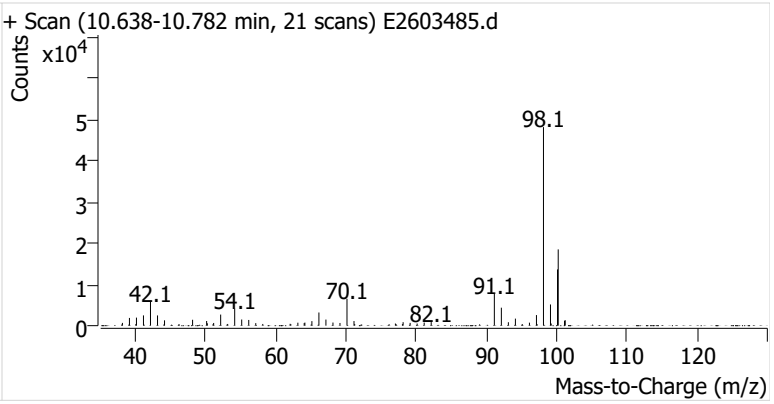
Benzene



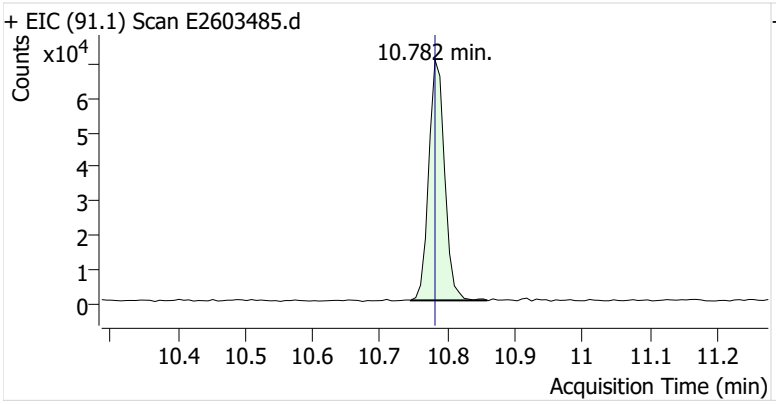


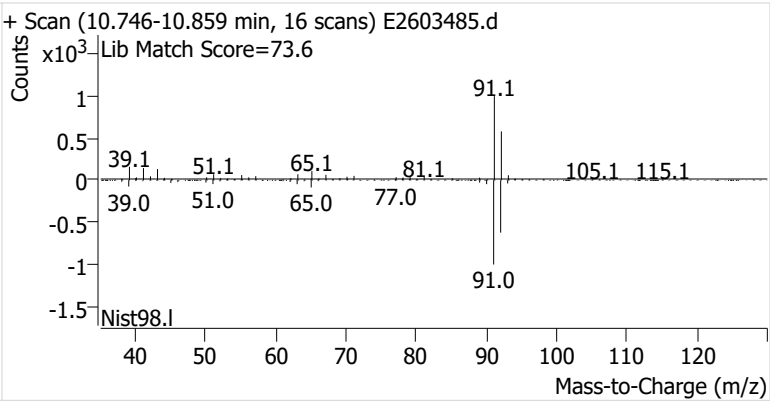
Toluene-d8 (IS)



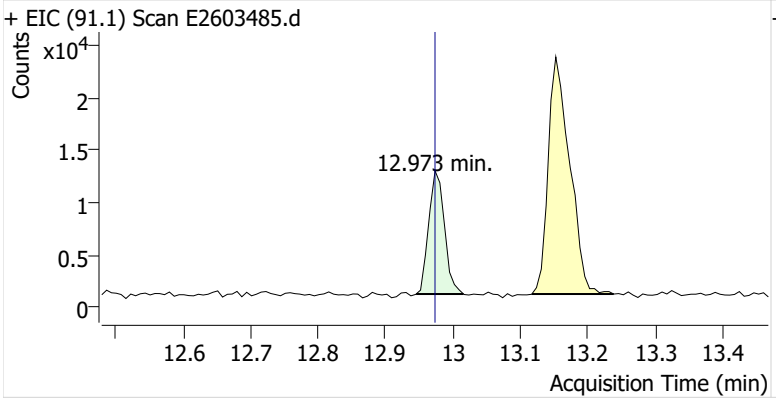


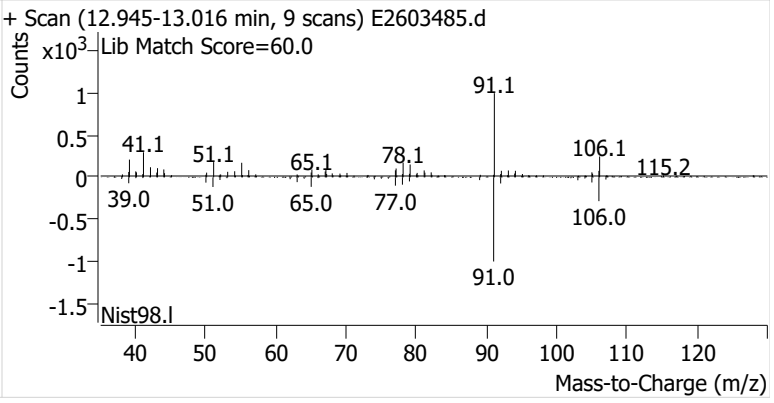
Toluene



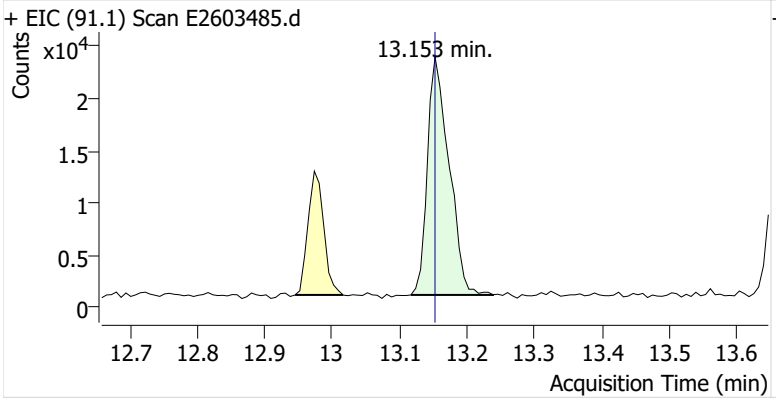


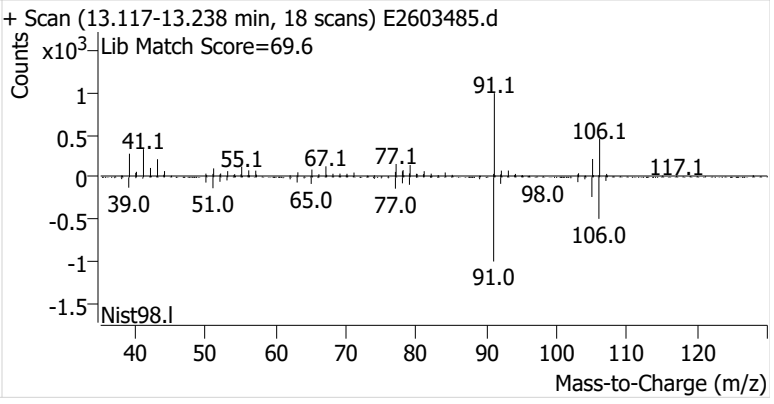
Ethylbenzene



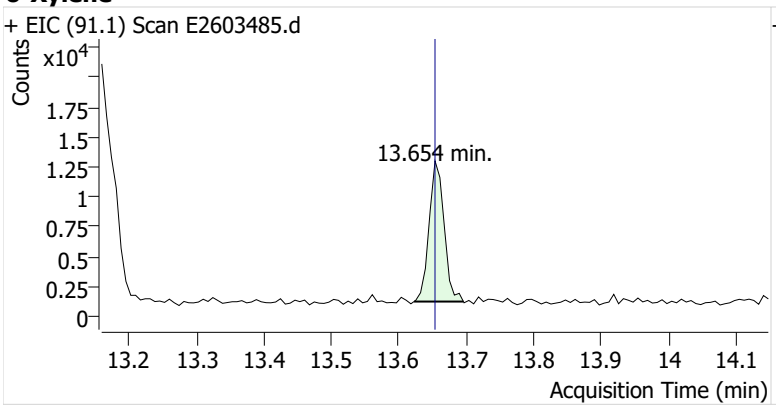


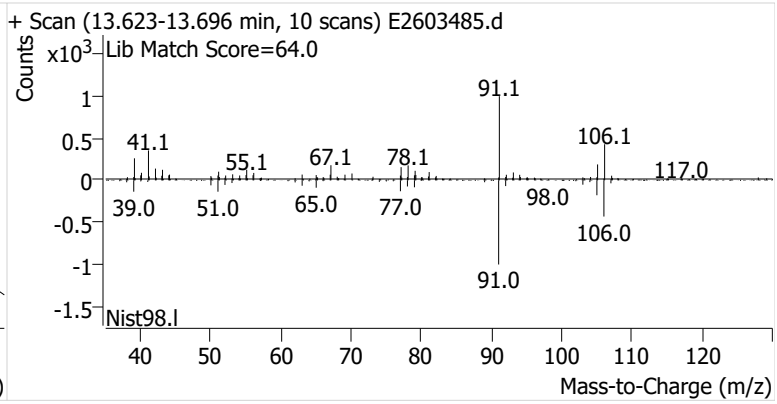
m-/p-Xylenes





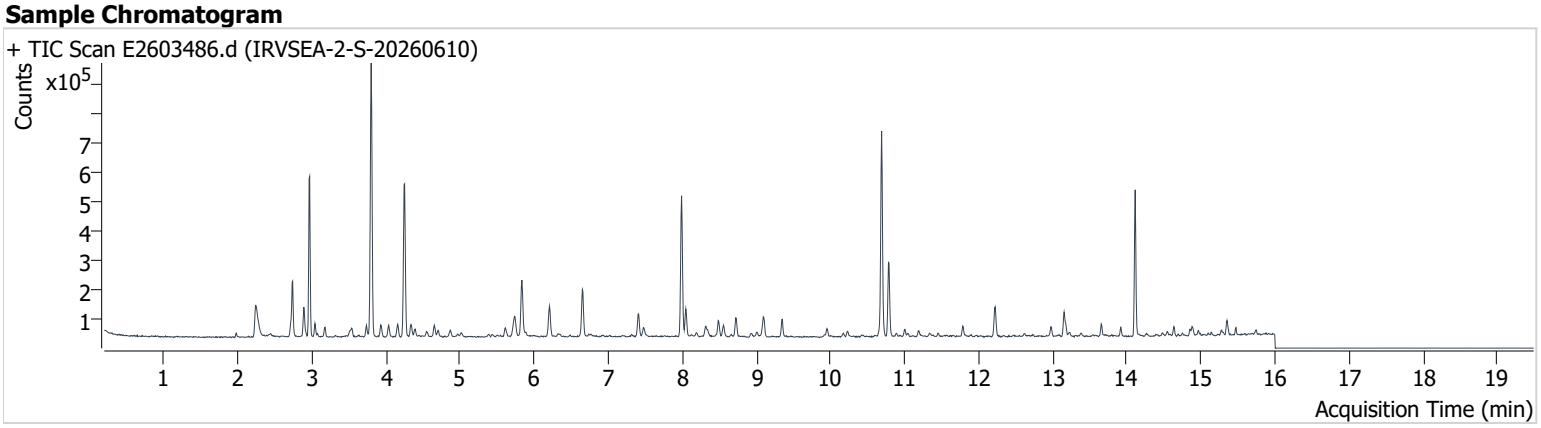
o-Xylene


+ EIC (91.1) Scan E2603485.d
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.623-13.696 min, 10 scans) E2603485.d
Counts
x10^3
Lib Match Score=64.0
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
78.1
106.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

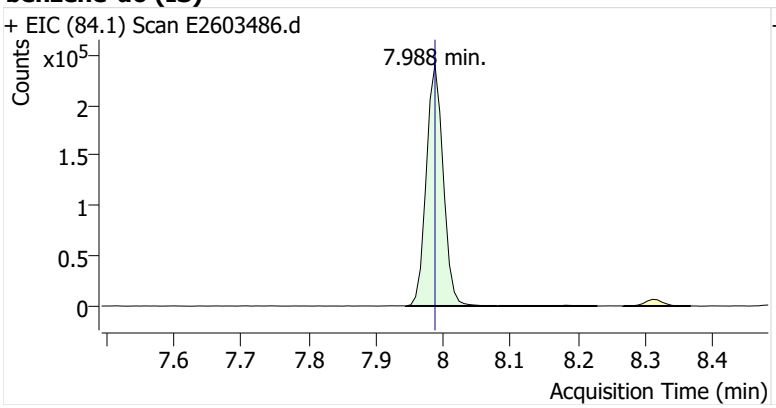
Name	IRVSEA-2-S-20260610
Comment	C69499
Data File	E2603486.d
Acq. Date-Time	6/25/2026 3:42:51 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

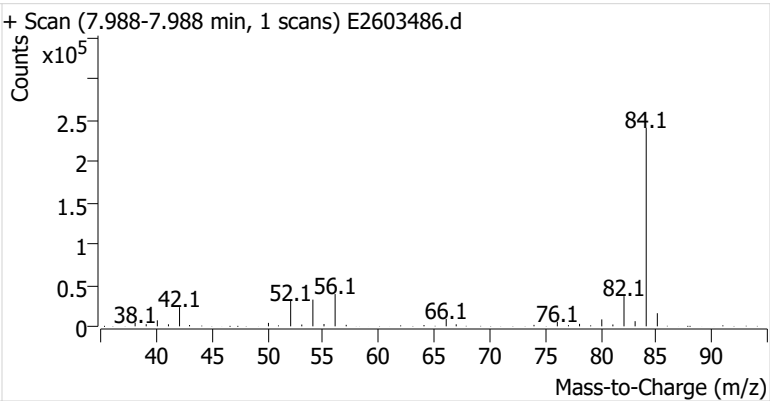
Sample Chromatogram



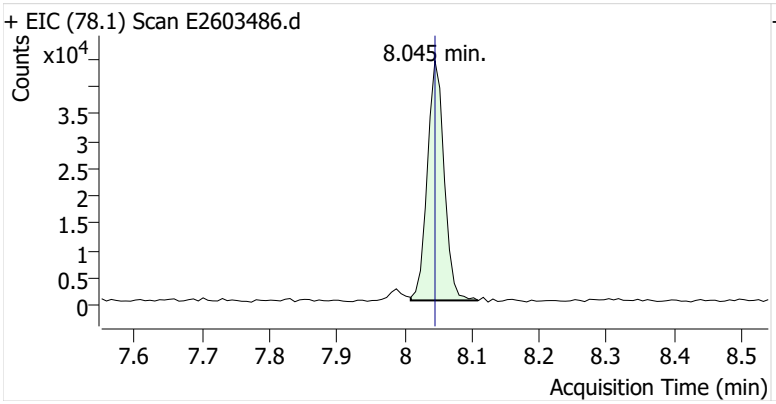
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	418,729	
Benzene	benzene-d6 (IS)	8.045	8.045	76,112	
Toluene-d8 (IS)		10.688	10.688	438,044	
Toluene	Toluene-d8 (IS)	10.781	10.781	170,498	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	22,506	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	60,571	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	21,448	

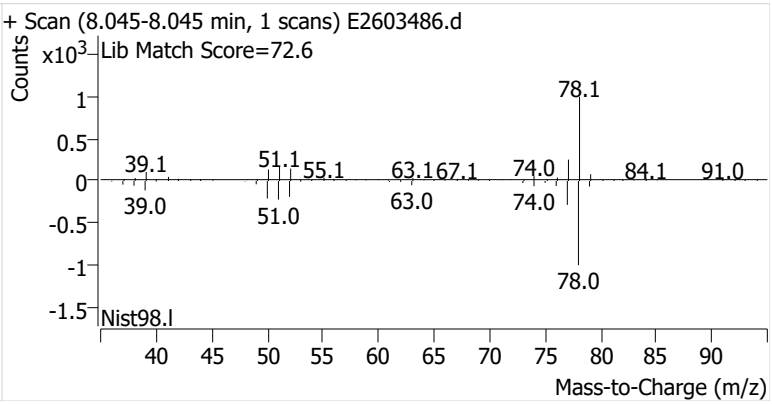
benzene-d6 (IS)



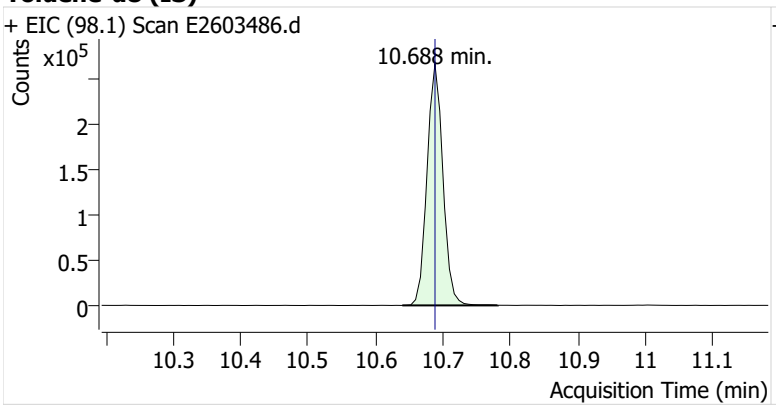


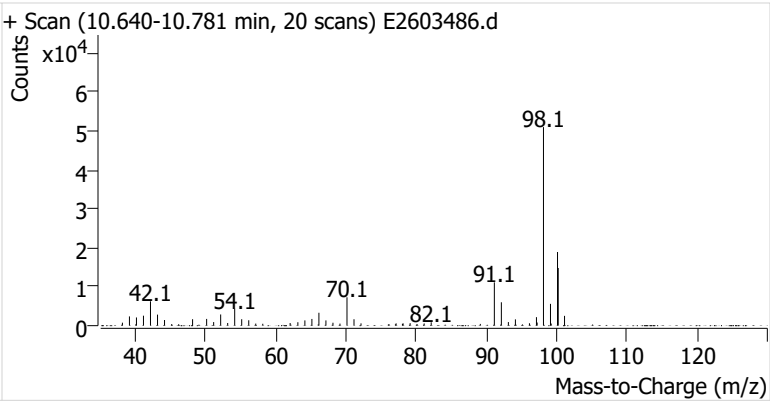
Benzene



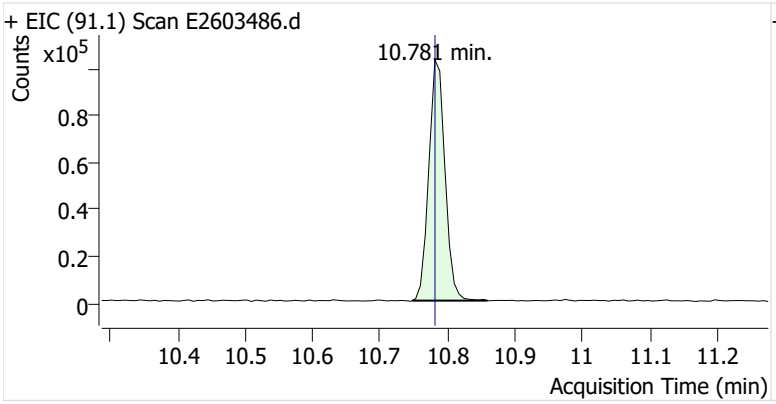


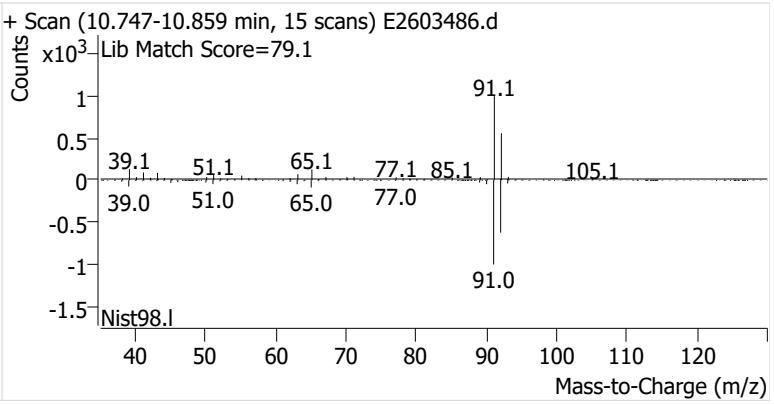
Toluene-d8 (IS)



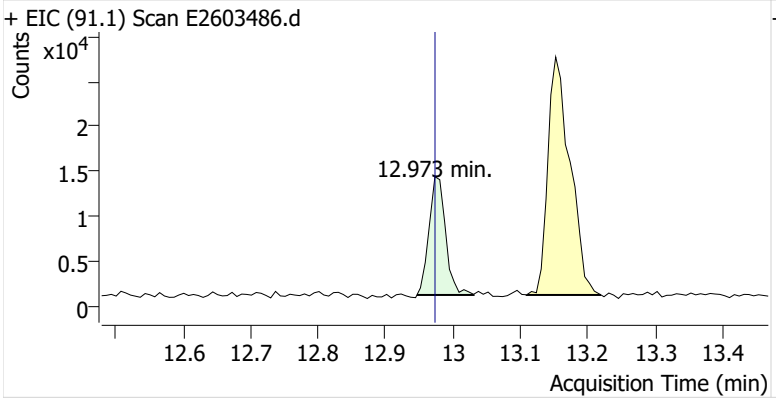


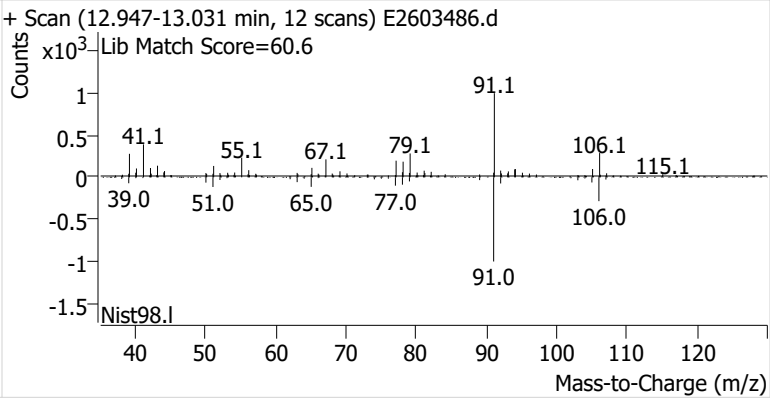
Toluene



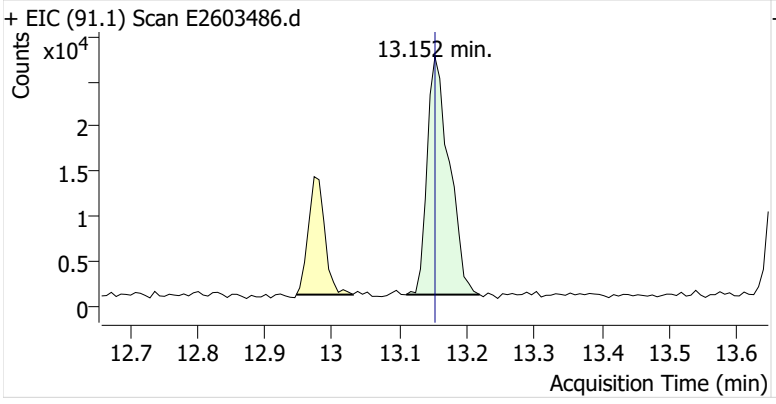


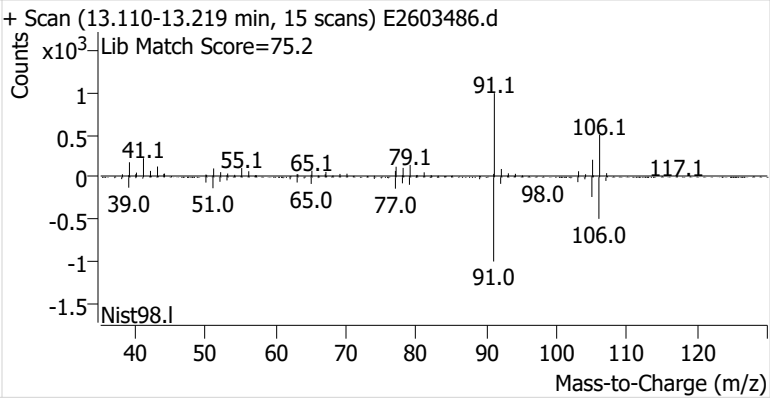
Ethylbenzene



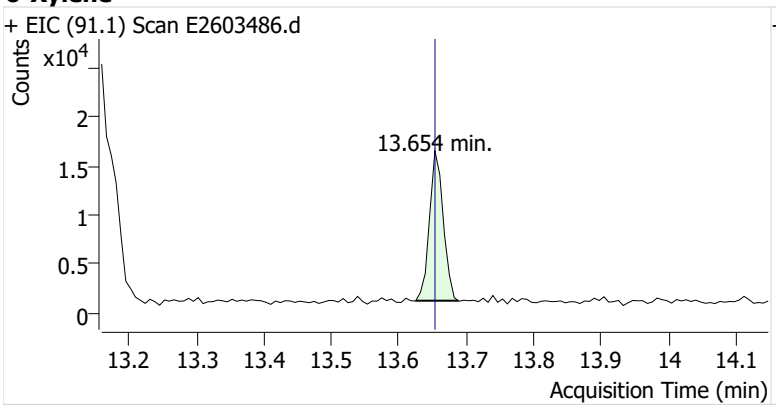


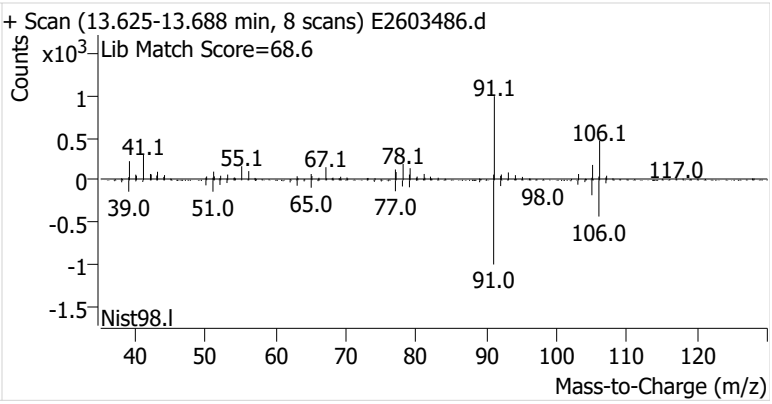
m-/p-Xylenes





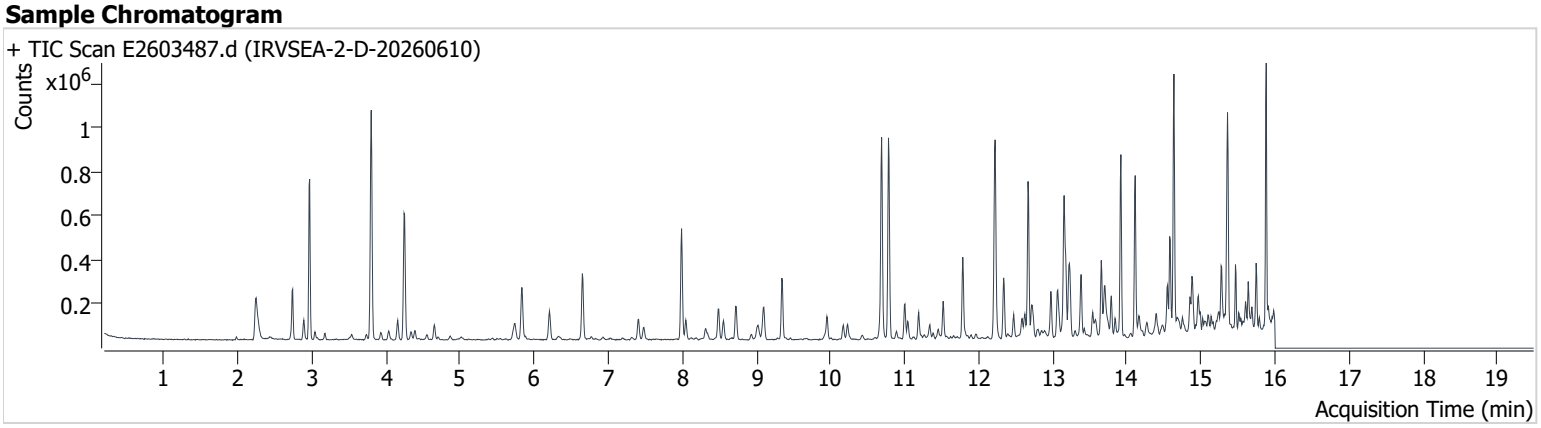
o-Xylene


+ EIC (91.1) Scan E2603486.d
Counts
x10^4
2
1.5
1
0.5
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.688 min, 8 scans) E2603486.d
Lib Match Score=68.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
78.1
117.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

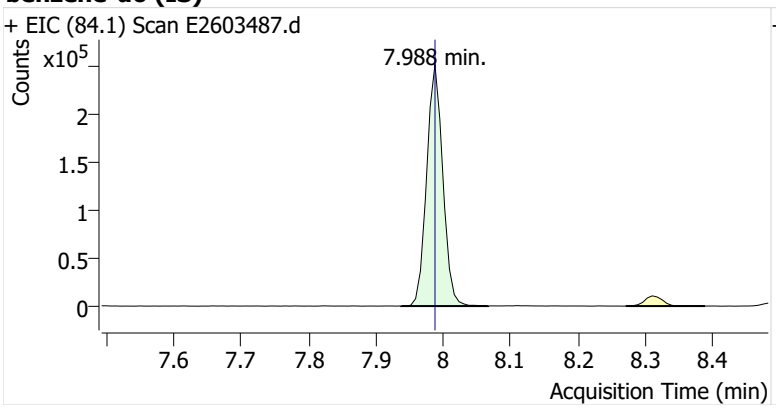
Name	IRVSEA-2-D-20260610
Comment	C55746
Data File	E2603487.d
Acq. Date-Time	6/25/2026 4:09:14 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

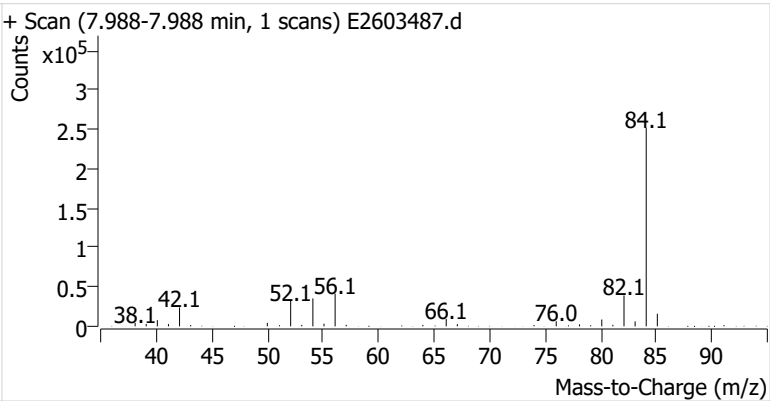
Sample Chromatogram



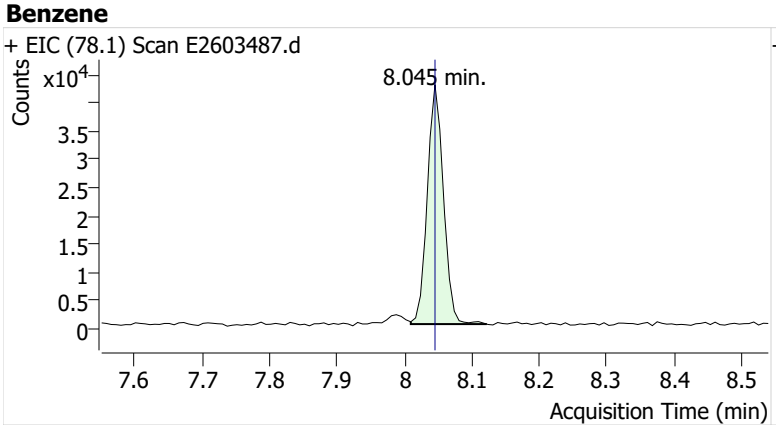
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	418,286	
Benzene	benzene-d6 (IS)	8.045	8.045	70,567	
Toluene-d8 (IS)		10.688	10.688	571,231	
Toluene	Toluene-d8 (IS)	10.781	10.781	604,820	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	115,769	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	487,178	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	164,206	

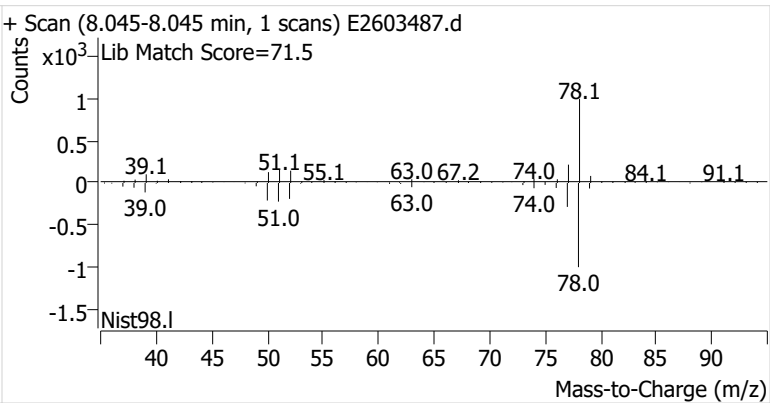
benzene-d6 (IS)



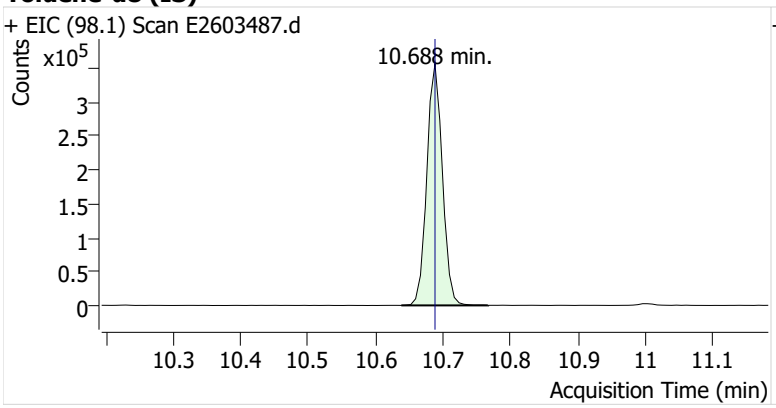


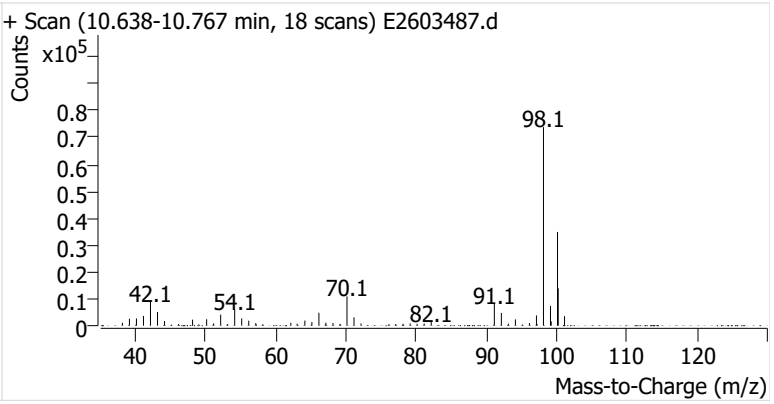
Benzene



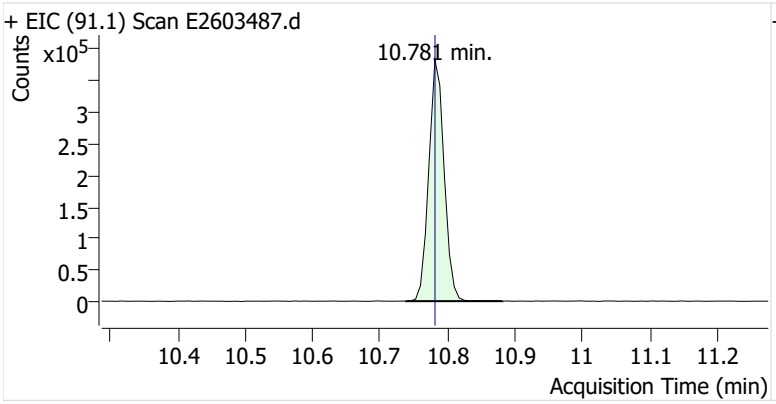


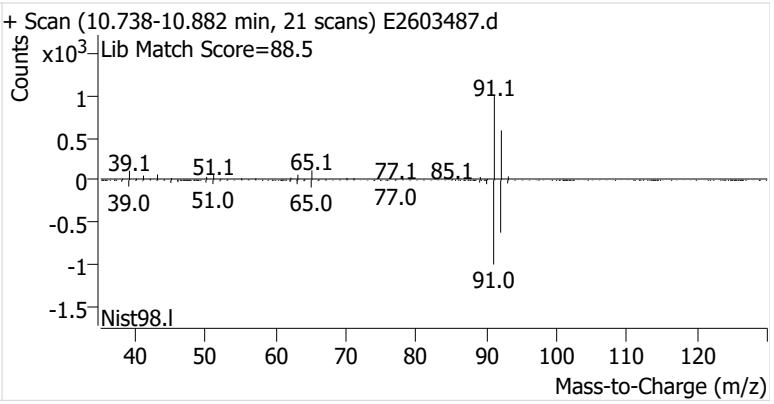
Toluene-d8 (IS)



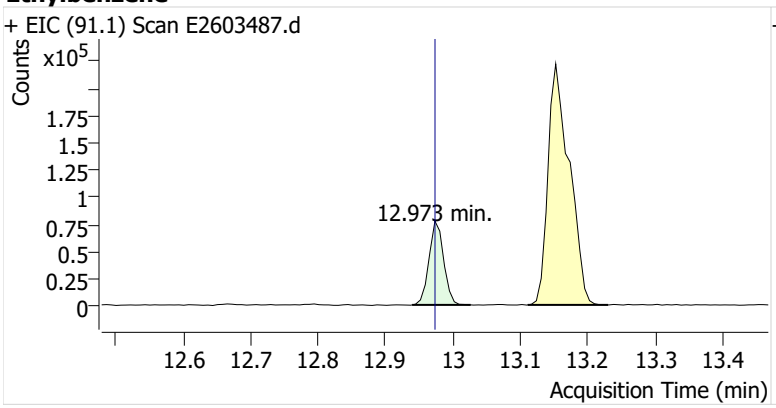


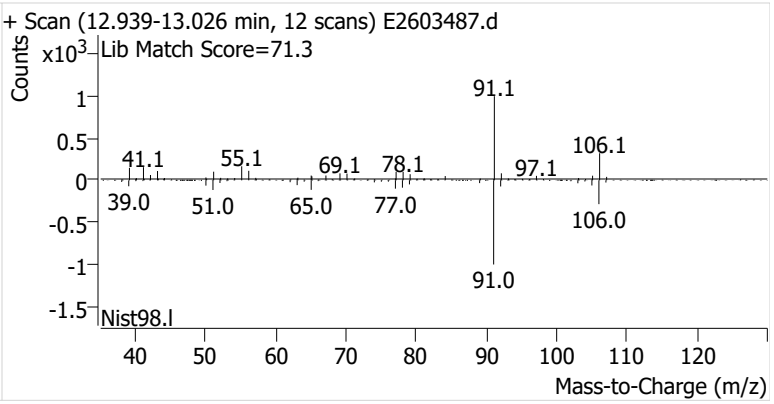
Toluene



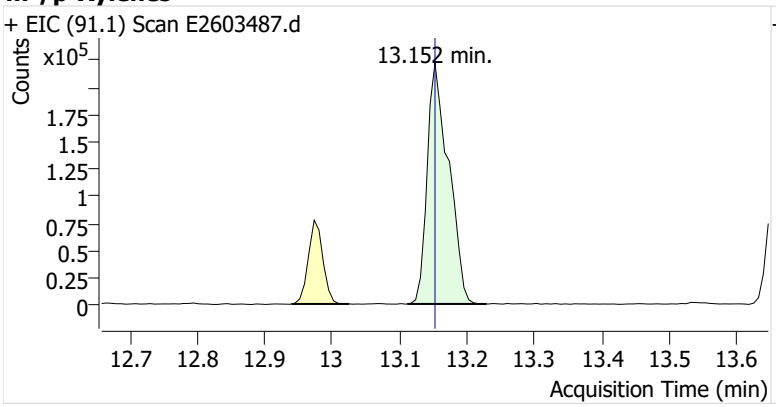


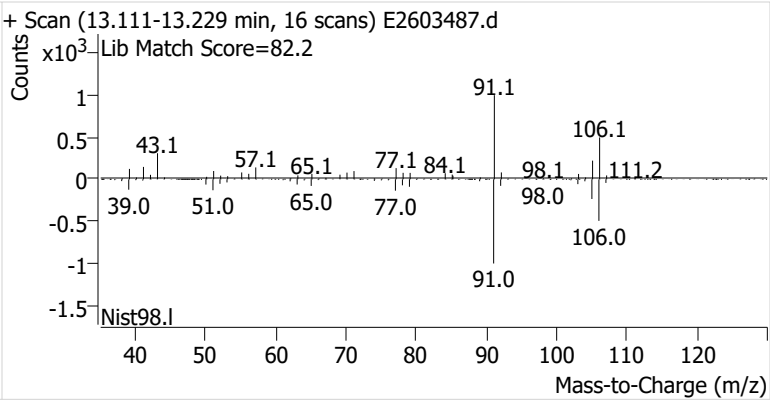
Ethylbenzene



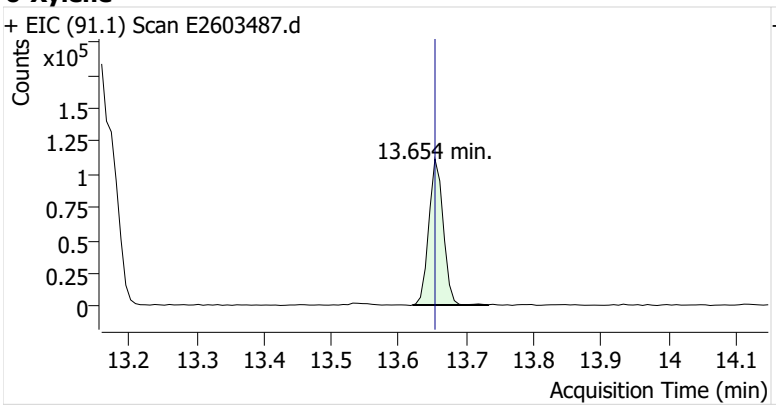


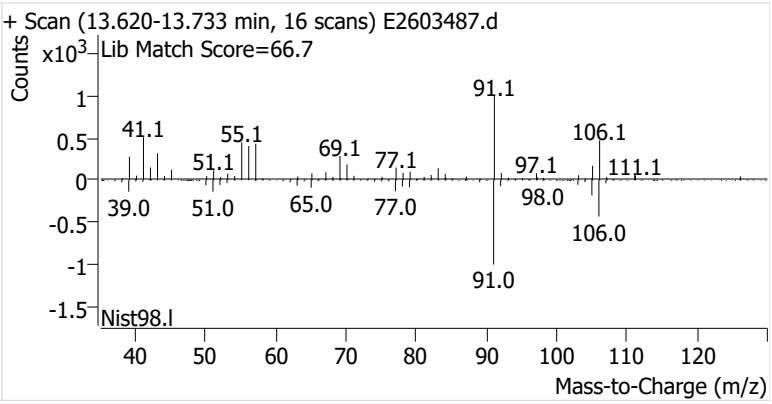
m-/p-Xylenes





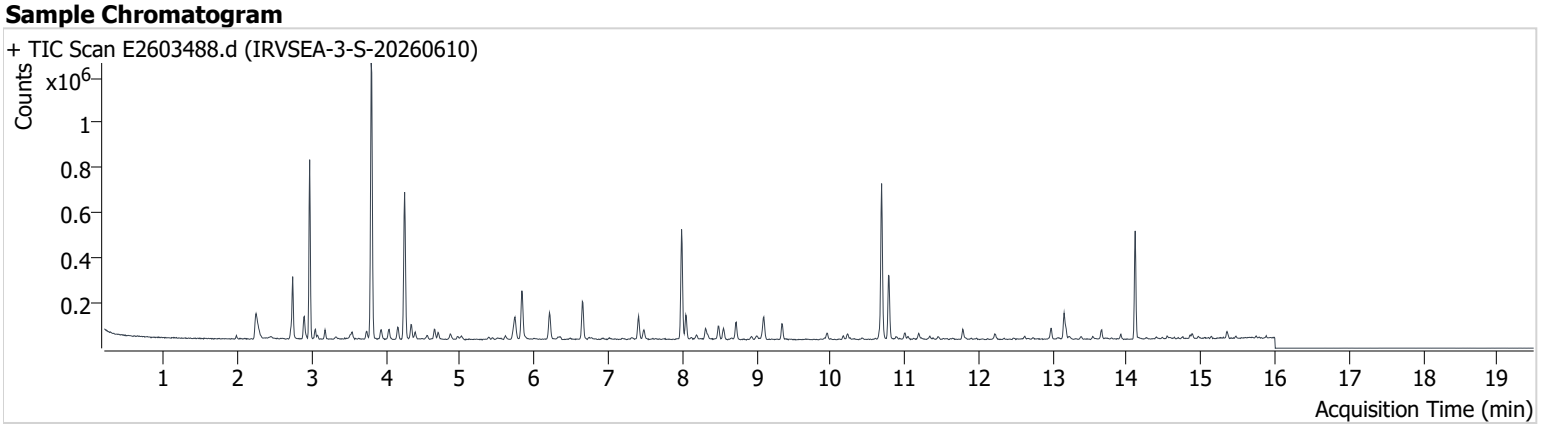
o-Xylene


+ EIC (91.1) Scan E2603487.d
Counts
x10^5
1.5
1.25
1
0.75
0.5
0.25
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.620-13.733 min, 16 scans) E2603487.d
Lib Match Score=66.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
106.1
51.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

