Portland Pipe Line Corporation

Chapter 171: Control of Petroleum Storage Facilities Fenceline Monitoring

Quarterly Report: 2026 Quarter 2

30 Hill Street
South Portland, Maine 04106

2026-08-10

US-PE-0264823-0001

Sample Code	Benzene		Ethylbenzene		Xylene (m/p)		Xylene (o)		Toluene	
	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag
PPSP-1-B-20260325	< 0.192	ND	< 0.316	ND	< 0.547	ND	< 0.572	ND	< 0.247	ND,Pc
PPSP-1-S-20260325	0.593	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.506	J,Pc
PPSP-2-S-20260325	0.600	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.600	Pc
PPSP-3-S-20260325	0.396	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.404	J,Pc
PPSP-4-S-20260325	0.440	J	< 0.316	ND	< 0.547	ND	< 0.573	ND	0.447	J,Pc
PPSP-5-S-20260325	0.325	J	< 0.316	ND	< 0.547	ND	< 0.573	ND	0.377	J,Pc
PPSP-6-S-20260325	0.429	J	< 0.316	ND	< 0.547	ND	< 0.573	ND	0.464	J,Pc
PPSP-7-S-20260325	0.425	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.486	J,Pc
PPSP-8-D-20260325	0.582	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.774	Pc
PPSP-8-S-20260325	0.435	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.493	J,Pc
PPSP-9-S-20260325	0.546	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.572	Pc
PPSP-10-S-20260325	0.603	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.625	Pc
PPSP-11-S-20260325	0.519	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.464	J,Pc
PPSP-12-S-20260325	0.476	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.428	J,Pc
PPSP-13-S-20260325	0.564	J	< 0.316	ND	< 0.547	ND	< 0.572	ND	0.412	J,Pc
PPSP-1-B-20260408	< 0.192	ND,Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.303	J
PPSP-1-S-20260408	0.604	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.725	
PPSP-2-S-20260408	0.459	J,Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.576	
PPSP-3-S-20260408	0.587	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.494	J
PPSP-4-S-20260408	0.468	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.658	
PPSP-5-S-20260408	0.438	J,Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.572	
PPSP-6-S-20260408	0.510	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.697	
PPSP-7-S-20260408	0.442	J,Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.598	
PPSP-8-D-20260408	0.687	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.615	
PPSP-8-S-20260408	0.500	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.584	
PPSP-9-S-20260408	0.600	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.679	
PPSP-10-S-20260408	0.719	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.735	
PPSP-11-S-20260408	0.447	J,Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.664	
PPSP-12-S-20260408	0.464	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.560	
PPSP-13-S-20260408	0.538	Pc	< 0.279	ND	< 0.279	ND	< 0.279	ND	0.582	
PPSP-1-B-20260422	< 0.189	ND	< 0.276	ND	< 0.276	ND	< 0.276	ND	< 0.244	ND
PPSP-1-S-20260422	0.559		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.669	
PPSP-2-S-20260422	0.736		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.812	
PPSP-3-S-20260422	0.348	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.566	
PPSP-4-S-20260422	0.488		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.749	
PPSP-5-S-20260422	0.393	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.581	
PPSP-6-S-20260422	0.390	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.616	
PPSP-7-S-20260422	0.402	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.688	
PPSP-8-D-20260422	0.410	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.638	
PPSP-8-S-20260422	0.428	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.672	
PPSP-9-S-20260422	0.512		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.593	
PPSP-10-S-20260422	0.659		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.759	
PPSP-11-S-20260422	0.504		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.650	
PPSP-12-S-20260422	0.381	J	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.543	
PPSP-13-S-20260422	0.502		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.629	
PPSP-1-B-20260506	< 0.190	ND	< 0.276	ND	< 0.276	ND	< 0.276	ND	0.267	J
PPSP-1-S-20260506	1.87		0.366	J	1.38		0.387	J	2.74	
PPSP-2-S-20260506	1.19		< 0.276	ND	0.860		< 0.276	ND	2.03	
PPSP-3-S-20260506	0.686		< 0.276	ND	0.521	J	< 0.276	ND	1.90	
PPSP-4-S-20260506	0.531		< 0.276	ND	0.480	J	< 0.276	ND	1.10	
PPSP-5-S-20260506	0.469		< 0.276	ND	0.383	J	< 0.276	ND	0.864	
PPSP-6-S-20260506	0.497		< 0.276	ND	0.392	J	< 0.276	ND	0.914	
PPSP-7-S-20260506	0.562		< 0.276	ND	0.372	J	< 0.276	ND	0.935	
PPSP-8-D-20260506	0.678		< 0.276	ND	0.541	J	< 0.276	ND	1.21	
PPSP-8-S-20260506	0.774		< 0.276	ND	0.504	J	< 0.276	ND	1.16	
PPSP-9-S-20260506	1.61		0.305	J	1.13		0.323	J	2.44	
PPSP-10-S-20260506	2.74		0.469	J	2.06		0.585	J	4.06	
PPSP-11-S-20260506	4.47		0.804		3.12		0.847		6.82	
PPSP-12-S-20260506	3.53		0.725		2.69		0.744		6.82	
PPSP-13-S-20260506	3.23		0.563	J	2.34		0.653		5.18	

PPSP-1-B-20260520	< 0.189	ND	< 0.275	ND	< 0.275	ND	< 0.275	ND	< 0.243	ND
PPSP-1-S-20260520	2.10		0.441	J	1.91		0.548	J	4.91	
PPSP-2-S-20260520	1.43		0.276	J	1.19		0.344	J	2.79	
PPSP-3-S-20260520	0.862		< 0.275	ND	0.528	J	< 0.275	ND	1.64	
PPSP-4-S-20260520	1.05		< 0.275	ND	0.887		0.276	J	2.19	
PPSP-5-S-20260520	0.857		< 0.275	ND	0.843		< 0.275	ND	1.85	
PPSP-6-S-20260520	0.988		< 0.275	ND	0.934		0.279	J	2.31	
PPSP-7-S-20260520	1.22		0.282	J	1.11		0.327	J	2.37	
PPSP-8-D-20260520	2.38		0.462	J	1.66		0.474	J	4.41	
PPSP-8-S-20260520	2.37		0.445	J	1.69		0.462	J	4.45	
PPSP-9-S-20260520	6.25		1.17		4.76		1.29		11.8	
PPSP-10-S-20260520	8.84		1.67		7.56		2.10		16.5	
PPSP-11-S-20260520	5.66		1.19		5.37		1.45		10.9	
PPSP-12-S-20260520	2.44		0.433	J	1.62		0.471	J	4.46	
PPSP-13-S-20260520	4.66		0.795		3.47		0.991		8.27	
PPSP-1-B-20260603	< 0.186	ND	< 0.270	ND	< 0.270	ND	< 0.270	ND	< 0.239	ND
PPSP-1-S-20260603	1.54		0.356	J	1.16		0.378	J	2.75	
PPSP-2-S-20260603	1.20		< 0.270	ND	0.734		< 0.270	ND	1.93	
PPSP-3-S-20260603	0.754		< 0.270	ND	0.68		< 0.270	ND	1.43	
PPSP-4-S-20260603	0.883		0.278	J	0.942		0.303	J	2.05	
PPSP-5-S-20260603	0.752		< 0.270	ND	0.721		< 0.270	ND	1.39	
PPSP-6-S-20260603	0.695		< 0.270	ND	0.794		< 0.270	ND	1.83	
PPSP-7-S-20260603	0.691		< 0.270	ND	0.775		< 0.270	ND	1.63	
PPSP-8-D-20260603	1.18		0.348	J	1.23		0.363	J	2.57	
PPSP-8-S-20260603	1.23		0.371	J	1.46		0.425	J	2.63	
PPSP-9-S-20260603	3.04		0.751		2.85		0.837		5.62	
PPSP-10-S-20260603	6.75		1.59		7.02		2.06		12.8	
PPSP-11-S-20260603	4.55		1.04		5.18		1.49		9.29	
PPSP-12-S-20260603	1.15		0.352	J	1.29		0.342	J	2.39	
PPSP-13-S-20260603	0.863		< 0.270	ND	2.16		< 0.270	ND	1.90	

J: Estimated value, the analyte was detected between the method detection limit and the reporting limit

I: Internal Standard recovery is outside acceptance limits

ND: That analyte was not present above the method detection limit

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte

P: Field duplicate exceed 30% RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

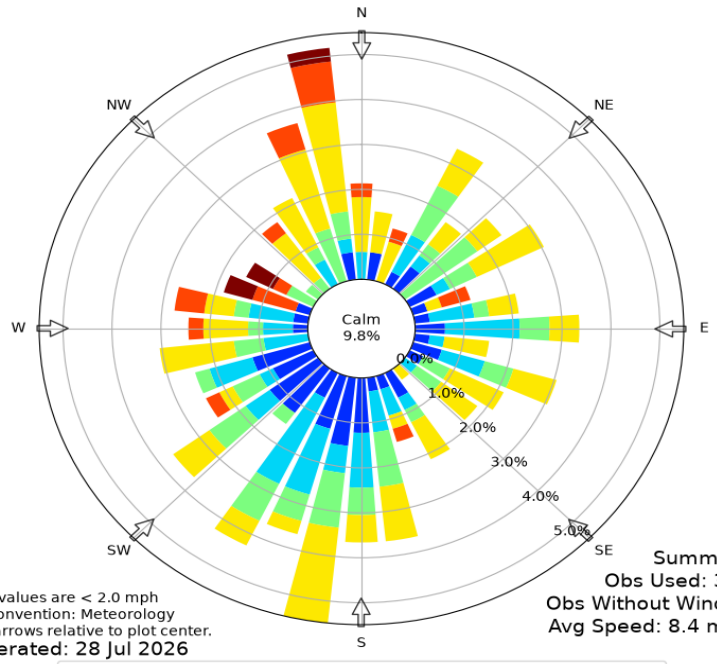
Summary Statistics	Benzene Conc. ($\mu g/m^3$)	Ethylbenzene Conc. ($\mu g/m^3$)	Xylene (m/p) Conc. ($\mu g/m^3$)	Xylene (o) Conc. ($\mu g/m^3$)	Toluene Conc. ($\mu g/m^3$)
Quarterly Maximum	8.84	1.67	7.56	2.10	16.5
Quarterly Average	1.34	0.667	1.89	0.746	2.33
Rolling Annual Maximum	8.84	1.67	7.56	2.10	16.5
Rolling Annual Average	0.972	0.323	0.718	0.345	1.62

Note: Averages do not include field blanks or duplicates

Begin Date:	Start Time:	End Date:	End Time:	Avg Temp. (°F):	Avg. Bar. Pressure (in):	Avg. Wind Speed (mph):	Avg. Wind Direction:
3/25/2026	10:43 a.m. - 11:36 a.m.	4/8/2026	11:19 a.m. - 12:31 p.m.	39.3	30.1	8.8	178.8
4/8/2026	11:19 a.m. - 12:31 p.m.	4/22/2026	10:02 a.m. - 11:00 a.m.	45.8	30.0	8.1	184.4
4/22/2026	10:02 a.m. - 11:00 a.m.	5/6/2026	11:41 a.m. - 12:37 a.m.	47.4	29.9	8.8	187.7
5/6/2026	11:41 a.m. - 12:37 p.m.	5/20/2026	10:08 a.m. - 11:03 a.m.	54.8	29.9	8.7	205.1
5/20/2026	10:08 a.m. - 11:03 a.m.	6/3/2026	10:03 a.m. - 11:15 a.m.	56.6	30.1	8.8	197.4
6/3/2026	10:03 a.m. - 11:15 a.m.	6/17/2026	12:22 p.m. - 1:22 p.m.	66.7	29.8	7.4	192.5

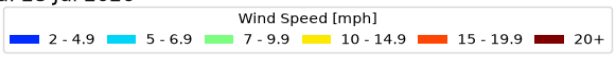
Location	Latitude	Longitude
Shelter 1	43.625044°	-70.268206°
Shelter 2	43.624461°	-70.269444°
Shelter 3	43.624128°	-70.272269°
Shelter 4	43.625869°	-70.273467°
Shelter 5	43.627444°	-70.274175°
Shelter 6	43.628351°	-70.272082°
Shelter 7	43.629353°	-70.270966°
Shelter 8	43.62845°	-70.269547°
Shelter 9	43.628232°	-70.267221°
Shelter 10	43.628461°	-70.265494°
Shelter 11	43.627796°	-70.263879°
Shelter 12	43.625964°	-70.263686°
Shelter 13	43.625017°	-70.265767°
KPWM Met	43.642222°	-70.304444°

Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 25 Mar 2026 11:51 AM - 08 Apr 2026 12:51 PM America/New_York

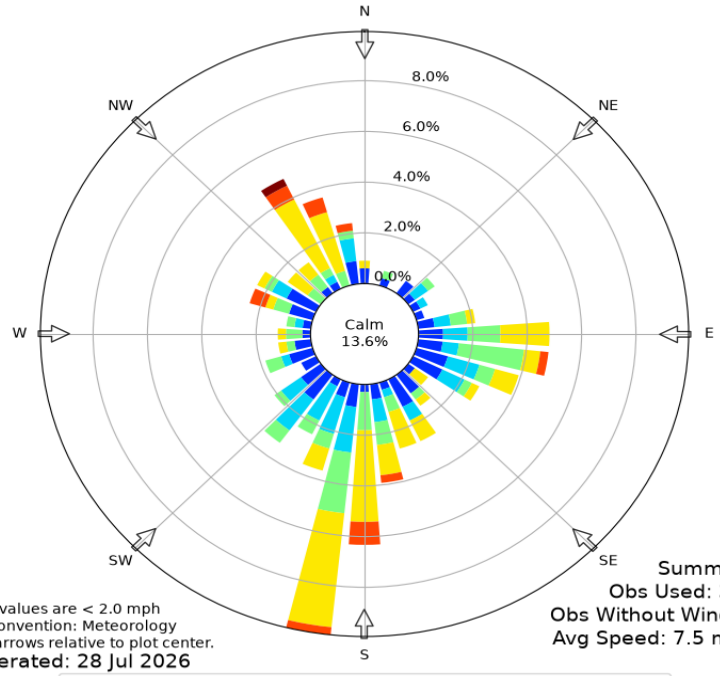


Summary
Obs Used: 328
Obs Without Wind: 0
Avg Speed: 8.4 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026

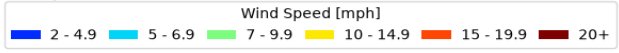


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 08 Apr 2026 12:51 PM - 22 Apr 2026 11:51 AM America/New_York

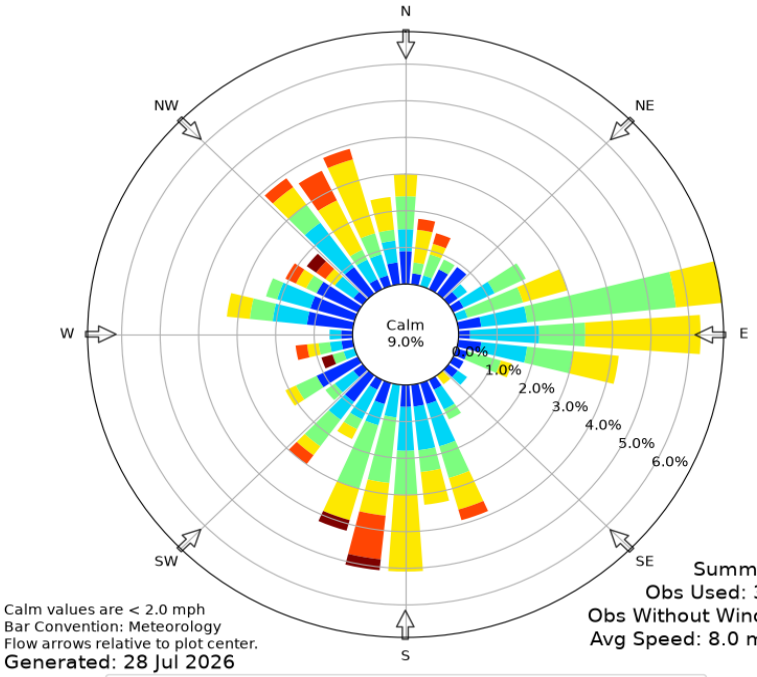


Summary
Obs Used: 332
Obs Without Wind: 0
Avg Speed: 7.5 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026

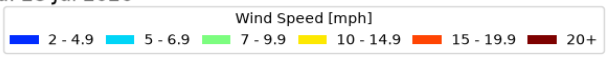


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 22 Apr 2026 12:51 PM - 06 May 2026 12:51 PM America/New_York

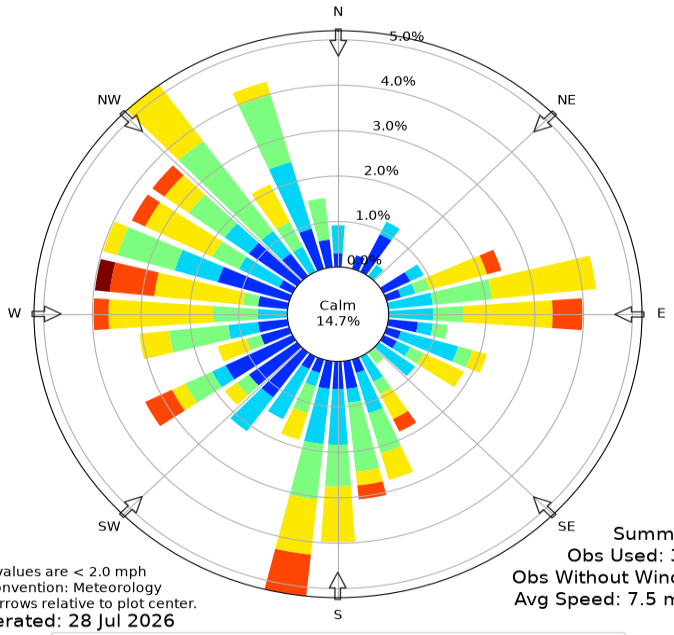


Summary
Obs Used: 334
Obs Without Wind: 0
Avg Speed: 8.0 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026

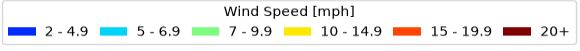


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 06 May 2026 12:51 PM - 20 May 2026 11:51 AM America/New_York

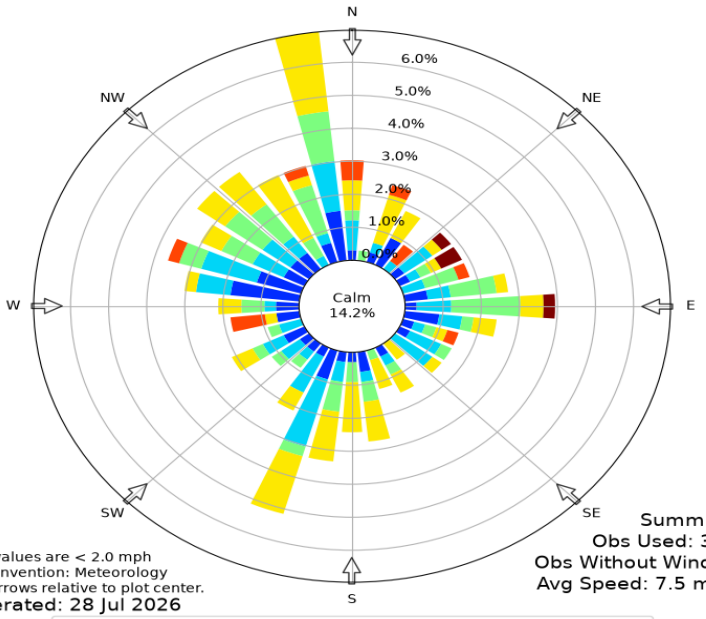


Summary
Obs Used: 327
Obs Without Wind: 0
Avg Speed: 7.5 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026

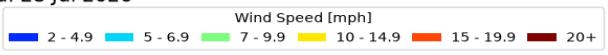


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 20 May 2026 11:51 AM - 03 Jun 2026 11:51 AM America/New_York

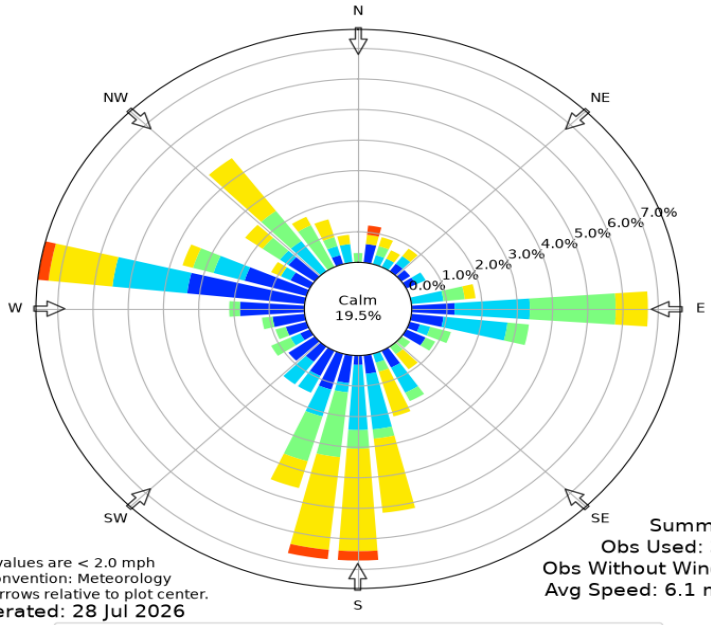


Summary
Obs Used: 330
Obs Without Wind: 0
Avg Speed: 7.5 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026

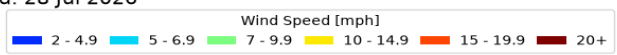


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 03 Jun 2026 11:51 AM - 17 Jun 2026 01:51 PM America/New_York



Summary
Obs Used: 328
Obs Without Wind: 0
Avg Speed: 6.1 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Jul 2026



Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 4/9/2026

Analytical Report
2026FW201

EPA Method 325B Analysis

Report Issue Date: 4/20/2026

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:

Sarah Rhem
Project Management
Enthalpy Analytical
sarahrhem@enthalpy.com

ENTHALPY ANALYTICAL

Sarah Rhem, Project Manager
SarahRhem@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW201-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on April 9, 2026 at 11.8 °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
PPSP-6-S-20260325	C33454	Sample
PPSP-5-S-20260325	B46821	Sample
PPSP-4-S-20260325	B49488	Sample
PPSP-3-S-20260325	C55332	Sample
PPSP-2-S-20260325	C35795	Sample
PPSP-1-S-20260325	C69436	Sample
PPSP-1-B-20260325	B19806	Blank
PPSP-13-S-20260325	C69735	Sample
PPSP-12-S-20260325	C37506	Sample
PPSP-11-S-20260325	B45050	Sample
PPSP-10-S-20260325	C37432	Sample
PPSP-9-S-20260325	B51016	Sample
PPSP-8-S-20260325	C57803	Sample
PPSP-8-D-20260325	B50657	Duplicate
PPSP-7-S-20260325	B29730	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.

3. Calibration

All BFB tune criteria have been met for this analysis.

The lowest level for the initial calibration (T011326A_CC185154_R1) did not meet method criteria for Benzene and has been excluded from the curve for that analyte. This results in the LOQ (Limit of Quantitation) being elevated for Benzene. The integrity of the reported data is not compromised. The initial calibration met all other 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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW201-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20260325 (tube ID C57803) and its corresponding duplicate PPSP-8-D-20260325 (tube ID B50657) failed to meet the 30% difference criterion for Toluene 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 Toluene 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.

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: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260325	C33454	0.429	J	0.464	J,Pc		ND		ND		ND
PPSP-5-S-20260325	B46821	0.325	J	0.377	J,Pc		ND		ND		ND
PPSP-4-S-20260325	B49488	0.440	J	0.447	J,Pc		ND		ND		ND
PPSP-3-S-20260325	C55332	0.396	J	0.404	J,Pc		ND		ND		ND
PPSP-2-S-20260325	C35795	0.600	J	0.600	Pc		ND		ND		ND
PPSP-1-S-20260325	C69436	0.593	J	0.506	J,Pc		ND		ND		ND
PPSP-1-B-20260325	B19806		ND		ND,Pc		ND		ND		ND
PPSP-13-S-20260325	C69735	0.564	J	0.412	J,Pc		ND		ND		ND
PPSP-12-S-20260325	C37506	0.476	J	0.428	J,Pc		ND		ND		ND
PPSP-11-S-20260325	B45050	0.519	J	0.464	J,Pc		ND		ND		ND
PPSP-10-S-20260325	C37432	0.603	J	0.625	Pc		ND		ND		ND
PPSP-9-S-20260325	B51016	0.546	J	0.572	Pc		ND		ND		ND
PPSP-8-S-20260325	C57803	0.435	J	0.493	J,Pc		ND		ND		ND
PPSP-8-D-20260325	B50657	0.582	J	0.774	Pc		ND		ND		ND
PPSP-7-S-20260325	B29730	0.425	J	0.486	J,Pc		ND		ND		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

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260325	C33454	0.429	0.134	5.60	39.1	0.646	20196	0.192	0.924	0.0600	0.290	J	T2601858.D	2026-04-10 23:25	1.397	8.165	53917	386279	56.0	8.103	-1.1%
PPSP-5-S-20260325	B46821	0.325	0.102	4.24	39.1	0.646	20199	0.192	0.924	0.0600	0.290	J	T2601859.D	2026-04-10 23:51	1.397	8.165	41137	389289	56.0	8.110	-0.3%
PPSP-4-S-20260325	B49488	0.440	0.138	5.74	39.1	0.646	20204	0.192	0.924	0.0600	0.289	J	T2601860.D	2026-04-11 00:17	1.397	8.165	56185	392411	56.0	8.104	0.5%
PPSP-3-S-20260325	C55332	0.396	0.124	5.17	39.1	0.646	20208	0.192	0.924	0.0600	0.289	J	T2601861.D	2026-04-11 00:43	1.397	8.165	50195	389575	56.0	8.110	-0.3%
PPSP-2-S-20260325	C35795	0.600	0.188	7.83	39.1	0.646	20209	0.192	0.924	0.0600	0.289	J	T2601862.D	2026-04-11 01:08	1.397	8.165	76752	392997	56.0	8.104	0.6%
PPSP-1-S-20260325	C69436	0.593	0.186	7.74	39.1	0.646	20210	0.192	0.924	0.0600	0.289	J	T2601863.D	2026-04-11 01:34	1.397	8.165	77187	399835	56.0	8.110	2.4%
PPSP-1-B-20260325	B19806				39.1	0.646	20210	0.192	0.924	0.0600	0.289	ND	T2601857.D	2026-04-10 22:58	1.397	8.165	6362	387629	56.0	8.110	-0.8%
PPSP-13-S-20260325	C69735	0.564	0.177	7.36	39.1	0.646	20210	0.192	0.924	0.0600	0.289	J	T2601864.D	2026-04-11 02:00	1.397	8.165	72890	397397	56.0	8.110	1.7%
PPSP-12-S-20260325	C37506	0.476	0.149	6.21	39.1	0.646	20211	0.192	0.924	0.0600	0.289	J	T2601865.D	2026-04-11 02:26	1.397	8.171	60108	387928	56.0	8.110	-0.7%
PPSP-11-S-20260325	B45050	0.519	0.163	6.78	39.1	0.646	20213	0.191	0.924	0.0600	0.289	J	T2601866.D	2026-04-11 02:52	1.397	8.165	66443	393162	56.0	8.110	0.7%
PPSP-10-S-20260325	C37432	0.603	0.189	7.87	39.1	0.646	20211	0.192	0.924	0.0600	0.289	J	T2601868.D	2026-04-11 03:43	1.397	8.165	76976	392427	56.0	8.110	0.5%
PPSP-9-S-20260325	B51016	0.546	0.171	7.13	39.1	0.646	20211	0.192	0.924	0.0600	0.289	J	T2601869.D	2026-04-11 04:10	1.397	8.165	69008	388441	56.0	8.103	-0.6%
PPSP-8-S-20260325	C57803	0.435	0.136	5.67	39.1	0.646	20212	0.192	0.924	0.0600	0.289	J	T2601870.D	2026-04-11 04:35	1.397	8.165	55493	392392	56.0	8.110	0.5%
PPSP-8-D-20260325	B50657	0.582	0.182	7.60	39.1	0.646	20212	0.192	0.924	0.0600	0.289	J	T2601871.D	2026-04-11 05:01	1.397	8.165	73879	389692	56.0	8.104	-0.2%
PPSP-7-S-20260325	B29730	0.425	0.133	5.55	39.1	0.646	20215	0.191	0.924	0.0600	0.289	J	T2601872.D	2026-04-11 05:27	1.397	8.165	54104	390747	56.0	8.104	0.0%

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
PPSP-6-S-20260325	C33454	0.464	0.123	4.70	39.1	0.501	20196	0.247	0.523	0.0656	0.139	J,Pc	T2601858.D	2026-04-10 23:25	1.694	10.899	49880	411474	65.7	10.801	-3.3%
PPSP-5-S-20260325	B46821	0.377	0.100	3.82	39.1	0.501	20199	0.247	0.523	0.0656	0.139	J,Pc	T2601859.D	2026-04-10 23:51	1.694	10.900	40848	414759	65.7	10.802	-2.6%
PPSP-4-S-20260325	B49488	0.447	0.119	4.52	39.1	0.501	20204	0.247	0.523	0.0655	0.139	J,Pc	T2601860.D	2026-04-11 00:17	1.694	10.900	48540	415938	65.7	10.802	-2.3%
PPSP-3-S-20260325	C55332	0.404	0.107	4.09	39.1	0.501	20208	0.247	0.523	0.0655	0.139	J,Pc	T2601861.D	2026-04-11 00:43	1.694	10.899	43654	413722	65.7	10.802	-2.8%
PPSP-2-S-20260325	C35795	0.600	0.159	6.08	39.1	0.501	20209	0.247	0.523	0.0655	0.139	Pc	T2601862.D	2026-04-11 01:08	1.694	10.899	65015	414174	65.7	10.802	-2.7%
PPSP-1-S-20260325	C69436	0.506	0.134	5.13	39.1	0.501	20210	0.247	0.523	0.0655	0.139	J,Pc	T2601863.D	2026-04-11 01:34	1.694	10.899	55832	422086	65.7	10.802	-0.9%
PPSP-1-B-20260325	B19806				39.1	0.501	20210	0.247	0.523	0.0655	0.139	ND,Pc	T2601857.D	2026-04-10 22:58	1.694	10.899	10874	420753	65.7	10.801	-1.2%
PPSP-13-S-20260325	C69735	0.412	0.109	4.18	39.1	0.501	20210	0.247	0.523	0.0655	0.139	J,Pc	T2601864.D	2026-04-11 02:00	1.694	10.899	45121	418566	65.7	10.802	-1.7%
PPSP-12-S-20260325	C37506	0.428	0.114	4.34	39.1	0.501	20211	0.247	0.523	0.0655	0.139	J,Pc	T2601865.D	2026-04-11 02:26	1.694	10.899	46172	412445	65.7	10.802	-3.1%
PPSP-11-S-20260325	B45050	0.464	0.123	4.70	39.1	0.501	20213	0.247	0.523	0.0655	0.139	J,Pc	T2601866.D	2026-04-11 02:52	1.694	10.899	50344	414902	65.7	10.802	-2.5%
PPSP-10-S-20260325	C37432	0.625	0.166	6.33	39.1	0.501	20211	0.247	0.523	0.0655	0.139	Pc	T2601868.D	2026-04-11 03:43	1.694	10.899	67555	413280	65.7	10.801	-2.9%
PPSP-9-S-20260325	B51016	0.572	0.152	5.80	39.1	0.501	20211	0.247	0.523	0.0655	0.139	Pc	T2601869.D	2026-04-11 04:10	1.694	10.899	61551	411417	65.7	10.801	-3.4%
PPSP-8-S-20260325	C57803	0.493	0.131	5.00	39.1	0.501	20212	0.247	0.523	0.0655	0.139	J,Pc	T2601870.D	2026-04-11 04:35	1.694	10.899	53660	416155	65.7	10.801	-2.2%
PPSP-8-D-20260325	B50657	0.774	0.206	7.85	39.1	0.501	20212	0.247	0.523	0.0655	0.139	Pc	T2601871.D	2026-04-11 05:01	1.694	10.900	85341	421497	65.7	10.802	-1.0%
PPSP-7-S-20260325	B29730	0.486	0.129	4.92	39.1	0.501	20215	0.247	0.523	0.0655	0.139	J,Pc	T2601872.D	2026-04-11 05:27	1.694	10.899	52840	416118	65.7	10.802	-2.3%

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
PPSP-6-S-20260325	C33454				39.1	0.443	20196	0.316	0.615	0.0729	0.142	ND	T2601858.D	2026-04-10 23:25	1.859	13.089	5788	411474	65.7	10.801	-3.3%
PPSP-5-S-20260325	B46821				39.1	0.443	20199	0.316	0.614	0.0729	0.142	ND	T2601859.D	2026-04-10 23:51	1.859	13.090	1530	414759	65.7	10.802	-2.6%
PPSP-4-S-20260325	B49488				39.1	0.443	20204	0.316	0.614	0.0729	0.142	ND	T2601860.D	2026-04-11 00:17	1.859	13.090	5666	415938	65.7	10.802	-2.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260325	C55332				39.1	0.443	20208	0.316	0.614	0.0729	0.142	ND	T2601861.D	2026-04-11 00:43	1.859	13.090	6248	413722	65.7	10.802	-2.8%
PPSP-2-S-20260325	C35795				39.1	0.443	20209	0.316	0.614	0.0729	0.142	ND	T2601862.D	2026-04-11 01:08	1.859	13.090	6223	414174	65.7	10.802	-2.7%
PPSP-1-S-20260325	C69436				39.1	0.443	20210	0.316	0.614	0.0729	0.142	ND	T2601863.D	2026-04-11 01:34	1.859	13.084	4633	422086	65.7	10.802	-0.9%
PPSP-1-B-20260325	B19806				39.1	0.443	20210	0.316	0.614	0.0729	0.142	ND	T2601857.D	2026-04-10 22:58	1.859	13.083	720	420753	65.7	10.801	-1.2%
PPSP-13-S-20260325	C69735				39.1	0.443	20210	0.316	0.614	0.0729	0.142	ND	T2601864.D	2026-04-11 02:00	1.859	13.084	4147	418566	65.7	10.802	-1.7%
PPSP-12-S-20260325	C37506				39.1	0.443	20211	0.316	0.614	0.0729	0.142	ND	T2601865.D	2026-04-11 02:26	1.859	13.090	5742	412445	65.7	10.802	-3.1%
PPSP-11-S-20260325	B45050				39.1	0.443	20213	0.316	0.614	0.0729	0.142	ND	T2601866.D	2026-04-11 02:52	1.859	13.090	4790	414902	65.7	10.802	-2.5%
PPSP-10-S-20260325	C37432				39.1	0.443	20211	0.316	0.614	0.0729	0.142	ND	T2601868.D	2026-04-11 03:43	1.859	13.090	8956	413280	65.7	10.801	-2.9%
PPSP-9-S-20260325	B51016				39.1	0.443	20211	0.316	0.614	0.0729	0.142	ND	T2601869.D	2026-04-11 04:10	1.859	13.089	7172	411417	65.7	10.801	-3.4%
PPSP-8-S-20260325	C57803				39.1	0.443	20212	0.316	0.614	0.0729	0.142	ND	T2601870.D	2026-04-11 04:35	1.859	13.089	5975	416155	65.7	10.801	-2.2%
PPSP-8-D-20260325	B50657				39.1	0.443	20212	0.316	0.614	0.0729	0.142	ND	T2601871.D	2026-04-11 05:01	1.859	13.090	8542	421497	65.7	10.802	-1.0%
PPSP-7-S-20260325	B29730				39.1	0.443	20215	0.316	0.614	0.0728	0.141	ND	T2601872.D	2026-04-11 05:27	1.859	13.090	7149	416118	65.7	10.802	-2.3%

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
PPSP-6-S-20260325	C33454				39.1	0.443	20196	0.547	0.689	0.126	0.159	ND	T2601858.D	2026-04-10 23:25	1.458	13.261	13216	411474	65.7	10.801	-3.3%
PPSP-5-S-20260325	B46821				39.1	0.443	20199	0.547	0.689	0.126	0.159	ND	T2601859.D	2026-04-10 23:51	1.458	13.273	582	414759	65.7	10.802	-2.6%
PPSP-4-S-20260325	B49488				39.1	0.443	20204	0.547	0.689	0.126	0.159	ND	T2601860.D	2026-04-11 00:17	1.458	13.261	9859	415938	65.7	10.802	-2.3%
PPSP-3-S-20260325	C55332				39.1	0.443	20208	0.547	0.688	0.126	0.159	ND	T2601861.D	2026-04-11 00:43	1.458	13.261	13091	413722	65.7	10.802	-2.8%
PPSP-2-S-20260325	C35795				39.1	0.443	20209	0.547	0.688	0.126	0.159	ND	T2601862.D	2026-04-11 01:08	1.458	13.261	11819	414174	65.7	10.802	-2.7%
PPSP-1-S-20260325	C69436				39.1	0.443	20210	0.547	0.688	0.126	0.159	ND	T2601863.D	2026-04-11 01:34	1.458	13.267	13089	422086	65.7	10.802	-0.9%
PPSP-1-B-20260325	B19806				39.1	0.443	20210	0.547	0.688	0.126	0.159	ND	T2601857.D	2026-04-10 22:58	1.458	13.285	1201	420753	65.7	10.801	-1.2%
PPSP-13-S-20260325	C69735				39.1	0.443	20210	0.547	0.688	0.126	0.159	ND	T2601864.D	2026-04-11 02:00	1.458	13.261	11057	418566	65.7	10.802	-1.7%
PPSP-12-S-20260325	C37506				39.1	0.443	20211	0.547	0.688	0.126	0.159	ND	T2601865.D	2026-04-11 02:26	1.458	13.267	11776	412445	65.7	10.802	-3.1%
PPSP-11-S-20260325	B45050				39.1	0.443	20213	0.547	0.688	0.126	0.159	ND	T2601866.D	2026-04-11 02:52	1.458	13.267	10366	414902	65.7	10.802	-2.5%
PPSP-10-S-20260325	C37432				39.1	0.443	20211	0.547	0.688	0.126	0.159	ND	T2601868.D	2026-04-11 03:43	1.458	13.261	14929	413280	65.7	10.801	-2.9%
PPSP-9-S-20260325	B51016				39.1	0.443	20211	0.547	0.688	0.126	0.159	ND	T2601869.D	2026-04-11 04:10	1.458	13.267	13134	411417	65.7	10.801	-3.4%
PPSP-8-S-20260325	C57803				39.1	0.443	20212	0.547	0.688	0.126	0.159	ND	T2601870.D	2026-04-11 04:35	1.458	13.267	12266	416155	65.7	10.801	-2.2%
PPSP-8-D-20260325	B50657				39.1	0.443	20212	0.547	0.688	0.126	0.159	ND	T2601871.D	2026-04-11 05:01	1.458	13.267	13274	421497	65.7	10.802	-1.0%
PPSP-7-S-20260325	B29730				39.1	0.443	20215	0.547	0.688	0.126	0.159	ND	T2601872.D	2026-04-11 05:27	1.458	13.267	12210	416118	65.7	10.802	-2.3%

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
PPSP-6-S-20260325	C33454				39.1	0.443	20196	0.573	0.641	0.132	0.148	ND	T2601858.D	2026-04-10 23:25	1.479	13.762	5108	411474	65.7	10.801	-3.3%
PPSP-5-S-20260325	B46821				39.1	0.443	20199	0.573	0.640	0.132	0.148	ND	T2601859.D	2026-04-10 23:51	1.479	13.536	0	414759	65.7	10.802	-2.6%
PPSP-4-S-20260325	B49488				39.1	0.443	20204	0.573	0.640	0.132	0.148	ND	T2601860.D	2026-04-11 00:17	1.479	13.763	3899	415938	65.7	10.802	-2.3%
PPSP-3-S-20260325	C55332				39.1	0.443	20208	0.572	0.640	0.132	0.148	ND	T2601861.D	2026-04-11 00:43	1.479	13.763	4777	413722	65.7	10.802	-2.8%
PPSP-2-S-20260325	C35795				39.1	0.443	20209	0.572	0.640	0.132	0.148	ND	T2601862.D	2026-04-11 01:08	1.479	13.763	4672	414174	65.7	10.802	-2.7%
PPSP-1-S-20260325	C69436				39.1	0.443	20210	0.572	0.640	0.132	0.148	ND	T2601863.D	2026-04-11 01:34	1.479	13.769	4782	422086	65.7	10.802	-0.9%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260325	B19806				39.1	0.443	20210	0.572	0.640	0.132	0.148	ND	T2601857.D	2026-04-10 22:58	1.479	13.769	487	420753	65.7	10.801	-1.2%
PPSP-13-S-20260325	C69735				39.1	0.443	20210	0.572	0.640	0.132	0.148	ND	T2601864.D	2026-04-11 02:00	1.479	13.763	4095	418566	65.7	10.802	-1.7%
PPSP-12-S-20260325	C37506				39.1	0.443	20211	0.572	0.640	0.132	0.148	ND	T2601865.D	2026-04-11 02:26	1.479	13.763	4166	412445	65.7	10.802	-3.1%
PPSP-11-S-20260325	B45050				39.1	0.443	20213	0.572	0.640	0.132	0.147	ND	T2601866.D	2026-04-11 02:52	1.479	13.769	3600	414902	65.7	10.802	-2.5%
PPSP-10-S-20260325	C37432				39.1	0.443	20211	0.572	0.640	0.132	0.148	ND	T2601868.D	2026-04-11 03:43	1.479	13.763	6063	413280	65.7	10.801	-2.9%
PPSP-9-S-20260325	B51016				39.1	0.443	20211	0.572	0.640	0.132	0.148	ND	T2601869.D	2026-04-11 04:10	1.479	13.769	5025	411417	65.7	10.801	-3.4%
PPSP-8-S-20260325	C57803				39.1	0.443	20212	0.572	0.640	0.132	0.147	ND	T2601870.D	2026-04-11 04:35	1.479	13.769	4332	416155	65.7	10.801	-2.2%
PPSP-8-D-20260325	B50657				39.1	0.443	20212	0.572	0.640	0.132	0.147	ND	T2601871.D	2026-04-11 05:01	1.479	13.763	5264	421497	65.7	10.802	-1.0%
PPSP-7-S-20260325	B29730				39.1	0.443	20215	0.572	0.640	0.132	0.147	ND	T2601872.D	2026-04-11 05:27	1.479	13.769	4997	416118	65.7	10.802	-2.3%

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
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2026FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260325	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260325	29%	Pass	44%	Fail	ND	Pass	ND	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	T2601855.D	C67302	Cal	1.397	1.234	1.397	13%	7.6%		Pass	
2026FW201 Method Blank-1	T2601856.D	C55742	Blank		1.234	1.397			0.17%	Pass	ND
M325B CCV 5	T2601867.D	C57571	Check	1.388	1.234	1.397	12%		0.64%	Pass	
M325B CCV 5	T2601873.D	C01646	Check	1.386	1.234	1.397	12%		2.1%	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	T2601855.D	C67302	Cal	1.694	1.433	1.694	18%	11%		Pass	
2026FW201 Method Blank-1	T2601856.D	C55742	Blank		1.433	1.694			-2.1%	Pass	ND
M325B CCV 5	T2601867.D	C57571	Check	1.692	1.433	1.694	18%		-0.15%	Pass	
M325B CCV 5	T2601873.D	C01646	Check	1.676	1.433	1.694	17%		0.40%	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	T2601855.D	C67302	Cal	1.859	1.616	1.859	15%	11%		Pass	
2026FW201 Method Blank-1	T2601856.D	C55742	Blank		1.616	1.859			-2.1%	Pass	ND
M325B CCV 5	T2601867.D	C57571	Check	1.884	1.616	1.859	17%		-0.15%	Pass	
M325B CCV 5	T2601873.D	C01646	Check	1.765	1.616	1.859	9.2%		0.40%	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	T2601855.D	C67302	Cal	1.458	1.275	1.458	14%	11%		Pass	
2026FW201 Method Blank-1	T2601856.D	C55742	Blank		1.275	1.458			-2.1%	Pass	ND
M325B CCV 5	T2601867.D	C57571	Check	1.480	1.275	1.458	16%		-0.15%	Pass	
M325B CCV 5	T2601873.D	C01646	Check	1.349	1.275	1.458	5.8%		0.40%	Pass	

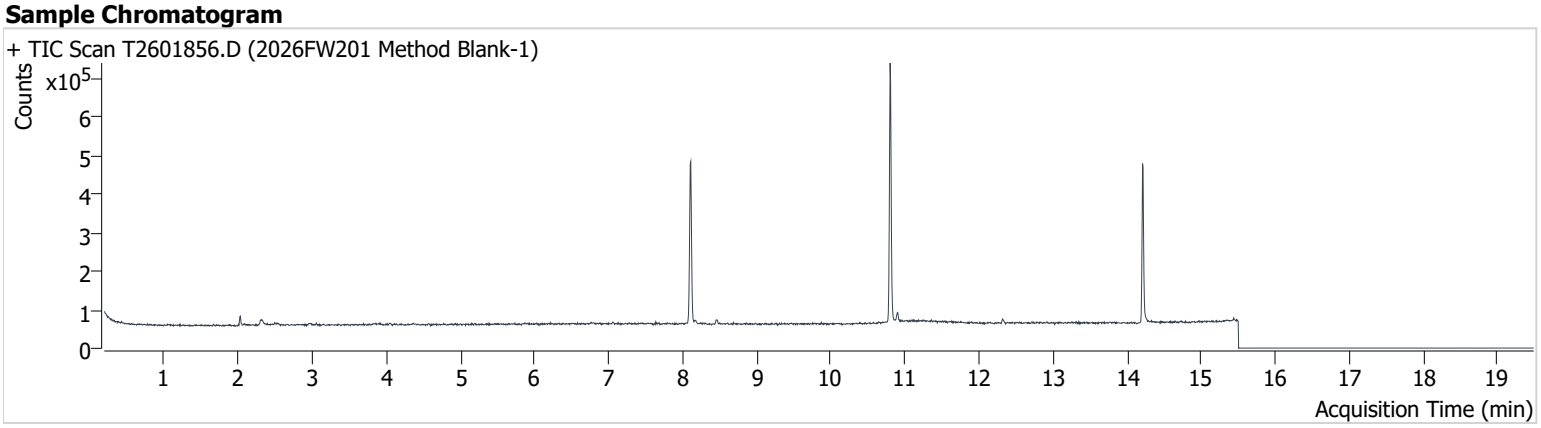
o-Xylene Calibration and Blanks

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	T2601855.D	C67302	Cal	1.479	1.290	1.479	15%	11%		Pass	
2026FW201 Method Blank-1	T2601856.D	C55742	Blank		1.290	1.479			-2.1%	Pass	ND
M325B CCV 5	T2601867.D	C57571	Check	1.515	1.290	1.479	18%		-0.15%	Pass	
M325B CCV 5	T2601873.D	C01646	Check	1.405	1.290	1.479	8.9%		0.40%	Pass	

Chromatograms

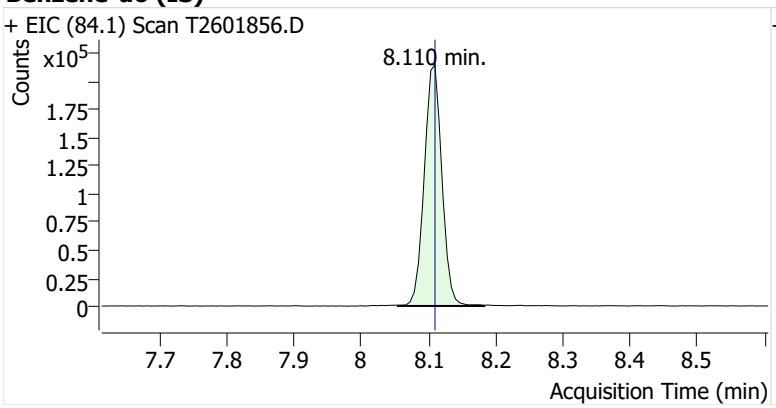
Name	2026FW201 Method Blank-1
Comment	C55742
Data File	T2601856.D
Acq. Date-Time	4/10/2026 10:33:27 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

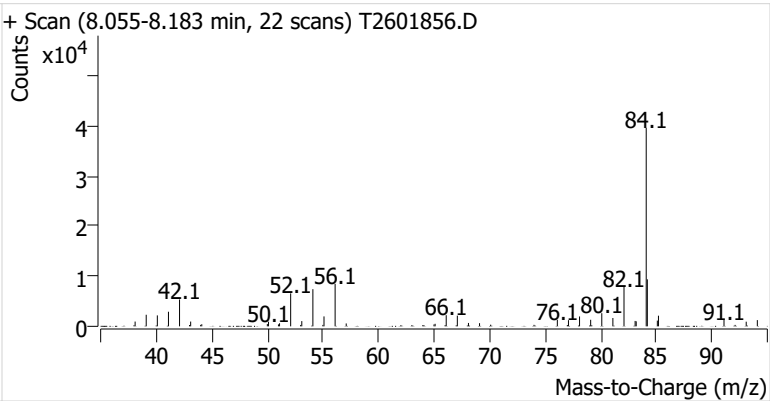
Sample Chromatogram



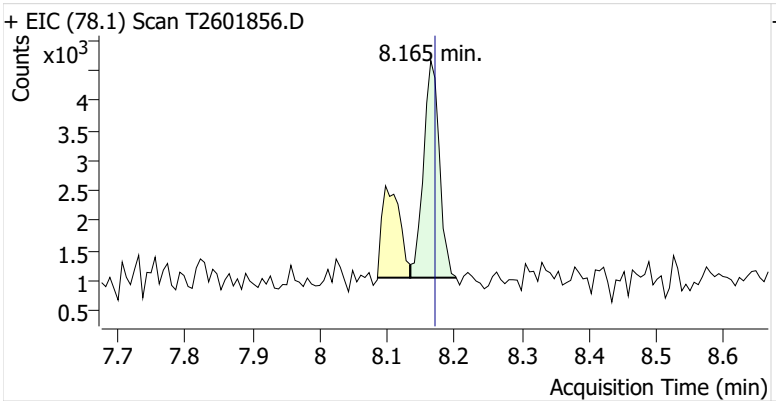
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	391,265	
Benzene	Benzene-d6 (IS)	8.165	8.171	5,950	
Toluene-d8 (IS)		10.801	10.808	416,949	
Toluene	Toluene-d8 (IS)	10.899	10.900	15,291	
Ethylbenzene	Toluene-d8 (IS)	13.096	13.090	1,578	
m-/p-Xylenes	Toluene-d8 (IS)	13.291	13.267	1,120	
o-Xylene	Toluene-d8 (IS)	13.756	13.769	605	

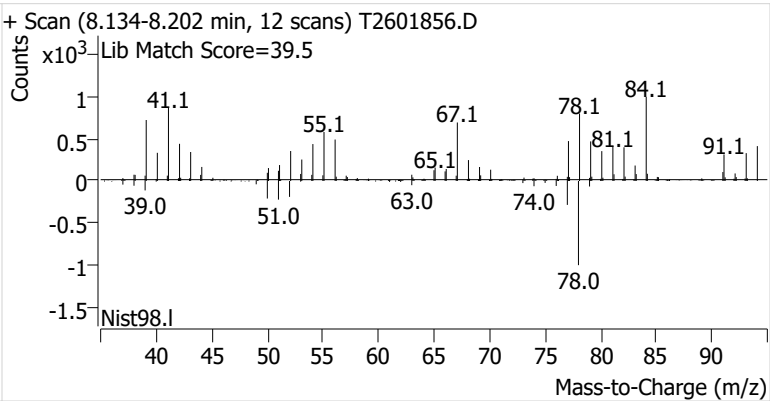
Benzene-d6 (IS)



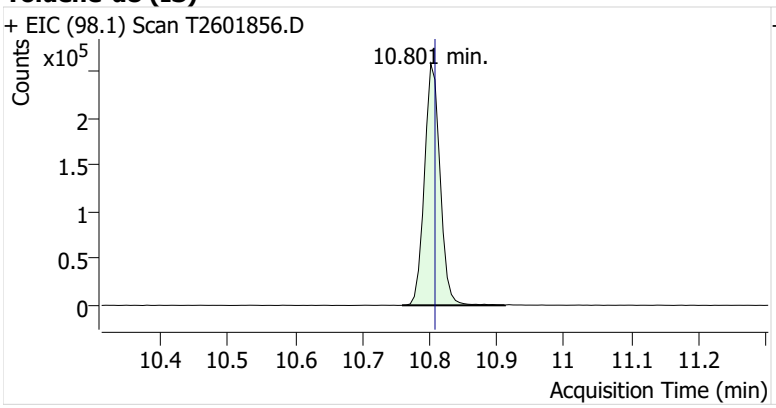


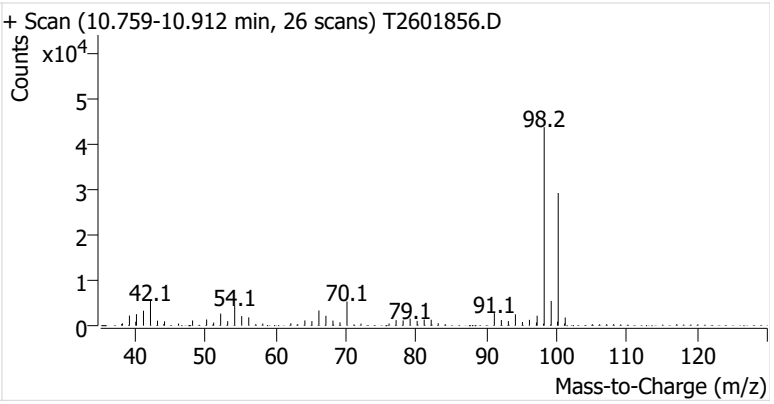
Benzene



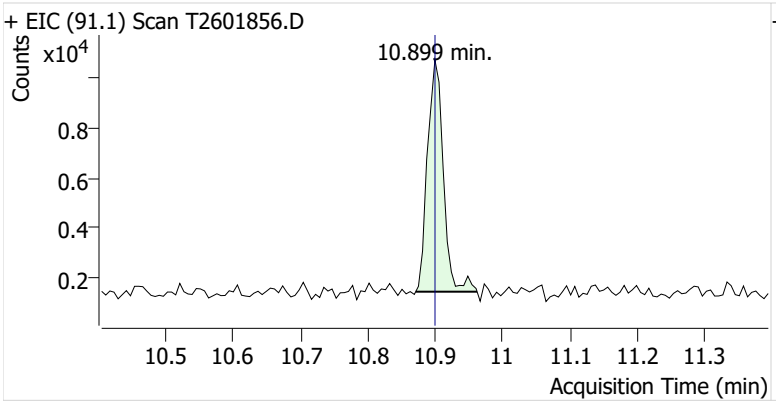


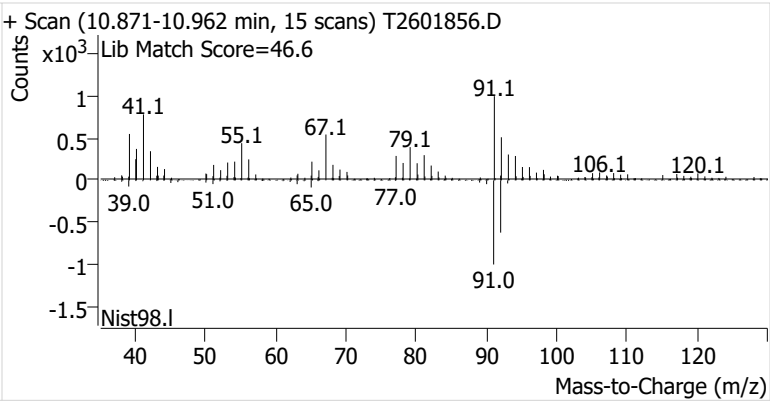
Toluene-d8 (IS)



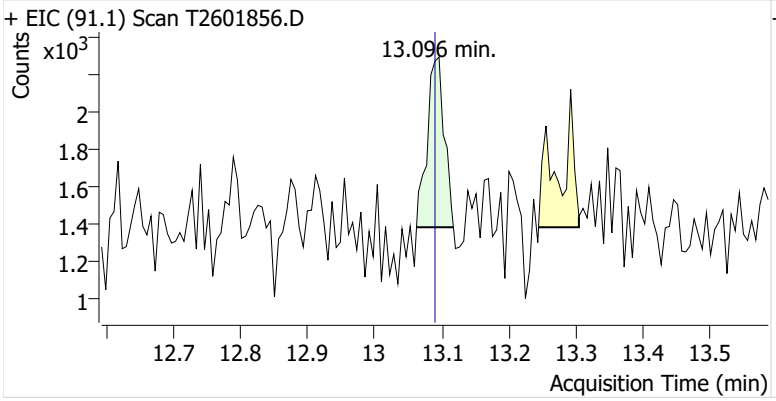


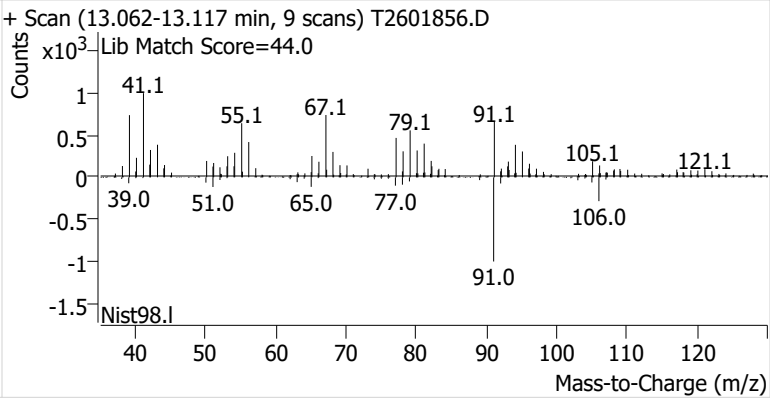
Toluene



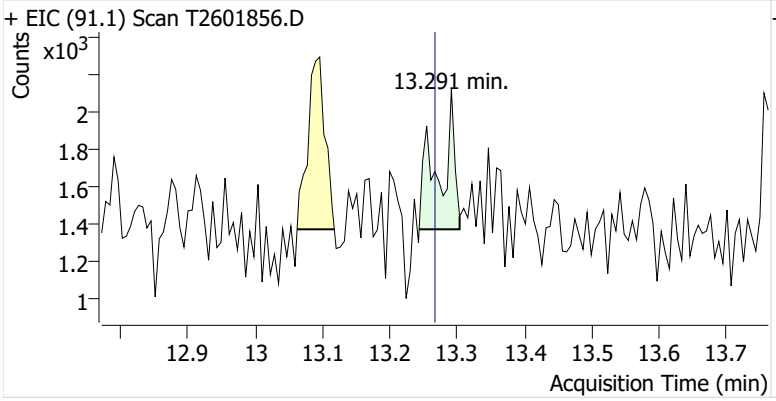


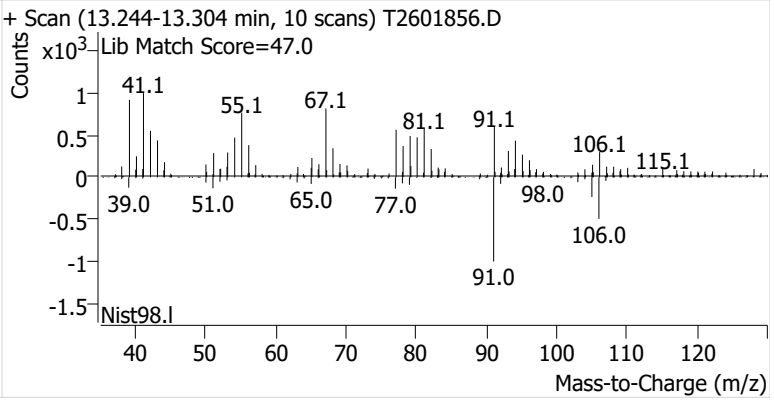
Ethylbenzene



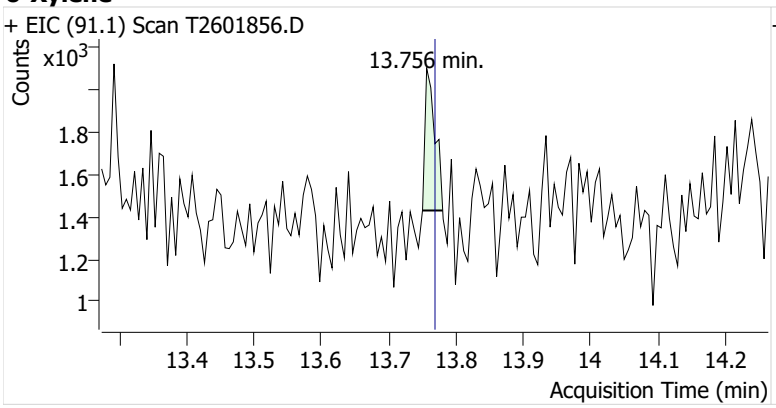


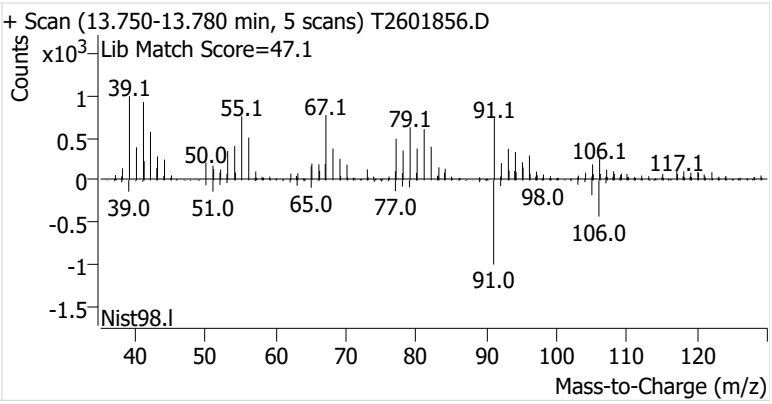
m-/p-Xylenes





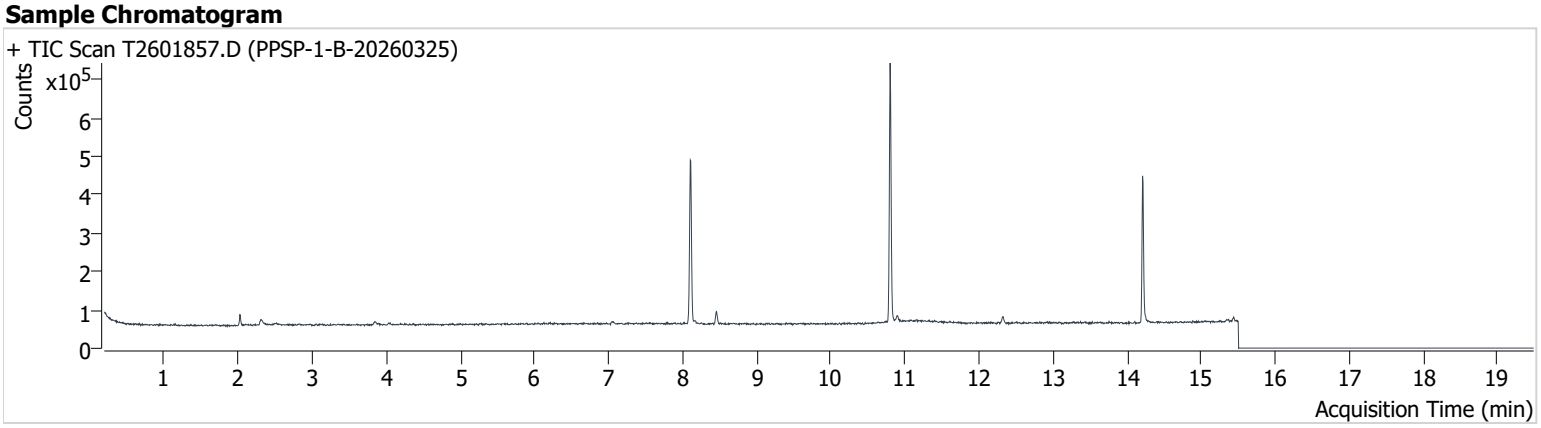
o-Xylene


+ EIC (91.1) Scan T2601856.D
Counts
x10^3
13.756 min.
1.8
1.6
1.4
1.2
1
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.750-13.780 min, 5 scans) T2601856.D
Counts
x10^3
Lib Match Score=47.1
39.1
55.1
67.1
79.1
91.1
50.0
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)

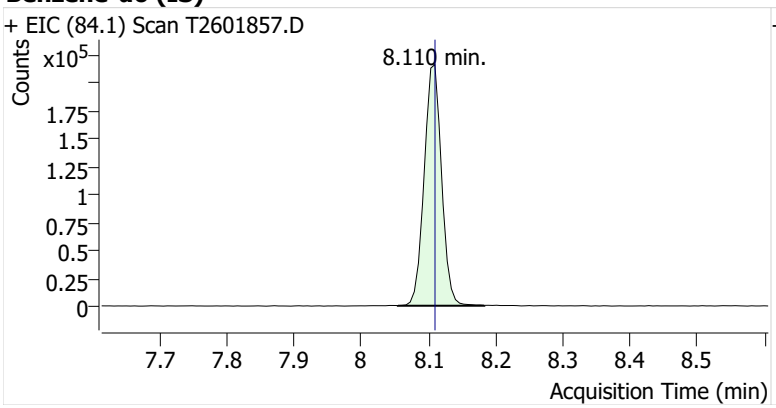
Name	PPSP-1-B-20260325
Comment	B19806
Data File	T2601857.D
Acq. Date-Time	4/10/2026 10:58:57 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

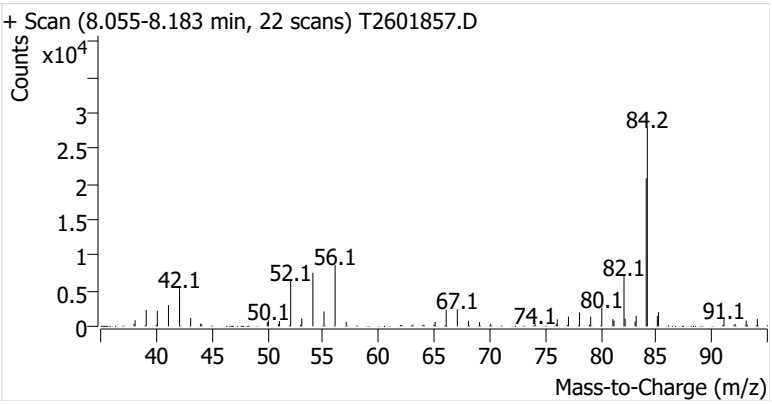
Sample Chromatogram



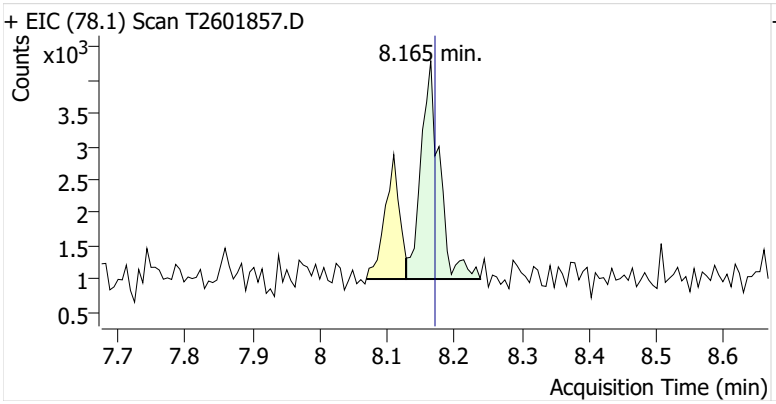
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	387,629	
Benzene	Benzene-d6 (IS)	8.165	8.171	6,362	
Toluene-d8 (IS)		10.801	10.808	420,753	
Toluene	Toluene-d8 (IS)	10.899	10.900	10,874	
Ethylbenzene	Toluene-d8 (IS)	13.083	13.090	720	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.267	1,201	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	487	