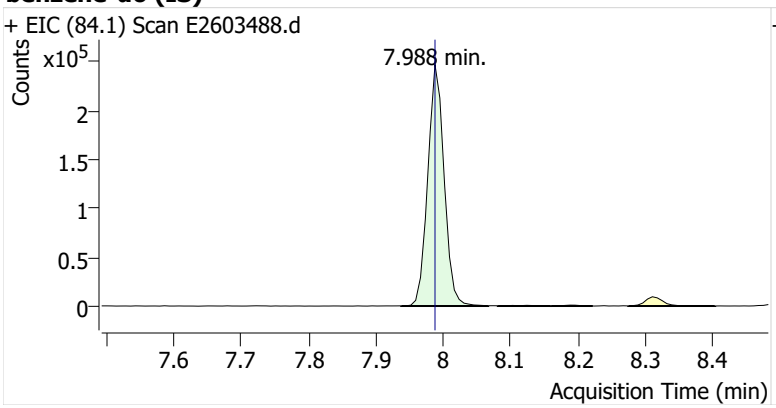
Name	IRVSEA-3-S-20260610
Comment	C71579
Data File	E2603488.d
Acq. Date-Time	6/25/2026 4:35:34 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

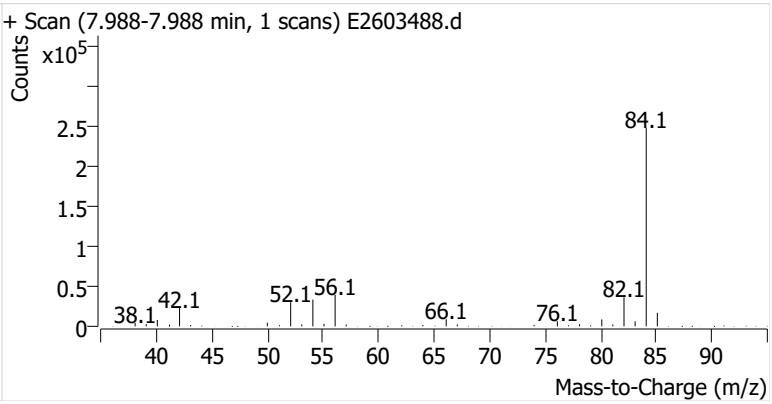
Sample Chromatogram



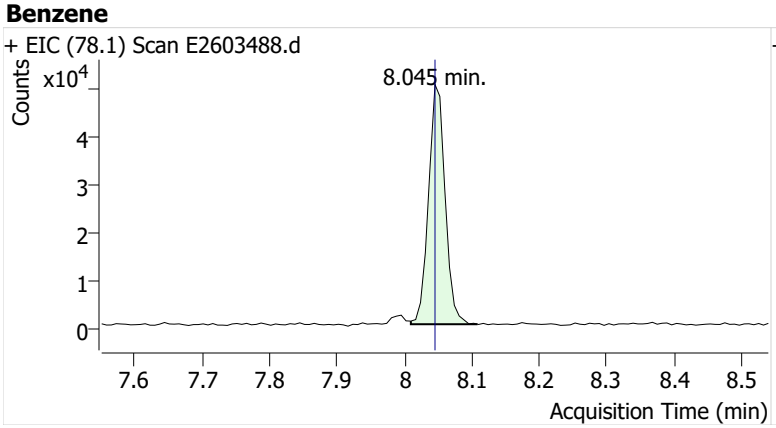
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	415,490	
Benzene	benzene-d6 (IS)	8.045	8.045	85,390	
Toluene-d8 (IS)		10.688	10.688	430,452	
Toluene	Toluene-d8 (IS)	10.781	10.781	182,586	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	31,130	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	85,895	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	24,092	

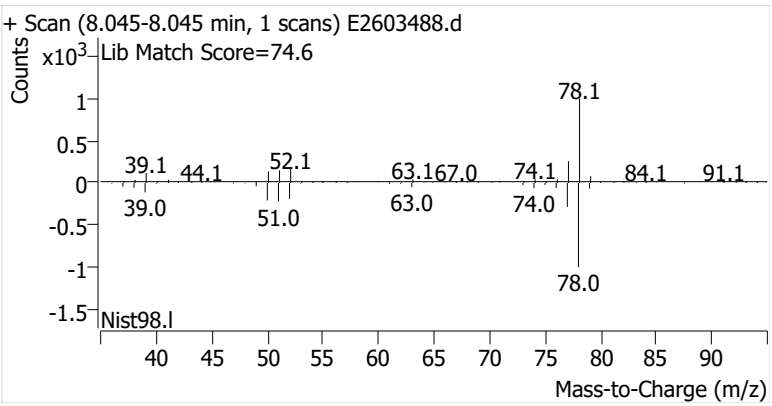
benzene-d6 (IS)



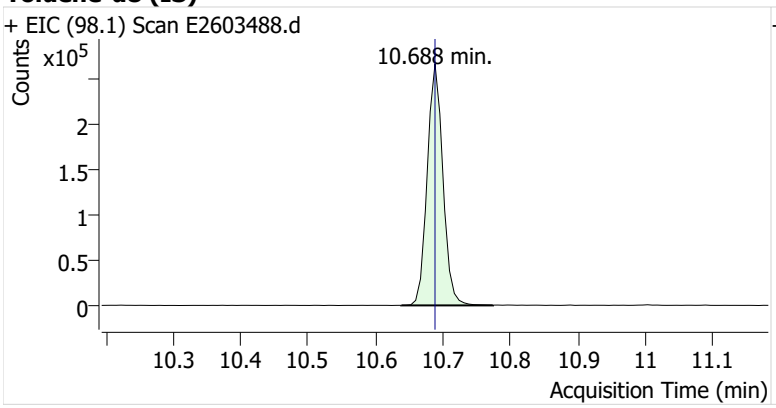


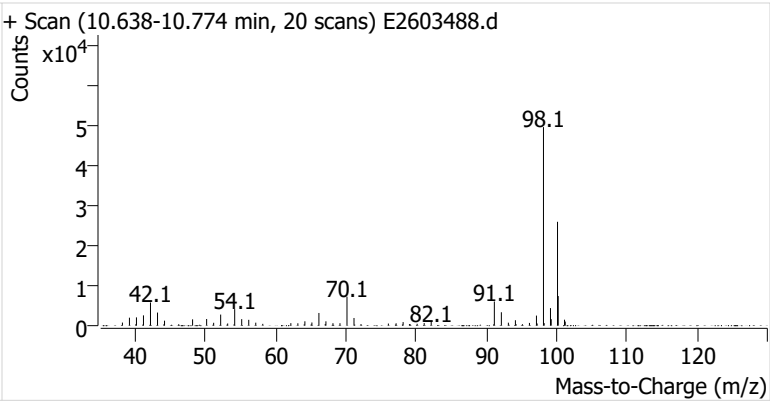
Benzene



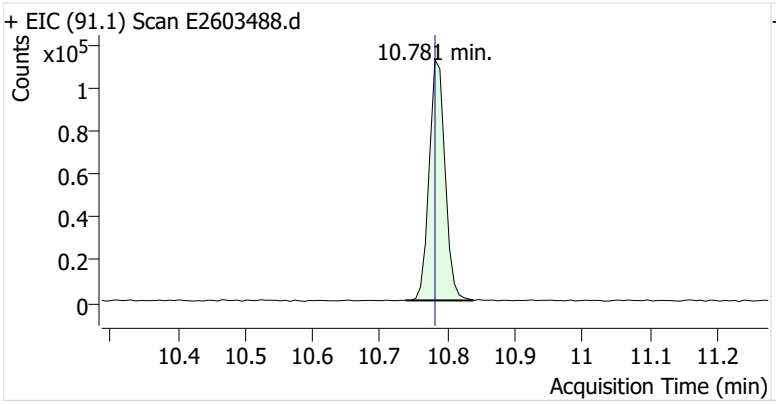


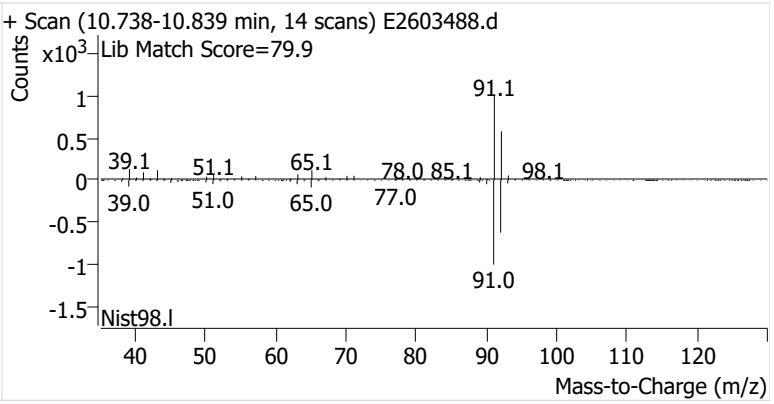
Toluene-d8 (IS)



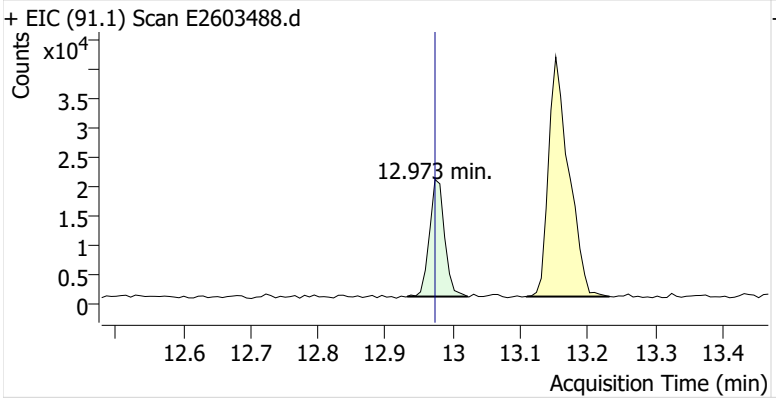


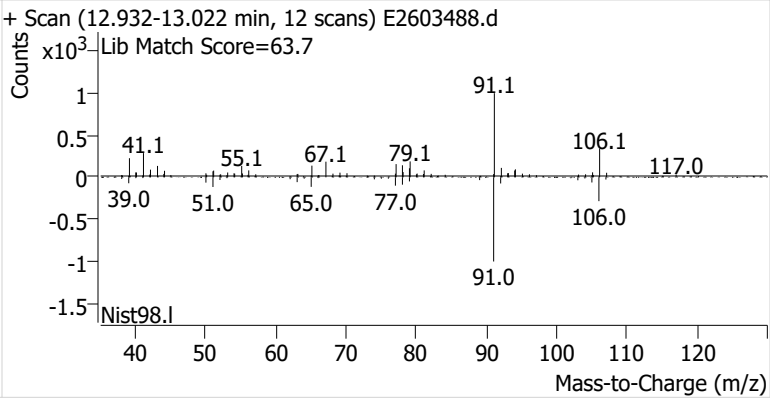
Toluene



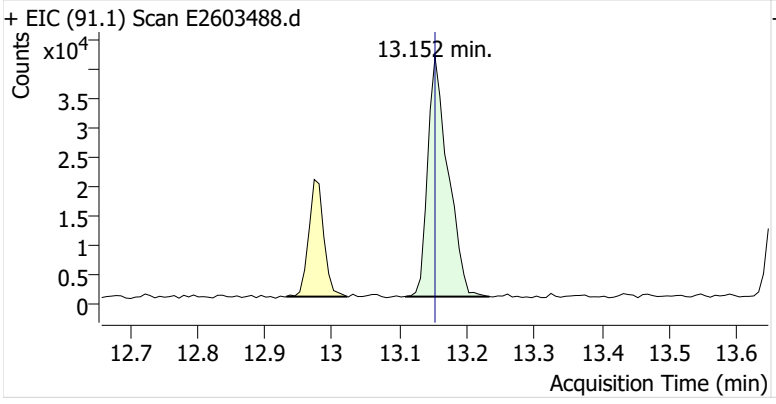


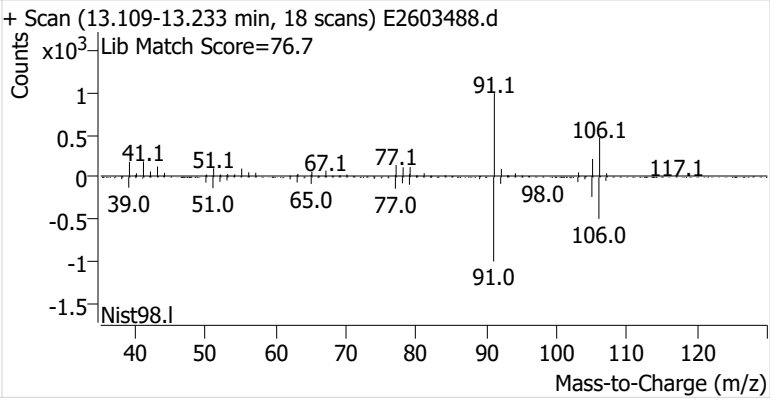
Ethylbenzene



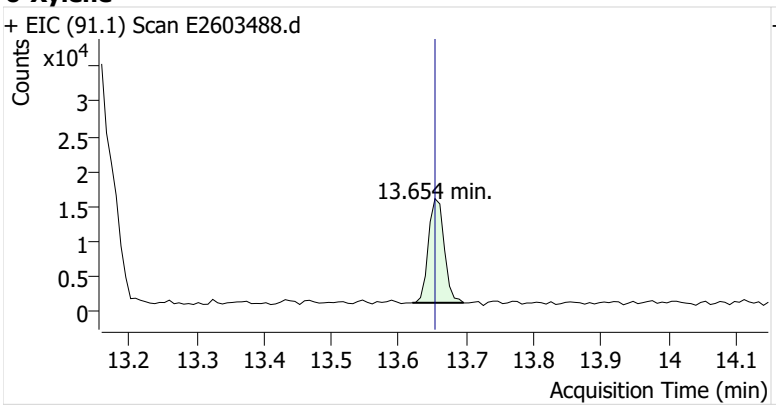


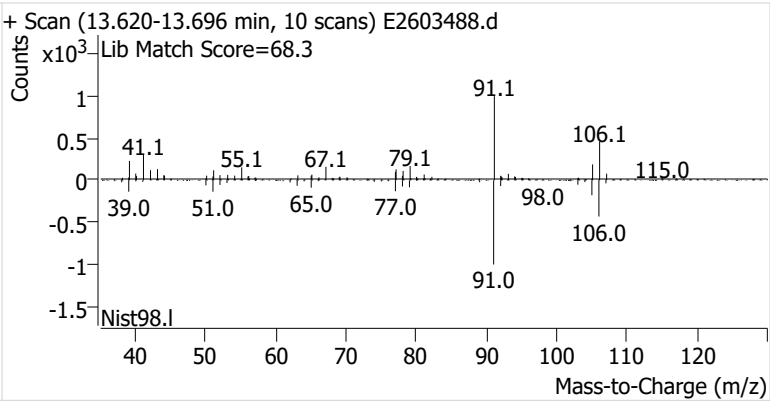
m-/p-Xylenes





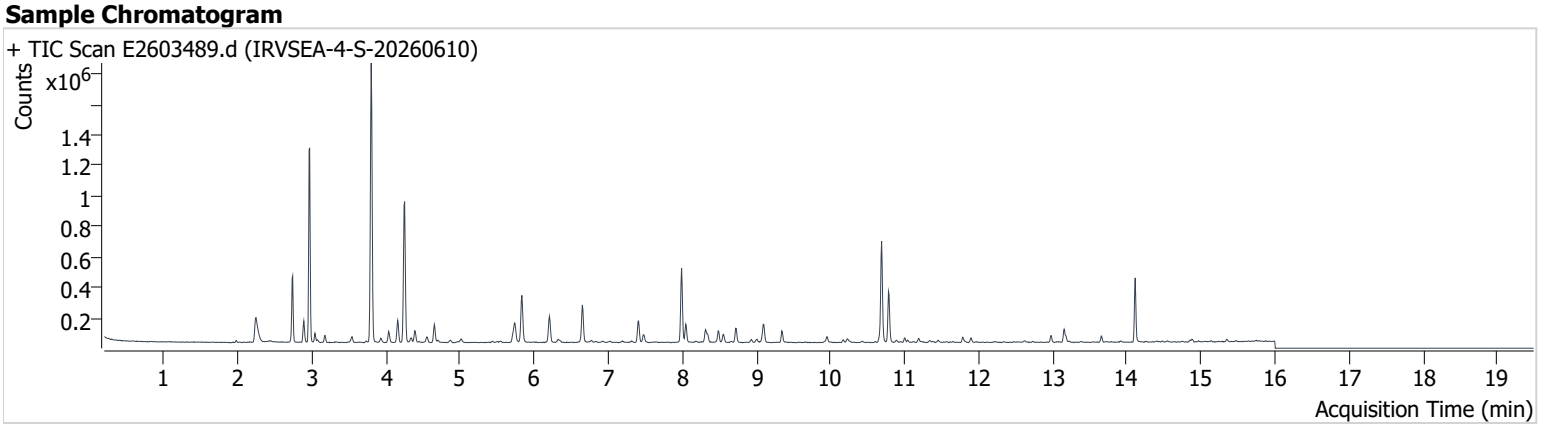
o-Xylene


+ EIC (91.1) Scan E2603488.d
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.620-13.696 min, 10 scans) E2603488.d
Counts
x10^3
Lib Match Score=68.3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
115.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

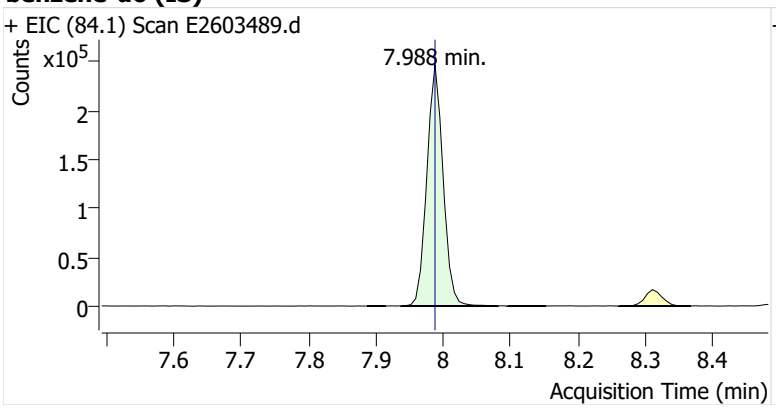
Name	IRVSEA-4-S-20260610
Comment	C55558
Data File	E2603489.d
Acq. Date-Time	6/25/2026 5:01:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

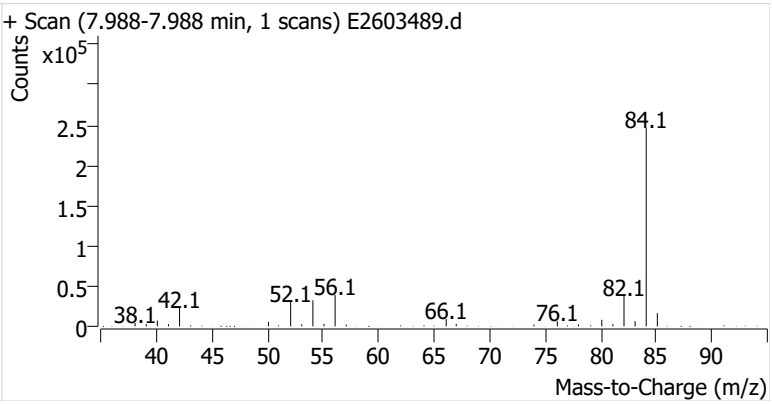
Sample Chromatogram



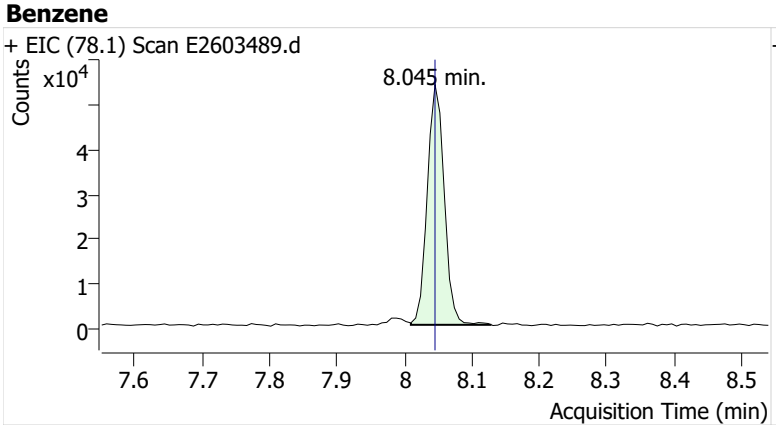
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	411,726	
Benzene	benzene-d6 (IS)	8.045	8.045	94,155	
Toluene-d8 (IS)		10.688	10.688	419,698	
Toluene	Toluene-d8 (IS)	10.781	10.781	214,263	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.973	32,089	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	66,038	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	21,944	

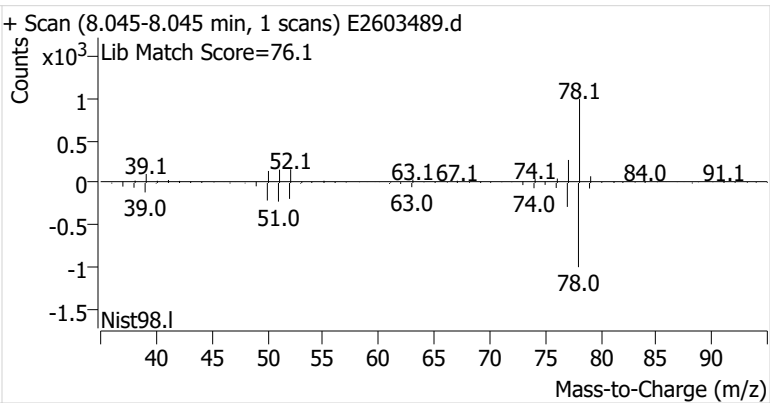
benzene-d6 (IS)



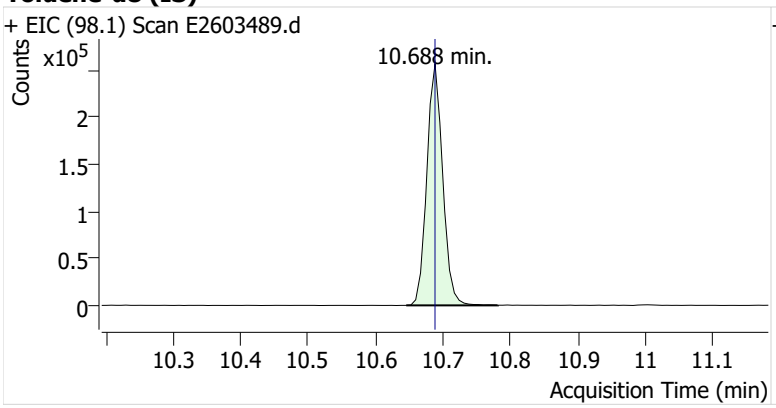


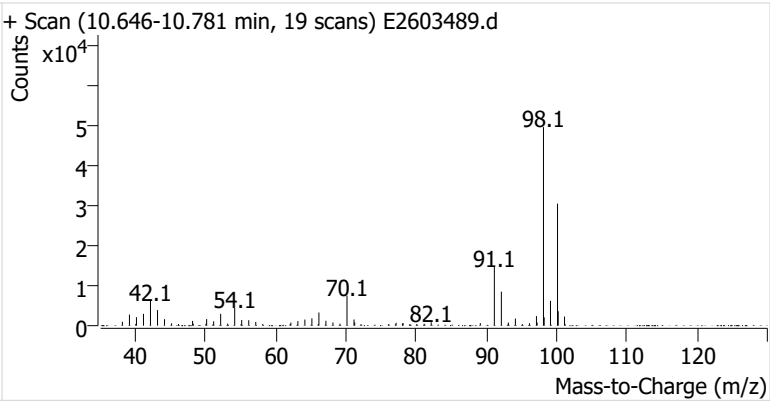
Benzene



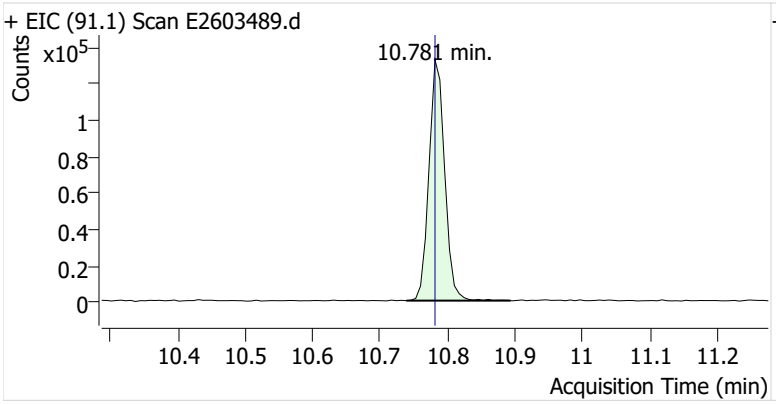


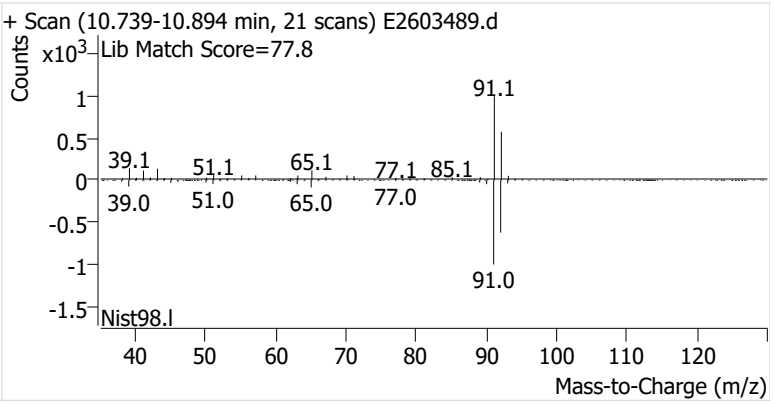
Toluene-d8 (IS)



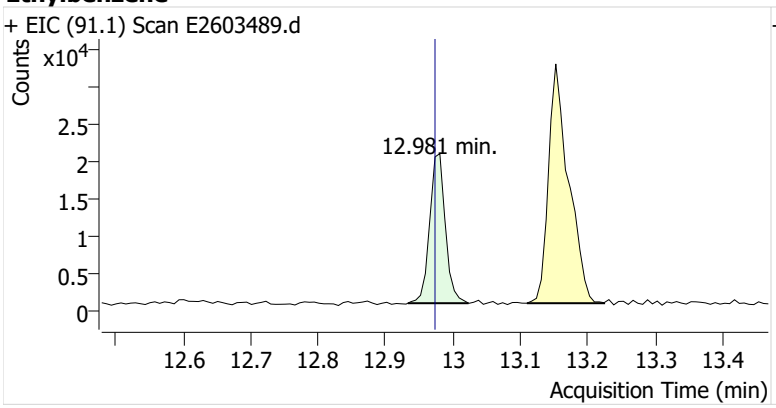


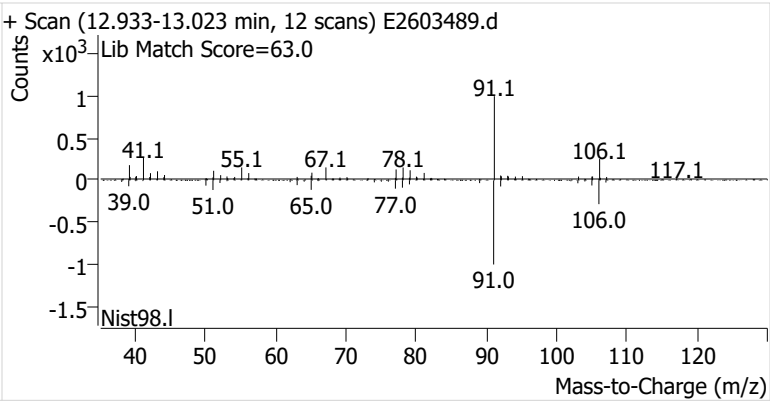
Toluene



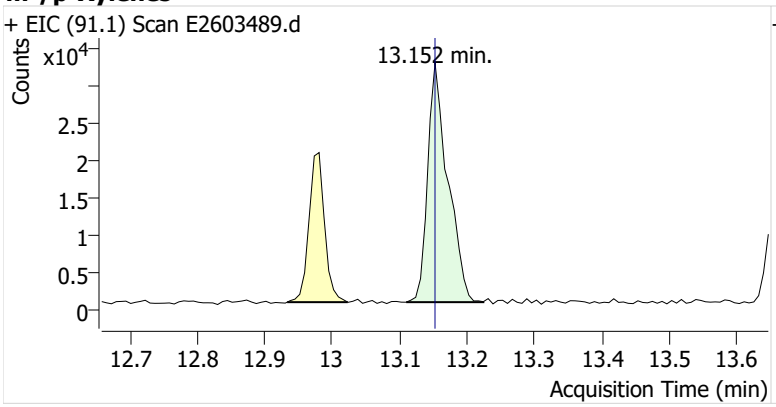


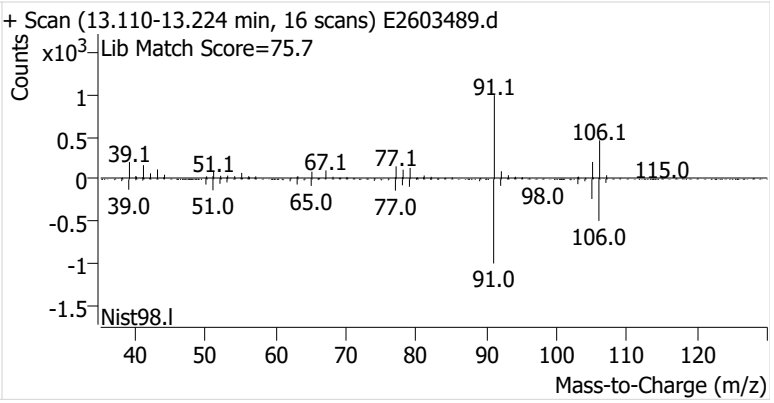
Ethylbenzene



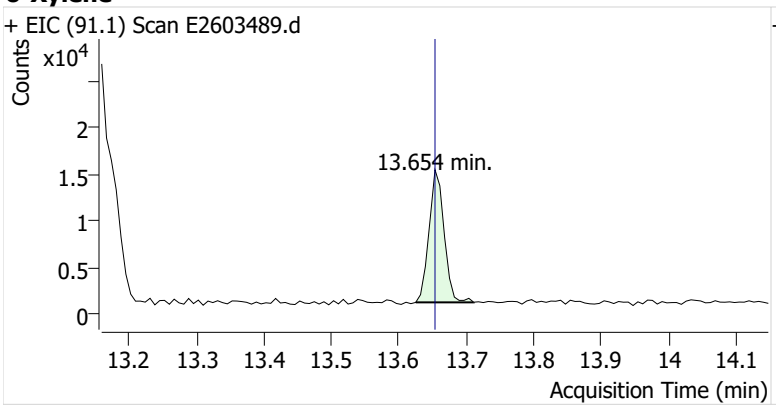


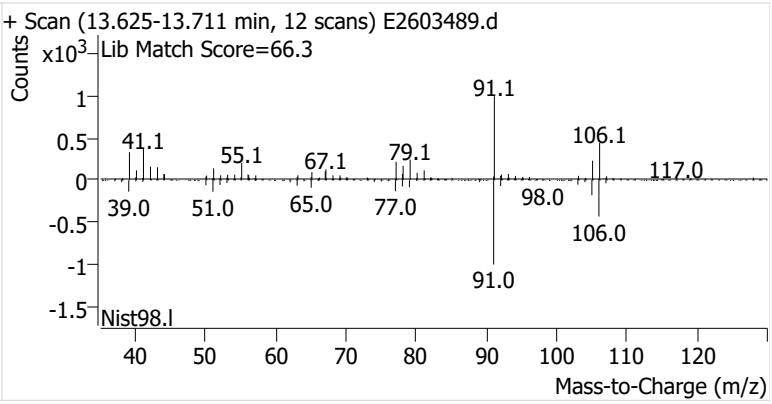
m-/p-Xylenes





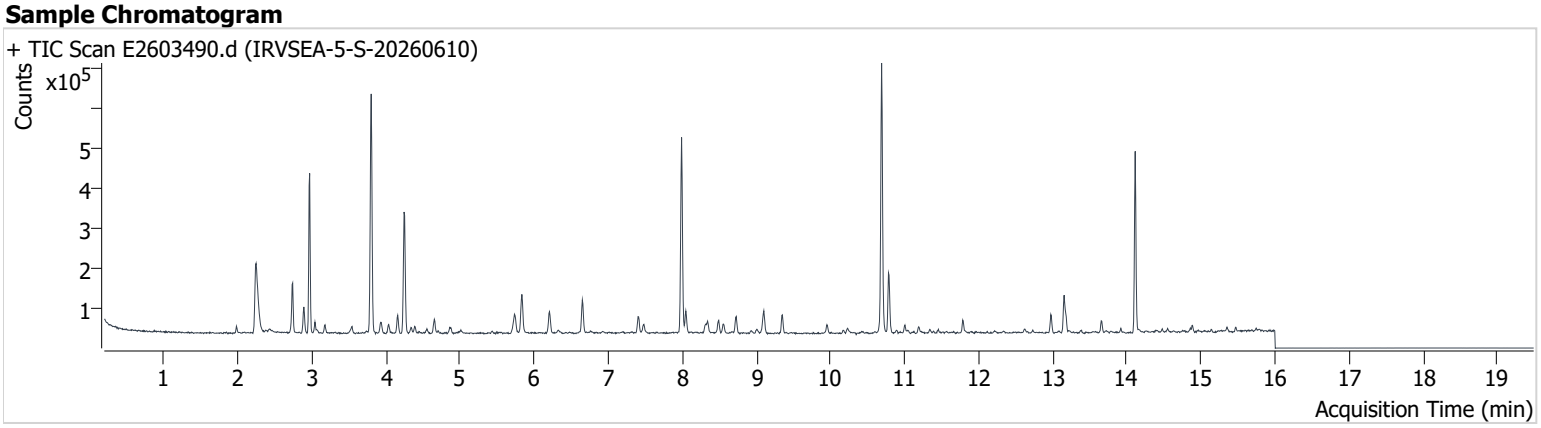
o-Xylene


+ EIC (91.1) Scan E2603489.d
Counts
x10^4
2
1.5
1
0.5
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.711 min, 12 scans) E2603489.d
Lib Match Score=66.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
79.1
106.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

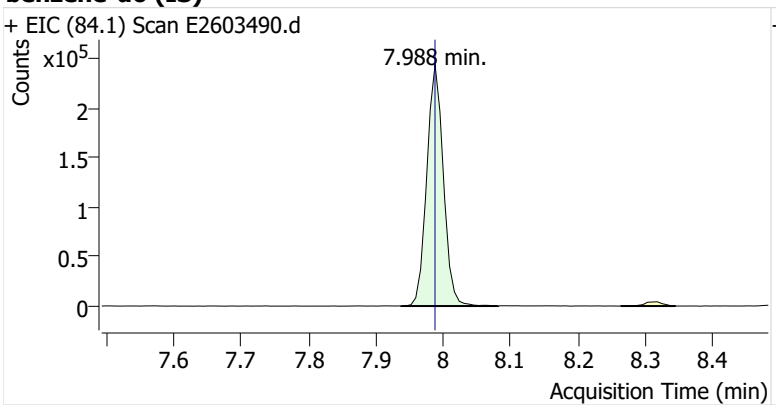
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Comment	C55738
Data File	E2603490.d
Acq. Date-Time	6/25/2026 5:28:05 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

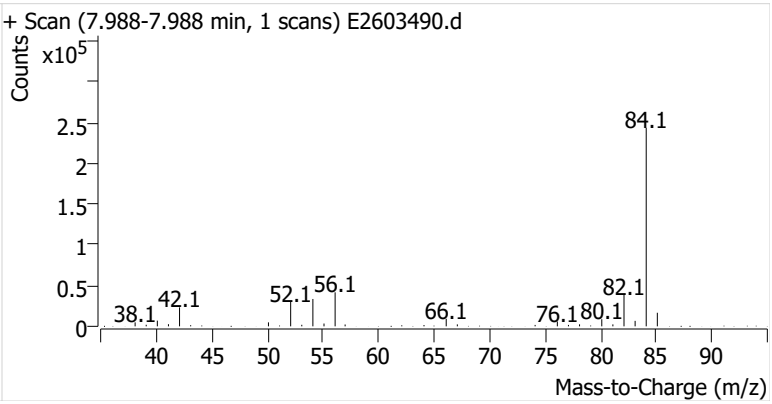
Sample Chromatogram



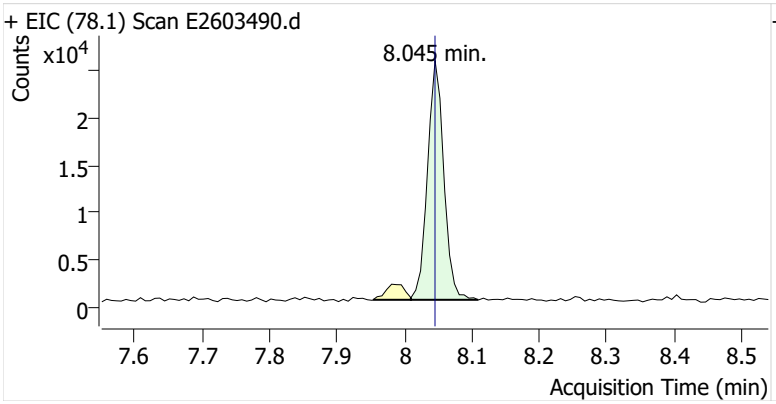
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	415,096	
Benzene	benzene-d6 (IS)	8.045	8.045	42,232	
Toluene-d8 (IS)		10.688	10.688	427,857	
Toluene	Toluene-d8 (IS)	10.782	10.781	98,408	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	33,242	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	72,802	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	15,718	

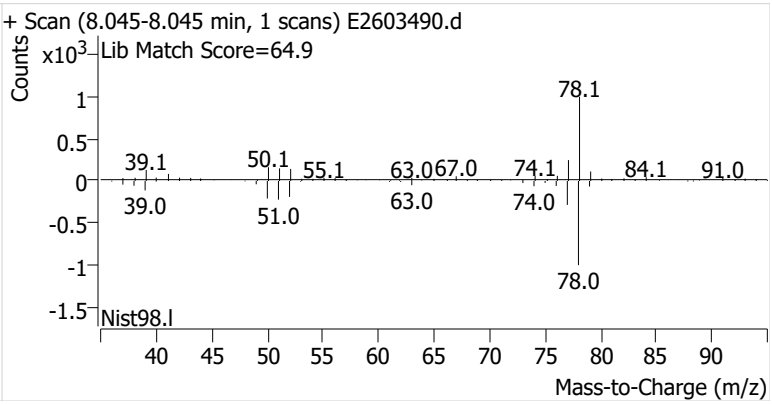
benzene-d6 (IS)



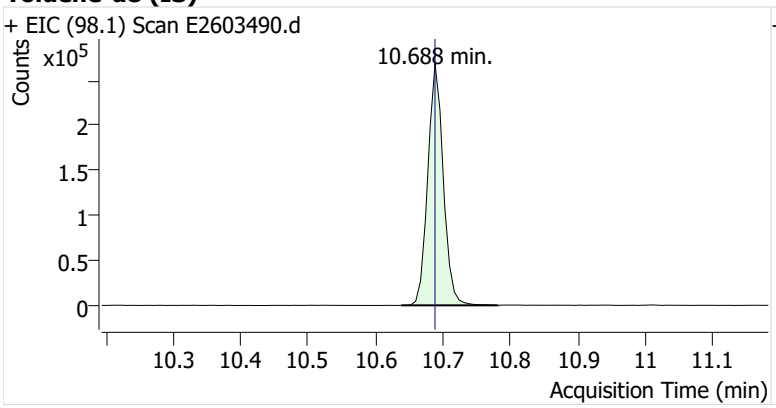


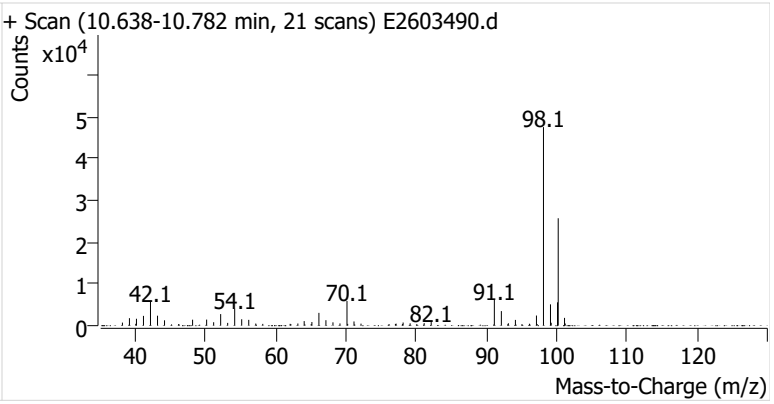
Benzene



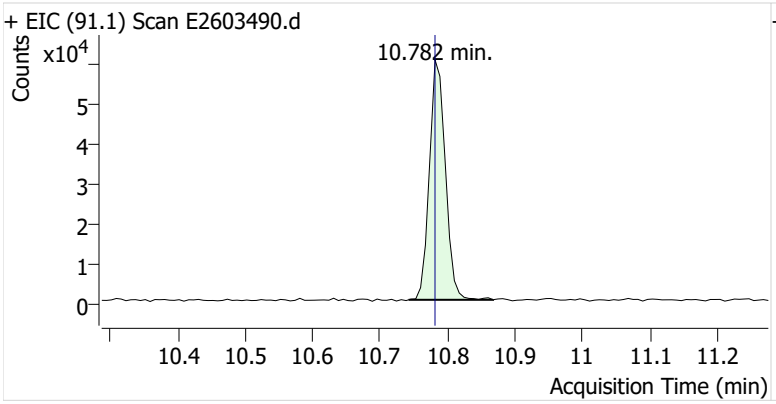


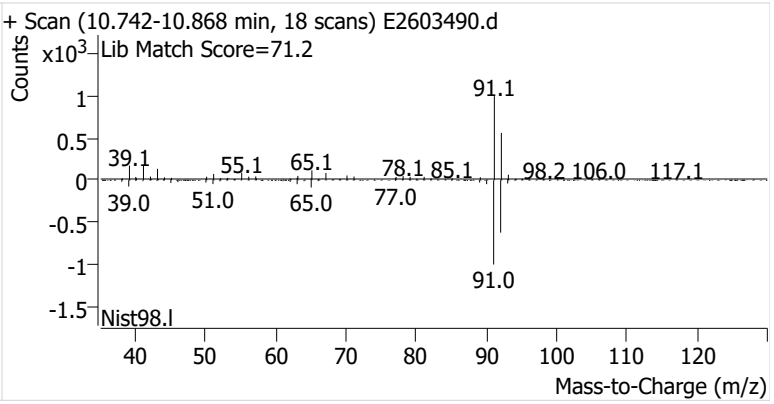
Toluene-d8 (IS)



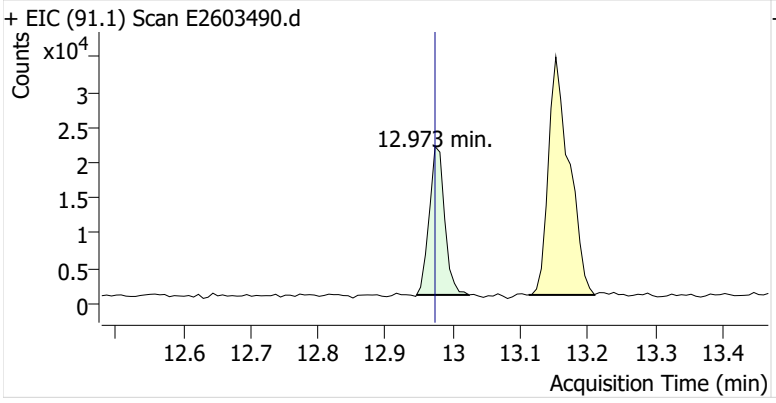


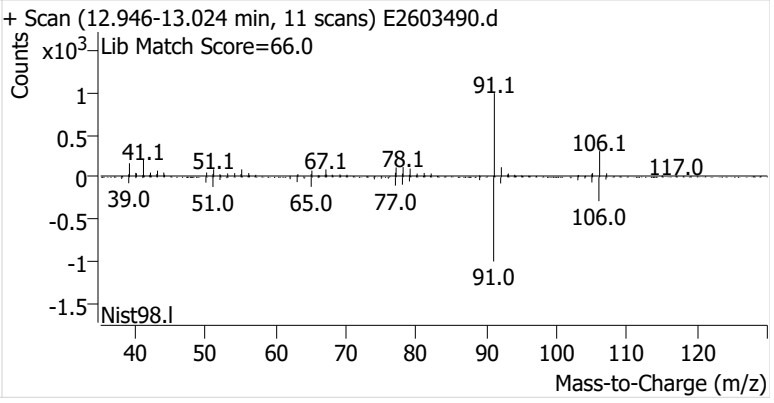
Toluene



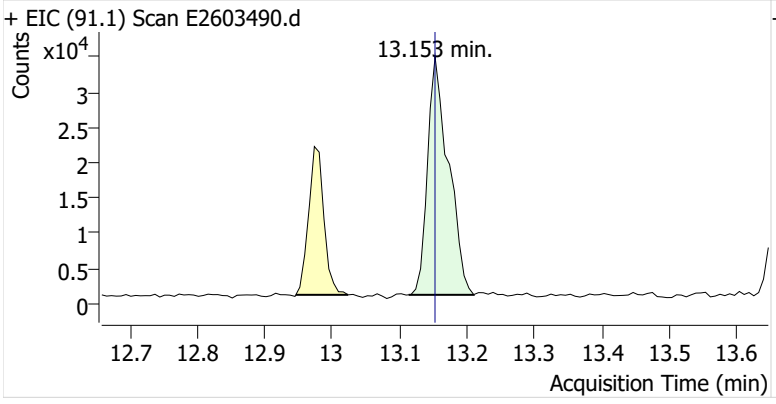


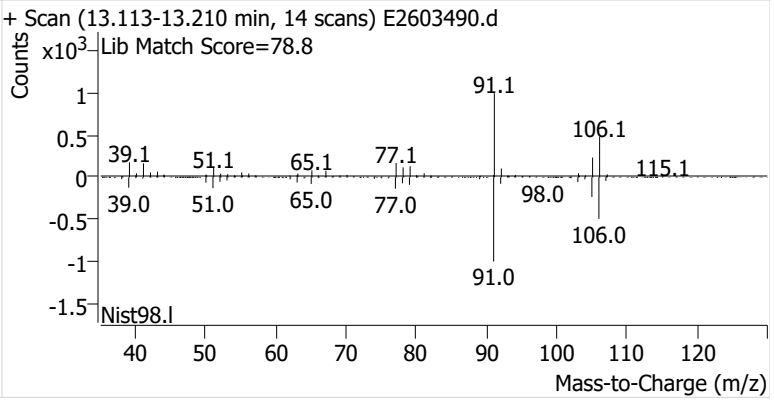
Ethylbenzene



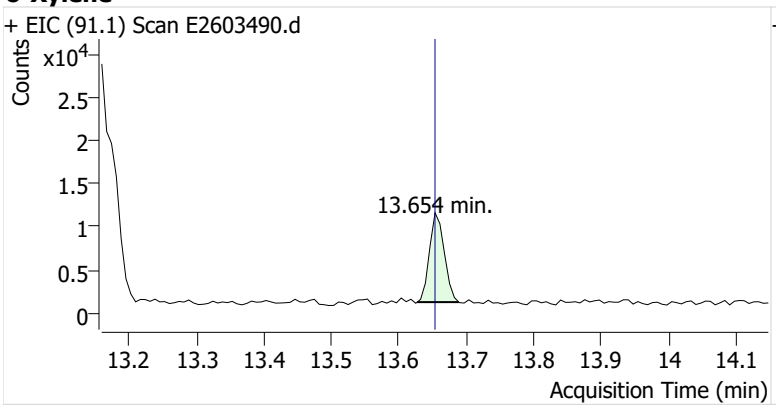


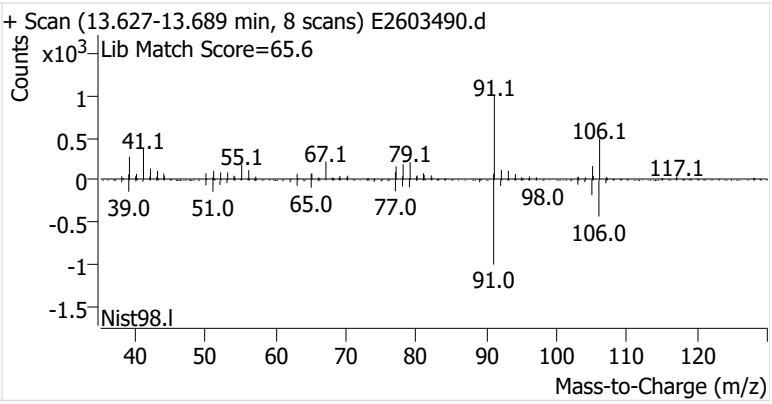
m-/p-Xylenes





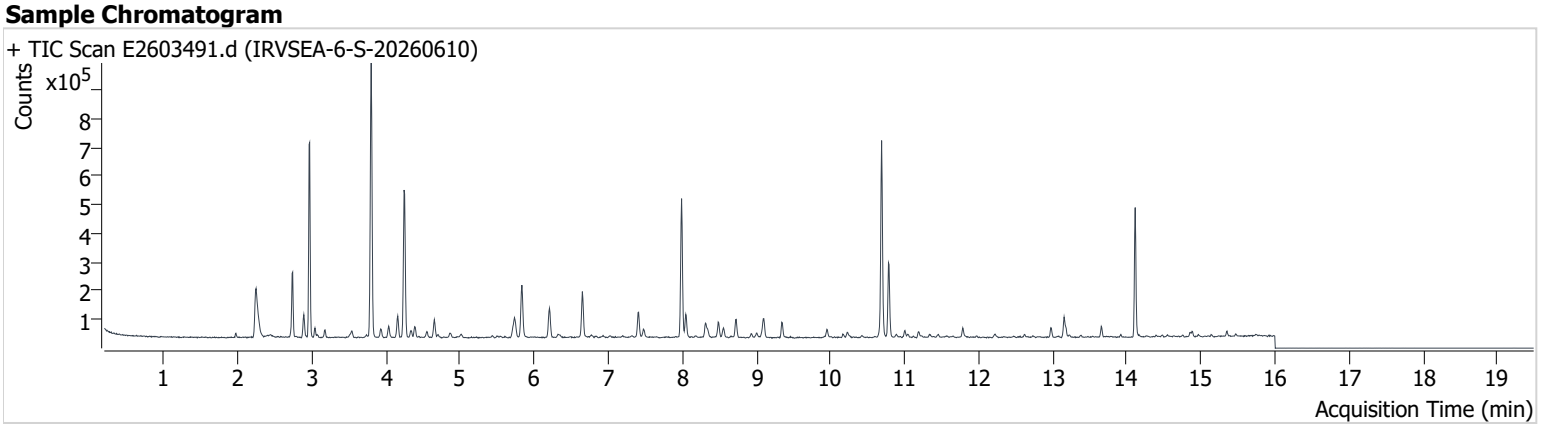
o-Xylene


+ EIC (91.1) Scan E2603490.d
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.627-13.689 min, 8 scans) E2603490.d
Counts
x10^3
Lib Match Score=65.6
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
79.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

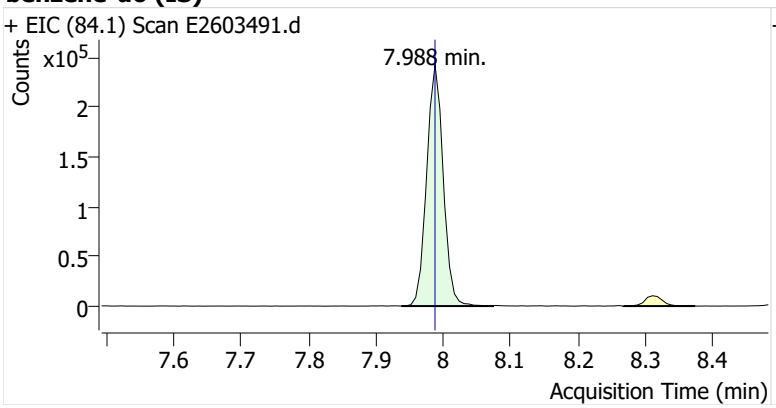
Name	IRVSEA-6-S-20260610
Comment	C43620
Data File	E2603491.d
Acq. Date-Time	6/25/2026 5:55:28 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

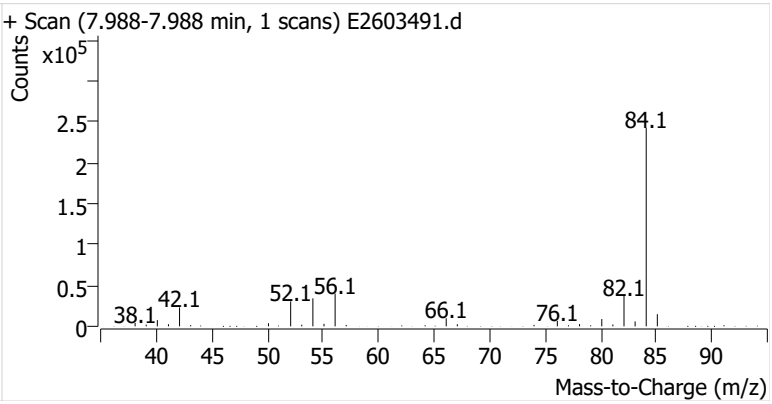
Sample Chromatogram



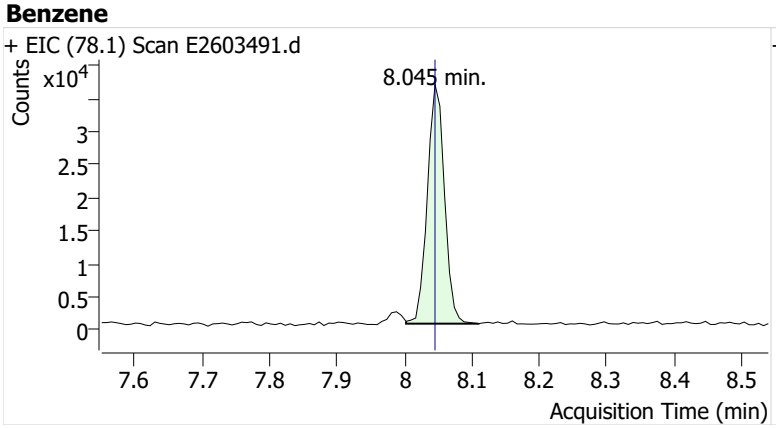
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	414,016	
Benzene	benzene-d6 (IS)	8.045	8.045	64,039	
Toluene-d8 (IS)		10.688	10.688	423,086	
Toluene	Toluene-d8 (IS)	10.781	10.781	171,237	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	24,630	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	53,105	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	19,886	

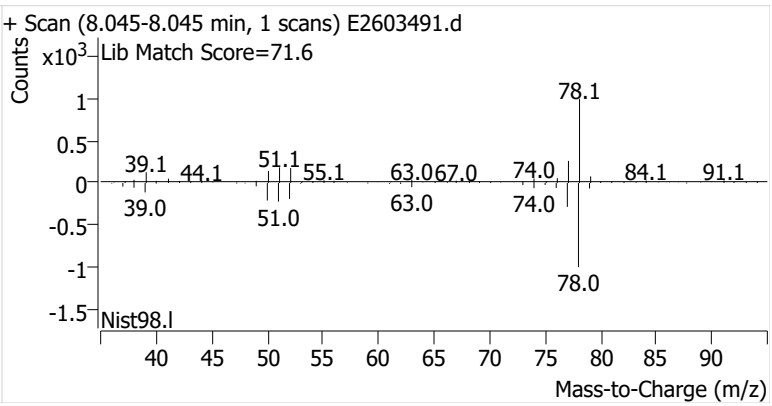
benzene-d6 (IS)



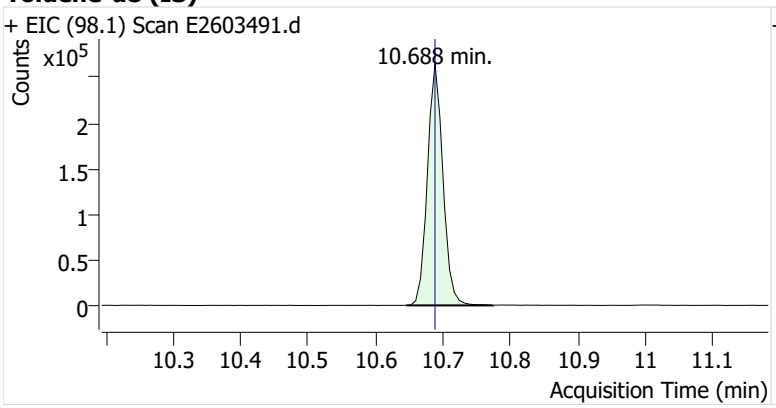


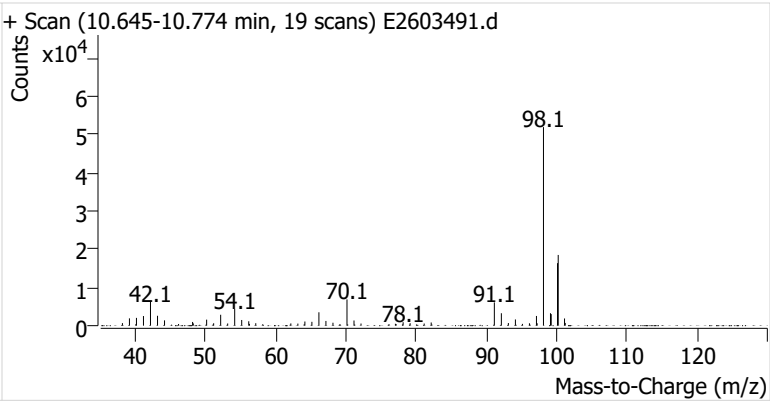
Benzene



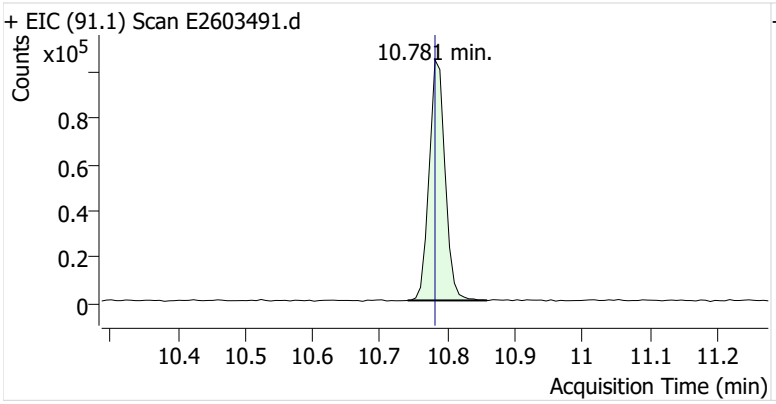


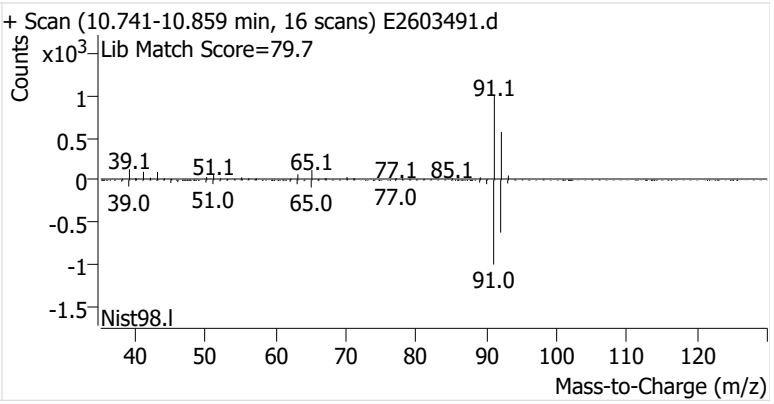
Toluene-d8 (IS)



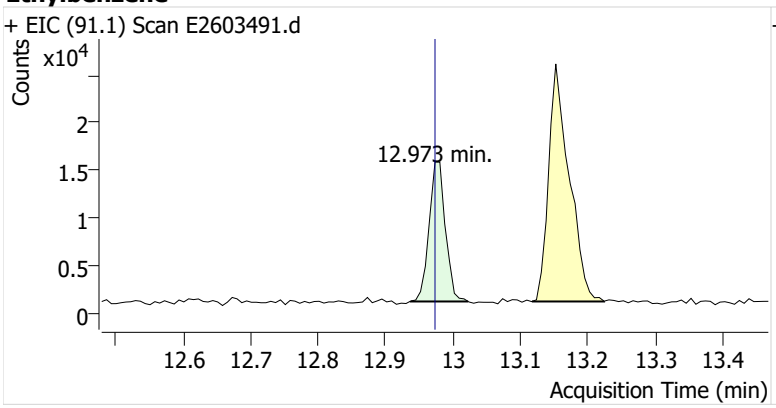


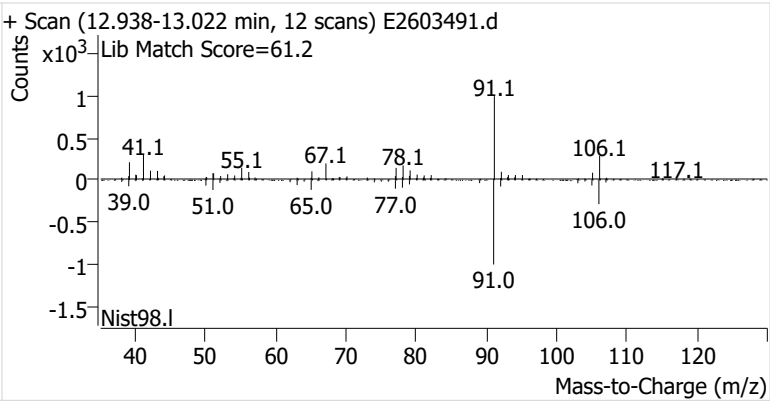
Toluene



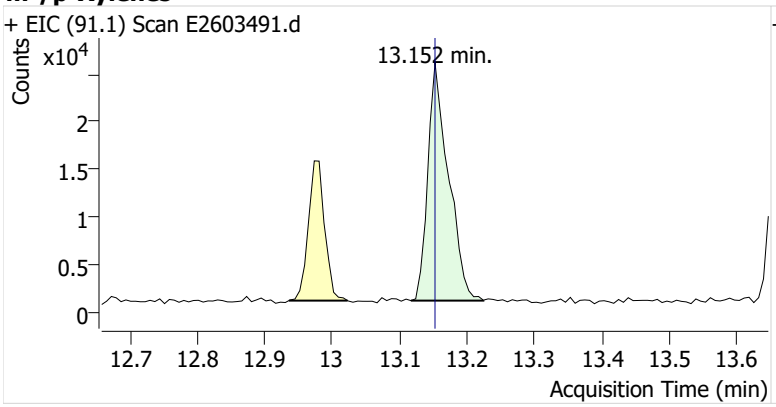


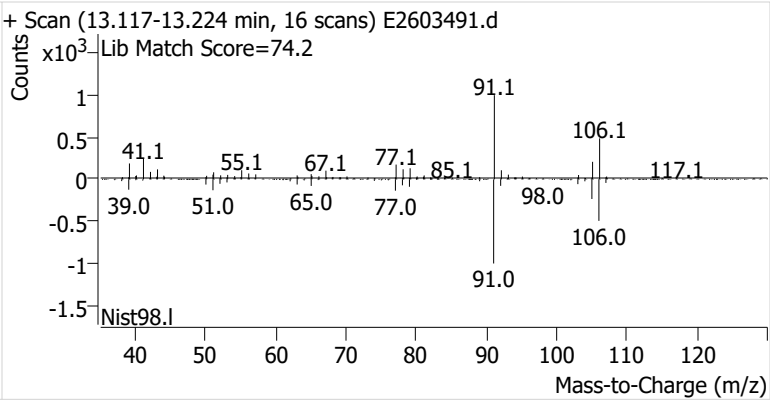
Ethylbenzene



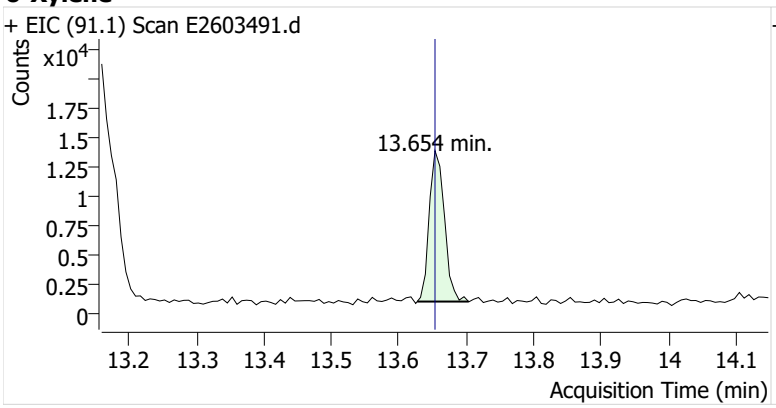


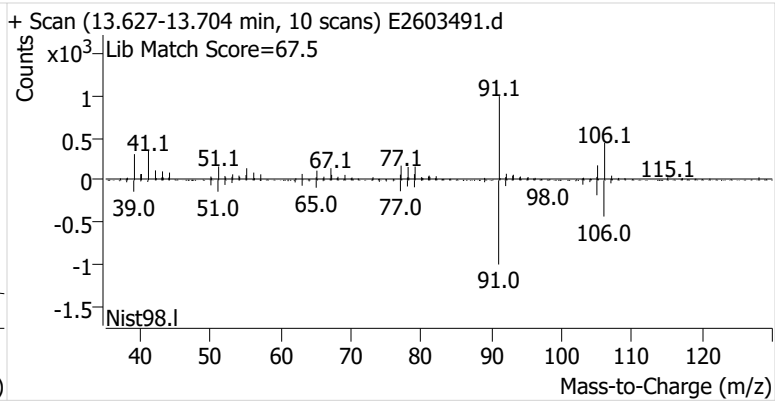
m-/p-Xylenes





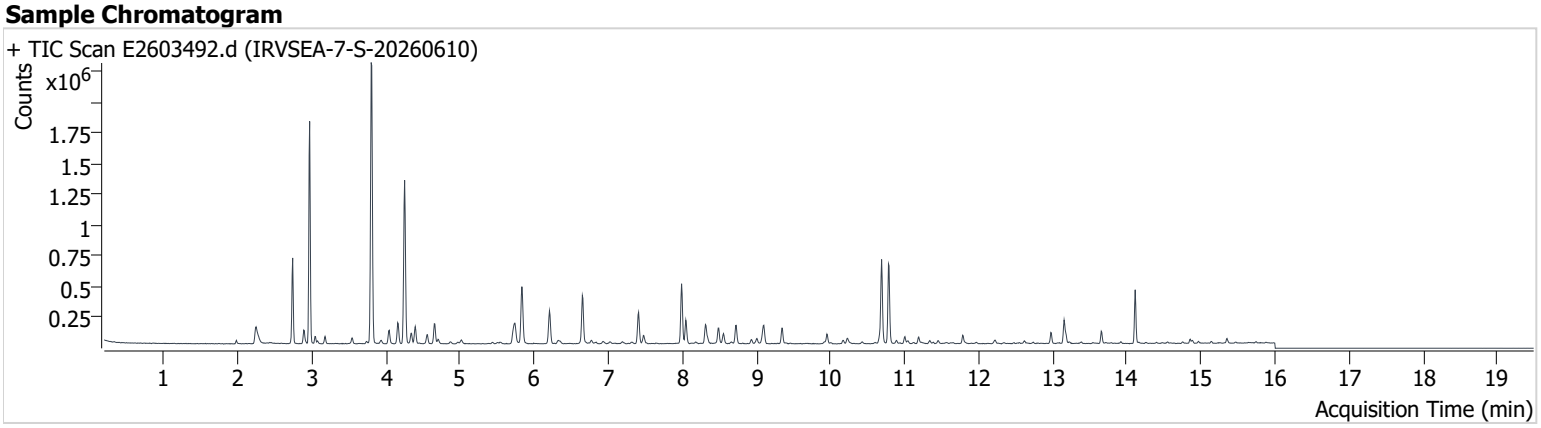
o-Xylene


+ EIC (91.1) Scan E2603491.d
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.627-13.704 min, 10 scans) E2603491.d
Counts
x10^3
Lib Match Score=67.5
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
51.1
67.1
77.1
106.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

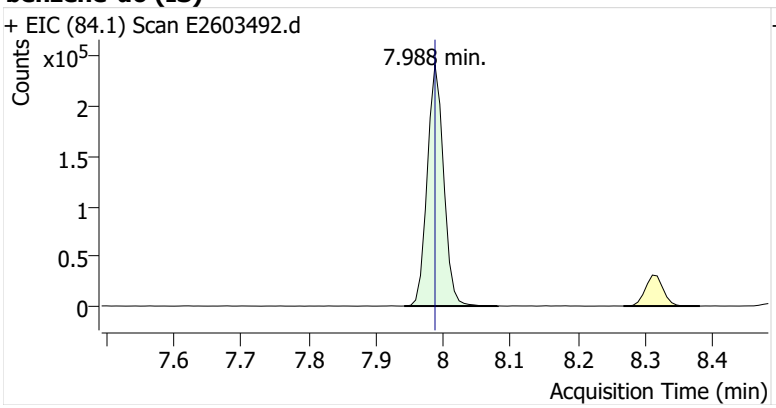
Name	IRVSEA-7-S-20260610
Comment	B27840
Data File	E2603492.d
Acq. Date-Time	6/25/2026 6:21:54 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

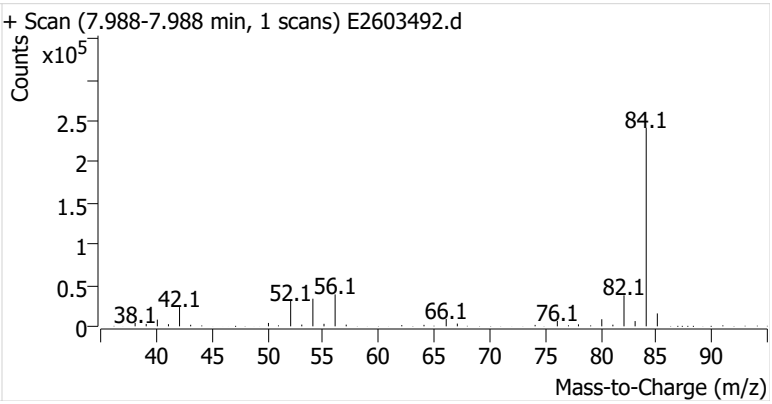
Sample Chromatogram



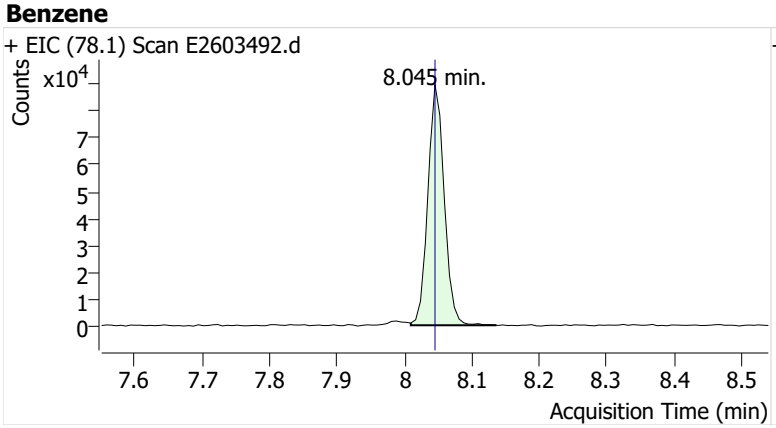
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	408,977	
Benzene	benzene-d6 (IS)	8.045	8.045	149,086	
Toluene-d8 (IS)		10.688	10.688	423,538	
Toluene	Toluene-d8 (IS)	10.781	10.781	428,684	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	60,833	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	139,995	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	55,569	

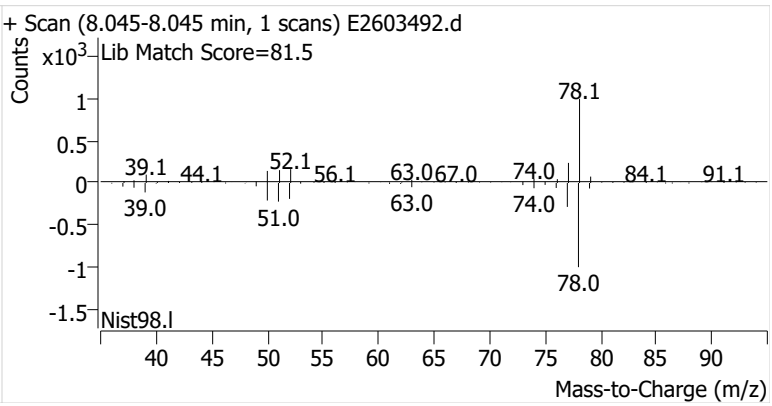
benzene-d6 (IS)



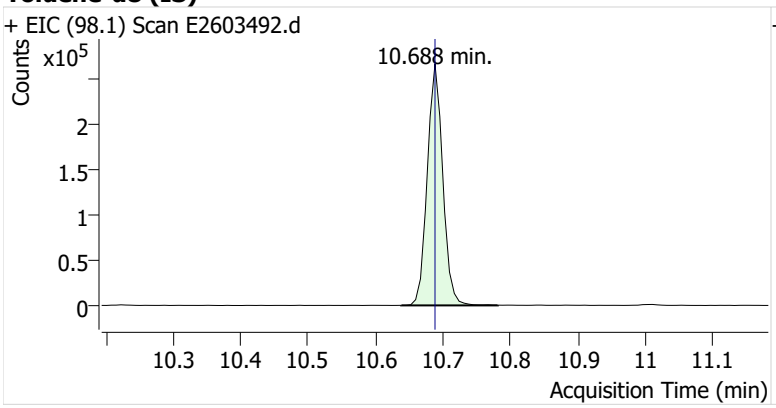


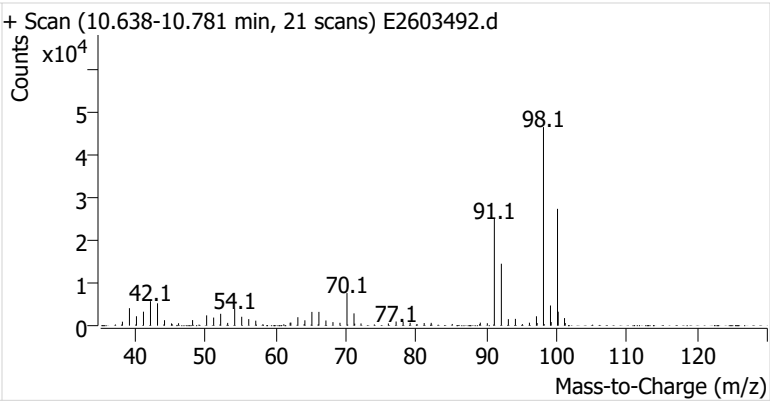
Benzene



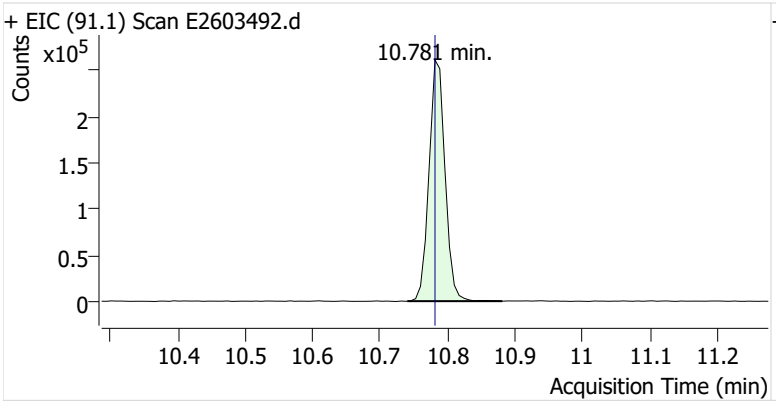


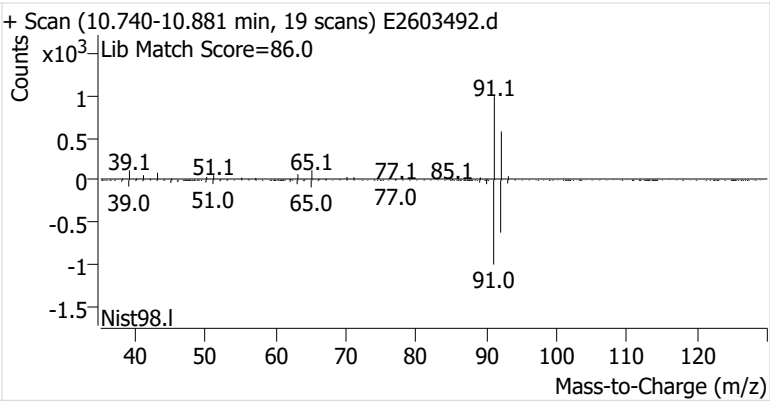
Toluene-d8 (IS)



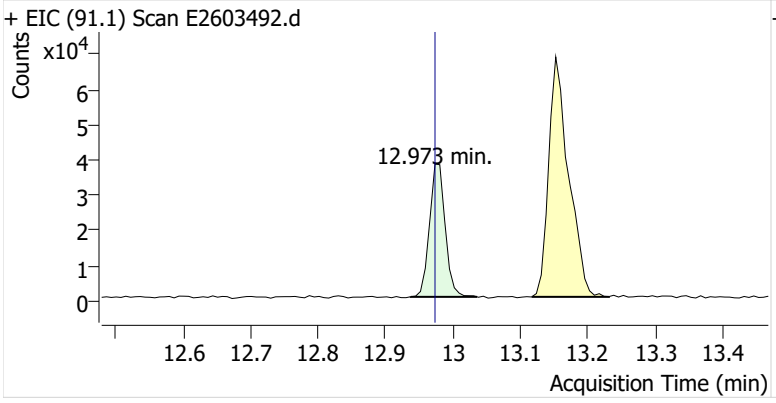


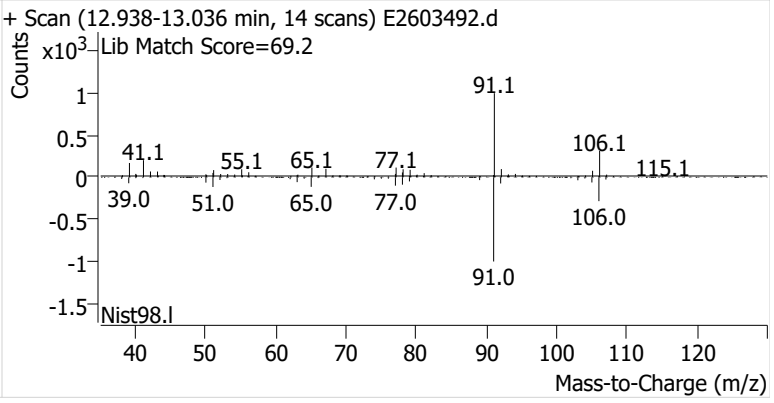
Toluene



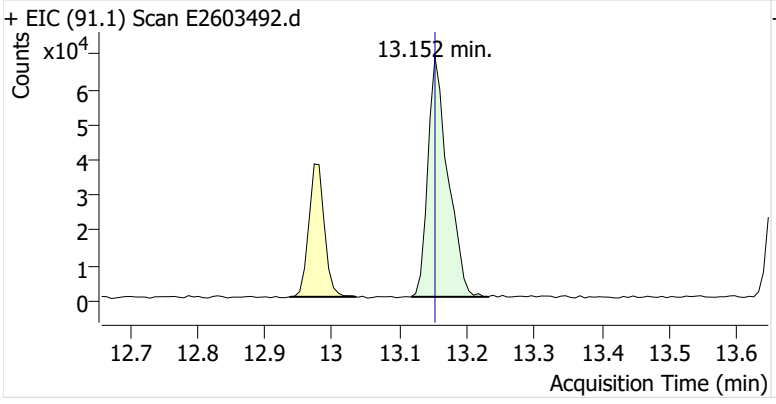


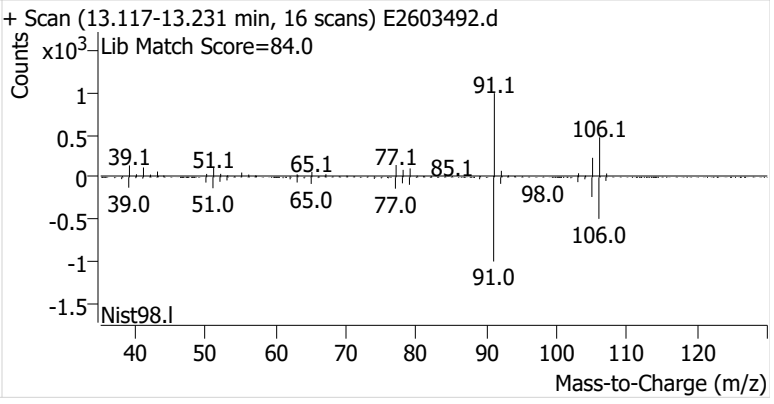
Ethylbenzene



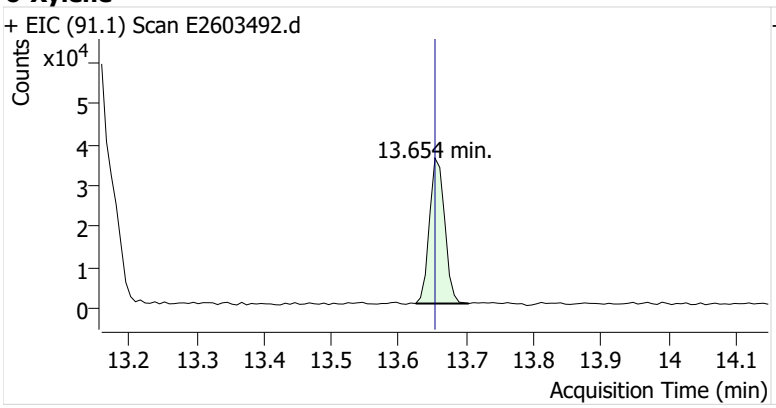


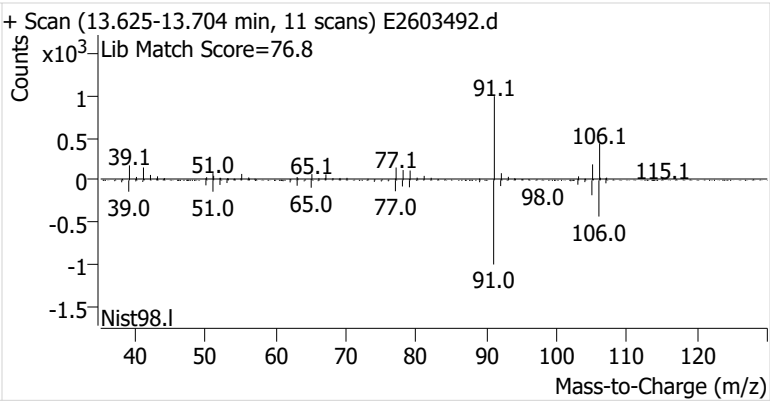
m-/p-Xylenes





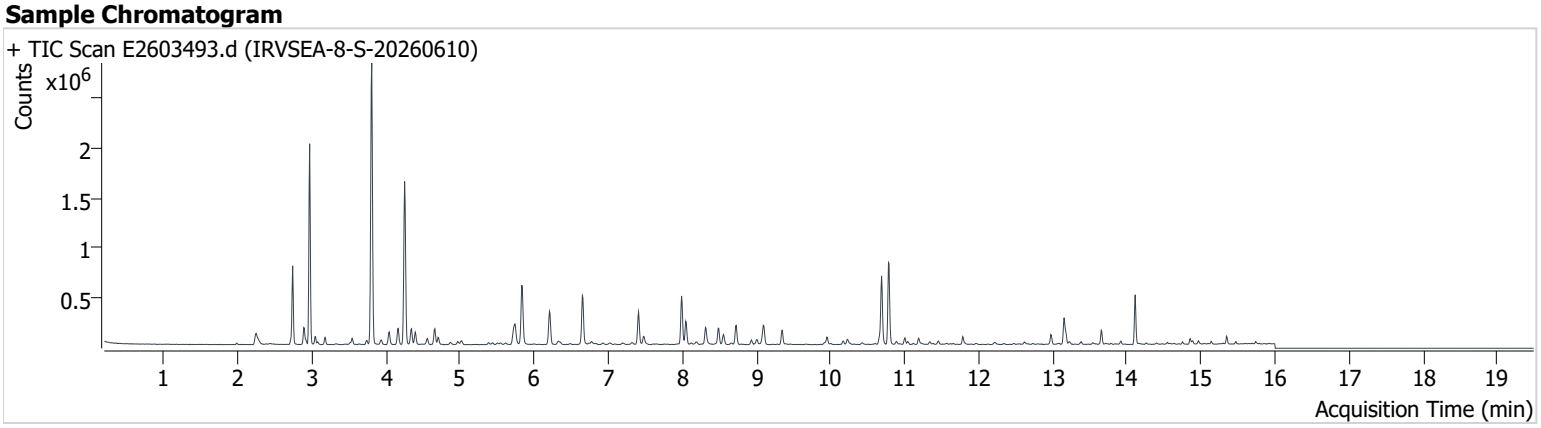
o-Xylene


+ EIC (91.1) Scan E2603492.d
Counts
x10^4
5
4
3
2
1
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.625-13.704 min, 11 scans) E2603492.d
Lib Match Score=76.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.0
65.1
77.1
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