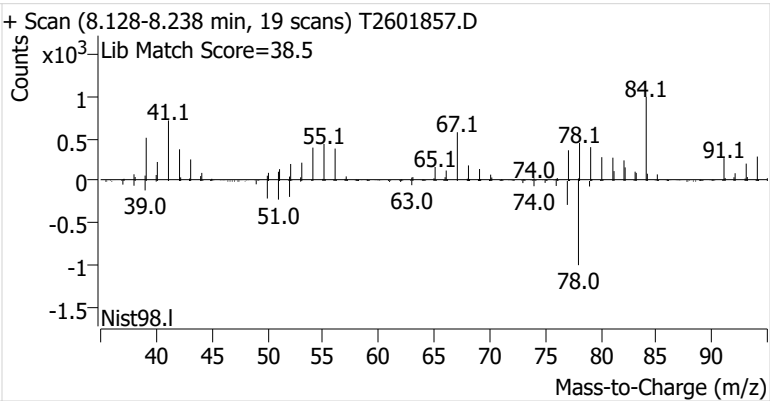
Benzene-d6 (IS)



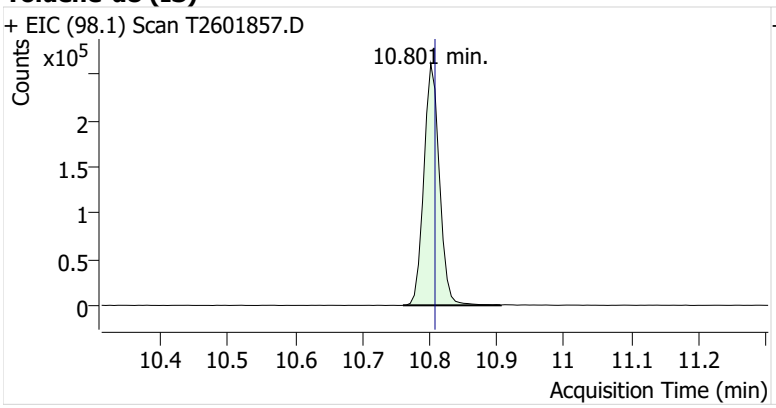


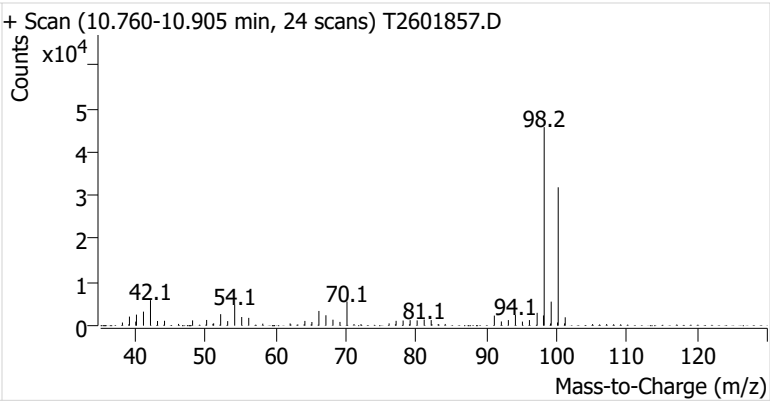
Benzene



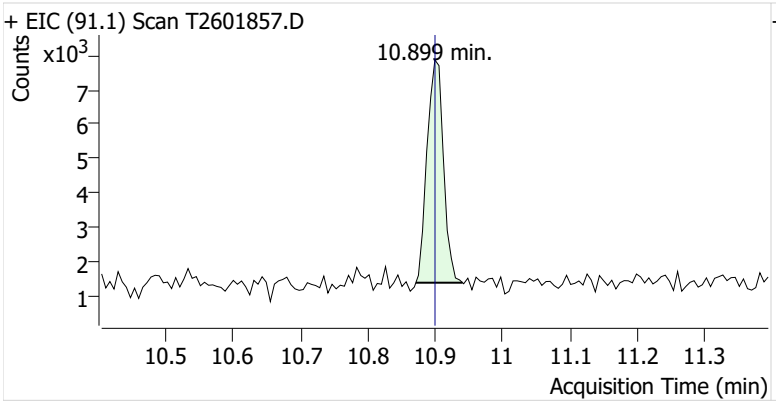


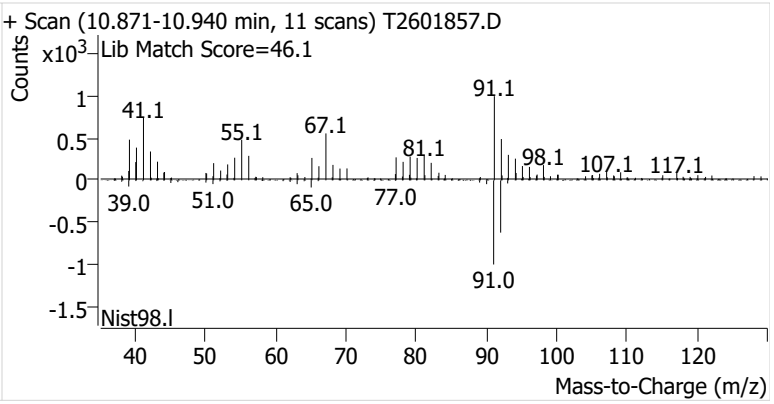
Toluene-d8 (IS)



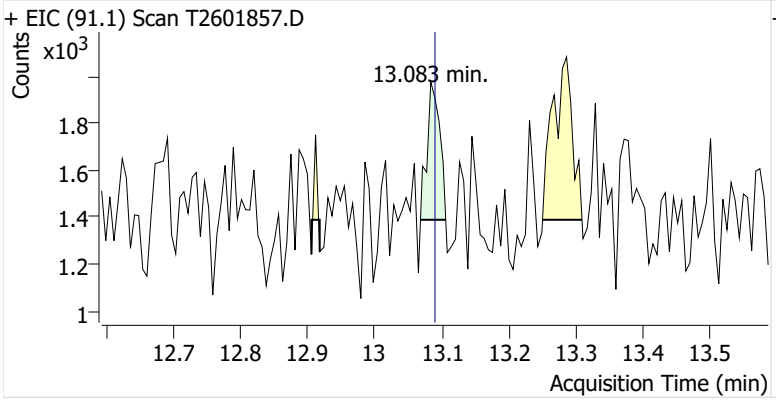


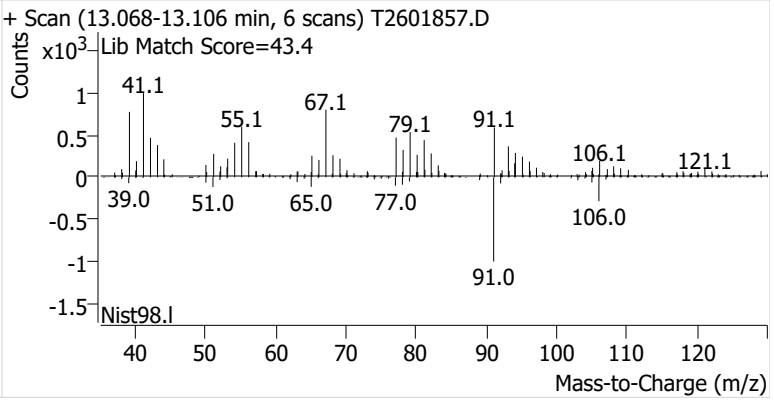
Toluene



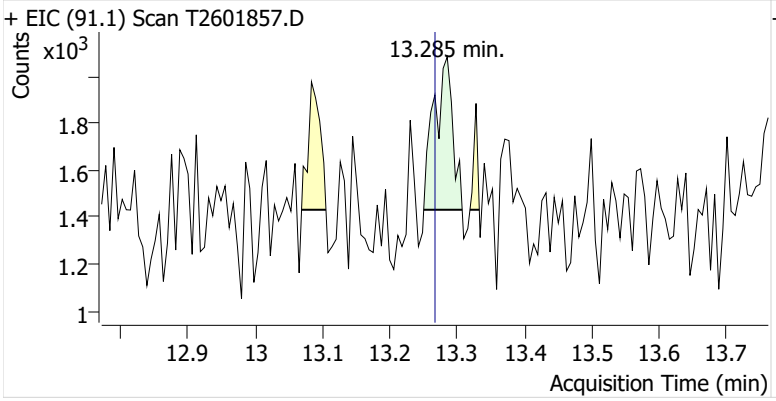


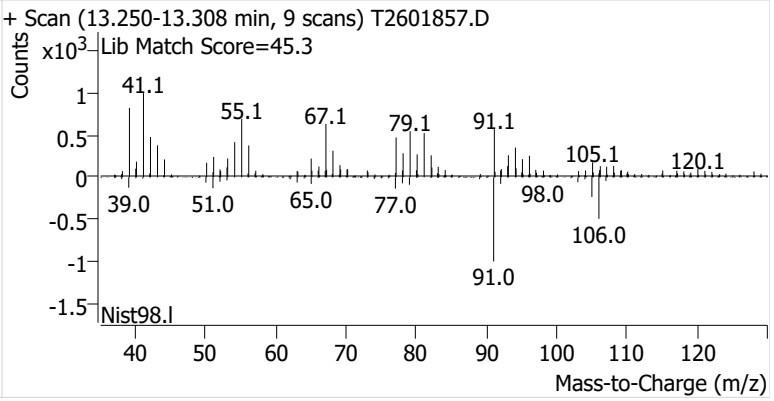
Ethylbenzene



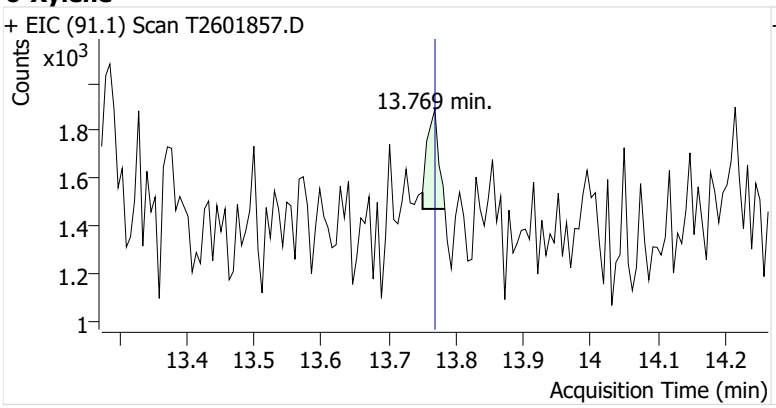


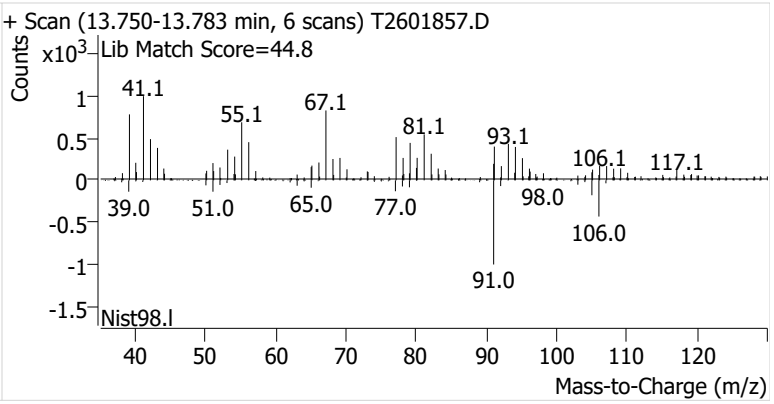
m-/p-Xylenes





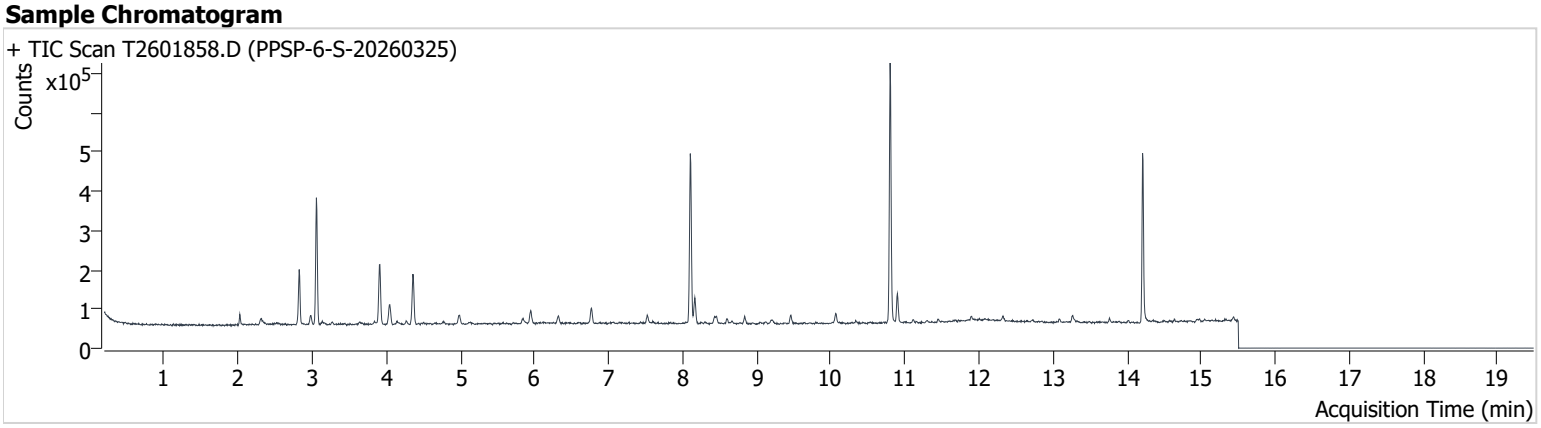
o-Xylene


+ EIC (91.1) Scan T2601857.D
Counts
x10^3
13.769 min.
1.8
1.6
1.4
1.2
1
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.750-13.783 min, 6 scans) T2601857.D
Counts
x10^3
Lib Match Score=44.8
41.1
55.1
67.1
81.1
93.1
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)

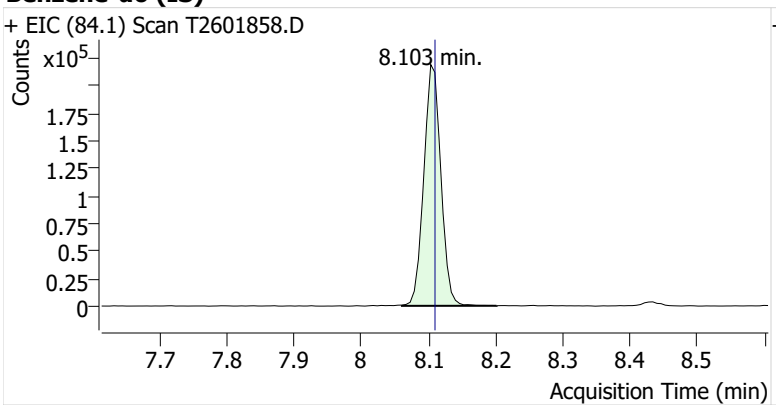
Name	PPSP-6-S-20260325
Comment	C33454
Data File	T2601858.D
Acq. Date-Time	4/10/2026 11:25:13 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

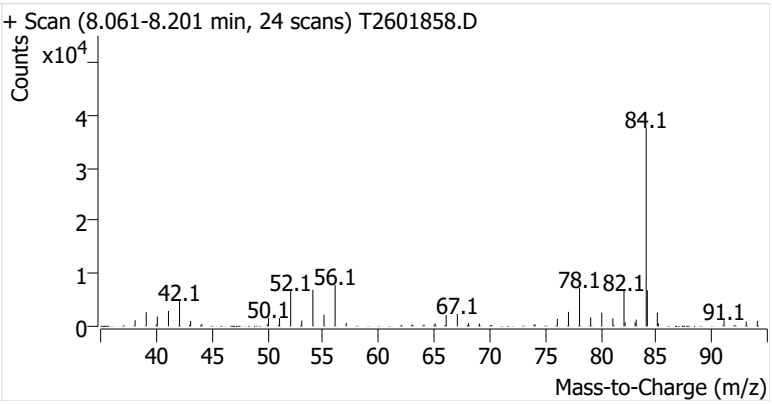
Sample Chromatogram



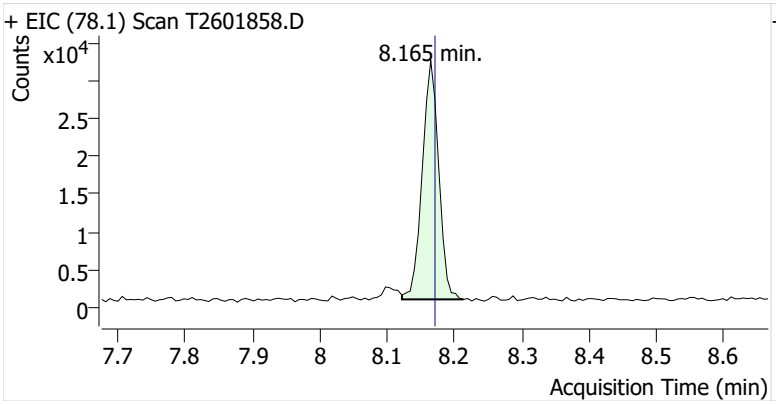
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.103	8.110	386,279	
Benzene	Benzene-d6 (IS)	8.165	8.171	53,917	
Toluene-d8 (IS)		10.801	10.808	411,474	
Toluene	Toluene-d8 (IS)	10.899	10.900	49,880	
Ethylbenzene	Toluene-d8 (IS)	13.089	13.090	5,788	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	13,216	
o-Xylene	Toluene-d8 (IS)	13.762	13.769	5,108	

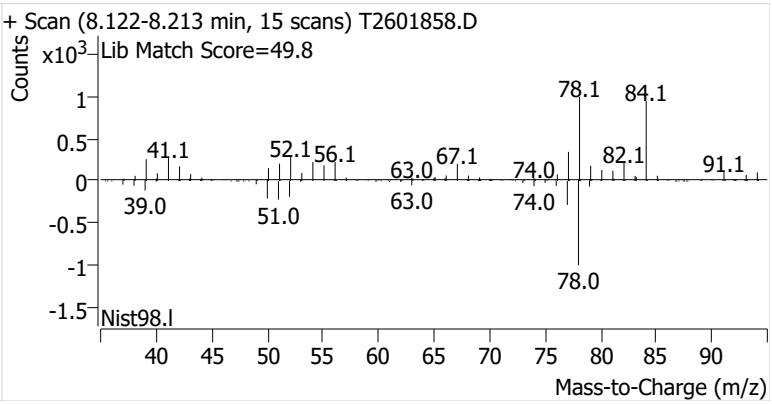
Benzene-d6 (IS)



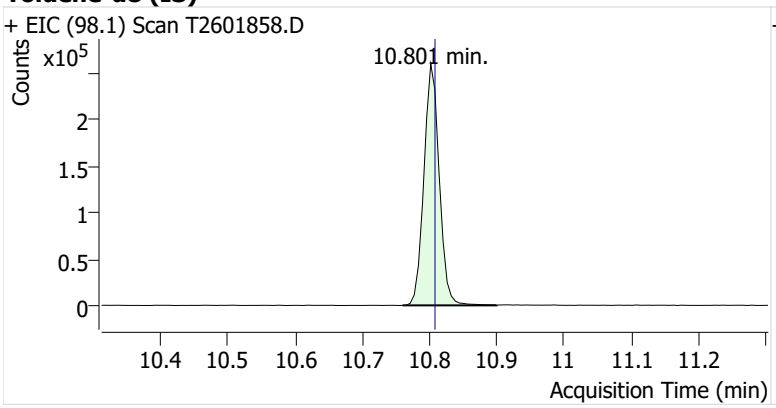


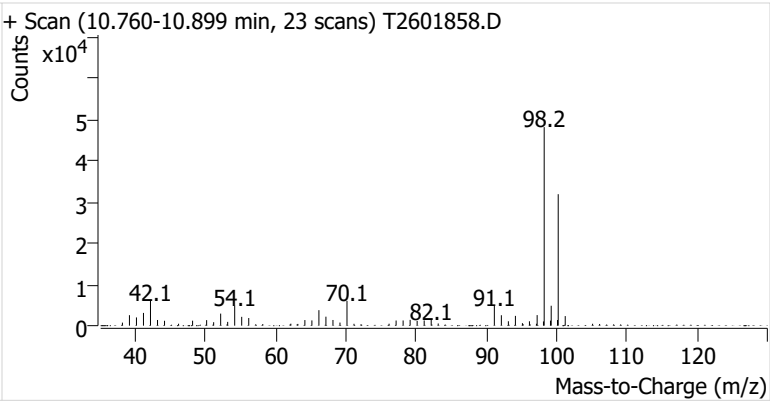
Benzene



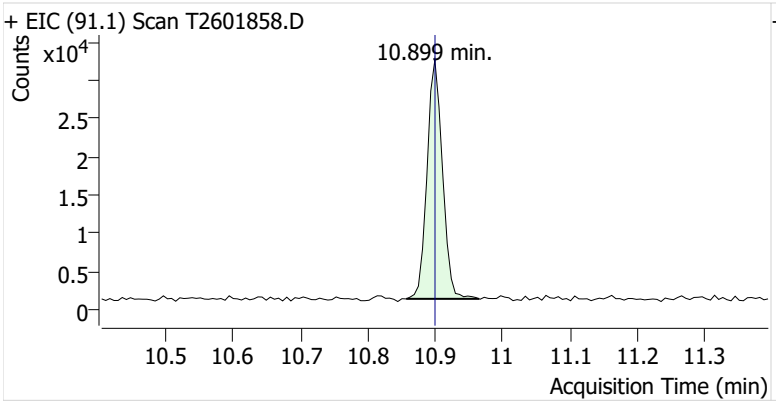


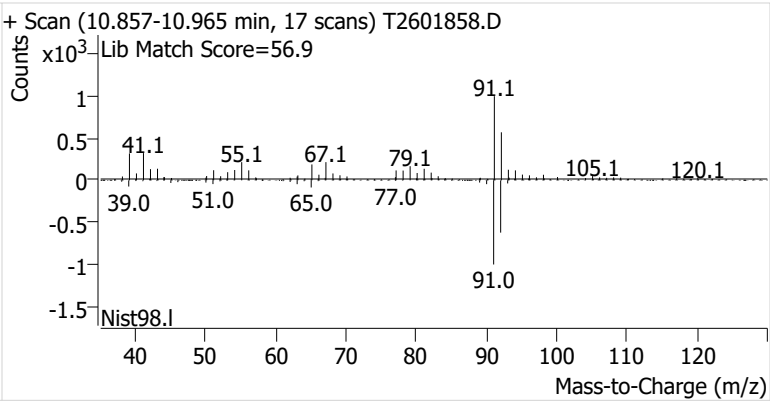
Toluene-d8 (IS)



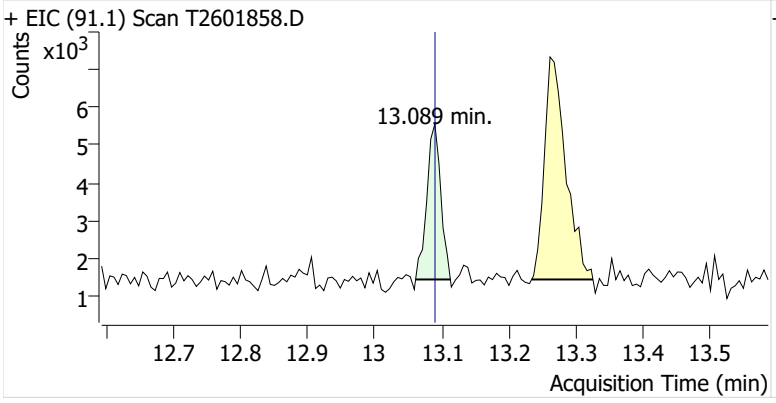


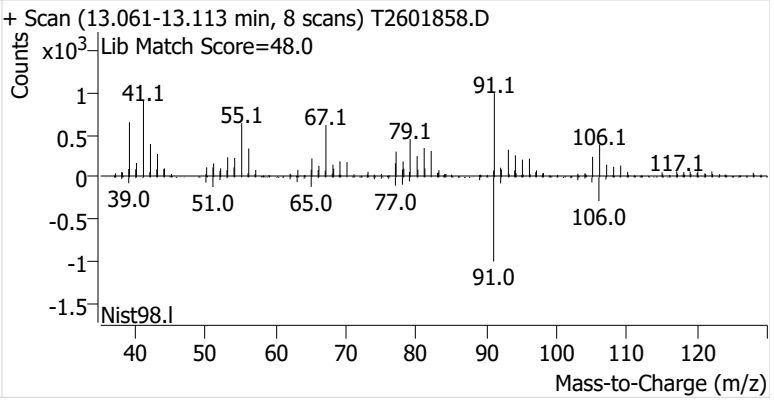
Toluene



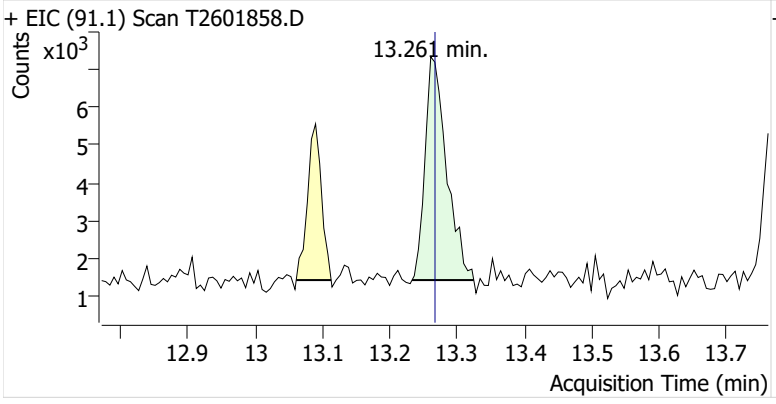


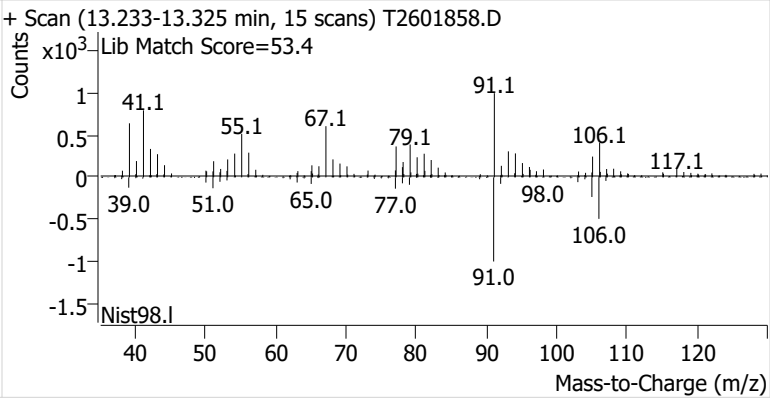
Ethylbenzene



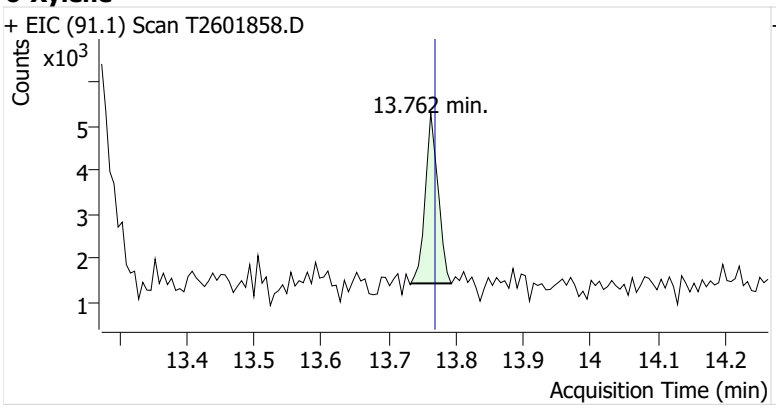


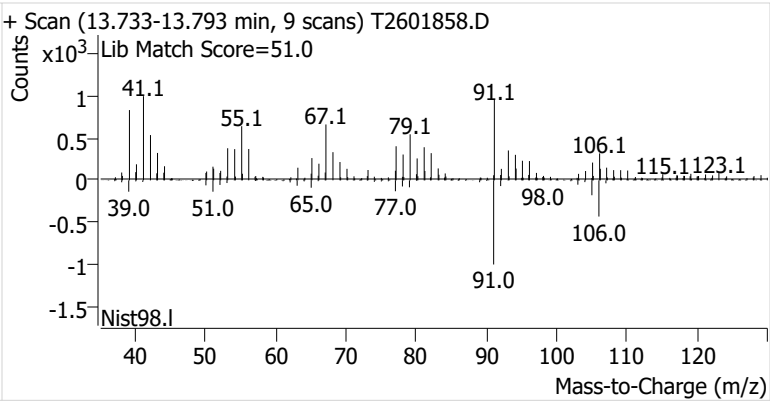
m-/p-Xylenes





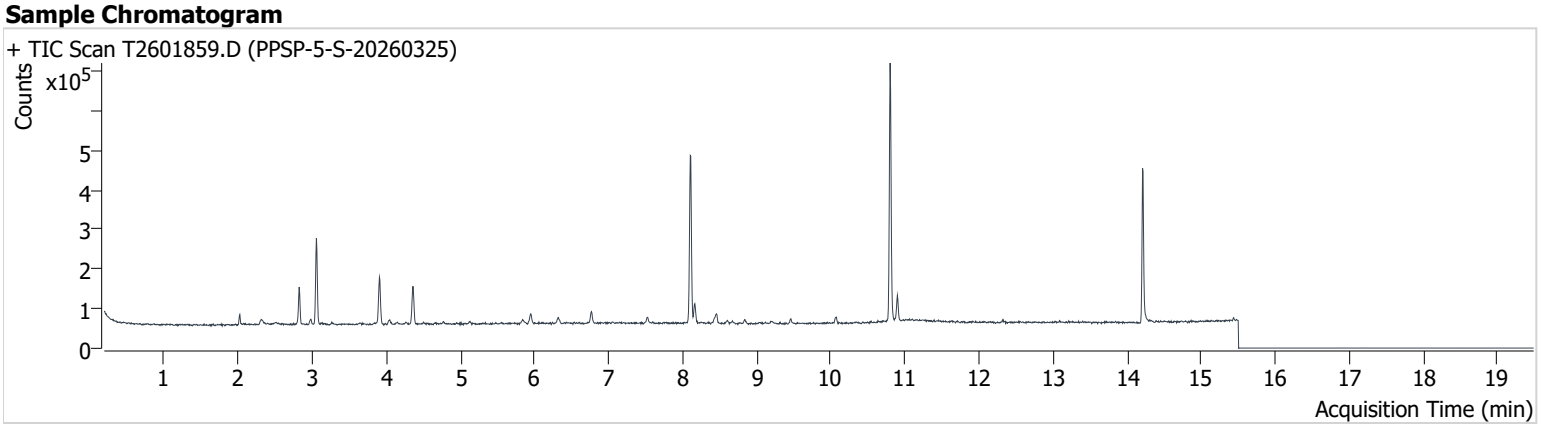
o-Xylene


+ EIC (91.1) Scan T2601858.D
Counts
x10^3
13.762 min.
Acquisition Time (min)


+ Scan (13.733-13.793 min, 9 scans) T2601858.D
Lib Match Score=51.0
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

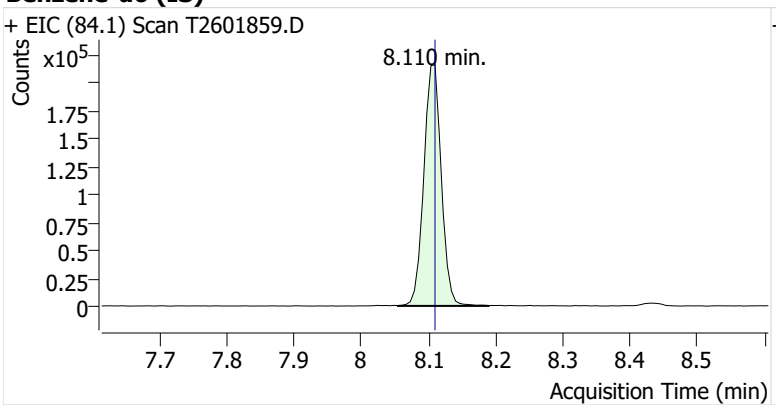
Name	PPSP-5-S-20260325
Comment	B46821
Data File	T2601859.D
Acq. Date-Time	4/10/2026 11:51:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

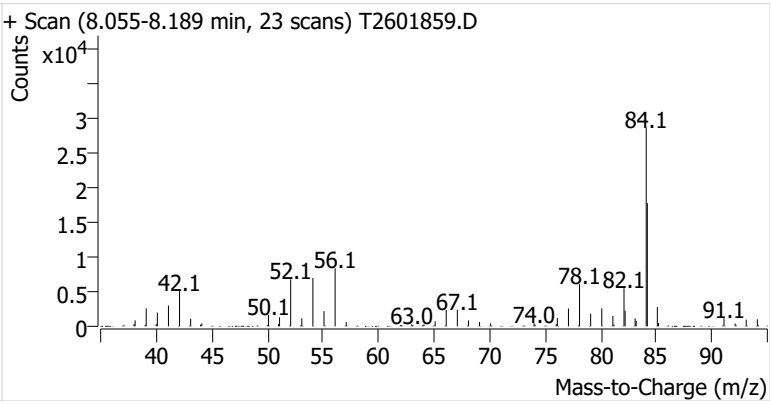
Sample Chromatogram



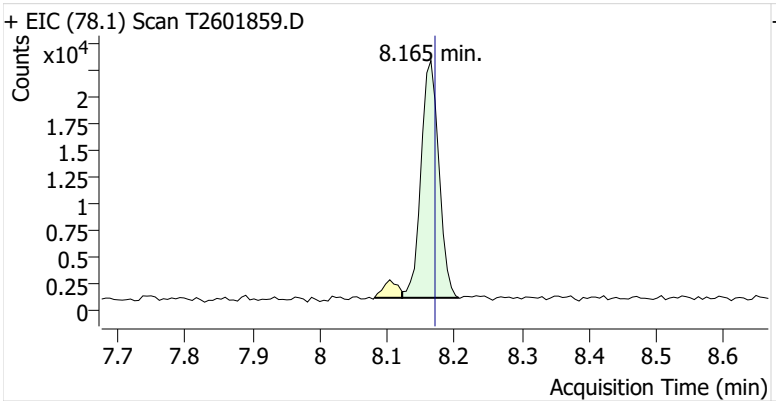
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	389,289	
Benzene	Benzene-d6 (IS)	8.165	8.171	41,137	
Toluene-d8 (IS)		10.802	10.808	414,759	
Toluene	Toluene-d8 (IS)	10.900	10.900	40,848	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	1,530	
m-/p-Xylenes	Toluene-d8 (IS)	13.273	13.267	582	
o-Xylene	Toluene-d8 (IS)	13.536	13.769	ND	m

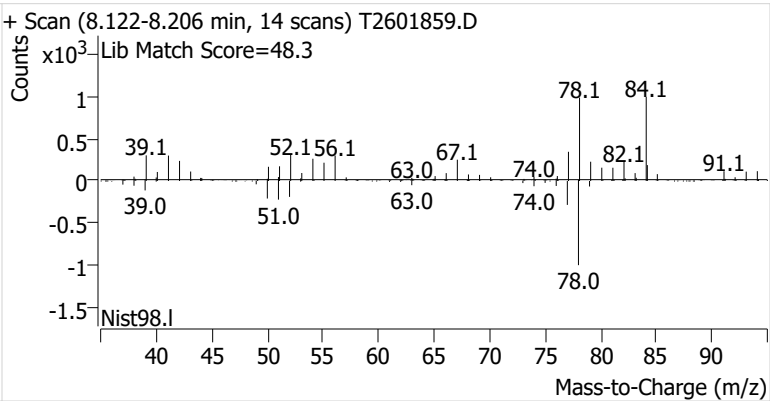
Benzene-d6 (IS)



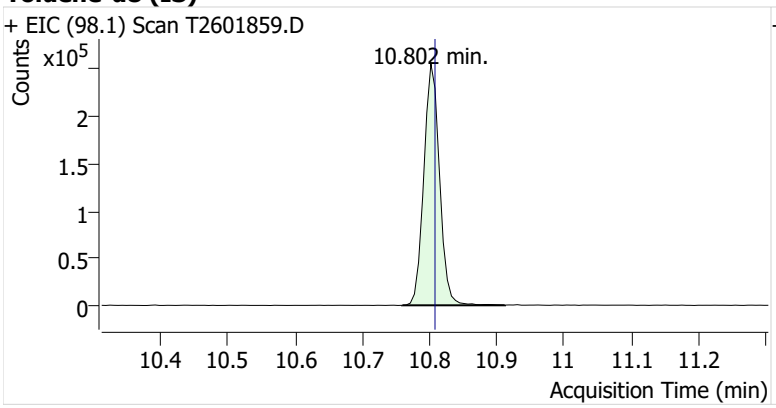


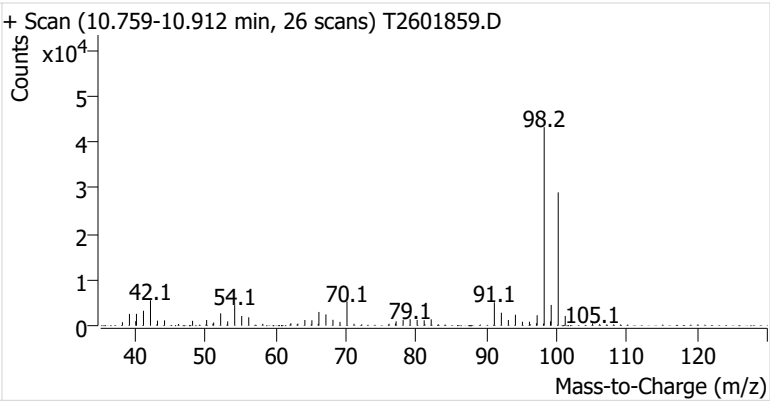
Benzene



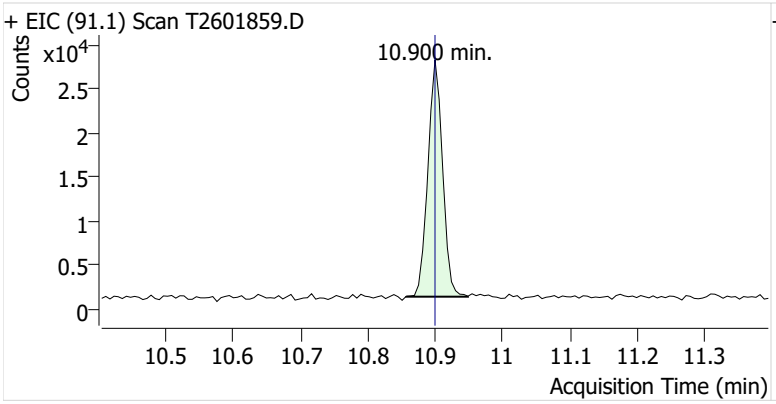


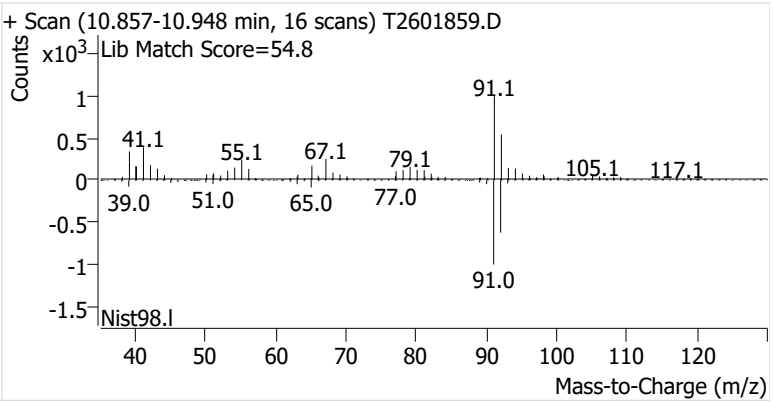
Toluene-d8 (IS)



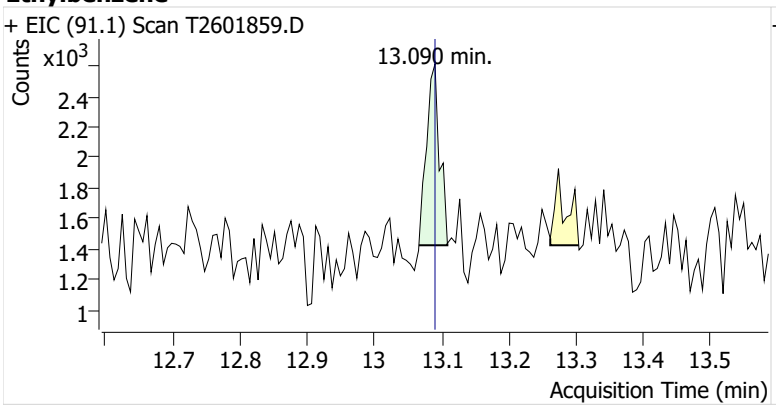


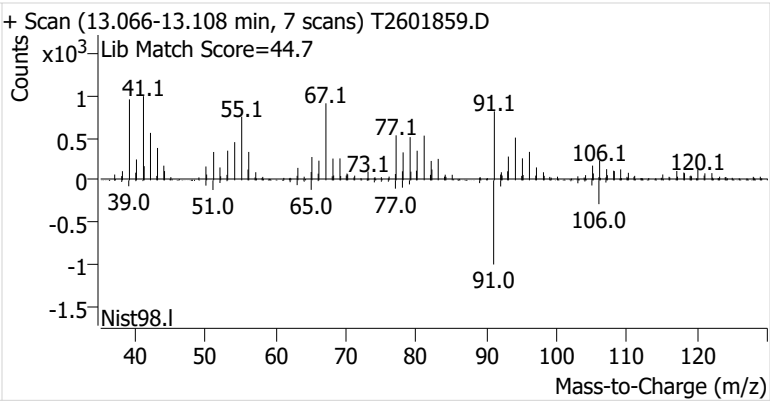
Toluene



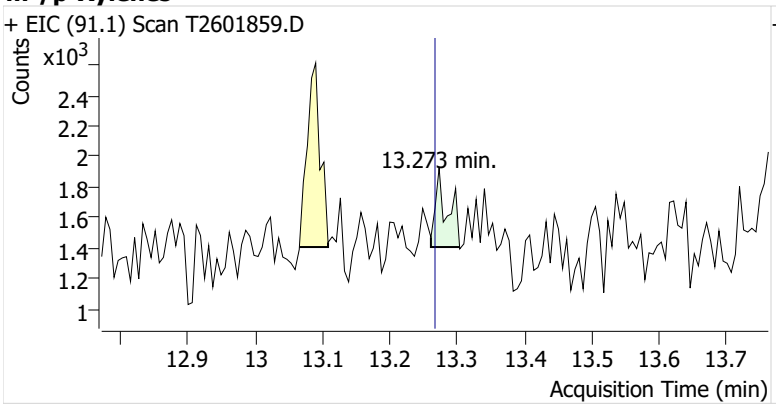


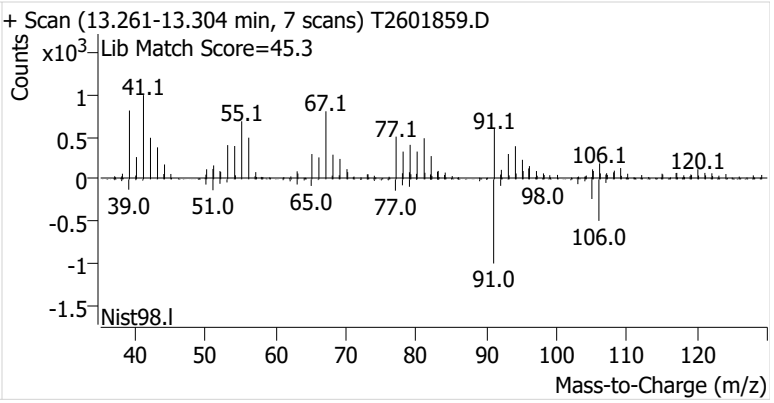
Ethylbenzene



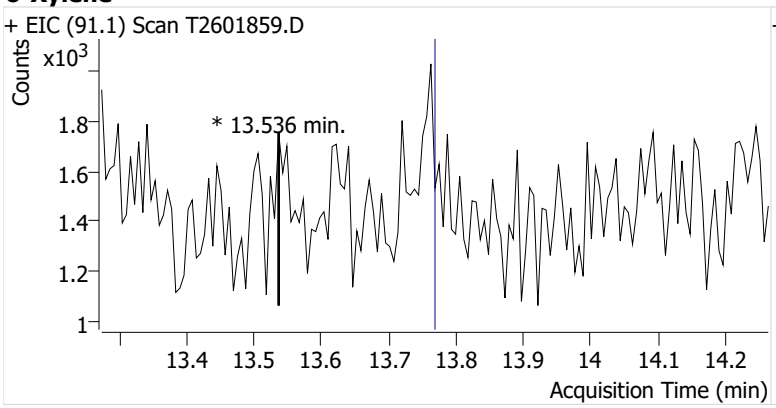


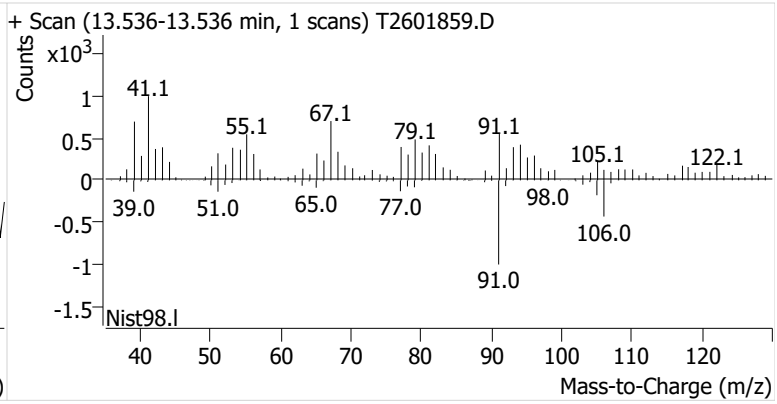
m-/p-Xylenes





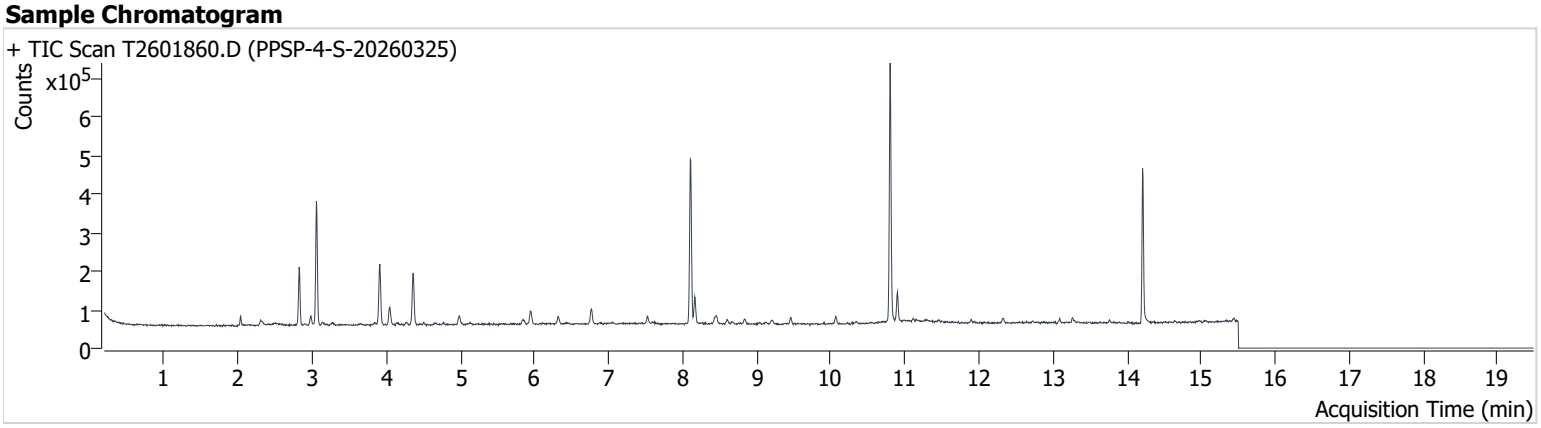
o-Xylene


+ EIC (91.1) Scan T2601859.D
Counts
x10^3
* 13.536 min.
1.8
1.6
1.4
1.2
1
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.536-13.536 min, 1 scans) T2601859.D
Counts
x10^3
41.1
55.1
67.1
79.1
91.1
105.1
122.1
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)

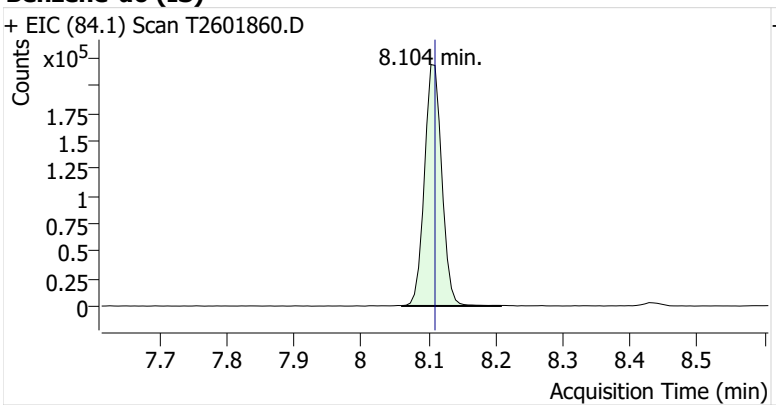
Name	PPSP-4-S-20260325
Comment	B49488
Data File	T2601860.D
Acq. Date-Time	4/11/2026 12:17:15 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

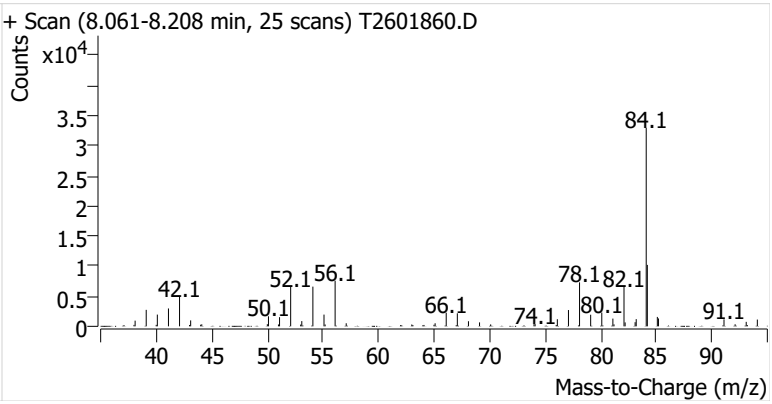
Sample Chromatogram



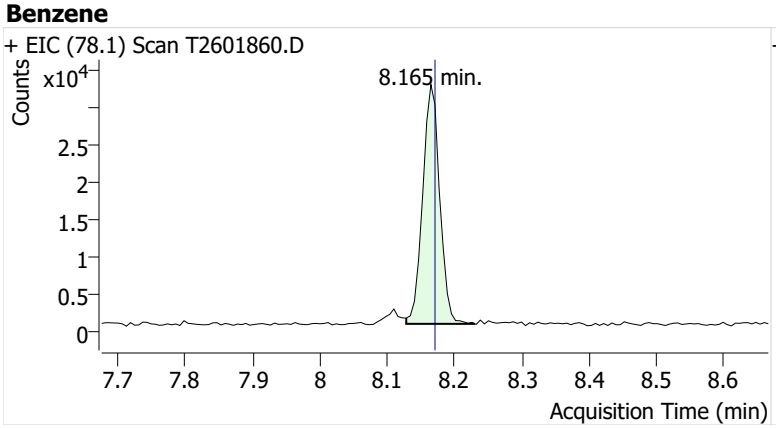
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.104	8.110	392,411	
Benzene	Benzene-d6 (IS)	8.165	8.171	56,185	
Toluene-d8 (IS)		10.802	10.808	415,938	
Toluene	Toluene-d8 (IS)	10.900	10.900	48,540	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	5,666	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	9,859	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	3,899	

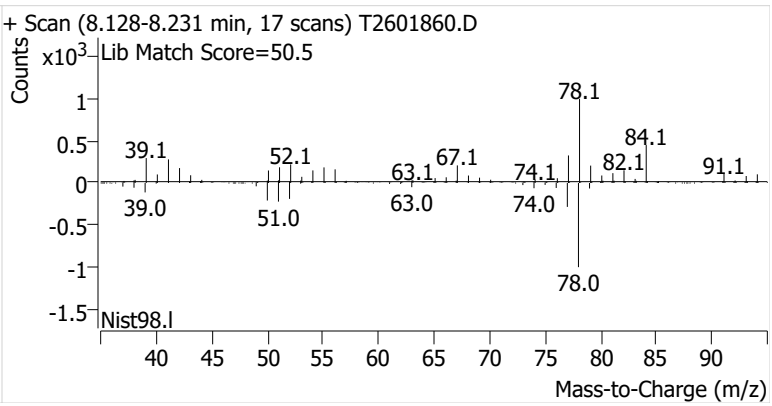
Benzene-d6 (IS)



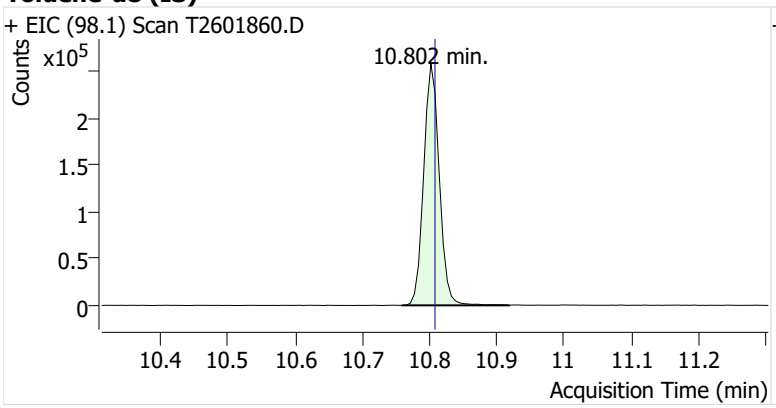


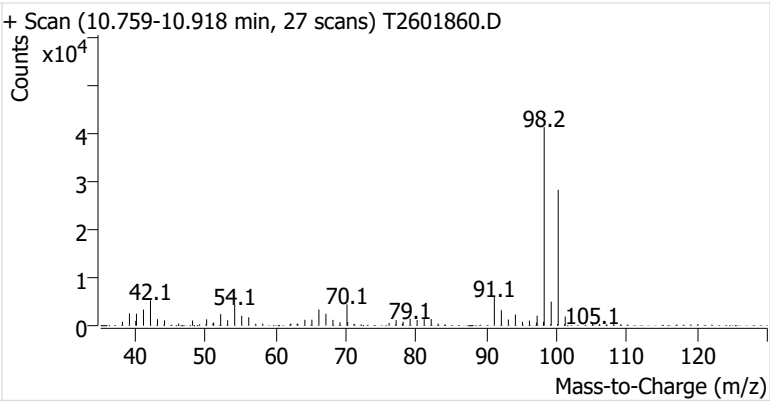
Benzene



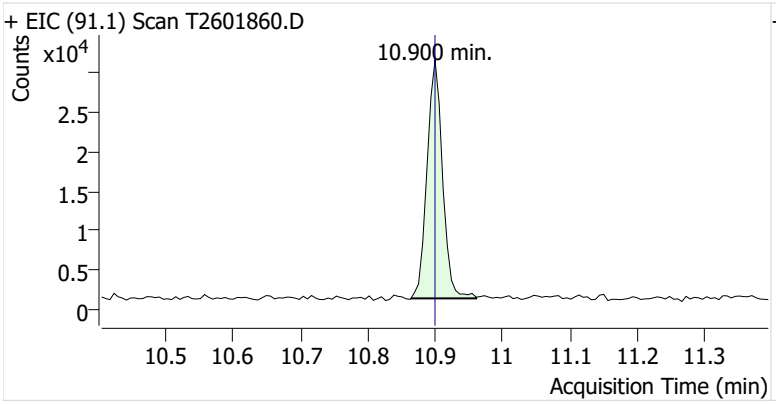


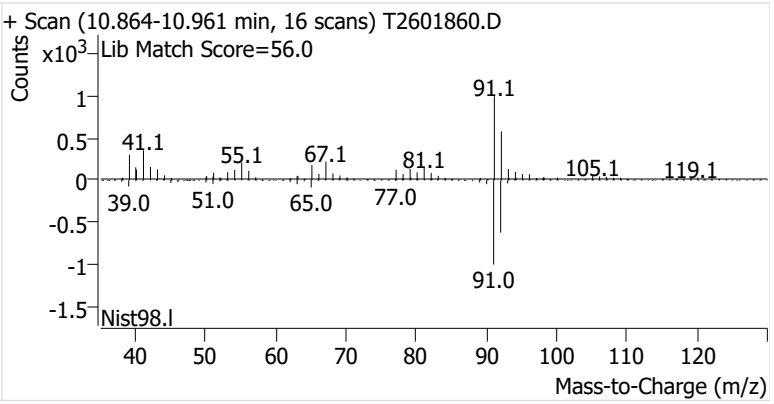
Toluene-d8 (IS)



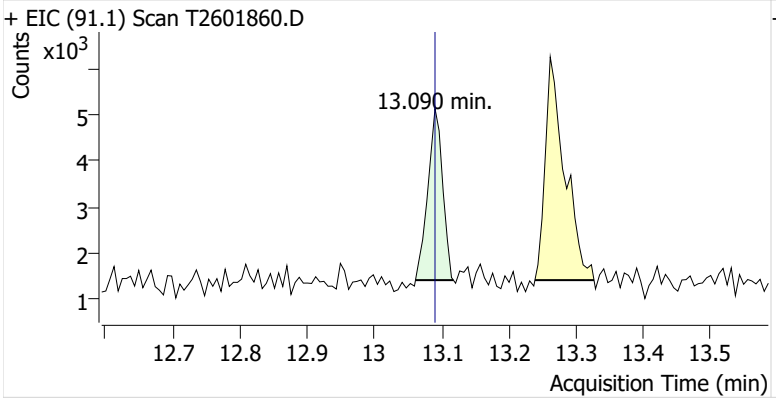


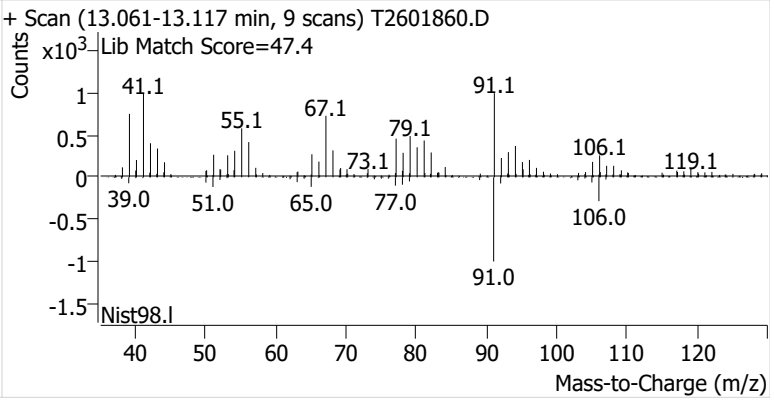
Toluene



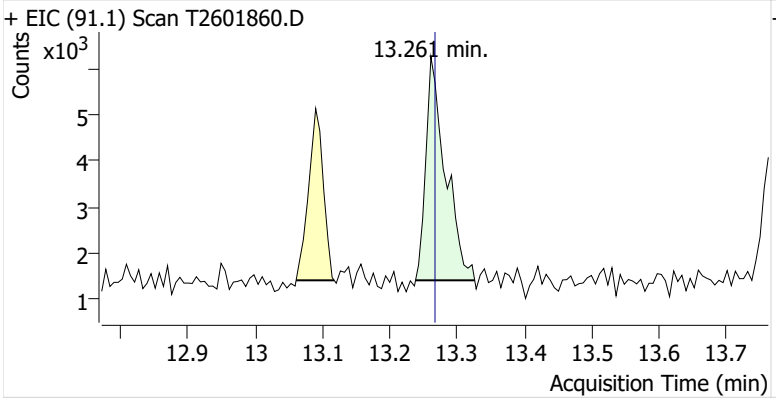


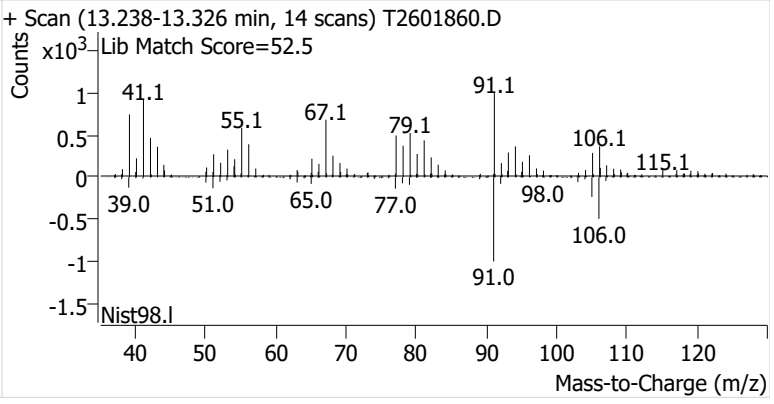
Ethylbenzene



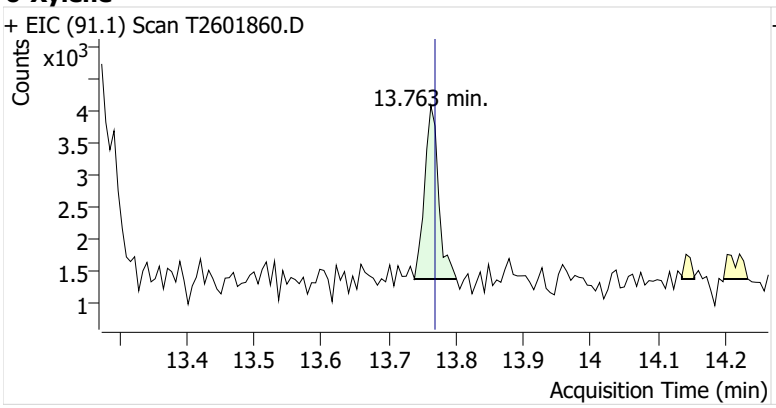


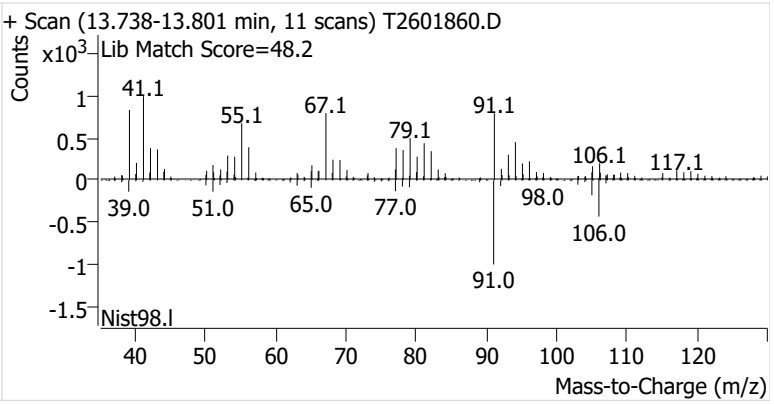
m-/p-Xylenes





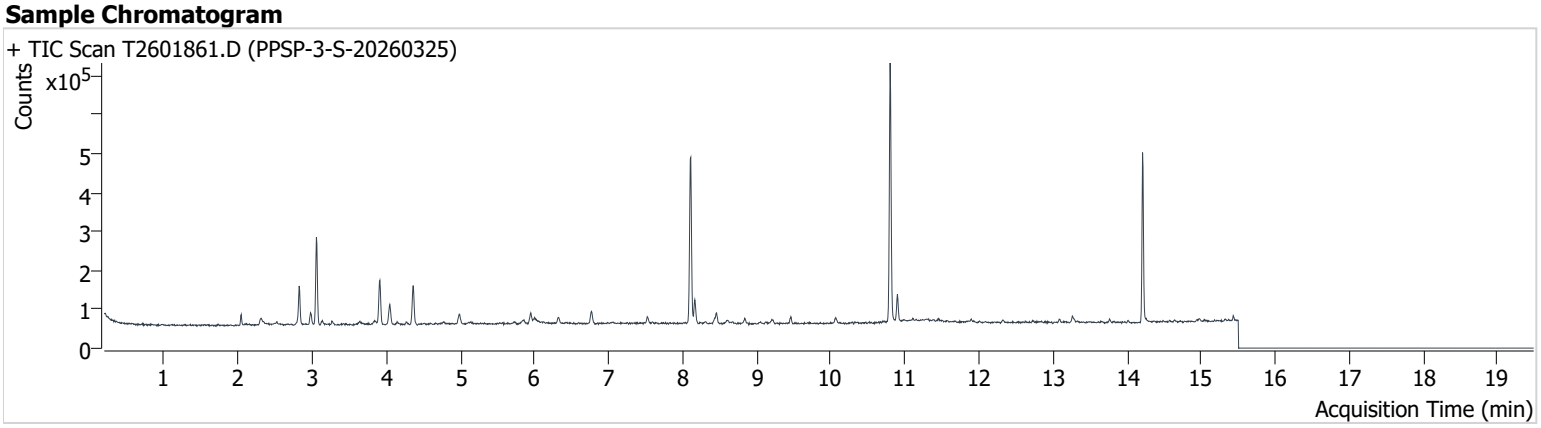
o-Xylene


+ EIC (91.1) Scan T2601860.D
Counts
x10^3
13.763 min.
Acquisition Time (min)


+ Scan (13.738-13.801 min, 11 scans) T2601860.D
Lib Match Score=48.2
Counts
x10^3
41.1
55.1
67.1
79.1
91.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