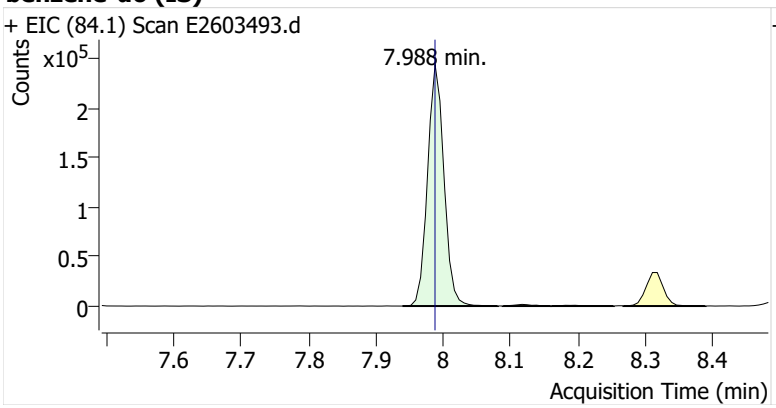
Name	IRVSEA-8-S-20260610
Comment	C73603
Data File	E2603493.d
Acq. Date-Time	6/25/2026 6:48:18 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

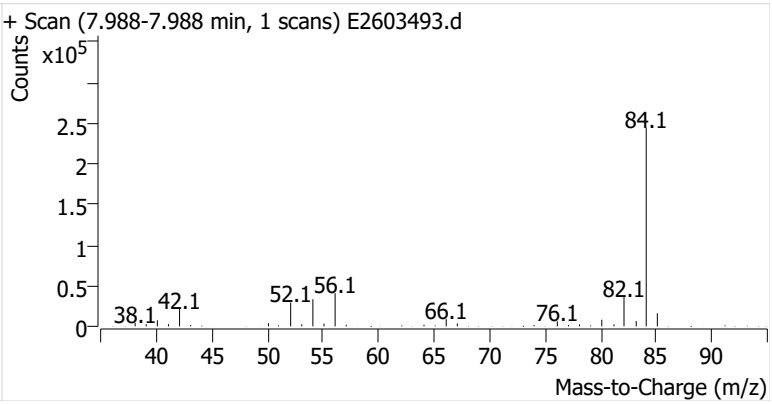
Sample Chromatogram



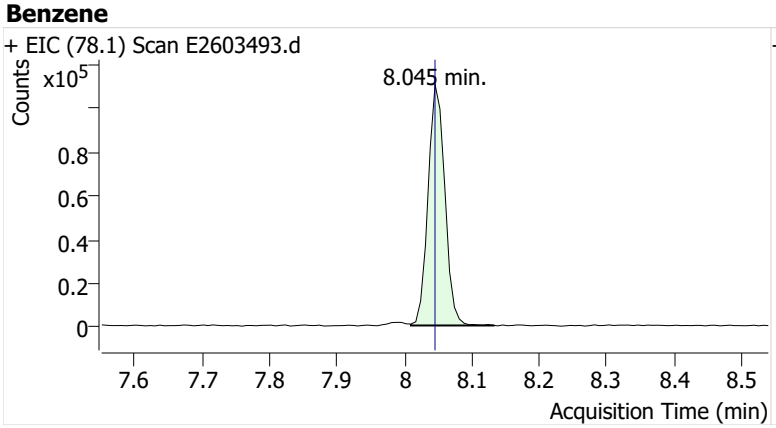
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	412,963	
Benzene	benzene-d6 (IS)	8.045	8.045	190,207	
Toluene-d8 (IS)		10.688	10.688	428,800	
Toluene	Toluene-d8 (IS)	10.782	10.781	546,837	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	66,896	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	198,173	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	79,475	

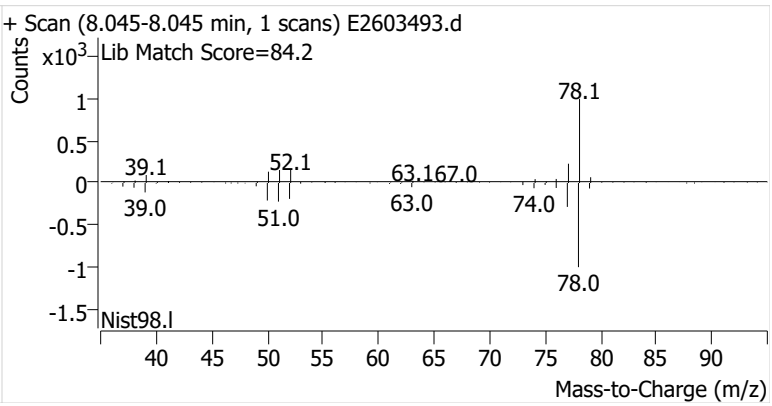
benzene-d6 (IS)



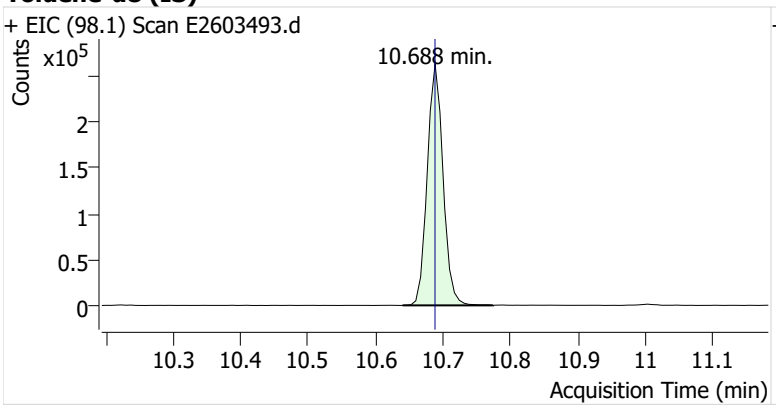


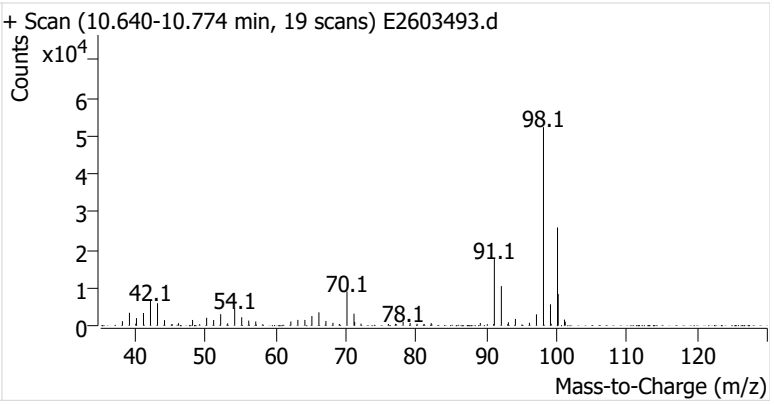
Benzene



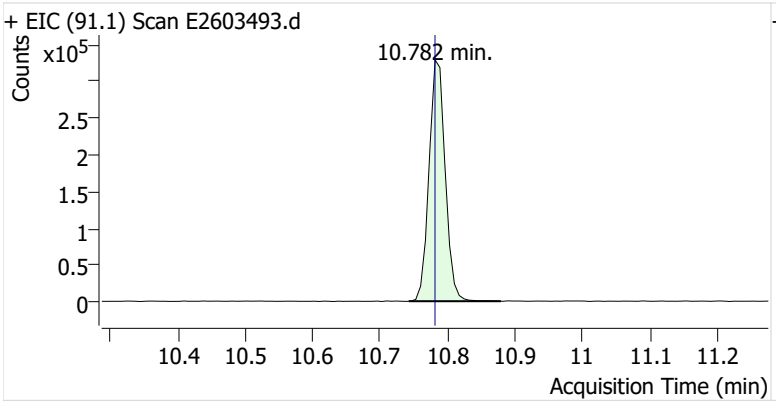


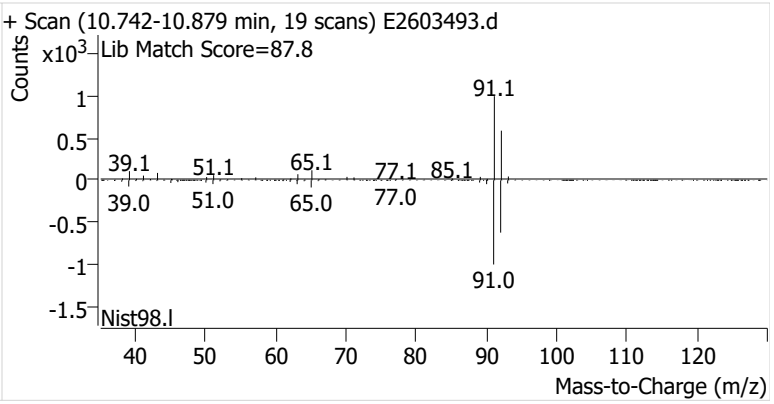
Toluene-d8 (IS)



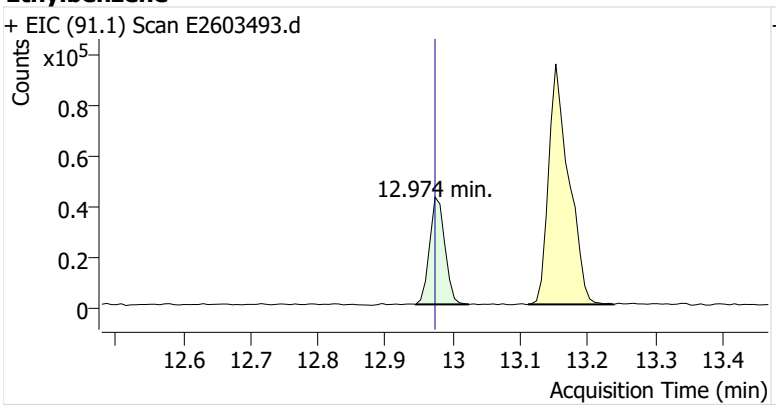


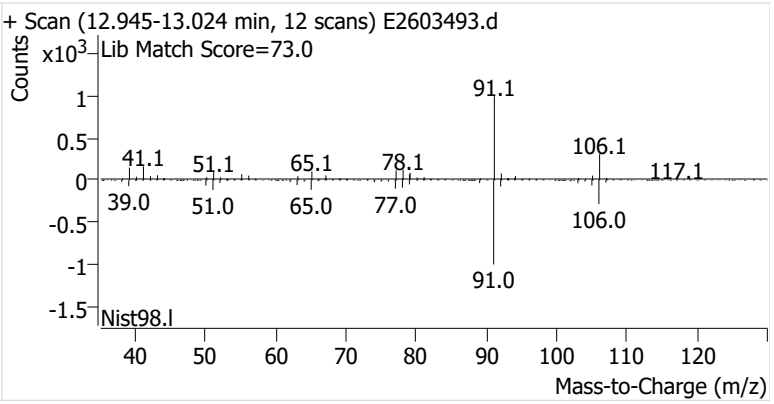
Toluene



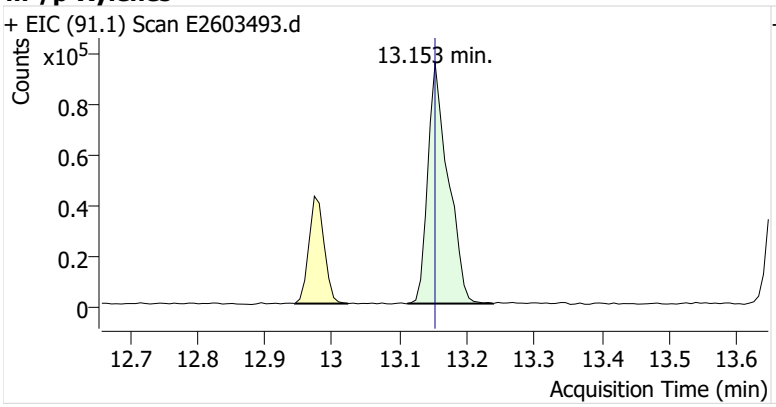


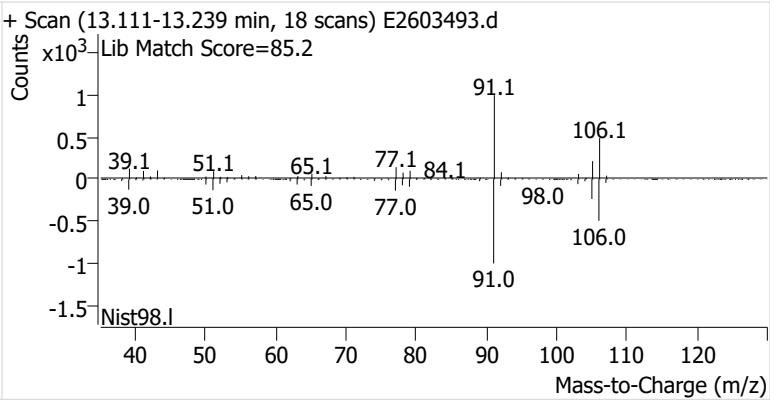
Ethylbenzene



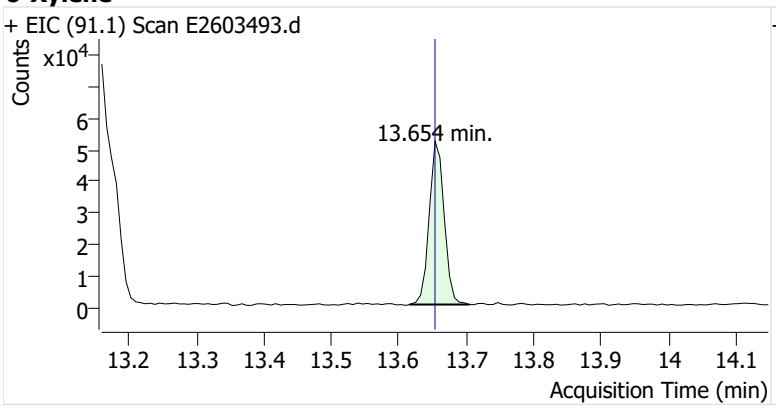


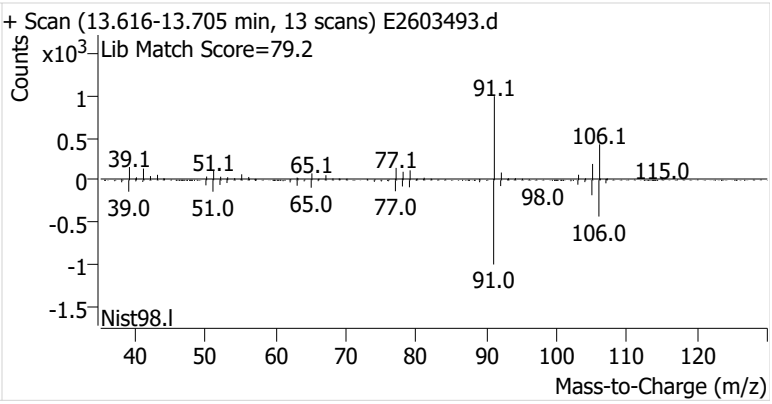
m-/p-Xylenes





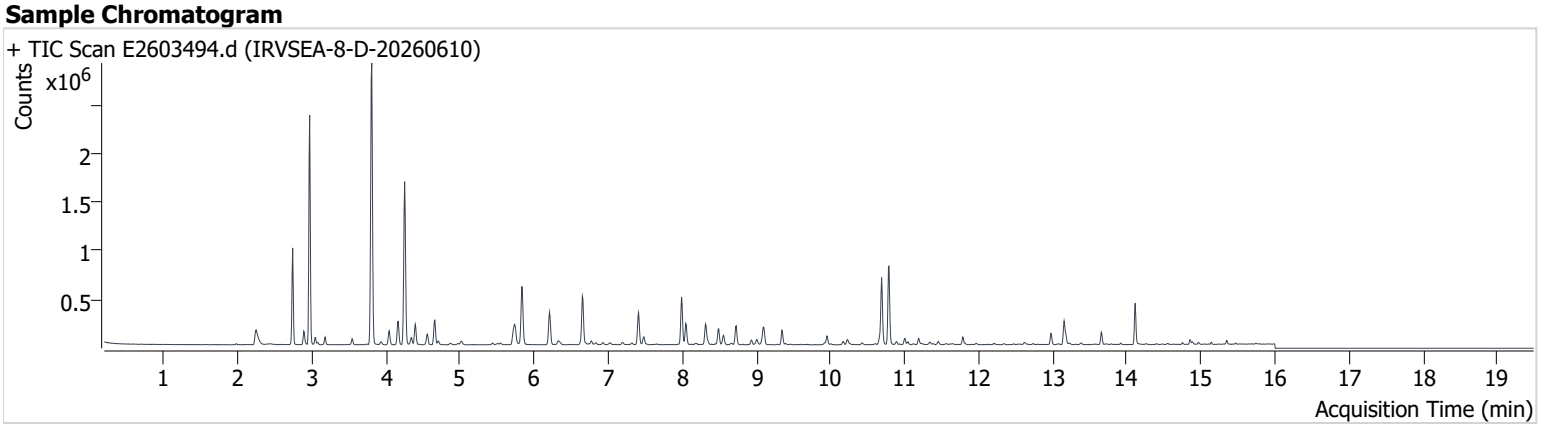
o-Xylene


+ EIC (91.1) Scan E2603493.d
Counts
x10^4
13.654 min.
Acquisition Time (min)


+ Scan (13.616-13.705 min, 13 scans) E2603493.d
Counts
x10^3
Lib Match Score=79.2
91.1
106.1
39.1
51.1
65.1
77.1
115.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

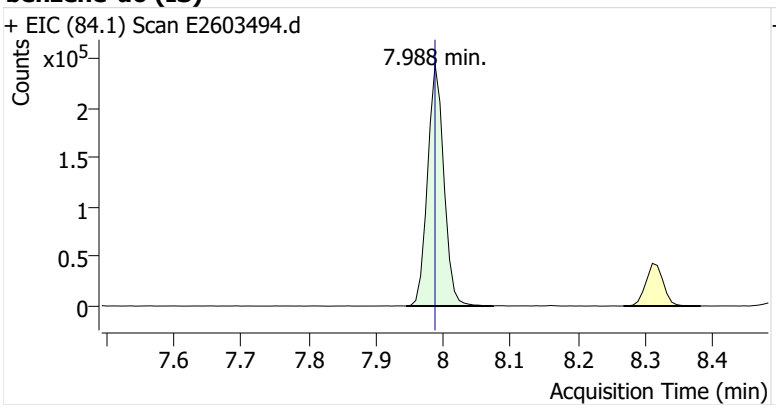
Name	IRVSEA-8-D-20260610
Comment	C01560
Data File	E2603494.d
Acq. Date-Time	6/25/2026 7:14:39 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

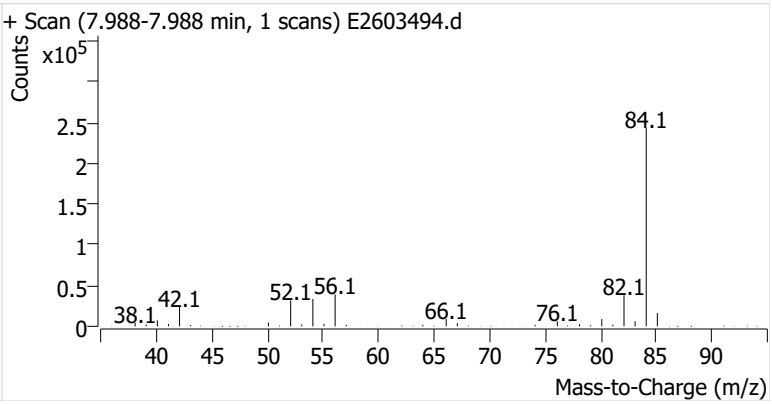
Sample Chromatogram



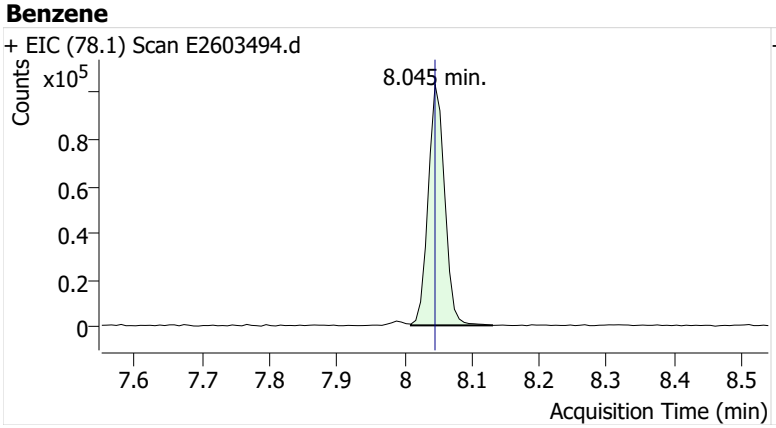
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	409,568	
Benzene	benzene-d6 (IS)	8.045	8.045	174,386	
Toluene-d8 (IS)		10.688	10.688	424,158	
Toluene	Toluene-d8 (IS)	10.782	10.781	541,106	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	79,883	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	178,425	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	71,220	

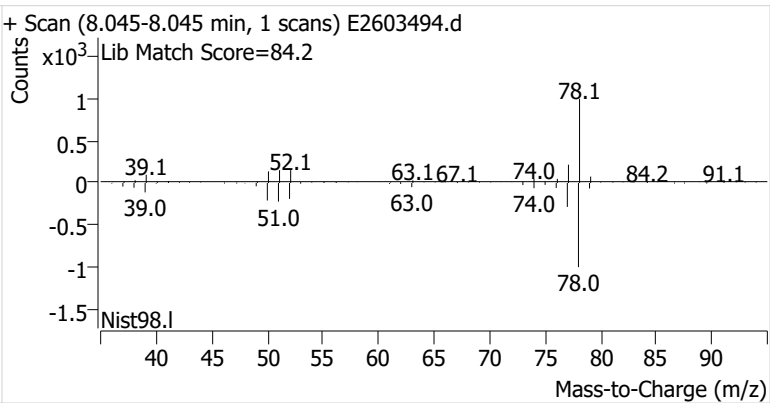
benzene-d6 (IS)



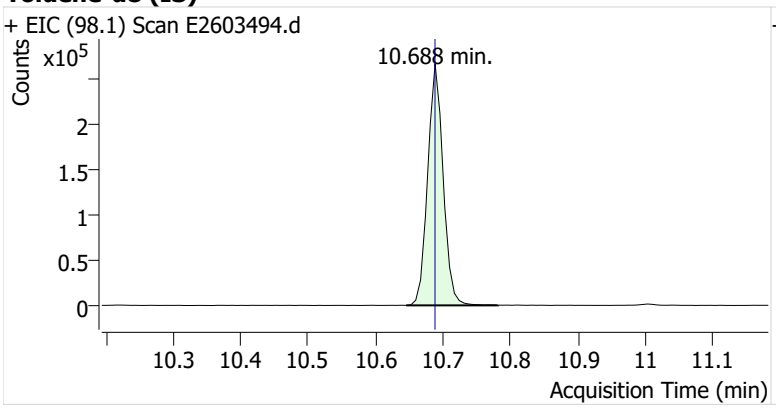


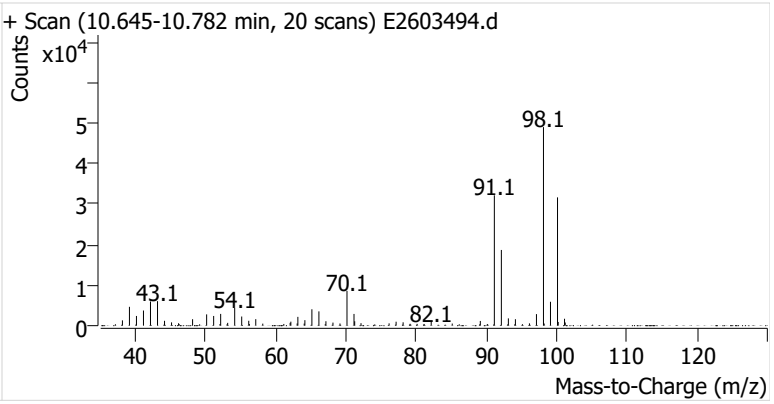
Benzene



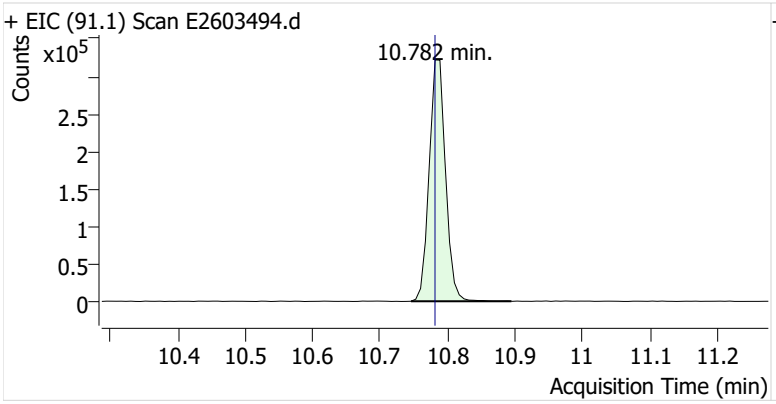


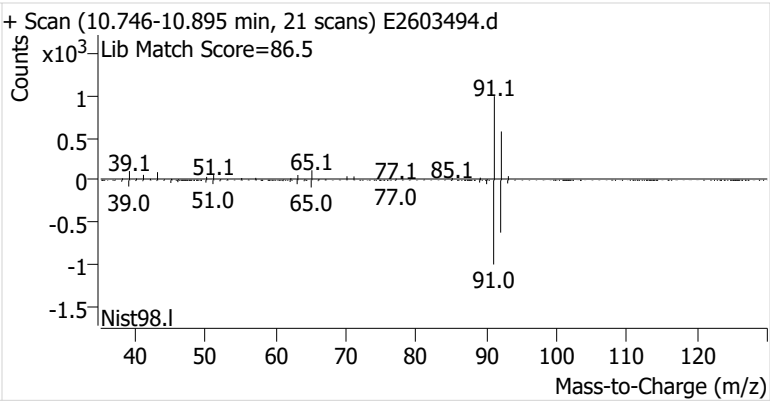
Toluene-d8 (IS)



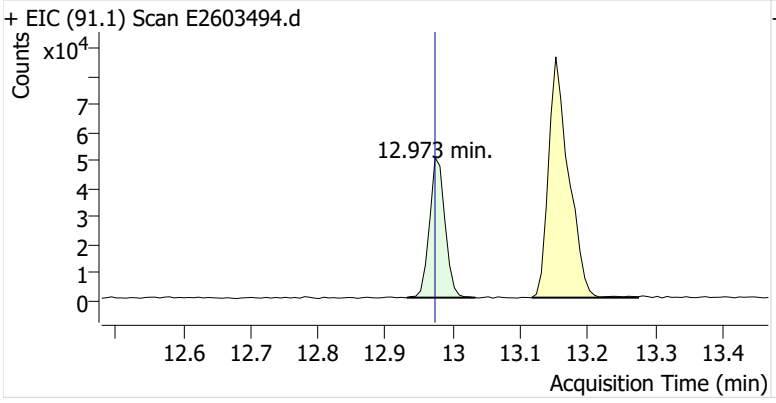


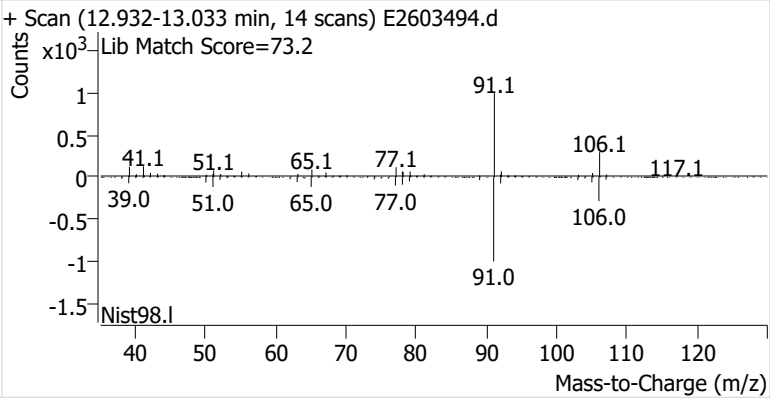
Toluene



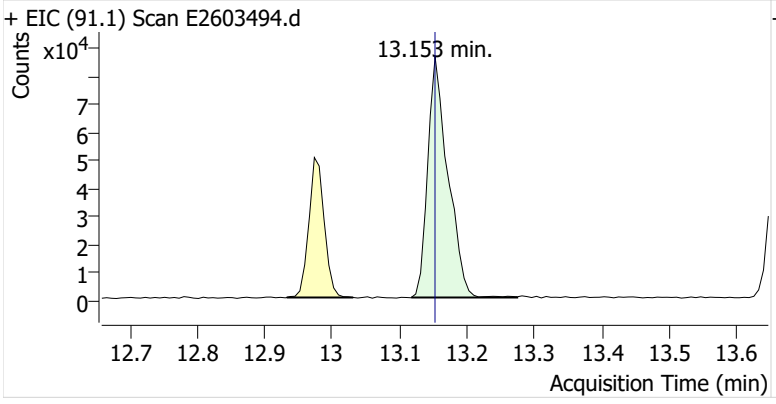


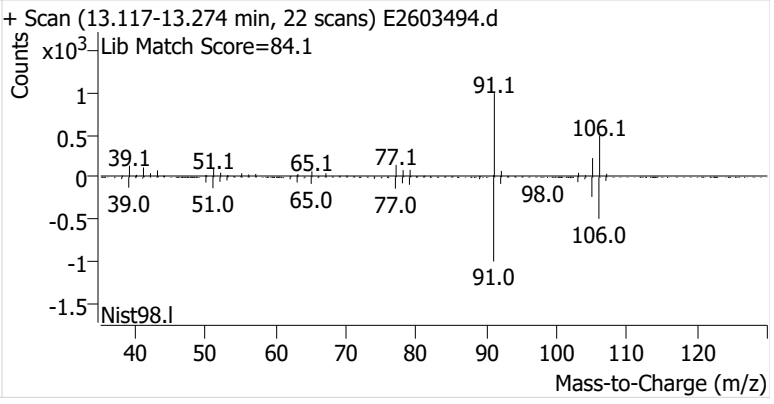
Ethylbenzene



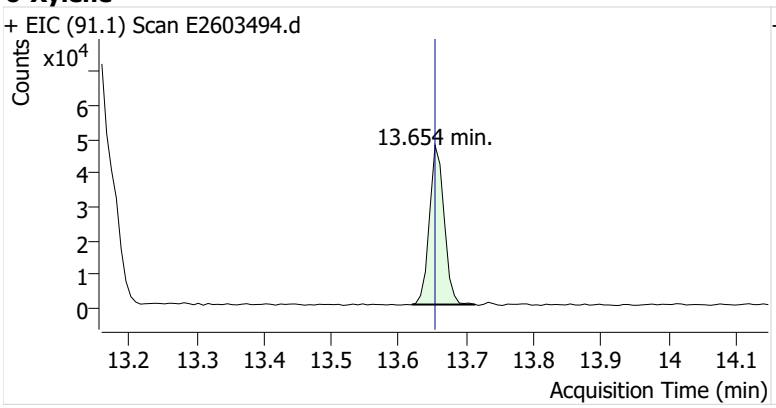


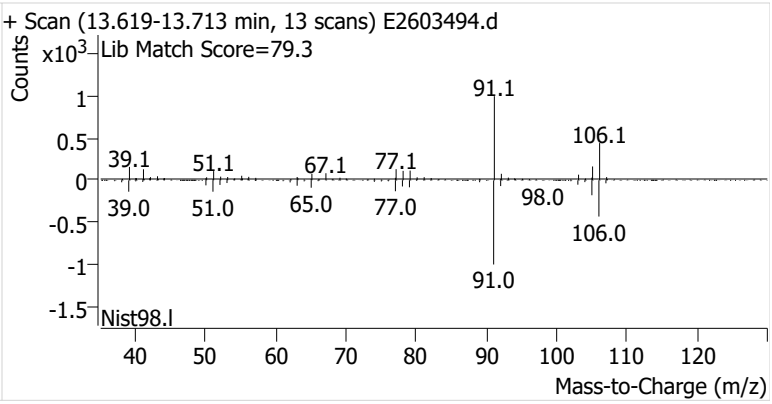
m-/p-Xylenes





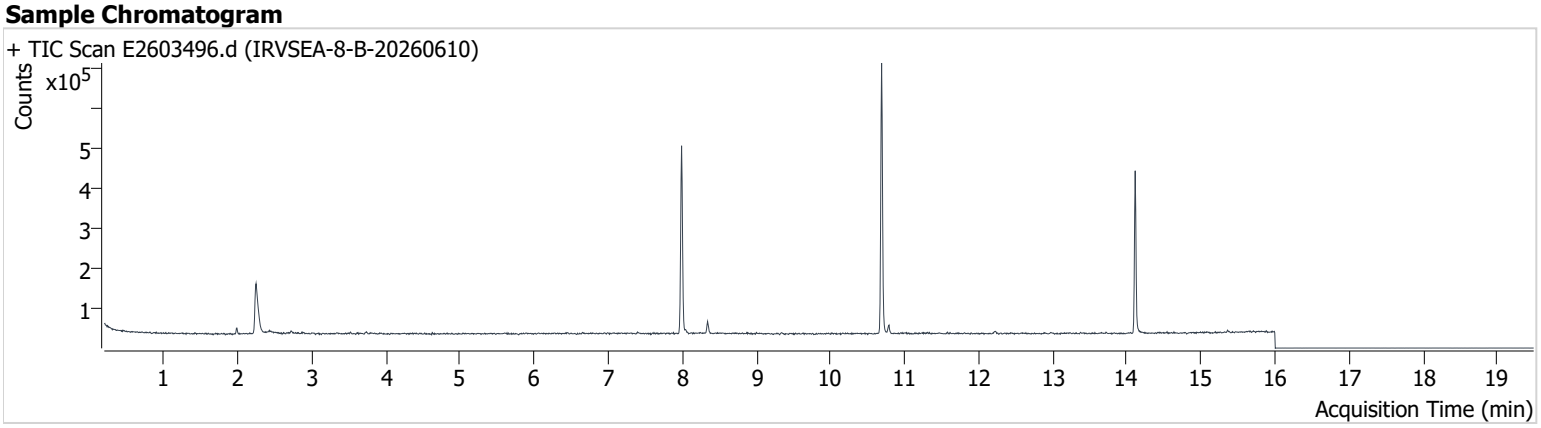
o-Xylene


+ EIC (91.1) Scan E2603494.d
Counts
x10^4
6
5
4
3
2
1
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.619-13.713 min, 13 scans) E2603494.d
Counts
x10^3
Lib Match Score=79.3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

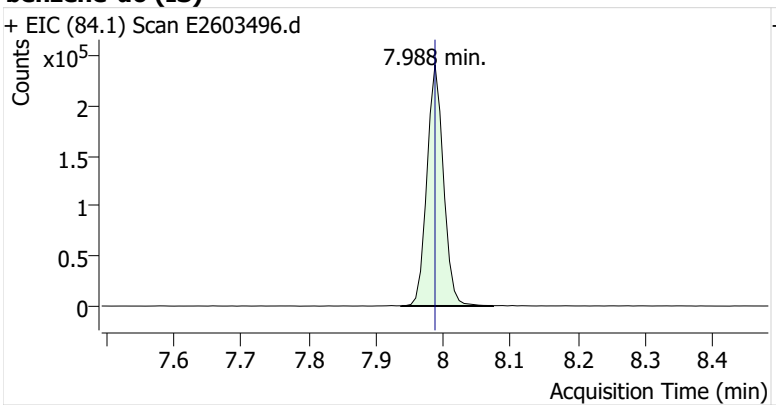
Name	IRVSEA-8-B-20260610
Comment	C01646
Data File	E2603496.d
Acq. Date-Time	6/25/2026 8:07:21 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

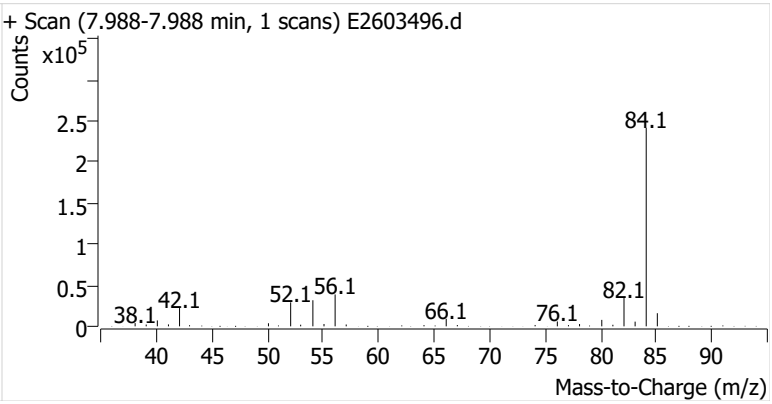
Sample Chromatogram



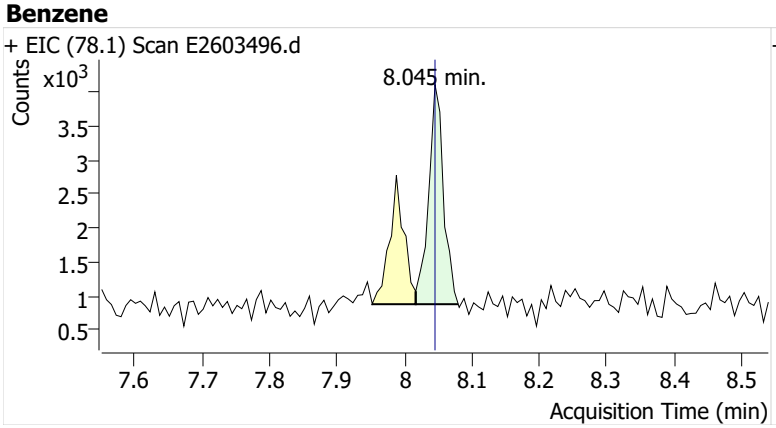
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	410,940	
Benzene	benzene-d6 (IS)	8.045	8.045	4,946	
Toluene-d8 (IS)		10.688	10.688	424,628	
Toluene	Toluene-d8 (IS)	10.781	10.781	13,190	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	1,166	
m-/p-Xylenes	Toluene-d8 (IS)	13.167	13.152	978	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	514	

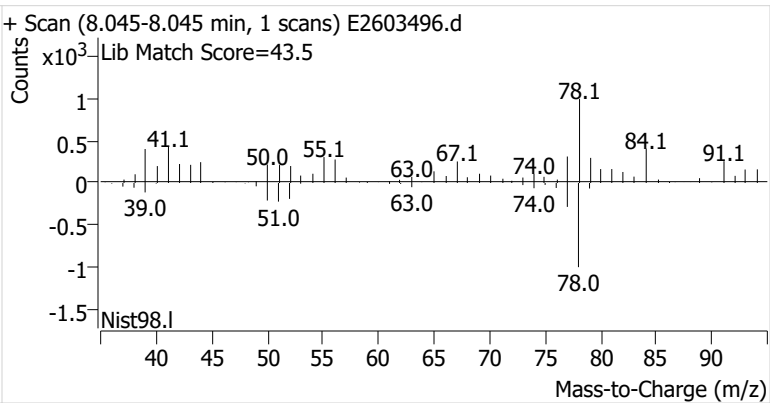
benzene-d6 (IS)



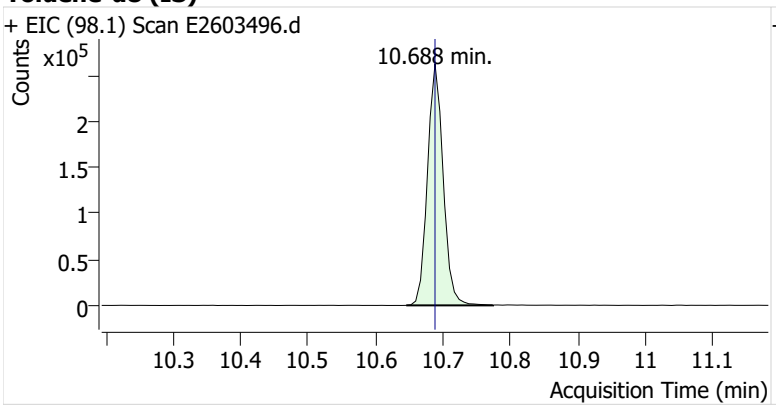


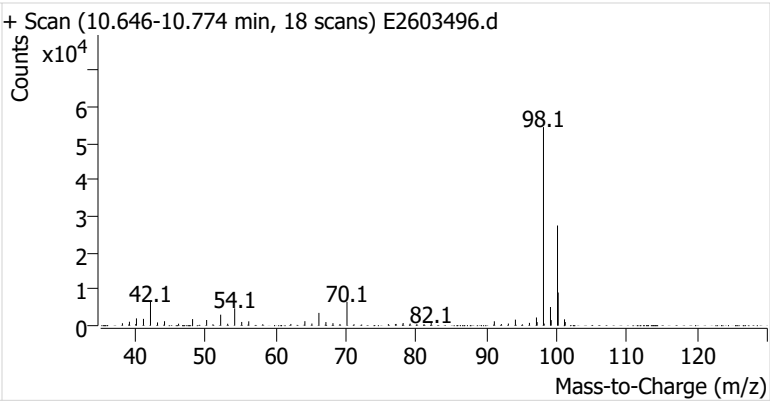
Benzene



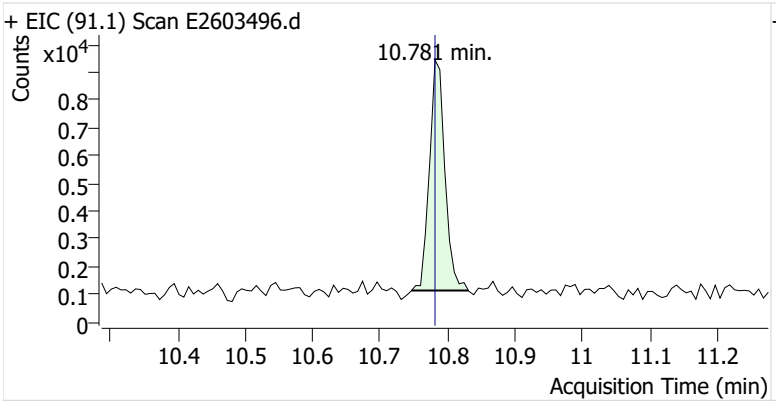


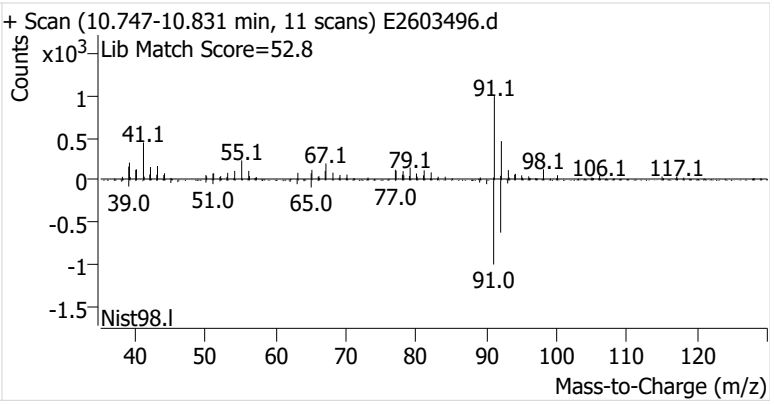
Toluene-d8 (IS)