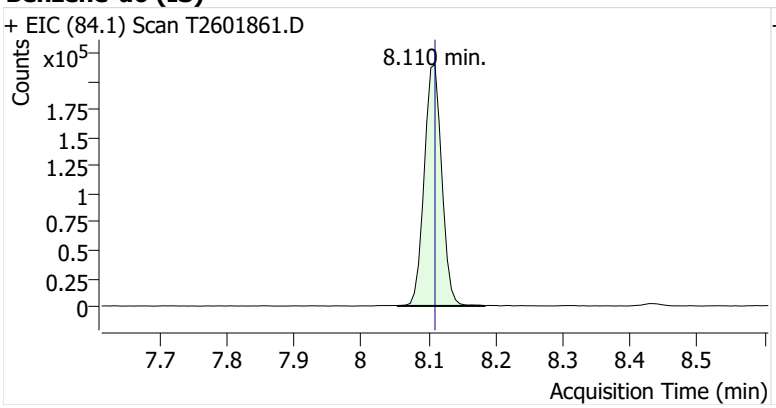
Name	PPSP-3-S-20260325
Comment	C55332
Data File	T2601861.D
Acq. Date-Time	4/11/2026 12:43:05 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

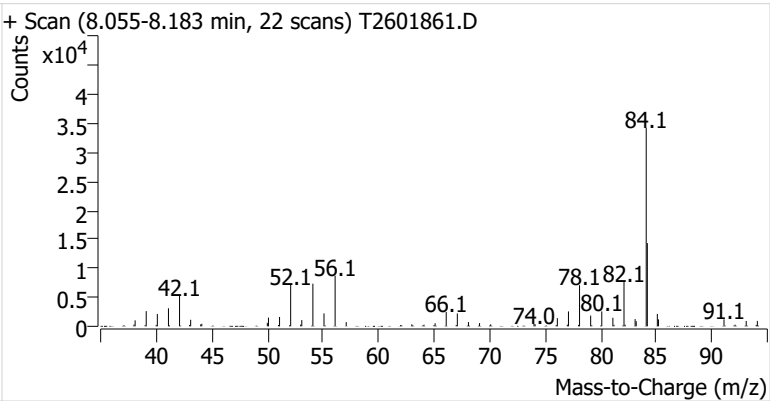
Sample Chromatogram



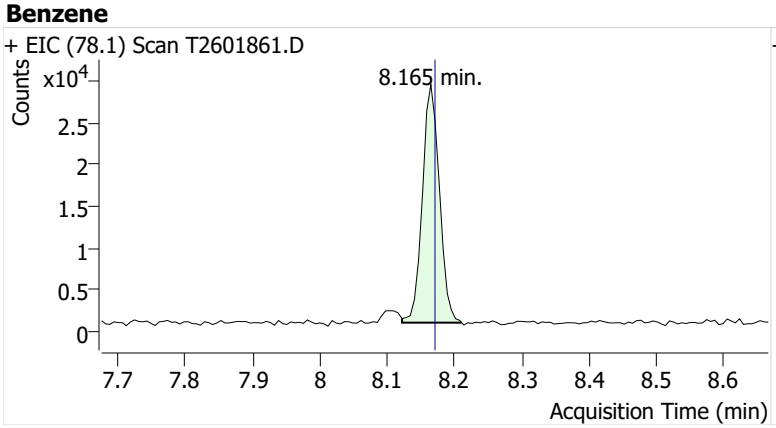
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	389,575	
Benzene	Benzene-d6 (IS)	8.165	8.171	50,195	
Toluene-d8 (IS)		10.802	10.808	413,722	
Toluene	Toluene-d8 (IS)	10.899	10.900	43,654	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	6,248	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	13,091	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	4,777	

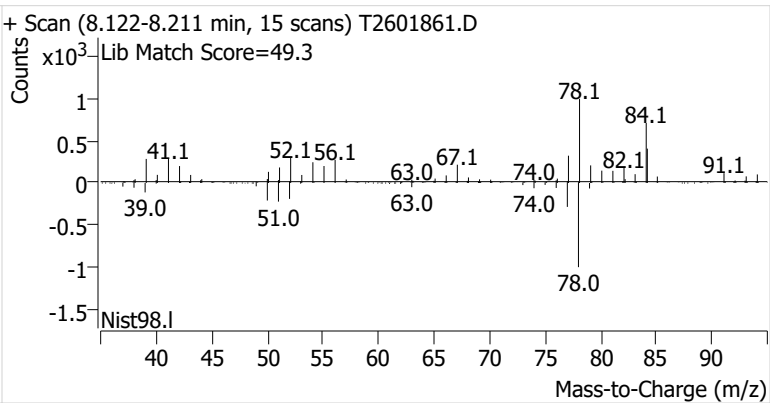
Benzene-d6 (IS)



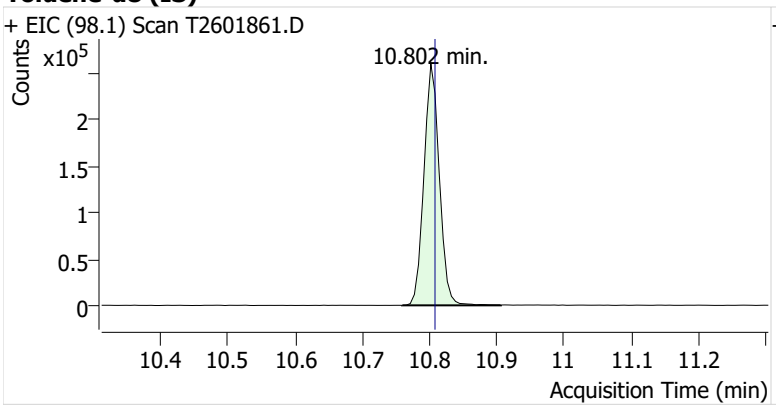


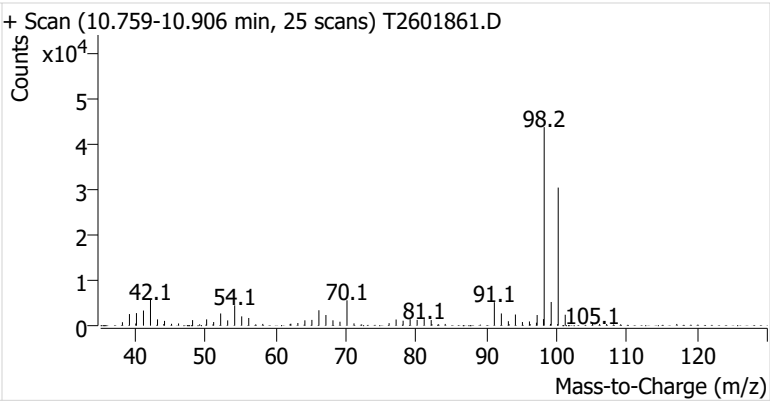
Benzene



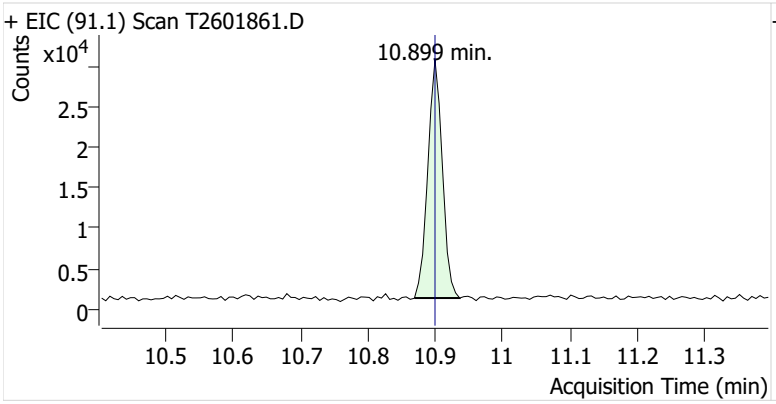


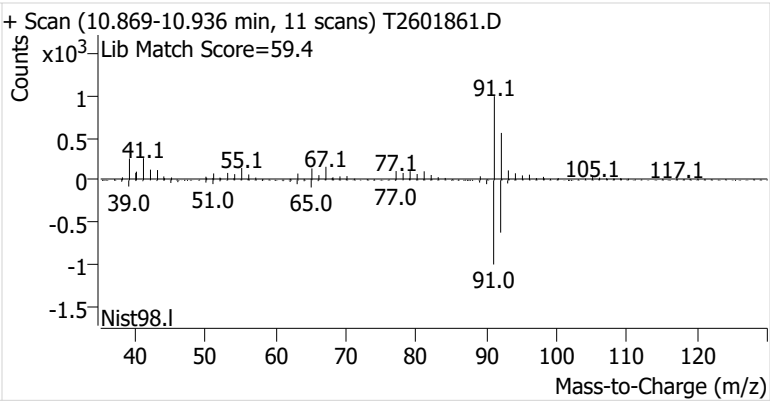
Toluene-d8 (IS)



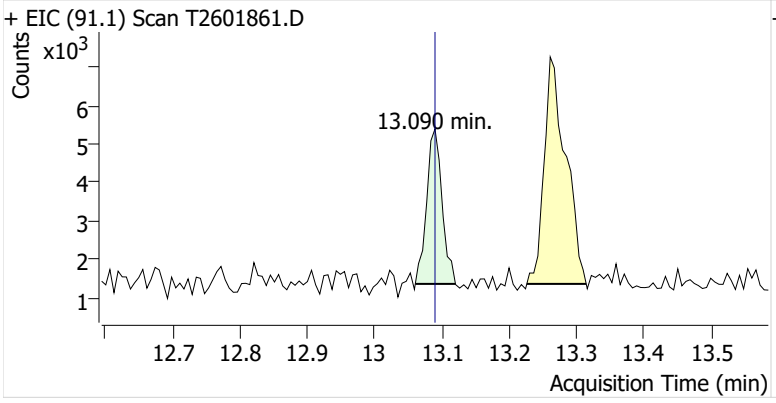


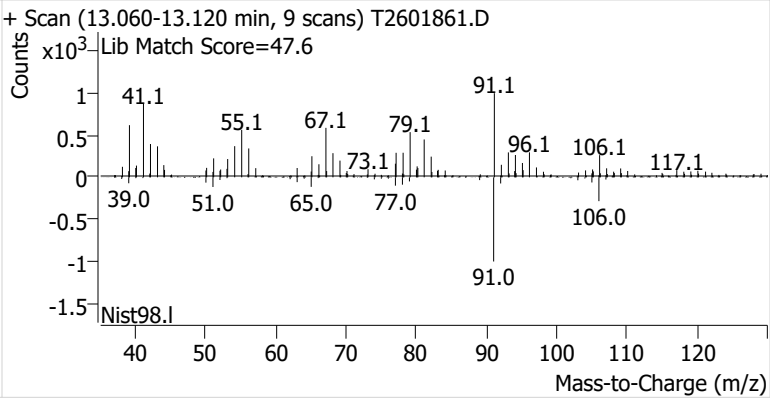
Toluene



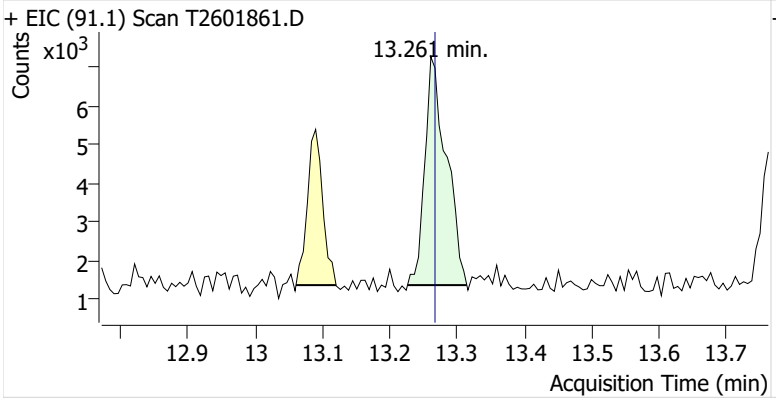


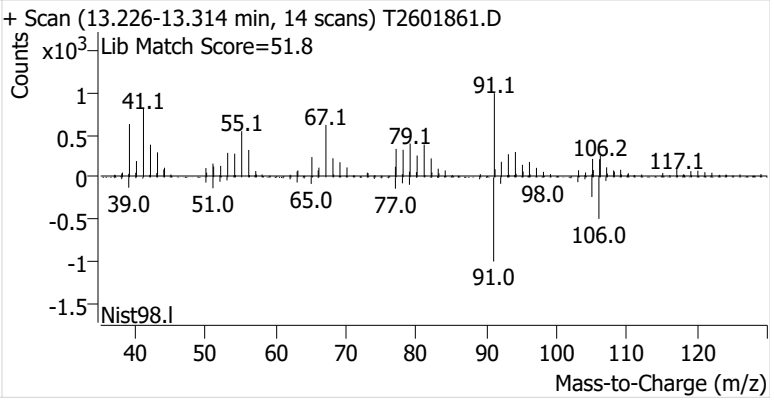
Ethylbenzene



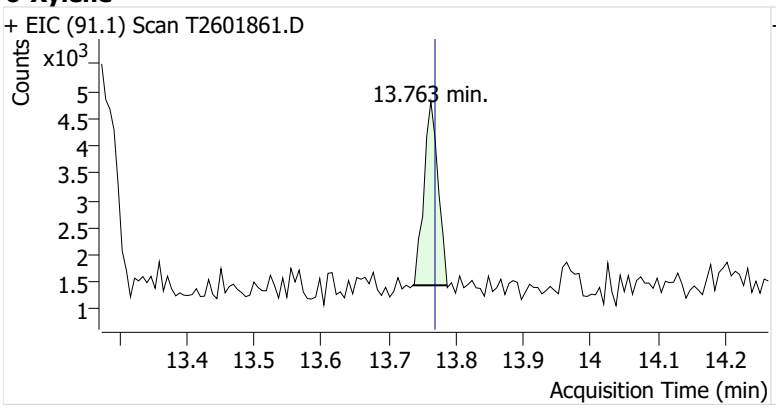


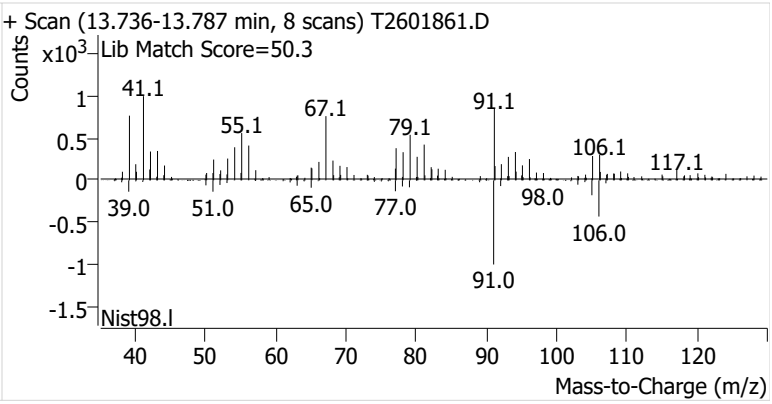
m-/p-Xylenes





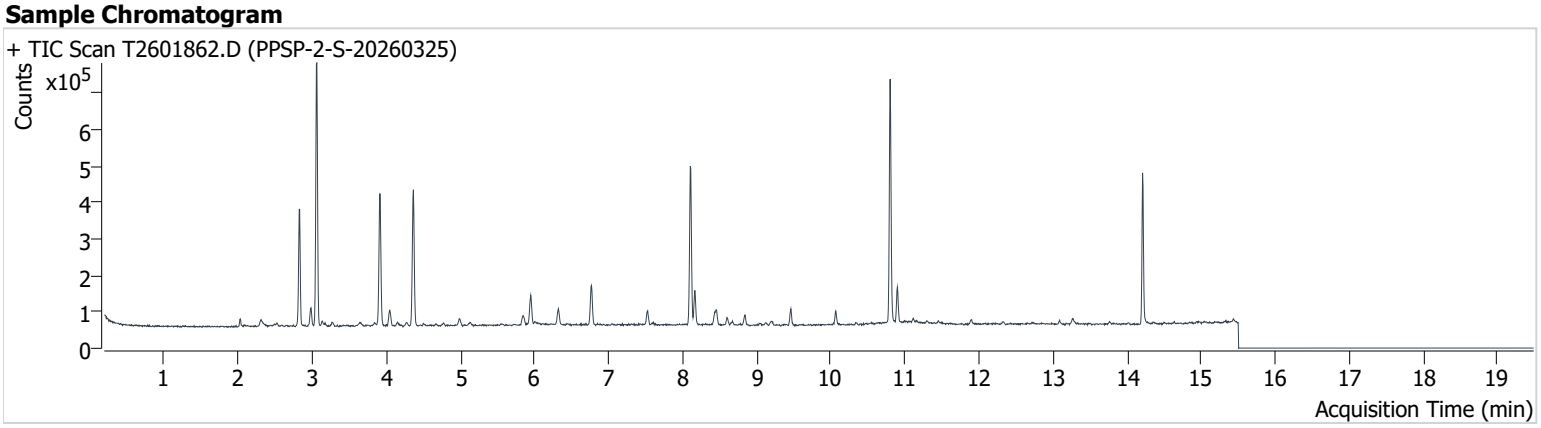
o-Xylene


+ EIC (91.1) Scan T2601861.D
Counts
x10^3
13.763 min.
Acquisition Time (min)


+ Scan (13.736-13.787 min, 8 scans) T2601861.D
Lib Match Score=50.3
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

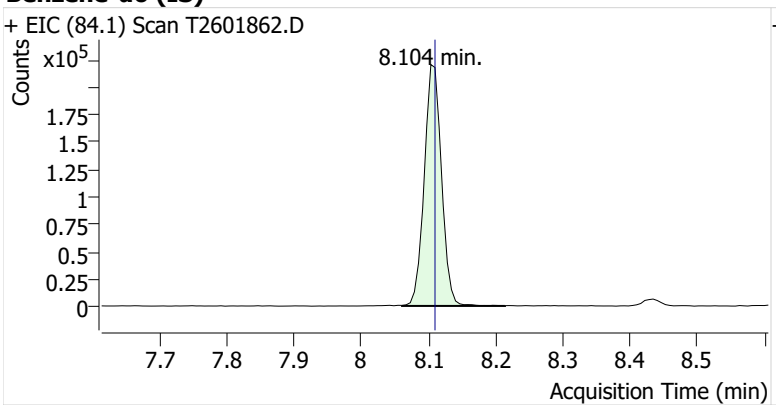
Name	PPSP-2-S-20260325
Comment	C35795
Data File	T2601862.D
Acq. Date-Time	4/11/2026 1:08:43 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

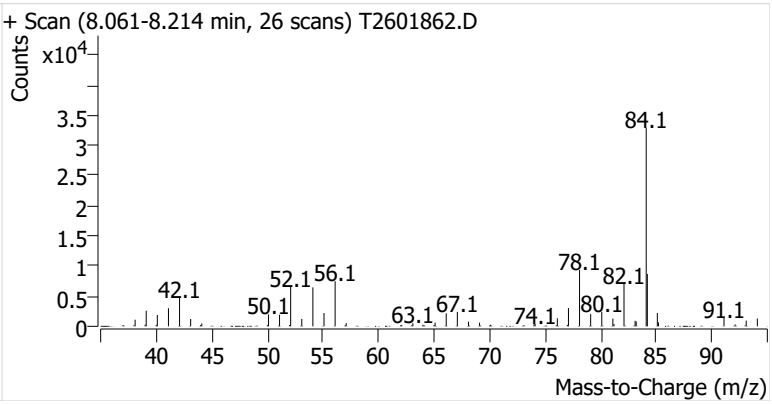
Sample Chromatogram



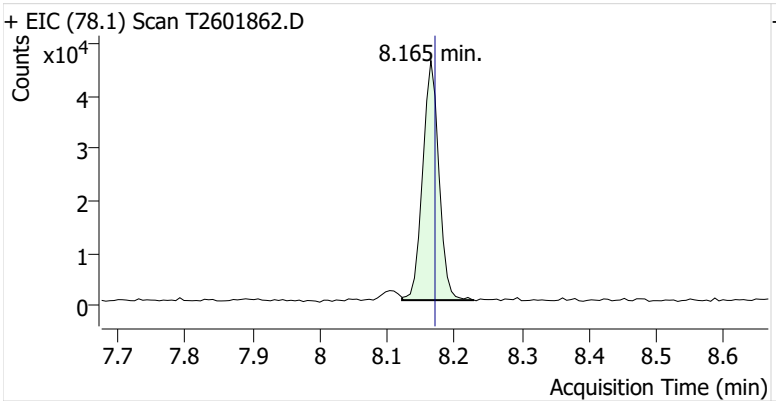
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.104	8.110	392,997	
Benzene	Benzene-d6 (IS)	8.165	8.171	76,752	
Toluene-d8 (IS)		10.802	10.808	414,174	
Toluene	Toluene-d8 (IS)	10.899	10.900	65,015	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	6,223	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	11,819	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	4,672	

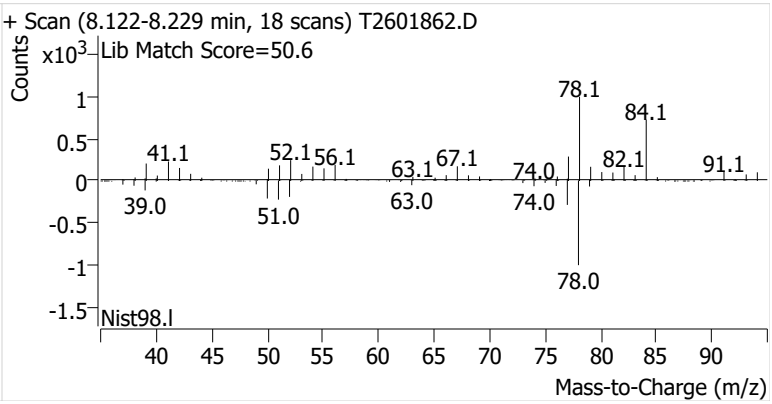
Benzene-d6 (IS)



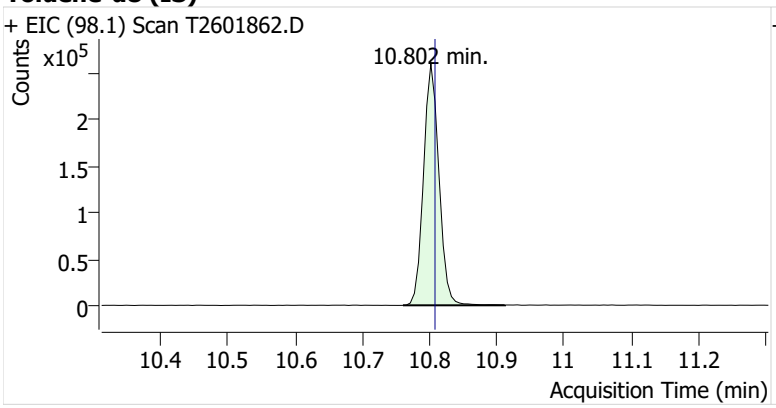


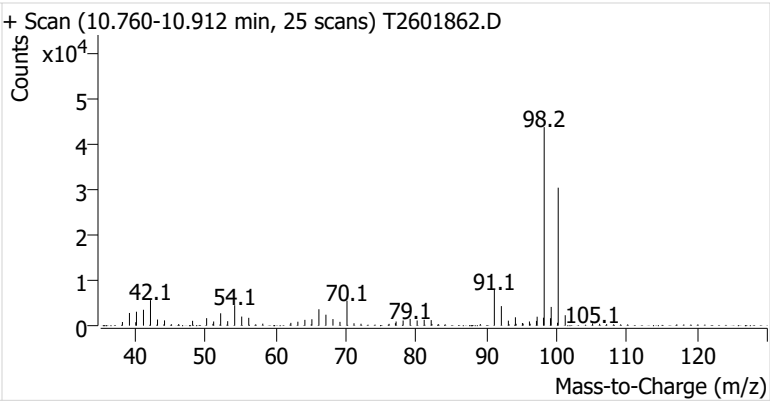
Benzene



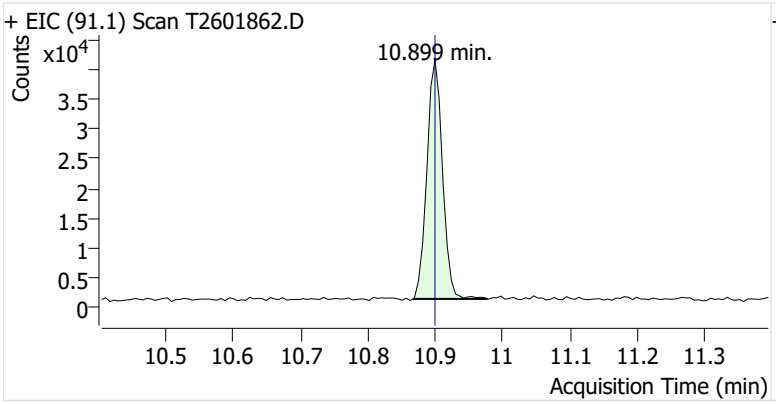


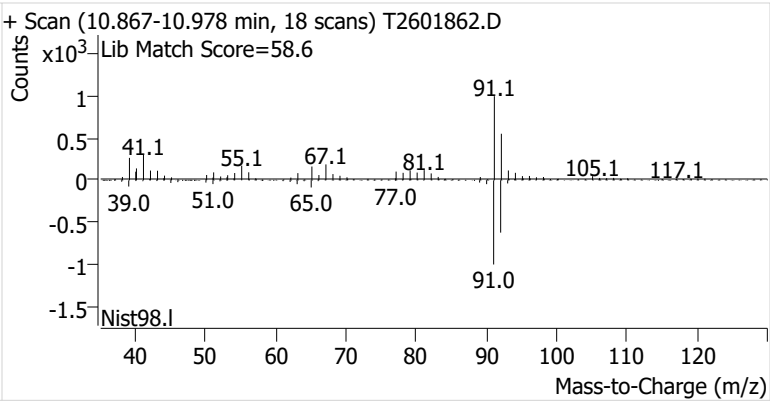
Toluene-d8 (IS)



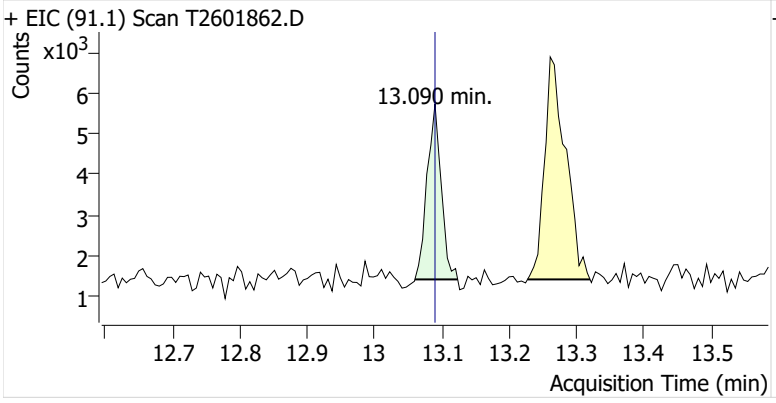


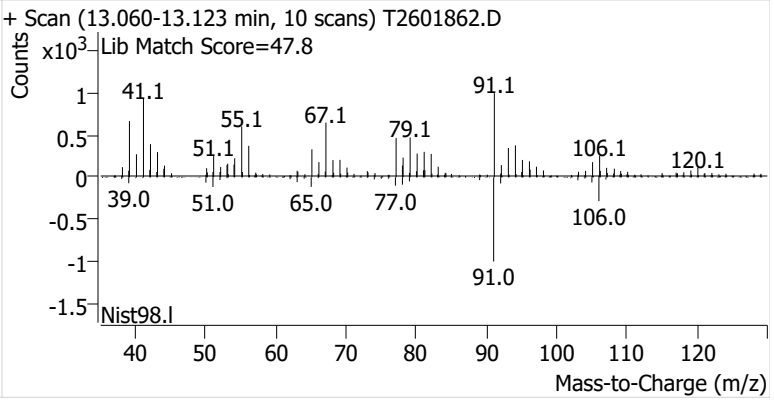
Toluene



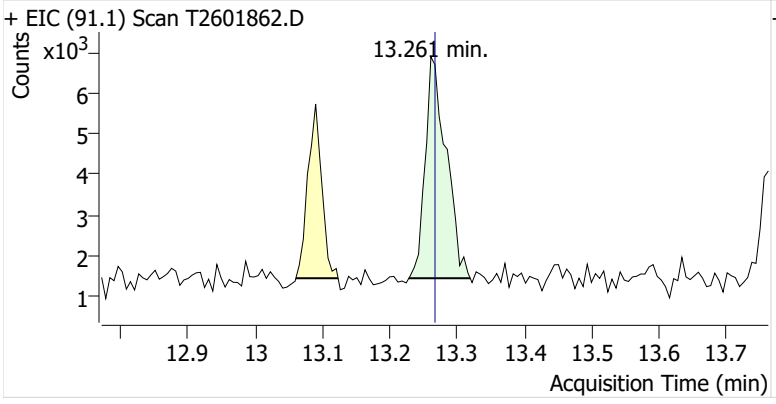


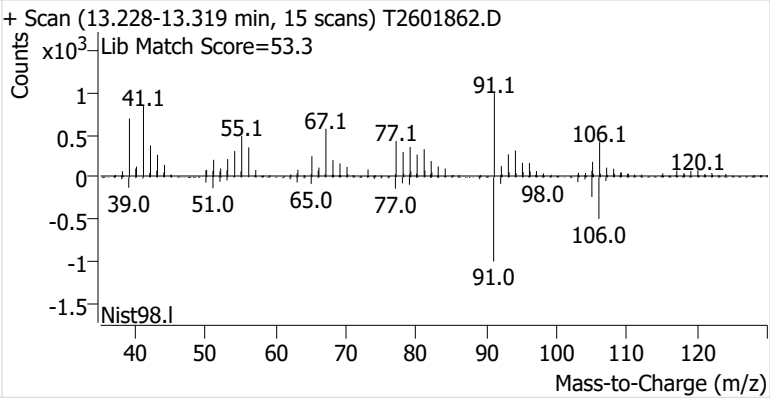
Ethylbenzene



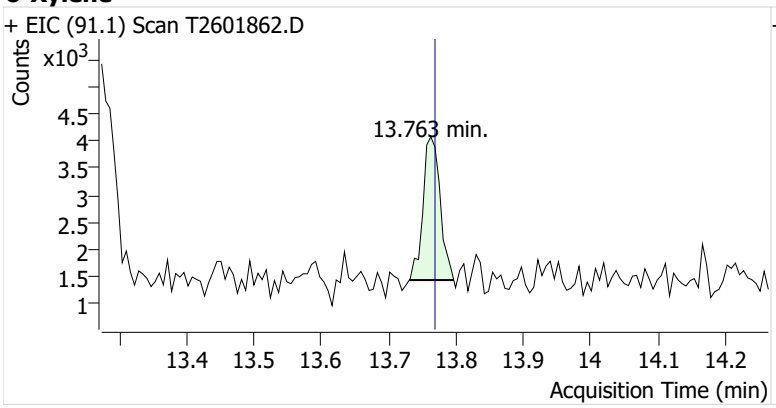


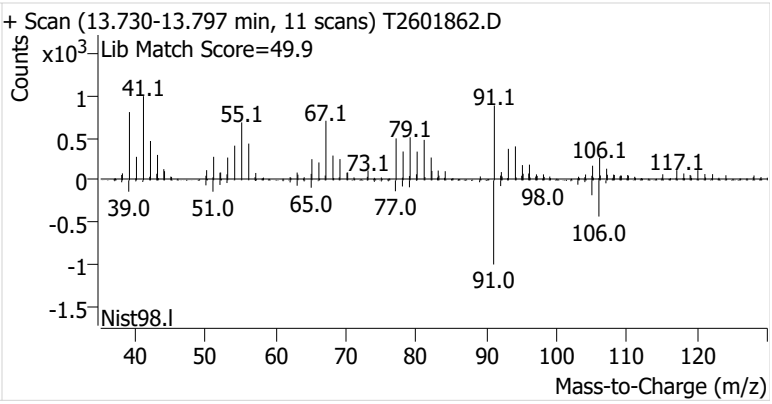
m-/p-Xylenes





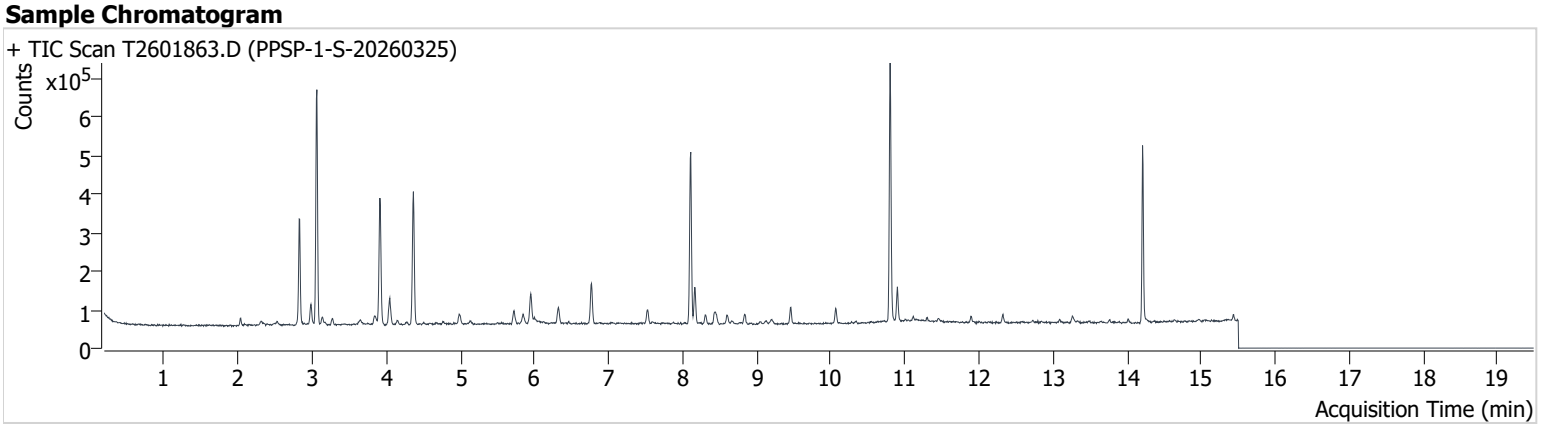
o-Xylene


+ EIC (91.1) Scan T2601862.D
Counts
x10^3
4.5
4
3.5
3
2.5
2
1.5
1
13.763 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.730-13.797 min, 11 scans) T2601862.D
Lib Match Score=49.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
73.1
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)

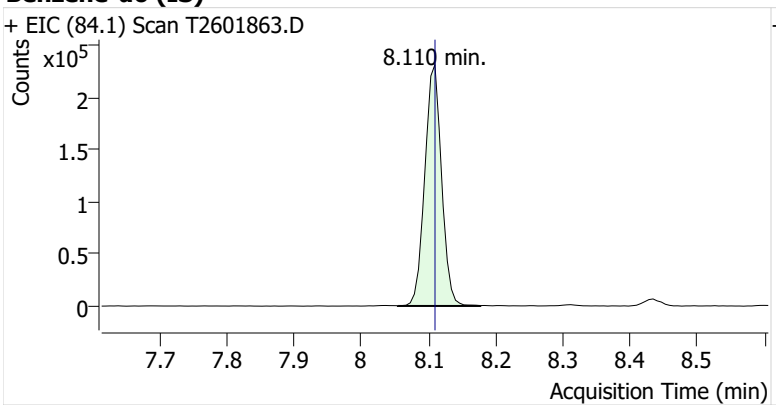
Name	PPSP-1-S-20260325
Comment	C69436
Data File	T2601863.D
Acq. Date-Time	4/11/2026 1:34:53 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

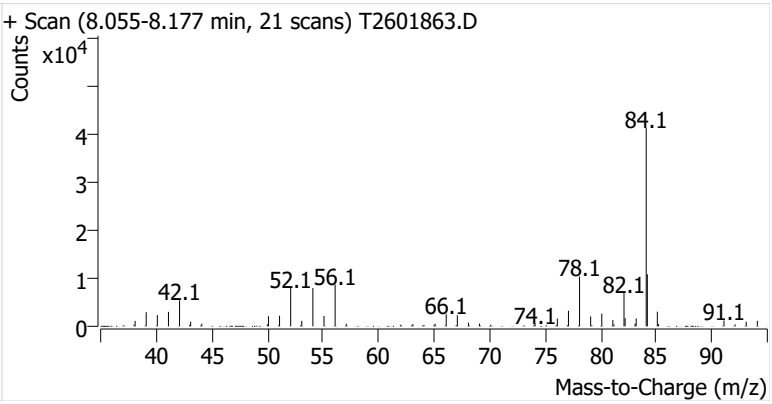
Sample Chromatogram



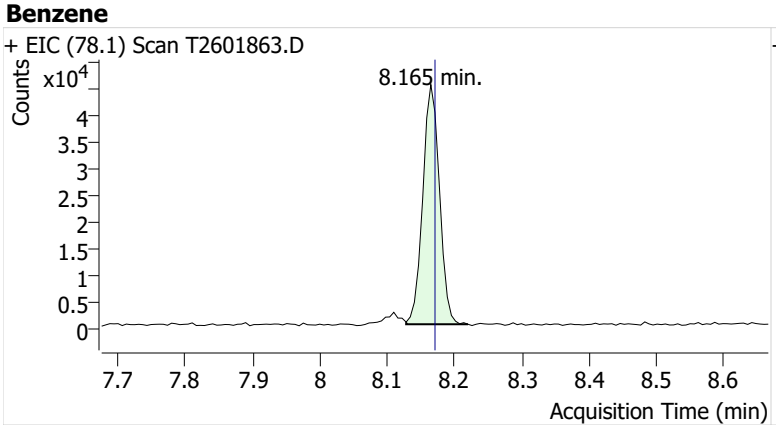
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	399,835	
Benzene	Benzene-d6 (IS)	8.165	8.171	77,187	
Toluene-d8 (IS)		10.802	10.808	422,086	
Toluene	Toluene-d8 (IS)	10.899	10.900	55,832	
Ethylbenzene	Toluene-d8 (IS)	13.084	13.090	4,633	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	13,089	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	4,782	

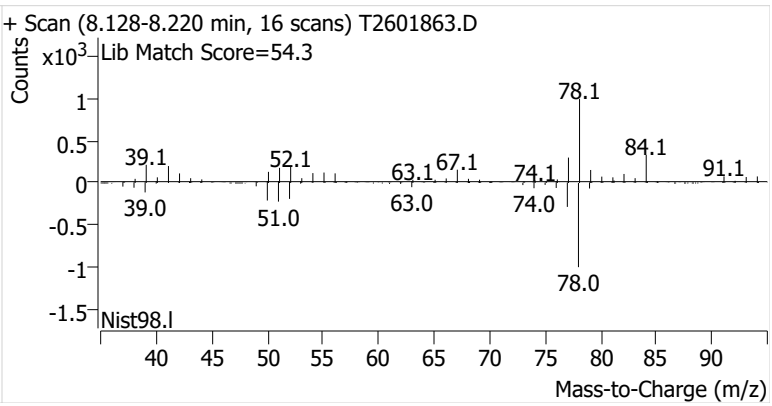
Benzene-d6 (IS)



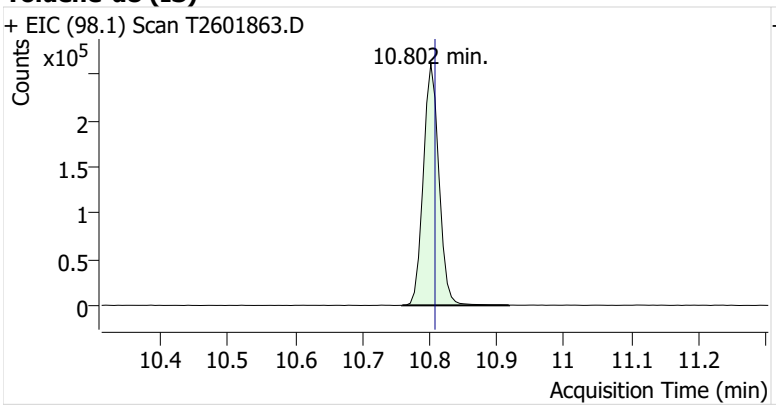


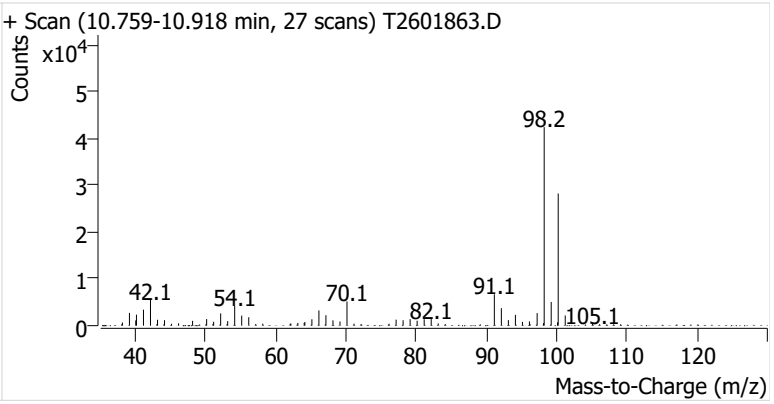
Benzene



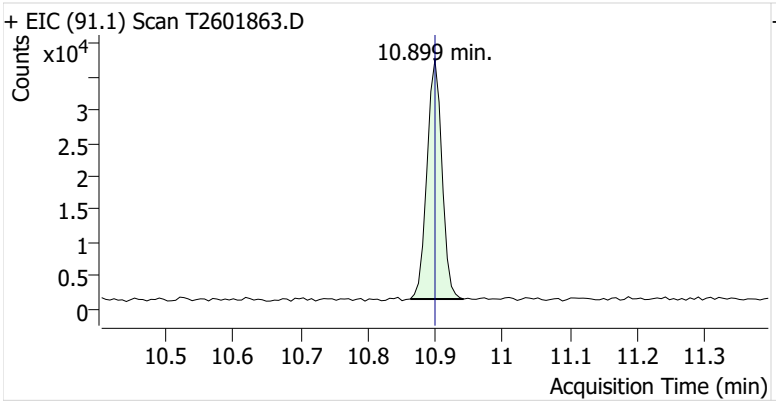


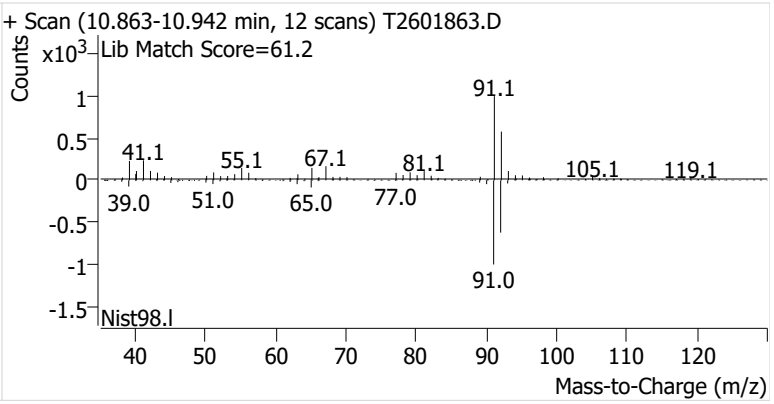
Toluene-d8 (IS)



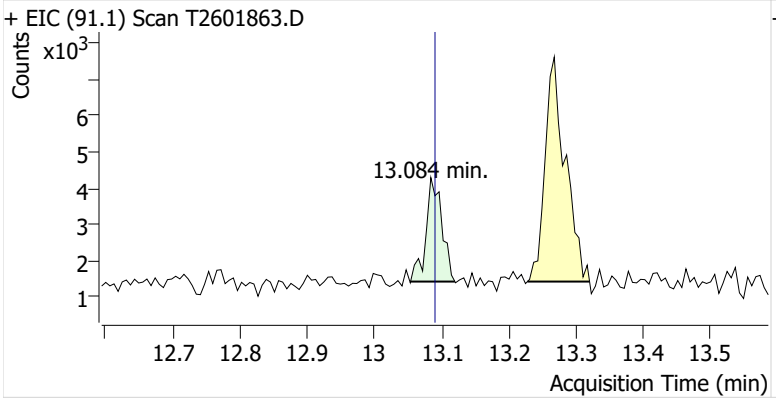


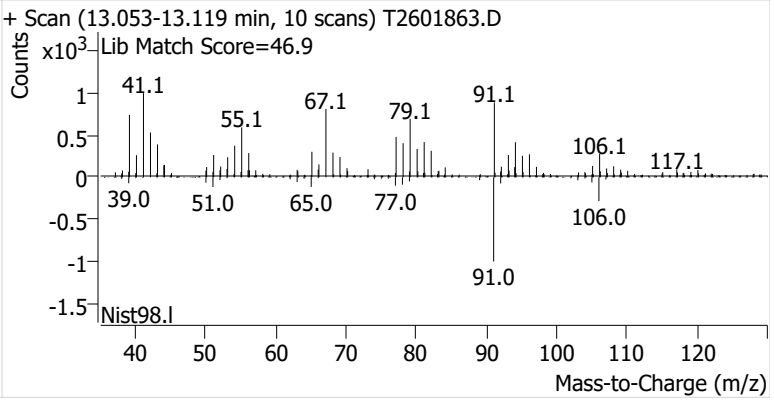
Toluene



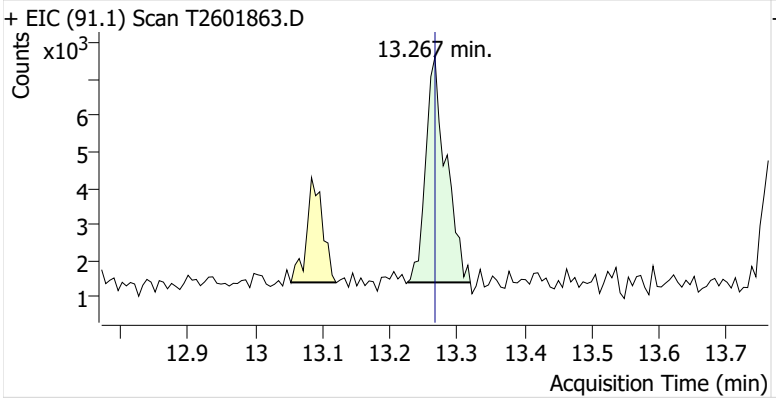


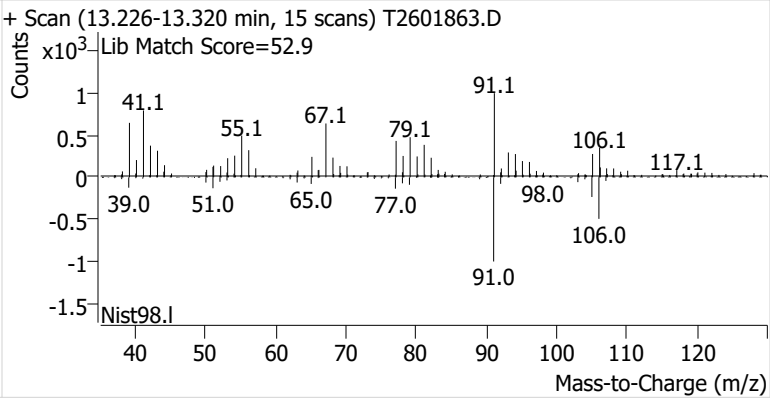
Ethylbenzene



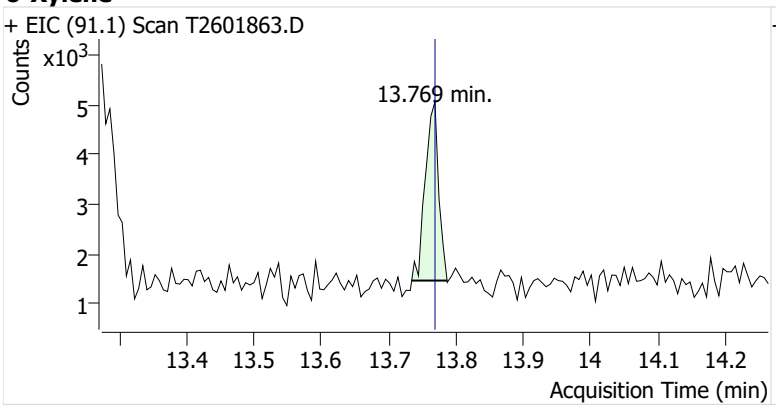


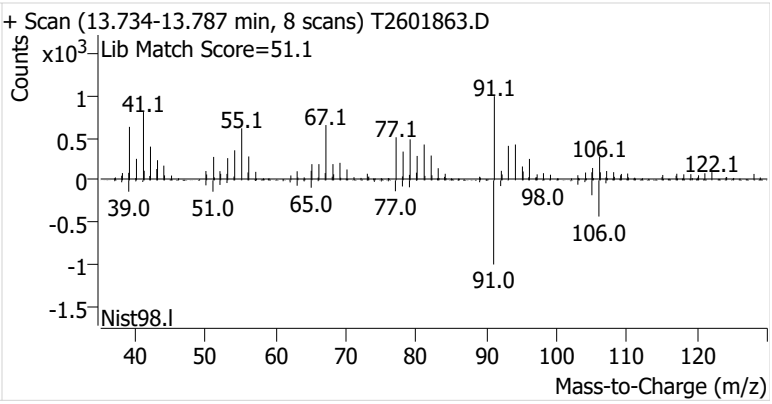
m-/p-Xylenes





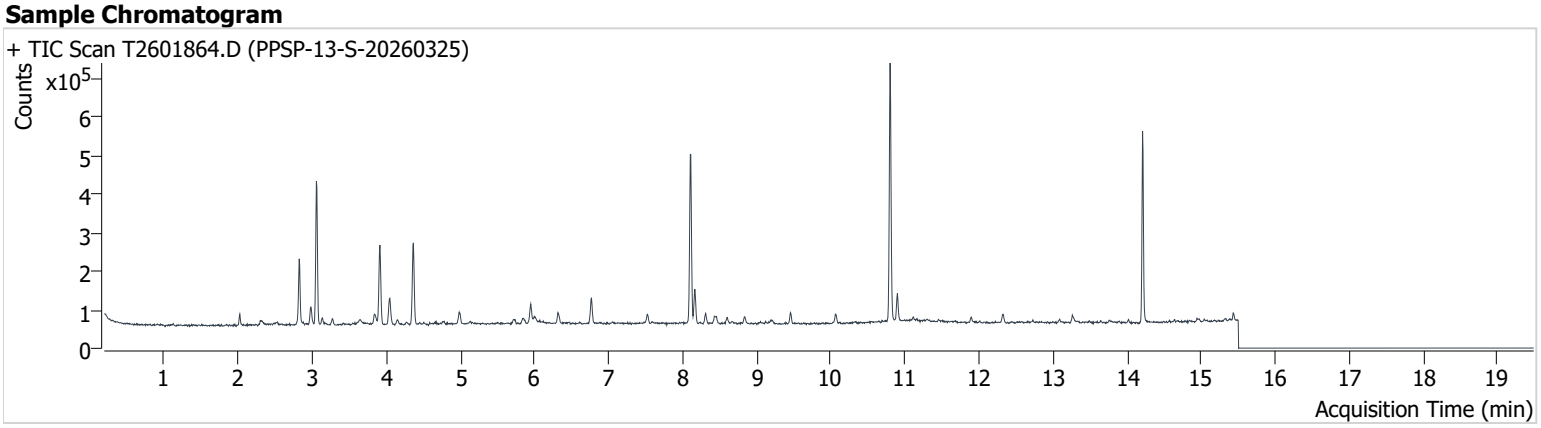
o-Xylene


+ EIC (91.1) Scan T2601863.D
Counts
x10^3
13.769 min.
Acquisition Time (min)


+ Scan (13.734-13.787 min, 8 scans) T2601863.D
Lib Match Score=51.1
Counts
x10^3
41.1
55.1
67.1
77.1
91.1
106.1
122.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

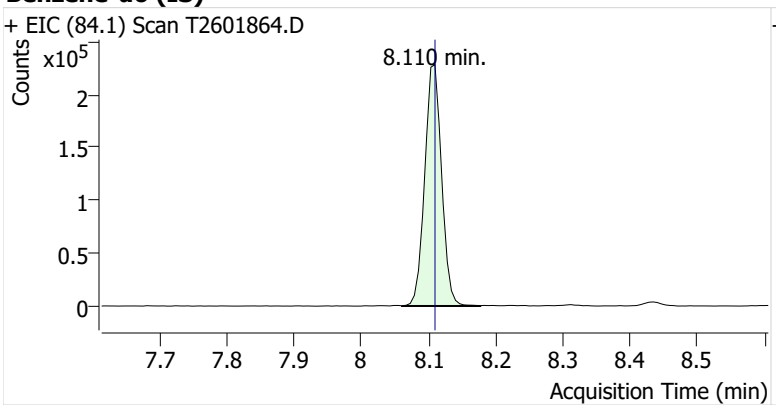
Name	PPSP-13-S-20260325
Comment	C69735
Data File	T2601864.D
Acq. Date-Time	4/11/2026 2:00:25 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

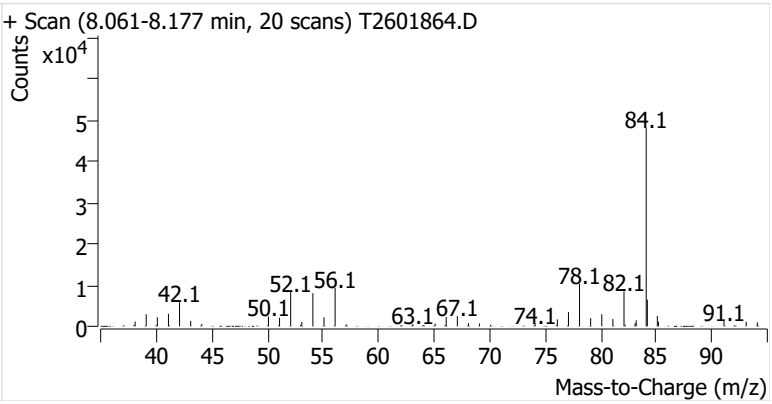
Sample Chromatogram



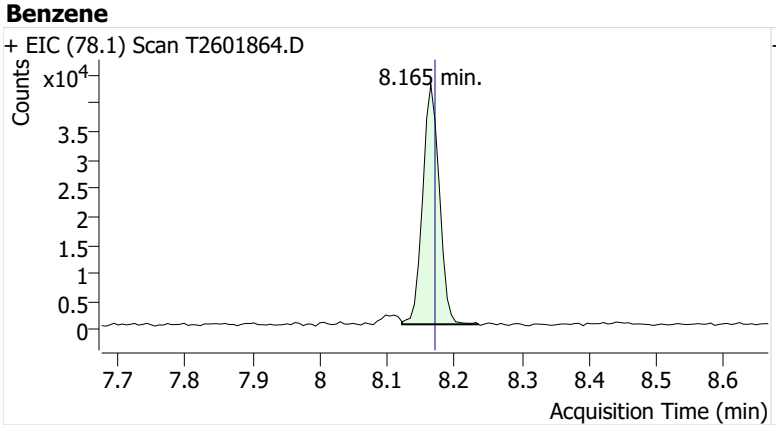
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	397,397	
Benzene	Benzene-d6 (IS)	8.165	8.171	72,890	
Toluene-d8 (IS)		10.802	10.808	418,566	
Toluene	Toluene-d8 (IS)	10.899	10.900	45,121	
Ethylbenzene	Toluene-d8 (IS)	13.084	13.090	4,147	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	11,057	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	4,095	

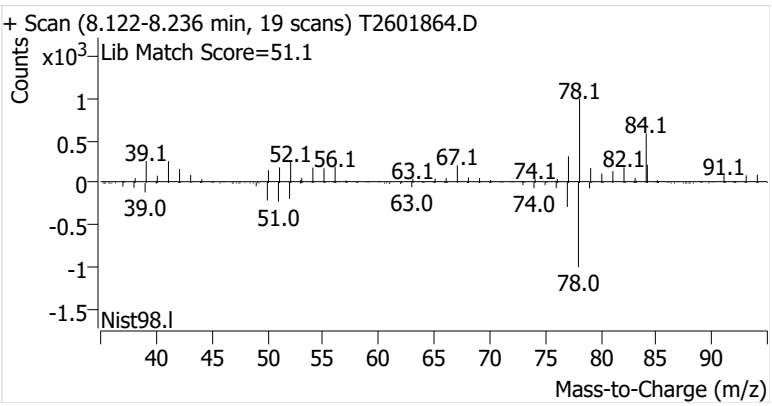
Benzene-d6 (IS)



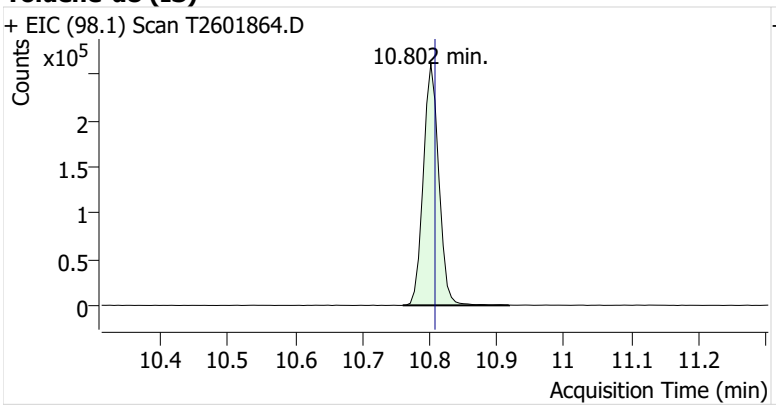


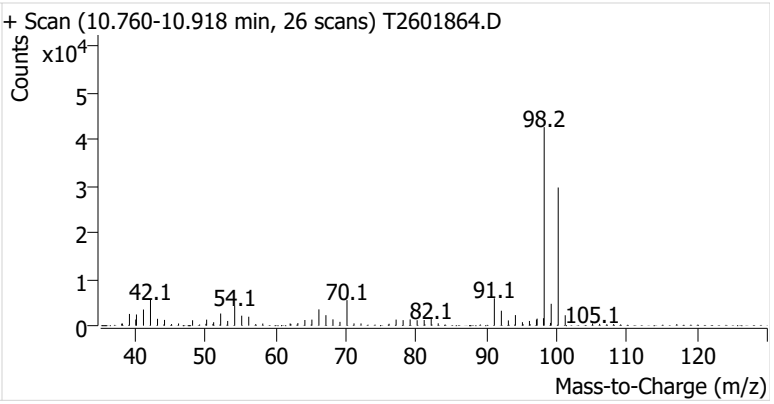
Benzene



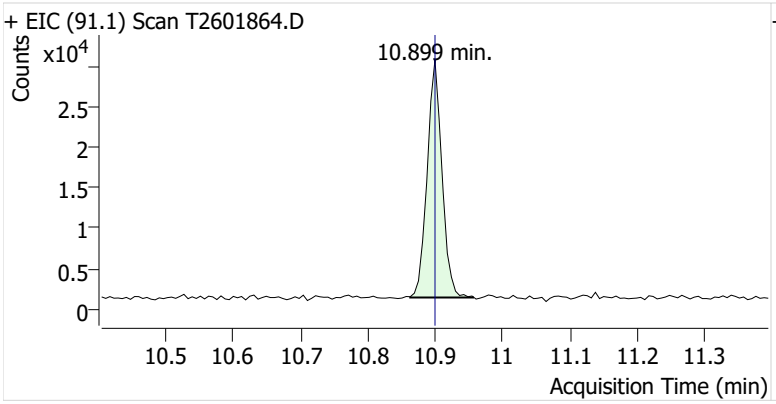


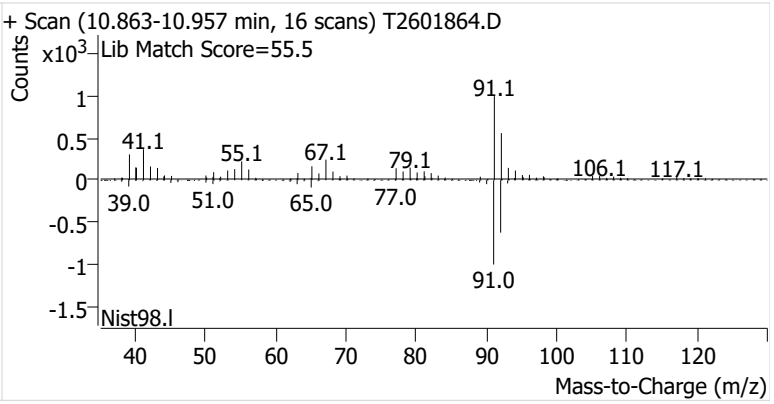
Toluene-d8 (IS)



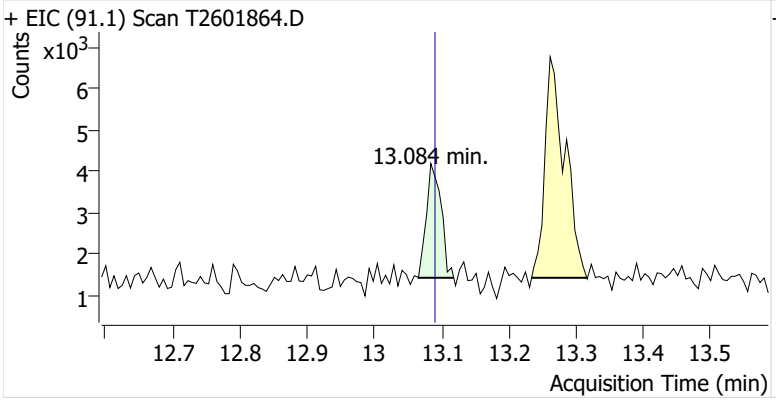


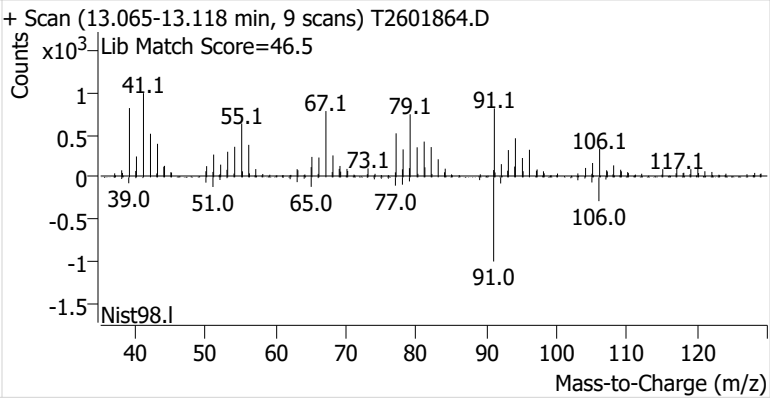
Toluene



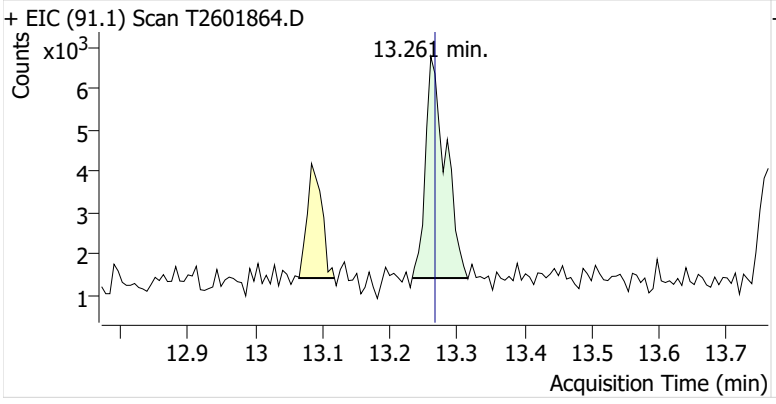


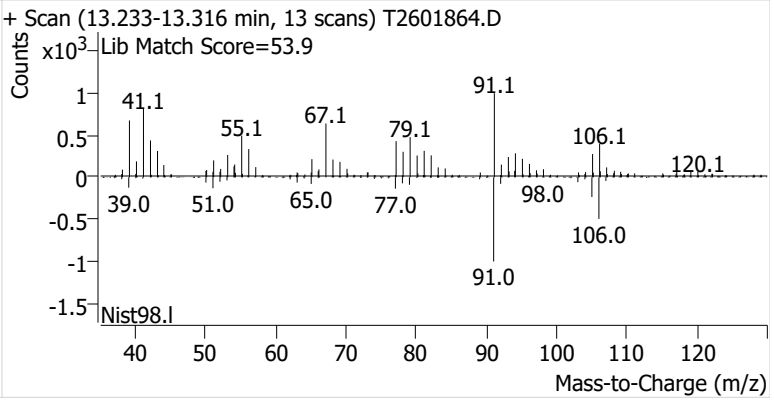
Ethylbenzene



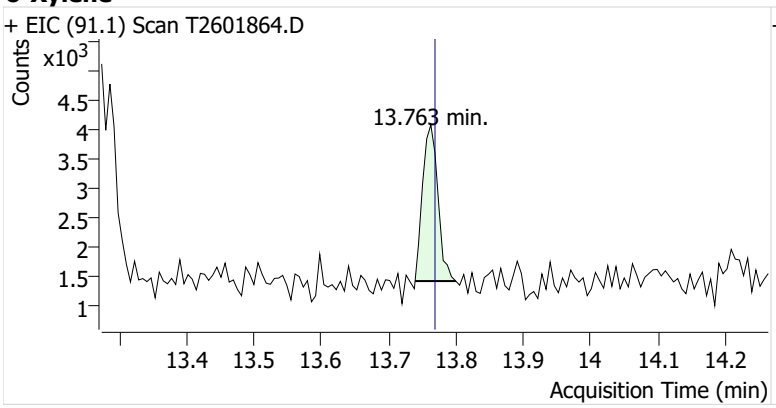


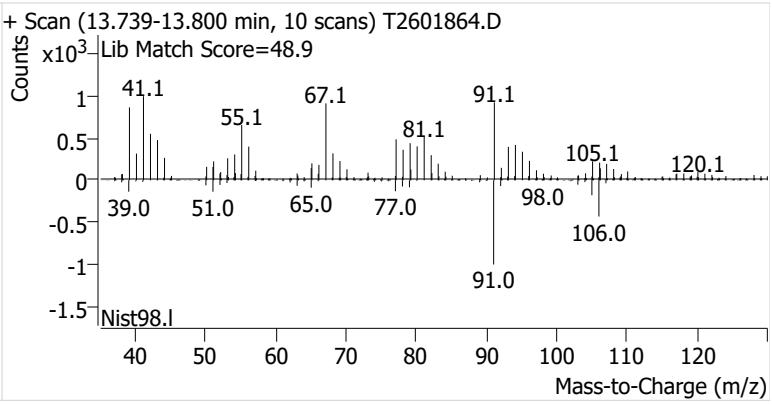
m-/p-Xylenes





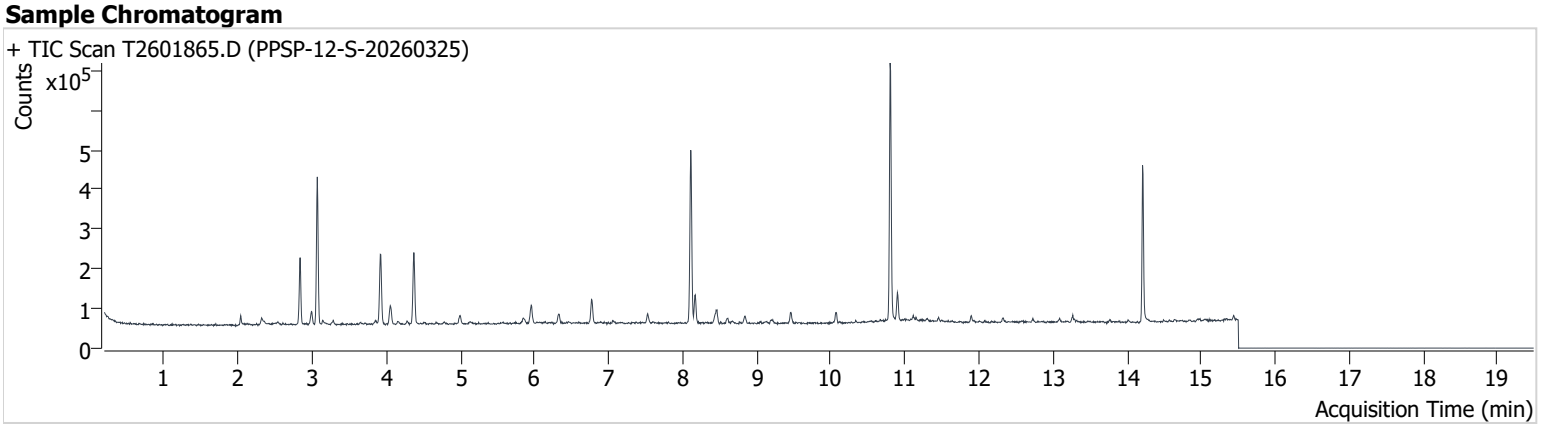
o-Xylene


+ EIC (91.1) Scan T2601864.D
Counts
x10^3
4.5
4
3.5
3
2.5
2
1.5
1
13.763 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.739-13.800 min, 10 scans) T2601864.D
Counts
x10^3
Lib Match Score=48.9
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
81.1
91.1
105.1
120.1
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)