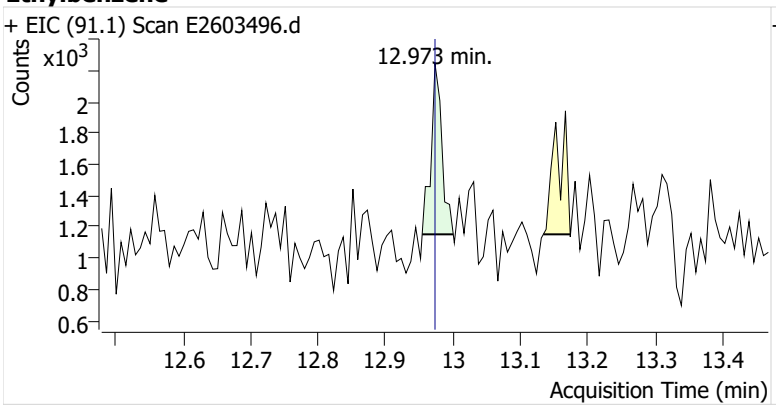


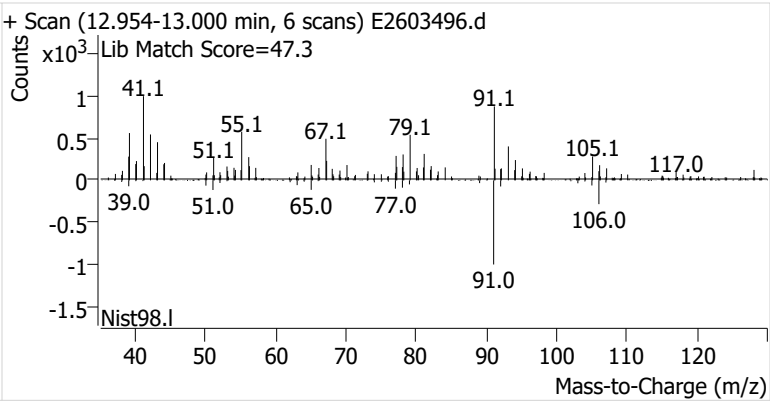
Toluene



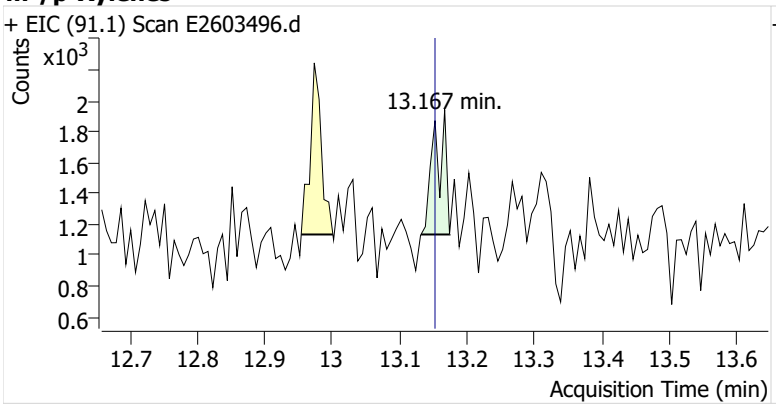


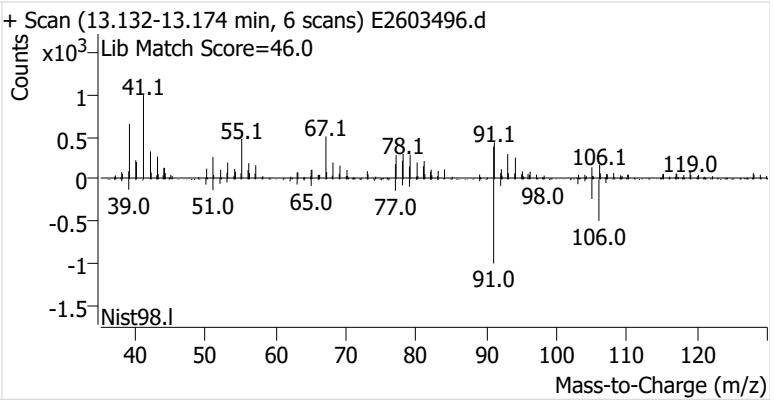
Ethylbenzene



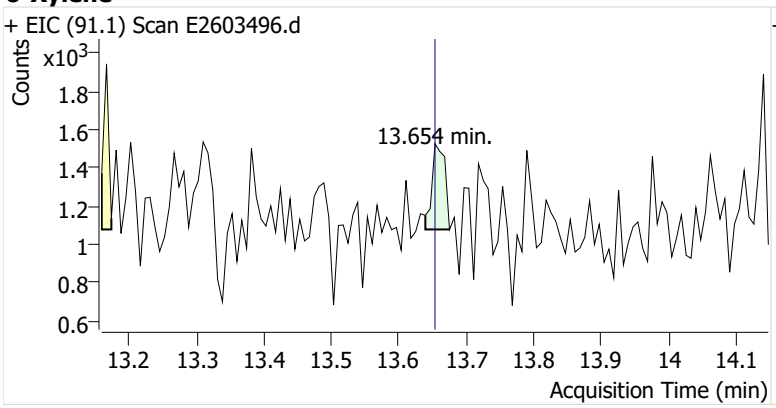


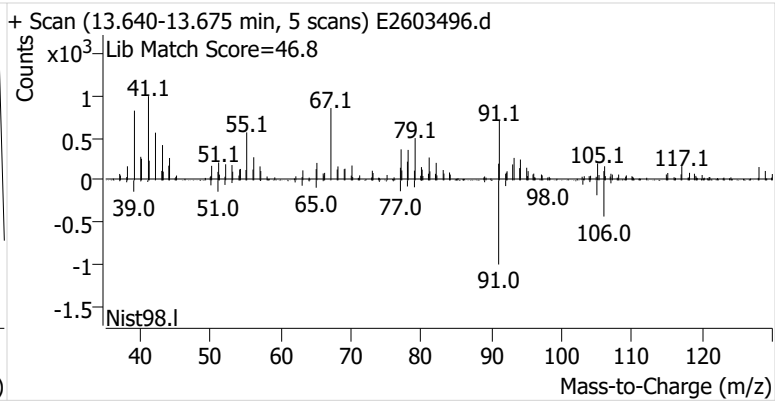
m-/p-Xylenes





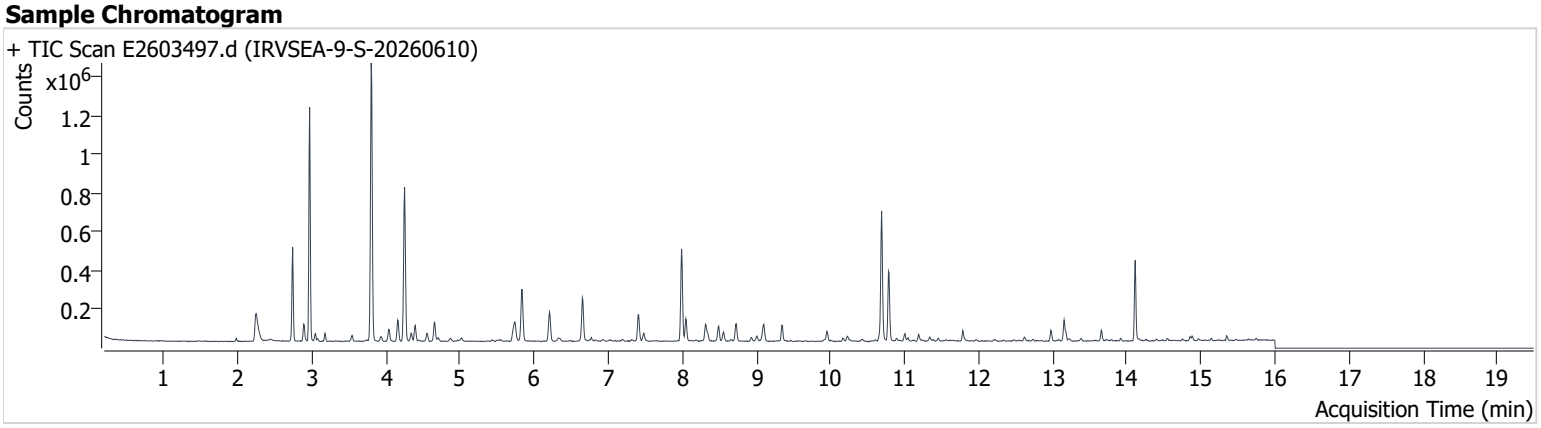
o-Xylene


+ EIC (91.1) Scan E2603496.d
Counts
x10^3
1.8
1.6
1.4
1.2
1
0.8
0.6
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.675 min, 5 scans) E2603496.d
Lib Match Score=46.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
67.1
55.1
91.1
79.1
51.1
105.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

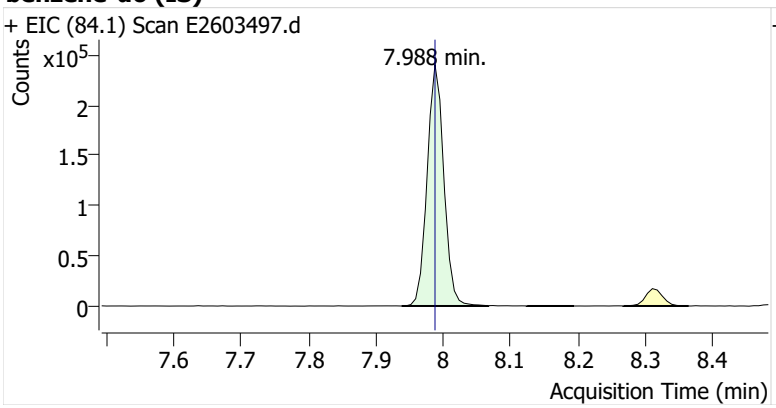
Name	IRVSEA-9-S-20260610
Comment	B52784
Data File	E2603497.d
Acq. Date-Time	6/25/2026 8:33:35 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

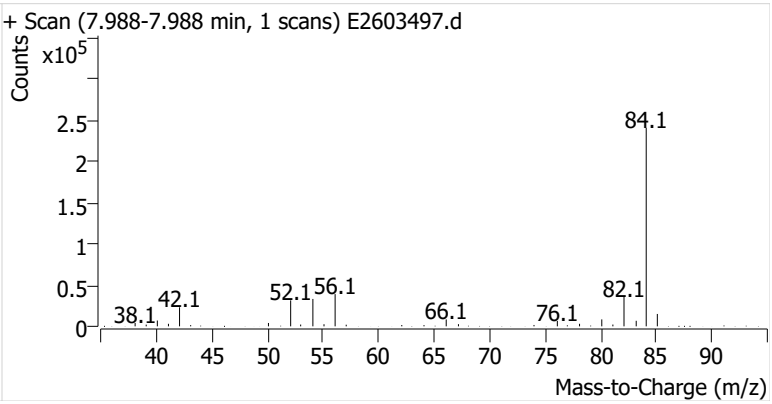
Sample Chromatogram



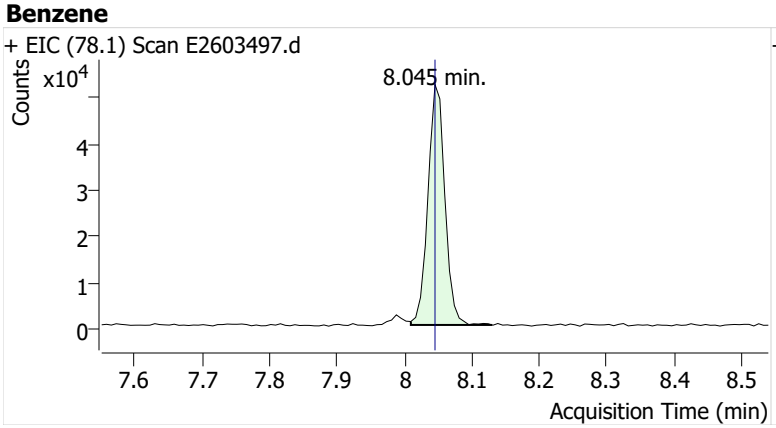
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	412,943	
Benzene	benzene-d6 (IS)	8.045	8.045	90,639	
Toluene-d8 (IS)		10.688	10.688	420,117	
Toluene	Toluene-d8 (IS)	10.781	10.781	238,691	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	36,391	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	77,016	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	29,318	

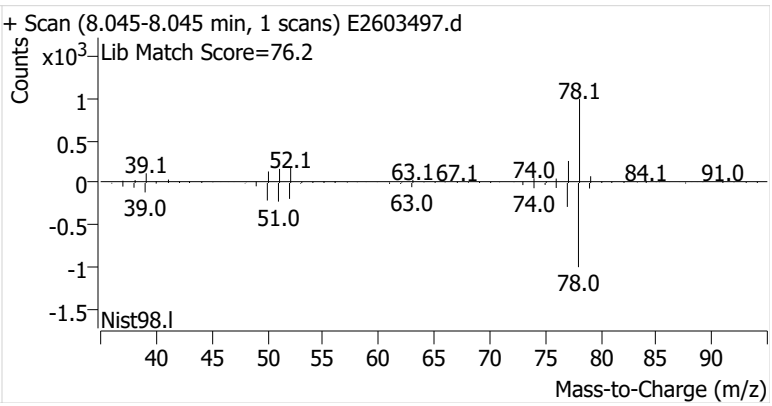
benzene-d6 (IS)



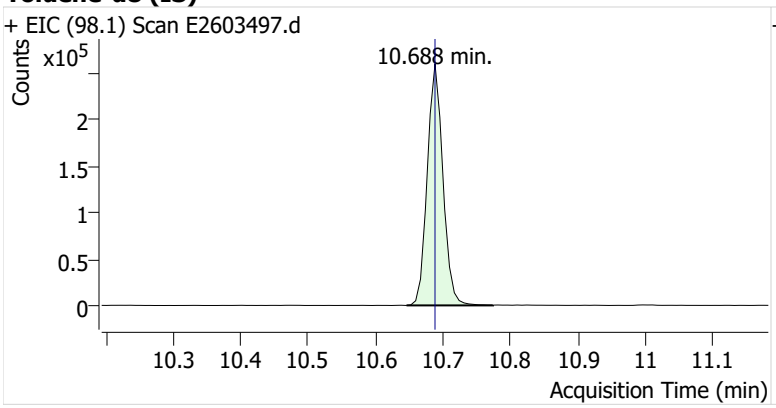


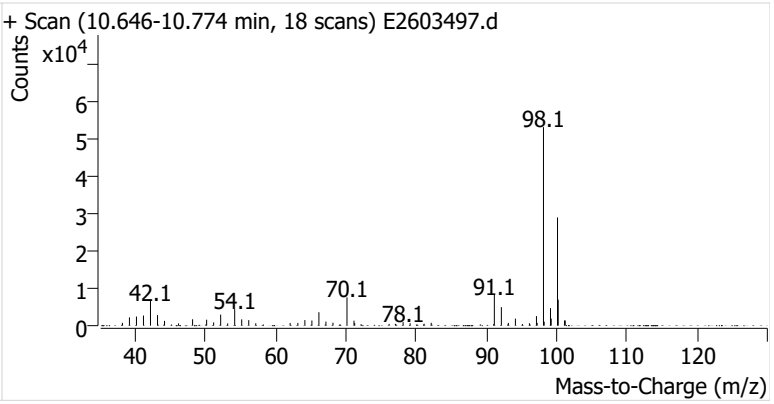
Benzene



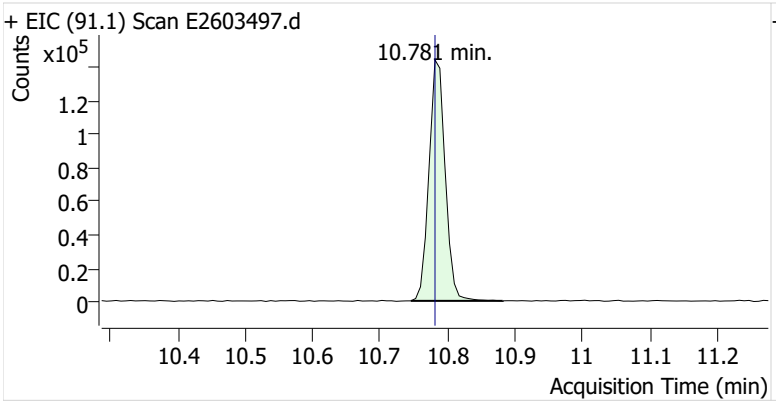


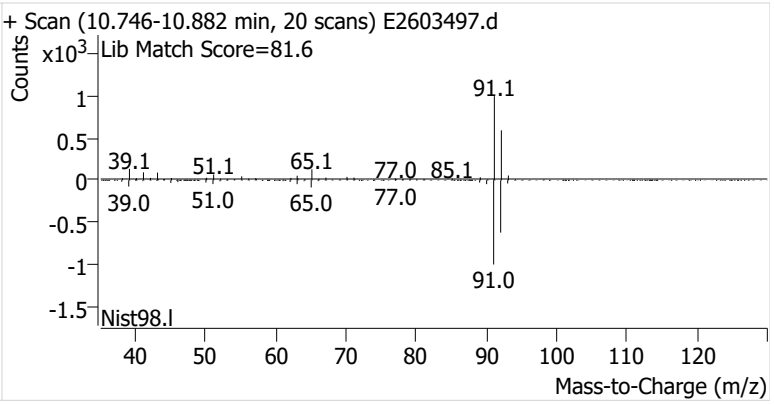
Toluene-d8 (IS)



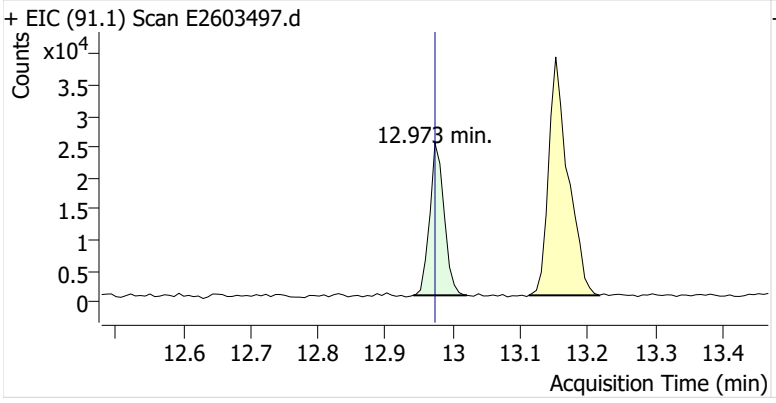


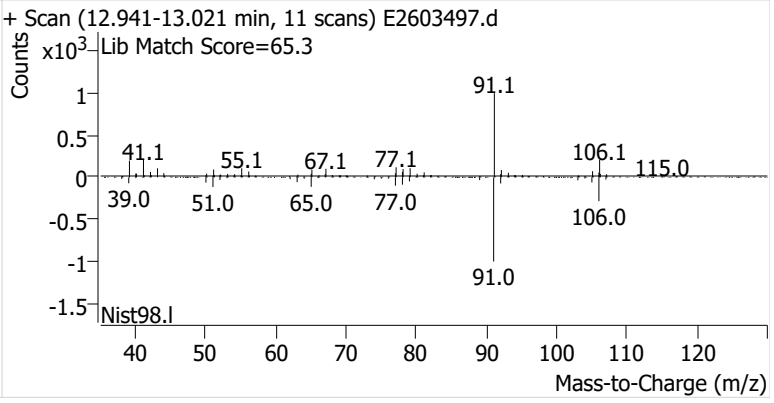
Toluene



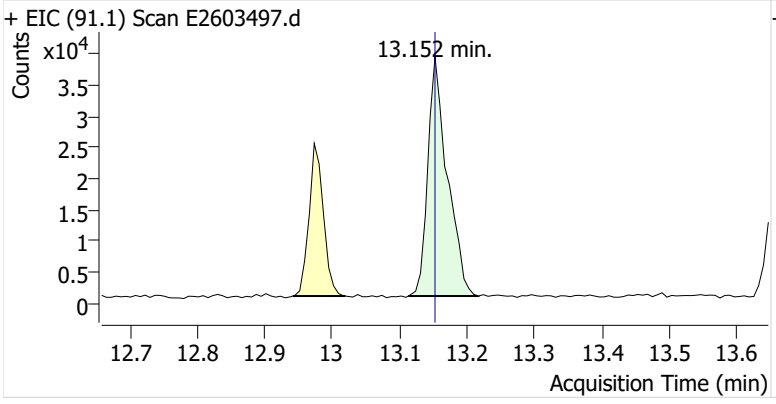


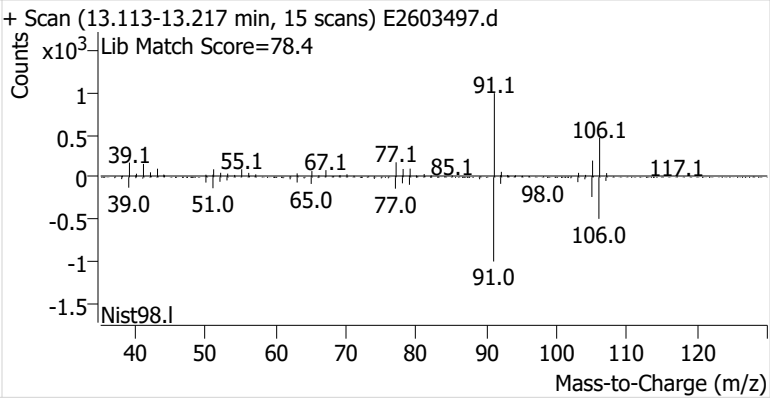
Ethylbenzene



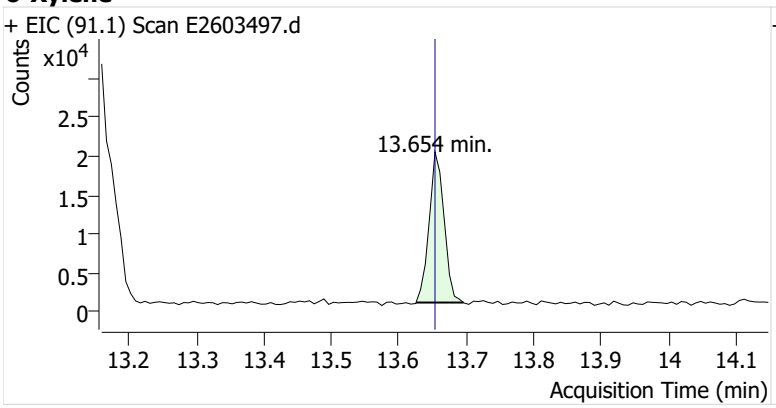


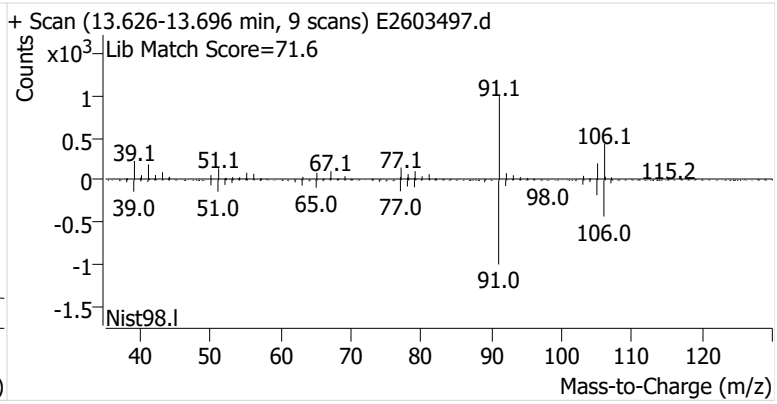
m-/p-Xylenes





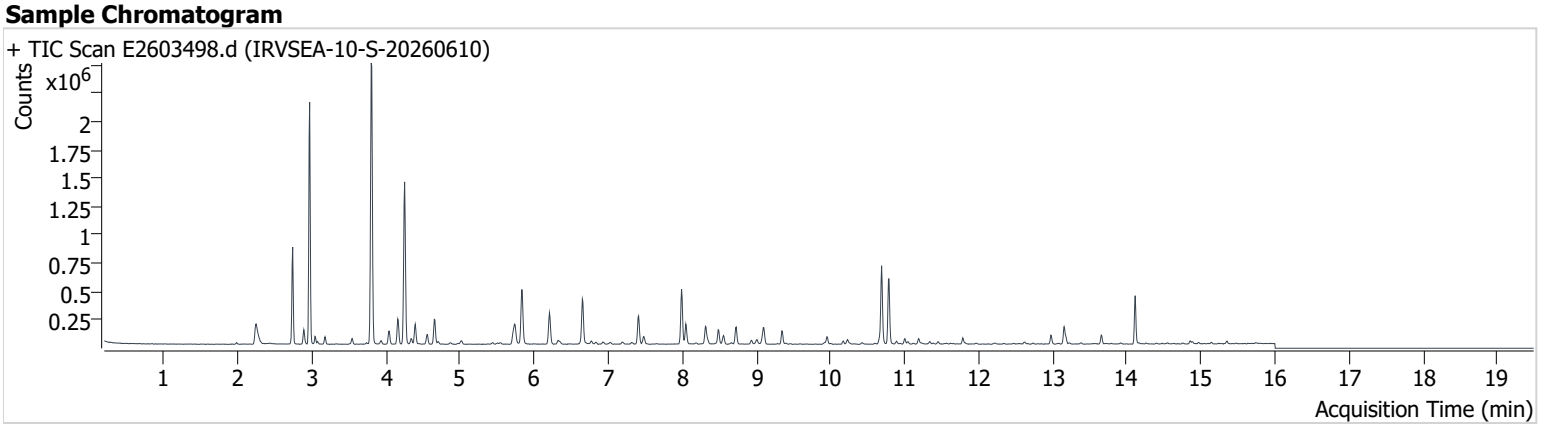
o-Xylene


+ EIC (91.1) Scan E2603497.d
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.626-13.696 min, 9 scans) E2603497.d
Lib Match Score=71.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.1
115.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

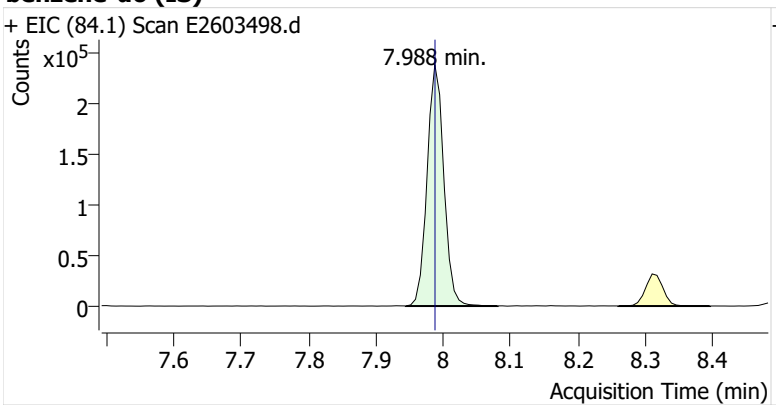
Name	IRVSEA-10-S-20260610
Comment	C36867
Data File	E2603498.d
Acq. Date-Time	6/25/2026 8:59:56 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

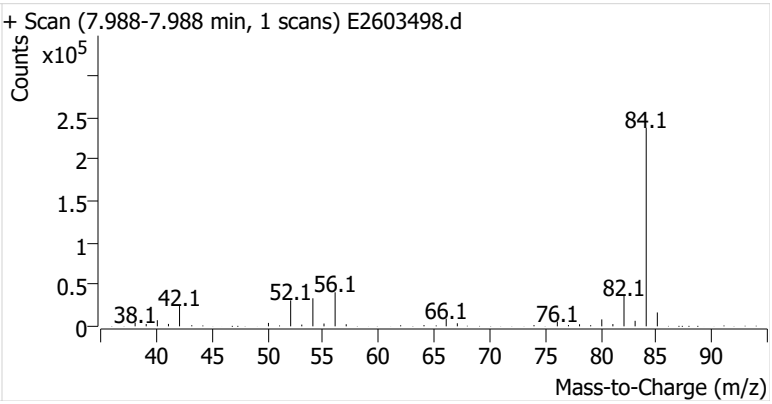
Sample Chromatogram



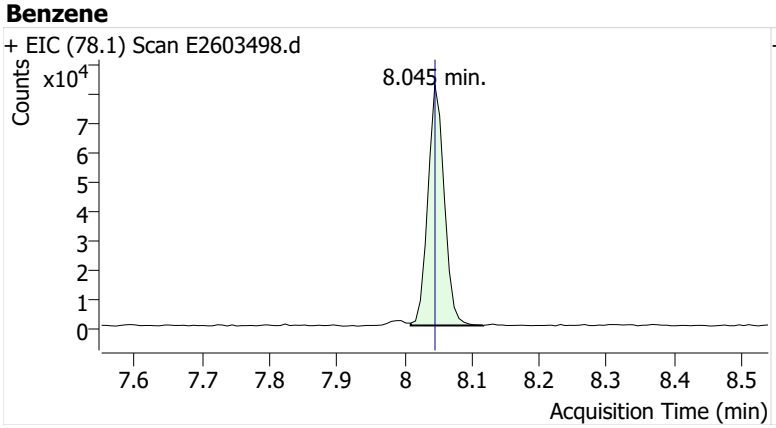
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	409,106	
Benzene	benzene-d6 (IS)	8.045	8.045	138,750	
Toluene-d8 (IS)		10.688	10.688	425,774	
Toluene	Toluene-d8 (IS)	10.781	10.781	388,350	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	54,681	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	114,842	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	45,613	

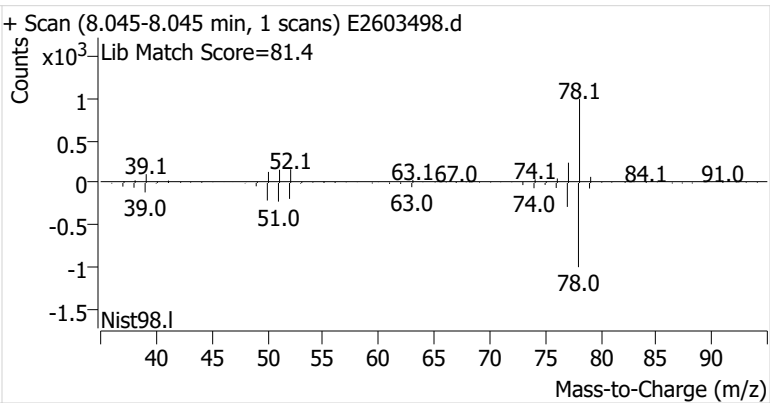
benzene-d6 (IS)



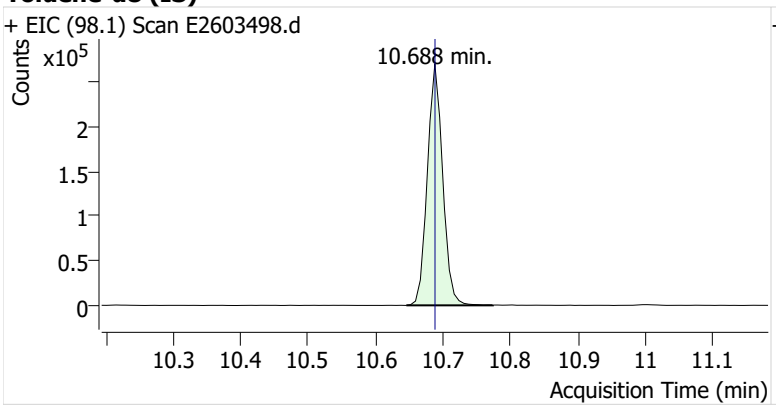


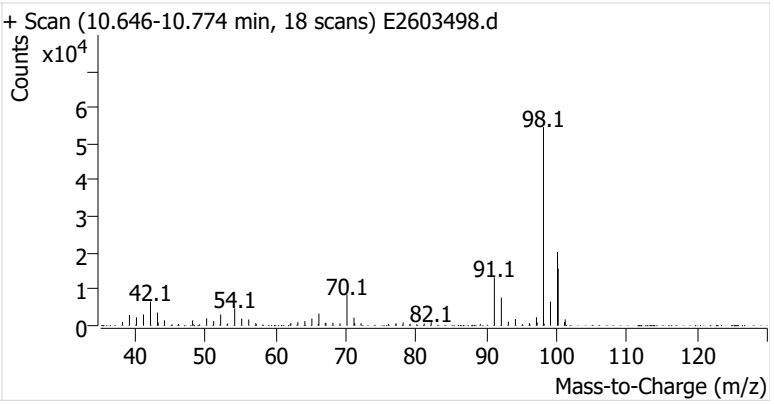
Benzene



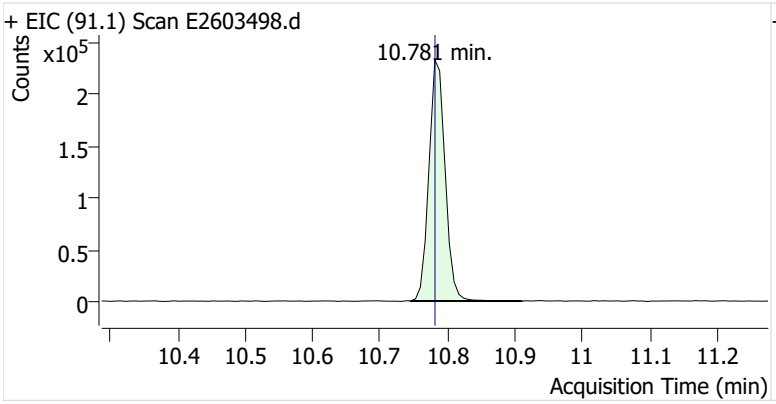


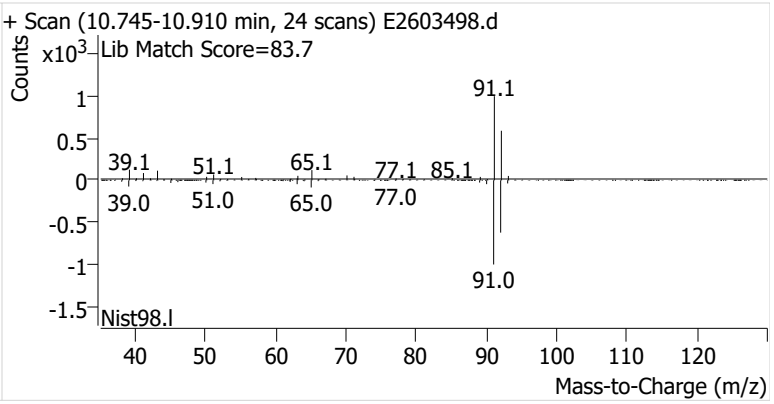
Toluene-d8 (IS)



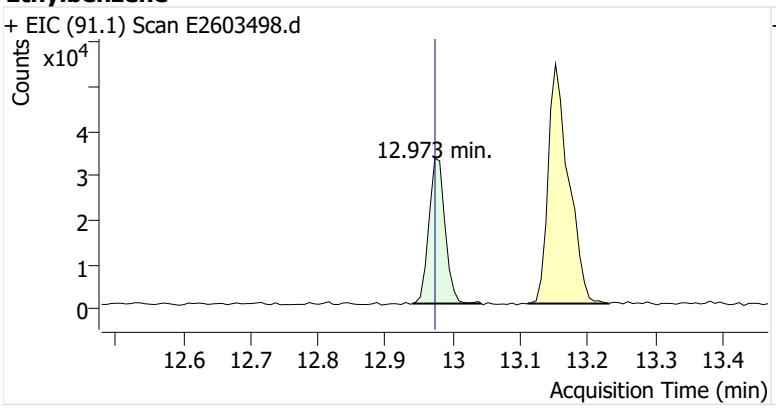


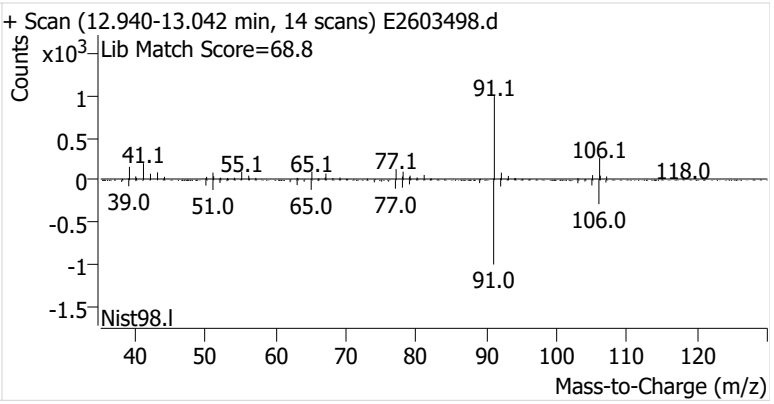
Toluene



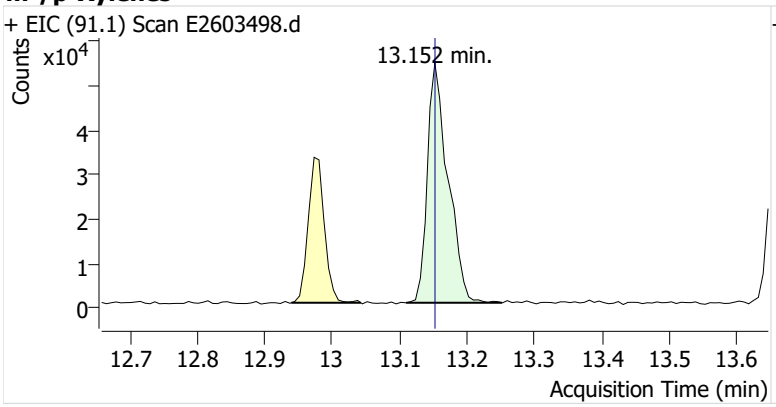


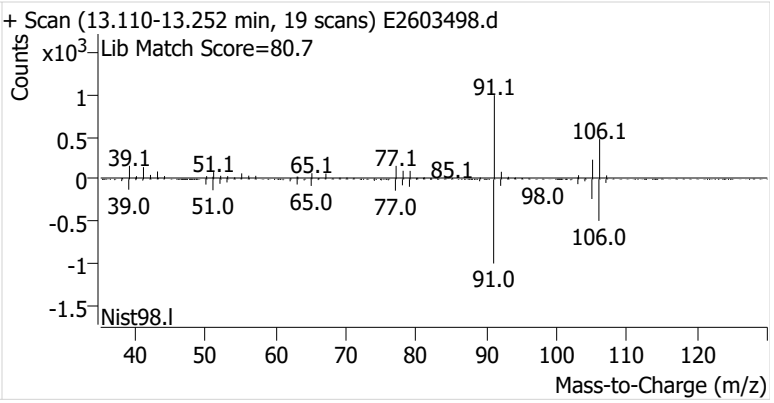
Ethylbenzene



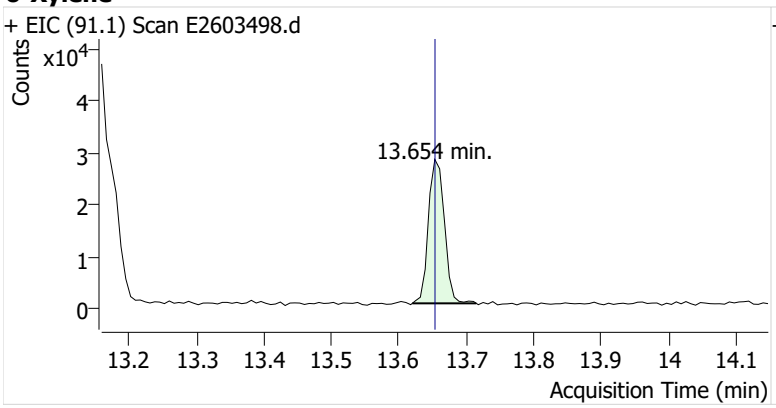


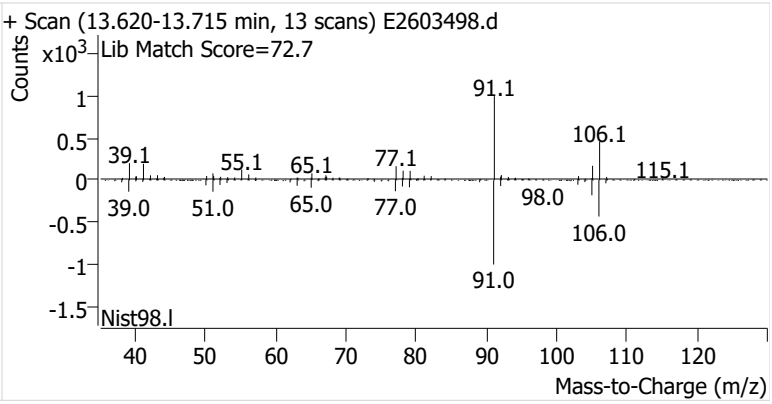
m-/p-Xylenes





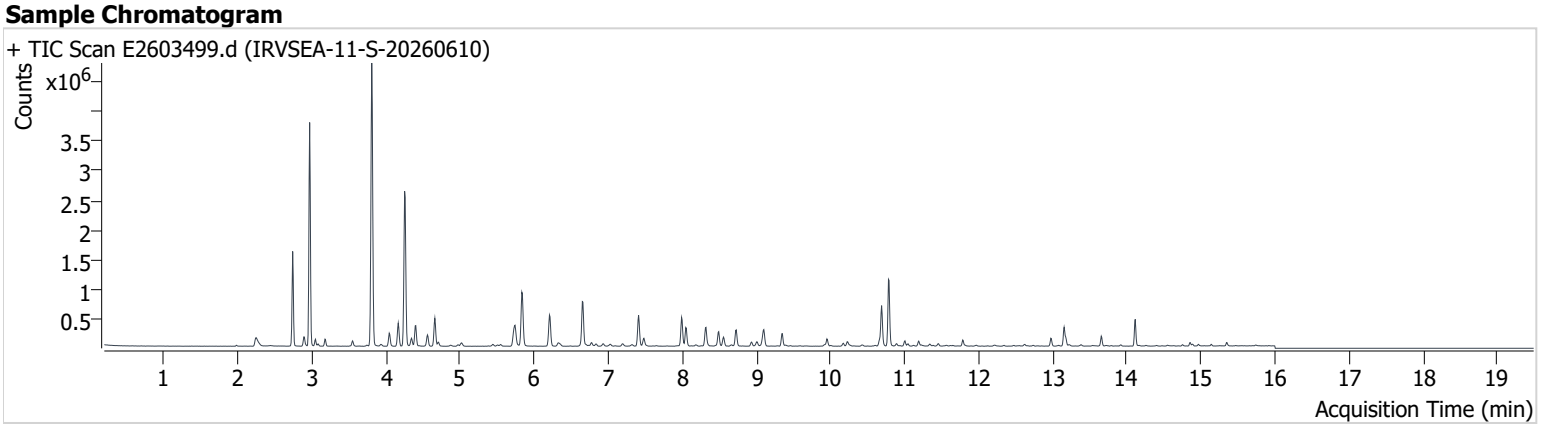
o-Xylene


+ EIC (91.1) Scan E2603498.d
Counts
x10^4
4
3
2
1
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.620-13.715 min, 13 scans) E2603498.d
Counts
x10^3
Lib Match Score=72.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

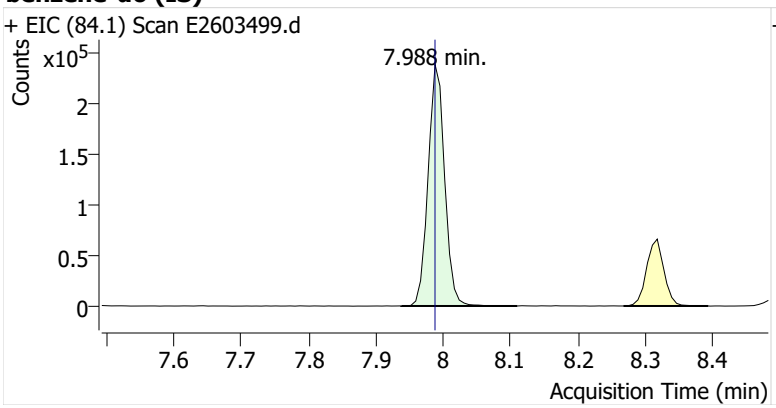
Name	IRVSEA-11-S-20260610
Comment	B19070
Data File	E2603499.d
Acq. Date-Time	6/25/2026 9:26:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

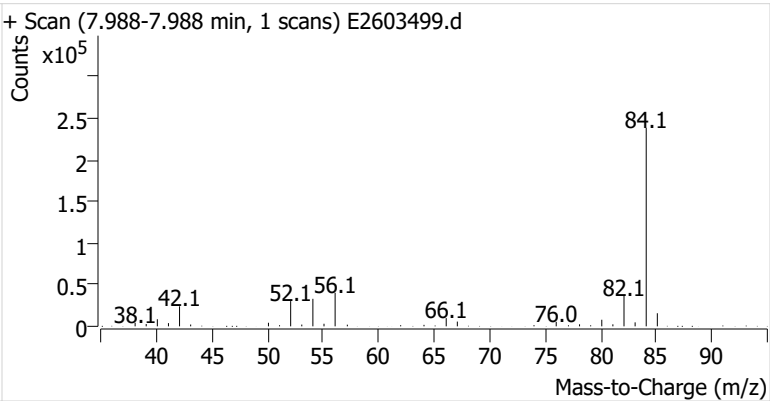
Sample Chromatogram



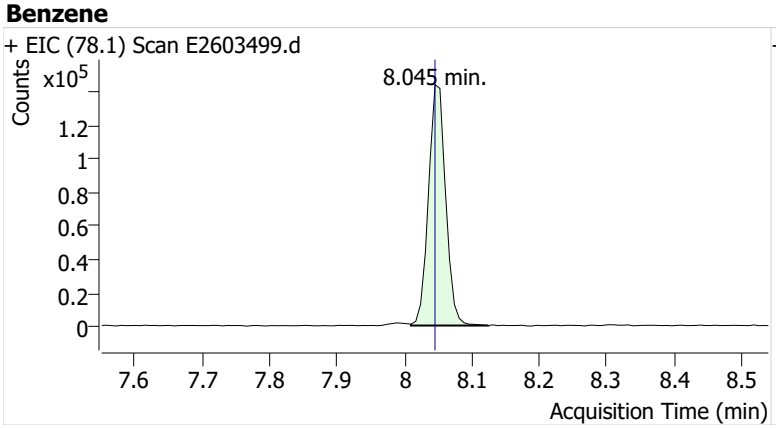
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	405,391	
Benzene	benzene-d6 (IS)	8.045	8.045	253,761	
Toluene-d8 (IS)		10.688	10.688	422,443	
Toluene	Toluene-d8 (IS)	10.782	10.781	750,807	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	92,662	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	229,676	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	91,028	

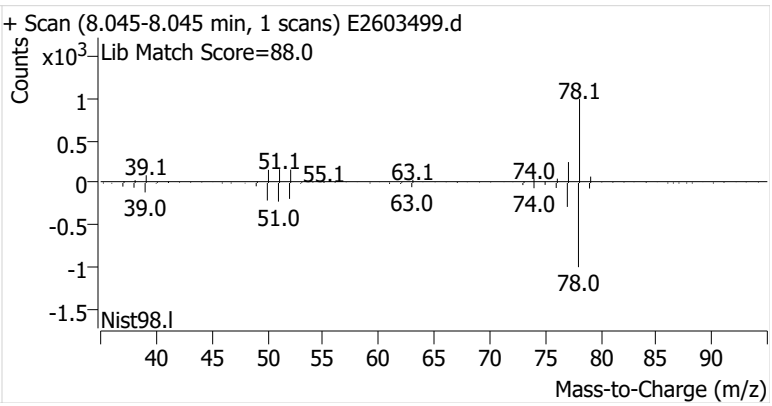
benzene-d6 (IS)



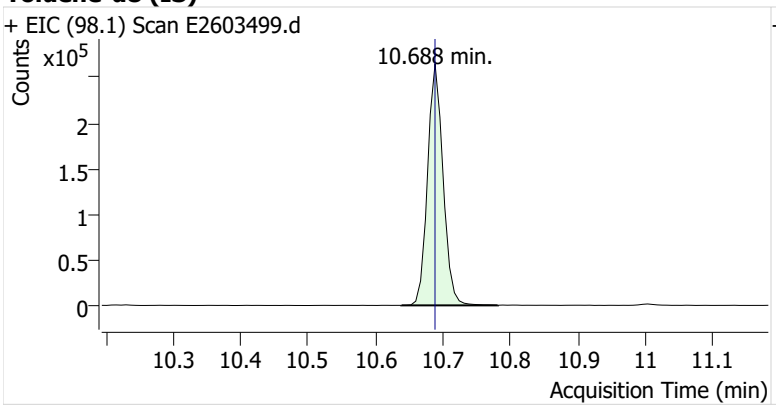


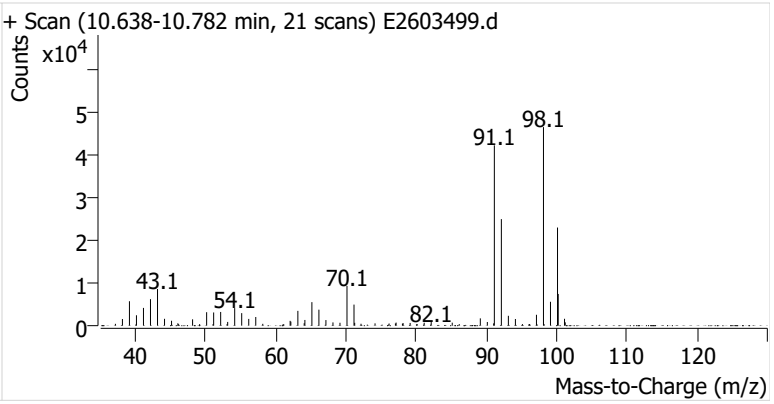
Benzene



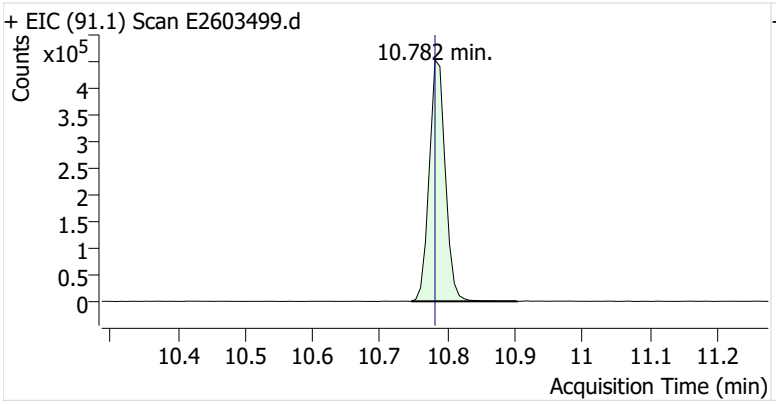


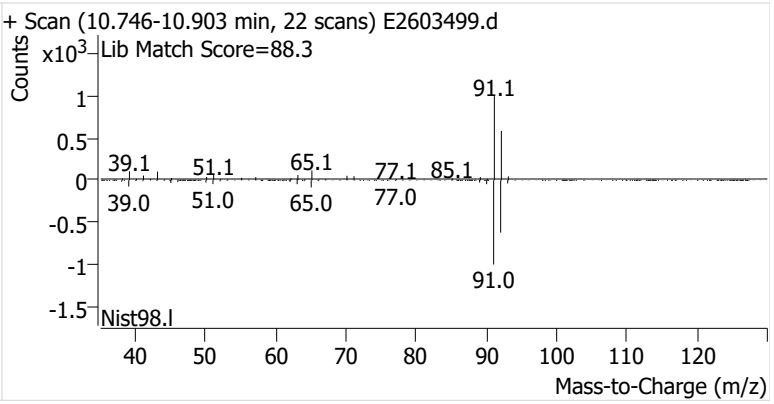
Toluene-d8 (IS)



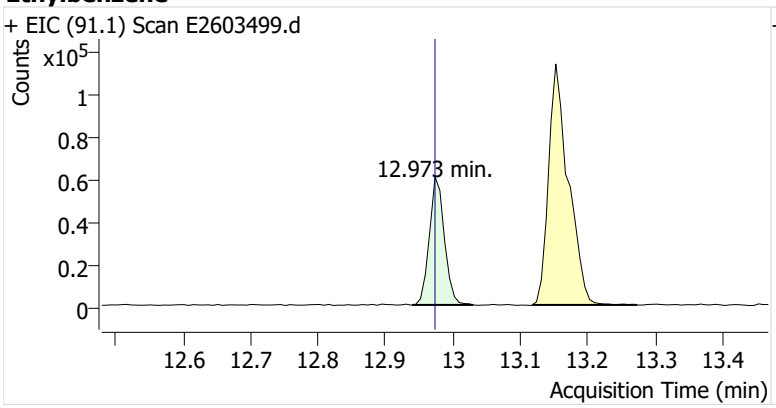


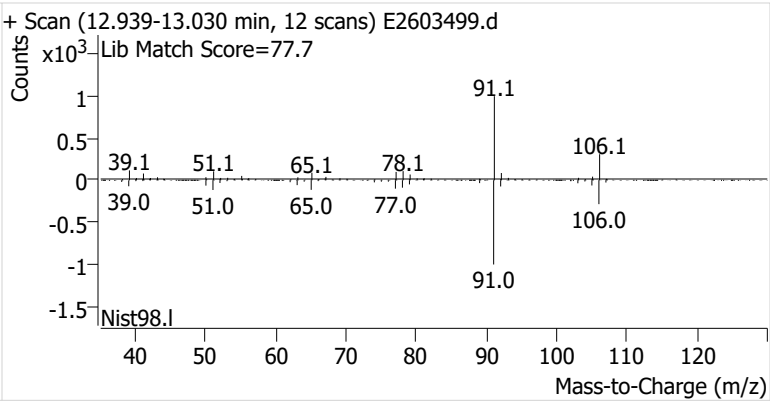
Toluene



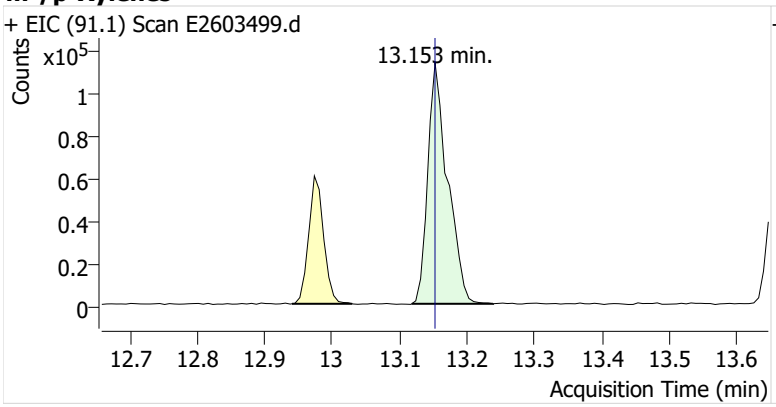


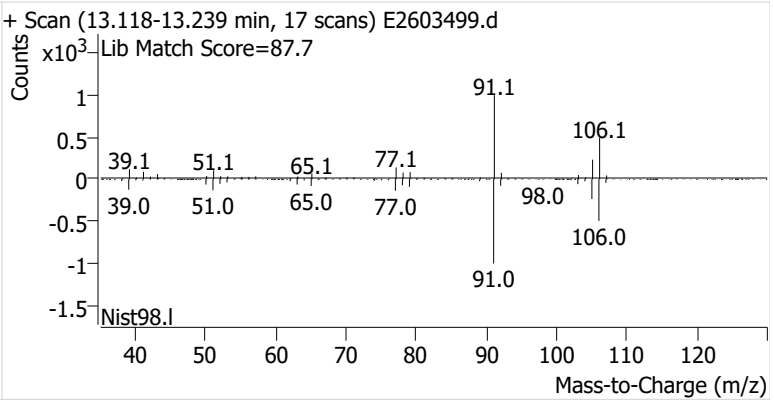
Ethylbenzene



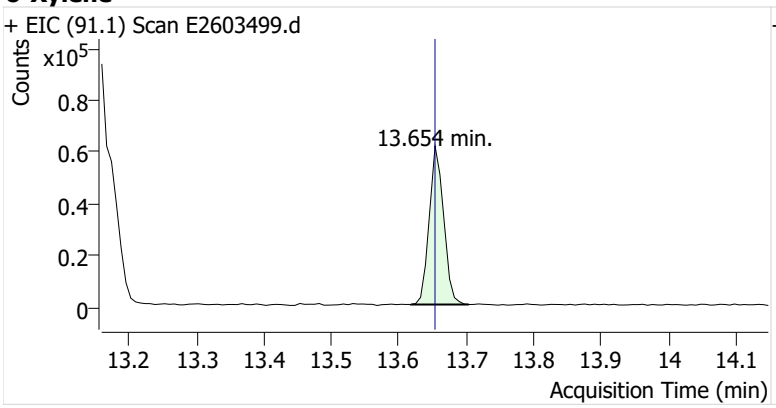


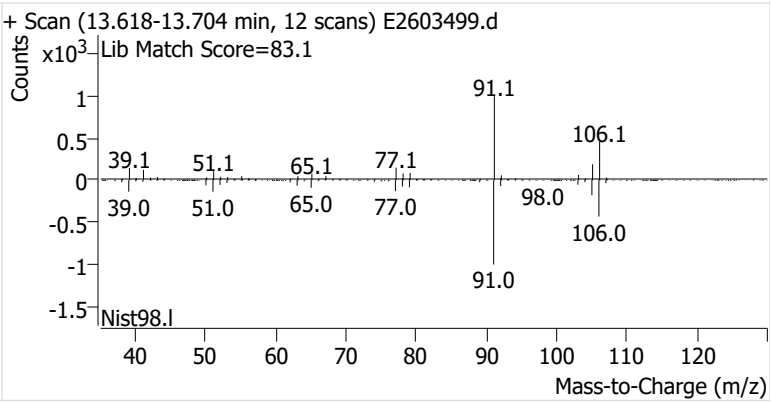
m-/p-Xylenes





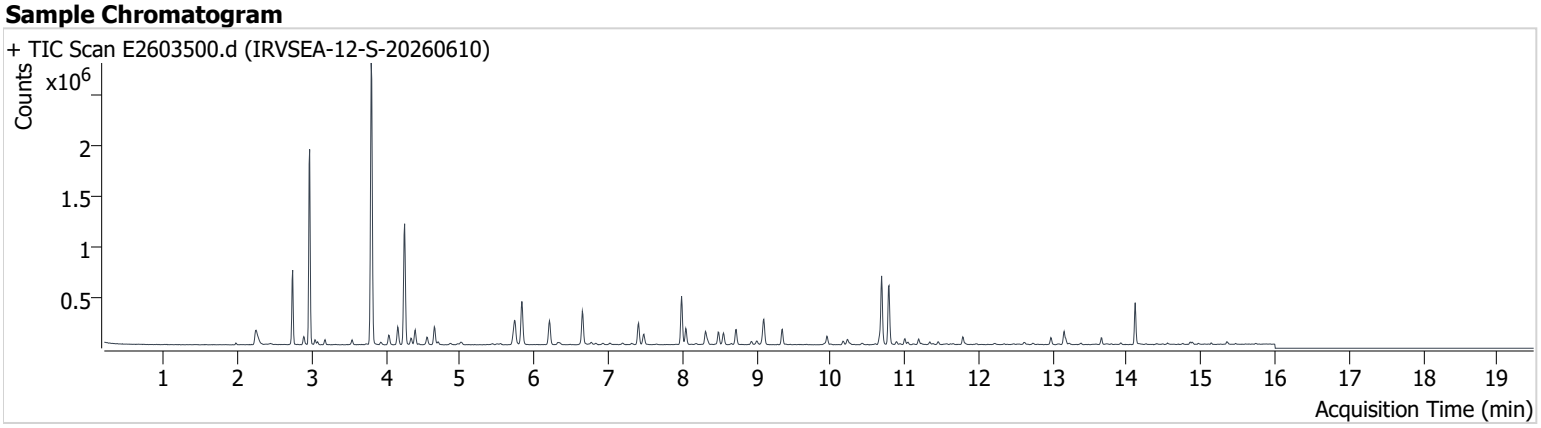
o-Xylene


+ EIC (91.1) Scan E2603499.d
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.618-13.704 min, 12 scans) E2603499.d
Counts
x10^3
Lib Match Score=83.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

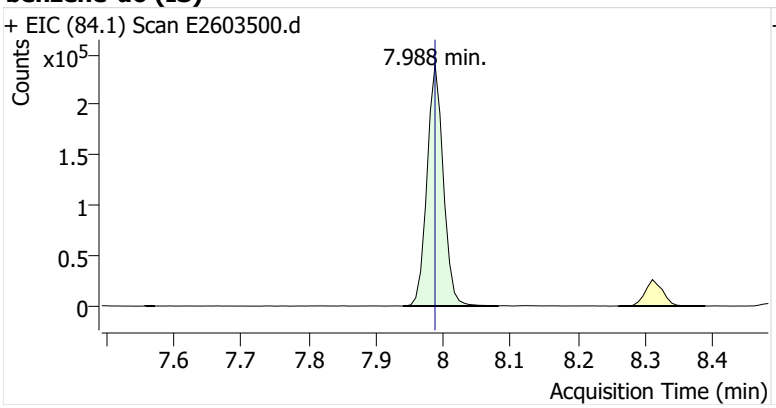
Name	IRVSEA-12-S-20260610
Comment	B46185
Data File	E2603500.d
Acq. Date-Time	6/25/2026 9:52:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

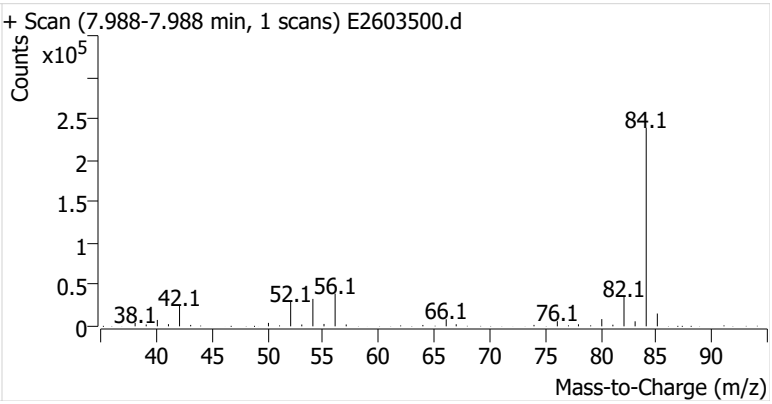
Sample Chromatogram



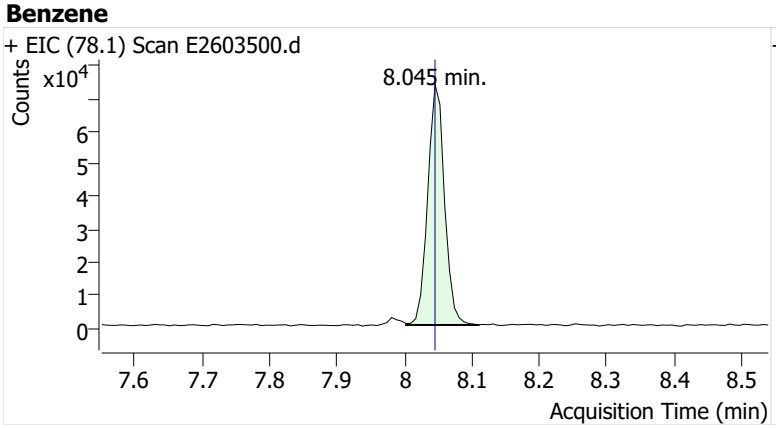
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	403,020	
Benzene	benzene-d6 (IS)	8.045	8.045	127,177	
Toluene-d8 (IS)		10.688	10.688	418,447	
Toluene	Toluene-d8 (IS)	10.782	10.781	372,318	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	47,260	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	93,741	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	35,712	

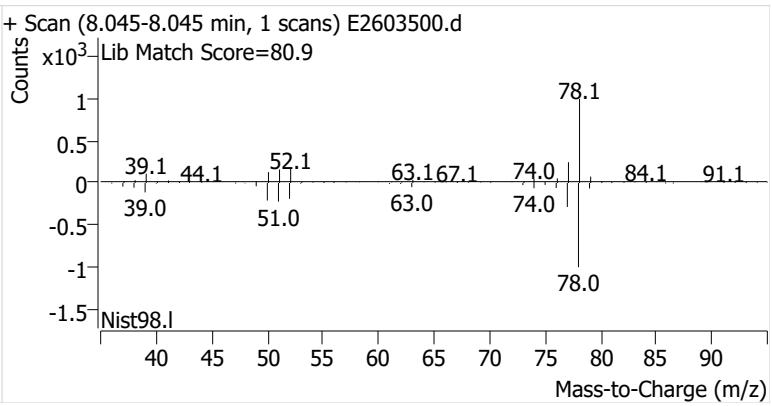
benzene-d6 (IS)



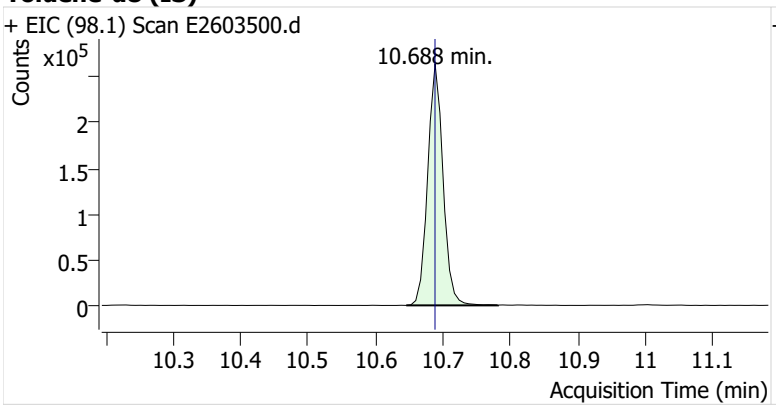


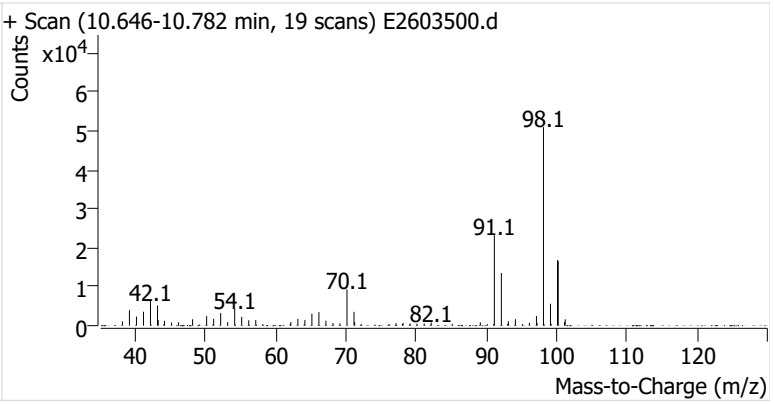
Benzene



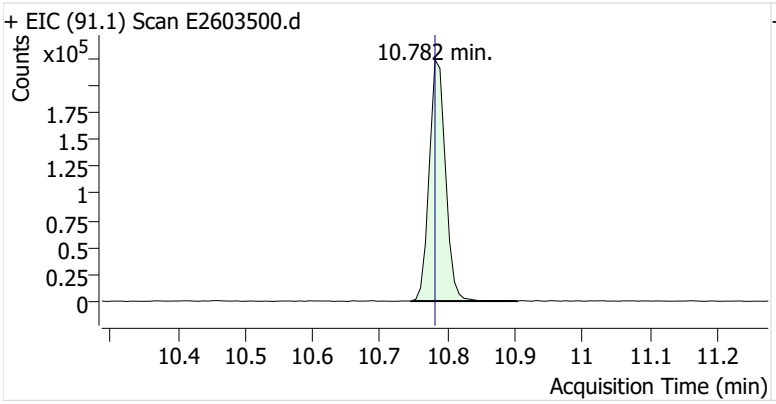


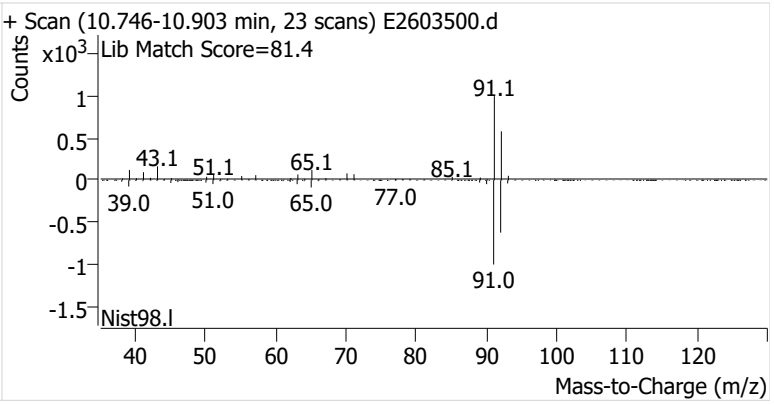
Toluene-d8 (IS)



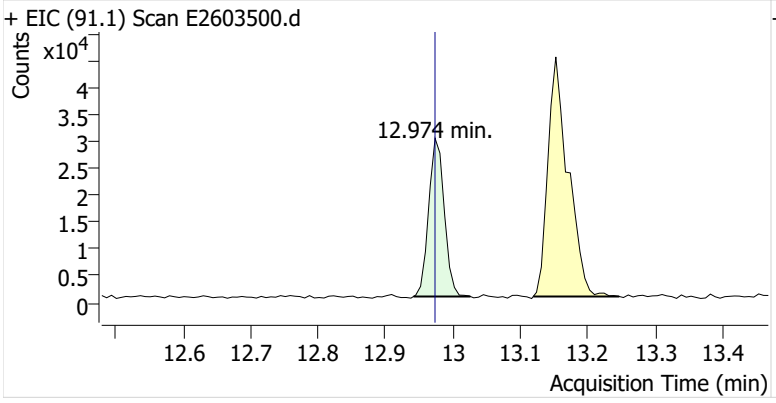


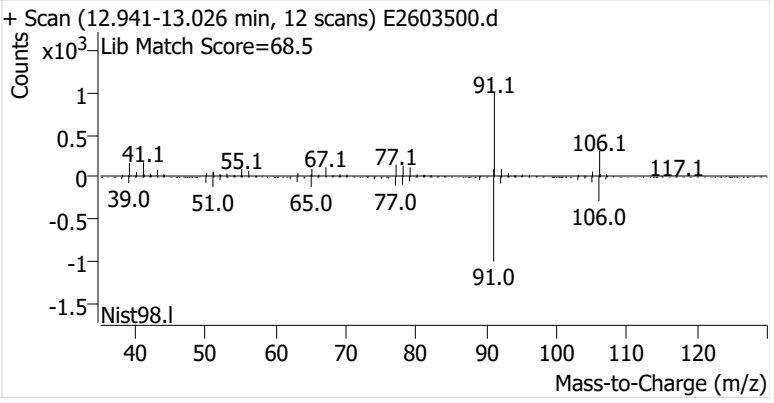
Toluene



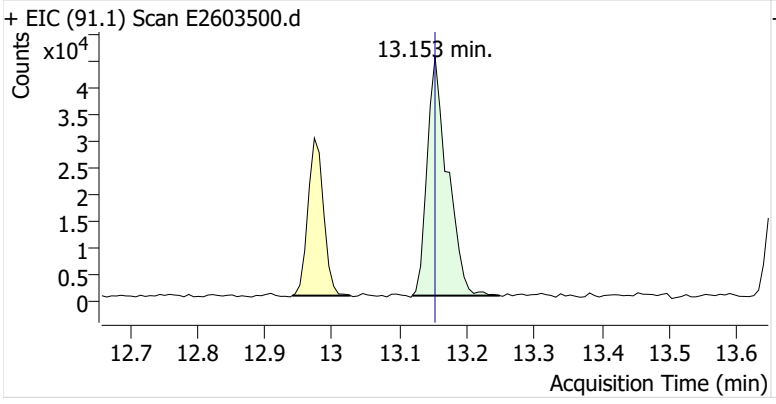


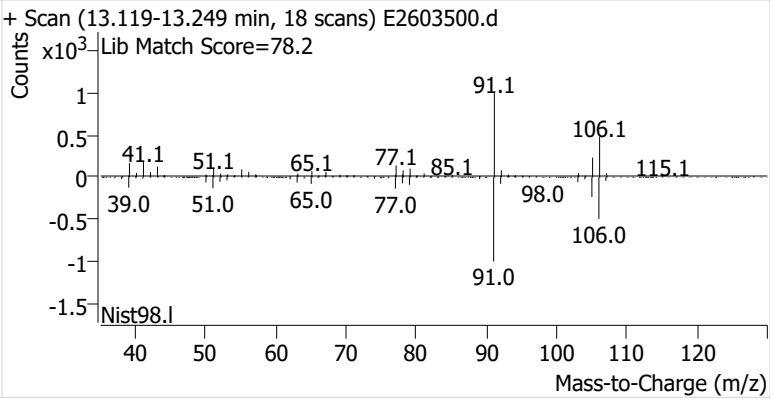
Ethylbenzene



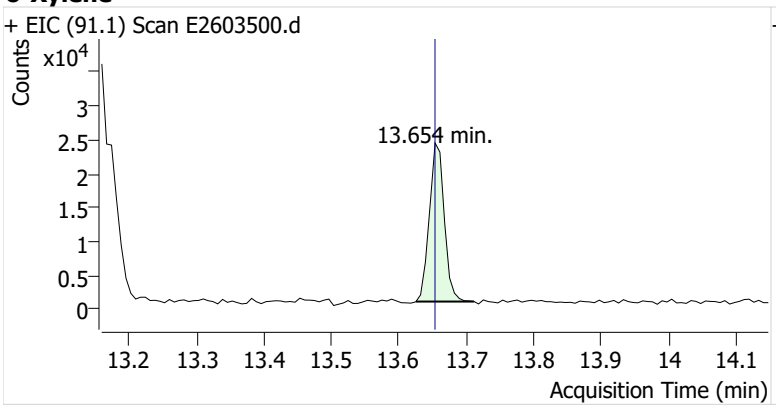


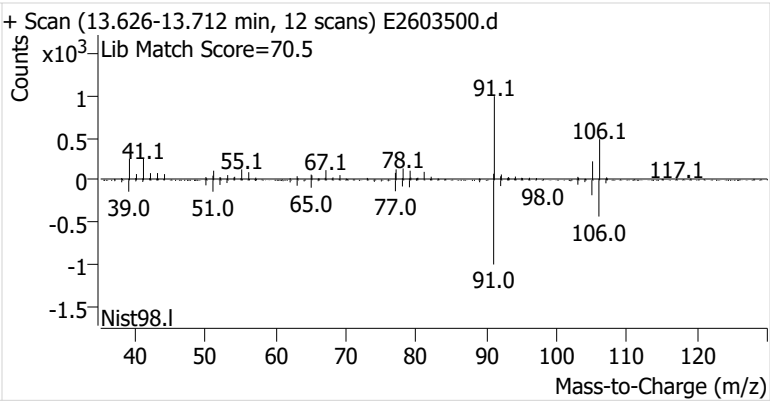
m-/p-Xylenes





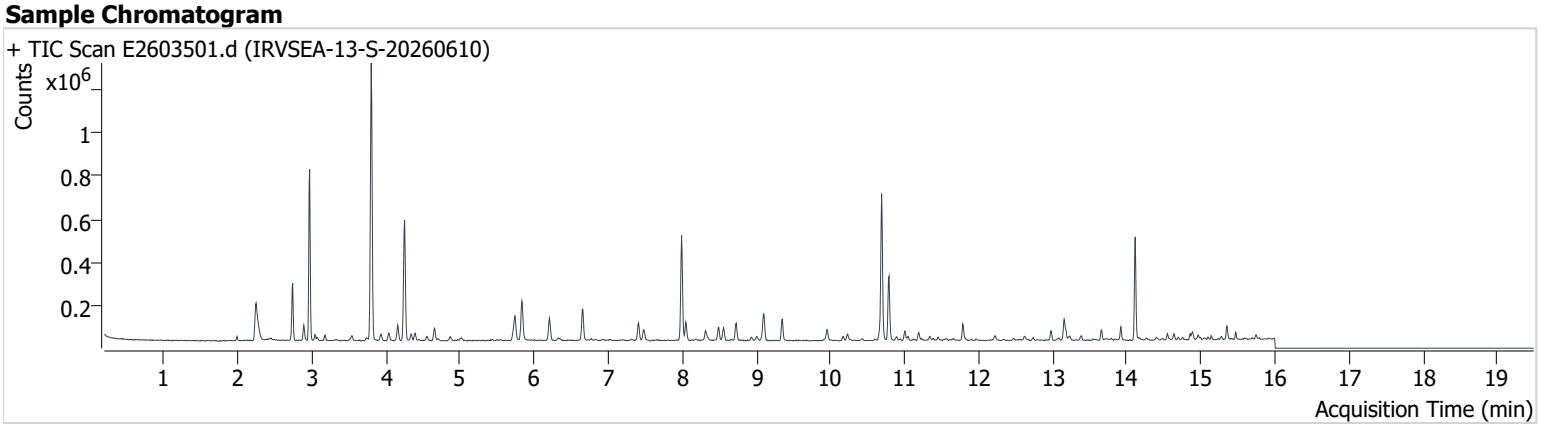
o-Xylene


+ EIC (91.1) Scan E2603500.d
Counts
x10^4
13.654 min.
Acquisition Time (min)


+ Scan (13.626-13.712 min, 12 scans) E2603500.d
Lib Match Score=70.5
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
78.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

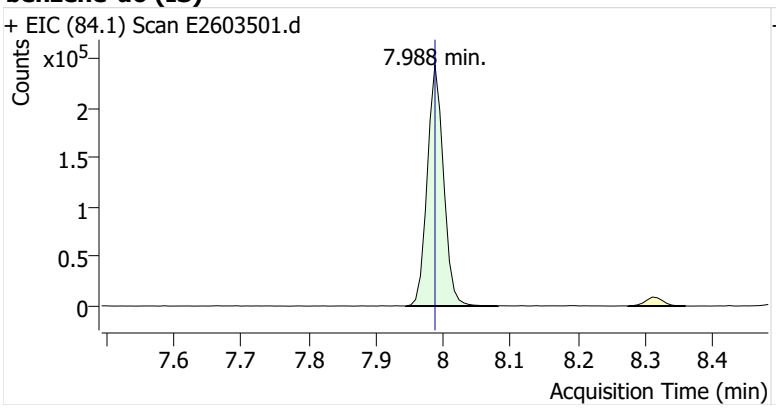
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Acq. Date-Time	6/25/2026 10:19:48 PM
Acq. Method File	M325B-MTD
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Analyze Quant Version	12.1
Report Quant Version	12.1

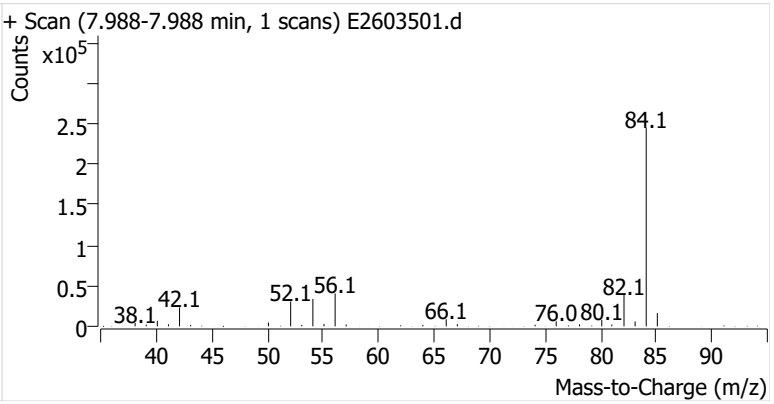
Sample Chromatogram



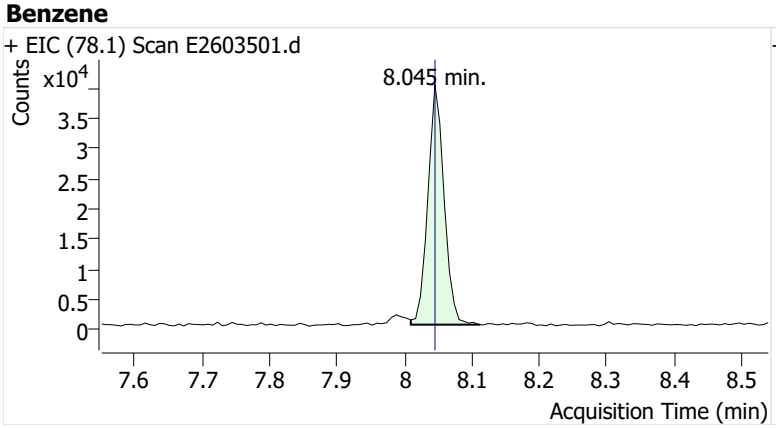
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	409,787	
Benzene	benzene-d6 (IS)	8.045	8.045	66,362	
Toluene-d8 (IS)		10.688	10.688	420,358	
Toluene	Toluene-d8 (IS)	10.781	10.781	185,661	
Ethylbenzene	Toluene-d8 (IS)	12.980	12.973	27,638	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	75,197	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	26,440	

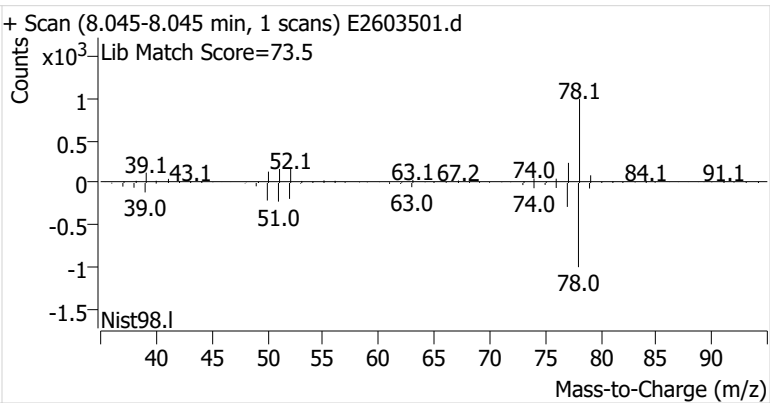
benzene-d6 (IS)



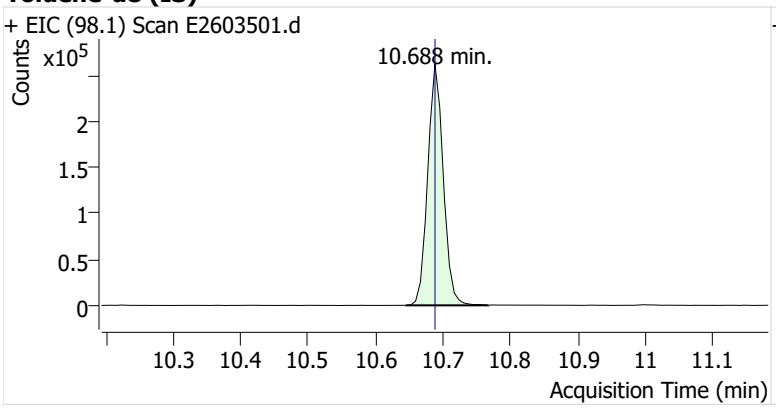


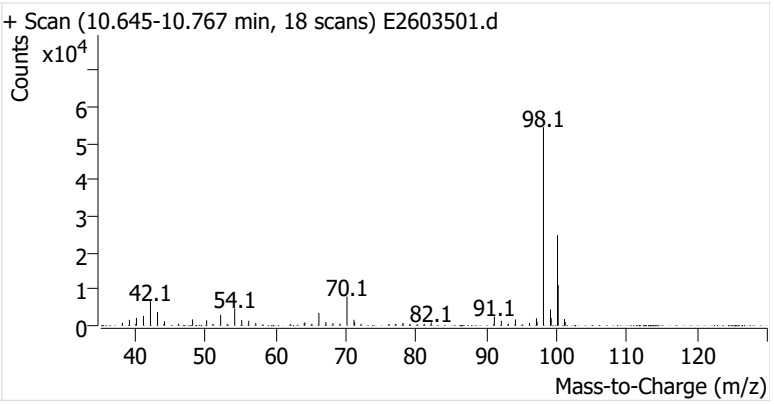
Benzene



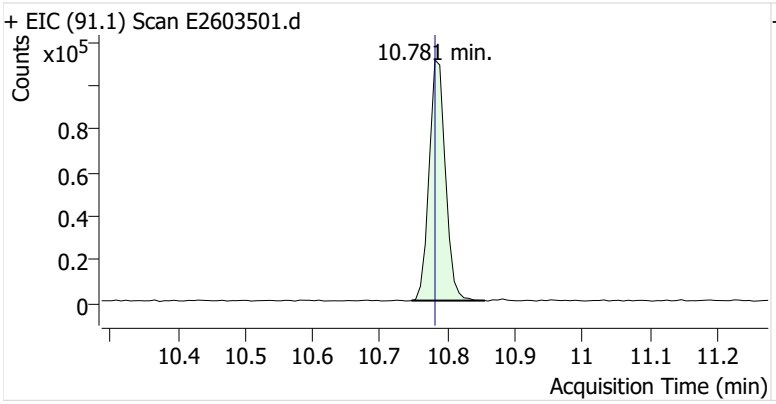


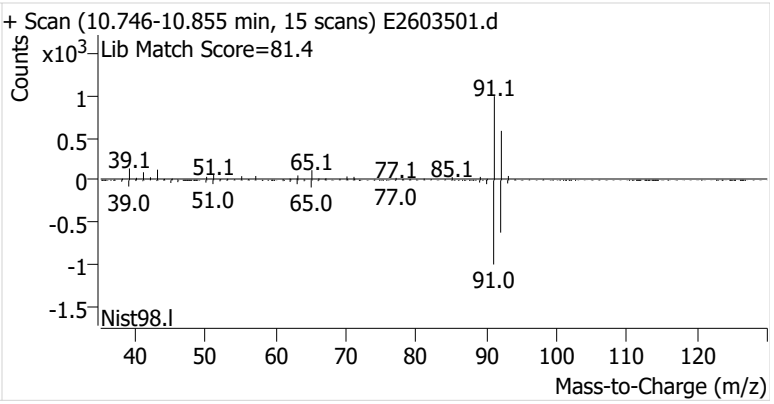
Toluene-d8 (IS)