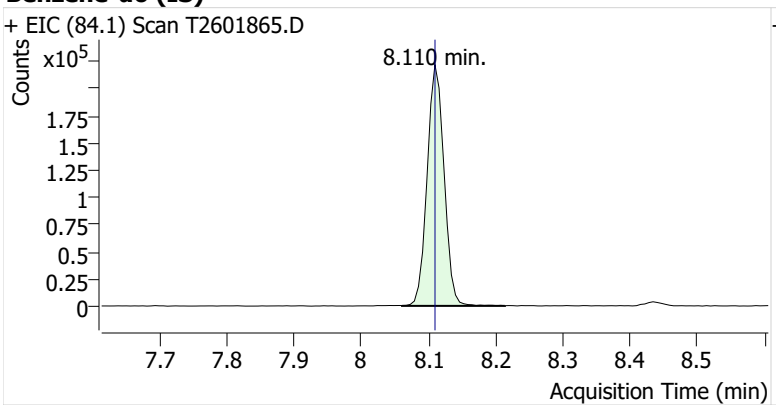
Name	PPSP-12-S-20260325
Comment	C37506
Data File	T2601865.D
Acq. Date-Time	4/11/2026 2:26:41 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

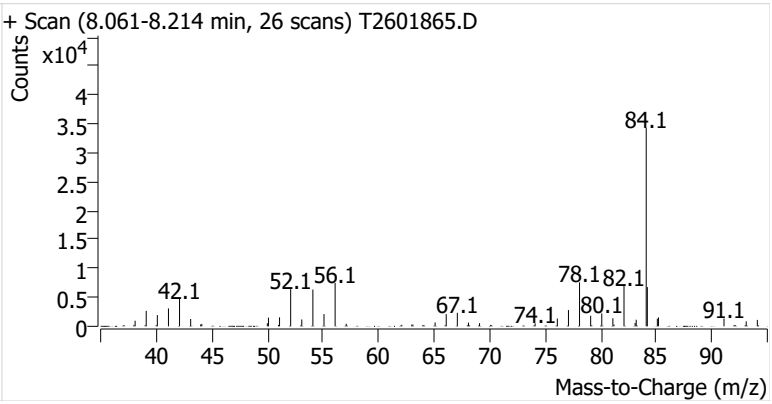
Sample Chromatogram



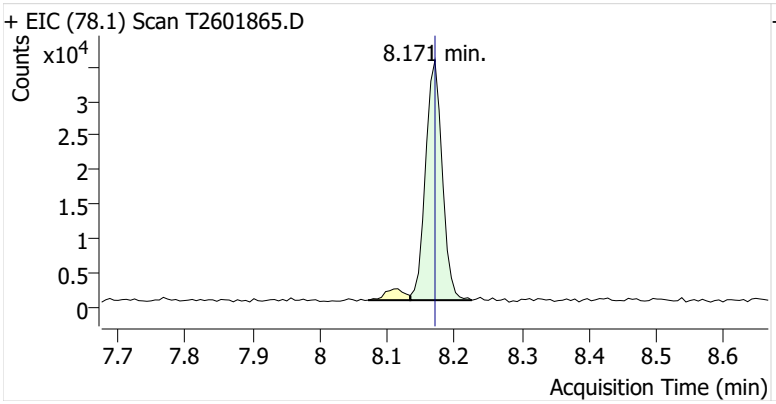
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	387,928	
Benzene	Benzene-d6 (IS)	8.171	8.171	60,108	
Toluene-d8 (IS)		10.802	10.808	412,445	
Toluene	Toluene-d8 (IS)	10.899	10.900	46,172	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	5,742	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	11,776	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	4,166	

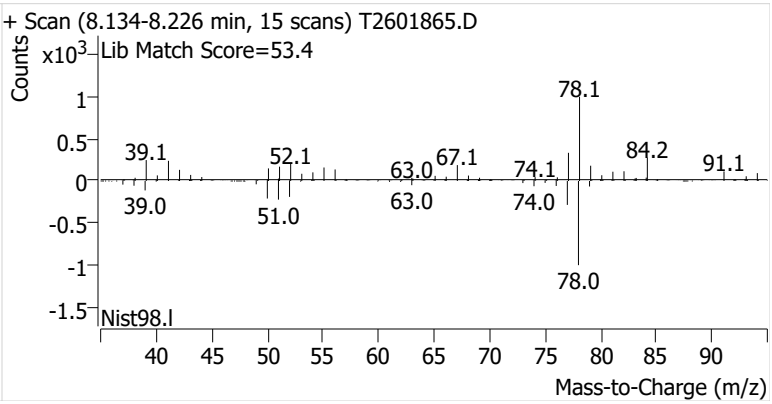
Benzene-d6 (IS)



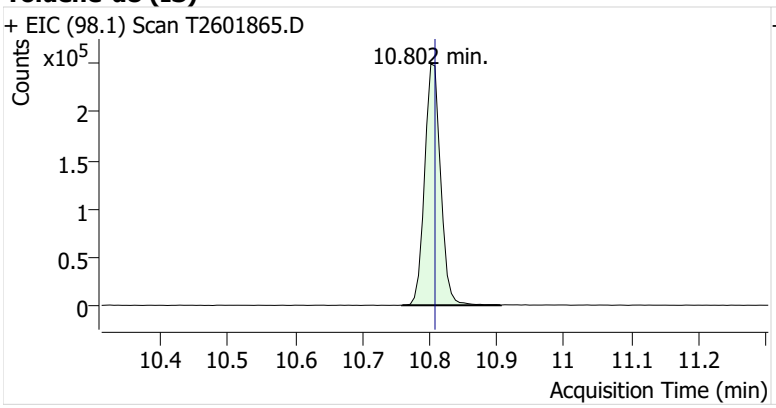


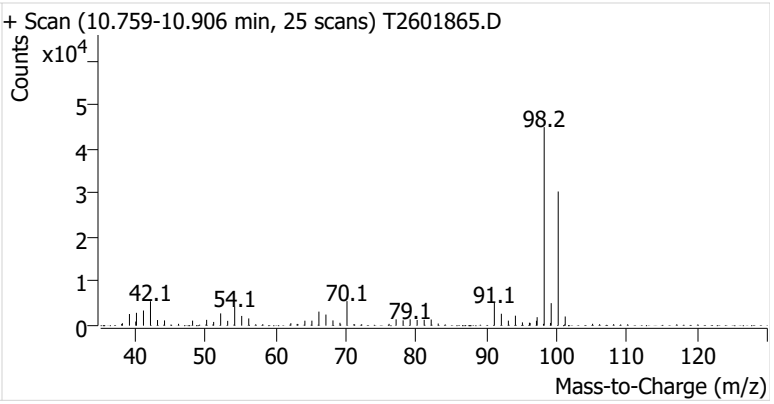
Benzene



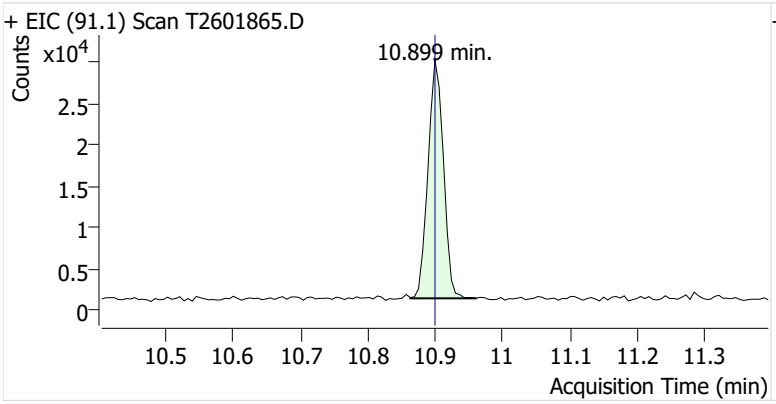


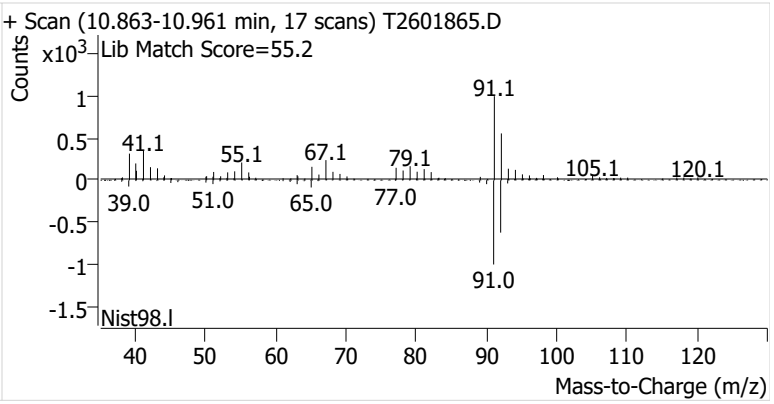
Toluene-d8 (IS)



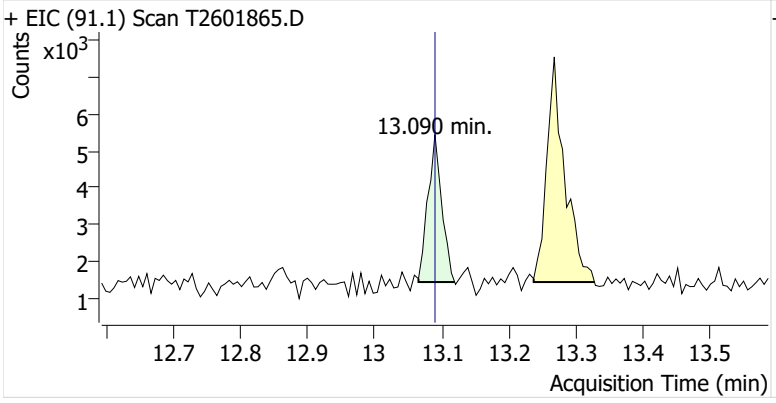


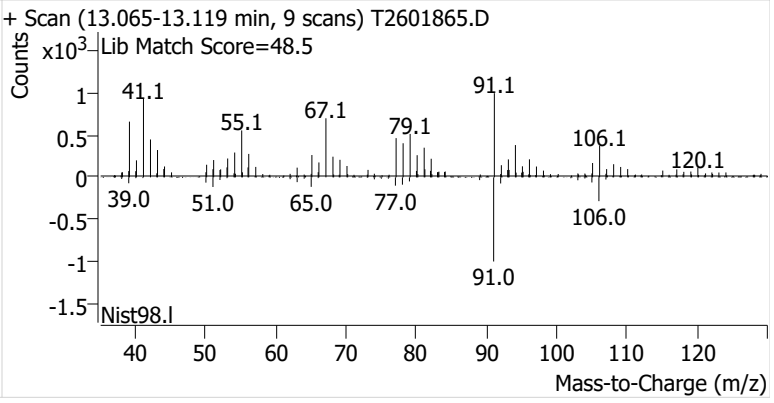
Toluene



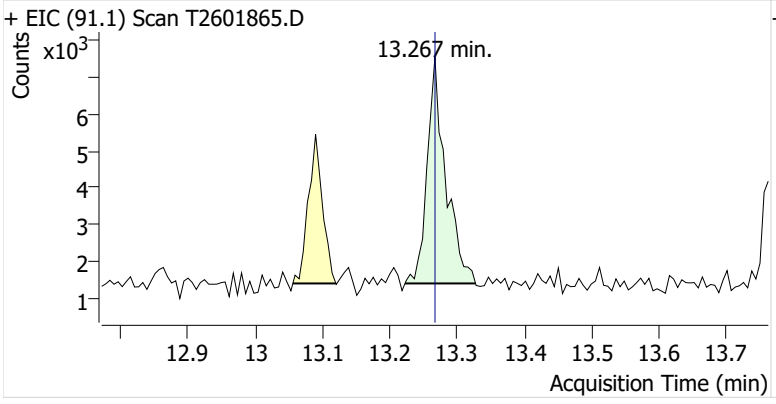


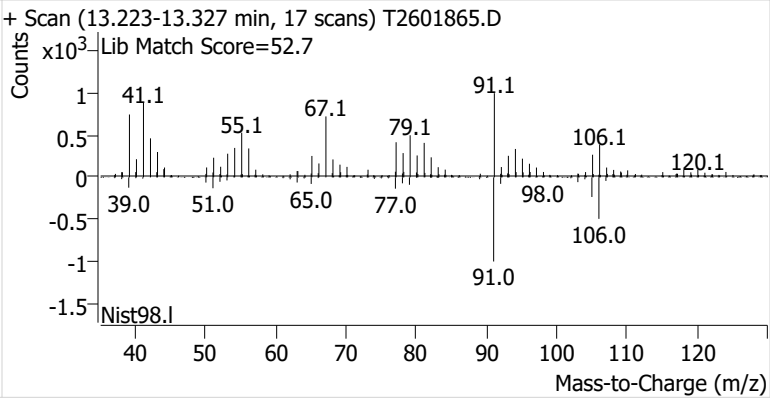
Ethylbenzene



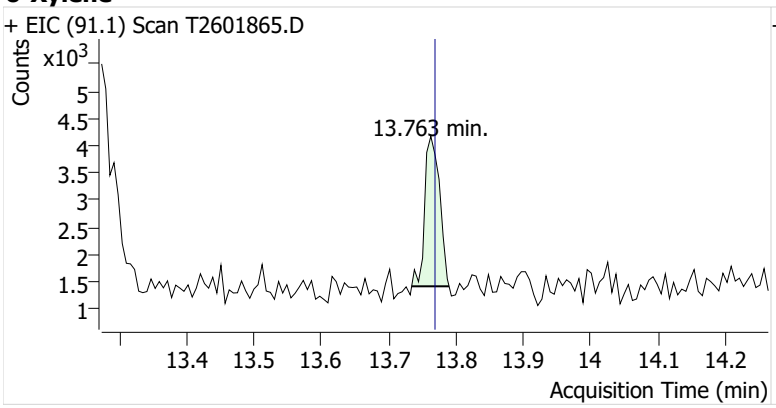


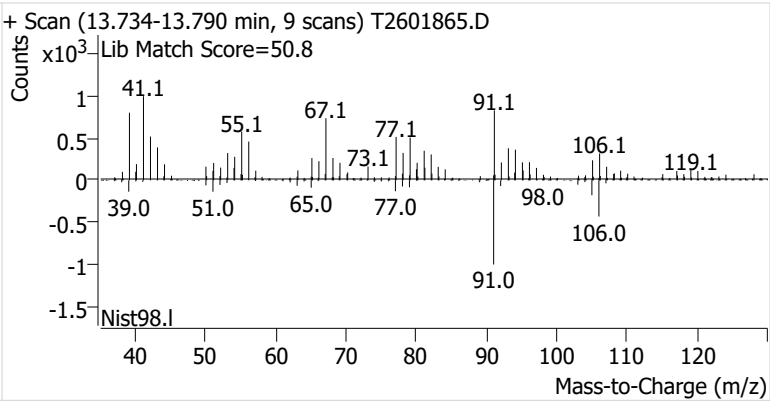
m-/p-Xylenes





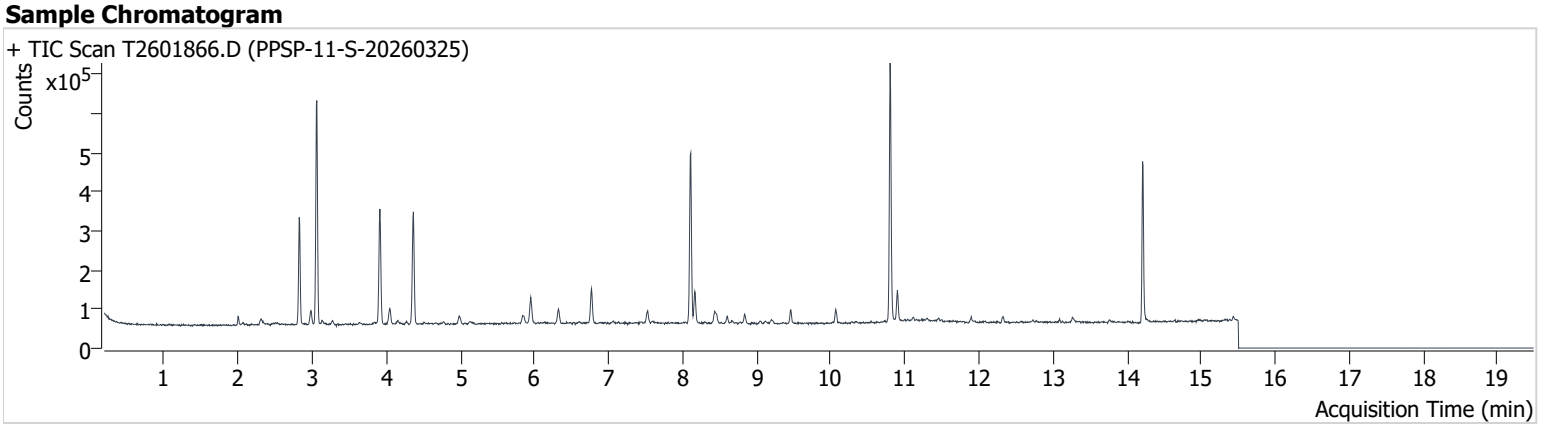
o-Xylene


+ EIC (91.1) Scan T2601865.D
Counts
x10^3
5
4.5
4
3.5
3
2.5
2
1.5
1
13.763 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.734-13.790 min, 9 scans) T2601865.D
Lib Match Score=50.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
77.1
91.1
73.1
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)

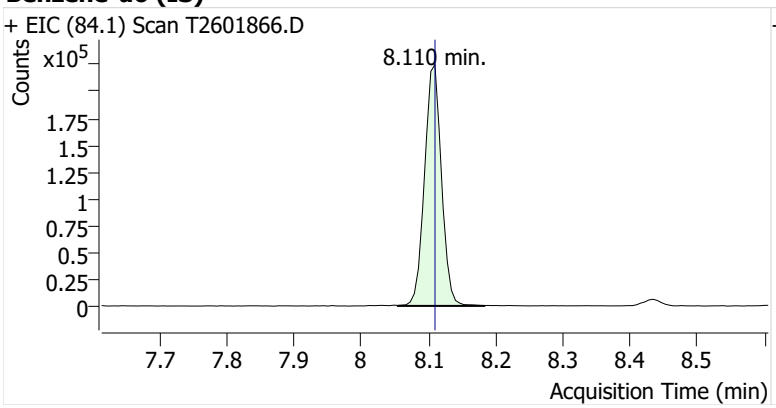
Name	PPSP-11-S-20260325
Comment	B45050
Data File	T2601866.D
Acq. Date-Time	4/11/2026 2:52:08 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

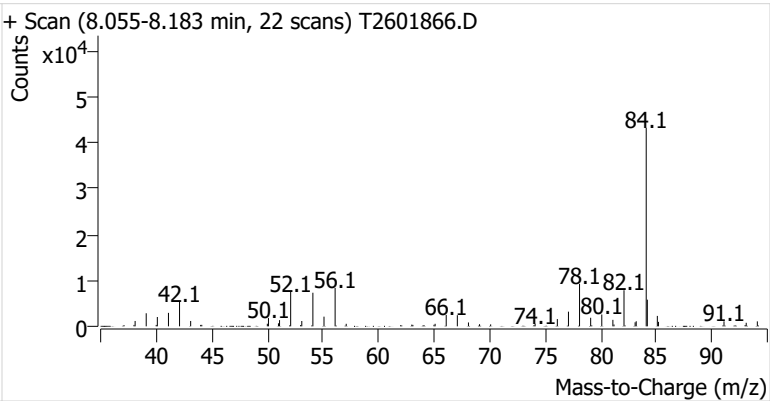
Sample Chromatogram



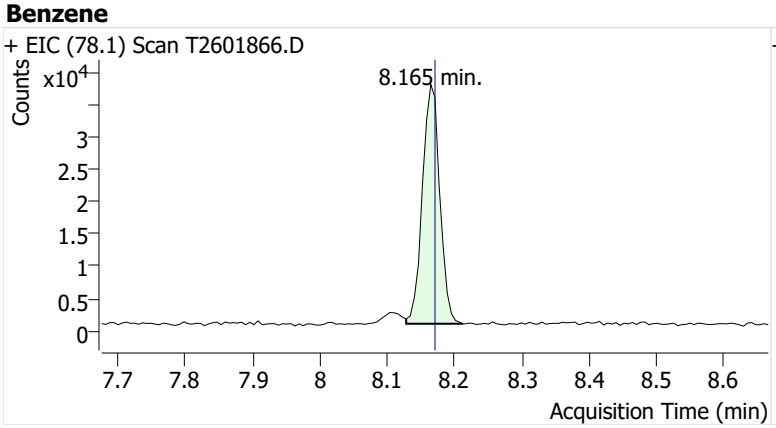
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	393,162	
Benzene	Benzene-d6 (IS)	8.165	8.171	66,443	
Toluene-d8 (IS)		10.802	10.808	414,902	
Toluene	Toluene-d8 (IS)	10.899	10.900	50,344	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	4,790	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	10,366	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	3,600	

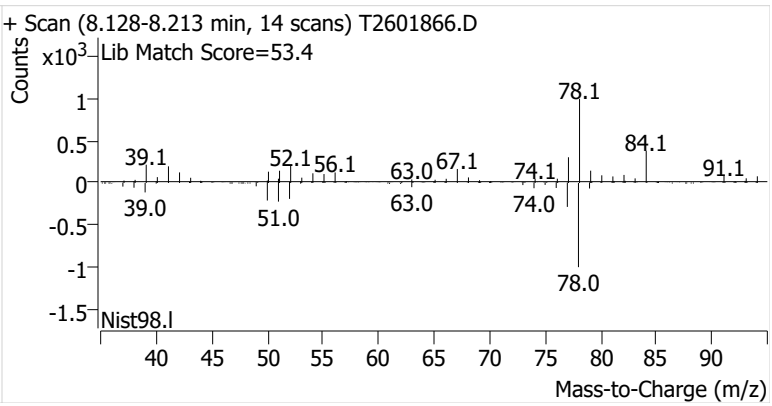
Benzene-d6 (IS)



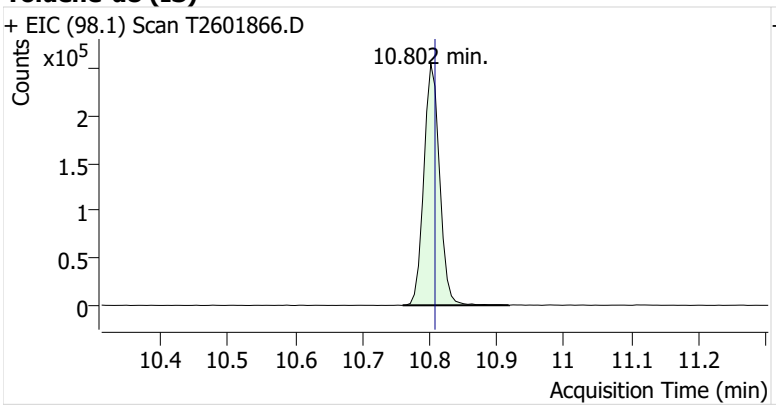


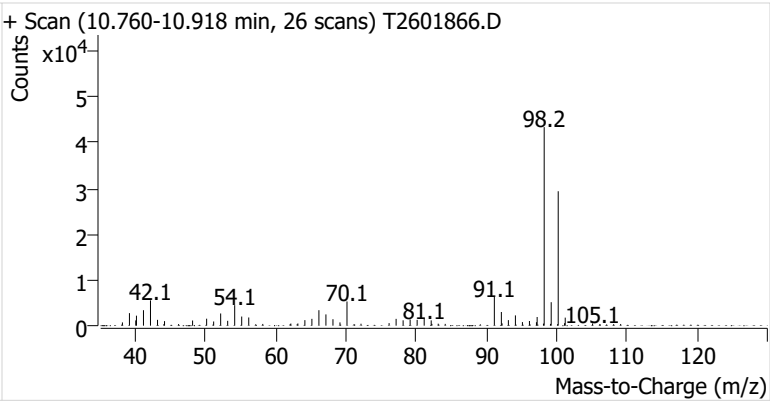
Benzene



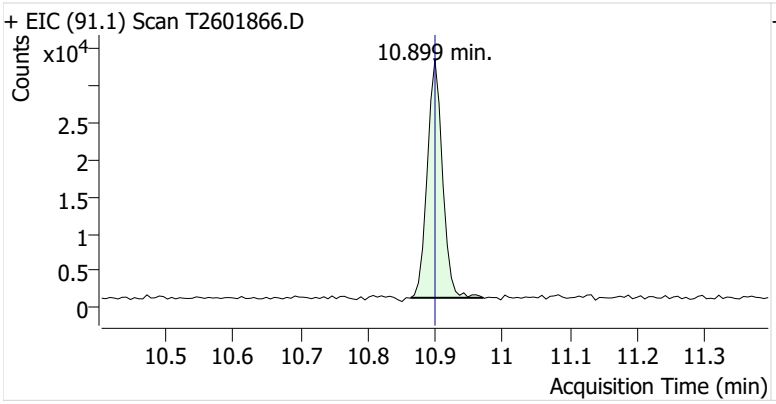


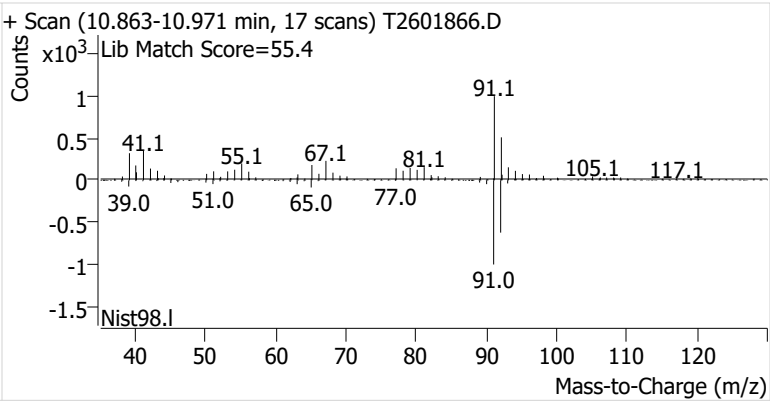
Toluene-d8 (IS)



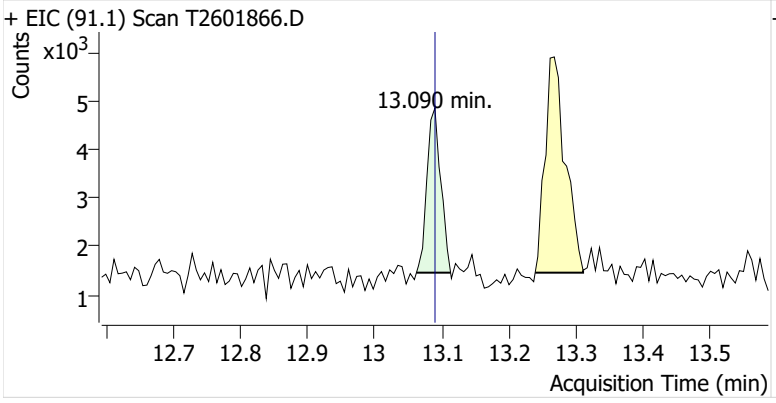


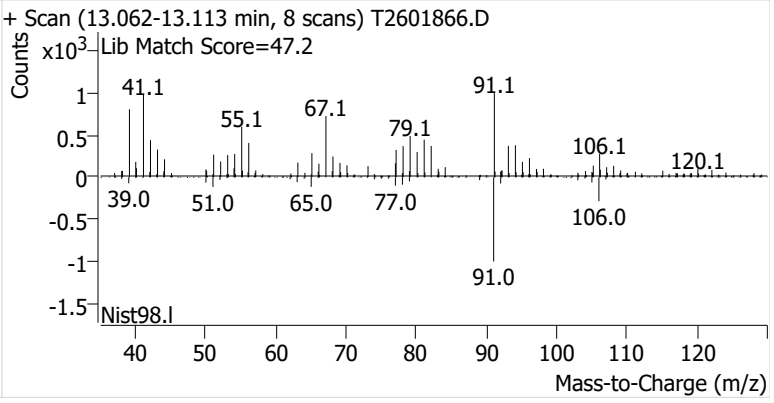
Toluene



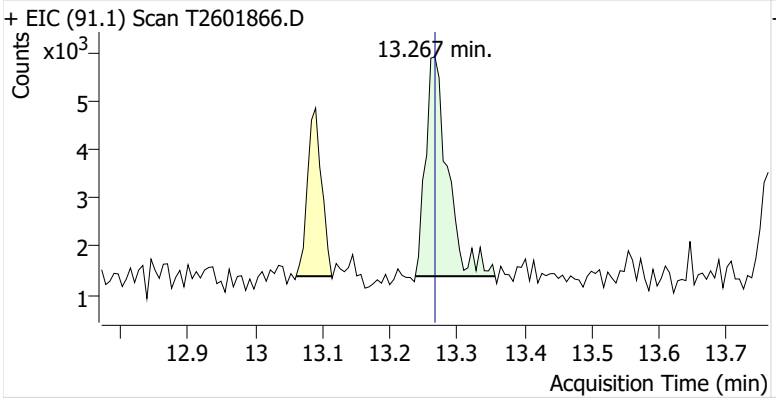


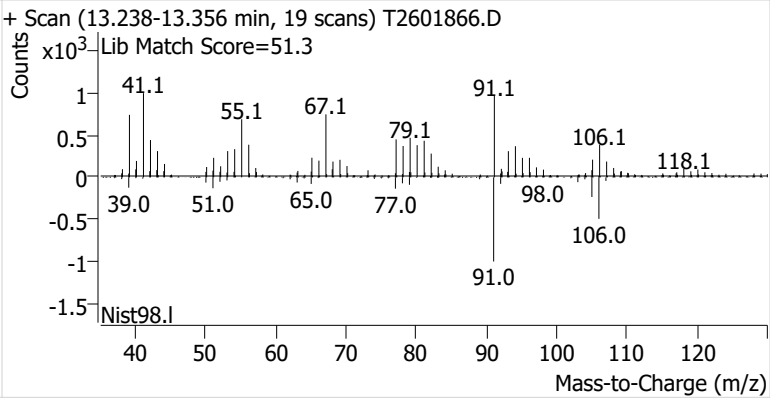
Ethylbenzene



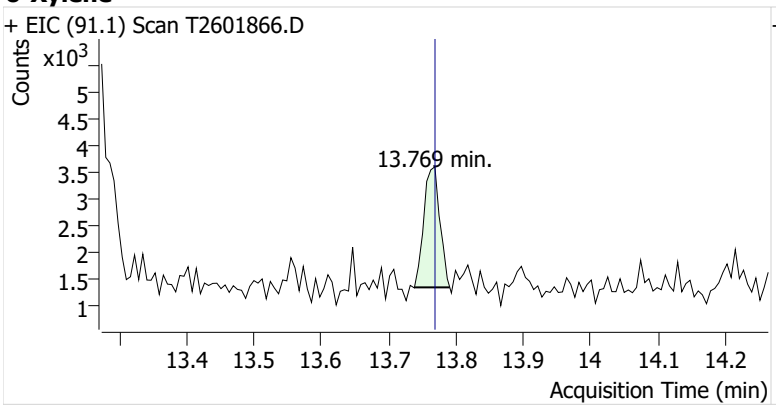


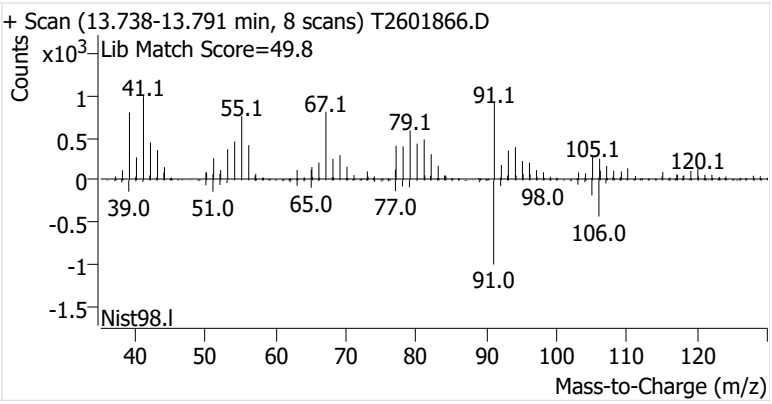
m-/p-Xylenes





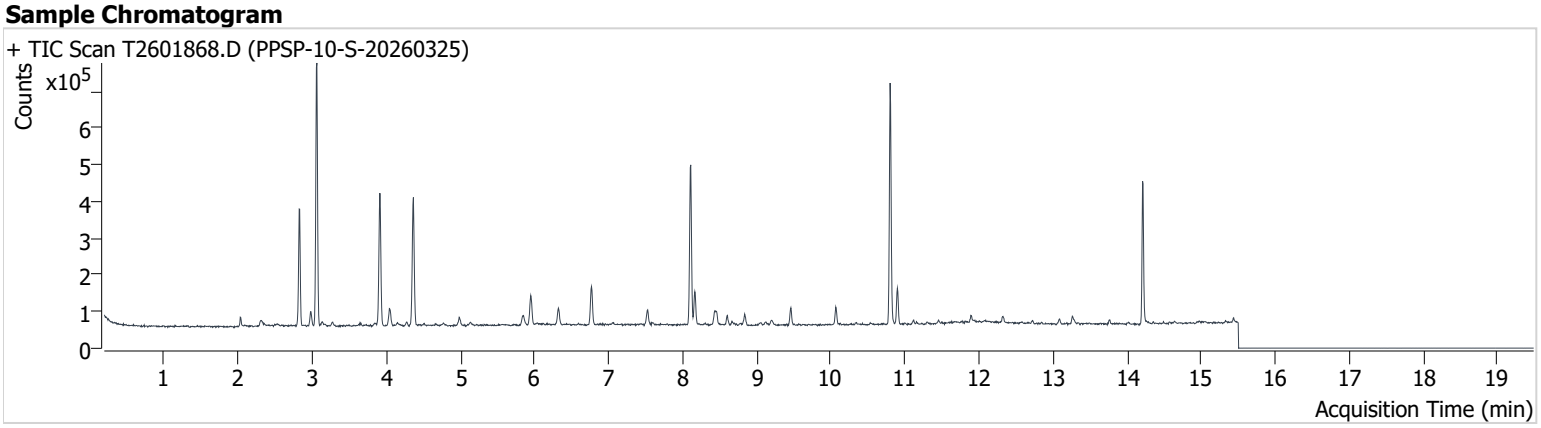
o-Xylene


+ EIC (91.1) Scan T2601866.D
Counts
x10^3
5
4.5
4
3.5
3
2.5
2
1.5
1
13.769 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.738-13.791 min, 8 scans) T2601866.D
Lib Match Score=49.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
105.1
120.1
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)

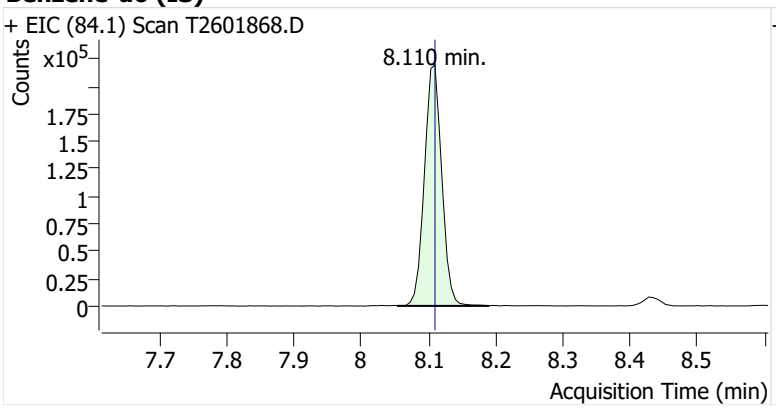
Name	PPSP-10-S-20260325
Comment	C37432
Data File	T2601868.D
Acq. Date-Time	4/11/2026 3:43:47 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

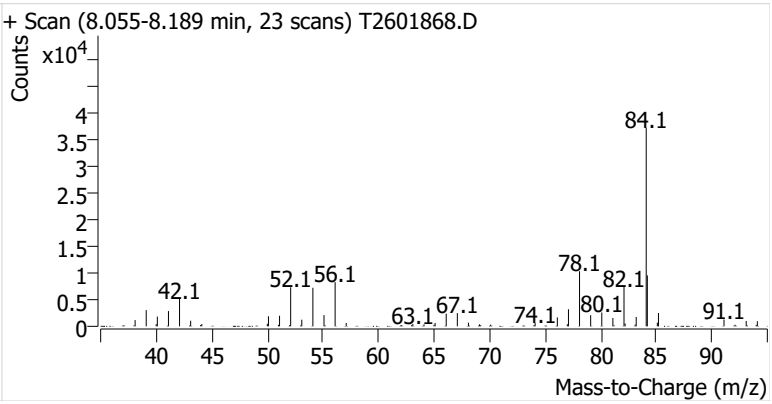
Sample Chromatogram



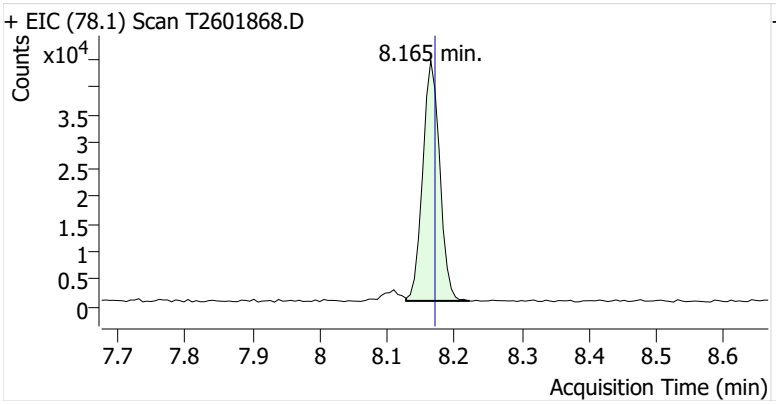
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	392,427	
Benzene	Benzene-d6 (IS)	8.165	8.171	76,976	
Toluene-d8 (IS)		10.801	10.808	413,280	
Toluene	Toluene-d8 (IS)	10.899	10.900	67,555	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	8,956	
m-/p-Xylenes	Toluene-d8 (IS)	13.261	13.267	14,929	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	6,063	

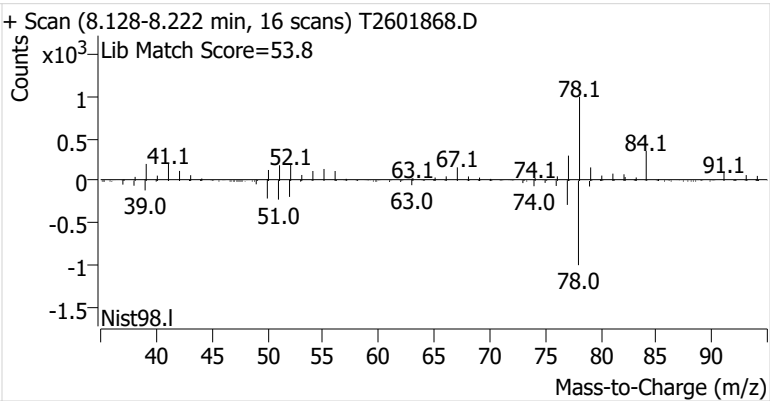
Benzene-d6 (IS)



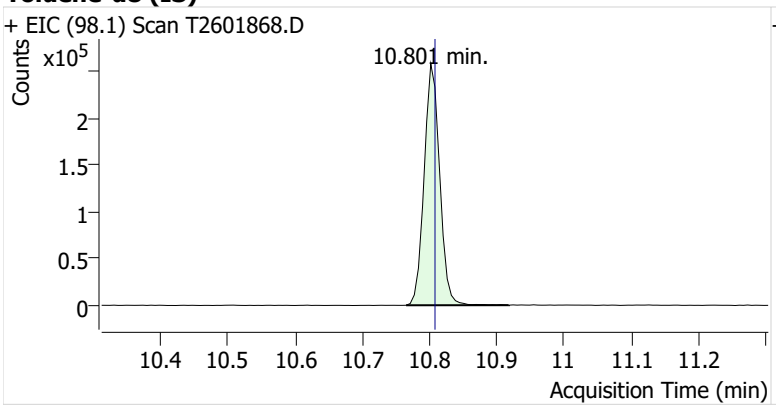


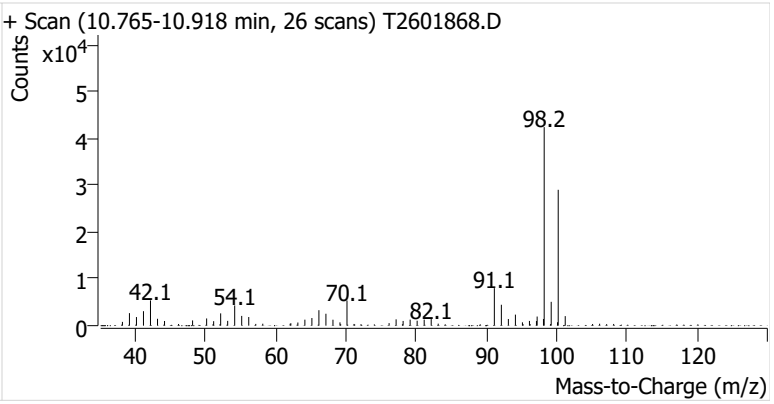
Benzene



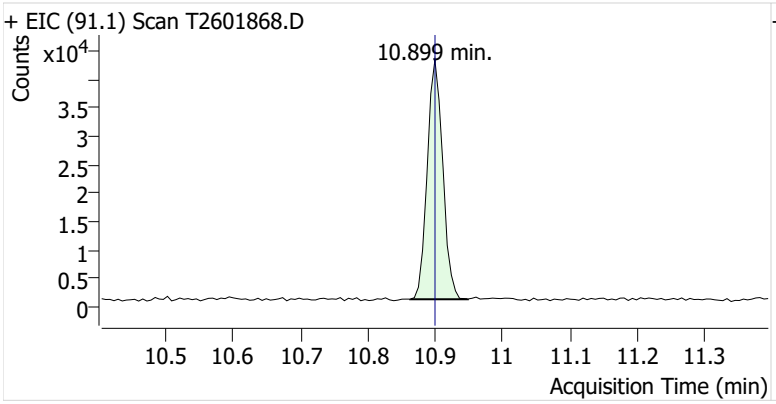


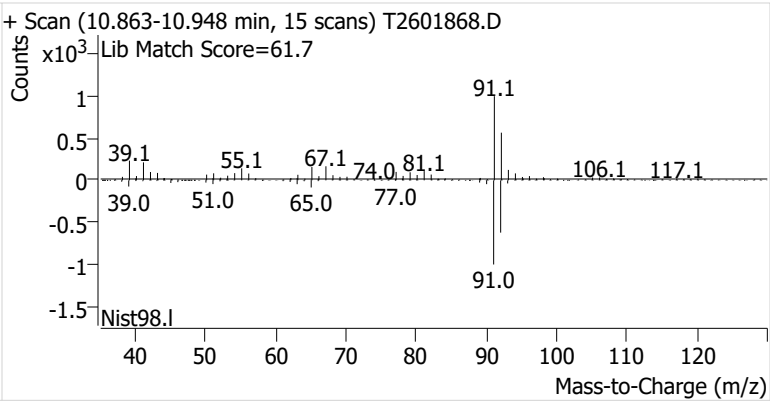
Toluene-d8 (IS)



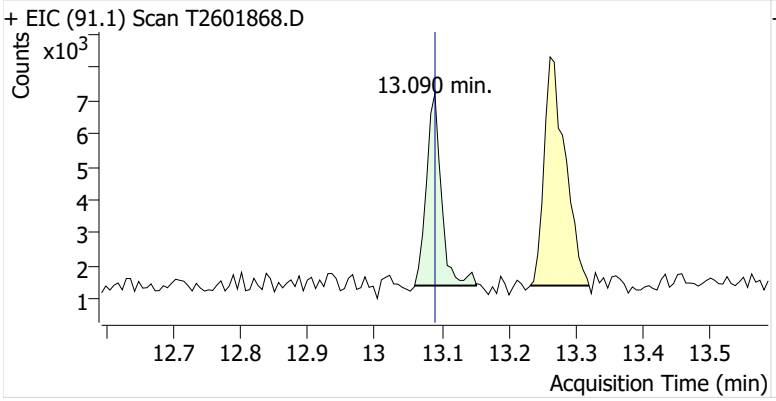


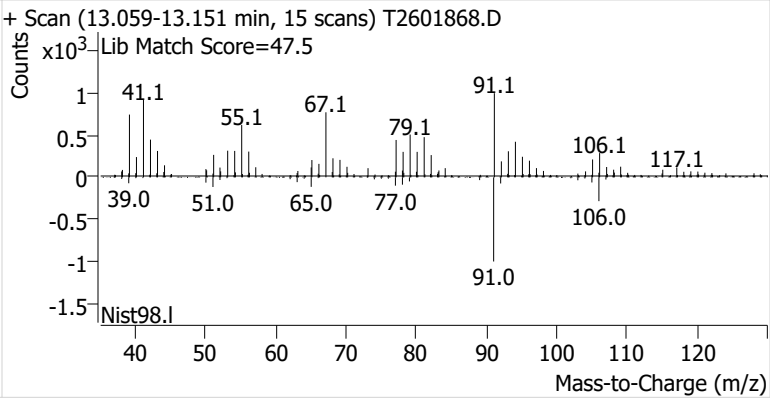
Toluene



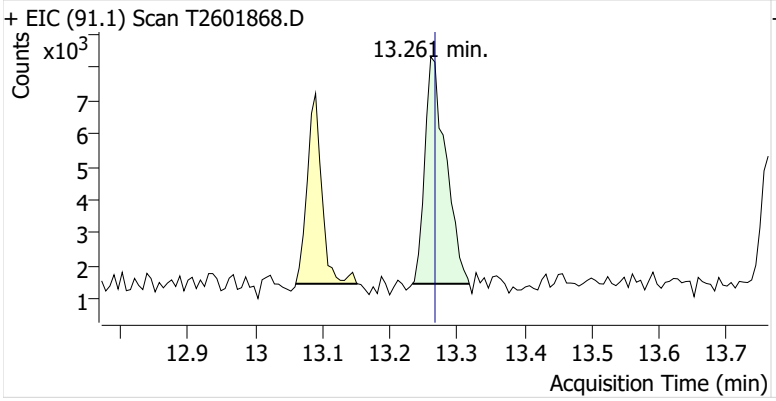


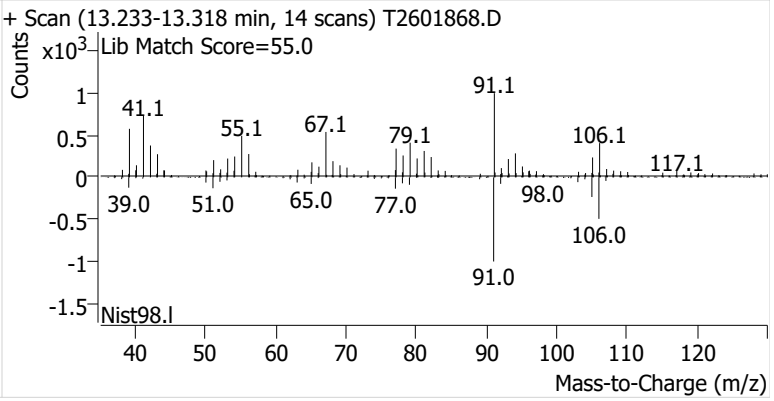
Ethylbenzene



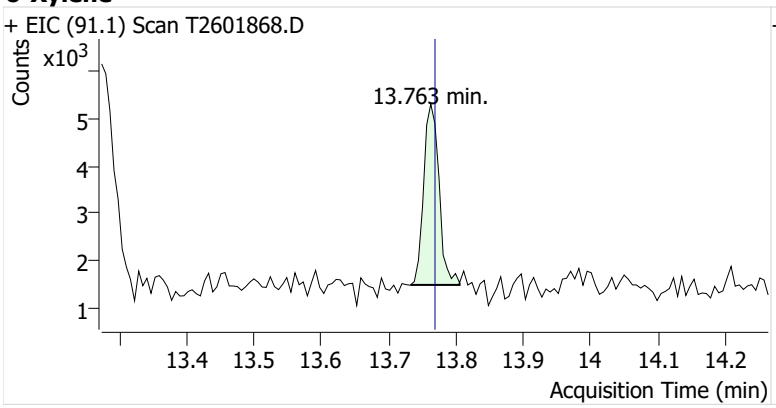


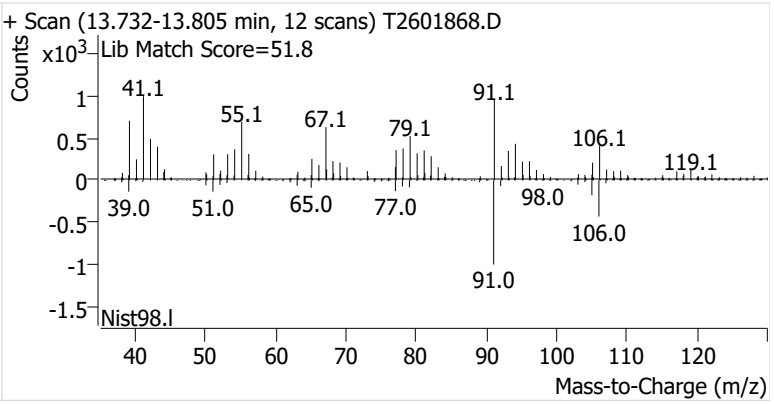
m-/p-Xylenes





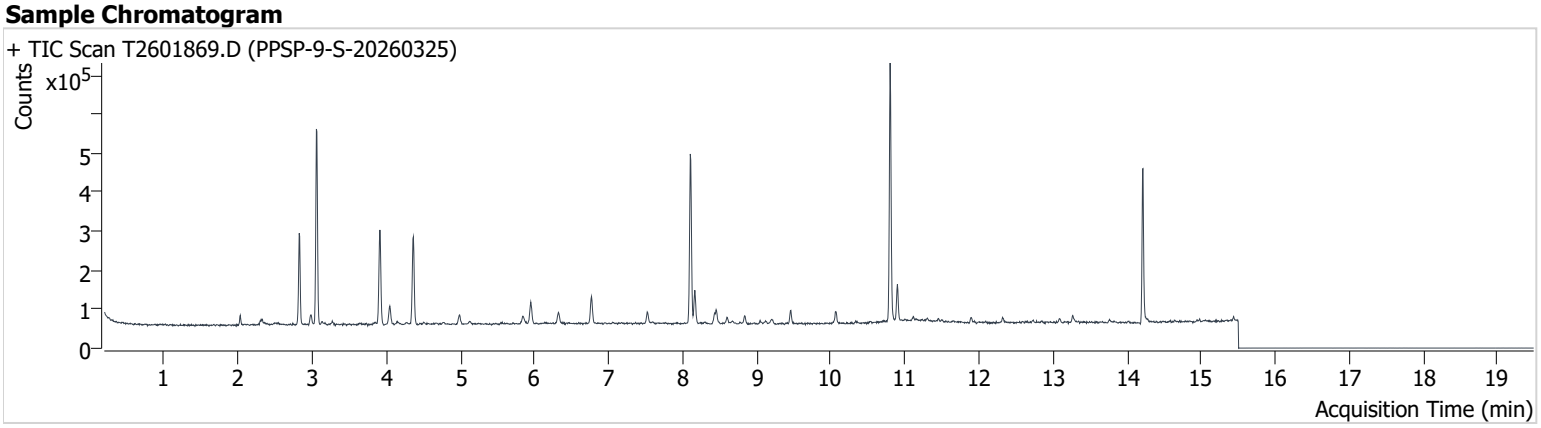
o-Xylene


+ EIC (91.1) Scan T2601868.D
Counts
x10^3
13.763 min.
Acquisition Time (min)


+ Scan (13.732-13.805 min, 12 scans) T2601868.D
Lib Match Score=51.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

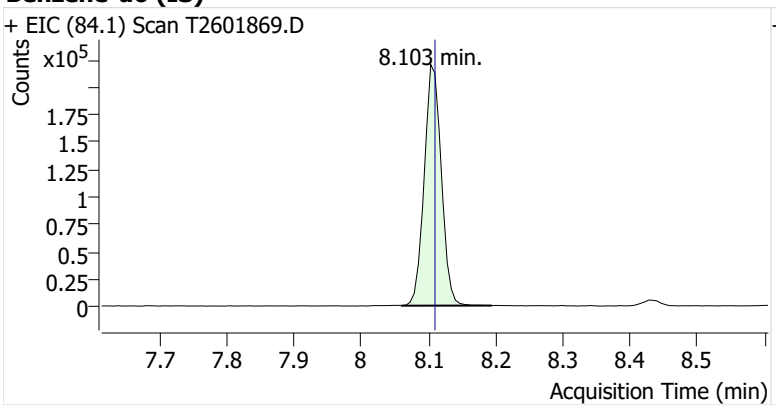
Name	PPSP-9-S-20260325
Comment	B51016
Data File	T2601869.D
Acq. Date-Time	4/11/2026 4:10:17 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

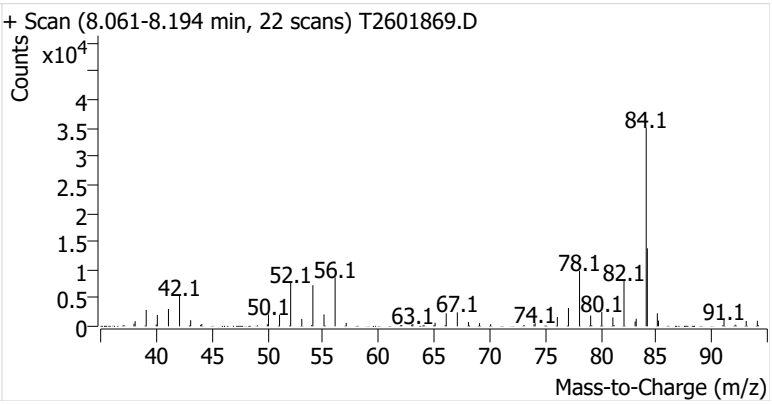
Sample Chromatogram



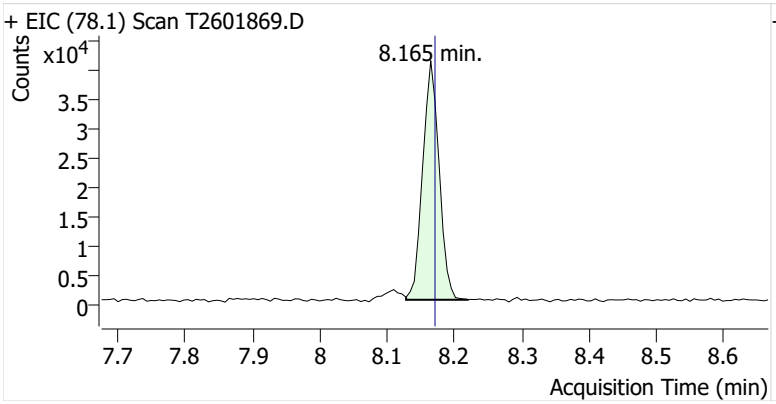
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.103	8.110	388,441	
Benzene	Benzene-d6 (IS)	8.165	8.171	69,008	
Toluene-d8 (IS)		10.801	10.808	411,417	
Toluene	Toluene-d8 (IS)	10.899	10.900	61,551	
Ethylbenzene	Toluene-d8 (IS)	13.089	13.090	7,172	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	13,134	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	5,025	

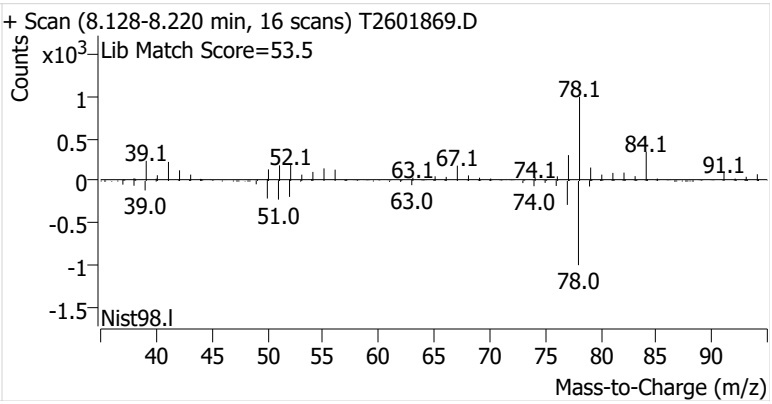
Benzene-d6 (IS)



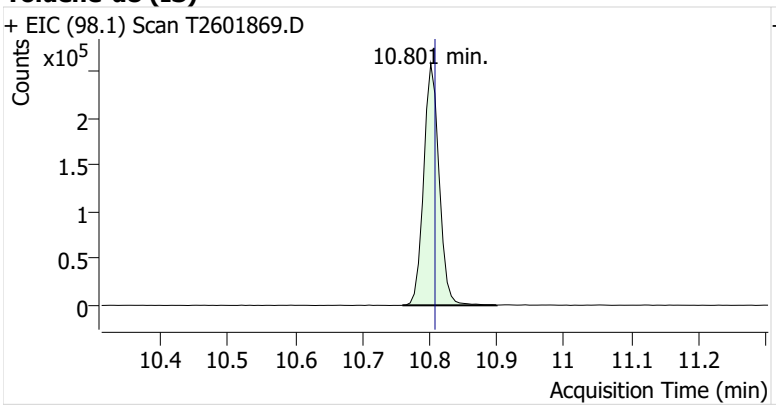


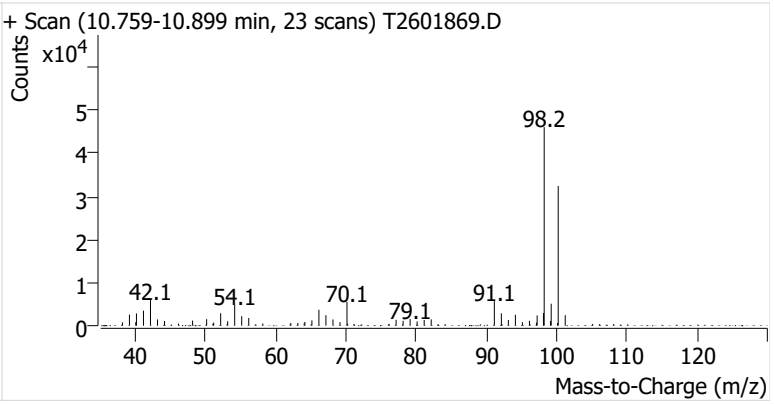
Benzene



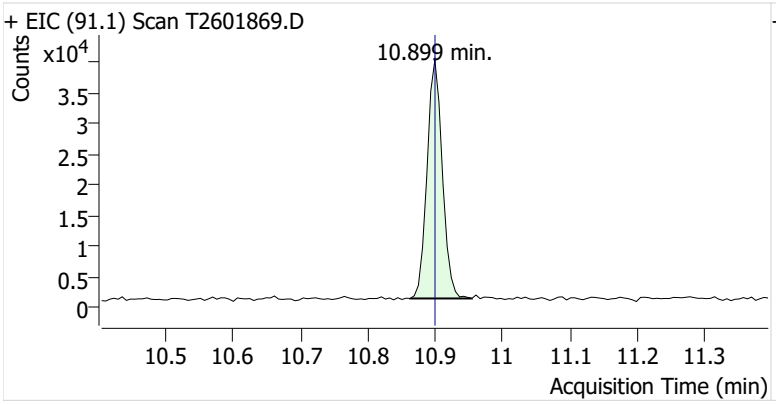


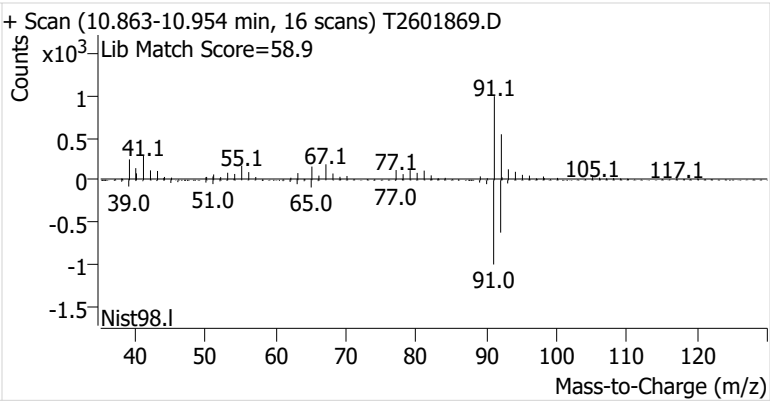
Toluene-d8 (IS)



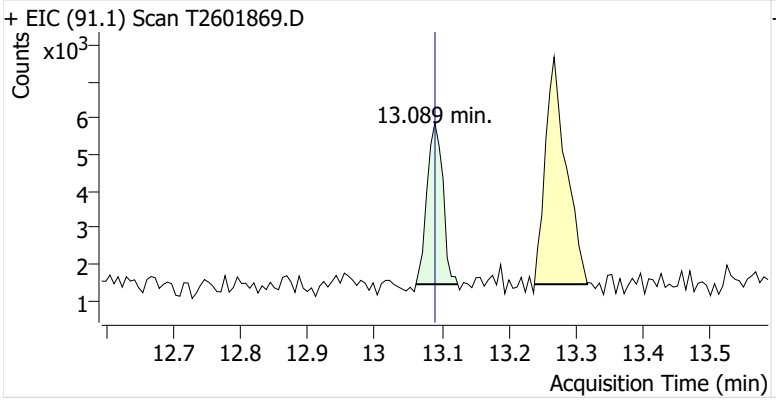


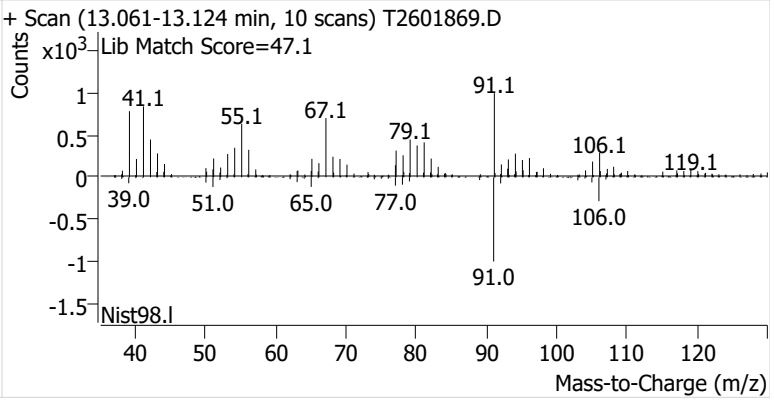
Toluene



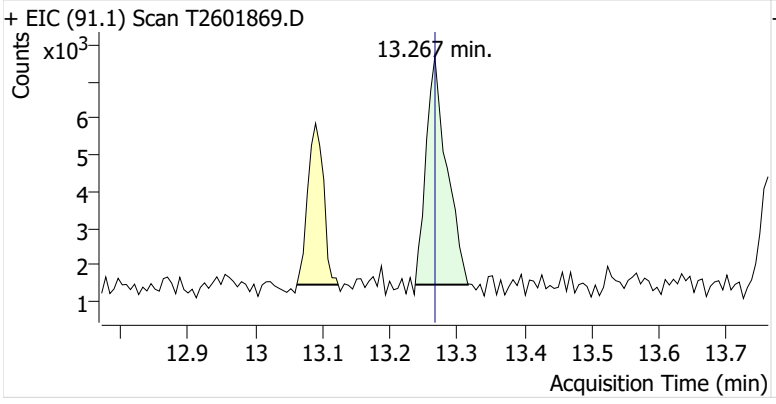


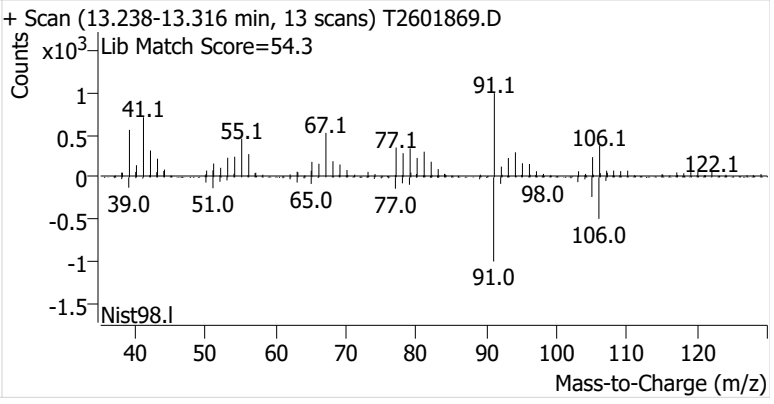
Ethylbenzene



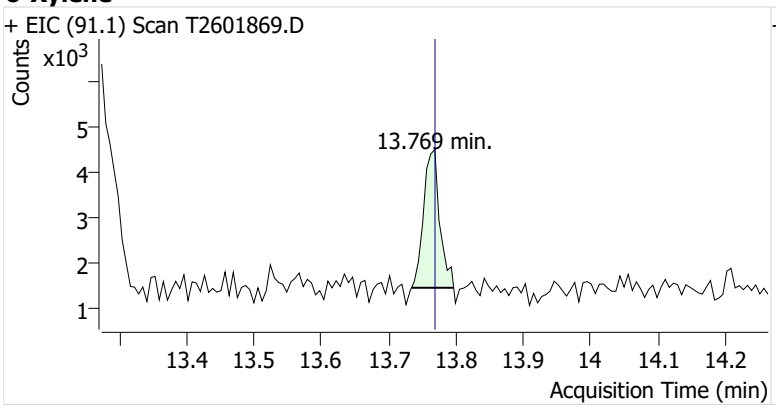


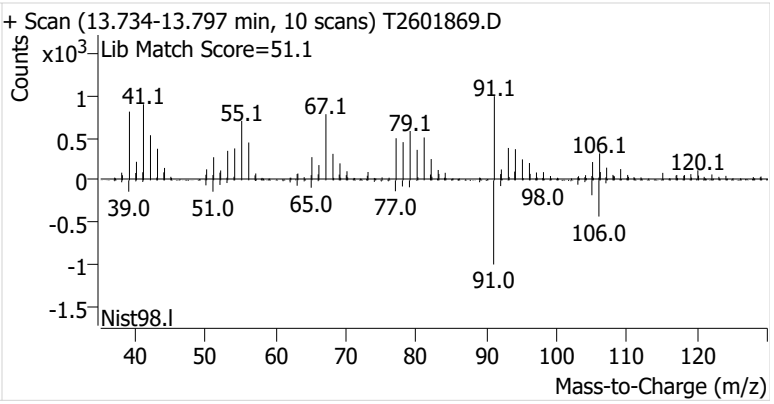
m-/p-Xylenes





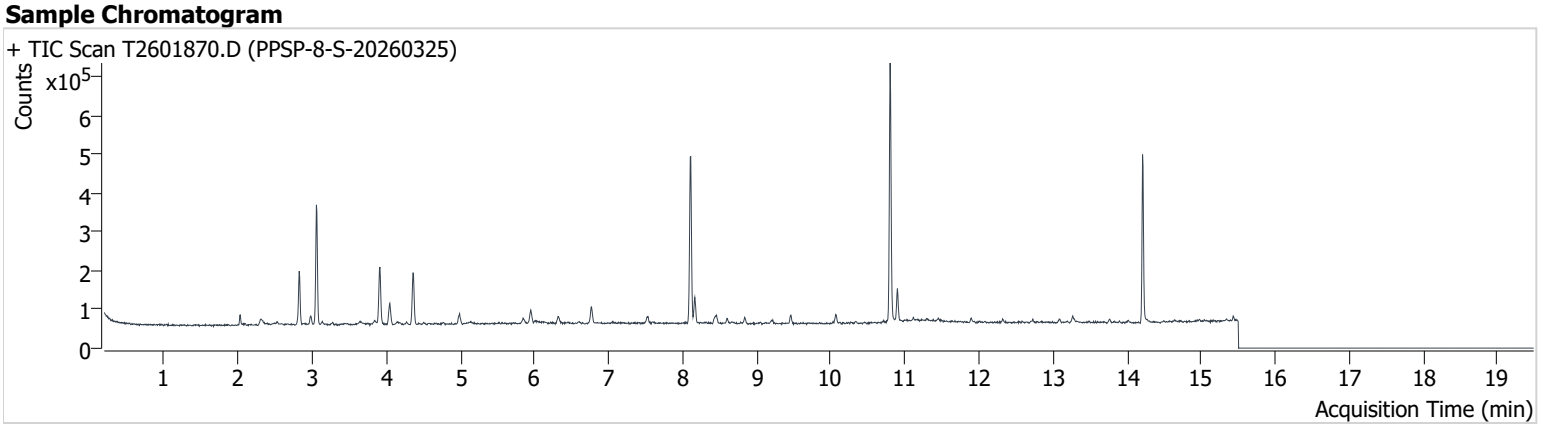
o-Xylene


+ EIC (91.1) Scan T2601869.D
Counts
x10^3
13.769 min.
Acquisition Time (min)


+ Scan (13.734-13.797 min, 10 scans) T2601869.D
Lib Match Score=51.1
Counts
x10^3
41.1
55.1
67.1
79.1
91.1
106.1
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

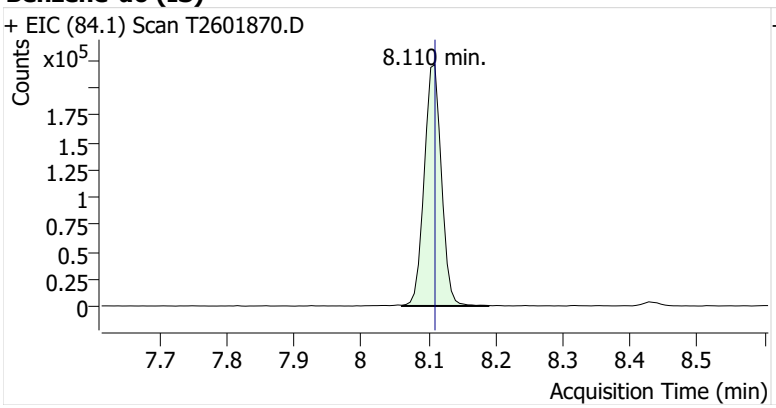
Name	PPSP-8-S-20260325
Comment	C57803
Data File	T2601870.D
Acq. Date-Time	4/11/2026 4:35:53 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

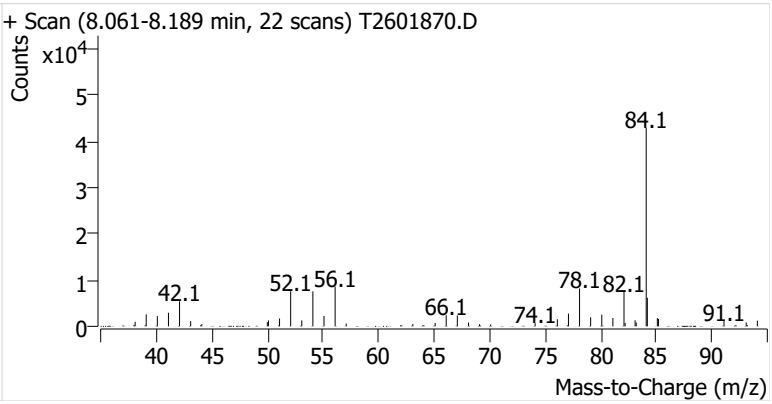
Sample Chromatogram



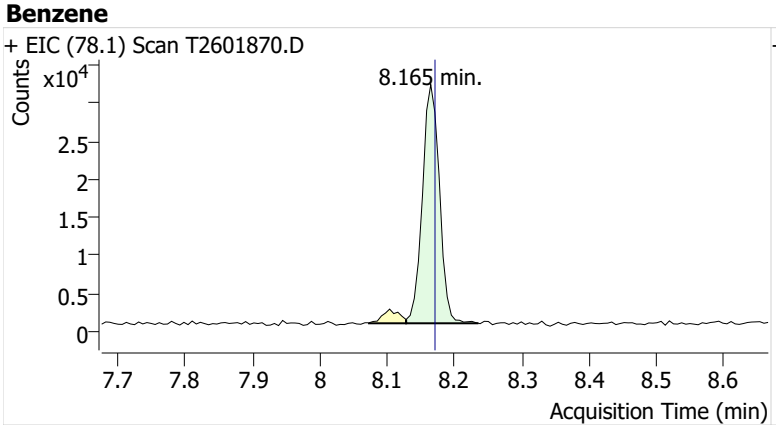
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.110	8.110	392,392	
Benzene	Benzene-d6 (IS)	8.165	8.171	55,493	
Toluene-d8 (IS)		10.801	10.808	416,155	
Toluene	Toluene-d8 (IS)	10.899	10.900	53,660	
Ethylbenzene	Toluene-d8 (IS)	13.089	13.090	5,975	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	12,266	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	4,332	

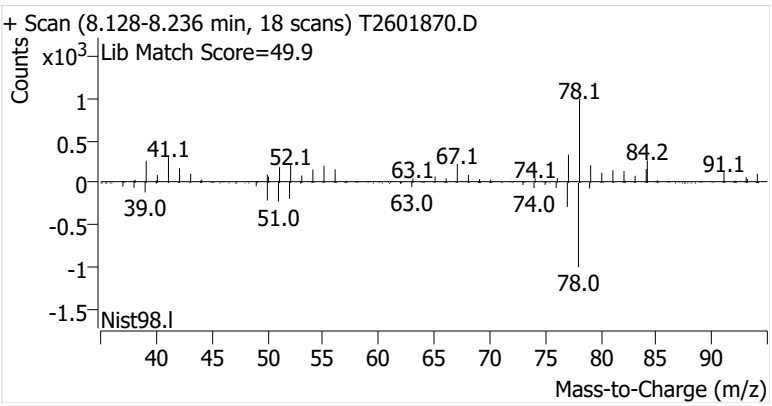
Benzene-d6 (IS)



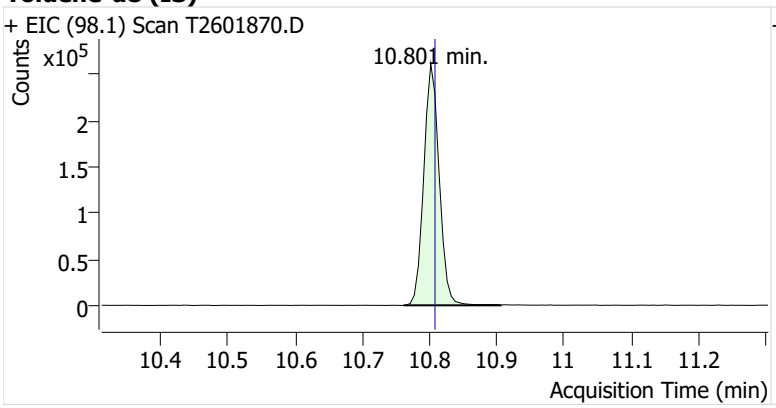


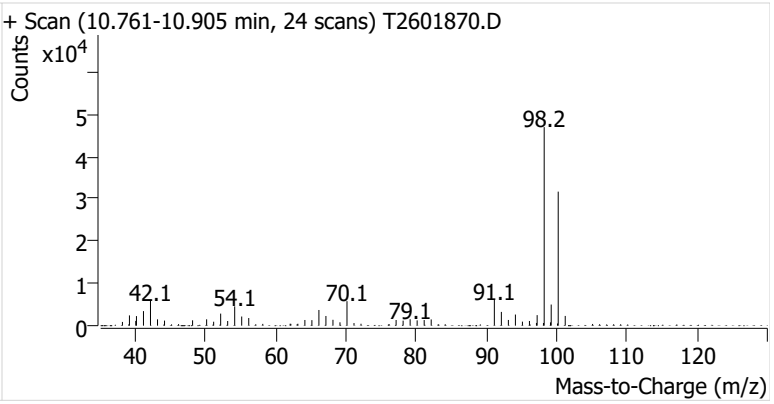
Benzene



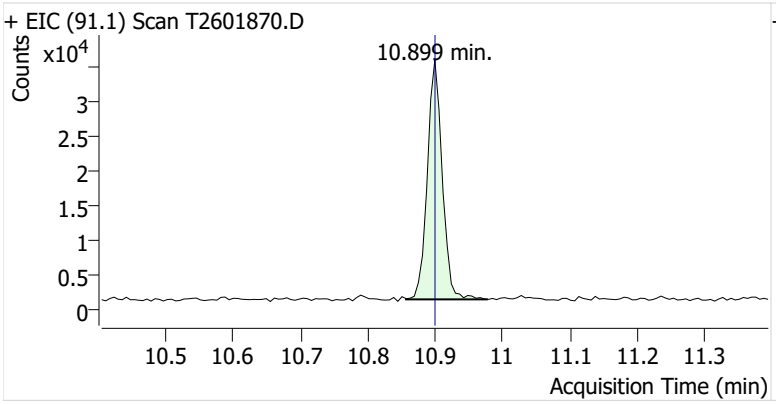


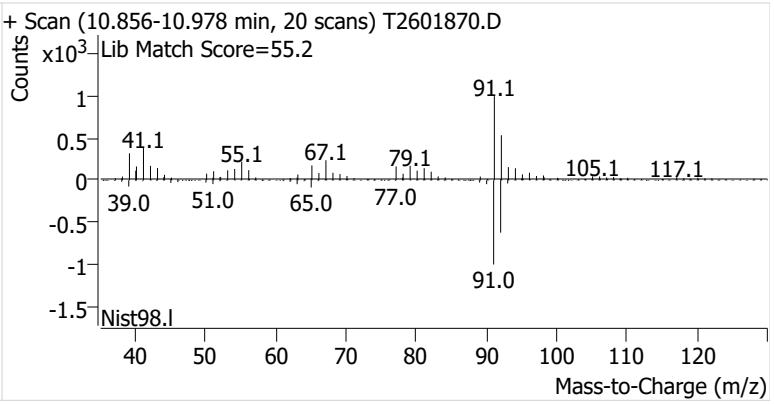
Toluene-d8 (IS)



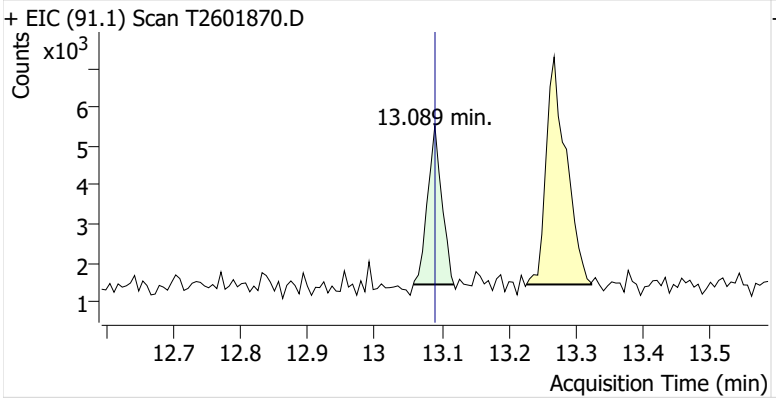


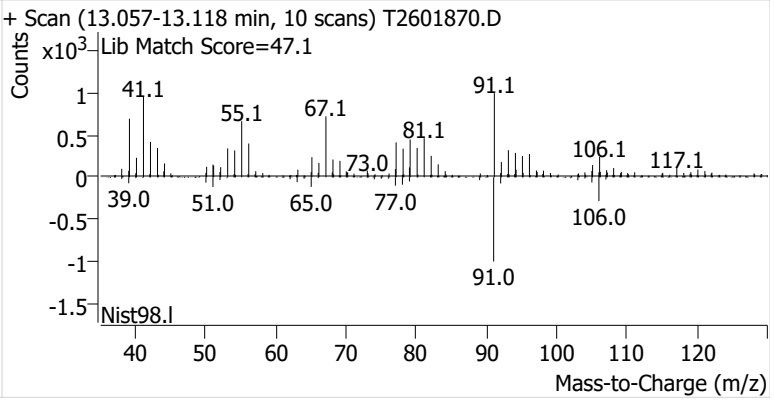
Toluene



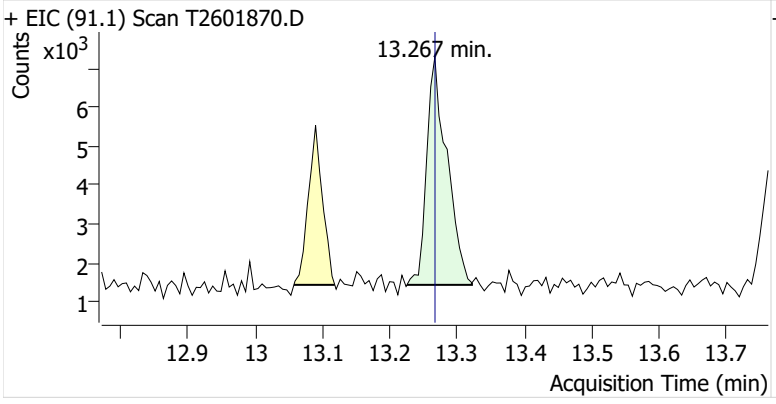


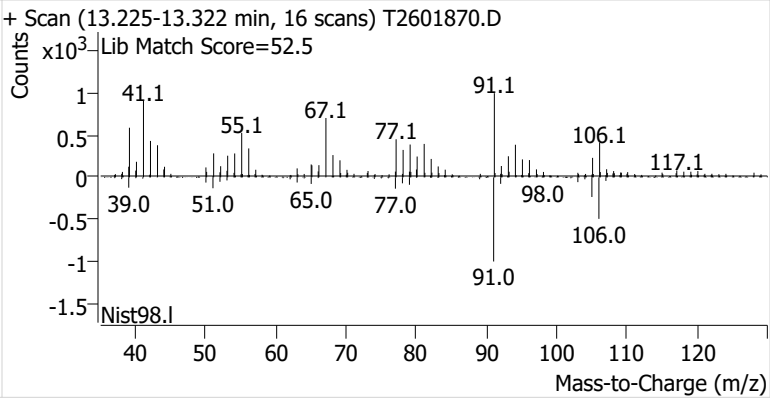
Ethylbenzene



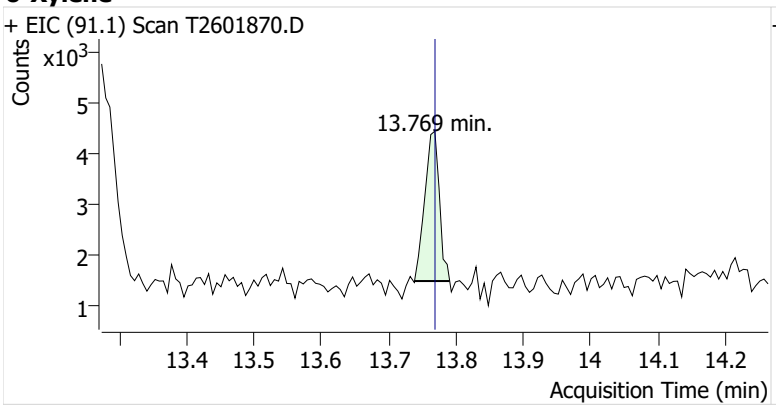


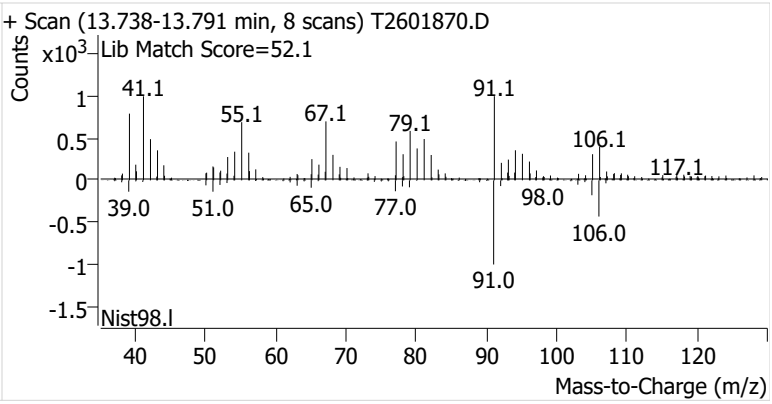
m-/p-Xylenes





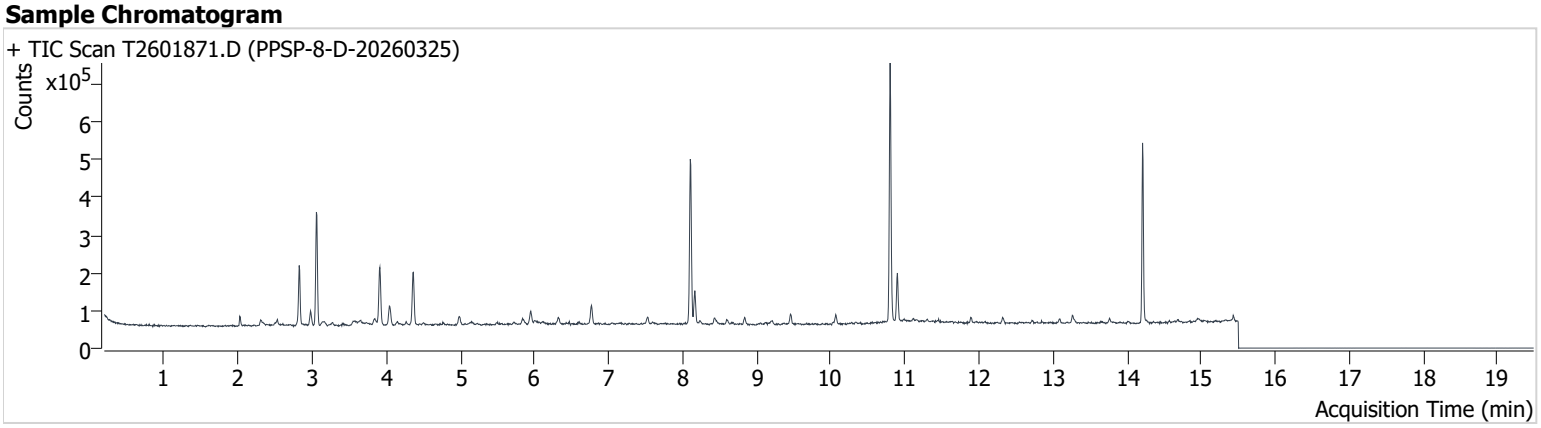
o-Xylene


+ EIC (91.1) Scan T2601870.D
Counts
x10^3
5
4
3
2
1
13.769 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.738-13.791 min, 8 scans) T2601870.D
Lib Match Score=52.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
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)

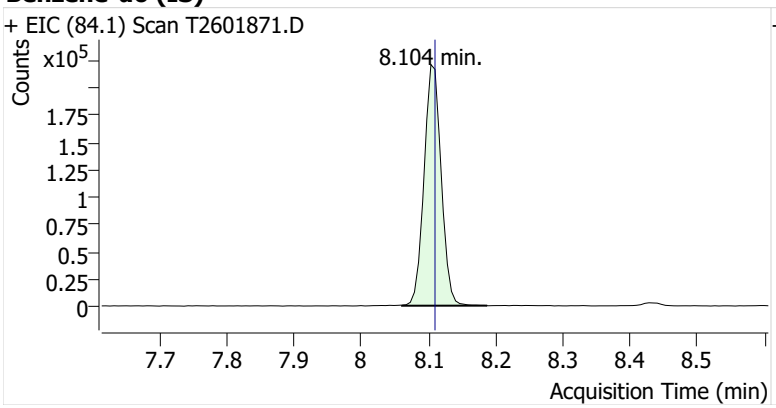
Name	PPSP-8-D-20260325
Comment	B50657
Data File	T2601871.D
Acq. Date-Time	4/11/2026 5:01:46 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

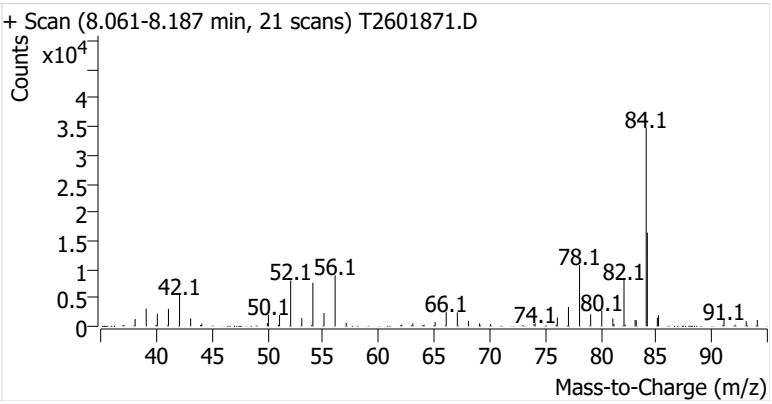
Sample Chromatogram



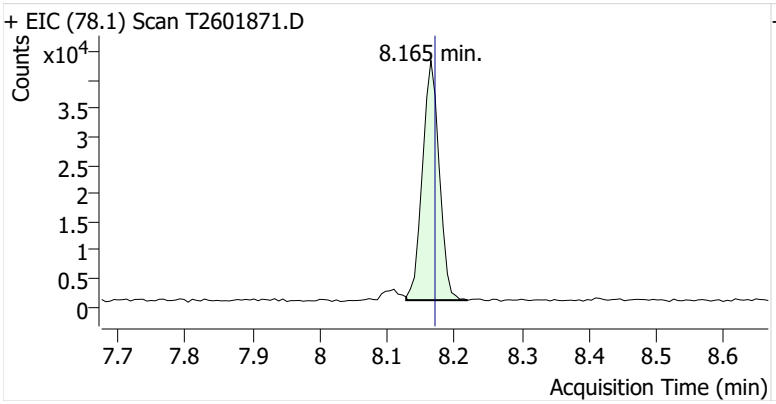
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.104	8.110	389,692	
Benzene	Benzene-d6 (IS)	8.165	8.171	73,879	
Toluene-d8 (IS)		10.802	10.808	421,497	
Toluene	Toluene-d8 (IS)	10.900	10.900	85,341	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	8,542	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	13,274	
o-Xylene	Toluene-d8 (IS)	13.763	13.769	5,264	

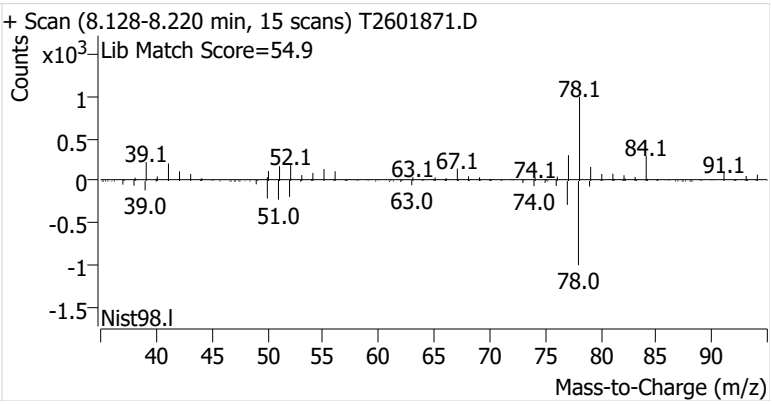
Benzene-d6 (IS)



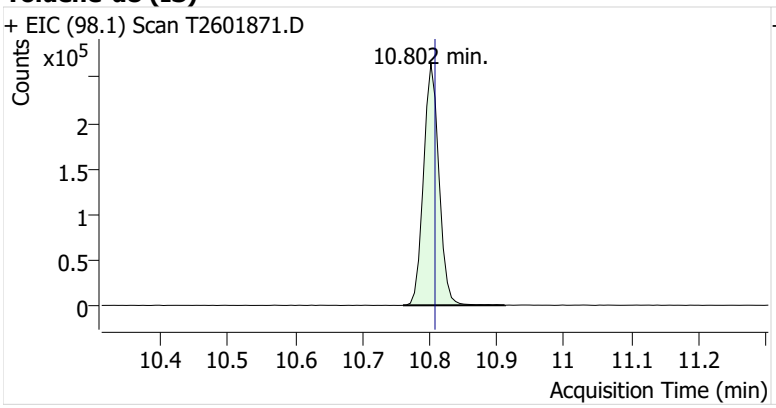


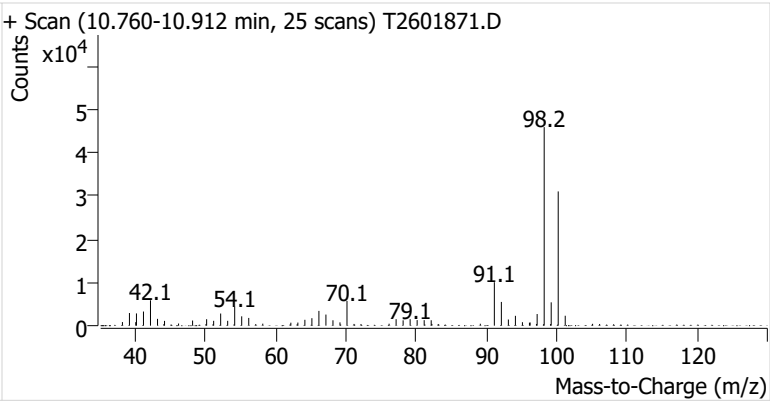
Benzene



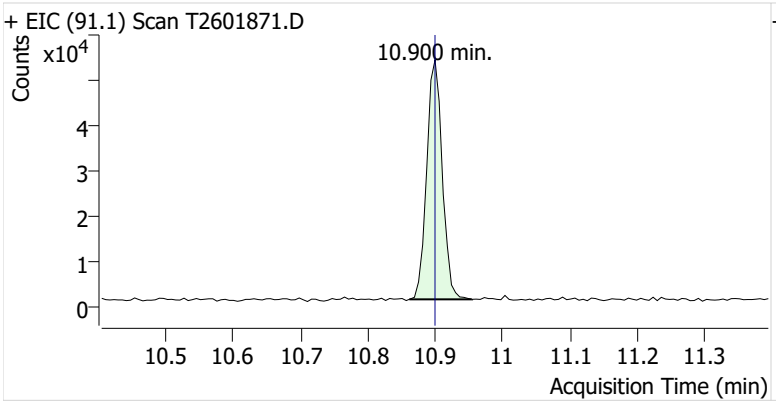


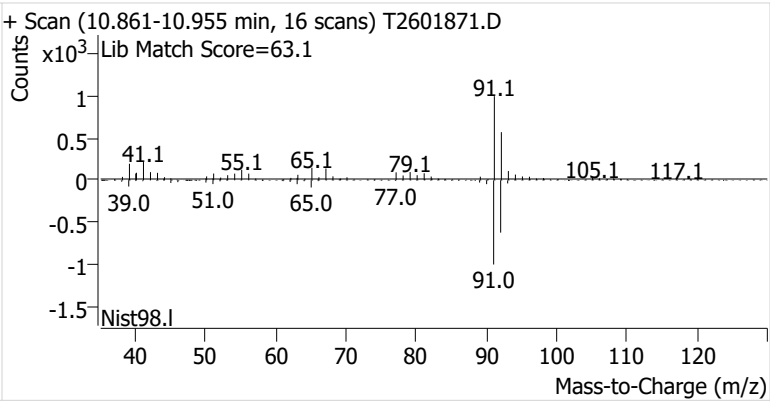
Toluene-d8 (IS)



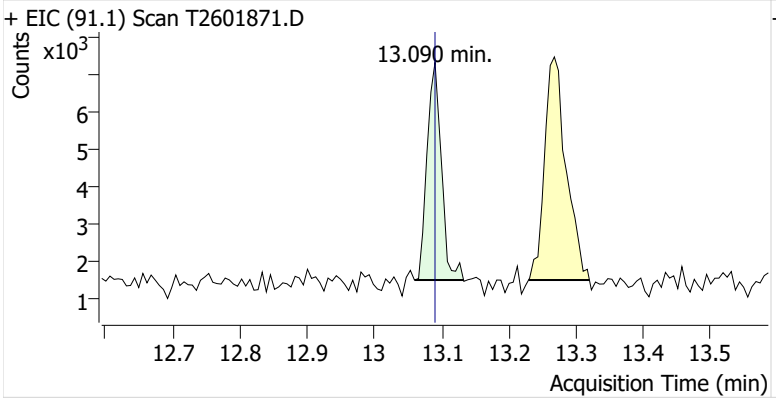


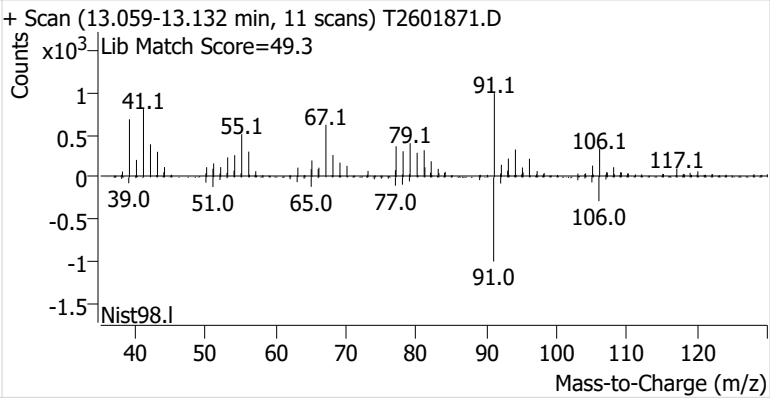
Toluene



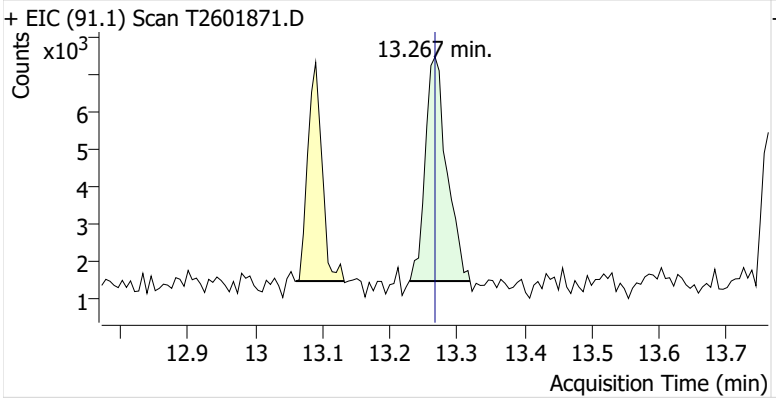


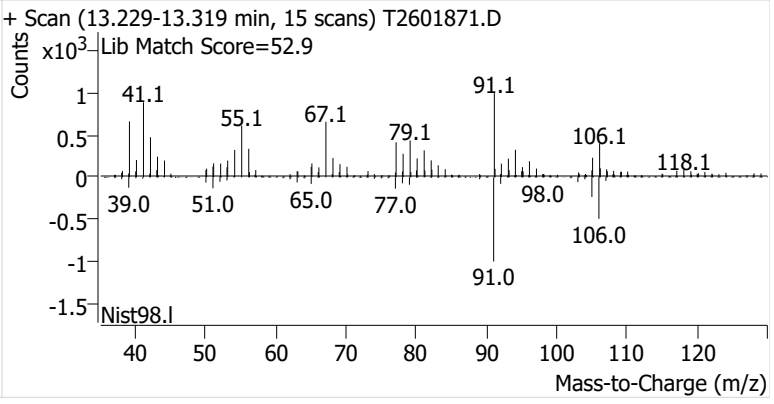
Ethylbenzene



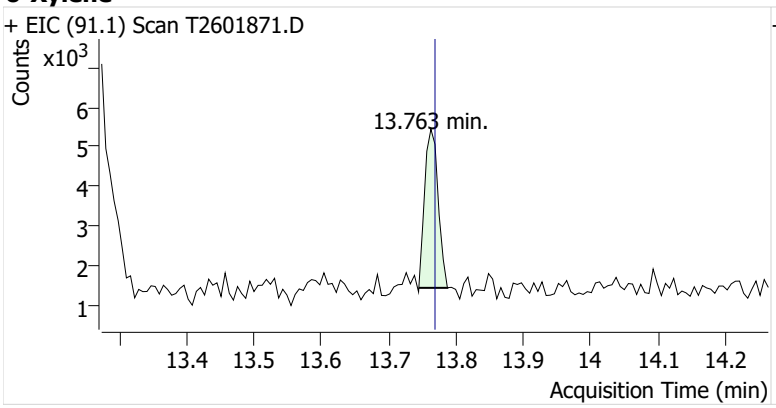


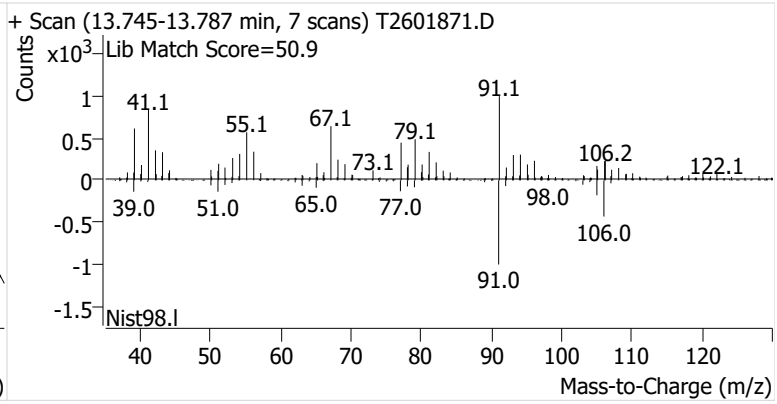
m-/p-Xylenes





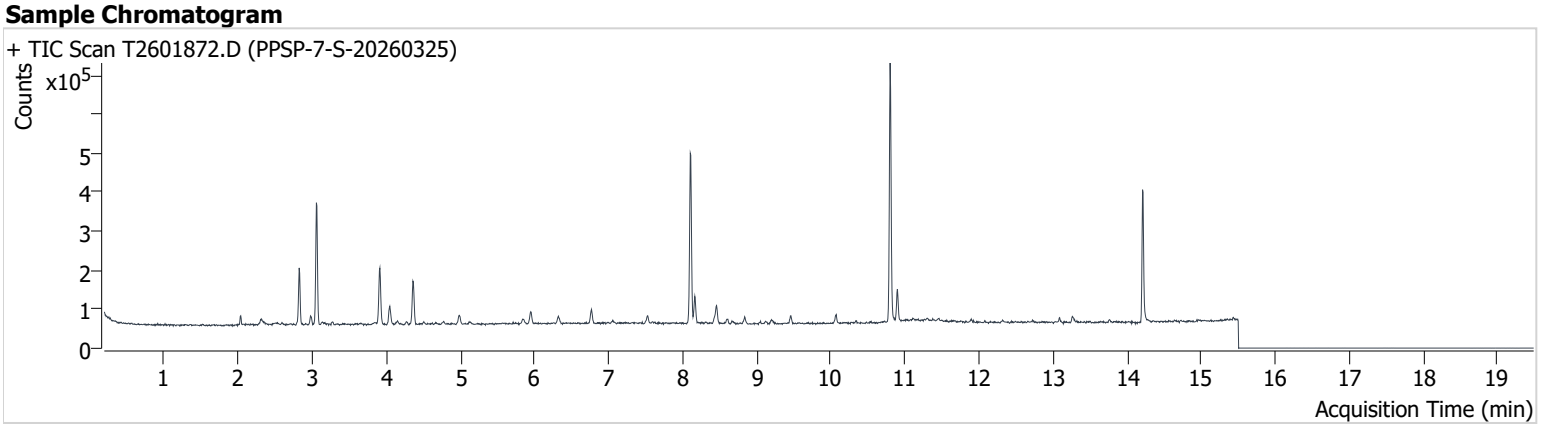
o-Xylene


+ EIC (91.1) Scan T2601871.D
Counts
x10^3
6
5
4
3
2
1
13.763 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.745-13.787 min, 7 scans) T2601871.D
Lib Match Score=50.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
73.1
106.2
122.1
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)

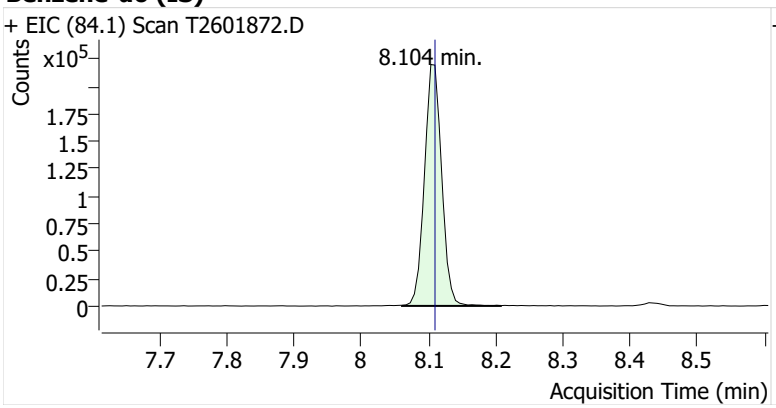
Name	PPSP-7-S-20260325
Comment	B29730
Data File	T2601872.D
Acq. Date-Time	4/11/2026 5:27:19 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

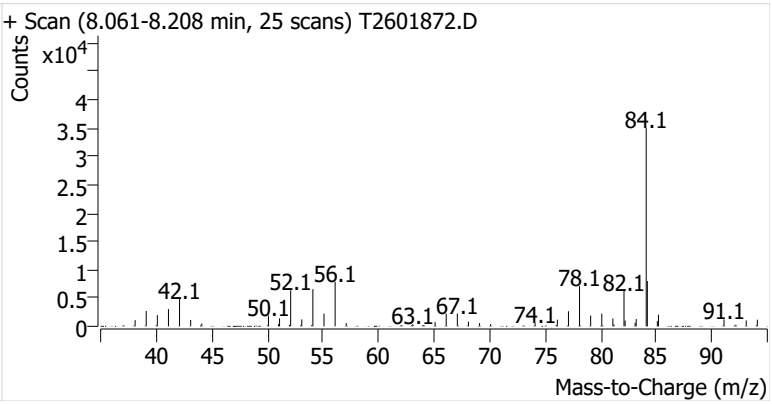
Sample Chromatogram



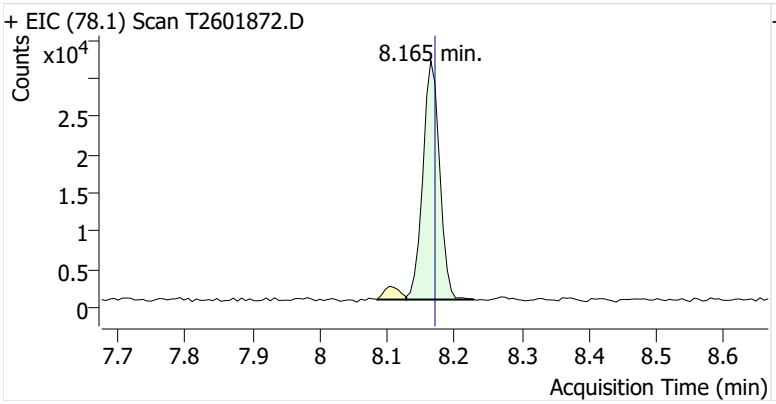
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.104	8.110	390,747	
Benzene	Benzene-d6 (IS)	8.165	8.171	54,104	
Toluene-d8 (IS)		10.802	10.808	416,118	
Toluene	Toluene-d8 (IS)	10.899	10.900	52,840	
Ethylbenzene	Toluene-d8 (IS)	13.090	13.090	7,149	
m-/p-Xylenes	Toluene-d8 (IS)	13.267	13.267	12,210	
o-Xylene	Toluene-d8 (IS)	13.769	13.769	4,997	

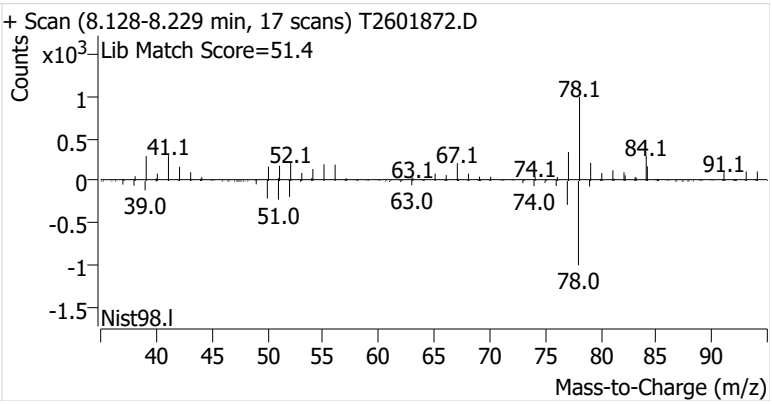
Benzene-d6 (IS)



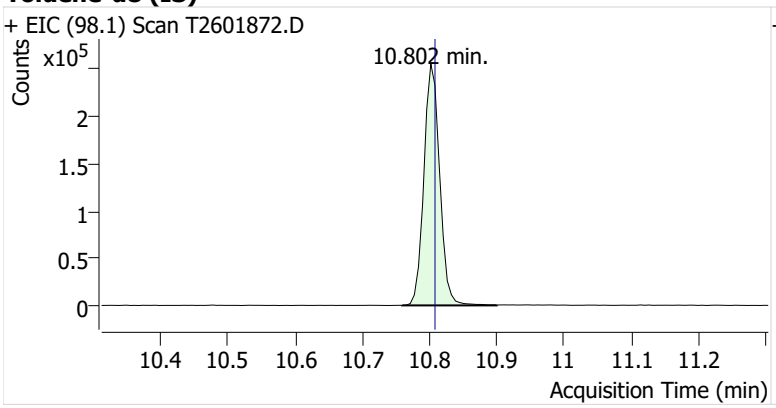


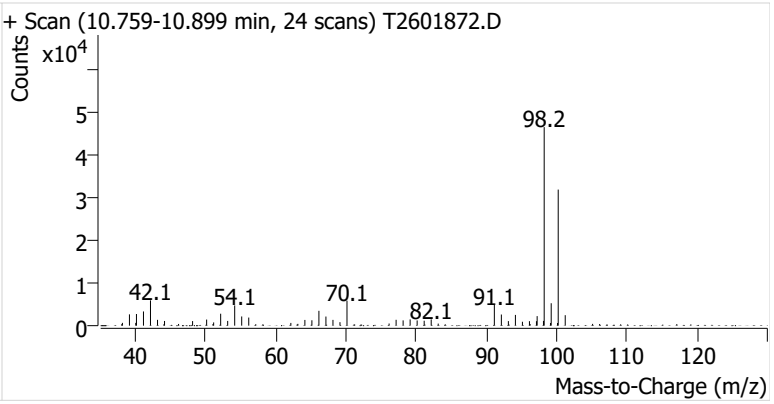
Benzene



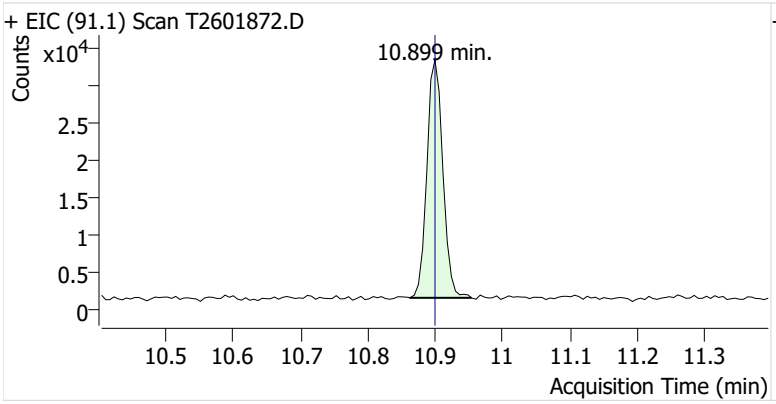


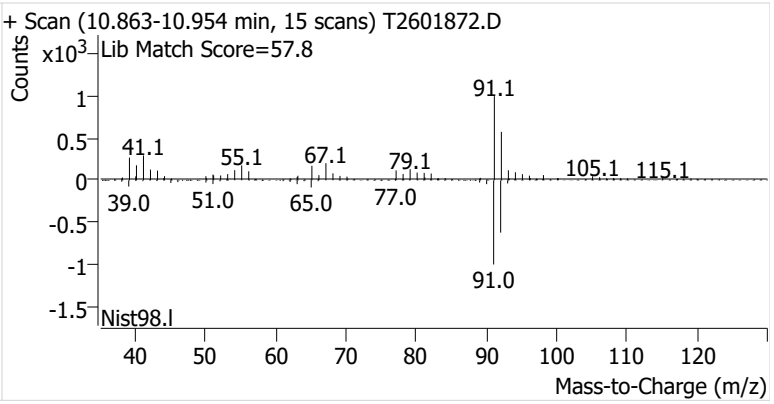
Toluene-d8 (IS)



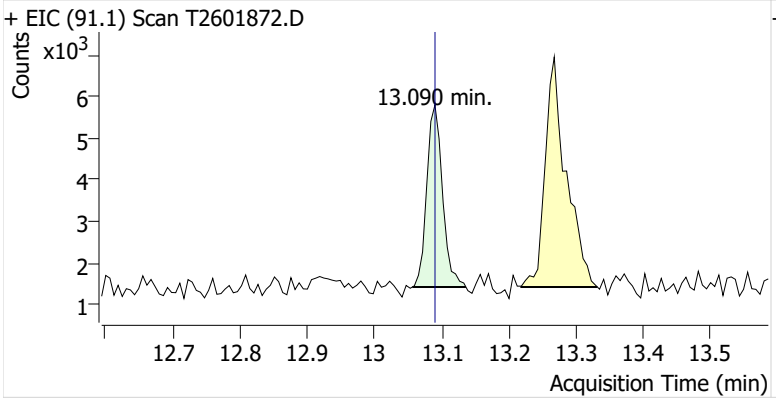


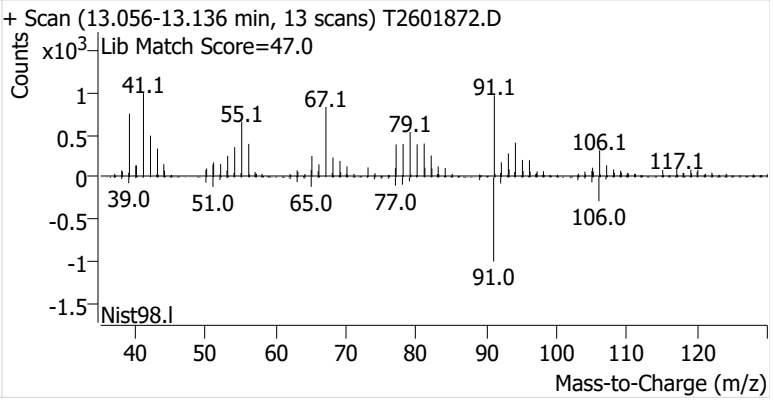
Toluene



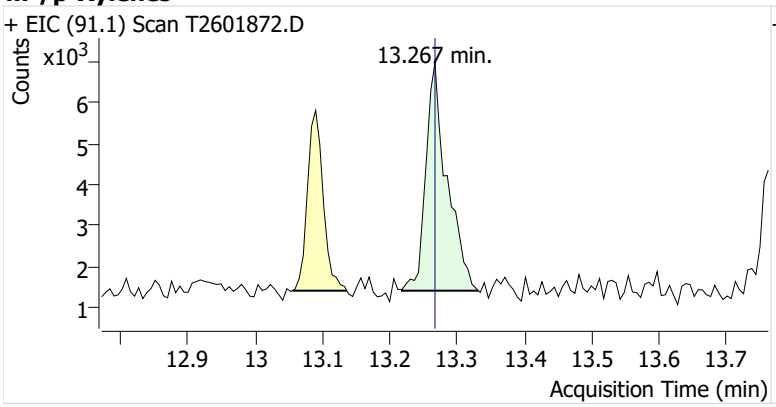


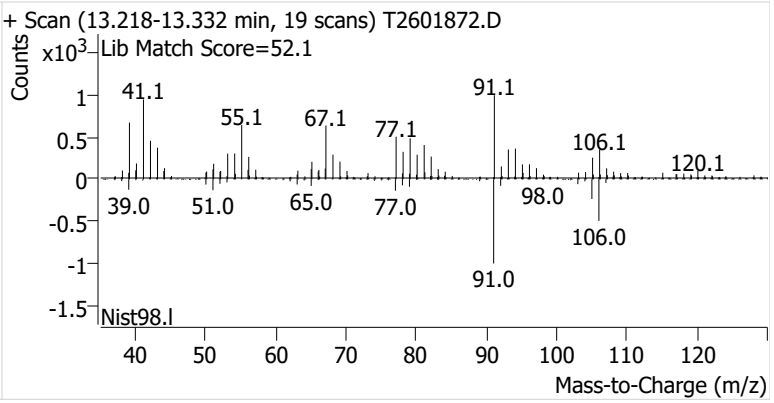
Ethylbenzene



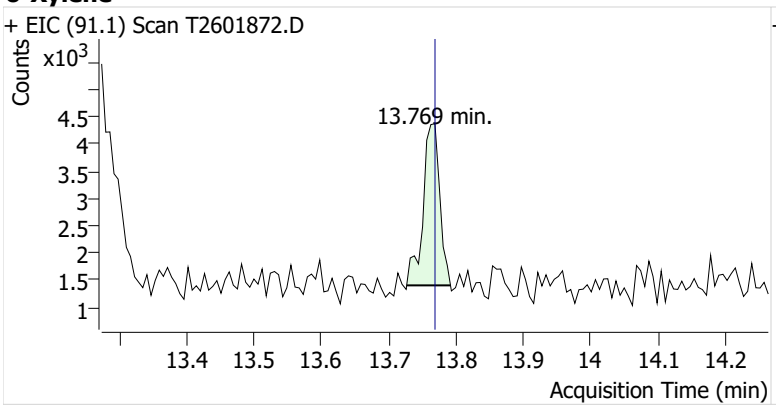


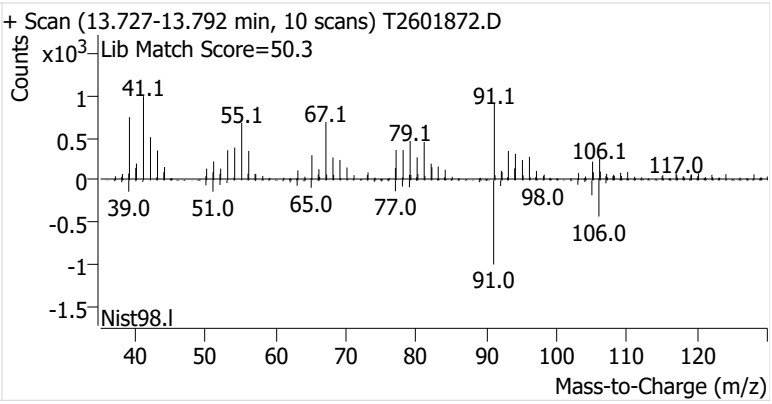
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan T2601872.D
Counts
x10^3
4.5
4
3.5
3
2.5
2
1.5
1
13.769 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.727-13.792 min, 10 scans) T2601872.D
Counts
x10^3
Lib Match Score=50.3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
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)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2026FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T011326A_CC185154_R1	Benzene	2	T2600231.D	12.06	72972	56.0	364191	0.931	-0.25
T011326A_CC185154_R1	Benzene	3	T2600232.D	24.12	204055	56.0	363183	1.305	0.057
T011326A_CC185154_R1	Benzene	4	T2600233.D	48.24	385486	56.0	362792	1.234	-0.00016
T011326A_CC185154_R1	Benzene	5	T2600234.D	119.14	956312	56.0	362391	1.241	0.0054
T011326A_CC185154_R1	Benzene	6	T2600235.D	241.19	2086658	56.0	365090	1.327	0.076
T011326A_CC185154_R1	Benzene	7	T2600236.D	723.57	6130459	56.0	357862	1.326	0.075
						Avg:	362860	1.234	
						%RSD:	0.7%	11.3%	
T011326A_CC185154_R1	Toluene	1	T2600230.D	5.30	34996	65.7	380568	1.140	-0.2
T011326A_CC185154_R1	Toluene	2	T2600231.D	10.59	74928	65.7	383454	1.211	-0.15
T011326A_CC185154_R1	Toluene	3	T2600232.D	21.18	201846	65.7	388353	1.611	0.12
T011326A_CC185154_R1	Toluene	4	T2600233.D	42.37	362724	65.7	384584	1.462	0.02
T011326A_CC185154_R1	Toluene	5	T2600234.D	104.64	904683	65.7	382932	1.482	0.035
T011326A_CC185154_R1	Toluene	6	T2600235.D	211.84	1875794	65.7	385671	1.507	0.052
T011326A_CC185154_R1	Toluene	7	T2600236.D	635.51	5660920	65.7	381504	1.533	0.07
						Avg:	383609	1.433	
						%RSD:	0.7%	11.6%	
T011326A_CC185154_R1	Ethylbenzene	1	T2600230.D	5.50	40670	65.7	380568	1.275	-0.21
T011326A_CC185154_R1	Ethylbenzene	2	T2600231.D	11.01	90989	65.7	383454	1.415	-0.12
T011326A_CC185154_R1	Ethylbenzene	3	T2600232.D	22.02	239945	65.7	388353	1.842	0.14
T011326A_CC185154_R1	Ethylbenzene	4	T2600233.D	44.03	417907	65.7	384584	1.620	0.0025
T011326A_CC185154_R1	Ethylbenzene	5	T2600234.D	108.75	1072796	65.7	382932	1.691	0.046
T011326A_CC185154_R1	Ethylbenzene	6	T2600235.D	220.17	2127692	65.7	385671	1.645	0.018
T011326A_CC185154_R1	Ethylbenzene	7	T2600236.D	660.50	6668623	65.7	381504	1.738	0.075
						Avg:	383609	1.616	
						%RSD:	0.7%	11.4%	
T011326A_CC185154_R1	m-/p-Xylenes	1	T2600230.D	6.17	35662	65.7	380568	0.997	-0.22
T011326A_CC185154_R1	m-/p-Xylenes	2	T2600231.D	12.34	76395	65.7	383454	1.060	-0.17
T011326A_CC185154_R1	m-/p-Xylenes	3	T2600232.D	24.67	217295	65.7	388353	1.489	0.17
T011326A_CC185154_R1	m-/p-Xylenes	4	T2600233.D	49.35	371384	65.7	384584	1.285	0.0075
T011326A_CC185154_R1	m-/p-Xylenes	5	T2600234.D	121.88	956791	65.7	382932	1.346	0.055
T011326A_CC185154_R1	m-/p-Xylenes	6	T2600235.D	246.75	1903308	65.7	385671	1.313	0.03
T011326A_CC185154_R1	m-/p-Xylenes	7	T2600236.D	740.24	6104669	65.7	381504	1.419	0.11
						Avg:	383609	1.275	
						%RSD:	0.7%	13.1%	
T011326A_CC185154_R1	o-Xylene	1	T2600230.D	5.74	33825	65.7	380568	1.017	-0.21
T011326A_CC185154_R1	o-Xylene	2	T2600231.D	11.47	75805	65.7	383454	1.131	-0.12
T011326A_CC185154_R1	o-Xylene	3	T2600232.D	22.95	204658	65.7	388353	1.508	0.17
T011326A_CC185154_R1	o-Xylene	4	T2600233.D	45.89	351772	65.7	384584	1.309	0.015

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2026FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T011326A_CC185154_R1	o-Xylene	5	T2600234.D	113.35	891089	65.7	382932	1.348	0.045
T011326A_CC185154_R1	o-Xylene	6	T2600235.D	229.47	1773456	65.7	385671	1.316	0.02
T011326A_CC185154_R1	o-Xylene	7	T2600236.D	688.41	5571220	65.7	381504	1.393	0.08
						Avg:	383609	1.290	
						%RSD:	0.7%	11.8%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T011326A_CC185154_R1	Benzene	ICV	T2600237.D	449.70	3730248	56.0	364514	1.275	3.3%
T011326A_CC185154_R1	Toluene	ICV	T2600237.D	460.49	4060149	65.7	381805	1.516	5.8%
T011326A_CC185154_R1	Ethylbenzene	ICV	T2600237.D	455.30	4509276	65.7	381805	1.703	5.4%
T011326A_CC185154_R1	m-/p-Xylenes	ICV	T2600237.D	462.39	3474722	65.7	381805	1.292	1.3%
T011326A_CC185154_R1	o-Xylene	ICV	T2600237.D	463.27	3489972	65.7	381805	1.295	0.5%

M325B PDF Report ver.20260203

Sample Custody

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

ENTHALPY ANALYTICAL

2026FW201

Page #1 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	C33454	Sample	3/25/26	10:43 AM	4/8/26	11:19 AM	DTA/DTA		
5	B46821	Sample	3/25/26	10:47 AM	4/8/26	11:26 AM	DTA/DTA		
4	B49488	Sample	3/25/26	10:51 AM	4/8/26	11:35 AM	DTA/DTA		
3	C55332	Sample	3/25/26	10:55 AM	4/8/26	11:43 AM	DTA/DTA		
2	C35795	Sample	3/25/26	11:00 AM	4/8/26	11:49 AM	DTA/DTA		
1	C69436	Sample	3/25/26	11:03 AM	4/8/26	11:53 AM	DTA/DTA		
1	B19806	Blank	3/25/26	11:03 AM	4/8/26	11:53 AM	DTA/DTA		
13	C69735	Sample	3/25/26	11:07 AM	4/8/26	11:57 AM	DTA/DTA		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Dylan Arrigo		4/8/2026	1420
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Paige Grandman	Paige Grandman	4-9-26	9:30am
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 11.8 / Fluke3		**Add Custody Seal # below:** 25E08566	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

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

Page #2 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	C37506	Sample	3/25/26	11:14 AM	4/8/26	12:05 PM	DTA/DTA		
11	B45050	Sample	3/25/26	11:17 AM	4/8/26	12:10 PM	DTA/DTA		
10	C37432	Sample	3/25/26	11:24 AM	4/8/26	12:15 PM	DTA/DTA		
9	B51016	Sample	3/25/26	11:28 AM	4/8/26	12:19 PM	DTA/DTA		
8	C57803	Sample	3/25/26	11:32 AM	4/8/26	12:24 PM	DTA/DTA		
8	B50657	Duplicate	3/25/26	11:32 AM	4/8/26	12:24 PM	DTA/DTA		
7	B29730	Sample	3/25/26	11:36 AM	4/8/26	12:31 PM	DTA/DTA		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Dylan Arrigo		4/8/2026	1420
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Paige Grandman	Paige Grandman	4-9-26	9:50am
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 11.8 / Fluke 3		**Add Custody Seal # below:** 25608566	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

This Is The Last Page Of This Report.

ENTHALPY ANALYTICAL

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 4/23/2026

Analytical Report
2026FW202

EPA Method 325B Analysis

Report Issue Date: 5/4/2026

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:

Sarah Rhem
Project Management
Onterris
sarahrhem@onterris.com

Sarah Rhem, Project Manager
SarahRhem@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 15
Initial Calibration 64
Sample Custody 67
    Chain of Custody 68

Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW202-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Onterris/Enthalpy on April 23, 2026 at 11.4 °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
PPSP-6-S-20260408	C70513	Sample
PPSP-5-S-20260408	C55741	Sample
PPSP-4-S-20260408	C01634	Sample
PPSP-3-S-20260408	B48036	Sample
PPSP-2-S-20260408	C38551	Sample
PPSP-1-S-20260408	C01699	Sample
PPSP-1-B-20260408	C34147	Blank
PPSP-13-S-20260408	C70596	Sample
PPSP-12-S-20260408	C57575	Sample
PPSP-11-S-20260408	C43716	Sample
PPSP-10-S-20260408	C35704	Sample
PPSP-9-S-20260408	C24182	Sample
PPSP-8-S-20260408	C56830	Sample
PPSP-8-D-20260408	B48100	Duplicate
PPSP-7-S-20260408	C17176	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.

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.