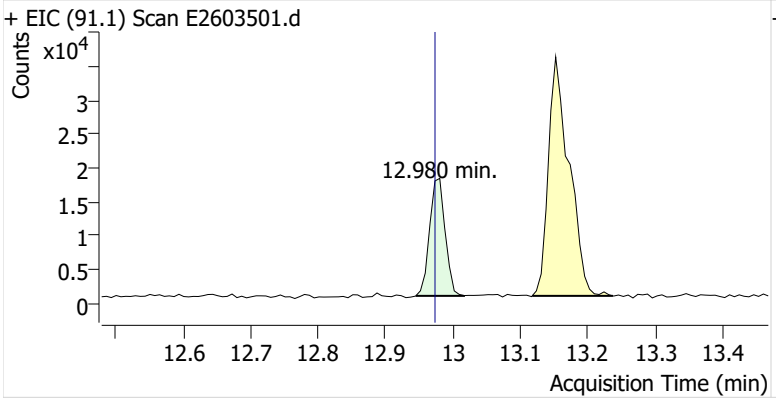


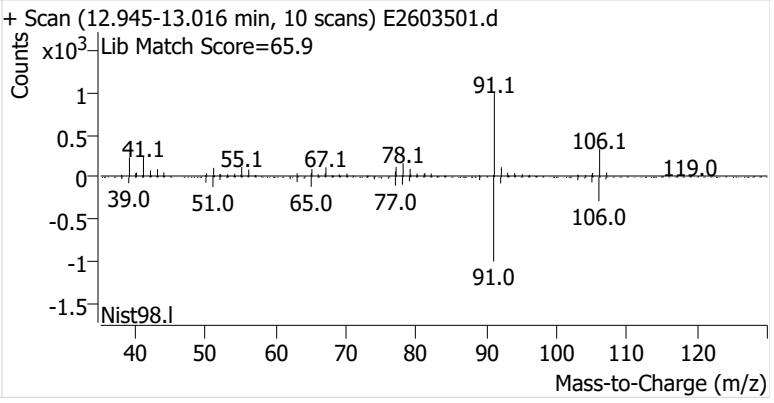
Toluene



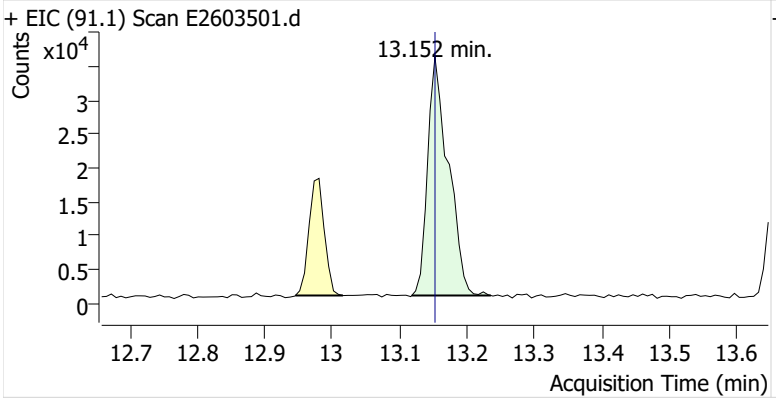


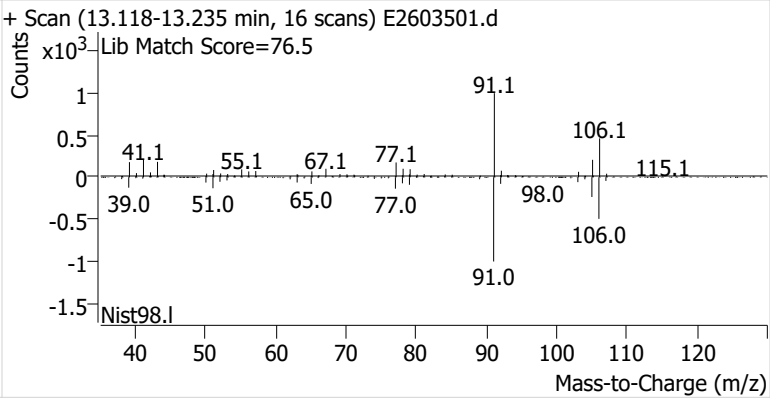
Ethylbenzene



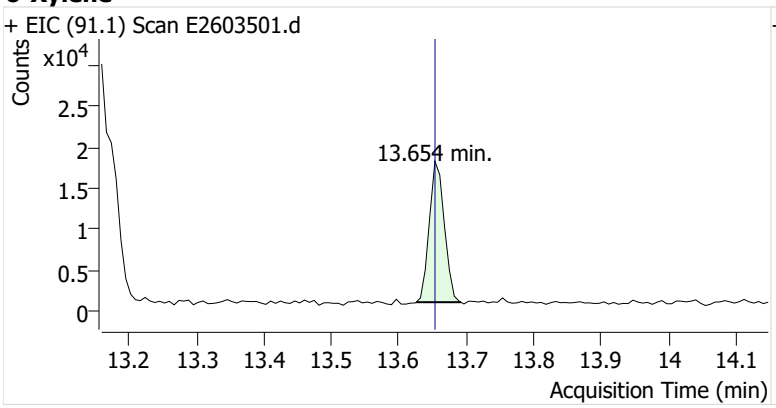


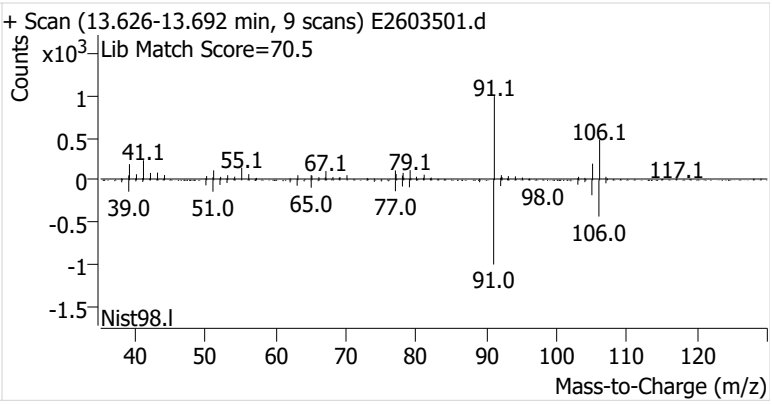
m-/p-Xylenes





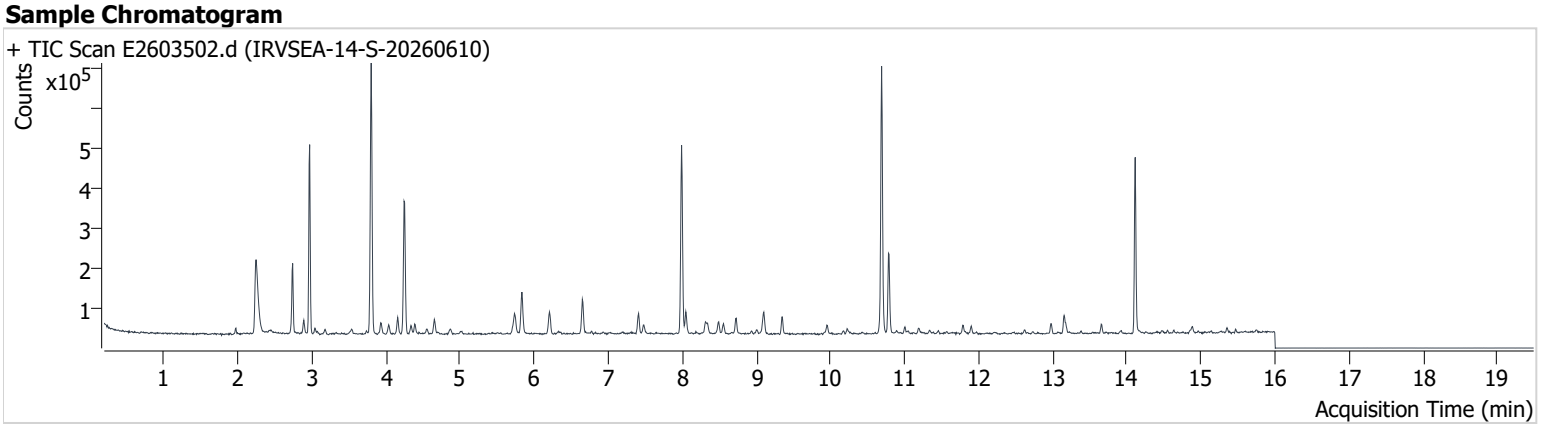
o-Xylene


+ EIC (91.1) Scan E2603501.d
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.654 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.626-13.692 min, 9 scans) E2603501.d
Lib Match Score=70.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

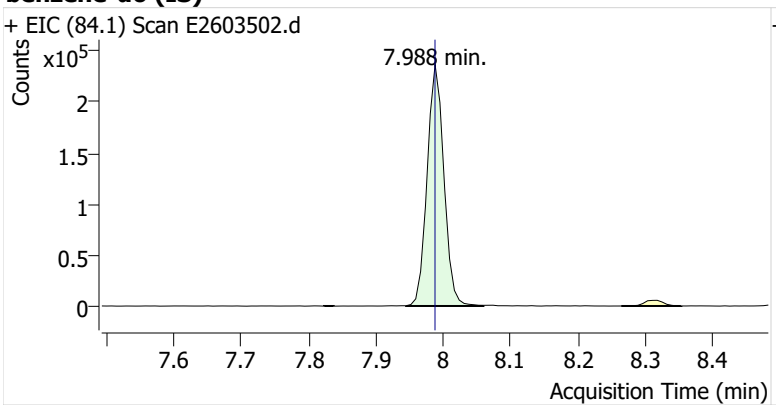
Name	IRVSEA-14-S-20260610
Comment	C40136
Data File	E2603502.d
Acq. Date-Time	6/25/2026 10:46:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

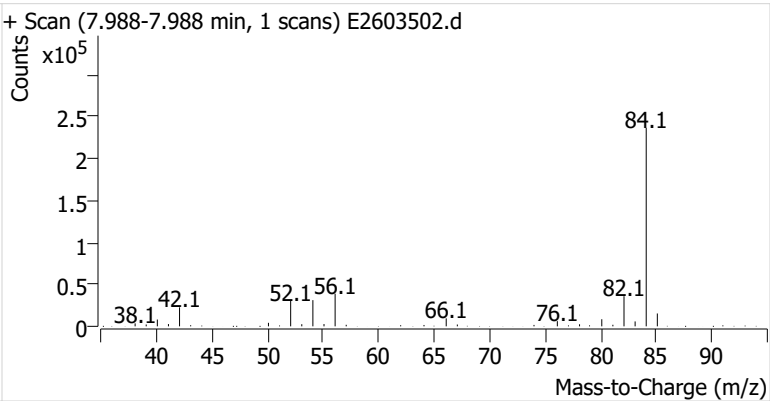
Sample Chromatogram



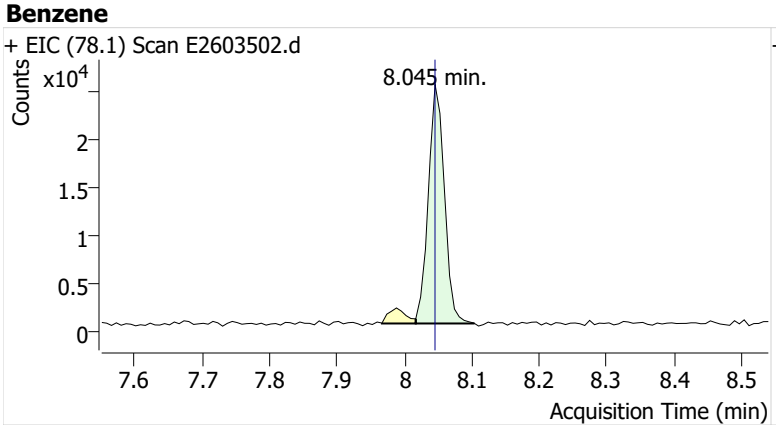
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	409,206	
Benzene	benzene-d6 (IS)	8.045	8.045	41,423	
Toluene-d8 (IS)		10.688	10.688	423,584	
Toluene	Toluene-d8 (IS)	10.782	10.781	135,402	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.973	17,960	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	34,493	
o-Xylene	Toluene-d8 (IS)	13.661	13.654	12,772	

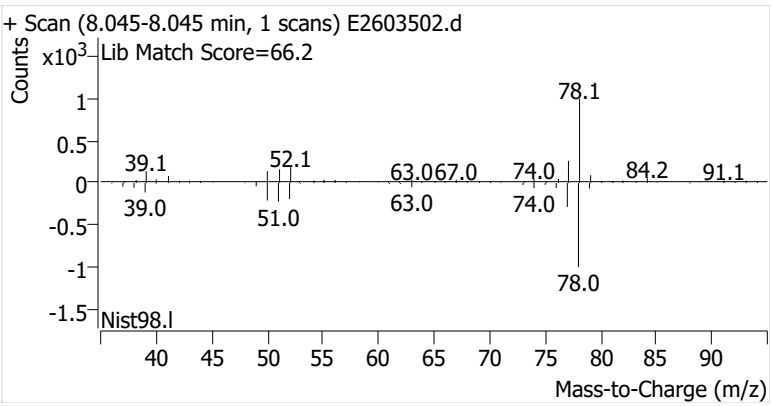
benzene-d6 (IS)



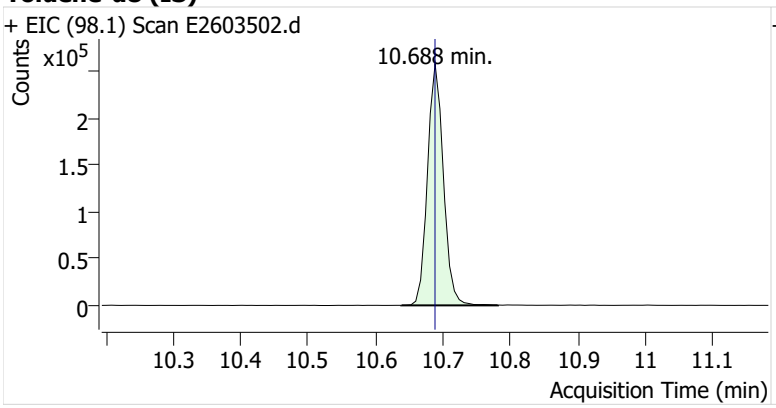


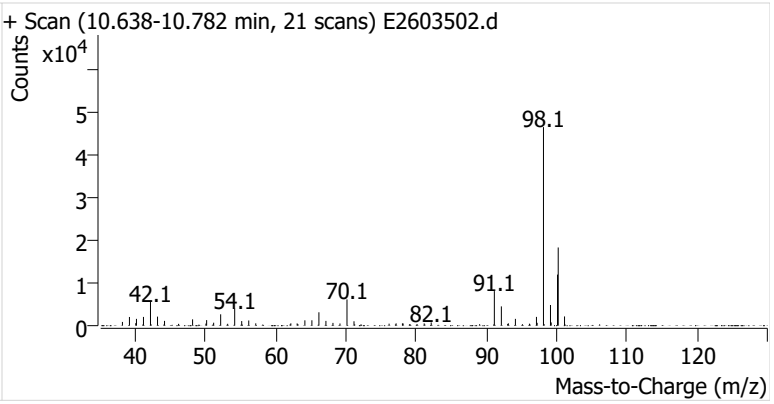
Benzene



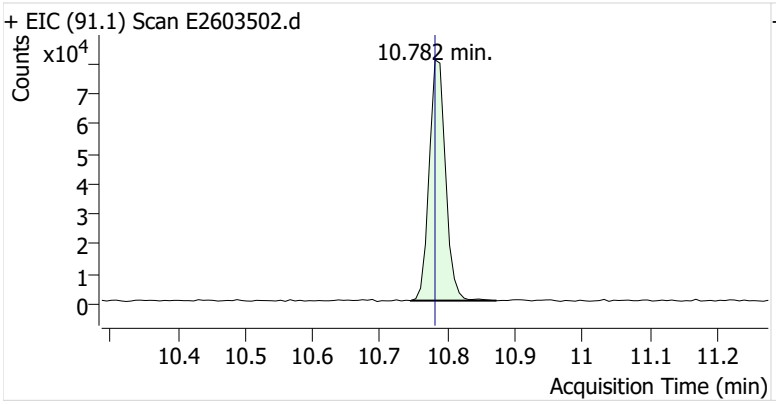


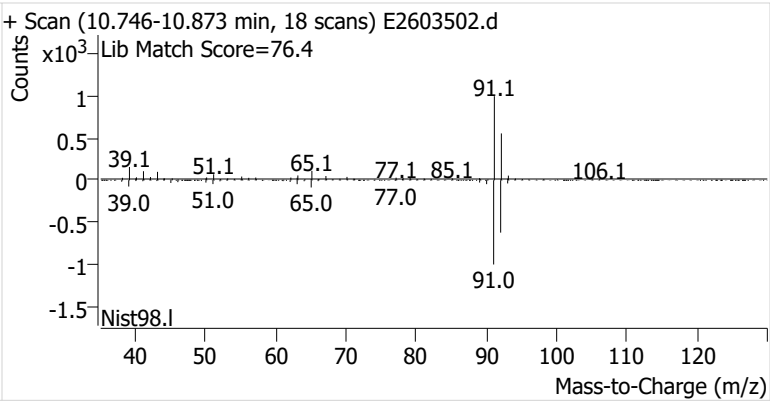
Toluene-d8 (IS)



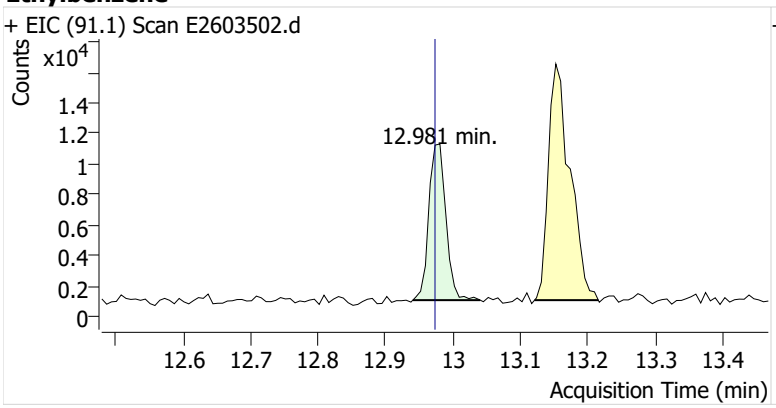


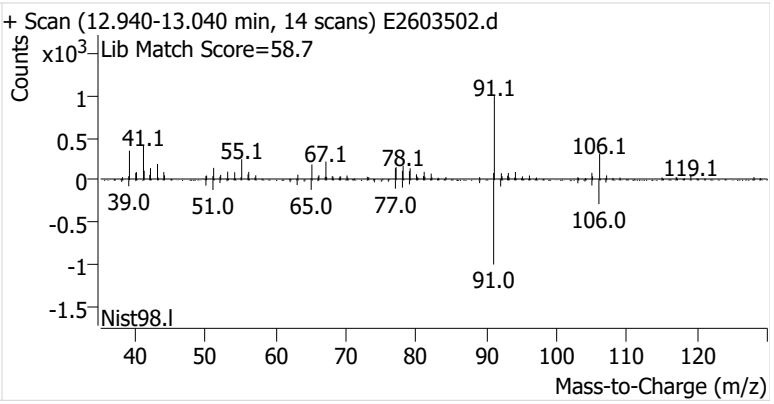
Toluene



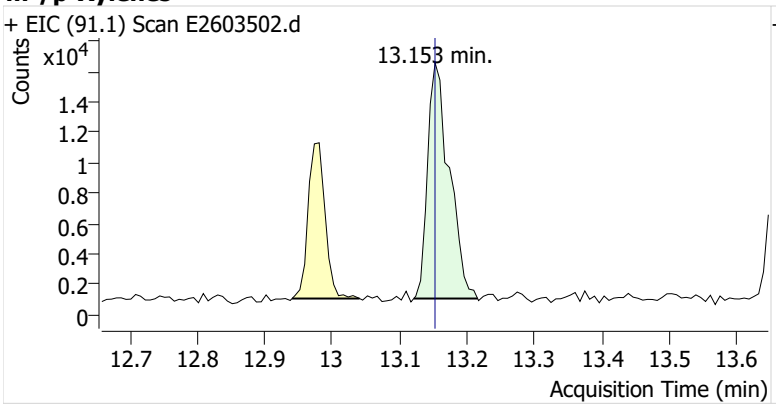


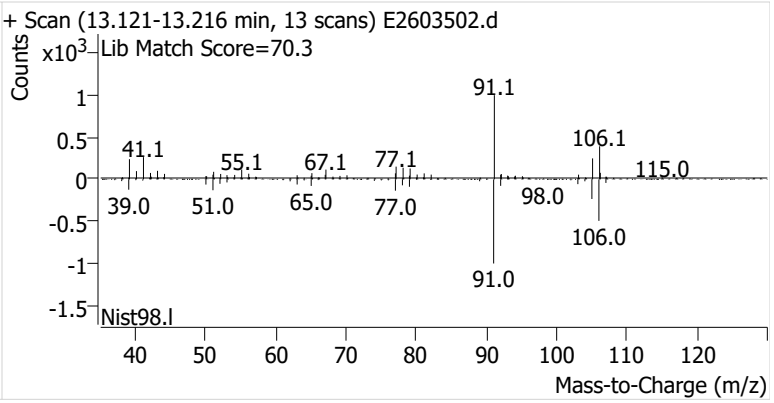
Ethylbenzene



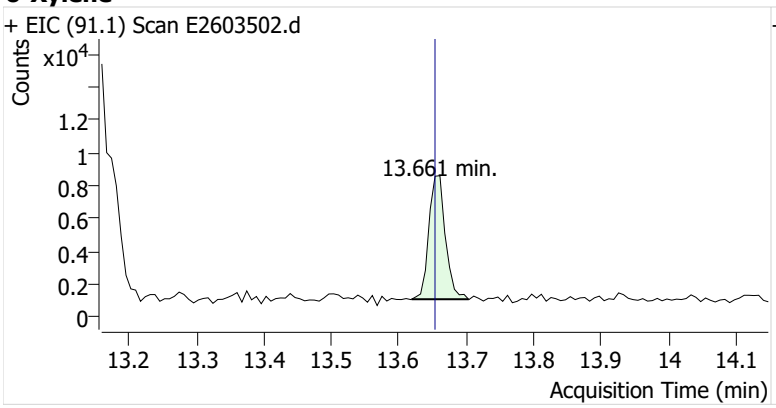


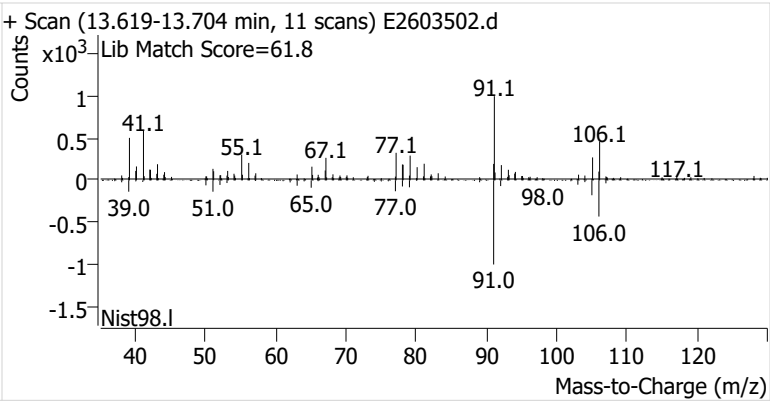
m-/p-Xylenes





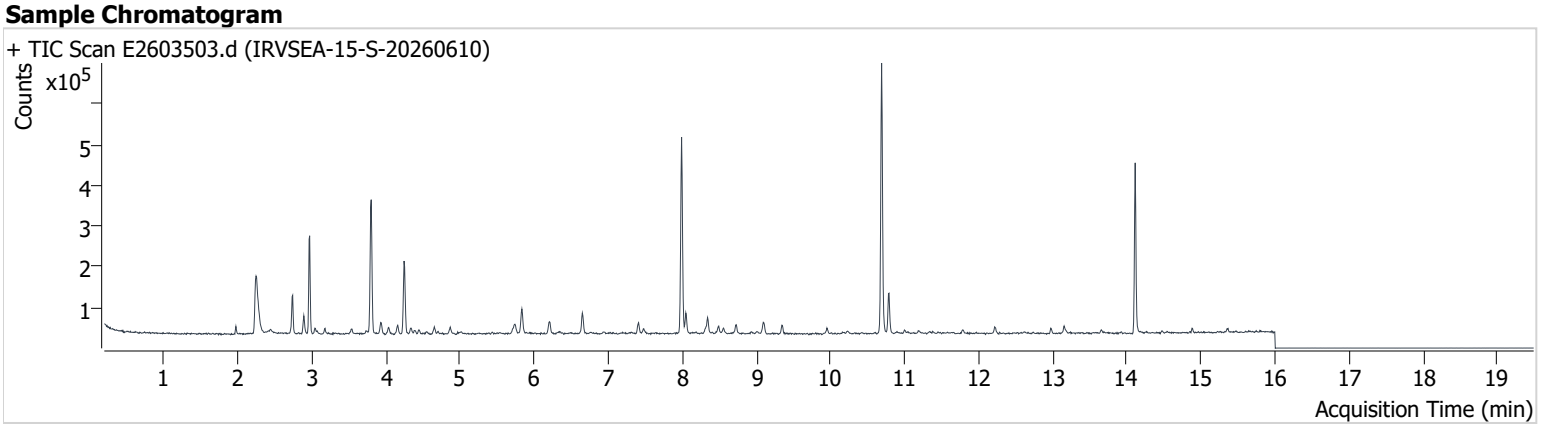
o-Xylene


+ EIC (91.1) Scan E2603502.d
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.661 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.619-13.704 min, 11 scans) E2603502.d
Lib Match Score=61.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

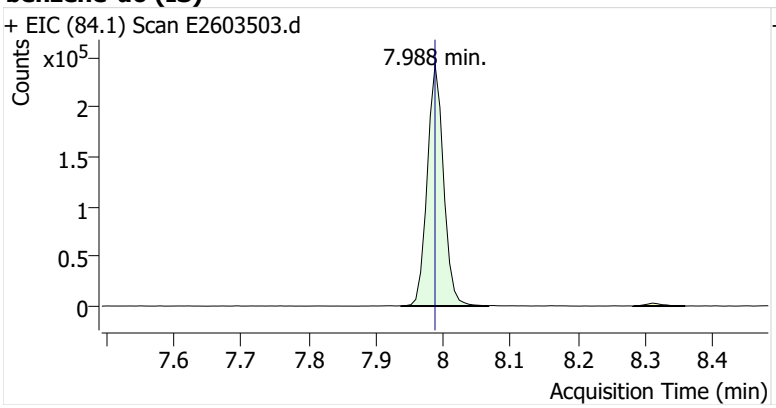
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Comment	B46257
Data File	E2603503.d
Acq. Date-Time	6/25/2026 11:12:32 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

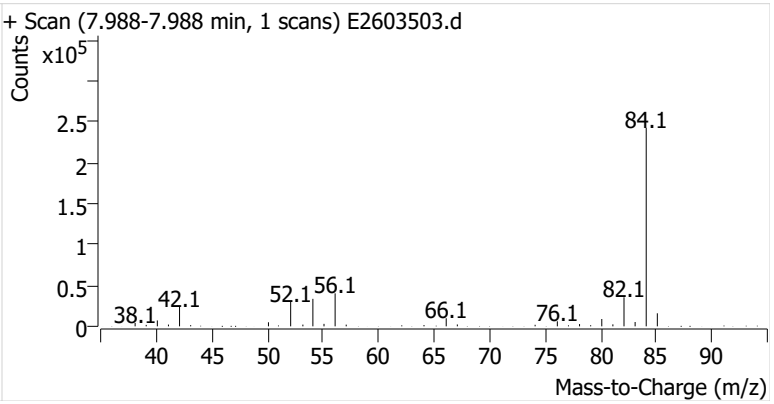
Sample Chromatogram



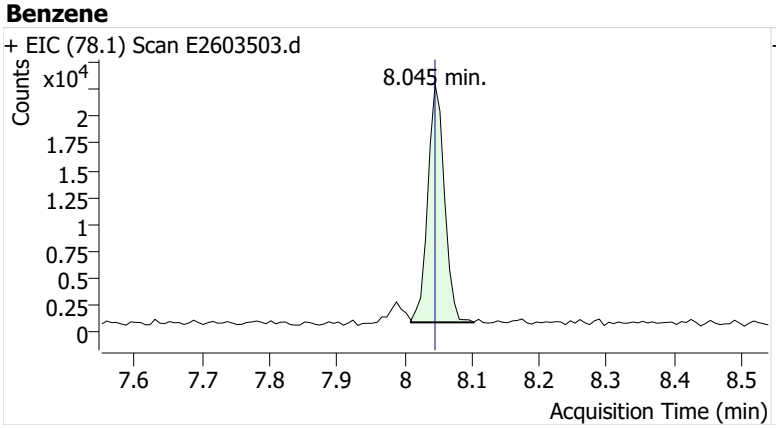
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	407,718	
Benzene	benzene-d6 (IS)	8.045	8.045	37,897	
Toluene-d8 (IS)		10.688	10.688	415,353	
Toluene	Toluene-d8 (IS)	10.782	10.781	64,270	
Ethylbenzene	Toluene-d8 (IS)	12.974	12.973	8,440	
m-/p-Xylenes	Toluene-d8 (IS)	13.153	13.152	12,906	
o-Xylene	Toluene-d8 (IS)	13.661	13.654	4,954	

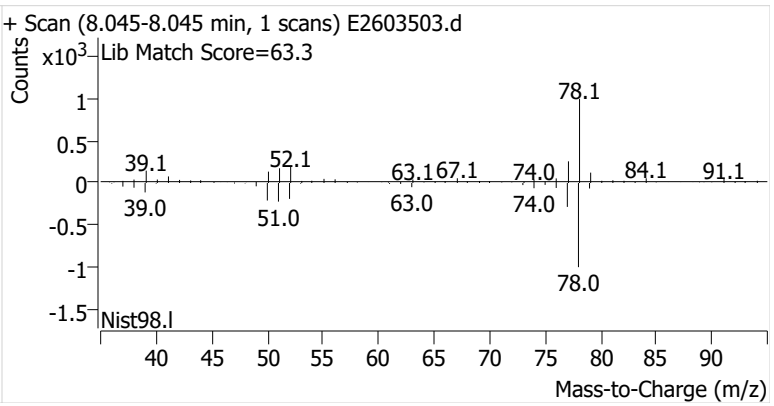
benzene-d6 (IS)



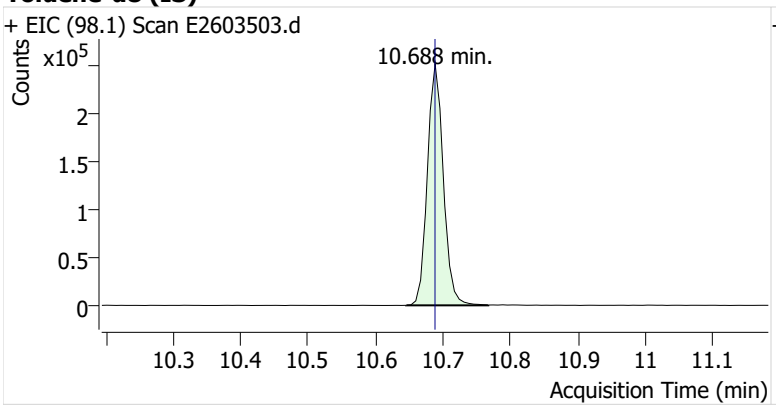


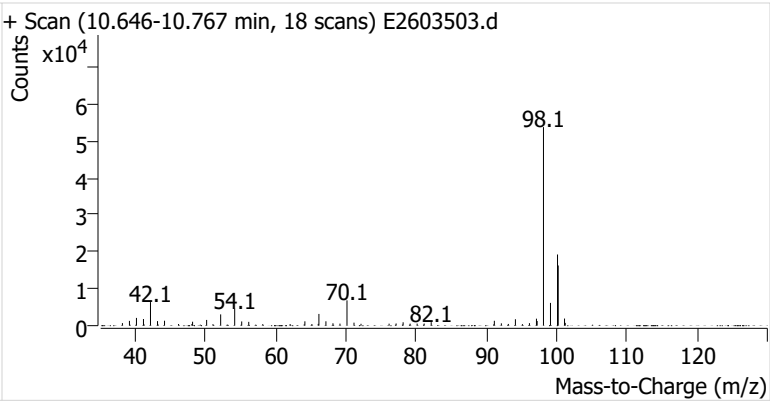
Benzene



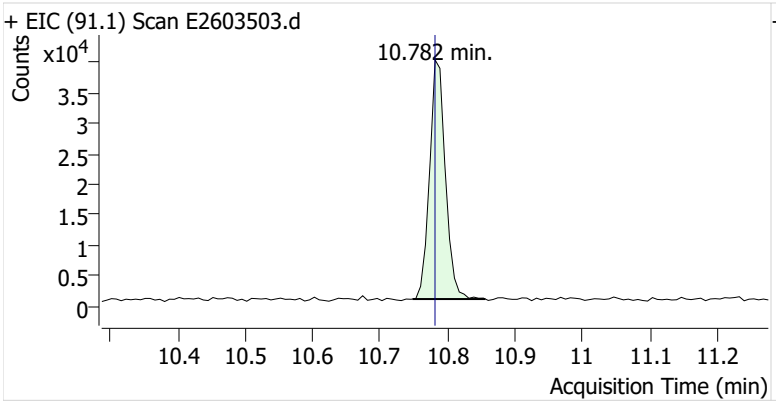


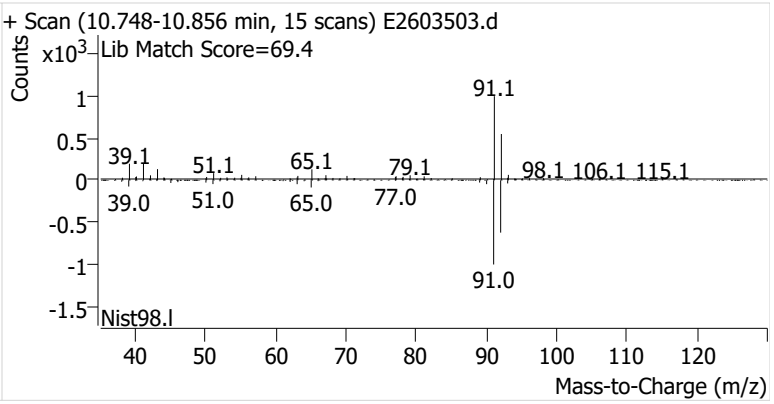
Toluene-d8 (IS)



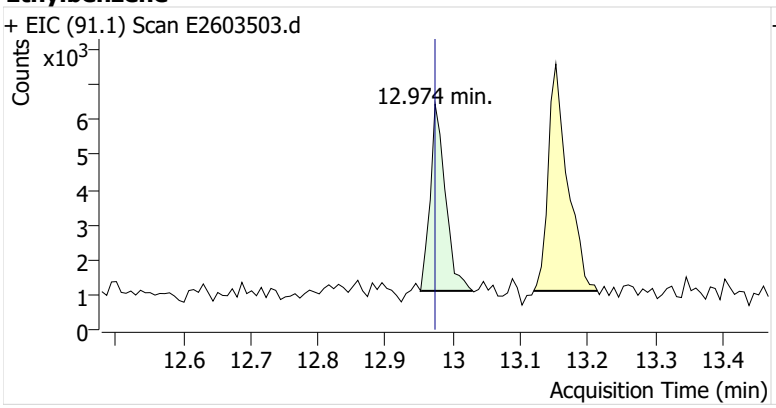


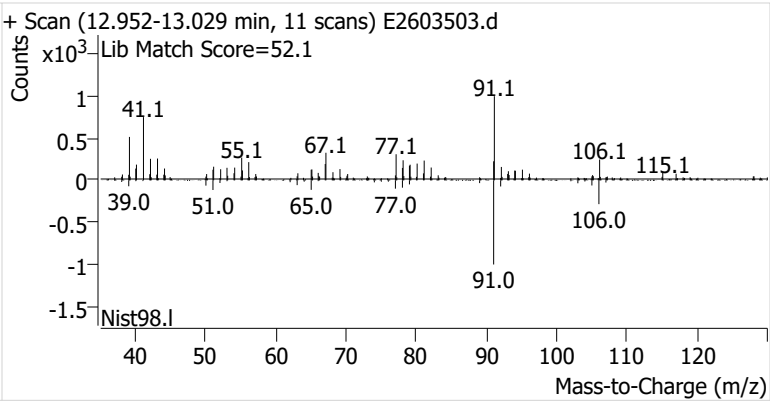
Toluene



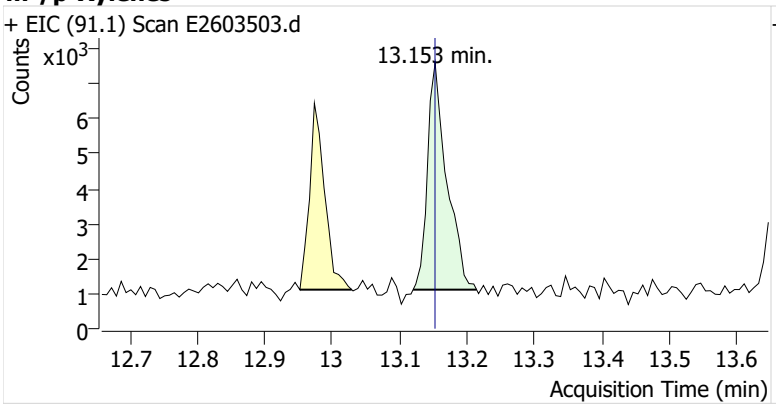


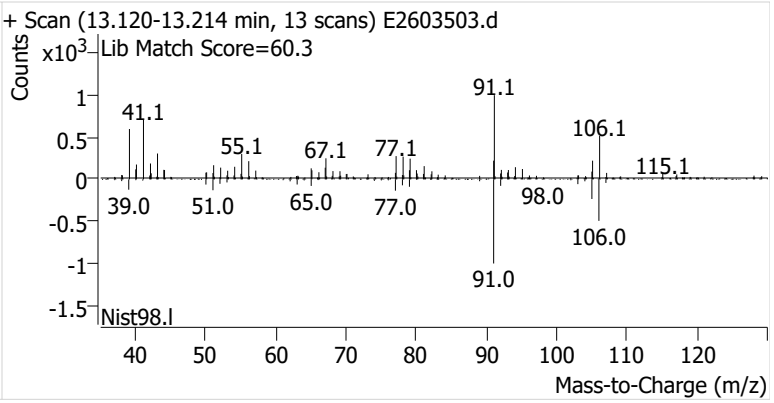
Ethylbenzene



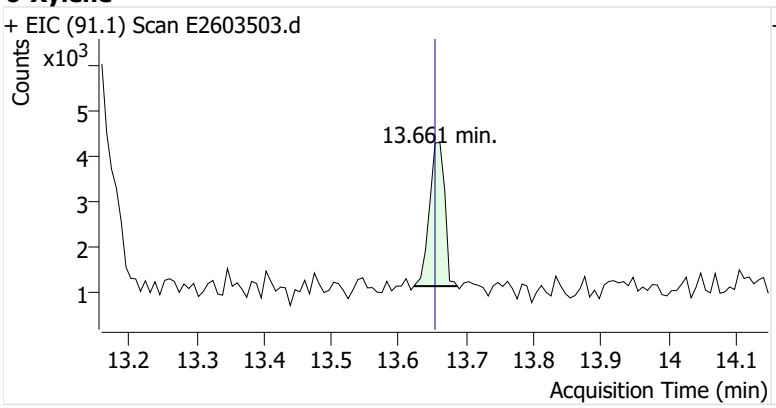


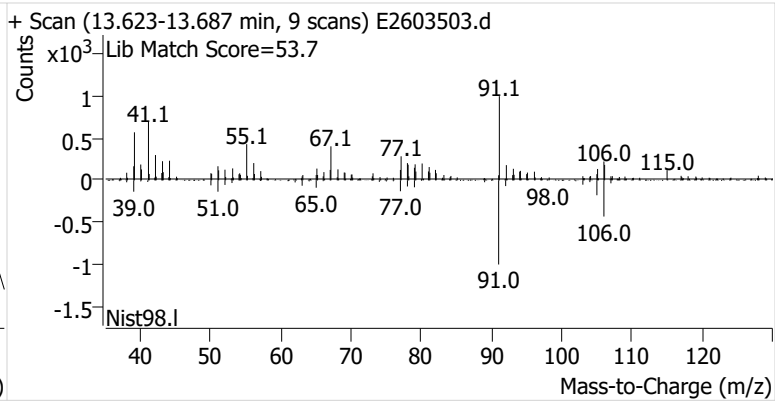
m-/p-Xylenes





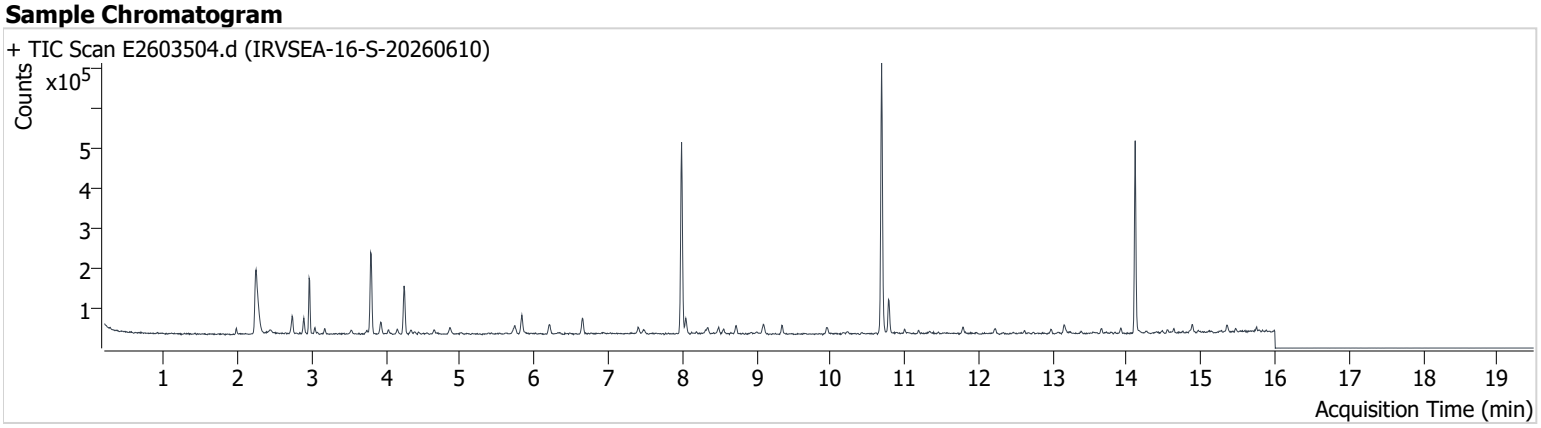
o-Xylene


+ EIC (91.1) Scan E2603503.d
Counts
x10^3
5
4
3
2
1
13.661 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.623-13.687 min, 9 scans) E2603503.d
Lib Match Score=53.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
77.1
91.1
106.0
115.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