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW202-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20260408 (tube ID C56830) and its corresponding duplicate PPSP-8-D-20260408 (tube ID B48100) failed to meet the 30% difference criterion for Benzene 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 Benzene 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: Power Engineers, Inc.
Job No.: 2026FW202-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260408	C70513	0.510	Pc	0.697			ND		ND		ND
PPSP-5-S-20260408	C55741	0.438	J,Pc	0.572			ND		ND		ND
PPSP-4-S-20260408	C01634	0.468	Pc	0.658			ND		ND		ND
PPSP-3-S-20260408	B48036	0.587	Pc	0.494	J		ND		ND		ND
PPSP-2-S-20260408	C38551	0.459	J,Pc	0.576			ND		ND		ND
PPSP-1-S-20260408	C01699	0.604	Pc	0.725			ND		ND		ND
PPSP-1-B-20260408	C34147		ND,Pc	0.303	J		ND		ND		ND
PPSP-13-S-20260408	C70596	0.538	Pc	0.582			ND		ND		ND
PPSP-12-S-20260408	C57575	0.464	Pc	0.560			ND		ND		ND
PPSP-11-S-20260408	C43716	0.447	J,Pc	0.664			ND		ND		ND
PPSP-10-S-20260408	C35704	0.719	Pc	0.735			ND		ND		ND
PPSP-9-S-20260408	C24182	0.600	Pc	0.679			ND		ND		ND
PPSP-8-S-20260408	C56830	0.500	Pc	0.584			ND		ND		ND
PPSP-8-D-20260408	B48100	0.687	Pc	0.615			ND		ND		ND
PPSP-7-S-20260408	C17176	0.442	J,Pc	0.598			ND		ND		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: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260408	C70513	0.510	0.160	6.65	45.2	0.650	20083	0.192	0.460	0.0600	0.144	Pc	M2601792.d	2026-04-26 01:36	0.978	8.088	30845	265496	56.0	8.031	-5.9%
PPSP-5-S-20260408	C55741	0.438	0.137	5.71	45.2	0.650	20083	0.192	0.460	0.0600	0.144	J,Pc	M2601793.d	2026-04-26 02:02	0.978	8.088	26697	267656	56.0	8.031	-5.2%
PPSP-4-S-20260408	C01634	0.468	0.146	6.10	45.2	0.650	20078	0.192	0.460	0.0600	0.144	Pc	M2601794.d	2026-04-26 02:29	0.978	8.095	28085	263708	56.0	8.031	-6.6%
PPSP-3-S-20260408	B48036	0.587	0.184	7.65	45.2	0.650	20075	0.192	0.460	0.0600	0.144	Pc	M2601795.d	2026-04-26 02:55	0.978	8.088	35703	267156	56.0	8.031	-5.4%
PPSP-2-S-20260408	C38551	0.459	0.144	5.99	45.2	0.650	20074	0.192	0.460	0.0600	0.144	J,Pc	M2601796.d	2026-04-26 03:21	0.978	8.088	27749	265288	56.0	8.031	-6.0%
PPSP-1-S-20260408	C01699	0.604	0.189	7.88	45.2	0.650	20074	0.192	0.460	0.0600	0.144	Pc	M2601797.d	2026-04-26 03:47	0.978	8.088	36314	264042	56.0	8.031	-6.5%
PPSP-1-B-20260408	C34147				45.2	0.650	20074	0.192	0.460	0.0600	0.144	ND,Pc	M2601791.d	2026-04-26 01:10	0.978	8.088	3595	262415	56.0	8.031	-7.0%
PPSP-13-S-20260408	C70596	0.538	0.169	7.02	45.2	0.650	20073	0.192	0.460	0.0600	0.144	Pc	M2601798.d	2026-04-26 04:13	0.978	8.088	32438	264536	56.0	8.031	-6.3%
PPSP-12-S-20260408	C57575	0.464	0.145	6.05	45.2	0.650	20071	0.192	0.460	0.0600	0.144	Pc	M2601799.d	2026-04-26 04:40	0.978	8.088	27822	263447	56.0	8.031	-6.7%
PPSP-11-S-20260408	C43716	0.447	0.140	5.82	45.2	0.650	20071	0.192	0.460	0.0600	0.144	J,Pc	M2601800.d	2026-04-26 05:06	0.978	8.088	26911	264648	56.0	8.031	-6.2%
PPSP-10-S-20260408	C35704	0.719	0.225	9.38	45.2	0.650	20070	0.192	0.460	0.0600	0.144	Pc	M2601802.d	2026-04-26 05:58	0.978	8.088	43367	264751	56.0	8.031	-6.2%
PPSP-9-S-20260408	C24182	0.600	0.188	7.82	45.2	0.650	20071	0.192	0.460	0.0600	0.144	Pc	M2601803.d	2026-04-26 06:24	0.978	8.095	35978	263500	56.0	8.038	-6.7%
PPSP-8-S-20260408	C56830	0.500	0.157	6.52	45.2	0.650	20071	0.192	0.460	0.0600	0.144	Pc	M2601804.d	2026-04-26 06:50	0.978	8.088	30246	265517	56.0	8.031	-5.9%
PPSP-8-D-20260408	B48100	0.687	0.215	8.96	45.2	0.650	20071	0.192	0.460	0.0600	0.144	Pc	M2601805.d	2026-04-26 07:17	0.978	8.088	41423	264846	56.0	8.031	-6.2%
PPSP-7-S-20260408	C17176	0.442	0.138	5.77	45.2	0.650	20069	0.192	0.460	0.0600	0.144	J,Pc	M2601806.d	2026-04-26 07:43	0.978	8.088	26745	265709	56.0	8.031	-5.9%

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
PPSP-6-S-20260408	C70513	0.697	0.185	7.06	45.2	0.504	20083	0.247	0.521	0.0655	0.138		M2601792.d	2026-04-26 01:36	1.209	10.810	35916	276269	65.7	10.717	-3.7%
PPSP-5-S-20260408	C55741	0.572	0.152	5.80	45.2	0.504	20083	0.247	0.521	0.0655	0.138		M2601793.d	2026-04-26 02:02	1.209	10.810	29664	277874	65.7	10.717	-3.1%
PPSP-4-S-20260408	C01634	0.658	0.175	6.67	45.2	0.504	20078	0.247	0.521	0.0656	0.138		M2601794.d	2026-04-26 02:29	1.209	10.810	33626	273999	65.7	10.717	-4.5%
PPSP-3-S-20260408	B48036	0.494	0.131	5.00	45.2	0.504	20075	0.247	0.521	0.0656	0.138	J	M2601795.d	2026-04-26 02:55	1.209	10.810	25474	276821	65.7	10.717	-3.5%
PPSP-2-S-20260408	C38551	0.576	0.153	5.83	45.2	0.504	20074	0.247	0.521	0.0656	0.138		M2601796.d	2026-04-26 03:21	1.209	10.810	29455	274464	65.7	10.717	-4.3%
PPSP-1-S-20260408	C01699	0.725	0.192	7.34	45.2	0.504	20074	0.247	0.521	0.0656	0.138		M2601797.d	2026-04-26 03:47	1.209	10.810	37214	275403	65.7	10.717	-4.0%
PPSP-1-B-20260408	C34147	0.303	0.0805	3.07	45.2	0.504	20074	0.247	0.521	0.0656	0.138	J	M2601791.d	2026-04-26 01:10	1.209	10.810	15660	277143	65.7	10.717	-3.4%
PPSP-13-S-20260408	C70596	0.582	0.155	5.89	45.2	0.504	20073	0.247	0.521	0.0656	0.138		M2601798.d	2026-04-26 04:13	1.209	10.810	29644	273302	65.7	10.717	-4.7%
PPSP-12-S-20260408	C57575	0.560	0.149	5.67	45.2	0.504	20071	0.247	0.521	0.0656	0.138		M2601799.d	2026-04-26 04:40	1.209	10.810	28320	271501	65.7	10.717	-5.4%
PPSP-11-S-20260408	C43716	0.664	0.176	6.72	45.2	0.504	20071	0.247	0.521	0.0656	0.138		M2601800.d	2026-04-26 05:06	1.209	10.810	33762	273010	65.7	10.717	-4.8%
PPSP-10-S-20260408	C35704	0.735	0.195	7.44	45.2	0.504	20070	0.247	0.521	0.0656	0.138		M2601802.d	2026-04-26 05:58	1.209	10.810	37223	271817	65.7	10.717	-5.2%
PPSP-9-S-20260408	C24182	0.679	0.180	6.88	45.2	0.504	20071	0.247	0.521	0.0656	0.138		M2601803.d	2026-04-26 06:24	1.209	10.817	35534	280611	65.7	10.717	-2.2%
PPSP-8-S-20260408	C56830	0.584	0.155	5.91	45.2	0.504	20071	0.247	0.521	0.0656	0.138		M2601804.d	2026-04-26 06:50	1.209	10.810	29781	273764	65.7	10.717	-4.6%
PPSP-8-D-20260408	B48100	0.615	0.163	6.22	45.2	0.504	20071	0.247	0.521	0.0656	0.138		M2601805.d	2026-04-26 07:17	1.209	10.810	31304	273242	65.7	10.717	-4.8%
PPSP-7-S-20260408	C17176	0.598	0.159	6.05	45.2	0.504	20069	0.247	0.521	0.0656	0.138		M2601806.d	2026-04-26 07:43	1.209	10.810	30803	276511	65.7	10.717	-3.6%

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
PPSP-6-S-20260408	C70513				45.2	0.446	20083	0.279	0.612	0.0643	0.141	ND	M2601792.d	2026-04-26 01:36	1.229	13.002	3467	276269	65.7	10.717	-3.7%
PPSP-5-S-20260408	C55741				45.2	0.446	20083	0.279	0.612	0.0643	0.141	ND	M2601793.d	2026-04-26 02:02	1.229	12.995	2756	277874	65.7	10.717	-3.1%
PPSP-4-S-20260408	C01634				45.2	0.446	20078	0.279	0.612	0.0643	0.141	ND	M2601794.d	2026-04-26 02:29	1.229	12.995	3296	273999	65.7	10.717	-4.5%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260408	B48036				45.2	0.446	20075	0.279	0.612	0.0643	0.141	ND	M2601795.d	2026-04-26 02:55	1.229	12.995	2484	276821	65.7	10.717	-3.5%
PPSP-2-S-20260408	C38551				45.2	0.446	20074	0.279	0.612	0.0643	0.141	ND	M2601796.d	2026-04-26 03:21	1.229	12.995	3573	274464	65.7	10.717	-4.3%
PPSP-1-S-20260408	C01699				45.2	0.446	20074	0.279	0.612	0.0643	0.141	ND	M2601797.d	2026-04-26 03:47	1.229	12.995	3108	275403	65.7	10.717	-4.0%
PPSP-1-B-20260408	C34147				45.2	0.446	20074	0.279	0.612	0.0643	0.141	ND	M2601791.d	2026-04-26 01:10	1.229	12.995	2402	277143	65.7	10.717	-3.4%
PPSP-13-S-20260408	C70596				45.2	0.446	20073	0.279	0.612	0.0643	0.141	ND	M2601798.d	2026-04-26 04:13	1.229	12.995	2703	273302	65.7	10.717	-4.7%
PPSP-12-S-20260408	C57575				45.2	0.446	20071	0.279	0.612	0.0643	0.141	ND	M2601799.d	2026-04-26 04:40	1.229	13.002	2794	271501	65.7	10.717	-5.4%
PPSP-11-S-20260408	C43716				45.2	0.446	20071	0.279	0.612	0.0643	0.141	ND	M2601800.d	2026-04-26 05:06	1.229	12.995	2956	273010	65.7	10.717	-4.8%
PPSP-10-S-20260408	C35704				45.2	0.446	20070	0.279	0.612	0.0643	0.141	ND	M2601802.d	2026-04-26 05:58	1.229	12.995	4625	271817	65.7	10.717	-5.2%
PPSP-9-S-20260408	C24182				45.2	0.446	20071	0.279	0.612	0.0643	0.141	ND	M2601803.d	2026-04-26 06:24	1.229	12.995	3814	280611	65.7	10.717	-2.2%
PPSP-8-S-20260408	C56830				45.2	0.446	20071	0.279	0.612	0.0643	0.141	ND	M2601804.d	2026-04-26 06:50	1.229	12.995	3026	273764	65.7	10.717	-4.6%
PPSP-8-D-20260408	B48100				45.2	0.446	20071	0.279	0.612	0.0643	0.141	ND	M2601805.d	2026-04-26 07:17	1.229	12.995	2513	273242	65.7	10.717	-4.8%
PPSP-7-S-20260408	C17176				45.2	0.446	20069	0.279	0.612	0.0643	0.141	ND	M2601806.d	2026-04-26 07:43	1.229	13.002	3792	276511	65.7	10.717	-3.6%

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
PPSP-6-S-20260408	C70513				45.2	0.446	20083	0.279	0.685	0.0643	0.158	ND	M2601792.d	2026-04-26 01:36	1.030	13.174	7481	276269	65.7	10.717	-3.7%
PPSP-5-S-20260408	C55741				45.2	0.446	20083	0.279	0.685	0.0643	0.158	ND	M2601793.d	2026-04-26 02:02	1.030	13.174	5327	277874	65.7	10.717	-3.1%
PPSP-4-S-20260408	C01634				45.2	0.446	20078	0.279	0.686	0.0643	0.158	ND	M2601794.d	2026-04-26 02:29	1.030	13.174	4997	273999	65.7	10.717	-4.5%
PPSP-3-S-20260408	B48036				45.2	0.446	20075	0.279	0.686	0.0643	0.158	ND	M2601795.d	2026-04-26 02:55	1.030	13.174	3867	276821	65.7	10.717	-3.5%
PPSP-2-S-20260408	C38551				45.2	0.446	20074	0.279	0.686	0.0643	0.158	ND	M2601796.d	2026-04-26 03:21	1.030	13.174	4776	274464	65.7	10.717	-4.3%
PPSP-1-S-20260408	C01699				45.2	0.446	20074	0.279	0.686	0.0643	0.158	ND	M2601797.d	2026-04-26 03:47	1.030	13.174	4745	275403	65.7	10.717	-4.0%
PPSP-1-B-20260408	C34147				45.2	0.446	20074	0.279	0.686	0.0643	0.158	ND	M2601791.d	2026-04-26 01:10	1.030	13.181	638	277143	65.7	10.717	-3.4%
PPSP-13-S-20260408	C70596				45.2	0.446	20073	0.279	0.686	0.0643	0.158	ND	M2601798.d	2026-04-26 04:13	1.030	13.174	4944	273302	65.7	10.717	-4.7%
PPSP-12-S-20260408	C57575				45.2	0.446	20071	0.279	0.686	0.0643	0.158	ND	M2601799.d	2026-04-26 04:40	1.030	13.174	4577	271501	65.7	10.717	-5.4%
PPSP-11-S-20260408	C43716				45.2	0.446	20071	0.279	0.686	0.0643	0.158	ND	M2601800.d	2026-04-26 05:06	1.030	13.174	6252	273010	65.7	10.717	-4.8%
PPSP-10-S-20260408	C35704				45.2	0.446	20070	0.279	0.686	0.0643	0.158	ND	M2601802.d	2026-04-26 05:58	1.030	13.174	6185	271817	65.7	10.717	-5.2%
PPSP-9-S-20260408	C24182				45.2	0.446	20071	0.279	0.686	0.0643	0.158	ND	M2601803.d	2026-04-26 06:24	1.030	13.174	6402	280611	65.7	10.717	-2.2%
PPSP-8-S-20260408	C56830				45.2	0.446	20071	0.279	0.686	0.0643	0.158	ND	M2601804.d	2026-04-26 06:50	1.030	13.174	5228	273764	65.7	10.717	-4.6%
PPSP-8-D-20260408	B48100				45.2	0.446	20071	0.279	0.686	0.0643	0.158	ND	M2601805.d	2026-04-26 07:17	1.030	13.174	3661	273242	65.7	10.717	-4.8%
PPSP-7-S-20260408	C17176				45.2	0.446	20069	0.279	0.686	0.0643	0.158	ND	M2601806.d	2026-04-26 07:43	1.030	13.174	5066	276511	65.7	10.717	-3.6%

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
PPSP-6-S-20260408	C70513				45.2	0.446	20083	0.279	0.637	0.0643	0.147	ND	M2601792.d	2026-04-26 01:36	1.000	13.676	2779	276269	65.7	10.717	-3.7%
PPSP-5-S-20260408	C55741				45.2	0.446	20083	0.279	0.637	0.0643	0.147	ND	M2601793.d	2026-04-26 02:02	1.000	13.675	1981	277874	65.7	10.717	-3.1%
PPSP-4-S-20260408	C01634				45.2	0.446	20078	0.279	0.638	0.0643	0.147	ND	M2601794.d	2026-04-26 02:29	1.000	13.676	1941	273999	65.7	10.717	-4.5%
PPSP-3-S-20260408	B48036				45.2	0.446	20075	0.279	0.638	0.0643	0.147	ND	M2601795.d	2026-04-26 02:55	1.000	13.675	1508	276821	65.7	10.717	-3.5%
PPSP-2-S-20260408	C38551				45.2	0.446	20074	0.279	0.638	0.0643	0.147	ND	M2601796.d	2026-04-26 03:21	1.000	13.675	2009	274464	65.7	10.717	-4.3%
PPSP-1-S-20260408	C01699				45.2	0.446	20074	0.279	0.638	0.0643	0.147	ND	M2601797.d	2026-04-26 03:47	1.000	13.676	1800	275403	65.7	10.717	-4.0%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260408	C34147				45.2	0.446	20074	0.279	0.638	0.0643	0.147	ND	M2601791.d	2026-04-26 01:10	1.000	13.675	437	277143	65.7	10.717	-3.4%
PPSP-13-S-20260408	C70596				45.2	0.446	20073	0.279	0.638	0.0643	0.147	ND	M2601798.d	2026-04-26 04:13	1.000	13.675	1727	273302	65.7	10.717	-4.7%
PPSP-12-S-20260408	C57575				45.2	0.446	20071	0.279	0.638	0.0643	0.147	ND	M2601799.d	2026-04-26 04:40	1.000	13.675	1677	271501	65.7	10.717	-5.4%
PPSP-11-S-20260408	C43716				45.2	0.446	20071	0.279	0.638	0.0643	0.147	ND	M2601800.d	2026-04-26 05:06	1.000	13.675	2272	273010	65.7	10.717	-4.8%
PPSP-10-S-20260408	C35704				45.2	0.446	20070	0.279	0.638	0.0643	0.147	ND	M2601802.d	2026-04-26 05:58	1.000	13.675	2514	271817	65.7	10.717	-5.2%
PPSP-9-S-20260408	C24182				45.2	0.446	20071	0.279	0.638	0.0643	0.147	ND	M2601803.d	2026-04-26 06:24	1.000	13.675	2403	280611	65.7	10.717	-2.2%
PPSP-8-S-20260408	C56830				45.2	0.446	20071	0.279	0.638	0.0643	0.147	ND	M2601804.d	2026-04-26 06:50	1.000	13.675	1898	273764	65.7	10.717	-4.6%
PPSP-8-D-20260408	B48100				45.2	0.446	20071	0.279	0.638	0.0643	0.147	ND	M2601805.d	2026-04-26 07:17	1.000	13.675	1506	273242	65.7	10.717	-4.8%
PPSP-7-S-20260408	C17176				45.2	0.446	20069	0.279	0.638	0.0643	0.147	ND	M2601806.d	2026-04-26 07:43	1.000	13.675	1993	276511	65.7	10.717	-3.6%

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: Power Engineers, Inc.
Job No.: 2026FW202-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260408	ND	Pass	0.303	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260408	31%	Fail	5.2%	Pass	ND	Pass	ND	Pass	ND	Pass

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	M2601759.d	C24267	Cal	0.978	1.030	0.978	-5.1%	-25%		Pass	
M325B CCV 5	M2601789.d	C43684	Check	0.993	1.030	0.978	-3.7%		-5.8%	Pass	
2026FW202 Method Blank-1	M2601790.d	C40182	Blank		1.030	0.978			-5.2%	Pass	ND
M325B CCV 5	M2601801.d	C55685	Check	1.001	1.030	0.978	-2.9%		-6.8%	Pass	
M325B CCV 5	M2601807.d	B50590	Check	0.997	1.030	0.978	-3.3%		-6.5%	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	M2601759.d	C24267	Cal	1.209	1.234	1.209	-2.0%	-28%		Pass	
M325B CCV 5	M2601789.d	C43684	Check	1.180	1.234	1.209	-4.3%		-3.0%	Pass	
2026FW202 Method Blank-1	M2601790.d	C40182	Blank		1.234	1.209			-1.9%	Pass	ND
M325B CCV 5	M2601801.d	C55685	Check	1.225	1.234	1.209	-0.71%		-3.2%	Pass	
M325B CCV 5	M2601807.d	B50590	Check	1.222	1.234	1.209	-0.98%		-3.4%	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	M2601759.d	C24267	Cal	1.229	1.420	1.229	-13%	-28%		Pass	
M325B CCV 5	M2601789.d	C43684	Check	1.254	1.420	1.229	-12%		-3.0%	Pass	
2026FW202 Method Blank-1	M2601790.d	C40182	Blank		1.420	1.229			-1.9%	Pass	ND
M325B CCV 5	M2601801.d	C55685	Check	1.249	1.420	1.229	-12%		-3.2%	Pass	
M325B CCV 5	M2601807.d	B50590	Check	1.307	1.420	1.229	-7.9%		-3.4%	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	M2601759.d	C24267	Cal	1.030	1.183	1.030	-13%	-28%		Pass	
M325B CCV 5	M2601789.d	C43684	Check	1.032	1.183	1.030	-13%		-3.0%	Pass	
2026FW202 Method Blank-1	M2601790.d	C40182	Blank		1.183	1.030			-1.9%	Pass	ND
M325B CCV 5	M2601801.d	C55685	Check	0.984	1.183	1.030	-17%		-3.2%	Pass	
M325B CCV 5	M2601807.d	B50590	Check	1.035	1.183	1.030	-13%		-3.4%	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	M2601759.d	C24267	Cal	1.000	1.183	1.000	-16%	-28%		Pass	
M325B CCV 5	M2601789.d	C43684	Check	0.951	1.183	1.000	-20%		-3.0%	Pass	
2026FW202 Method Blank-1	M2601790.d	C40182	Blank		1.183	1.000			-1.9%	Pass	ND

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

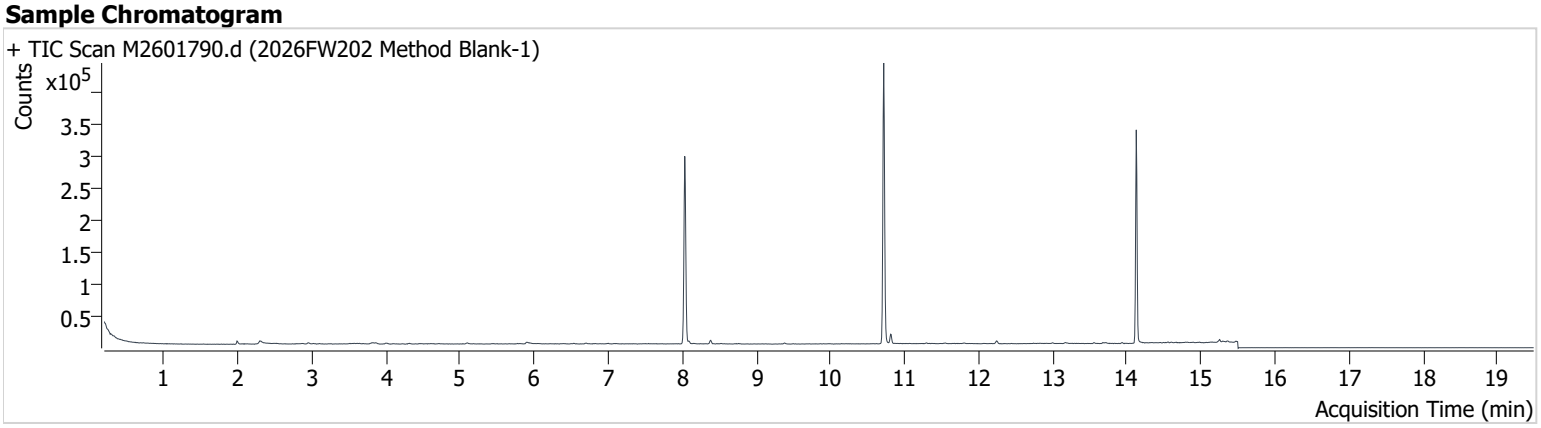
o-Xylene Calibration and Blanks

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	M2601801.d	C55685	Check	0.983	1.183	1.000	-17%		-3.2%	Pass	
M325B CCV 5	M2601807.d	B50590	Check	1.037	1.183	1.000	-12%		-3.4%	Pass	

Chromatograms

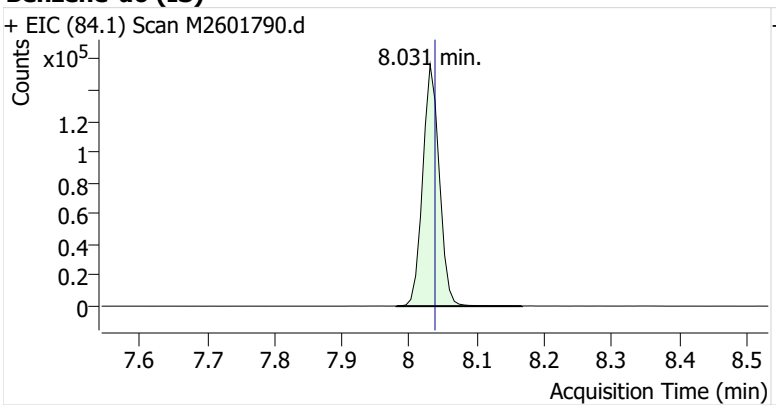
Name	2026FW202 Method Blank-1
Comment	C40182
Data File	M2601790.d
Acq. Date-Time	4/26/2026 12:44:11 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

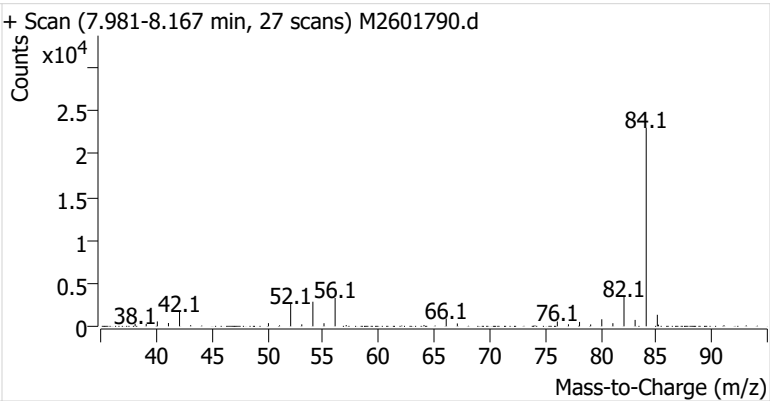
Sample Chromatogram



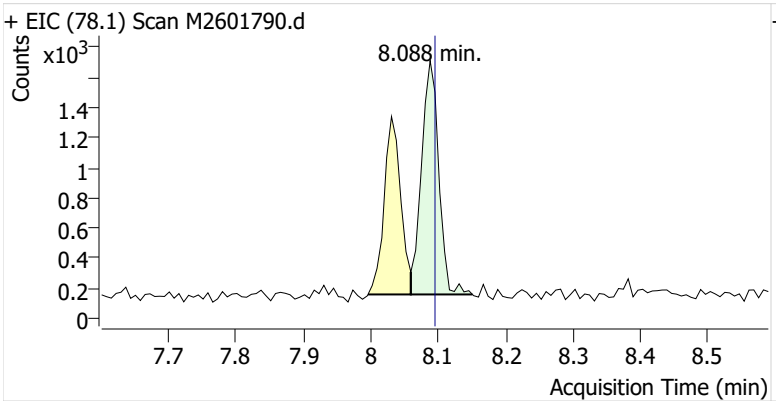
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	267,503	
Benzene	Benzene-d6 (IS)	8.088	8.095	2,749	
Toluene-d8 (IS)		10.717	10.724	281,527	
Toluene	Toluene-d8 (IS)	10.810	10.817	10,261	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	752	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	860	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	486	

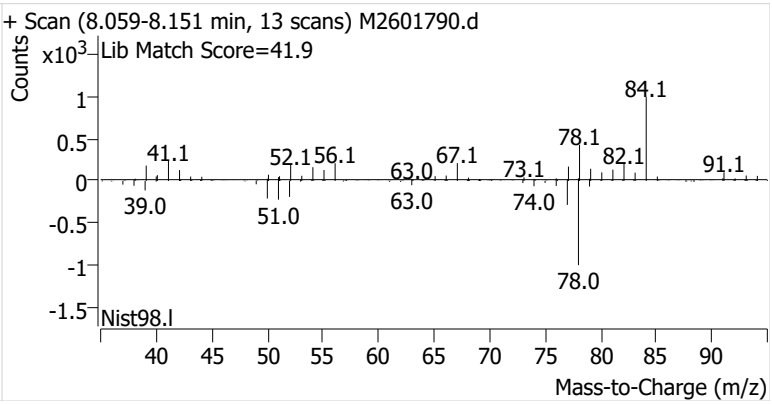
Benzene-d6 (IS)



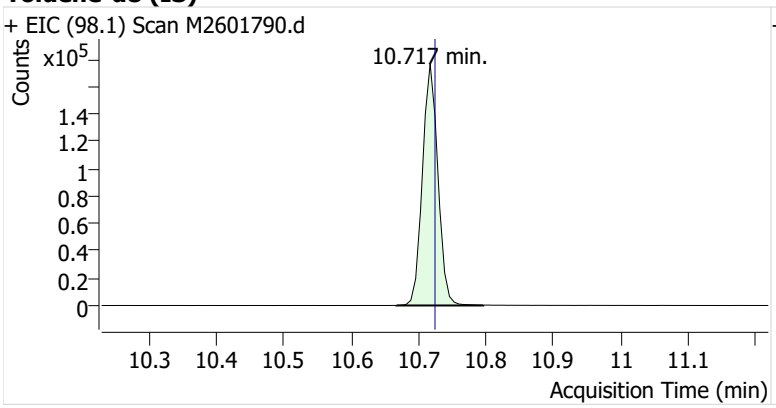


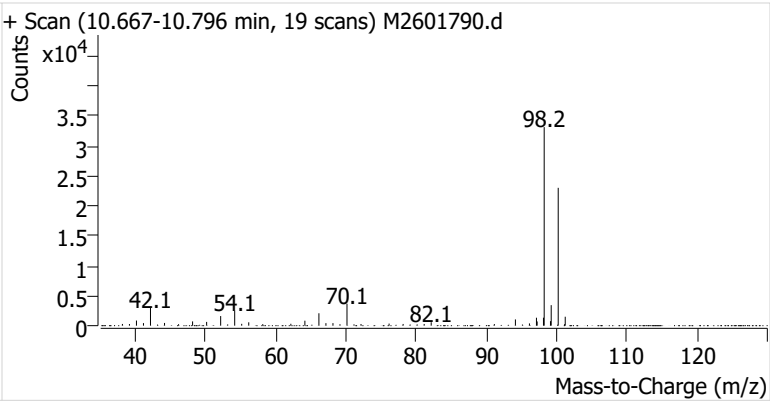
Benzene



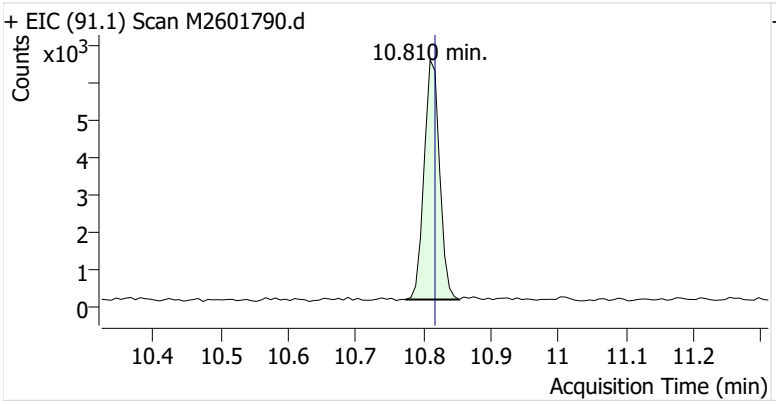


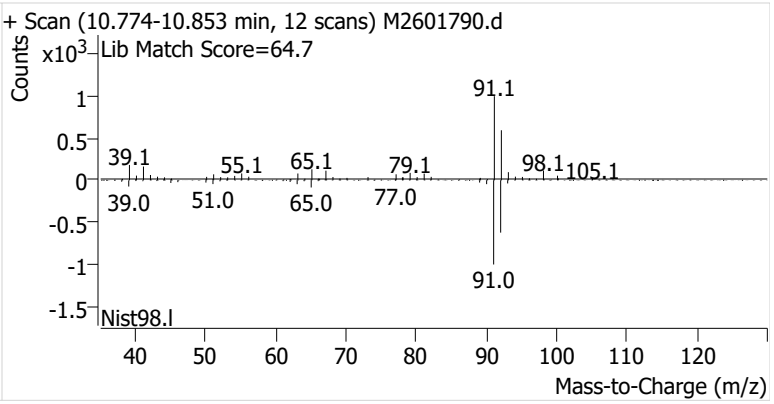
Toluene-d8 (IS)



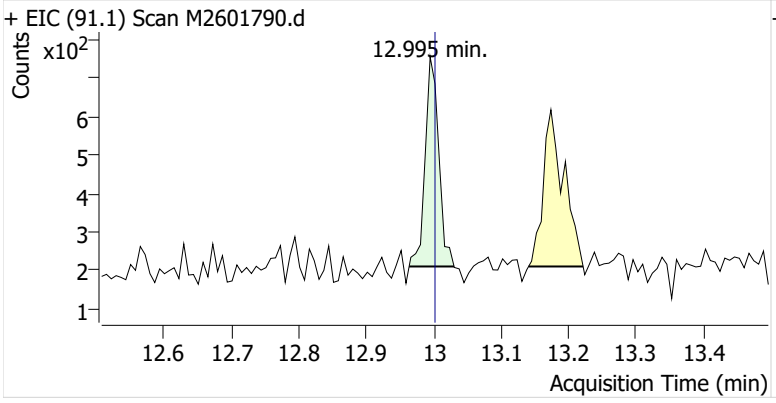


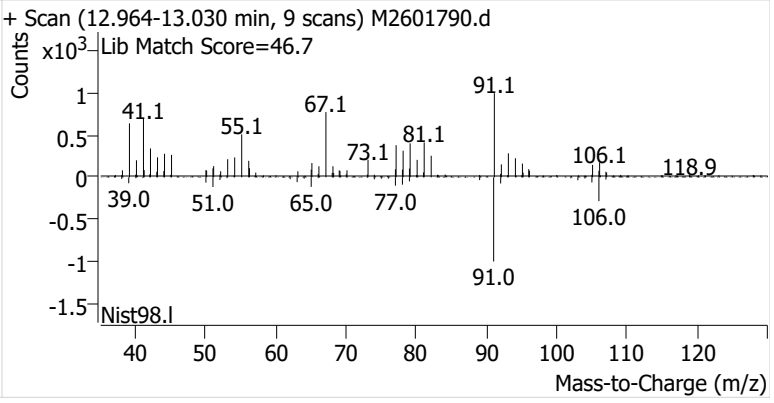
Toluene



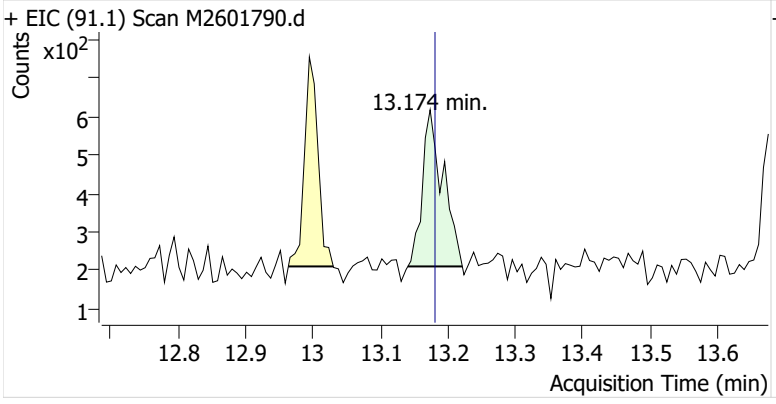


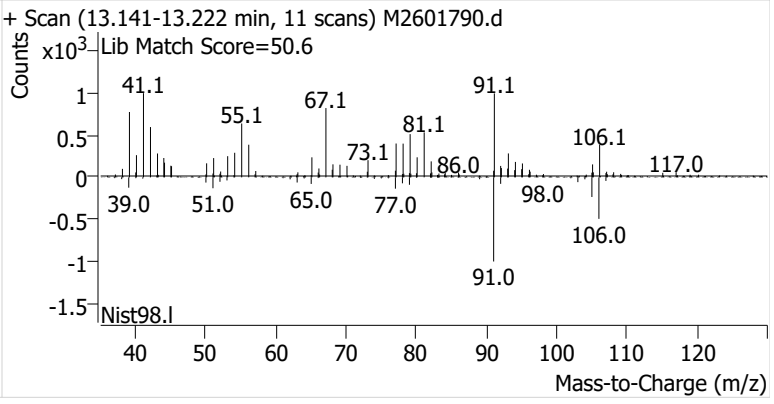
Ethylbenzene



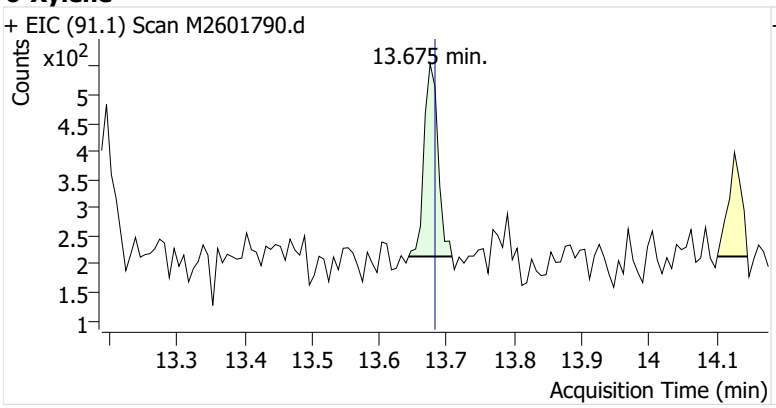


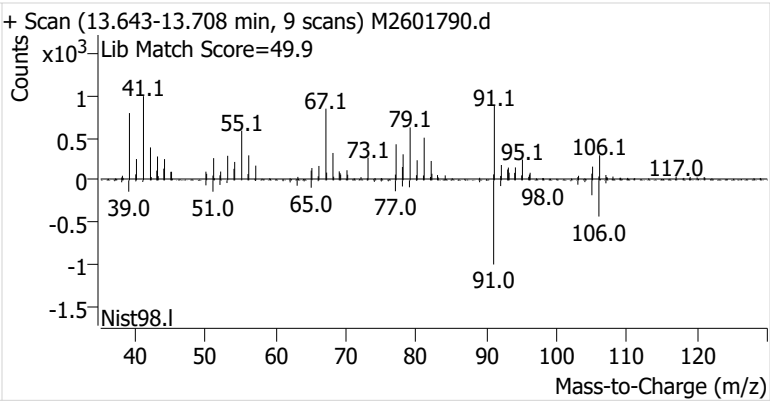
m-/p-Xylenes





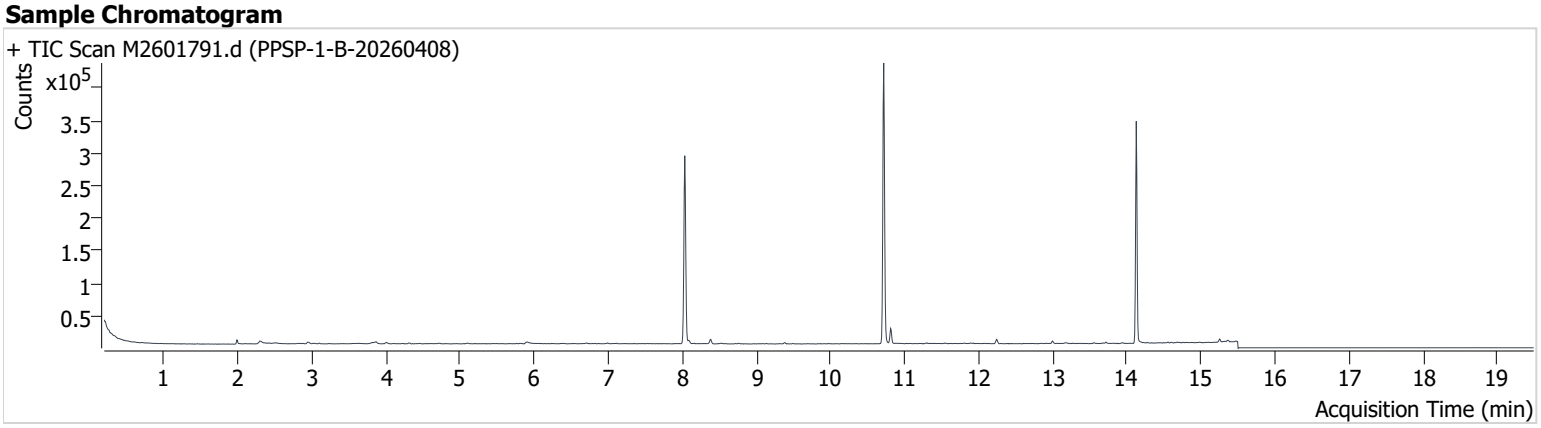
o-Xylene


+ EIC (91.1) Scan M2601790.d
Counts
x10^2
13.675 min.
Acquisition Time (min)


+ Scan (13.643-13.708 min, 9 scans) M2601790.d
Lib Match Score=49.9
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

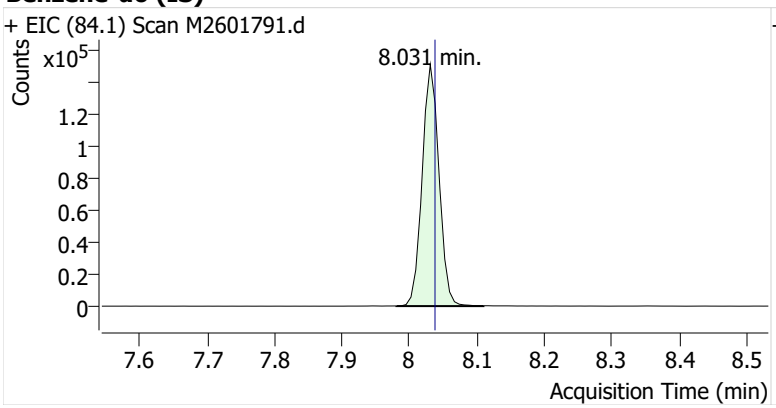
Name	PPSP-1-B-20260408
Comment	C34147
Data File	M2601791.d
Acq. Date-Time	4/26/2026 1:10:15 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

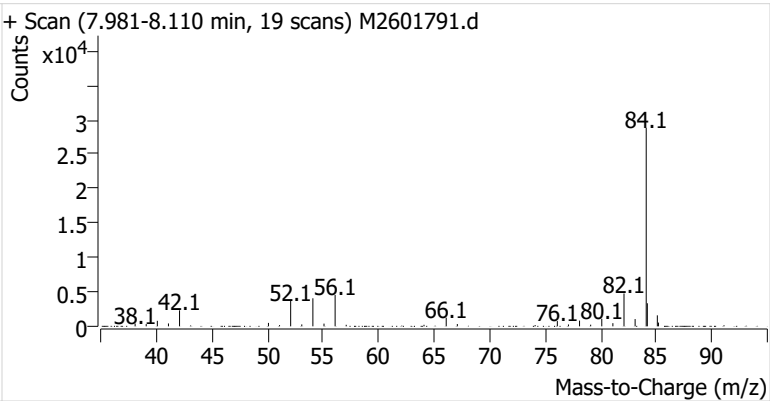
Sample Chromatogram



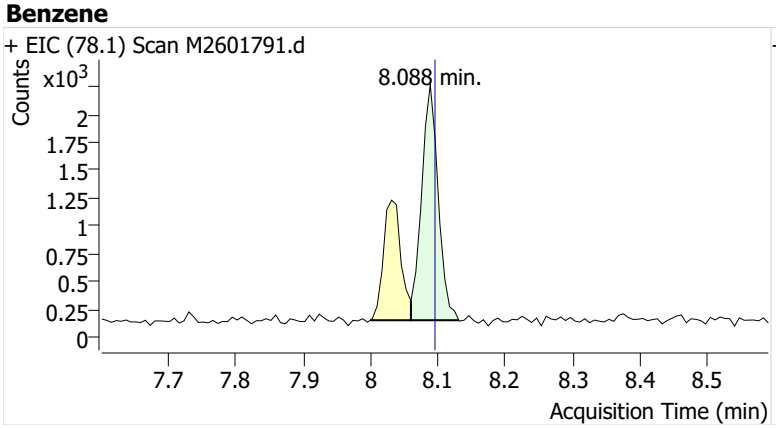
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	262,415	
Benzene	Benzene-d6 (IS)	8.088	8.095	3,595	
Toluene-d8 (IS)		10.717	10.724	277,143	
Toluene	Toluene-d8 (IS)	10.810	10.817	15,660	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,402	
m-/p-Xylenes	Toluene-d8 (IS)	13.181	13.181	638	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	437	

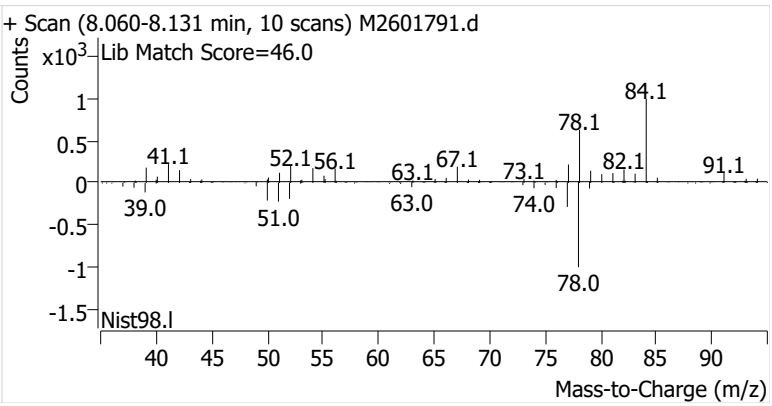
Benzene-d6 (IS)



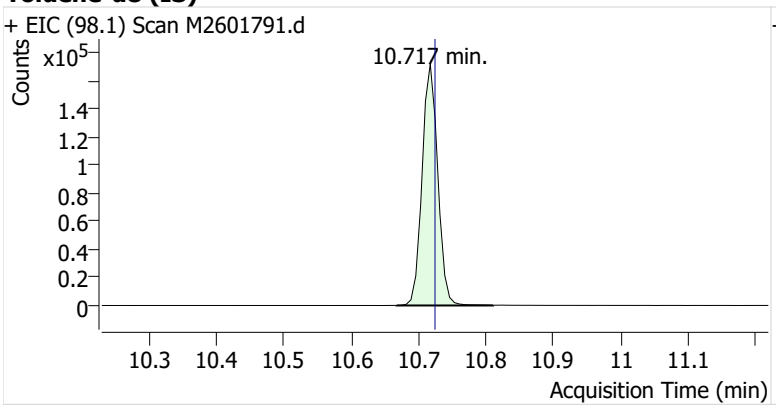


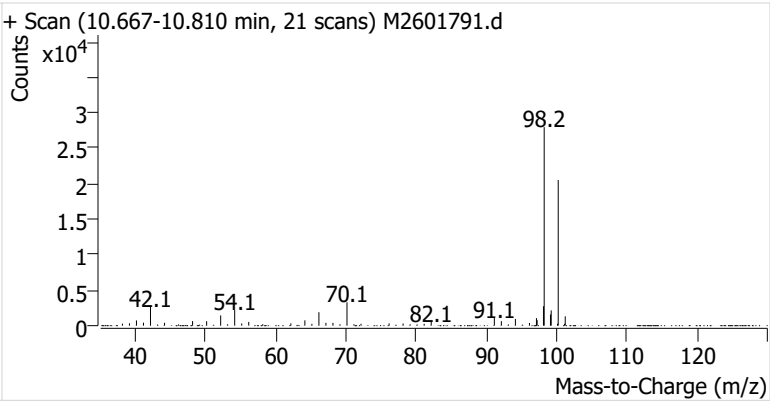
Benzene



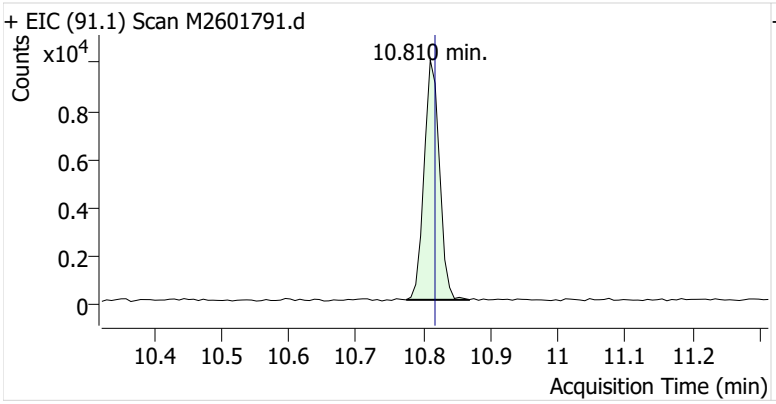


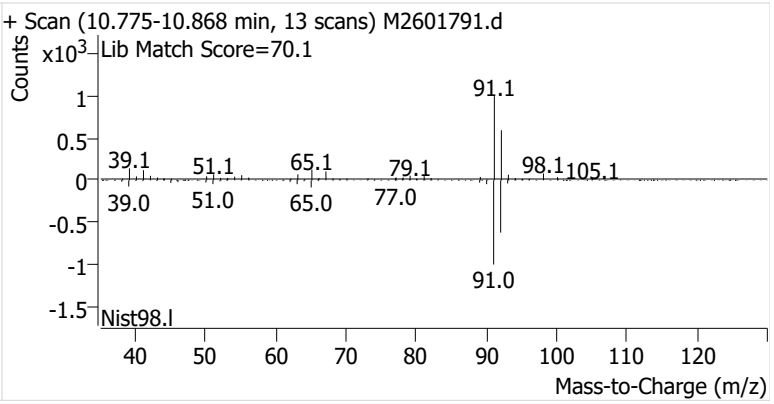
Toluene-d8 (IS)



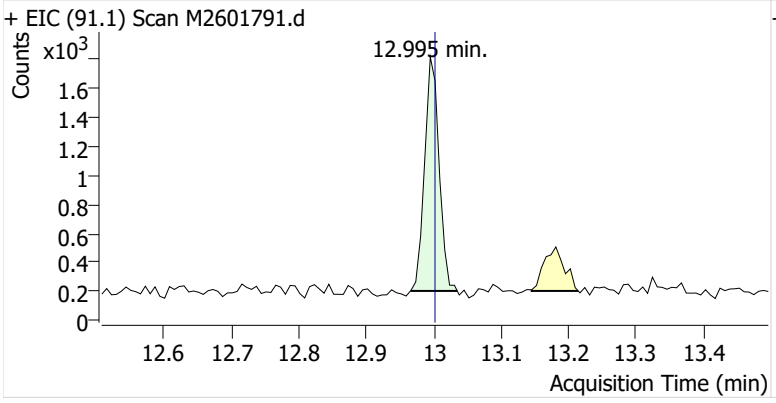


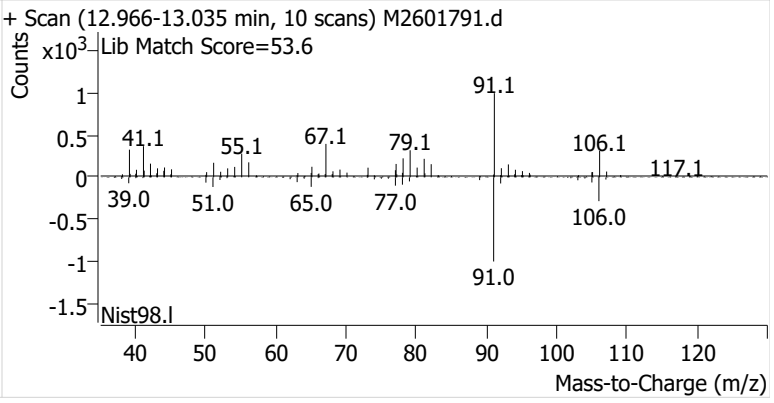
Toluene



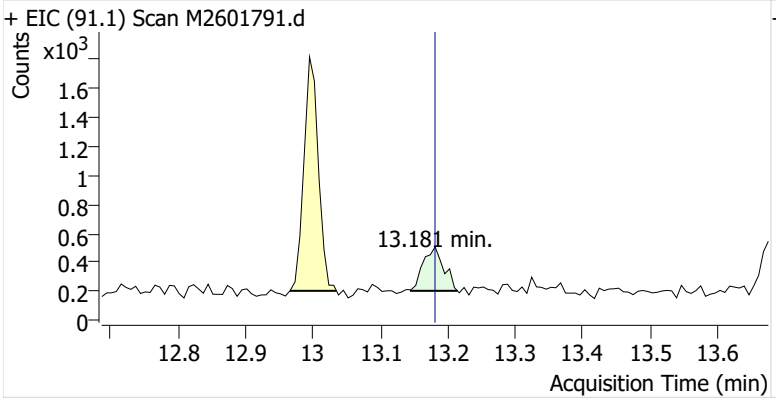


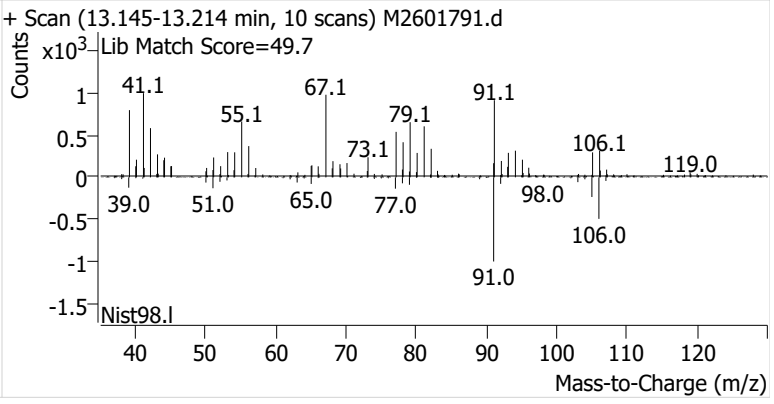
Ethylbenzene



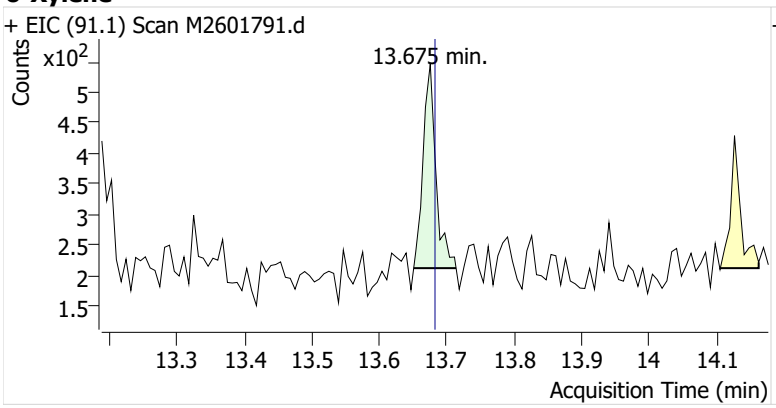


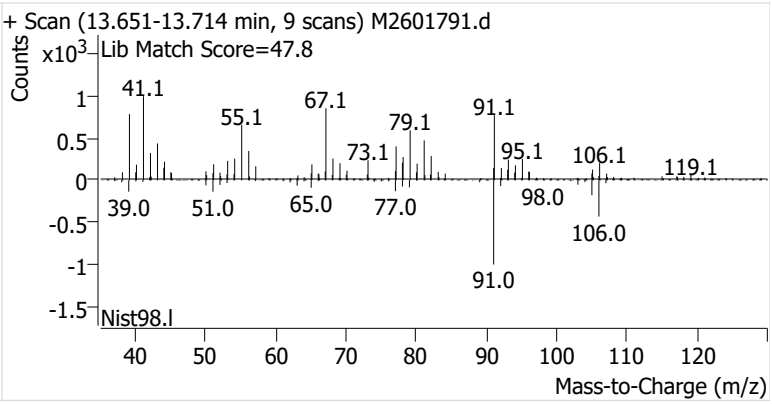
m-/p-Xylenes





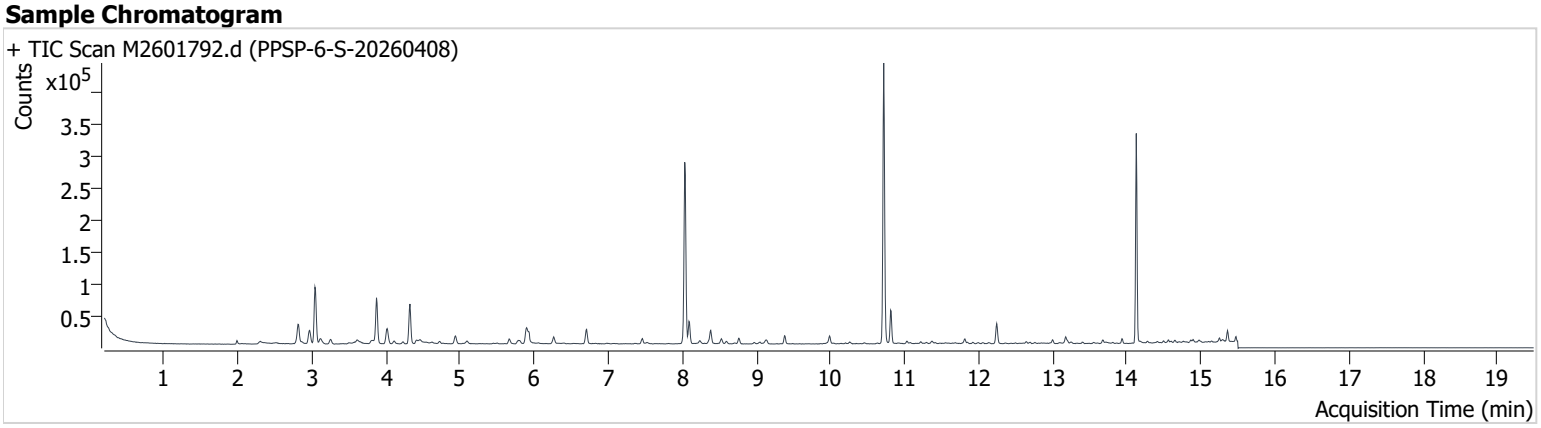
o-Xylene


+ EIC (91.1) Scan M2601791.d
Counts
x10^2
13.675 min.
5
4.5
4
3.5
3
2.5
2
1.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.651-13.714 min, 9 scans) M2601791.d
Counts
x10^3
Lib Match Score=47.8
41.1
55.1
67.1
79.1
73.1
91.1
95.1
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)

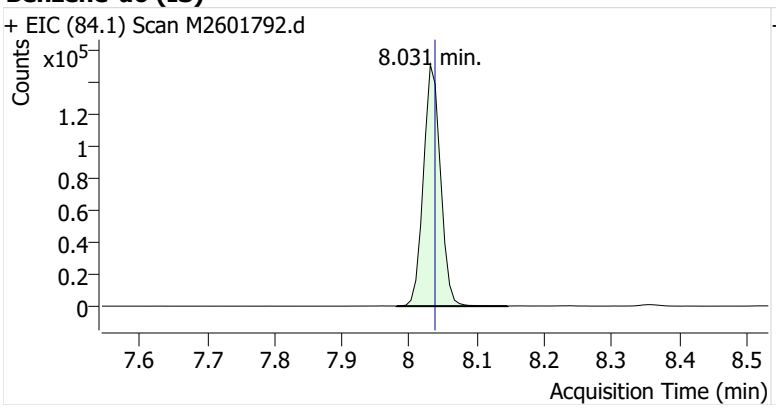
Name	PPSP-6-S-20260408
Comment	C70513
Data File	M2601792.d
Acq. Date-Time	4/26/2026 1:36:51 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

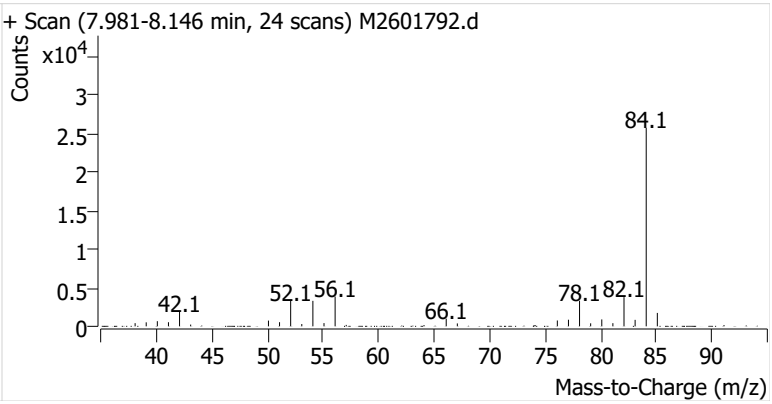
Sample Chromatogram



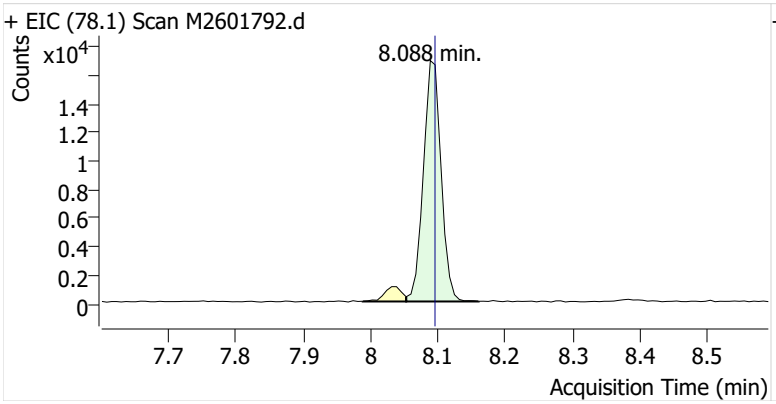
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	265,496	
Benzene	Benzene-d6 (IS)	8.088	8.095	30,845	
Toluene-d8 (IS)		10.717	10.724	276,269	
Toluene	Toluene-d8 (IS)	10.810	10.817	35,916	
Ethylbenzene	Toluene-d8 (IS)	13.002	13.002	3,467	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	7,481	
o-Xylene	Toluene-d8 (IS)	13.676	13.682	2,779	

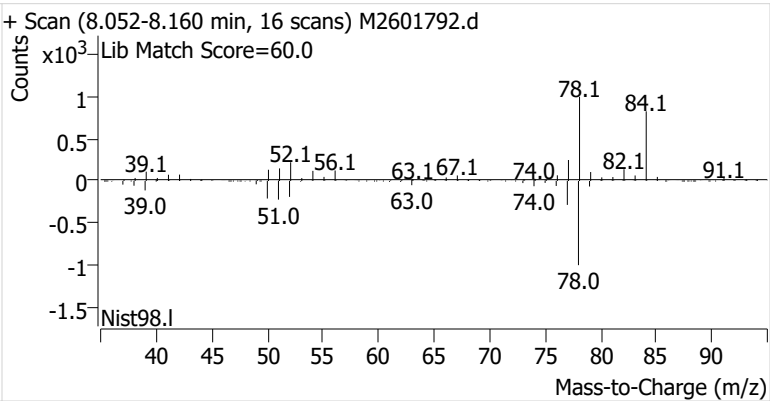
Benzene-d6 (IS)



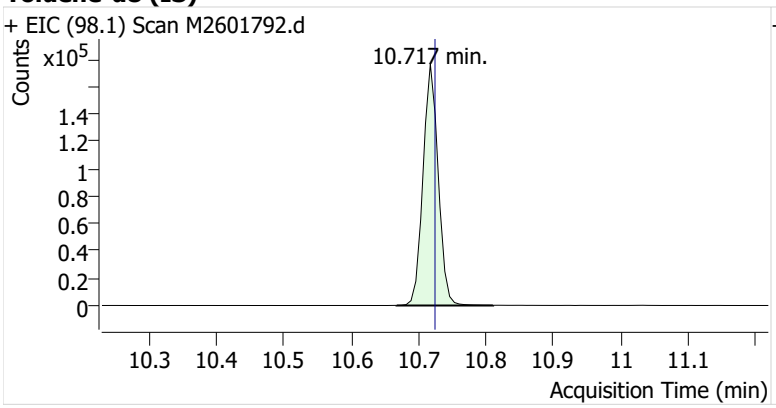


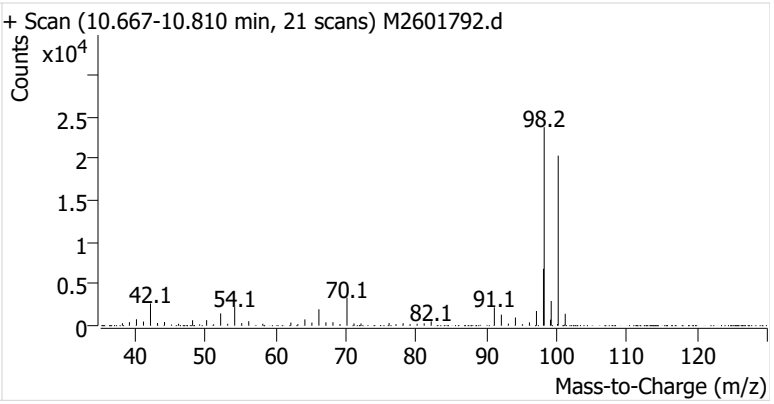
Benzene



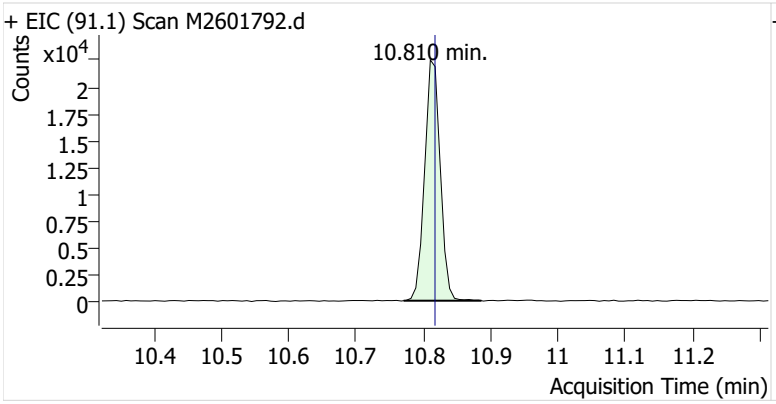


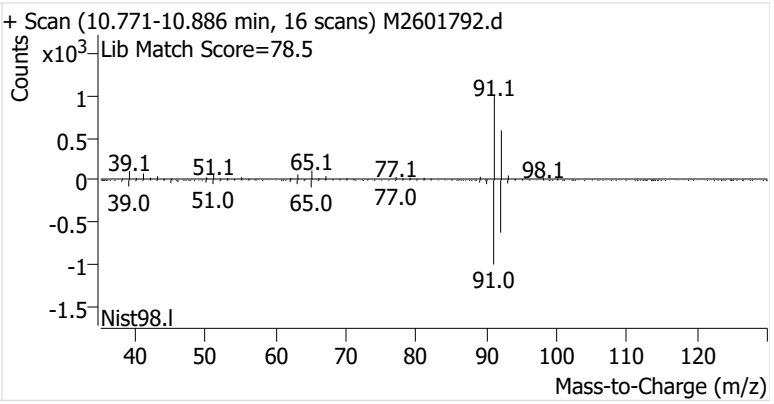
Toluene-d8 (IS)



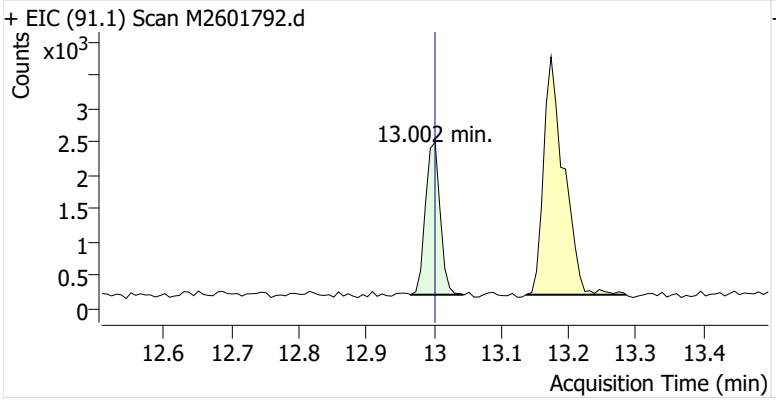


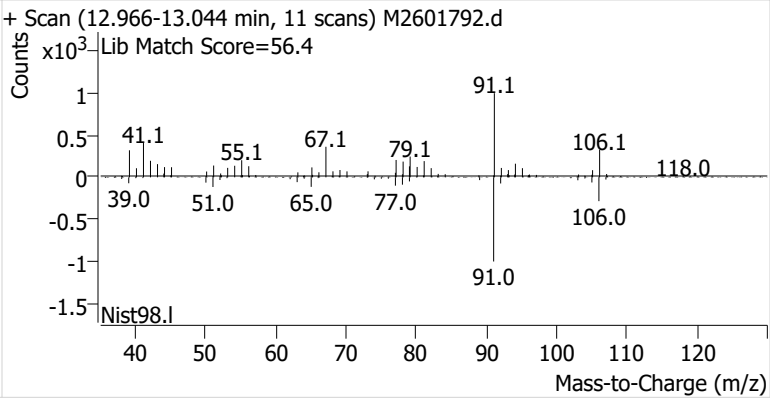
Toluene



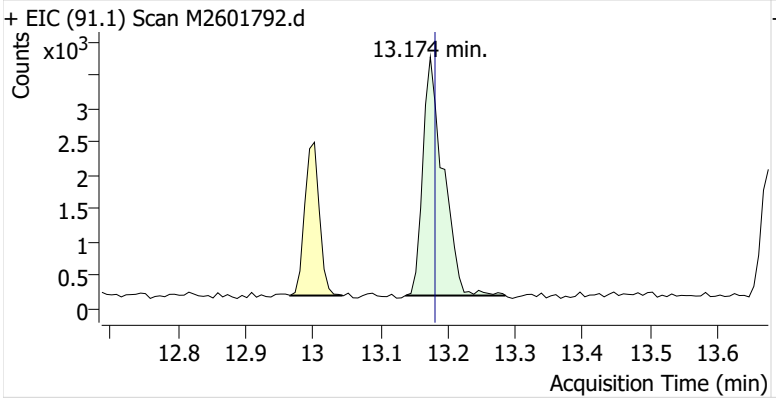


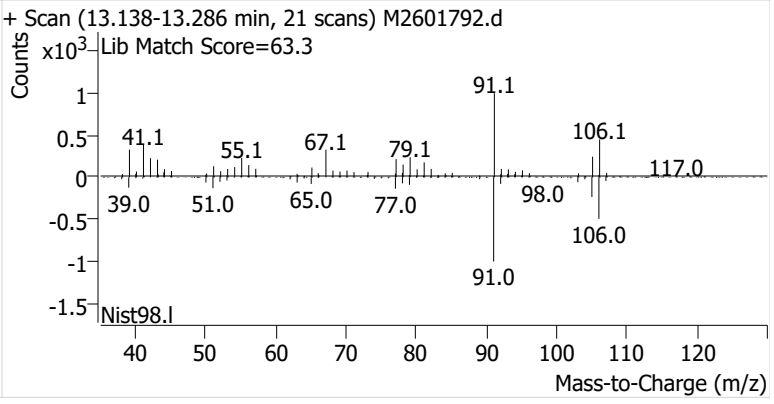
Ethylbenzene



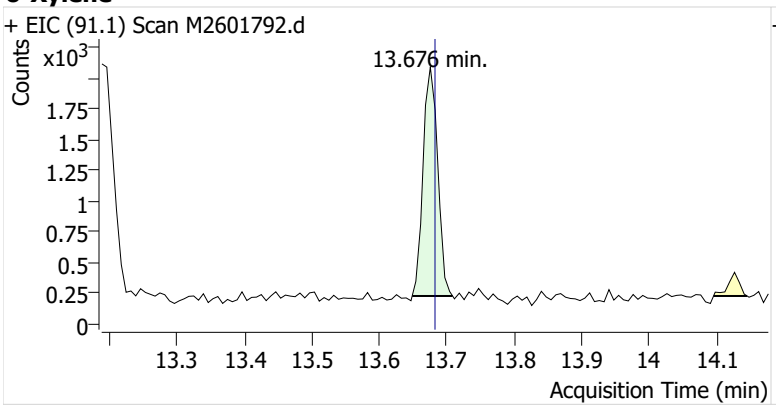


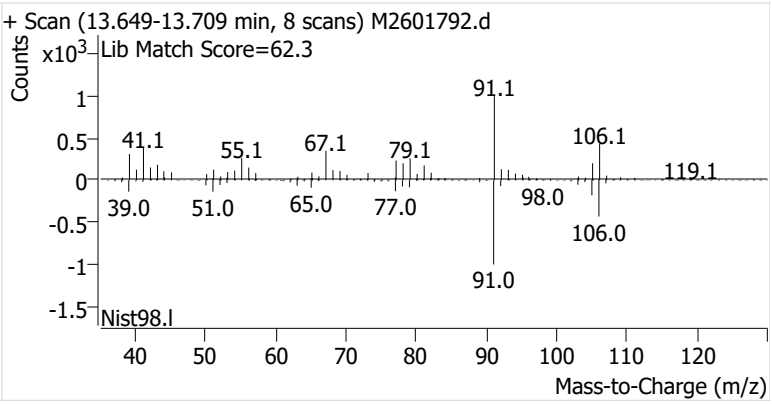
m-/p-Xylenes





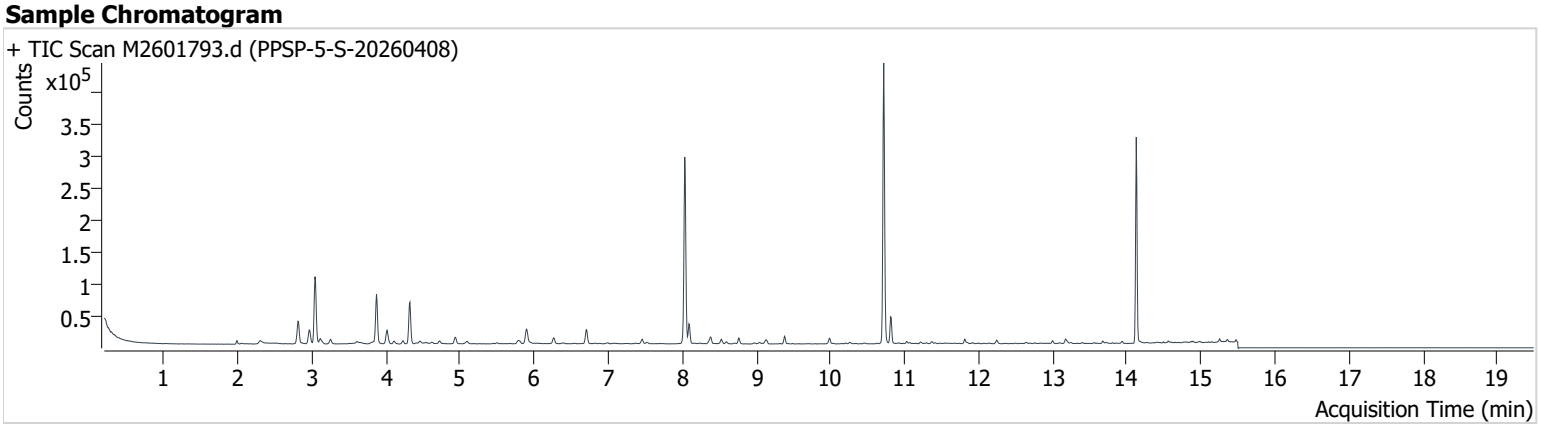
o-Xylene


+ EIC (91.1) Scan M2601792.d
Counts
x10^3
13.676 min.
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.649-13.709 min, 8 scans) M2601792.d
Counts
x10^3
Lib Match Score=62.3
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)

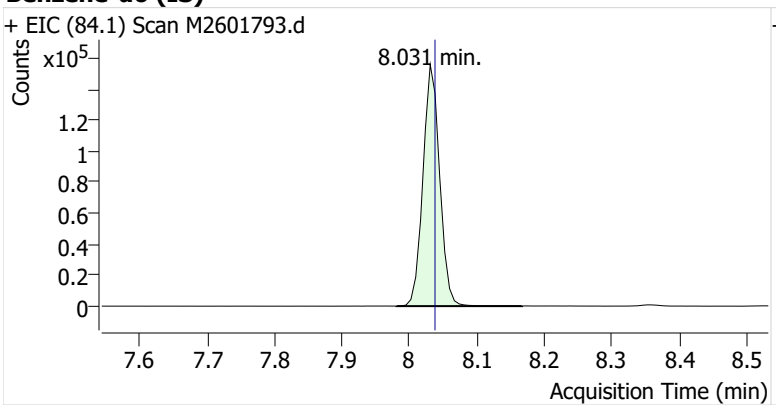
Name	PPSP-5-S-20260408
Comment	C55741
Data File	M2601793.d
Acq. Date-Time	4/26/2026 2:02:47 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

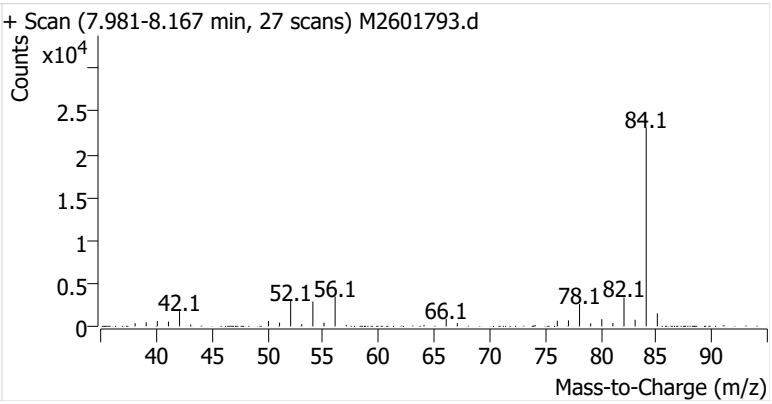
Sample Chromatogram



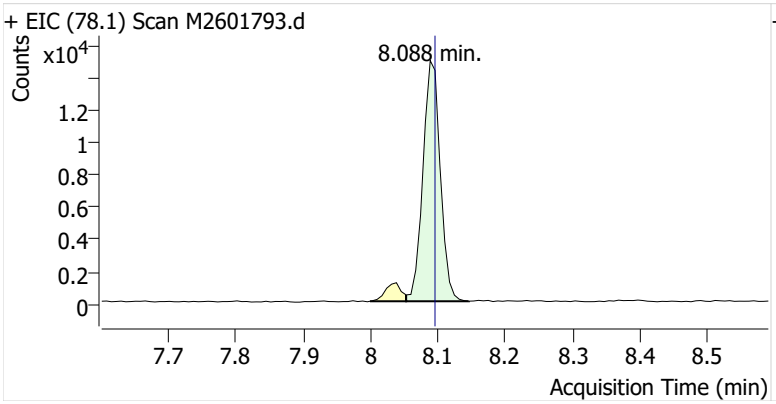
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	267,656	
Benzene	Benzene-d6 (IS)	8.088	8.095	26,697	
Toluene-d8 (IS)		10.717	10.724	277,874	
Toluene	Toluene-d8 (IS)	10.810	10.817	29,664	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,756	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	5,327	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,981	

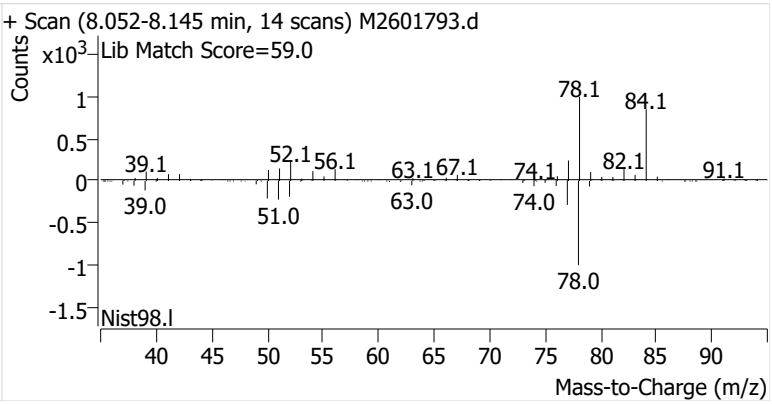
Benzene-d6 (IS)



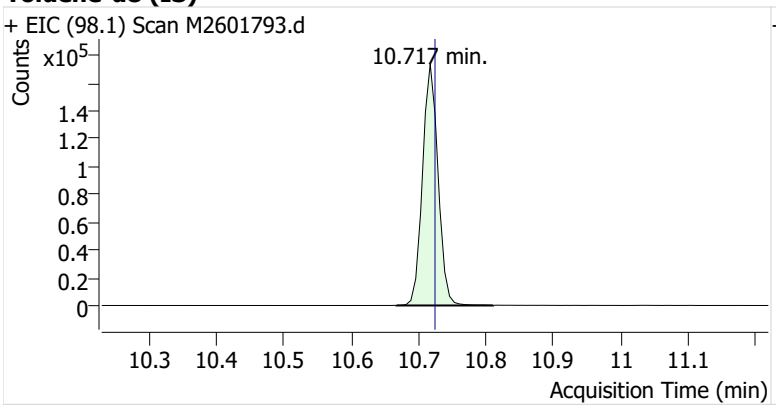


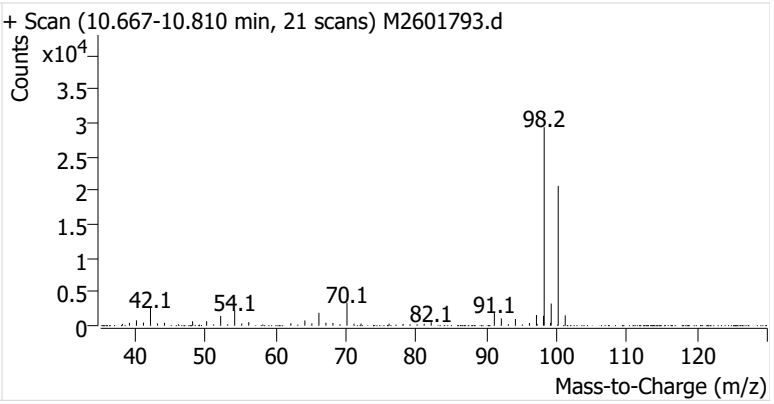
Benzene



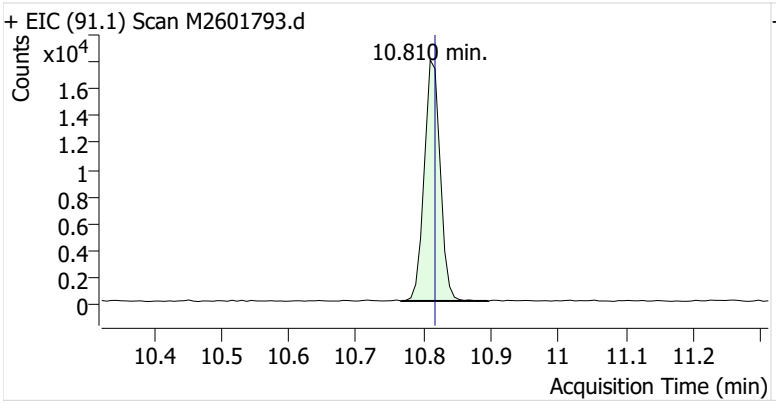


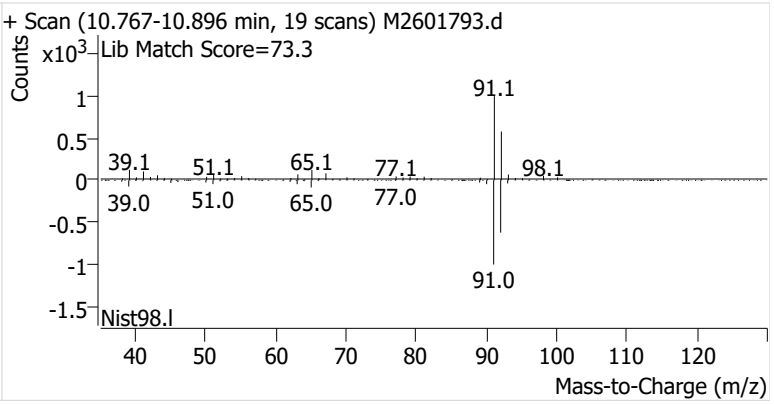
Toluene-d8 (IS)



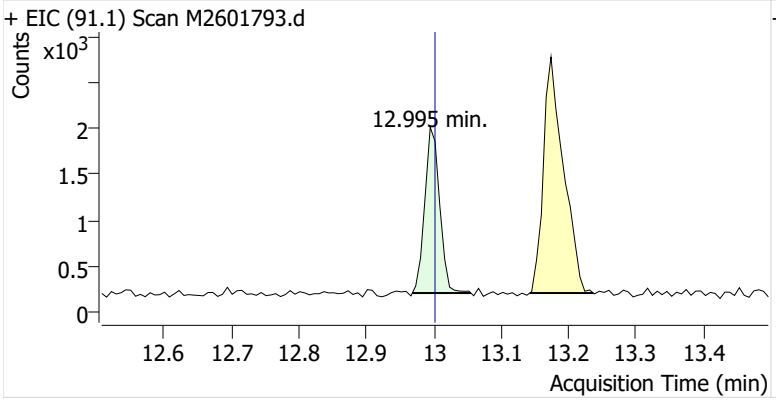


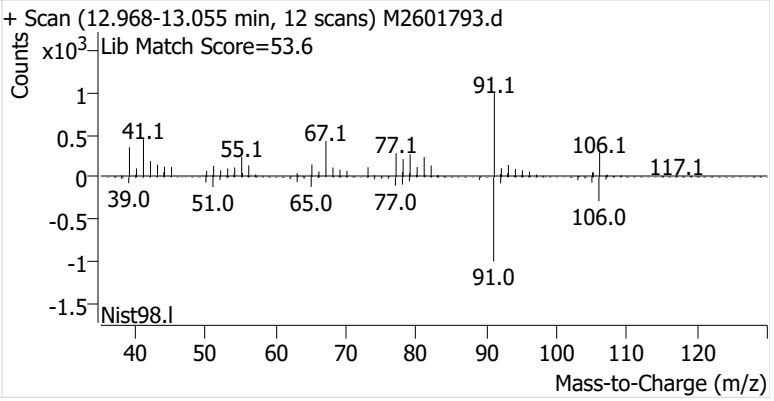
Toluene



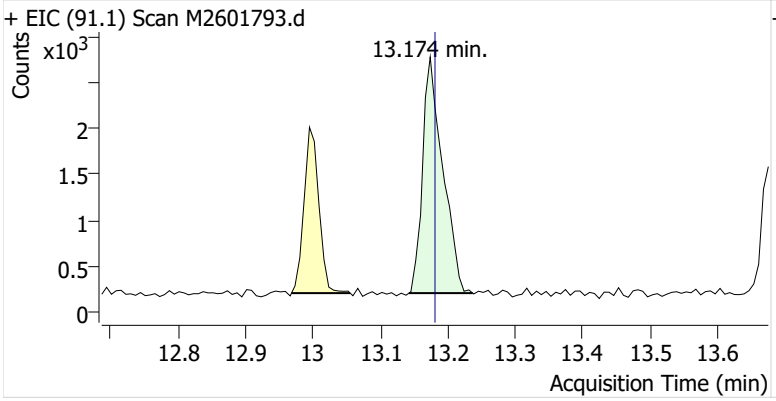


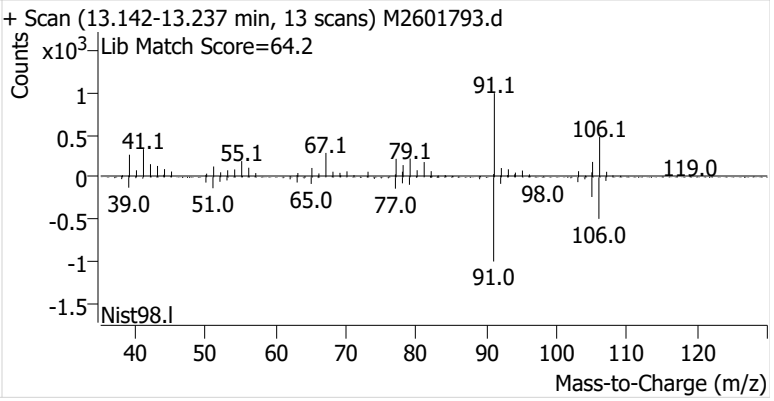
Ethylbenzene



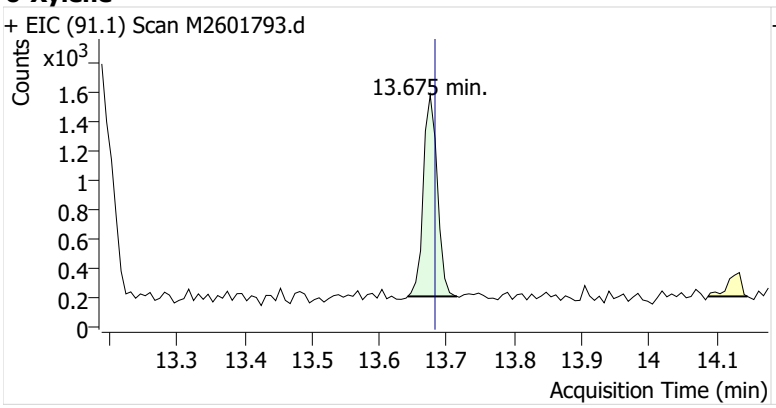


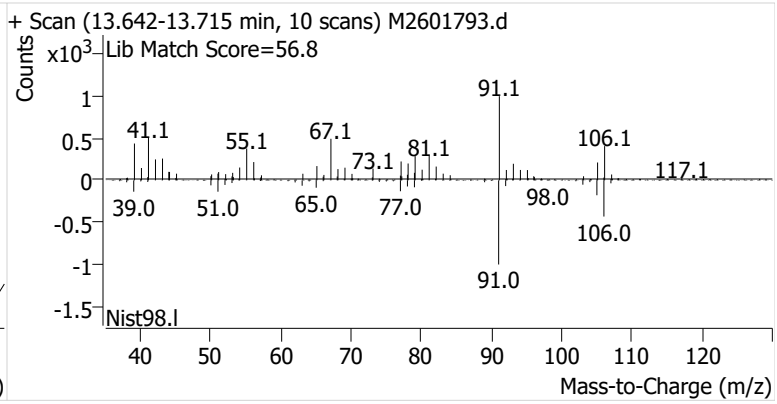
m-/p-Xylenes





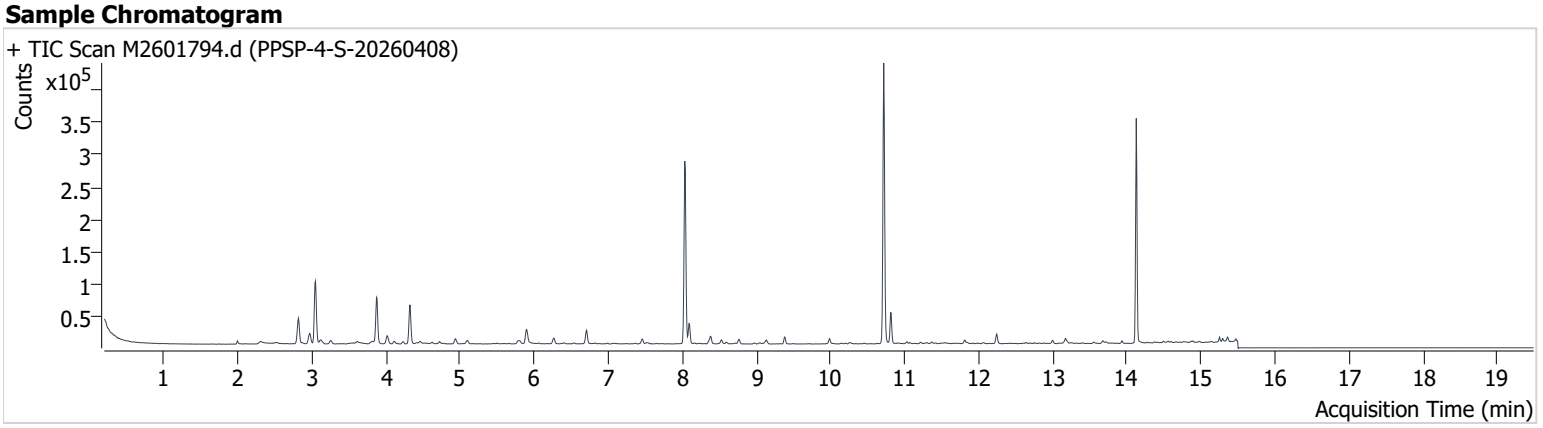
o-Xylene


+ EIC (91.1) Scan M2601793.d
Counts
x10^3
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.715 min, 10 scans) M2601793.d
Lib Match Score=56.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
73.1
81.1
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)

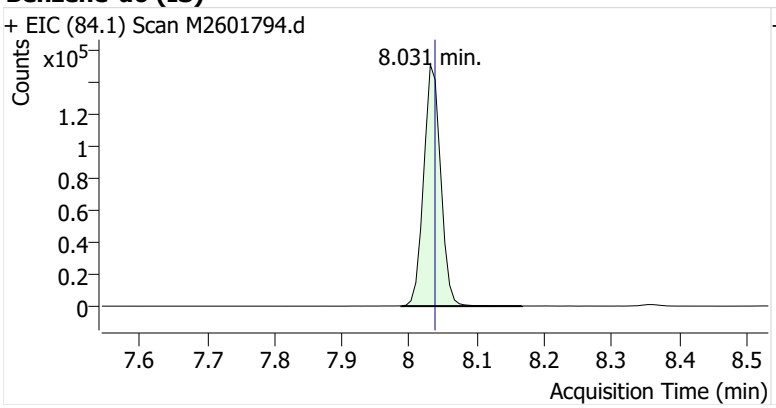
Name	PPSP-4-S-20260408
Comment	C01634
Data File	M2601794.d
Acq. Date-Time	4/26/2026 2:29:10 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

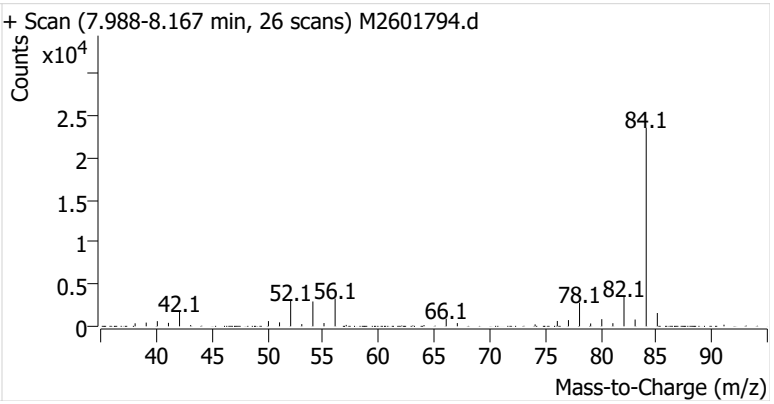
Sample Chromatogram



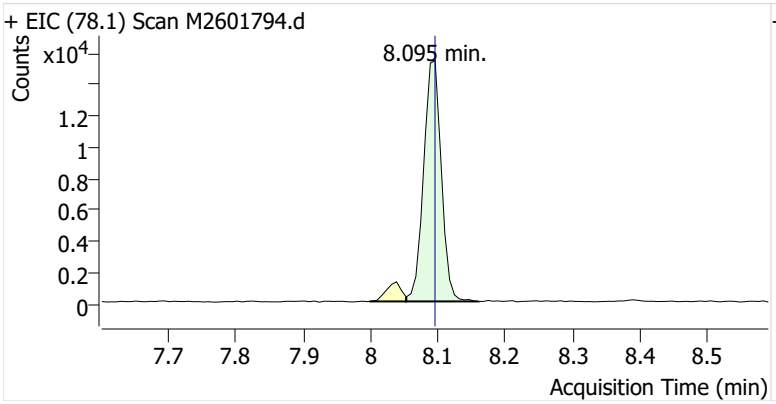
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	263,708	
Benzene	Benzene-d6 (IS)	8.095	8.095	28,085	
Toluene-d8 (IS)		10.717	10.724	273,999	
Toluene	Toluene-d8 (IS)	10.810	10.817	33,626	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	3,296	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	4,997	
o-Xylene	Toluene-d8 (IS)	13.676	13.682	1,941	

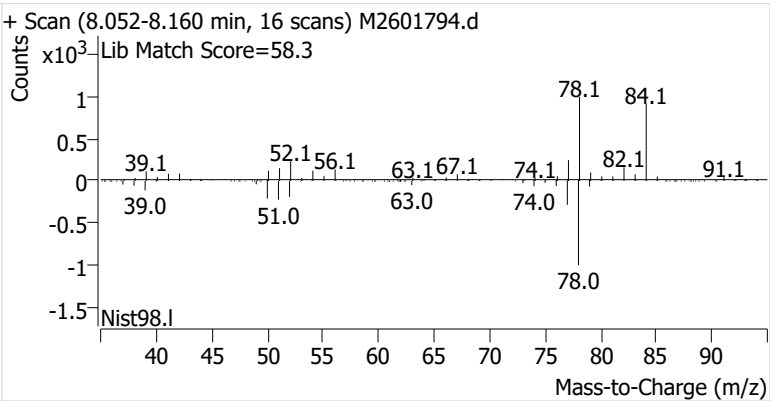
Benzene-d6 (IS)



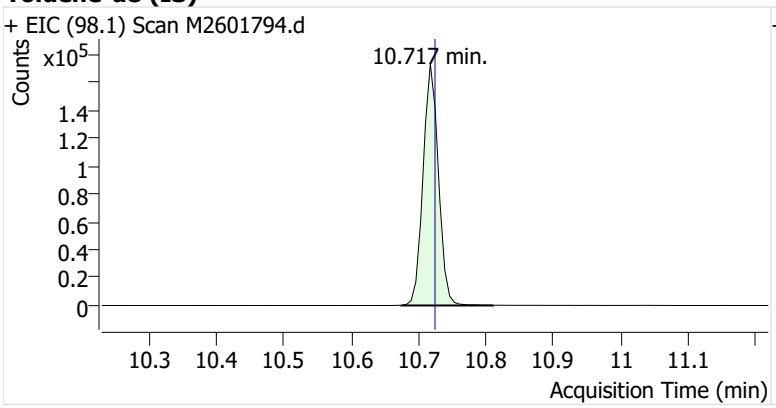


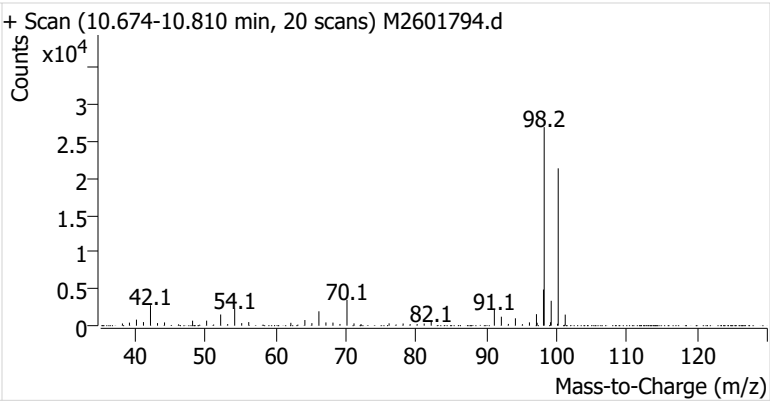
Benzene



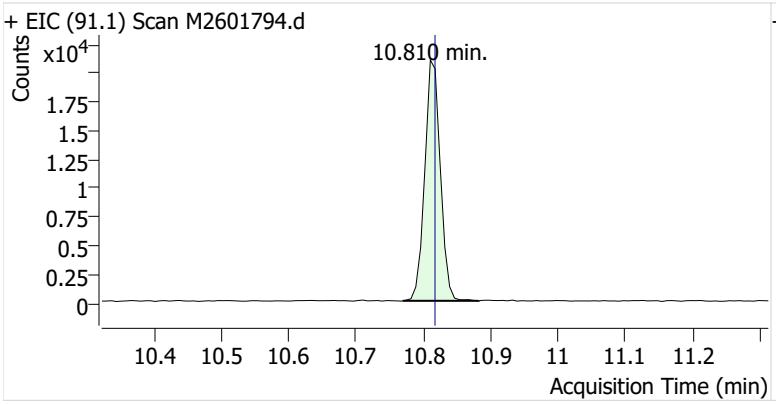


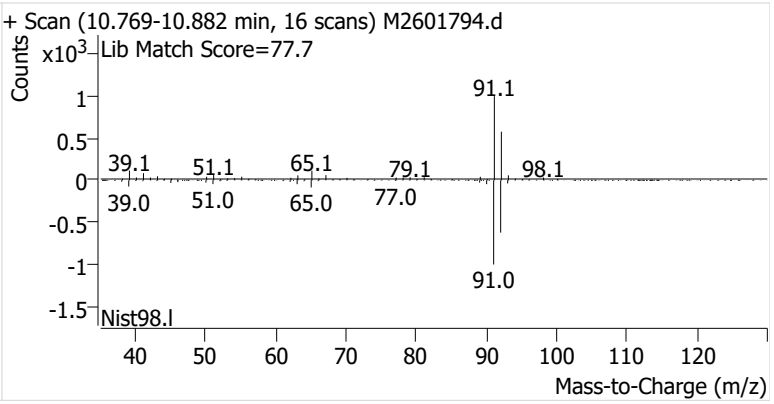
Toluene-d8 (IS)



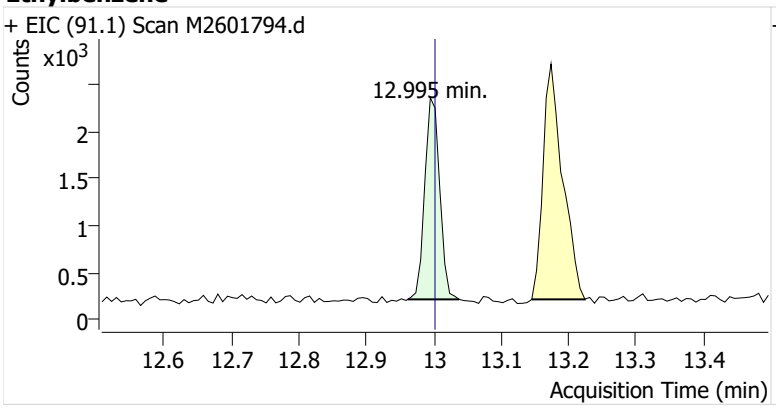


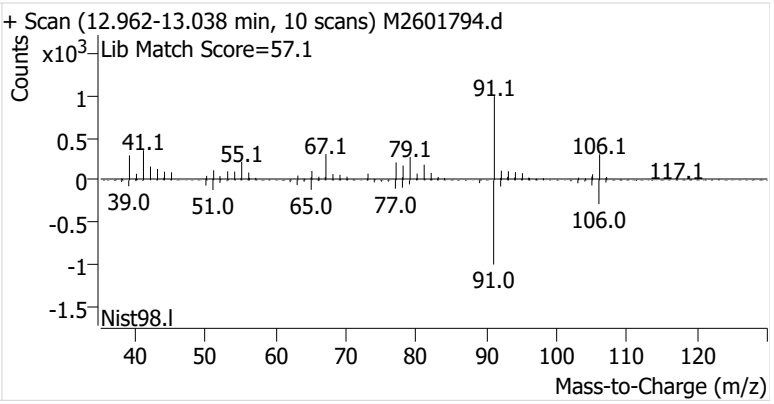
Toluene



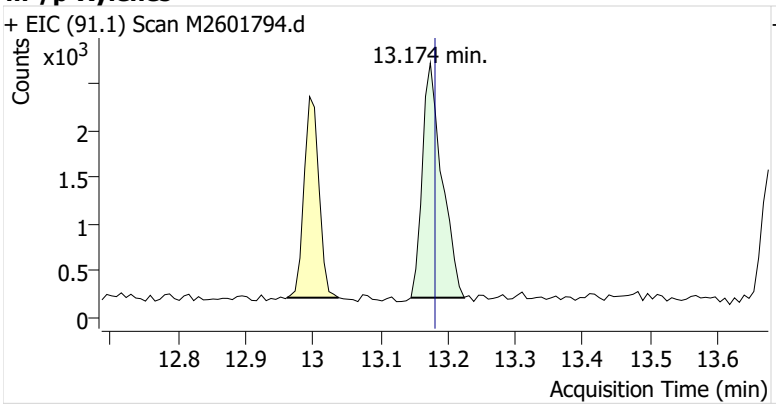


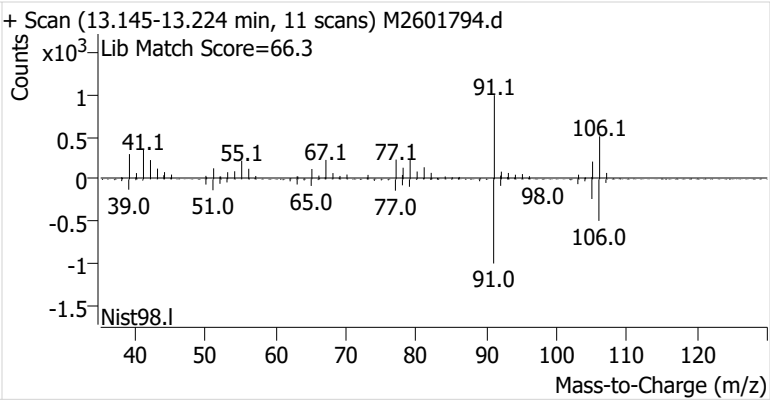
Ethylbenzene



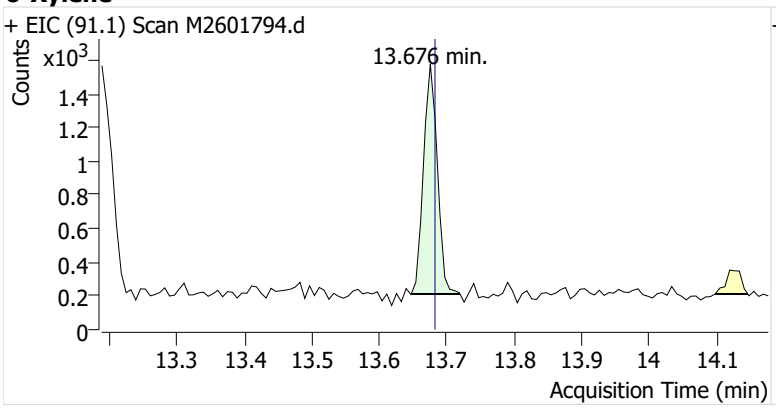


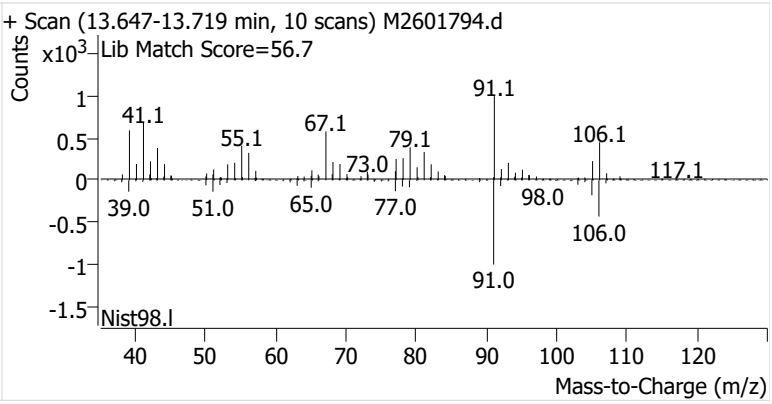
m-/p-Xylenes





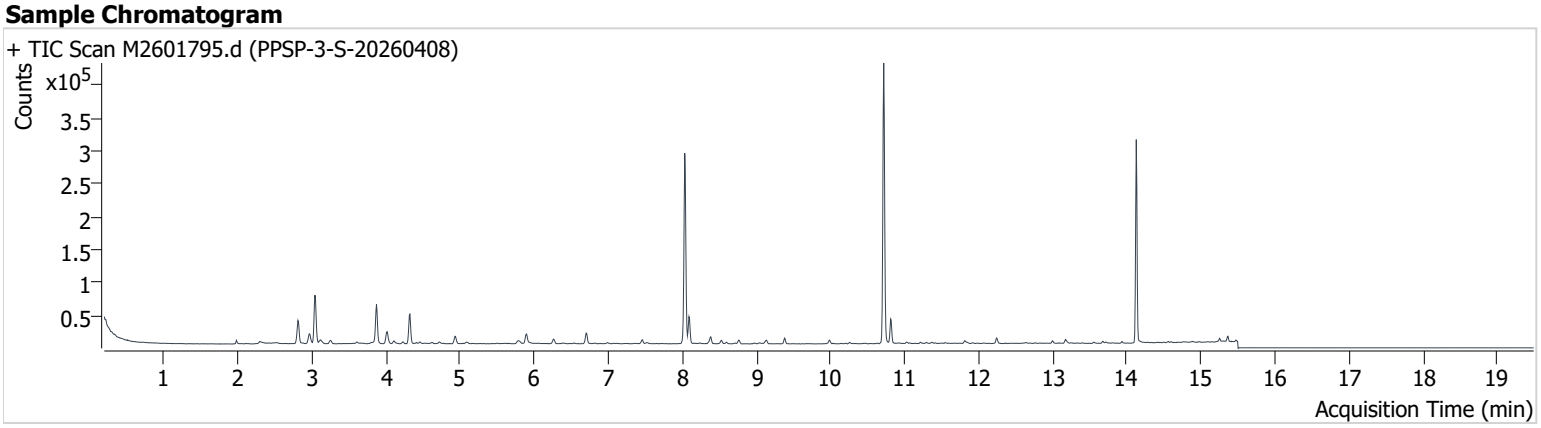
o-Xylene


+ EIC (91.1) Scan M2601794.d
Counts
x10^3
13.676 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 (13.647-13.719 min, 10 scans) M2601794.d
Counts
x10^3
Lib Match Score=56.7
91.1
41.1
67.1
55.1
79.1
73.0
106.1
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)

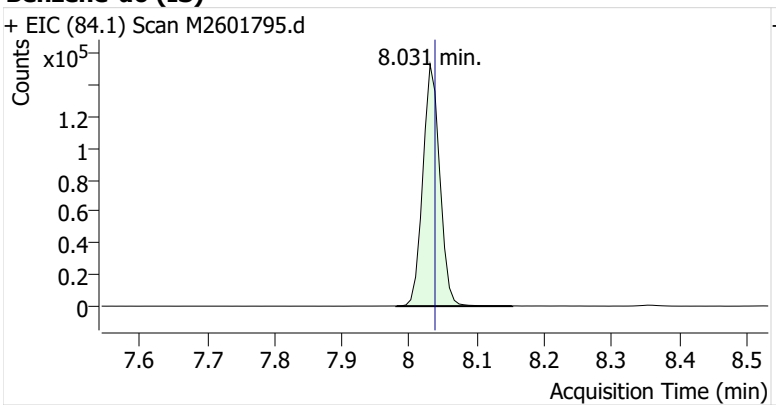
Name	PPSP-3-S-20260408
Comment	B48036
Data File	M2601795.d
Acq. Date-Time	4/26/2026 2:55:09 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

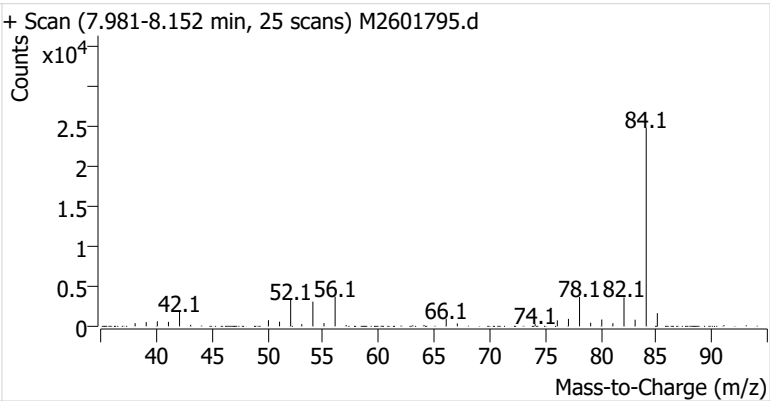
Sample Chromatogram



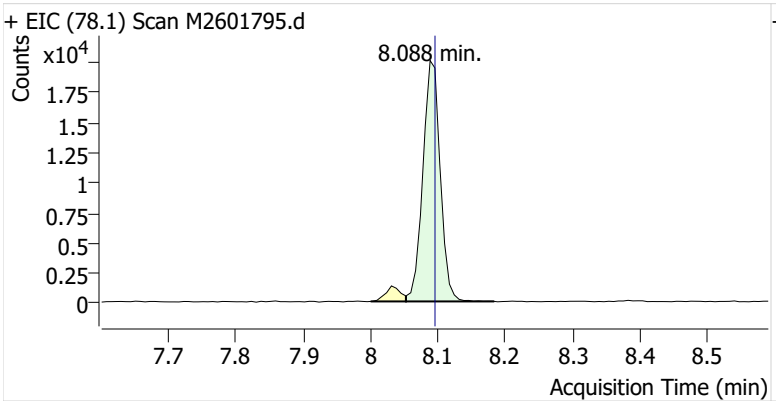
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	267,156	
Benzene	Benzene-d6 (IS)	8.088	8.095	35,703	
Toluene-d8 (IS)		10.717	10.724	276,821	
Toluene	Toluene-d8 (IS)	10.810	10.817	25,474	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,484	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	3,867	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,508	

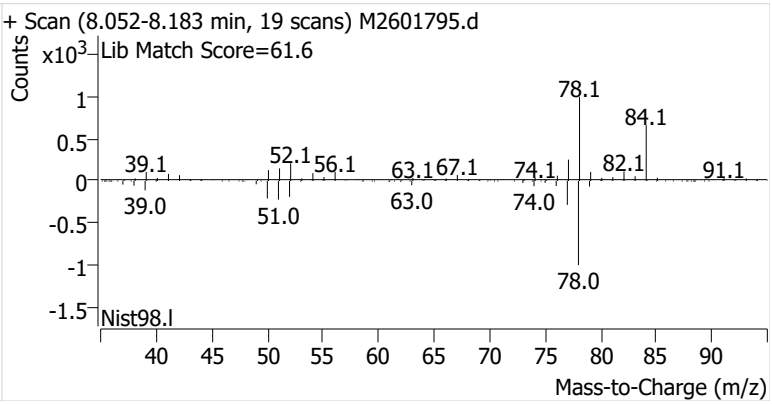
Benzene-d6 (IS)



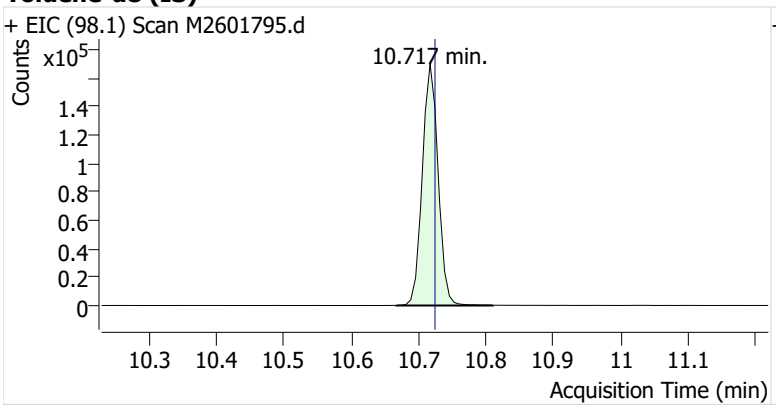


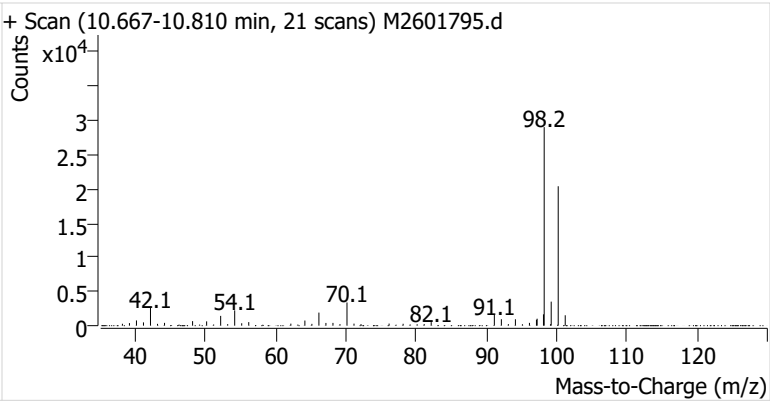
Benzene



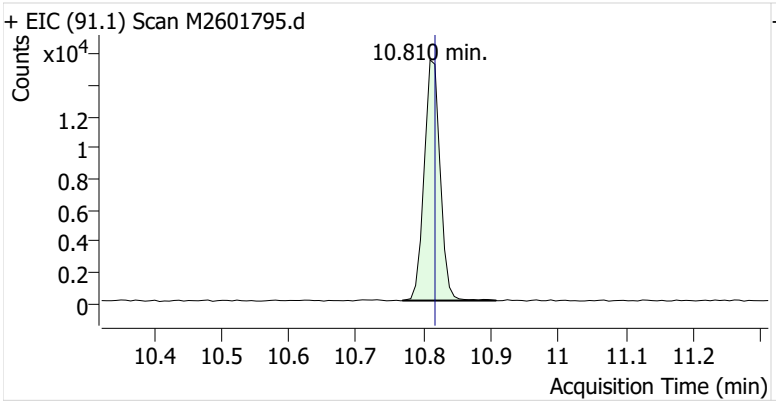


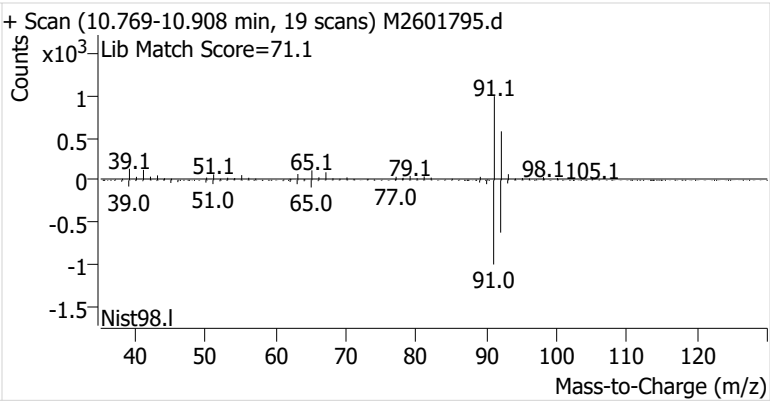
Toluene-d8 (IS)



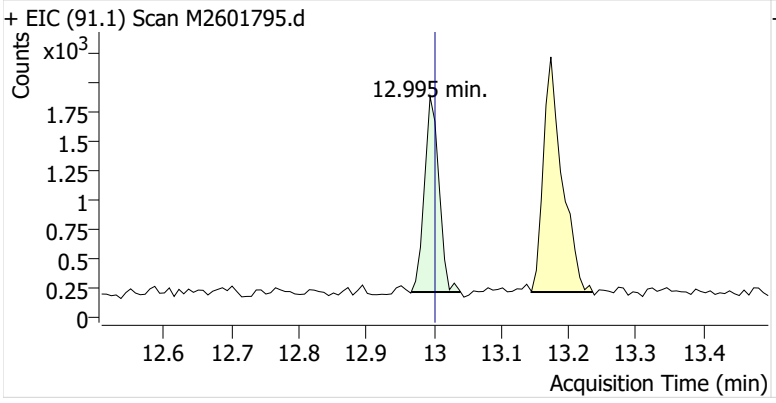


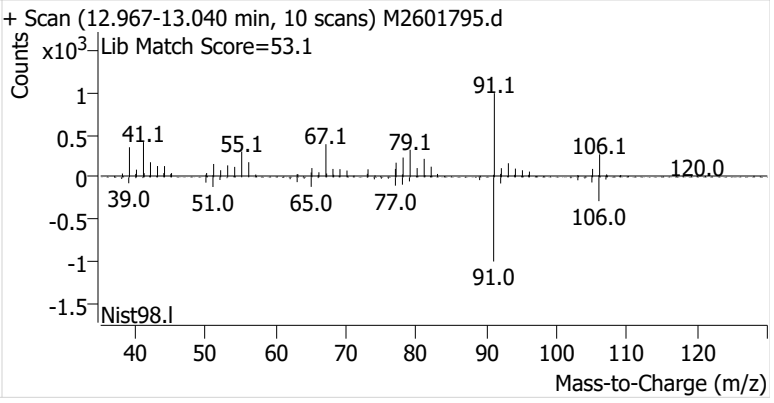
Toluene



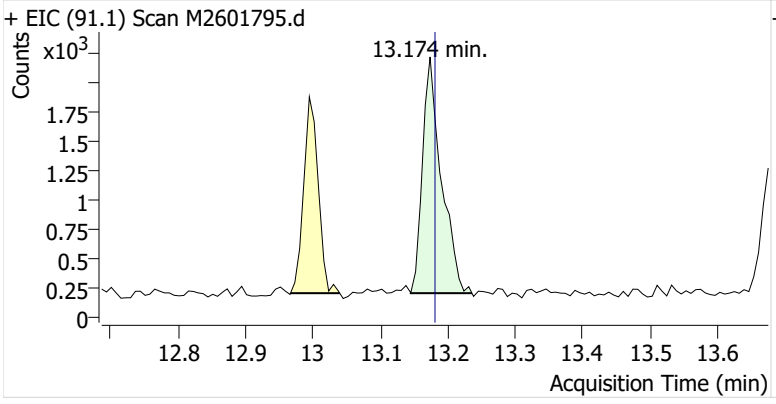


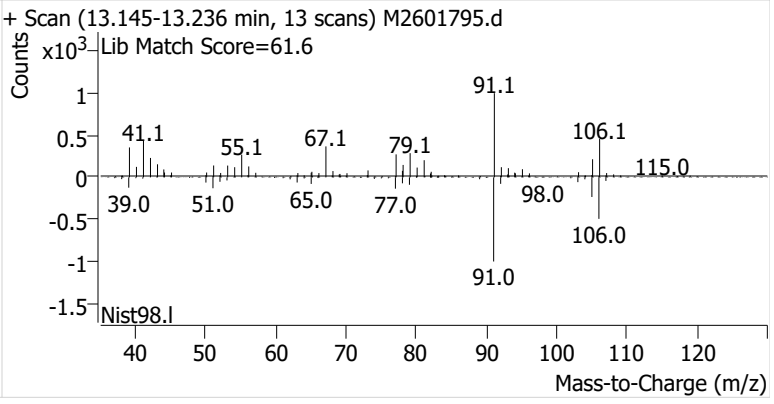
Ethylbenzene



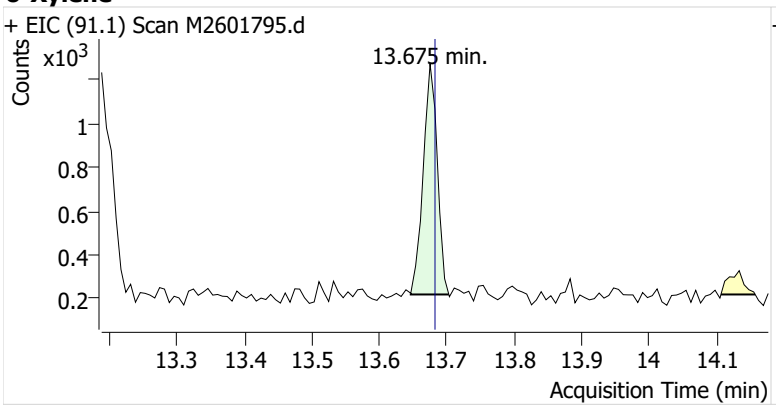


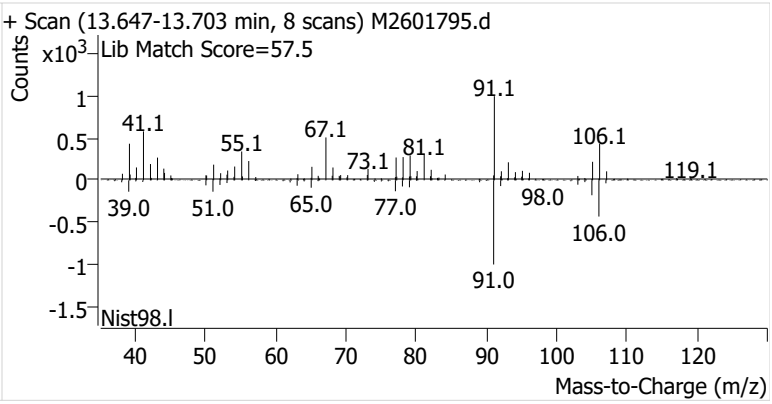
m-/p-Xylenes





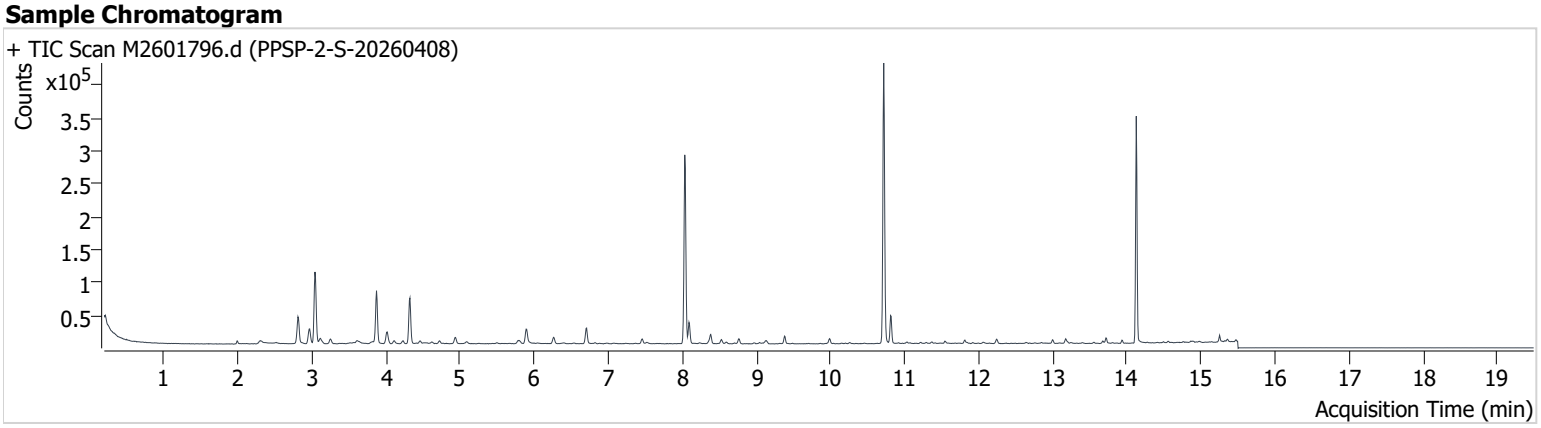
o-Xylene


+ EIC (91.1) Scan M2601795.d
Counts
x10^3
13.675 min.
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.703 min, 8 scans) M2601795.d
Counts
x10^3
Lib Match Score=57.5
91.1
41.1
55.1
67.1
73.1
81.1
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)

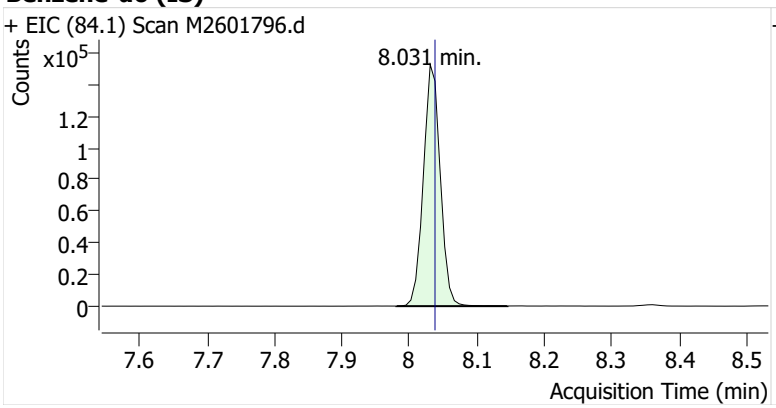
Name	PPSP-2-S-20260408
Comment	C38551
Data File	M2601796.d
Acq. Date-Time	4/26/2026 3:21:23 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

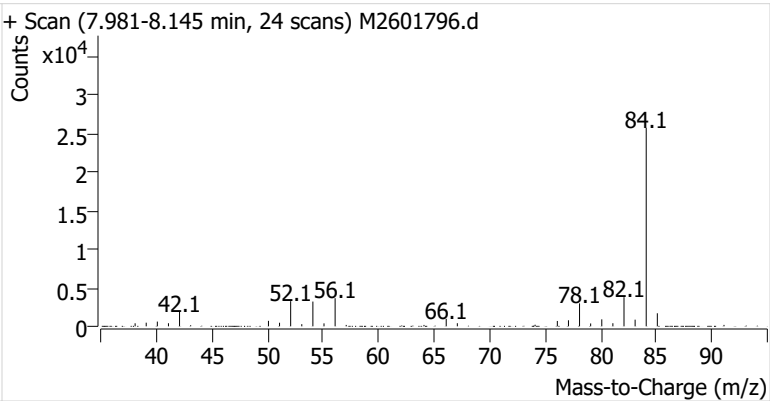
Sample Chromatogram



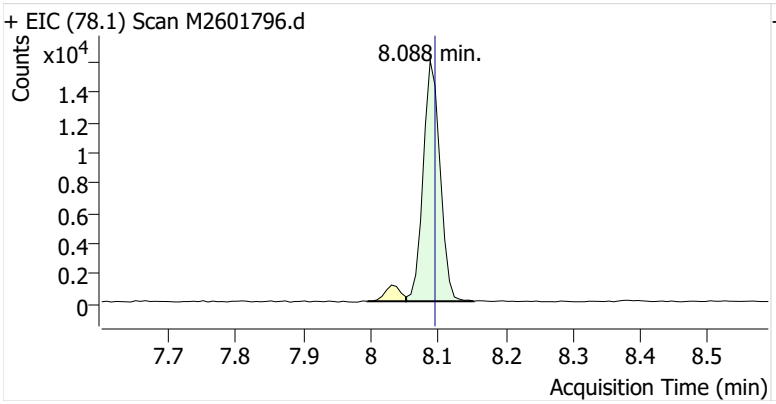
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	265,288	
Benzene	Benzene-d6 (IS)	8.088	8.095	27,749	
Toluene-d8 (IS)		10.717	10.724	274,464	
Toluene	Toluene-d8 (IS)	10.810	10.817	29,455	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	3,573	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	4,776	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	2,009	

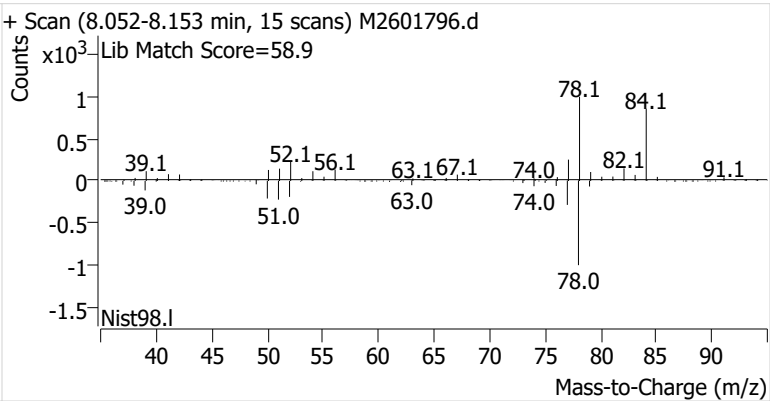
Benzene-d6 (IS)



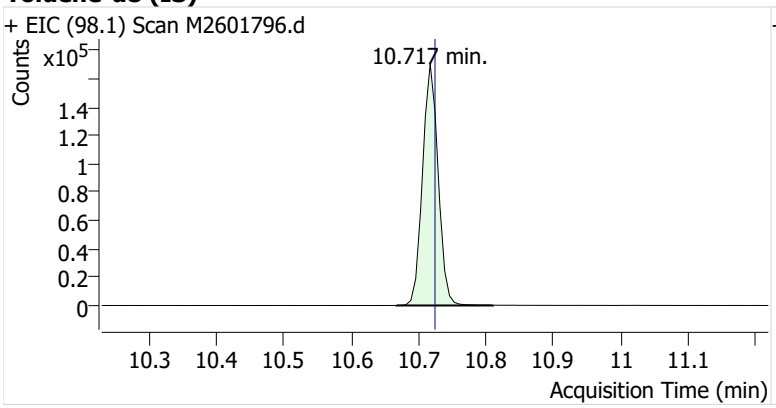


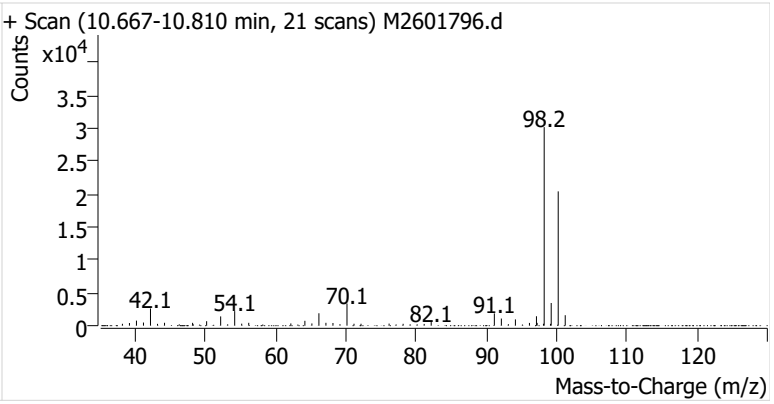
Benzene



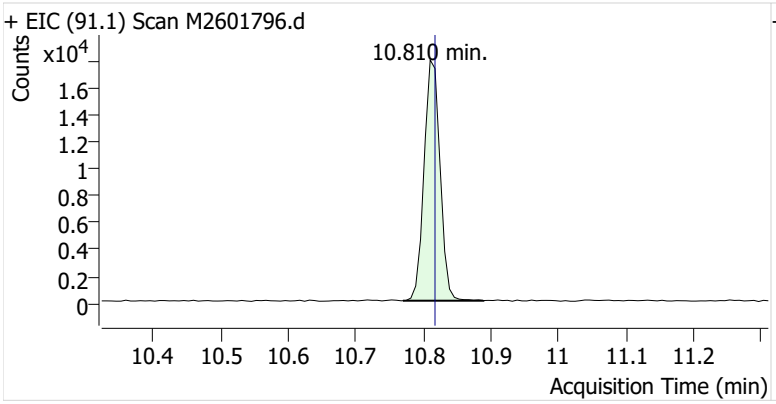


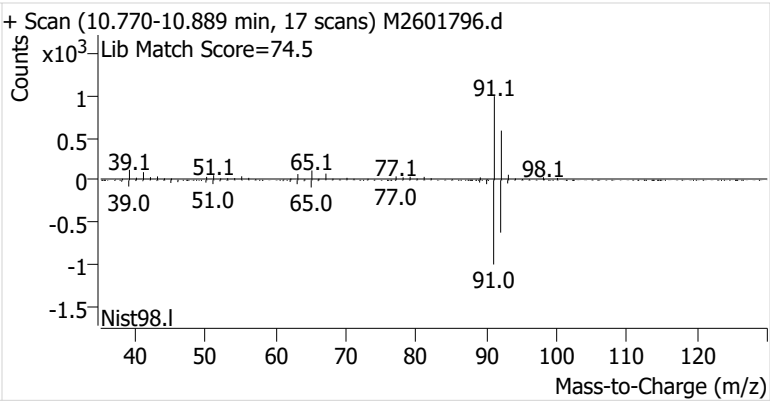
Toluene-d8 (IS)