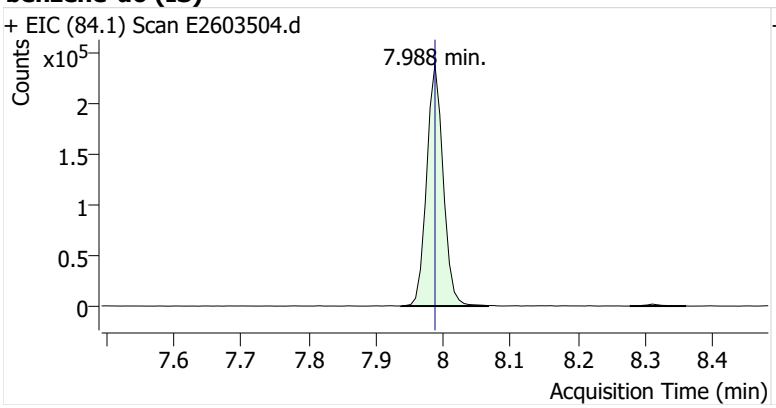
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Comment	C57571
Data File	E2603504.d
Acq. Date-Time	6/25/2026 11:38:59 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

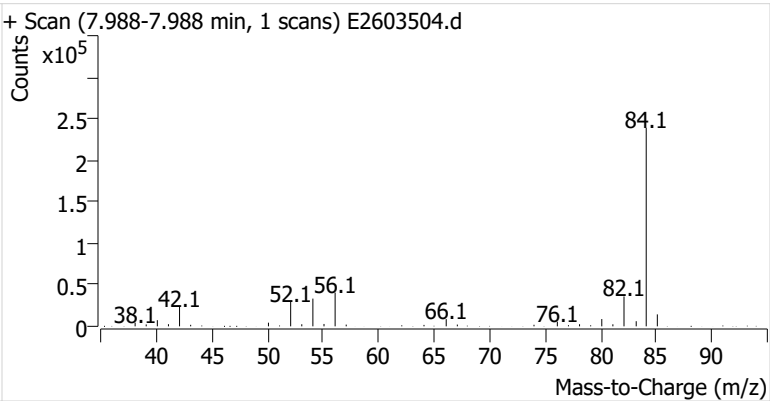
Sample Chromatogram



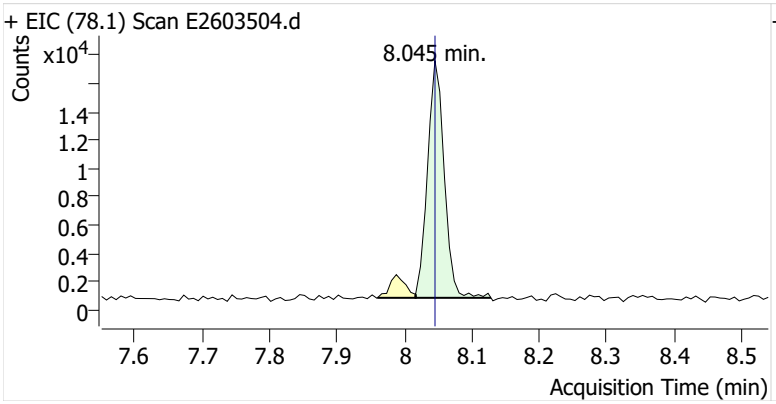
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	406,614	
Benzene	benzene-d6 (IS)	8.045	8.045	28,773	
Toluene-d8 (IS)		10.688	10.688	422,115	
Toluene	Toluene-d8 (IS)	10.781	10.781	56,355	
Ethylbenzene	Toluene-d8 (IS)	12.980	12.973	6,561	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	16,783	
o-Xylene	Toluene-d8 (IS)	13.661	13.654	6,656	

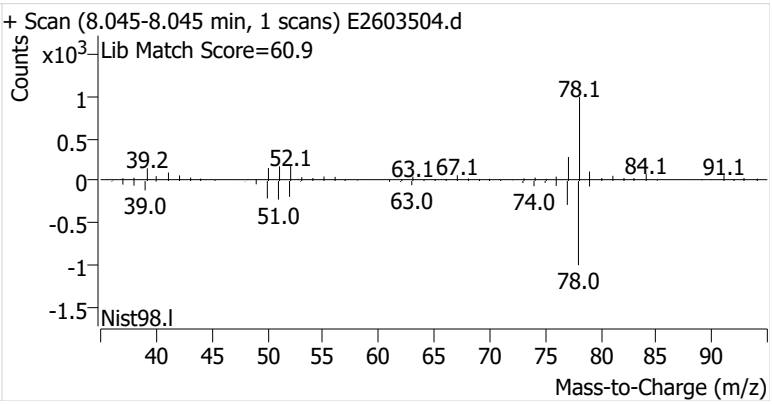
benzene-d6 (IS)



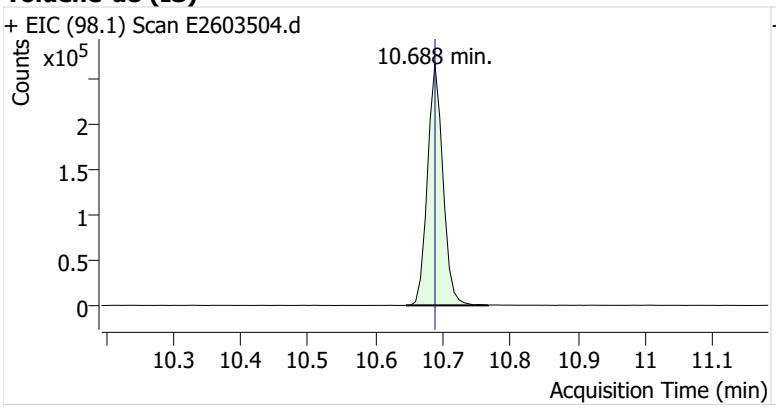


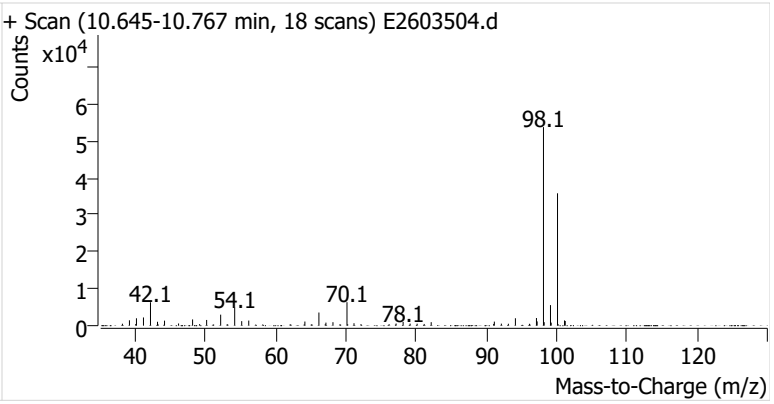
Benzene



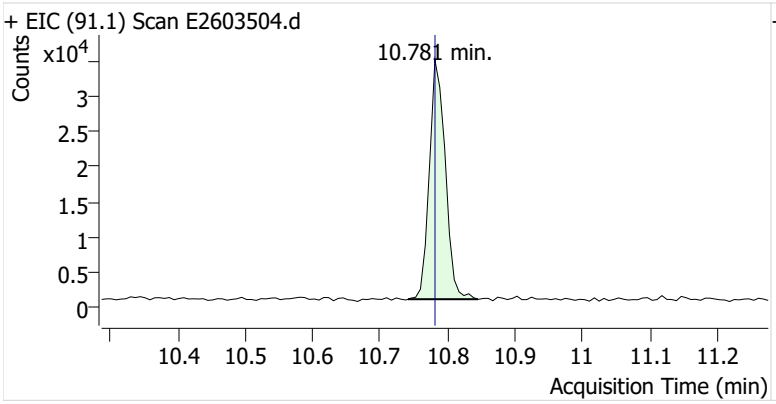


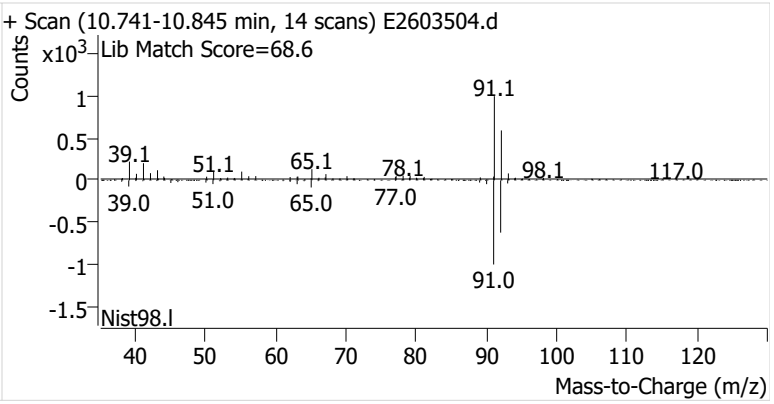
Toluene-d8 (IS)



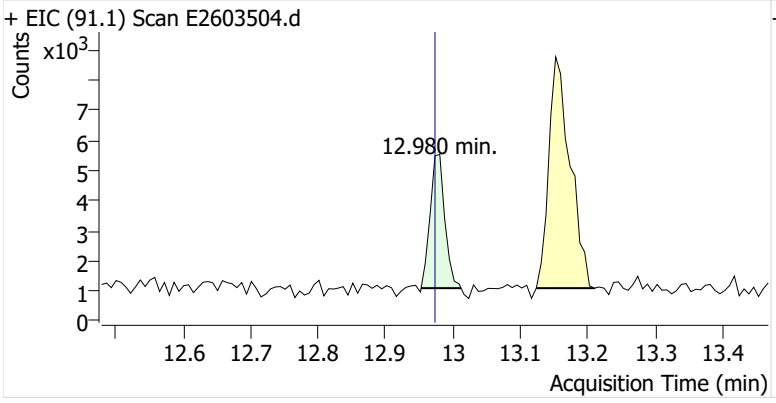


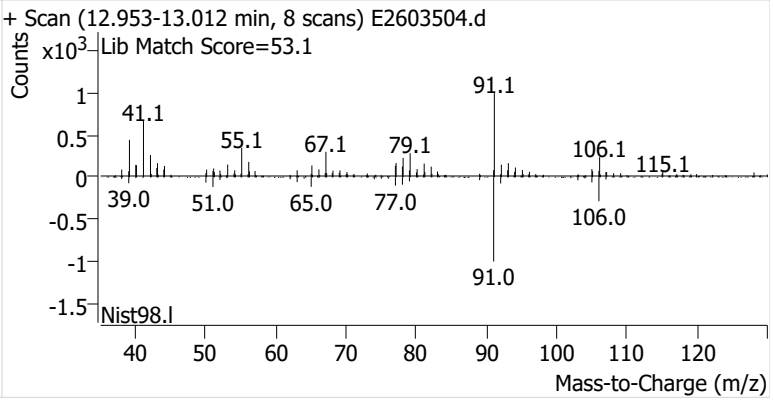
Toluene



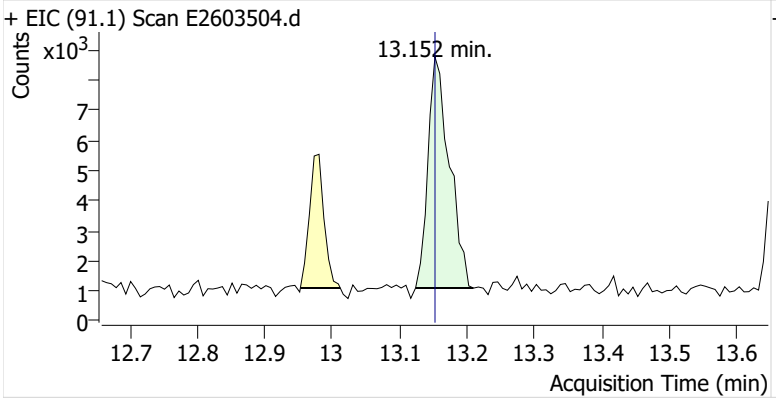


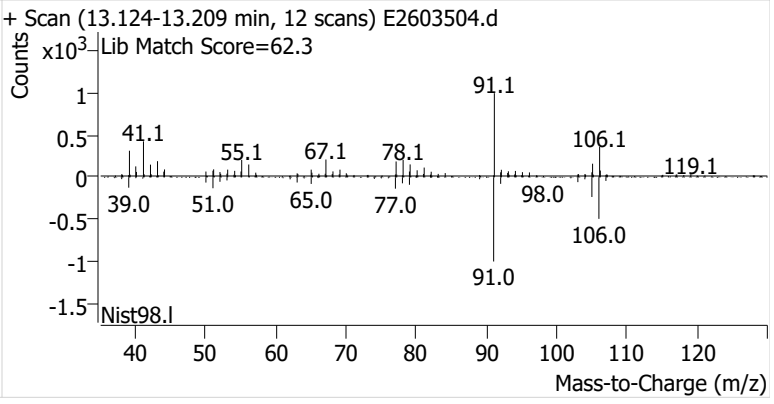
Ethylbenzene



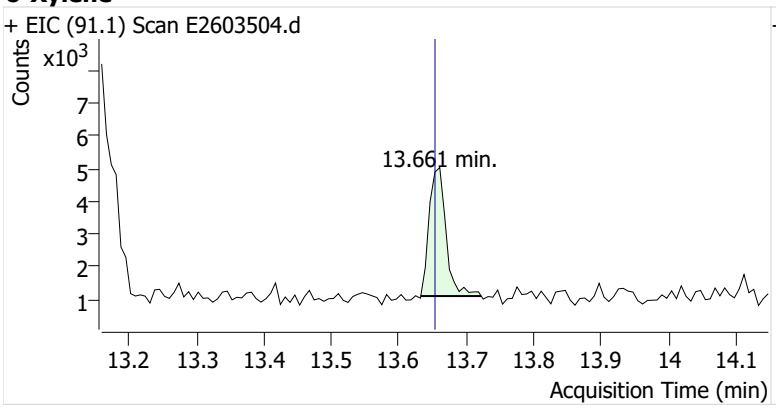


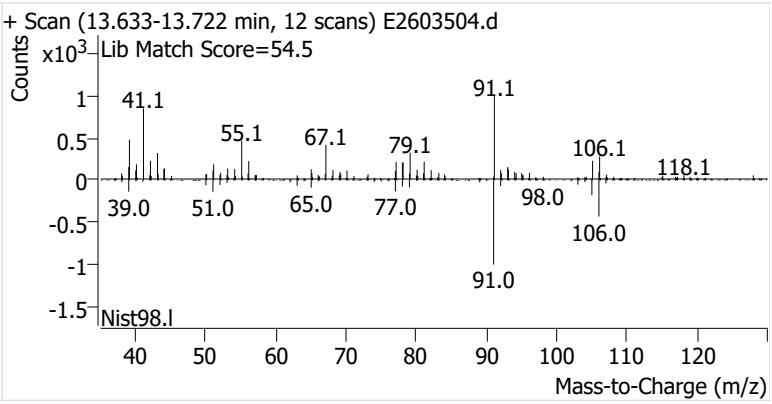
m-/p-Xylenes





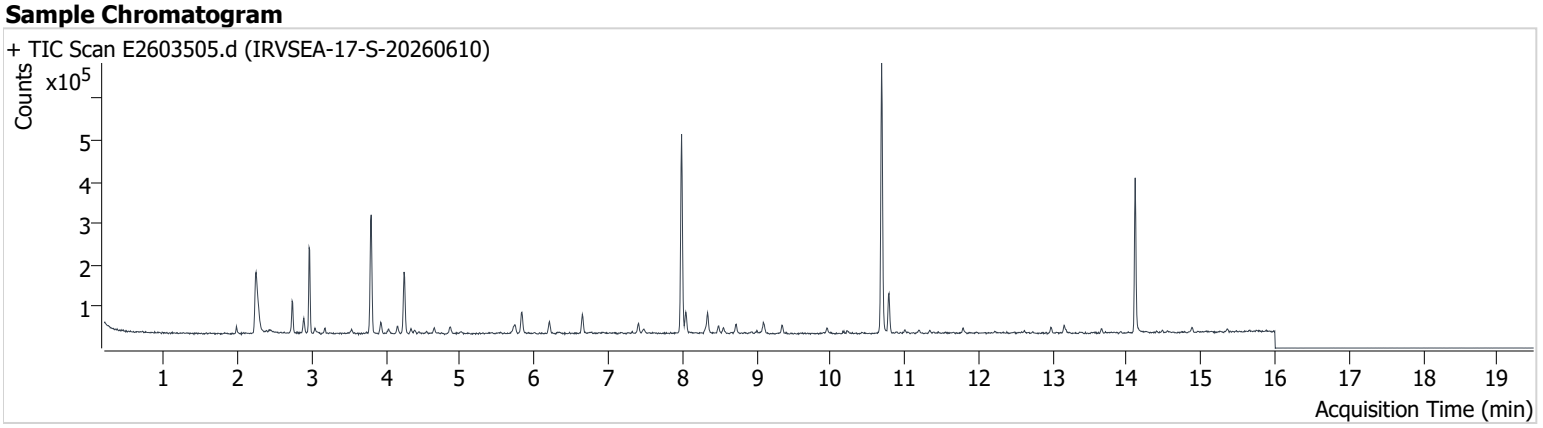
o-Xylene


+ EIC (91.1) Scan E2603504.d
Counts
x10^3
13.661 min.
Acquisition Time (min)


+ Scan (13.633-13.722 min, 12 scans) E2603504.d
Lib Match Score=54.5
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

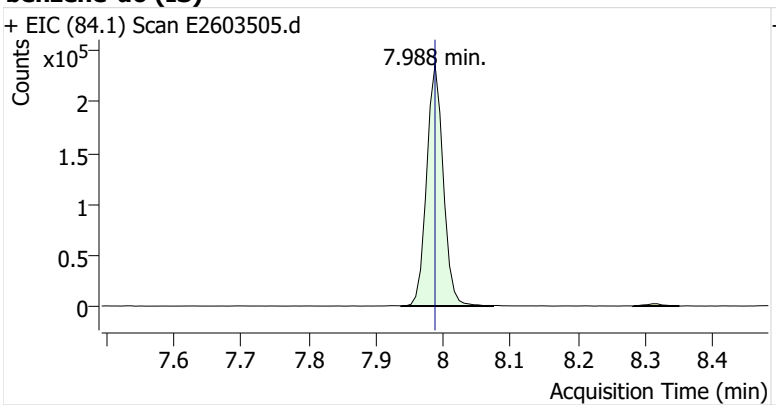
Name	IRVSEA-17-S-20260610
Comment	B50806
Data File	E2603505.d
Acq. Date-Time	6/26/2026 12:05:27 AM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

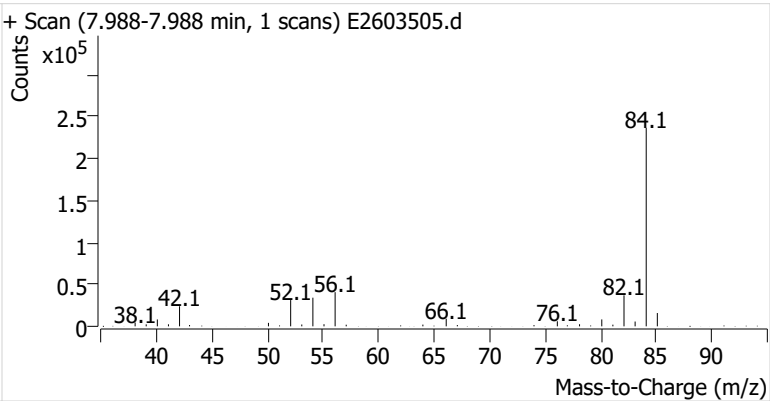
Sample Chromatogram



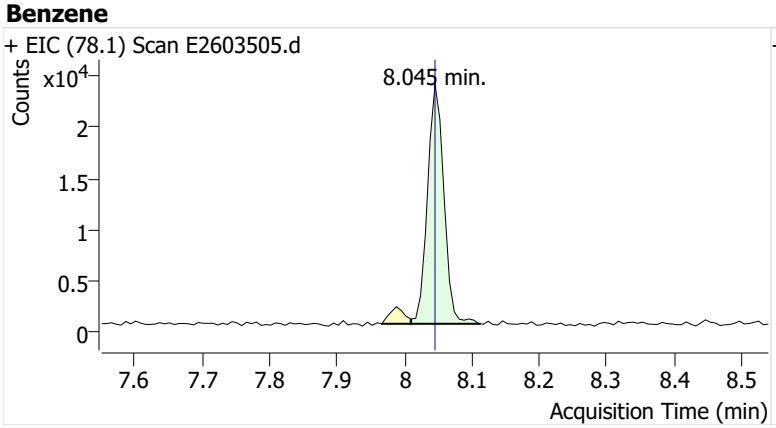
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.988	7.988	404,786	
Benzene	benzene-d6 (IS)	8.045	8.045	39,481	
Toluene-d8 (IS)		10.688	10.688	415,040	
Toluene	Toluene-d8 (IS)	10.781	10.781	63,708	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.973	8,568	
m-/p-Xylenes	Toluene-d8 (IS)	13.152	13.152	13,031	
o-Xylene	Toluene-d8 (IS)	13.654	13.654	5,187	

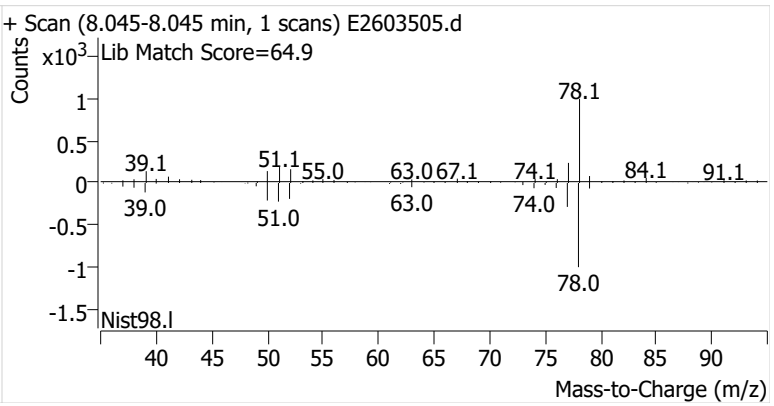
benzene-d6 (IS)



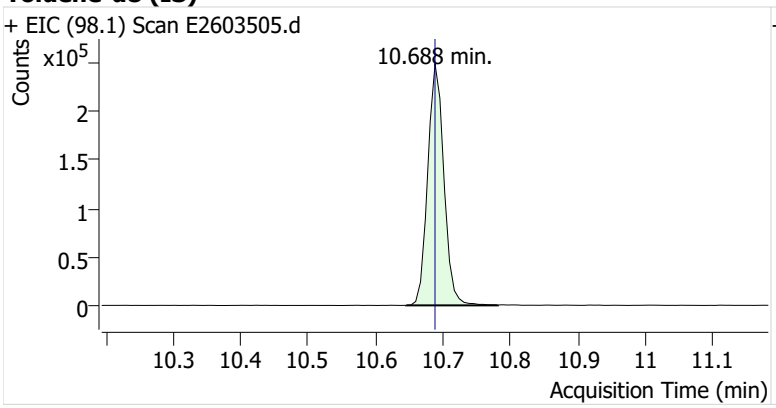


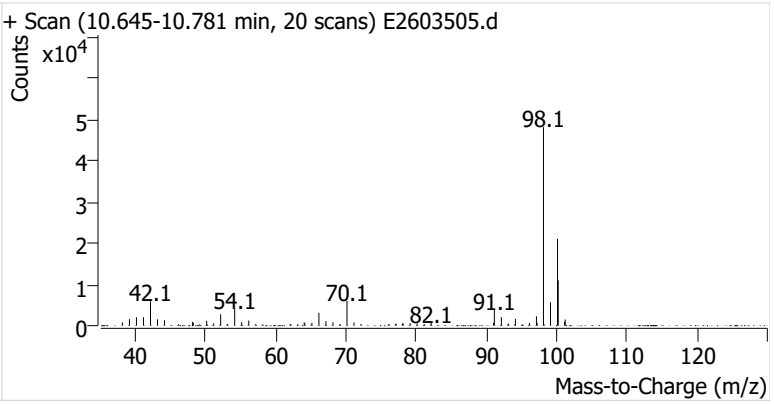
Benzene



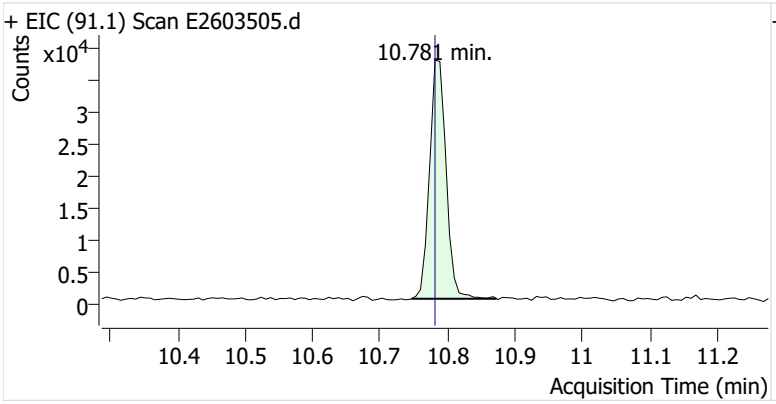


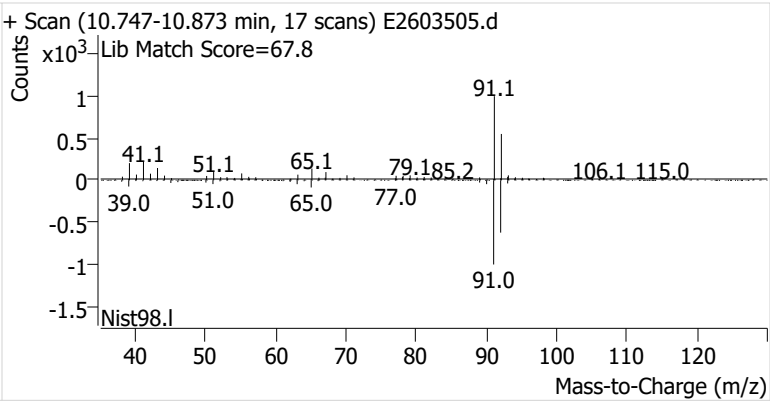
Toluene-d8 (IS)



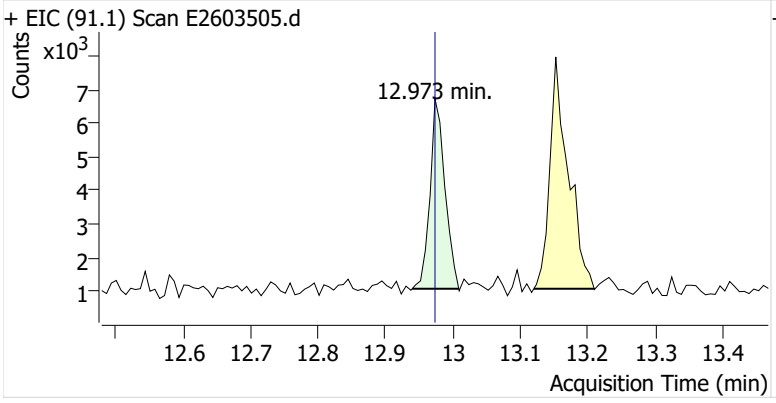


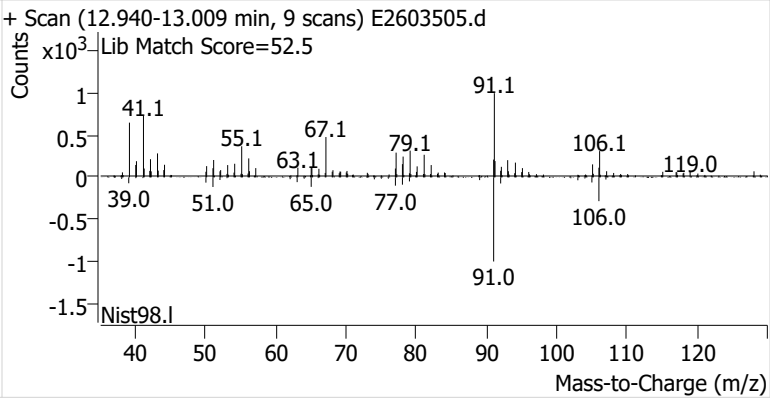
Toluene



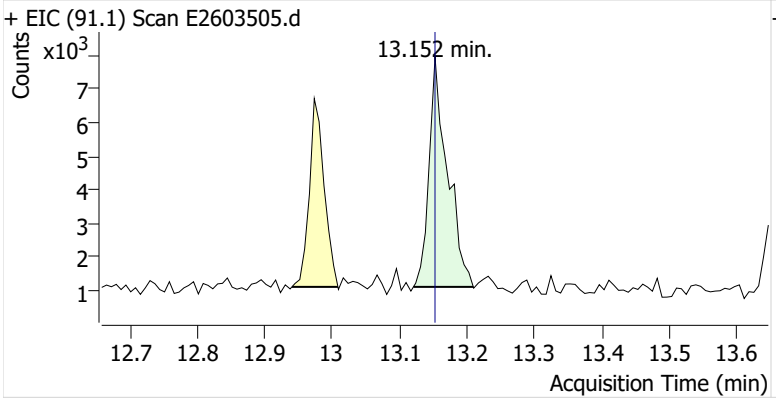


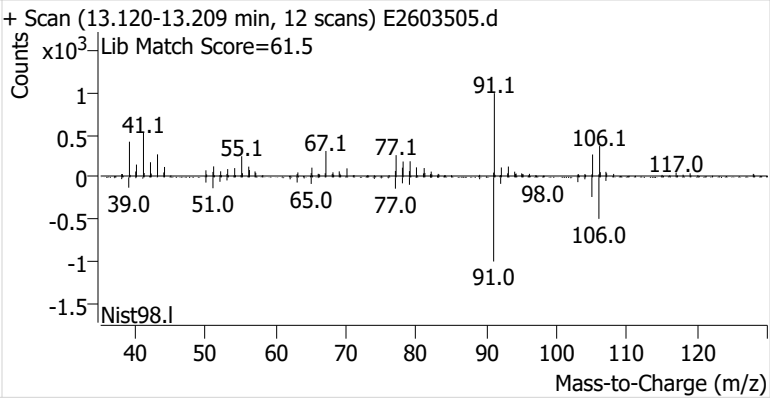
Ethylbenzene



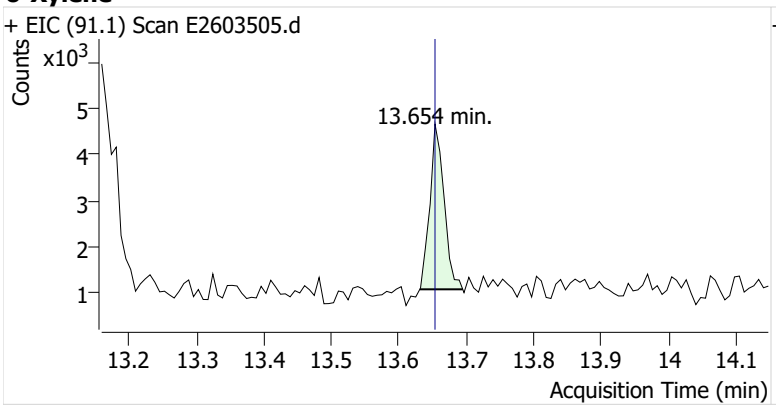


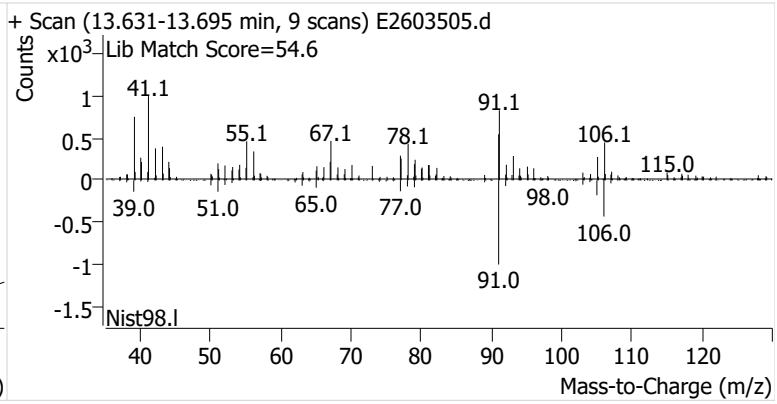
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan E2603505.d
Counts
x10^3
5
4
3
2
1
13.654 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.631-13.695 min, 9 scans) E2603505.d
Lib Match Score=54.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
91.1
55.1
67.1
78.1
106.1
115.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Initial Calibration

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E062326A_CC185154	Benzene	1	E2603446.d	5.92	45160	54.9	425254	0.985	0.066
E062326A_CC185154	Benzene	2	E2603447.d	11.84	85331	54.9	419822	0.943	0.02
E062326A_CC185154	Benzene	3	E2603448.d	23.68	160462	54.9	419706	0.887	-0.041
E062326A_CC185154	Benzene	4	E2603449.d	47.35	319976	54.9	413709	0.897	-0.029
E062326A_CC185154	Benzene	5	E2603450.d	118.39	726624	54.9	413056	0.816	-0.12
E062326A_CC185154	Benzene	6	E2603451.d	236.77	1729338	54.9	416191	0.964	0.043
E062326A_CC185154	Benzene	7	E2603452.d	710.32	5229549	54.9	413530	0.978	0.058
						Avg:	417324	0.924	
						%RSD:	1.1%	6.6%	
E062326A_CC185154	Toluene	1	E2603446.d	5.20	45472	64.8	446081	1.271	0.09
E062326A_CC185154	Toluene	2	E2603447.d	10.40	96860	64.8	453398	1.332	0.14
E062326A_CC185154	Toluene	3	E2603448.d	20.80	163584	64.8	447088	1.141	-0.022
E062326A_CC185154	Toluene	4	E2603449.d	41.59	343252	64.8	441231	1.213	0.04
E062326A_CC185154	Toluene	5	E2603450.d	103.98	672672	64.8	442996	0.947	-0.19
E062326A_CC185154	Toluene	6	E2603451.d	207.96	1583031	64.8	441770	1.117	-0.042
E062326A_CC185154	Toluene	7	E2603452.d	623.87	4855998	64.8	441494	1.143	-0.02
						Avg:	444866	1.166	
						%RSD:	1.0%	10.6%	
E062326A_CC185154	Ethylbenzene	1	E2603446.d	5.40	43225	64.8	446081	1.163	-0.062
E062326A_CC185154	Ethylbenzene	2	E2603447.d	10.81	94917	64.8	453398	1.256	0.013
E062326A_CC185154	Ethylbenzene	3	E2603448.d	21.61	200149	64.8	447088	1.343	0.083
E062326A_CC185154	Ethylbenzene	4	E2603449.d	43.23	403408	64.8	441231	1.371	0.11
E062326A_CC185154	Ethylbenzene	5	E2603450.d	108.07	767200	64.8	442996	1.039	-0.16
E062326A_CC185154	Ethylbenzene	6	E2603451.d	216.13	1788825	64.8	441770	1.215	-0.02
E062326A_CC185154	Ethylbenzene	7	E2603452.d	648.40	5696327	64.8	441494	1.290	0.041
						Avg:	444866	1.240	
						%RSD:	1.0%	9.2%	
E062326A_CC185154	m-/p-Xylenes	1	E2603446.d	6.06	38660	64.8	446081	0.928	-0.057
E062326A_CC185154	m-/p-Xylenes	2	E2603447.d	12.11	84913	64.8	453398	1.003	0.019
E062326A_CC185154	m-/p-Xylenes	3	E2603448.d	24.22	175464	64.8	447088	1.051	0.068
E062326A_CC185154	m-/p-Xylenes	4	E2603449.d	48.45	374070	64.8	441231	1.135	0.15
E062326A_CC185154	m-/p-Xylenes	5	E2603450.d	121.11	662755	64.8	442996	0.801	-0.19
E062326A_CC185154	m-/p-Xylenes	6	E2603451.d	242.23	1582375	64.8	441770	0.959	-0.026
E062326A_CC185154	m-/p-Xylenes	7	E2603452.d	726.68	5010018	64.8	441494	1.013	0.029
						Avg:	444866	0.984	
						%RSD:	1.0%	10.6%	
E062326A_CC185154	o-Xylene	1	E2603446.d	5.63	34773	64.8	446081	0.897	-0.094
E062326A_CC185154	o-Xylene	2	E2603447.d	11.26	79075	64.8	453398	1.004	0.013
E062326A_CC185154	o-Xylene	3	E2603448.d	22.53	169419	64.8	447088	1.091	0.1

Onterris/Enthalpy

Company: Onterris Air Quality Services - New Jersey
Job No.: 2026GG207-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E062326A_CC185154	o-Xylene	4	E2603449.d	45.05	353100	64.8	441231	1.152	0.16
E062326A_CC185154	o-Xylene	5	E2603450.d	112.63	633799	64.8	442996	0.824	-0.17
E062326A_CC185154	o-Xylene	6	E2603451.d	225.26	1470362	64.8	441770	0.958	-0.033
E062326A_CC185154	o-Xylene	7	E2603452.d	675.79	4643393	64.8	441494	1.009	0.019
						Avg:	444866	0.991	
						%RSD:	1.0%	11.2%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E062326A_CC185154	Benzene	ICV	E2603453.d	176.62	1101189	54.9	411950	0.831	-10.0%
E062326A_CC185154	Toluene	ICV	E2603453.d	180.86	1195633	64.8	435907	0.983	-16.0%
E062326A_CC185154	Ethylbenzene	ICV	E2603453.d	178.82	1303592	64.8	435907	1.084	-13.0%
E062326A_CC185154	m-/p-Xylenes	ICV	E2603453.d	181.60	1023892	64.8	435907	0.839	-15.0%
E062326A_CC185154	o-Xylene	ICV	E2603453.d	181.95	1018266	64.8	435907	0.832	-16.0%

M325B PDF Report ver.20260421

Sample Custody

Onterris

2026GG207

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page #1 of #1

☐ Standard Turn Around Time
☐ Rush Turn Around Time
• All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	Irving Searsport Terminal	**Client Name:**	Onterris Air Quality Services	**PO#:**	
Site Address:	52 Station Ave.	**Project #:**	PROJ-050105	**Sample Event #:**	2026GG207
City:	Searsport	**Project Manager:**	Sabarish Selvarajan	**Sorbent Type:**	Carbopak-X
State:	Maine	**Email Address:**	sabarishselvarajan@onterris.com	**Quote #:**	
Zip:	04974	**Telephone #:**	973-722-7895		

Location	Sample ID (Tube ID)	Sample (S), Blank (B), Duplicate (D)	Start Date	Start Time	Stop Date	Stop Time	Deployed by/ Collected by	Avg. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C70033	S	6/10/26	10:29 AM	6/24/26	11:16 AM	KV/KV		
2	C69499	S	6/10/26	10:32 AM	6/24/26	11:19 AM	KV/KV		
2	C55746	D	6/10/26	10:32 AM	6/24/26	11:19 AM	KV/KV		
2	B48672	B	6/10/26	10:32 AM	6/24/26	11:19 AM	KV/KV		
3	C71579	S	6/10/26	10:35 AM	6/24/26	11:21 AM	KV/KV		
4	C55558	S	6/10/26	10:37 AM	6/24/26	11:23 AM	KV/KV		
5	C55738	S	6/10/26	10:40 AM	6/24/26	11:25 AM	KV/KV		
6	C43620	S	6/10/26	10:43 AM	6/24/26	11:28 AM	KV/KV		
7	B27840	S	6/10/26	10:45 AM	6/24/26	11:30 AM	KV/KV		
8	C73603	S	6/10/26	10:47 AM	6/24/26	11:32 AM	KV/KV		
8	C01560	D	6/10/26	10:47 AM	6/24/26	11:32 AM	KV/KV		
8	C01646	B	6/10/26	10:47 AM	6/24/26	11:32 AM	KV/KV		
9	B52784	S	6/10/26	10:49 AM	6/24/26	11:34 AM	KV/KV		
10	C36867	S	6/10/26	10:51 AM	6/24/26	11:36 AM	KV/KV		
11	B19070	S	6/10/26	10:53 AM	6/24/26	11:38 AM	KV/KV		
12	B46185	S	6/10/26	10:20 AM	6/24/26	11:04 AM	KV/KV		
13	C57747	S	6/10/26	10:23 AM	6/24/26	11:09 AM	KV/KV		
14	C40136	S	6/10/26	10:26 AM	6/24/26	11:11 AM	KV/KV		
15	B46257	S	6/10/26	11:12 AM	6/24/26	12:02 PM	KV/KV		
16	C57571	S	6/10/26	11:14 AM	6/24/26	12:04 PM	KV/KV		
17	B50806	S	6/10/26	11:16 AM	6/24/26	12:06 PM	KV/KV		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Kosta Voukidis	KV	6/24/26	17:00
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Ev Mauger		6/25/26	9:25 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
good	Benzene Toluene Ethylbenzene O-xylenes, m-/p-xylenes	Y	
Blank Temp: 20.2 Fluke4		**Custody Seal #:** 25D01074	

Comments:

This Is The Last Page Of This Report.

Appendix C - Corrective Action Plan

ONTERRIS AIR QUALITY SERVICES			
MAINE CH. 171 FENCELINE MONITORING CORRECTIVE ACTION PLAN			
PURPOSE	To minimize field sampling errors possible during Maine DEP Ch. 171 petroleum storage terminal fenceline sampling for BTEX using EPA Method 325A sample process.		
REASON	Field sampling errors can occur including: a lost individual or multiple samples; a sample for a duration other than provided for in the sampling method; documentation errors; and low duplicate precision.		
ACTION PLAN SPONSOR	Kevin Ruggiero, Operations Manager	DATE	January 26, 2026
STRATEGIC ACTION	**ONTERRIS PERSONNEL RESPONSIBLE**	**DATE DUE**	**COMMENTS**
Engage new field personnel	Operations Manager	Completed 3/31/26	New field personnel that are existing, local full-time Onterris staff will be fully trained and integrated into the monitoring program.
Provide formal video and written training	Project Manager	Completed 3/31/26	Onterris has a formal training program on EPA Method 325A field sampling techniques that all personnel involved in the project will be required to take.
Provide in the field training	Project Manager	Completed 3/31/26	A Onterris project manager experienced in EPA Method 325A field sampling will provide training in the field for new field personnel. The training will include a comprehensive overview of the sampling methodology as well as monitoring site-specific training needed. The trainer confirms mastery of associated tasks.
Check-ins between the field personnel and project manager to confirm completion of tasks	Field Technician, Project Manager	Ongoing since 2/3/26	Field personnel will be required to check-in with the project manager each sample day to review that all scheduled activities were conducted and identify any non-conformance or corrective actions needed.
Review of sample kit before released for shipping	Field Technician	Ongoing since 2/3/26	Field personnel required to perform a secondary review of samples prior to leaving the site to identify any non-conformance prior to samples being released.
Tracking of outbound sample shipments to laboratory	Project Manager	Ongoing since 2/3/26	Review of automated FedEx courier tracking notifications of sample shipments from the field to the analytical laboratory for confirmation of sample shipment and receipt.
Review of sample documentation	Project Manager	Ongoing since 2/3/26	Review of sample documentation within 3 business days of receipt.
Review of fleet tracking data	Project Manager	Ongoing since 2/3/26	Review of vehicle monitoring device on a weekly basis to confirm field personnel movements.
Periodic on site field assessments	Project Manager	Completed Week of 6/22/26	Periodic in-person observation of field personnel by project manager.
Provide remedial training	Project Manager	As needed.	Review of field sampling activities to identify any additional training needed to remediate any non-conformance events.
Regular meetings with client to discuss recent sampling results	Operations Manager, Project Manager, Data Manager	Ongoing since 2/3/26	Scheduled cadence of status update meetings between Onterris project personnel and client project personnel
Communication of any irregularities with client	Operations Manager, Project Manager, Data Manager	As needed.	Promptly notify client of any irregularities in sampling within 3 business days of discovery.