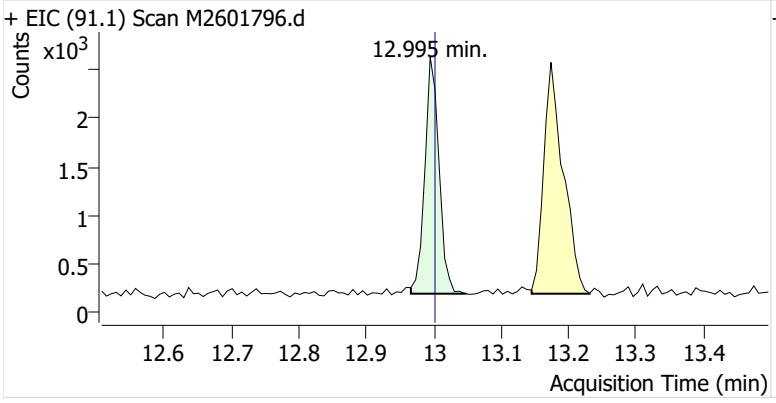


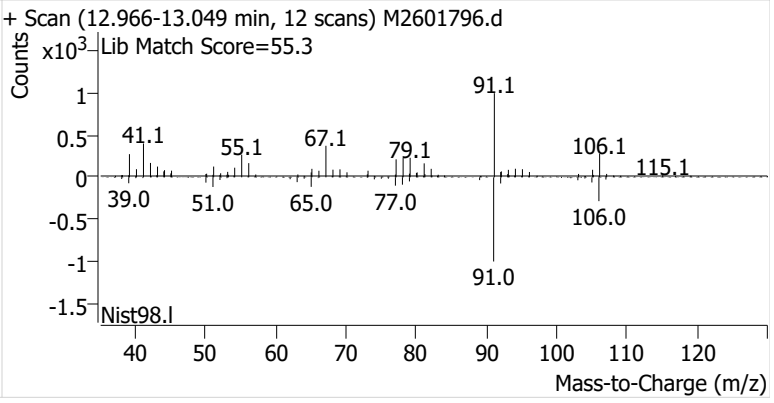
Toluene



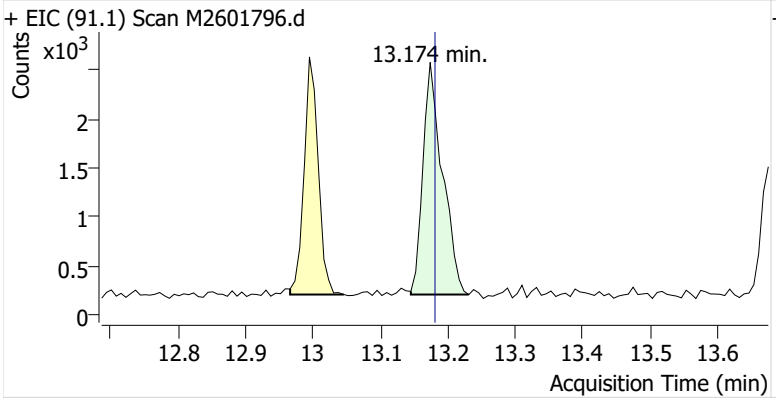


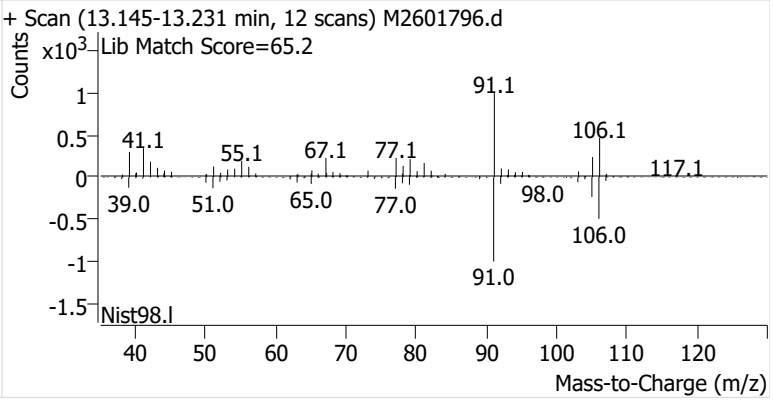
Ethylbenzene



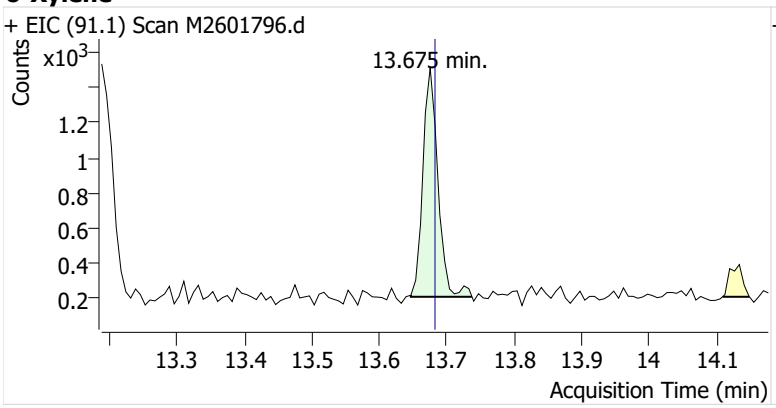


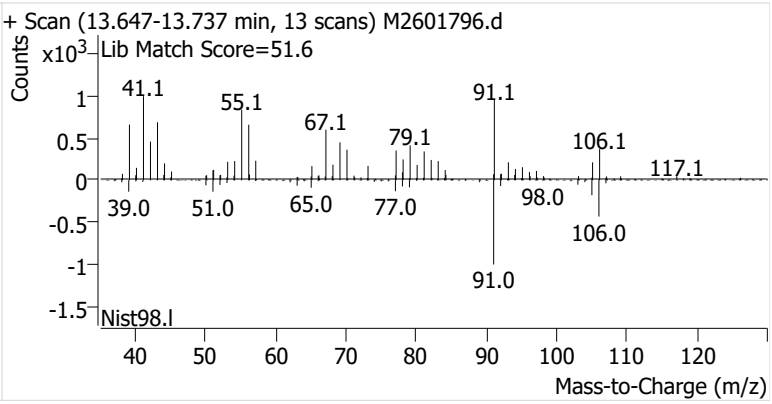
m-/p-Xylenes





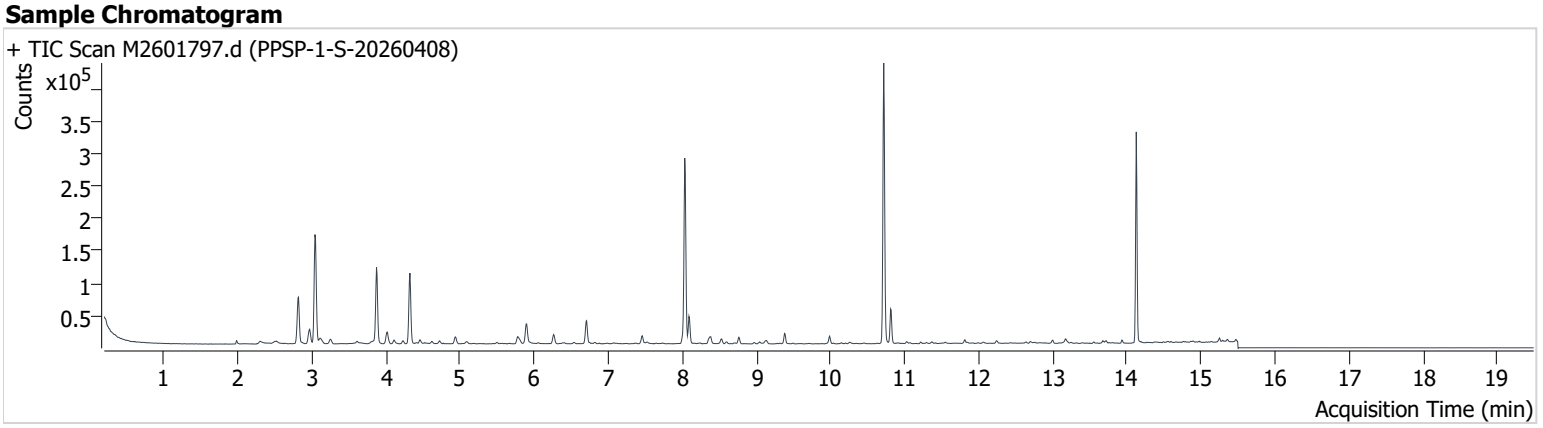
o-Xylene


+ EIC (91.1) Scan M2601796.d
Counts
x10^3
13.675 min.
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.737 min, 13 scans) M2601796.d
Counts
x10^3
Lib Match Score=51.6
41.1
55.1
67.1
79.1
91.1
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)

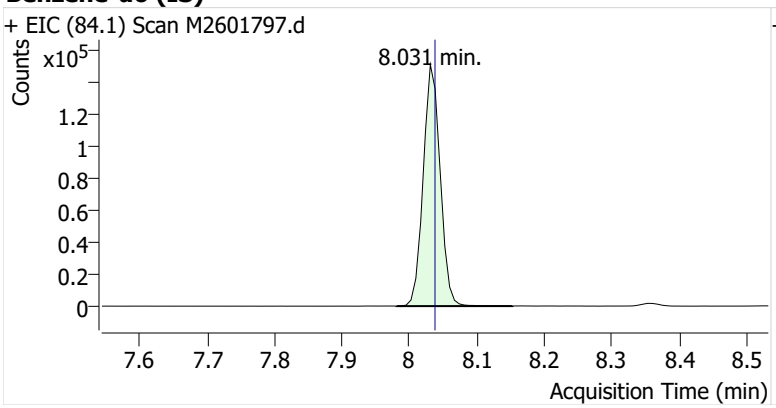
Name	PPSP-1-S-20260408
Comment	C01699
Data File	M2601797.d
Acq. Date-Time	4/26/2026 3:47:41 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

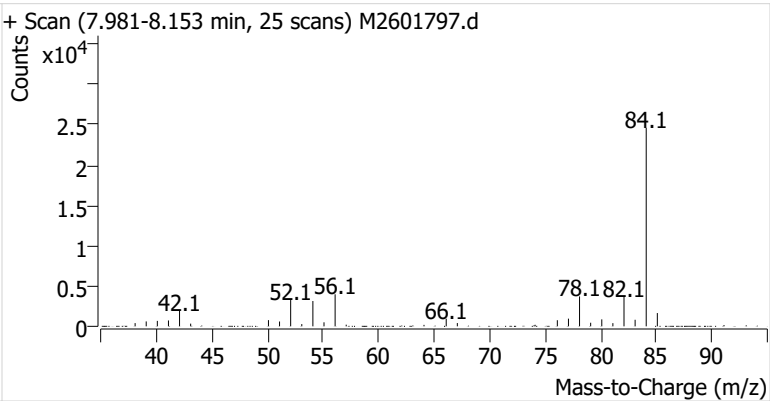
Sample Chromatogram



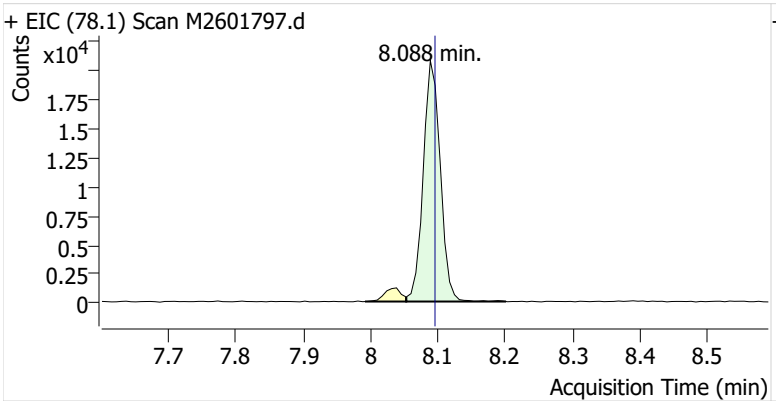
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	264,042	
Benzene	Benzene-d6 (IS)	8.088	8.095	36,314	
Toluene-d8 (IS)		10.717	10.724	275,403	
Toluene	Toluene-d8 (IS)	10.810	10.817	37,214	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	3,108	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	4,745	
o-Xylene	Toluene-d8 (IS)	13.676	13.682	1,800	

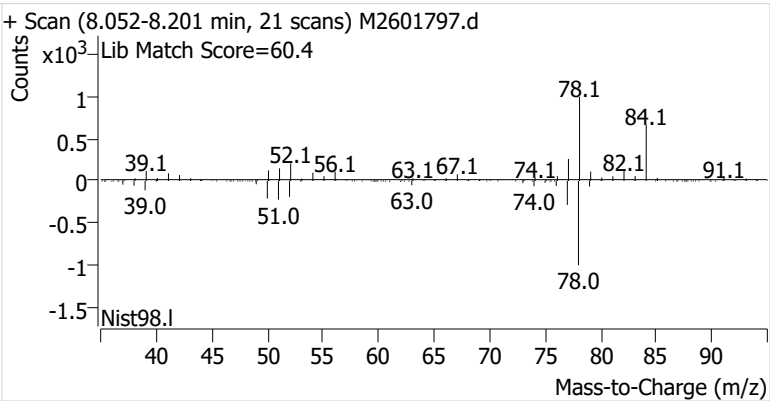
Benzene-d6 (IS)



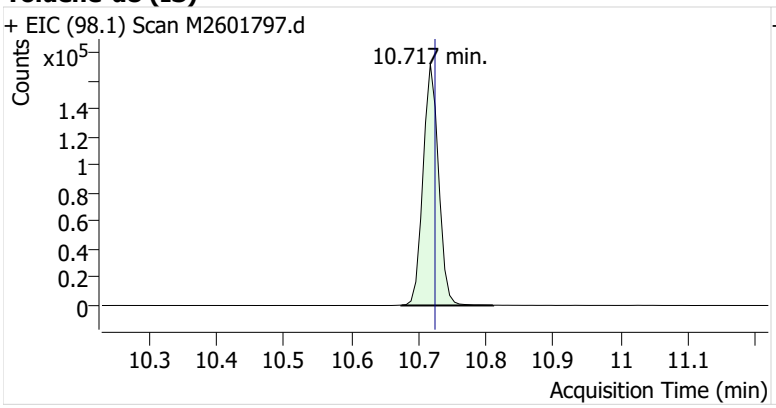


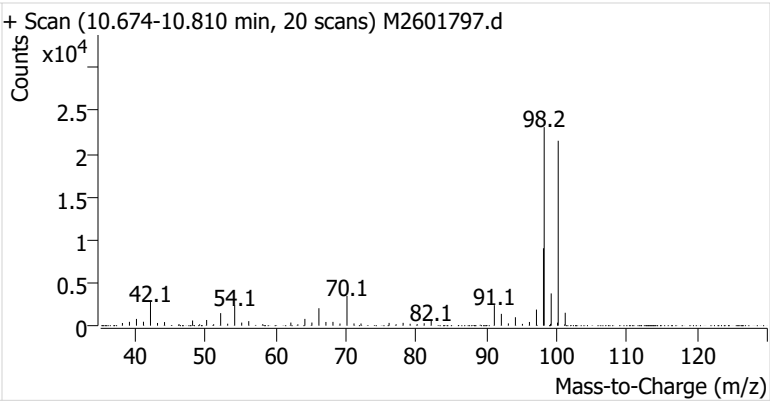
Benzene



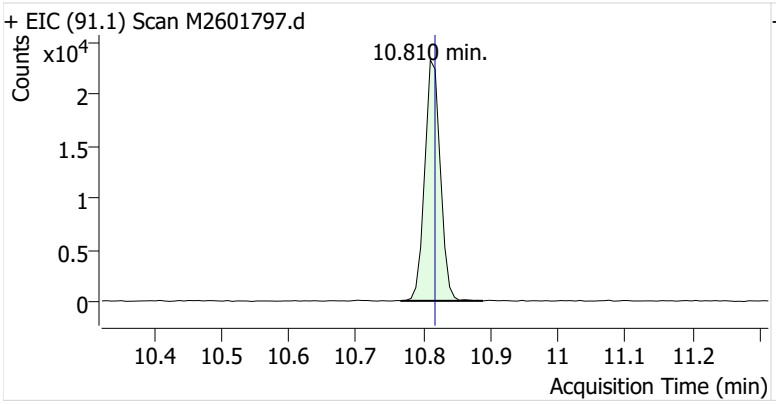


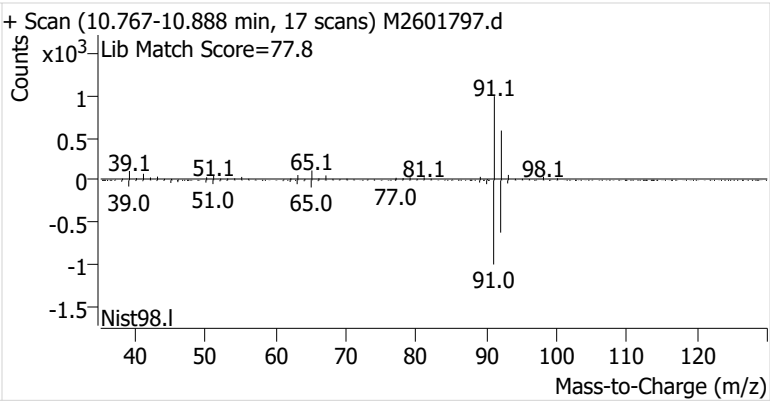
Toluene-d8 (IS)



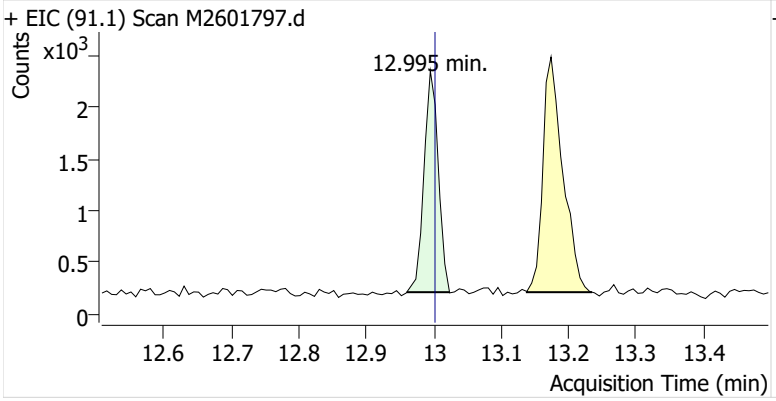


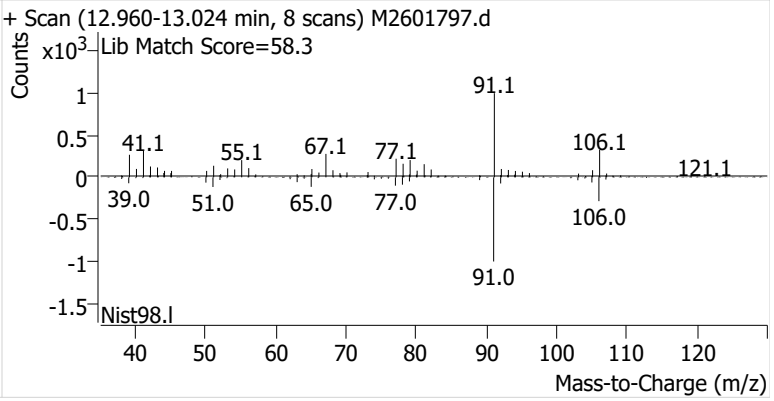
Toluene



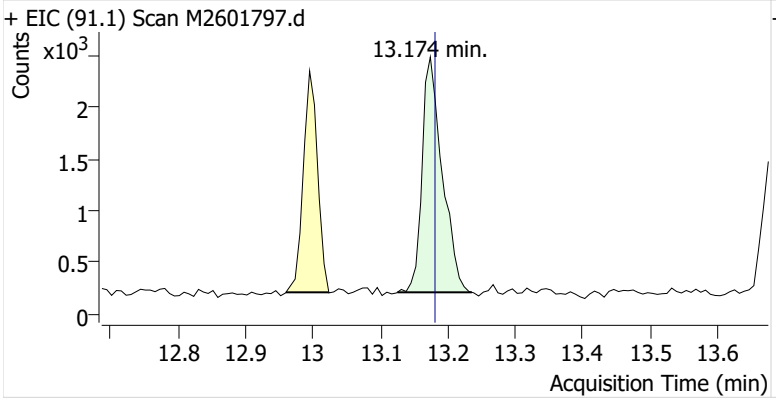


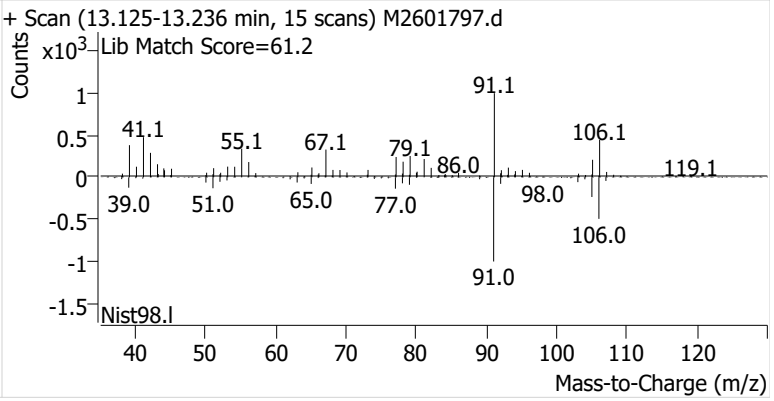
Ethylbenzene



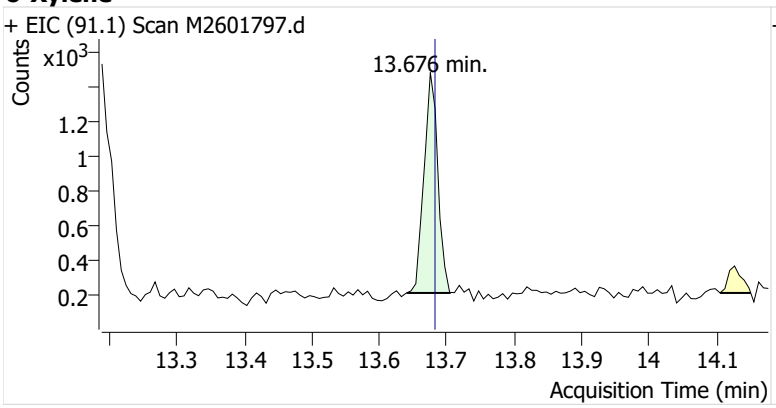


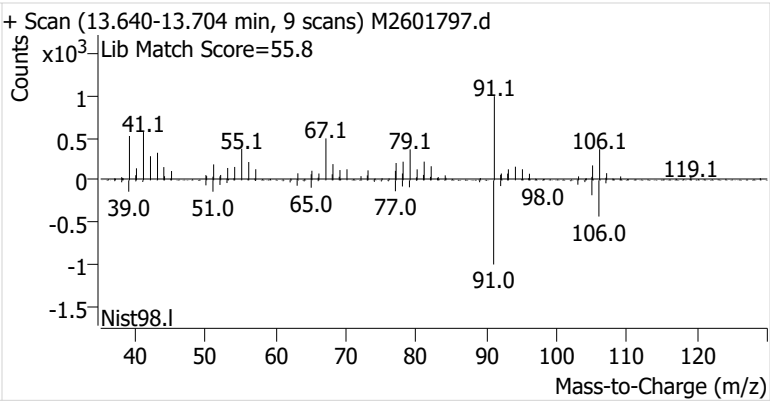
m-/p-Xylenes





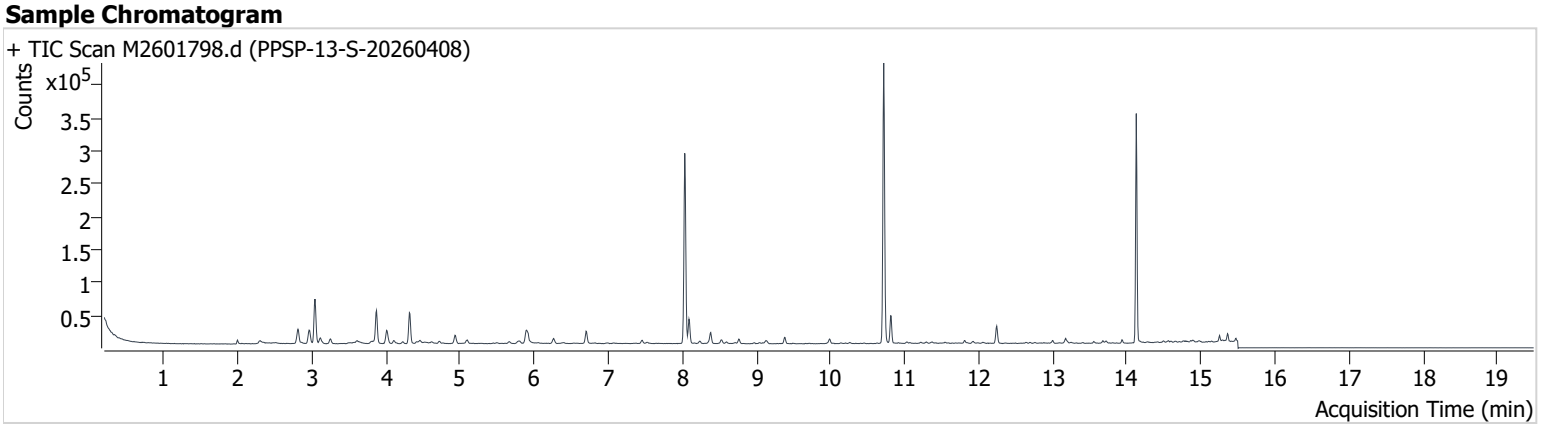
o-Xylene


+ EIC (91.1) Scan M2601797.d
Counts
x10^3
13.676 min.
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.704 min, 9 scans) M2601797.d
Counts
x10^3
Lib Match Score=55.8
91.1
41.1
55.1
67.1
79.1
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)

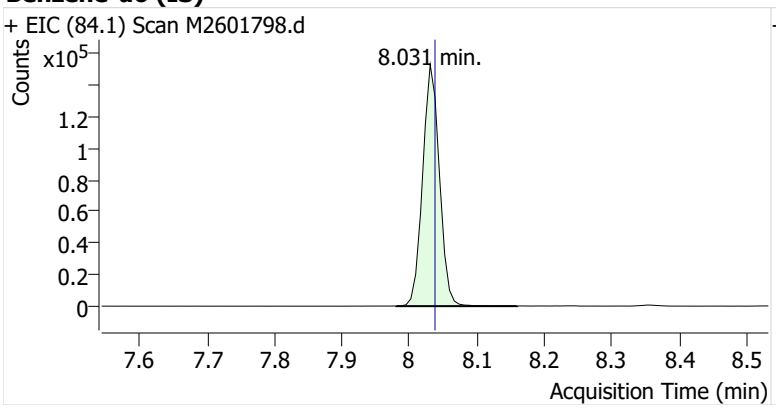
Name	PPSP-13-S-20260408
Comment	C70596
Data File	M2601798.d
Acq. Date-Time	4/26/2026 4:13:52 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

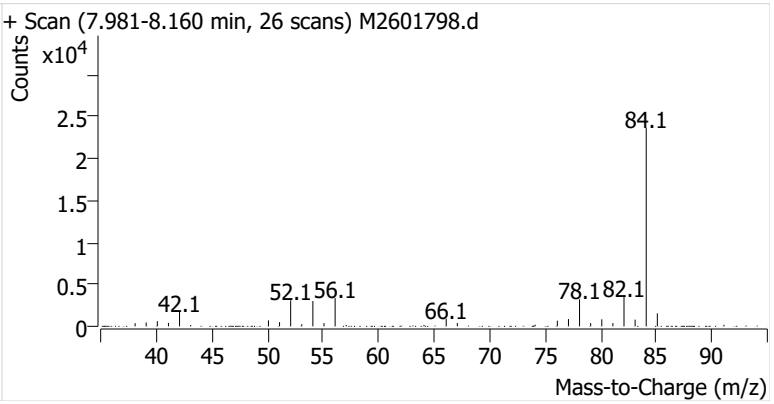
Sample Chromatogram



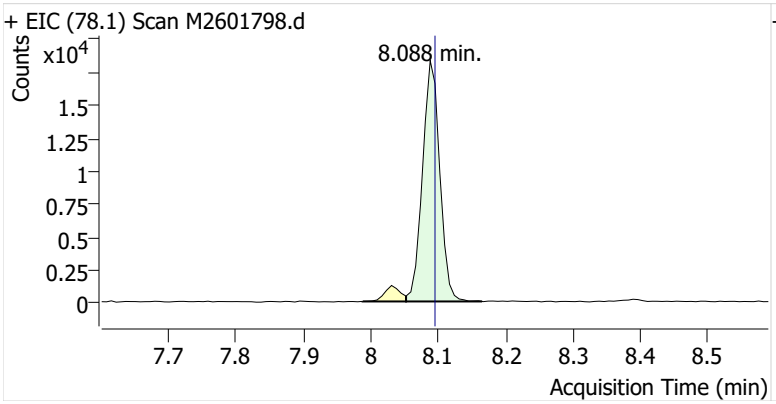
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	264,536	
Benzene	Benzene-d6 (IS)	8.088	8.095	32,438	
Toluene-d8 (IS)		10.717	10.724	273,302	
Toluene	Toluene-d8 (IS)	10.810	10.817	29,644	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,703	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	4,944	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,727	

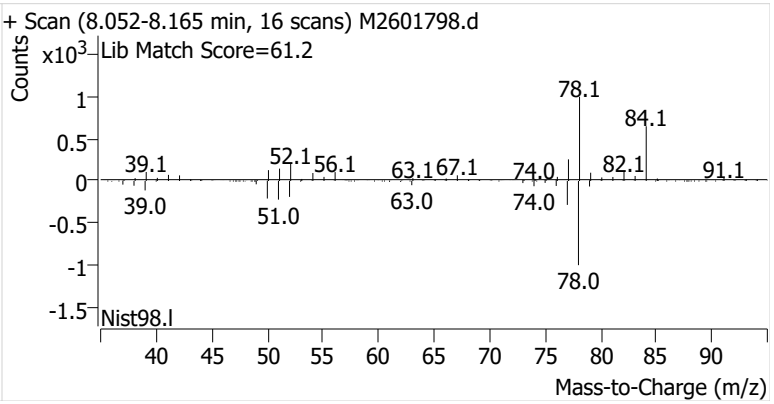
Benzene-d6 (IS)



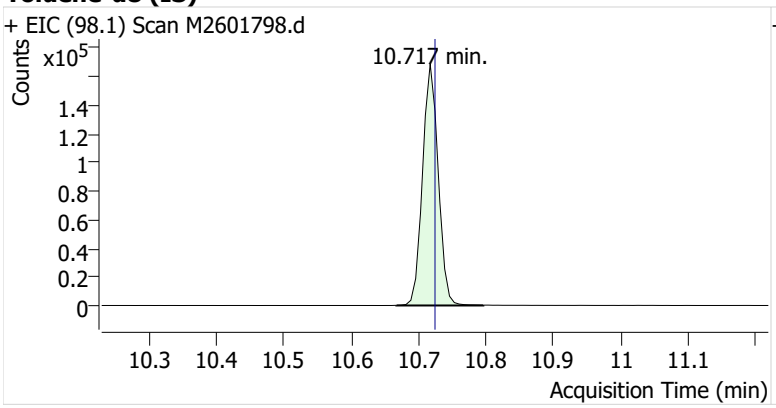


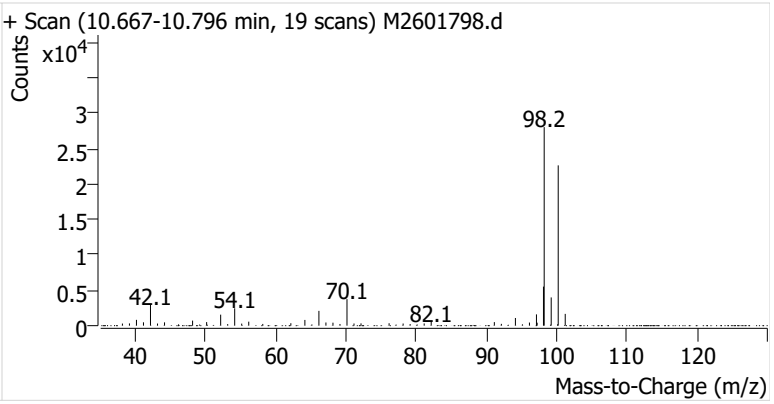
Benzene



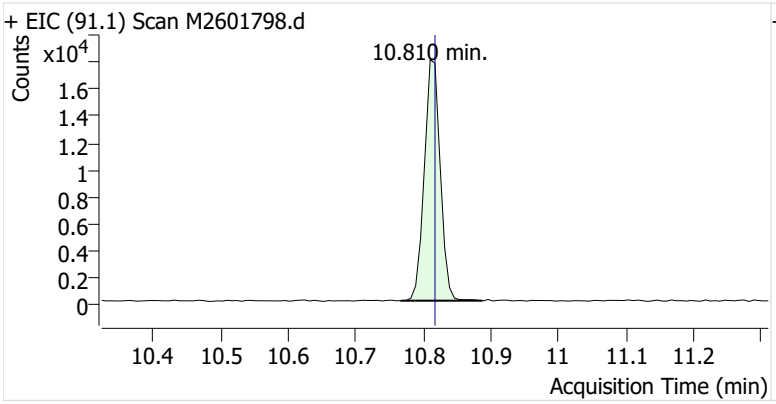


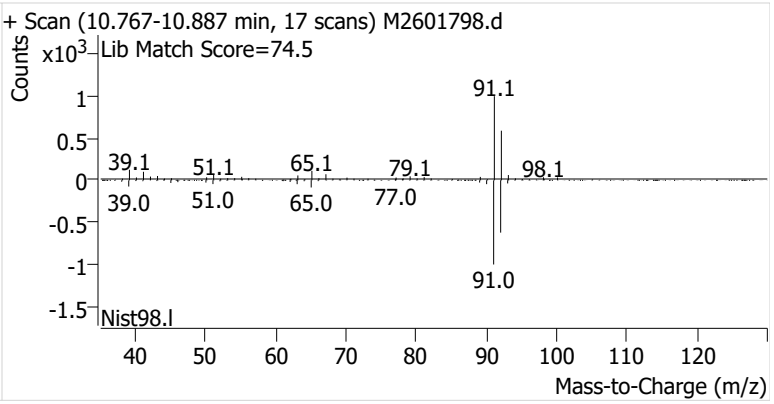
Toluene-d8 (IS)



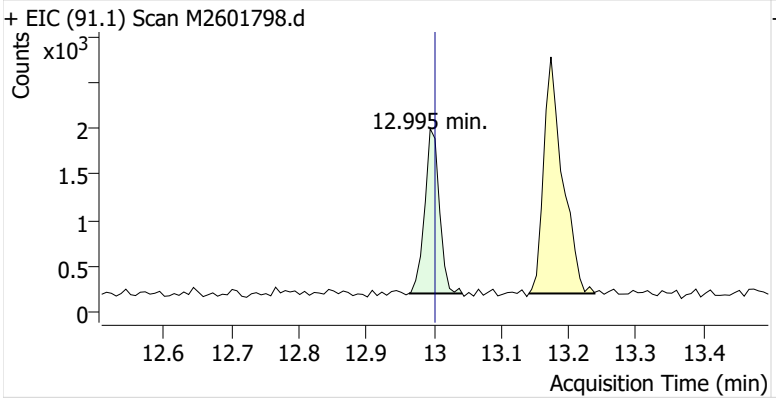


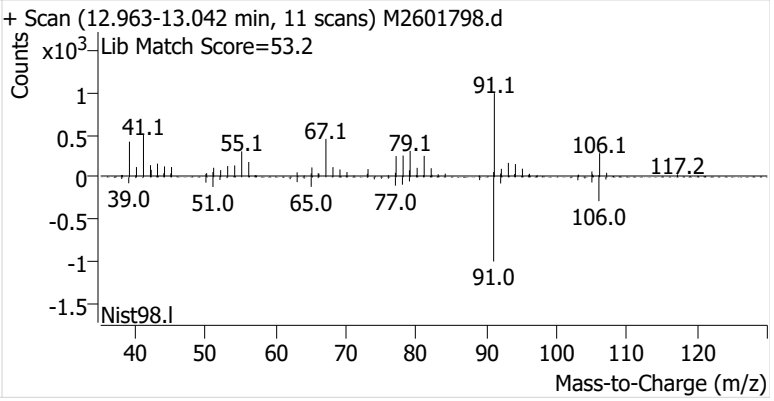
Toluene



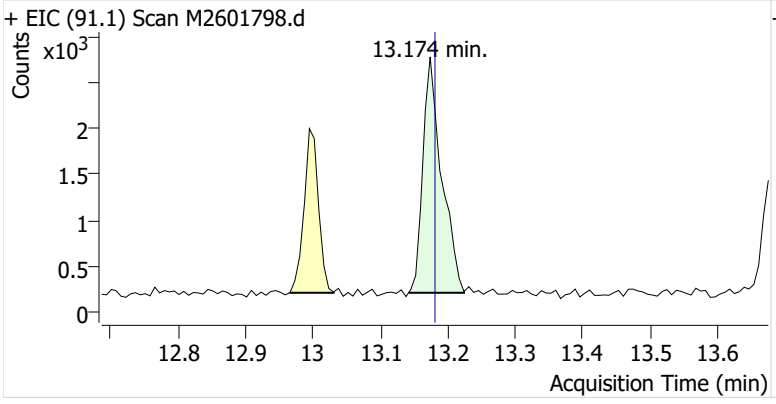


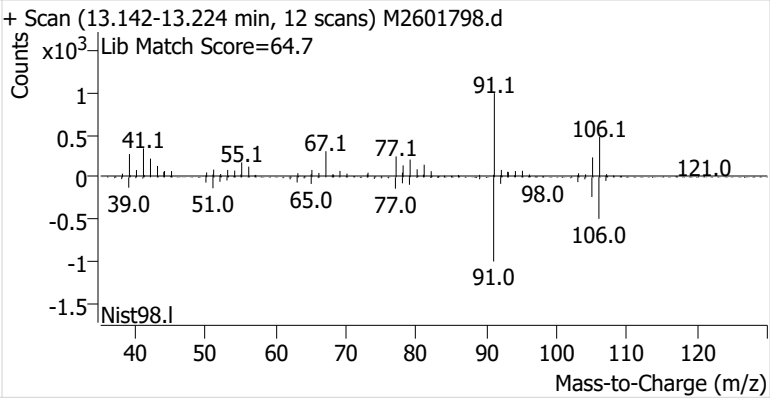
Ethylbenzene



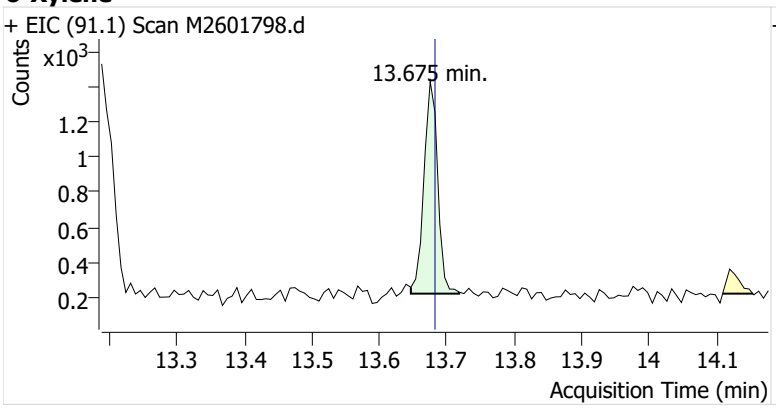


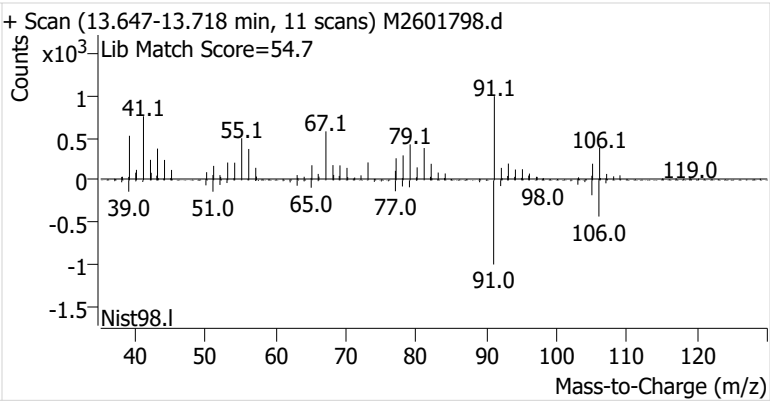
m-/p-Xylenes





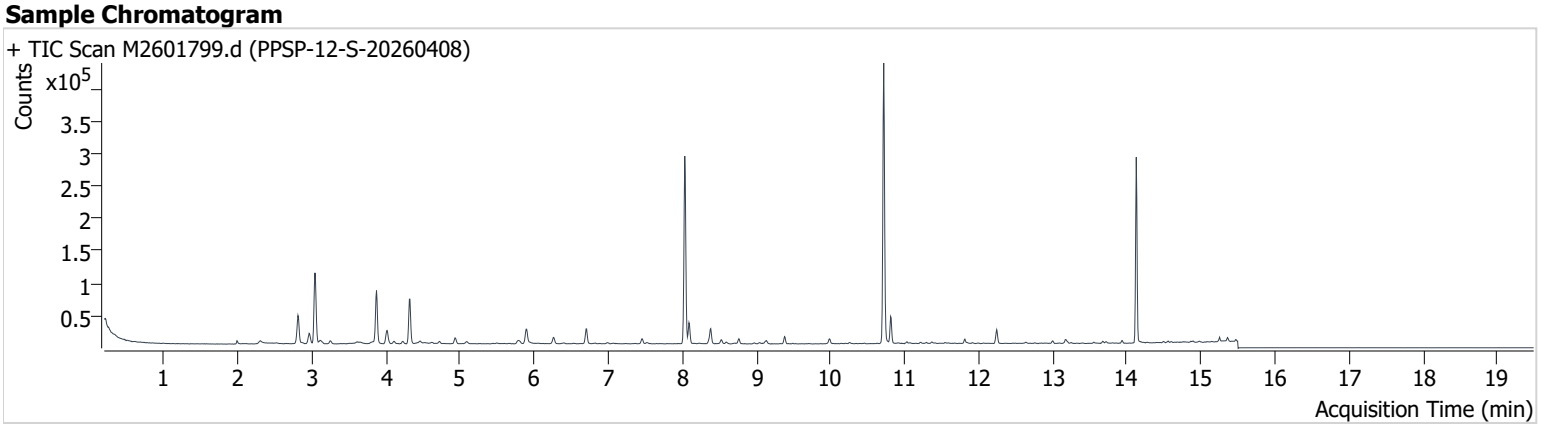
o-Xylene


+ EIC (91.1) Scan M2601798.d
Counts
x10^3
13.675 min.
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.718 min, 11 scans) M2601798.d
Lib Match Score=54.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
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)

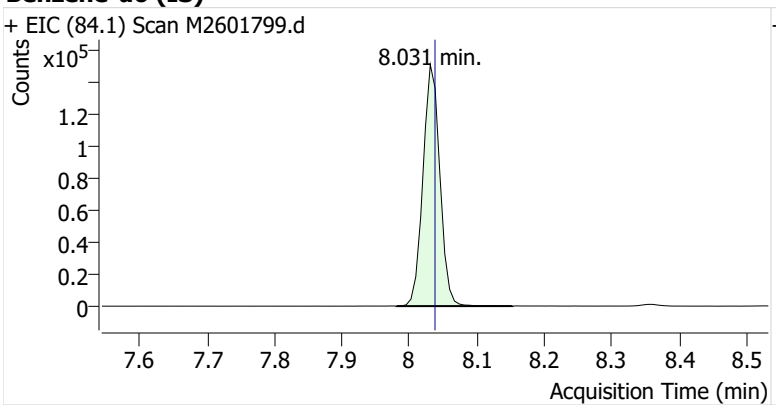
Name	PPSP-12-S-20260408
Comment	C57575
Data File	M2601799.d
Acq. Date-Time	4/26/2026 4:40:13 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

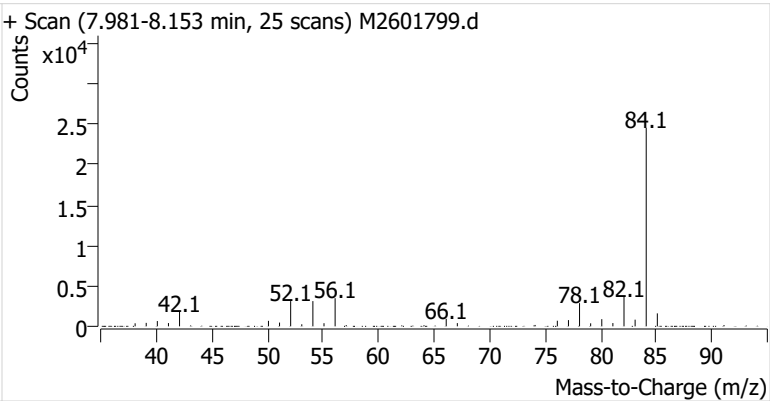
Sample Chromatogram



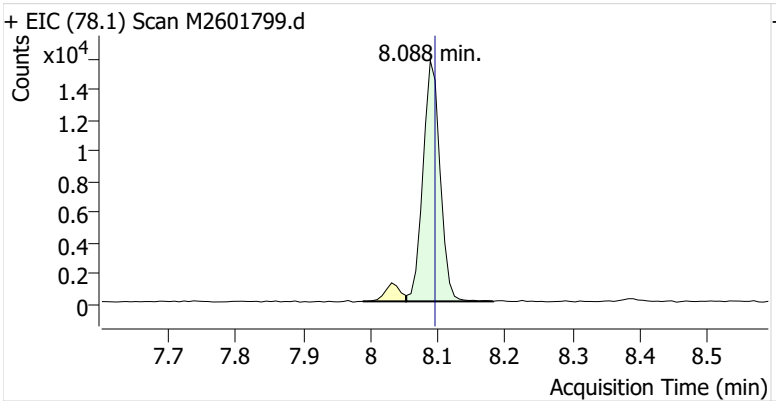
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	263,447	
Benzene	Benzene-d6 (IS)	8.088	8.095	27,822	
Toluene-d8 (IS)		10.717	10.724	271,501	
Toluene	Toluene-d8 (IS)	10.810	10.817	28,320	
Ethylbenzene	Toluene-d8 (IS)	13.002	13.002	2,794	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	4,577	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,677	

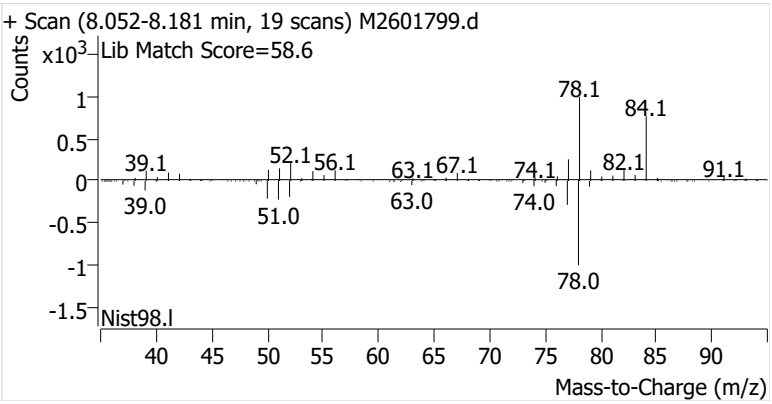
Benzene-d6 (IS)



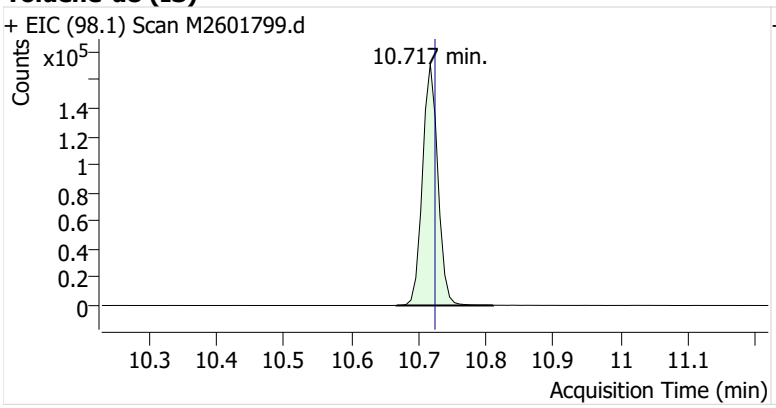


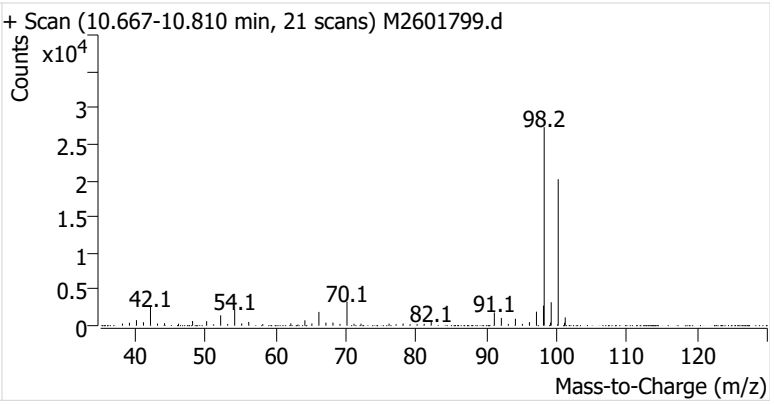
Benzene



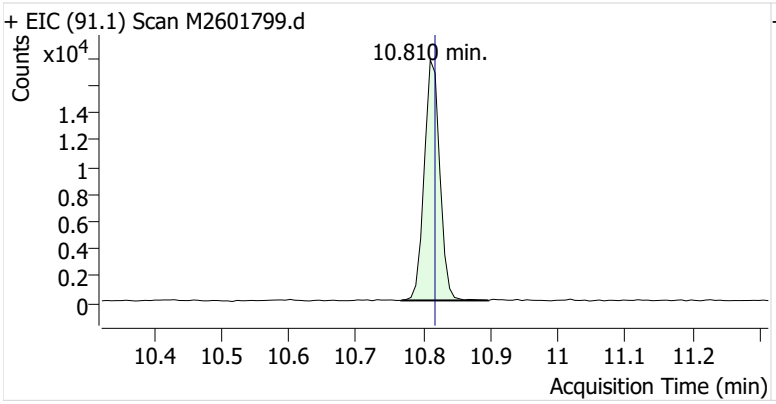


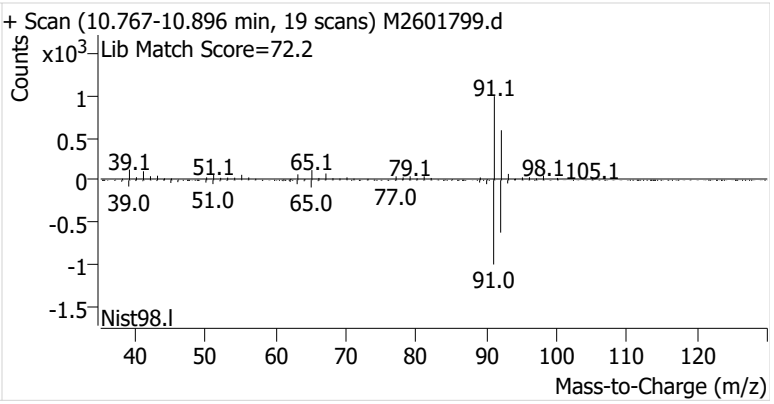
Toluene-d8 (IS)



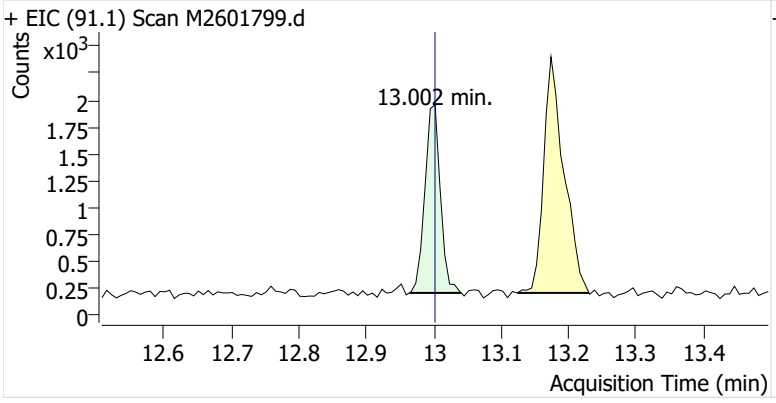


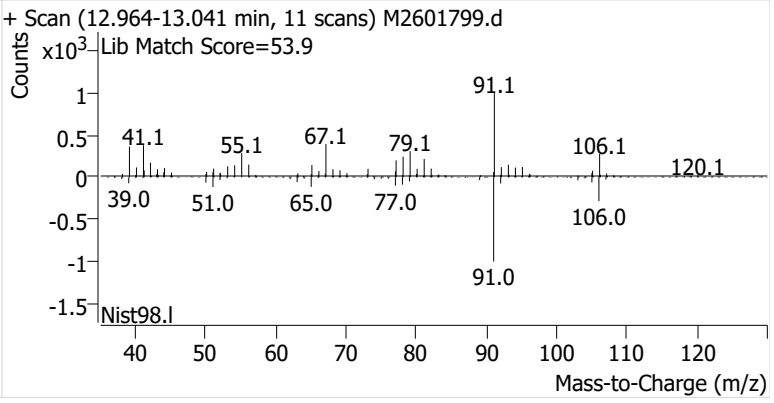
Toluene



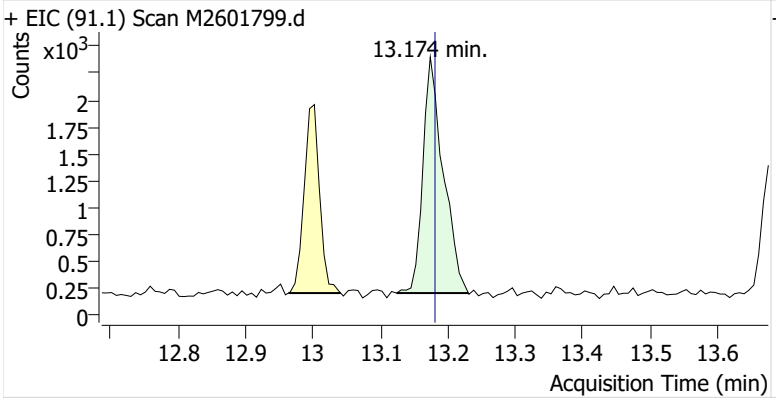


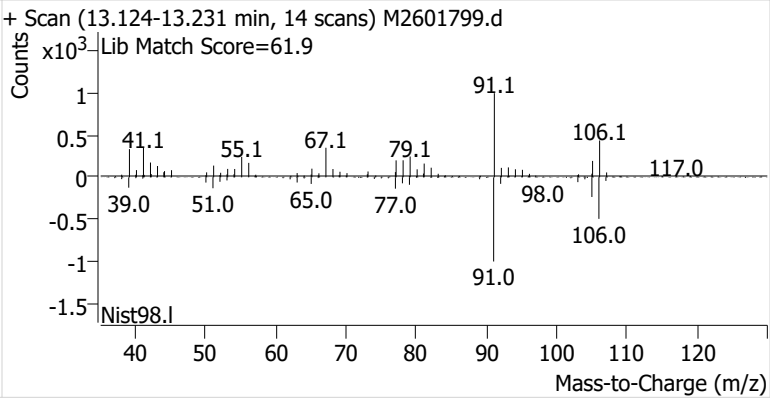
Ethylbenzene



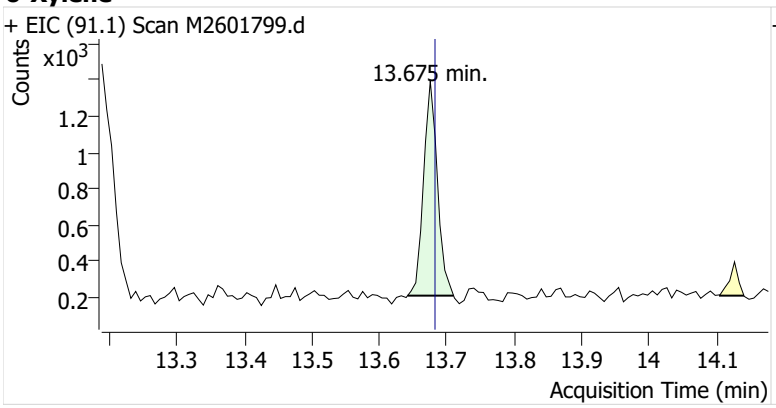


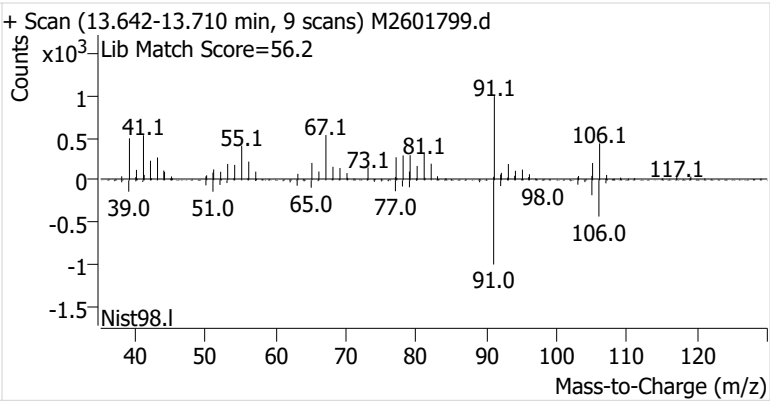
m-/p-Xylenes





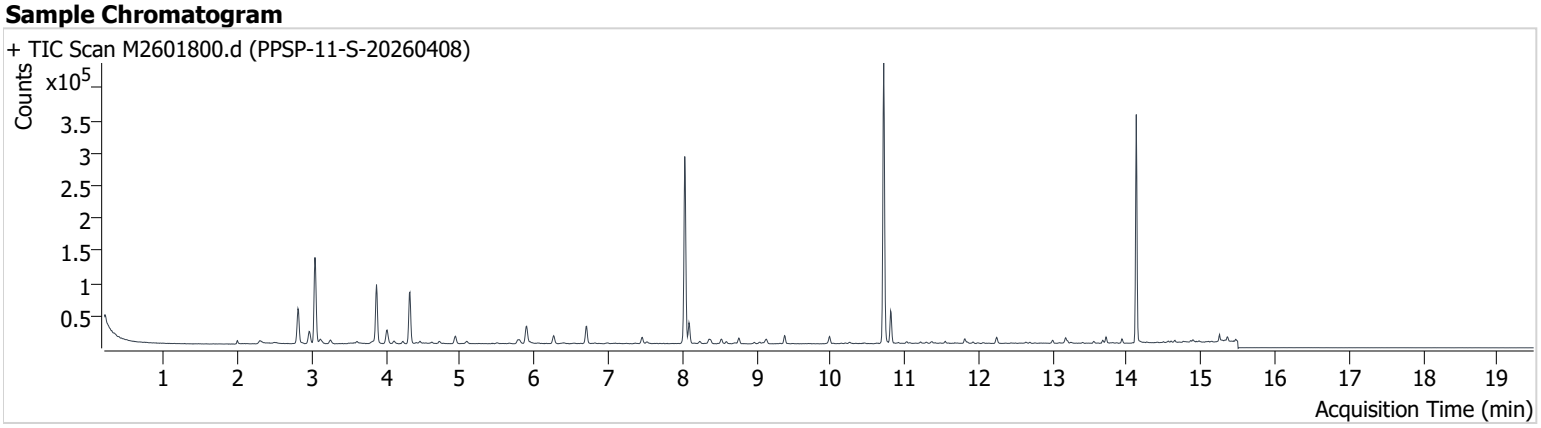
o-Xylene


+ EIC (91.1) Scan M2601799.d
Counts
x10^3
13.675 min.
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.710 min, 9 scans) M2601799.d
Counts
x10^3
Lib Match Score=56.2
91.1
41.1
55.1
67.1
73.1
81.1
106.1
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)

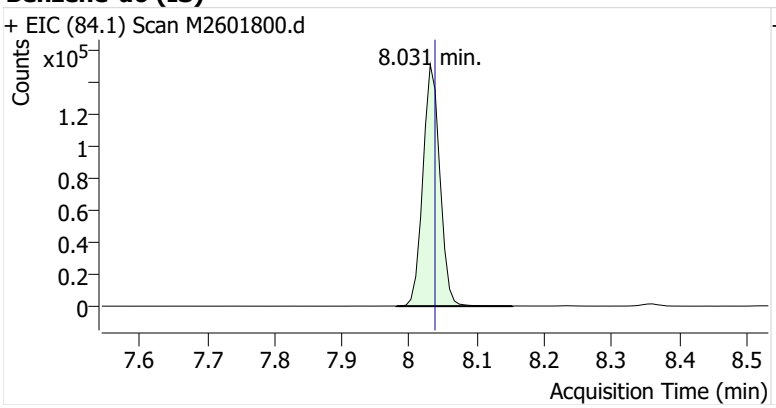
Name	PPSP-11-S-20260408
Comment	C43716
Data File	M2601800.d
Acq. Date-Time	4/26/2026 5:06:14 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

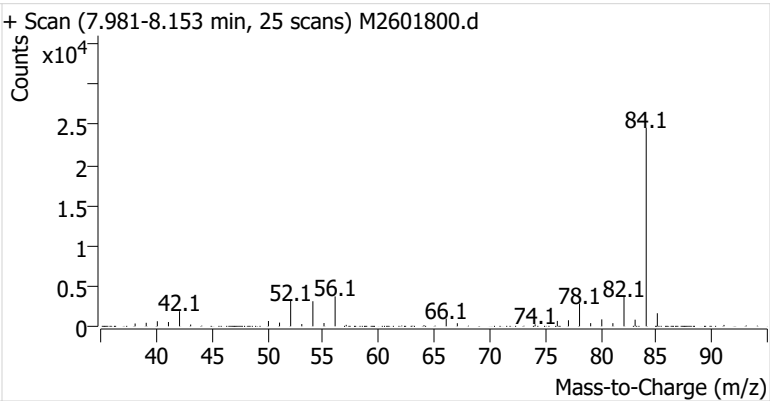
Sample Chromatogram



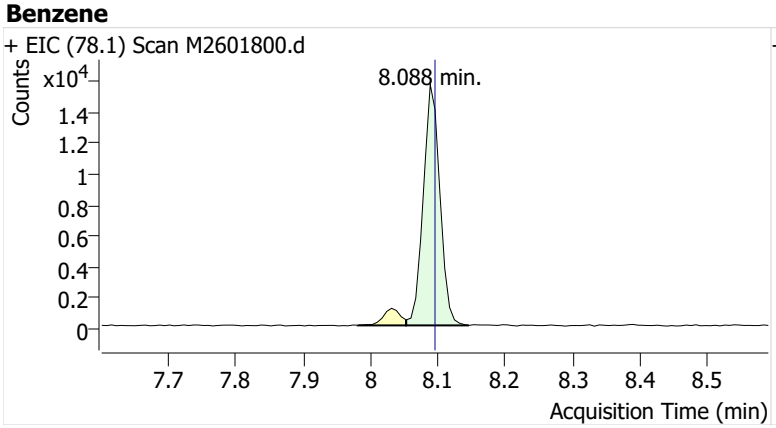
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	264,648	
Benzene	Benzene-d6 (IS)	8.088	8.095	26,911	
Toluene-d8 (IS)		10.717	10.724	273,010	
Toluene	Toluene-d8 (IS)	10.810	10.817	33,762	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,956	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	6,252	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	2,272	

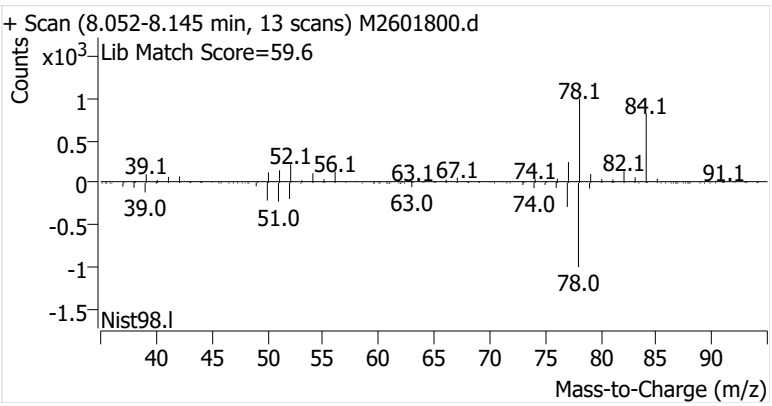
Benzene-d6 (IS)



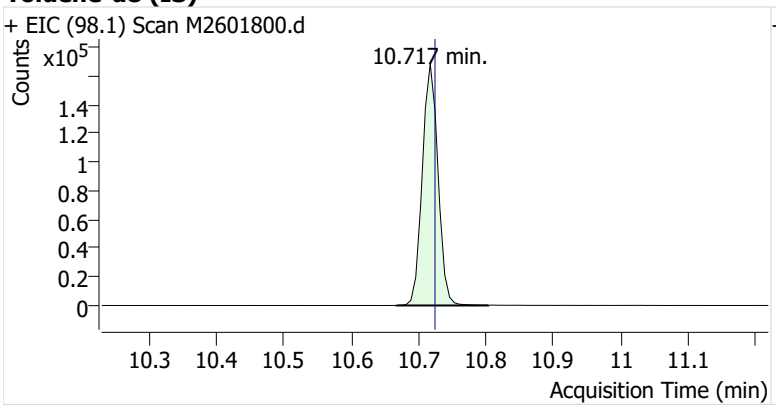


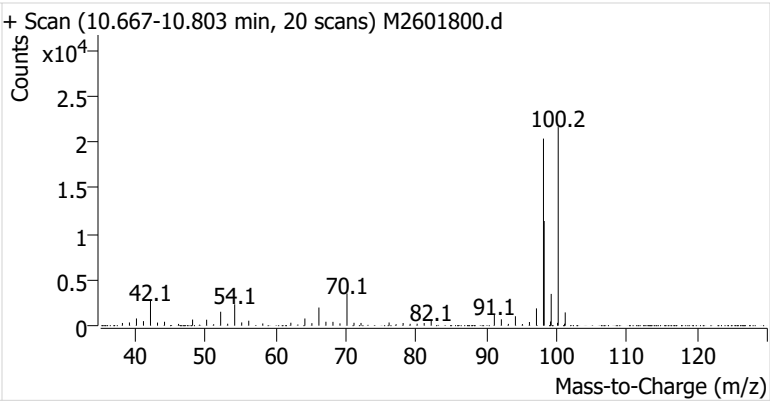
Benzene



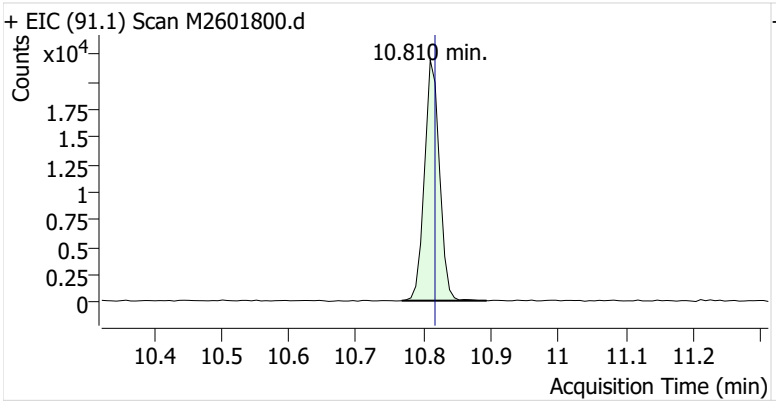


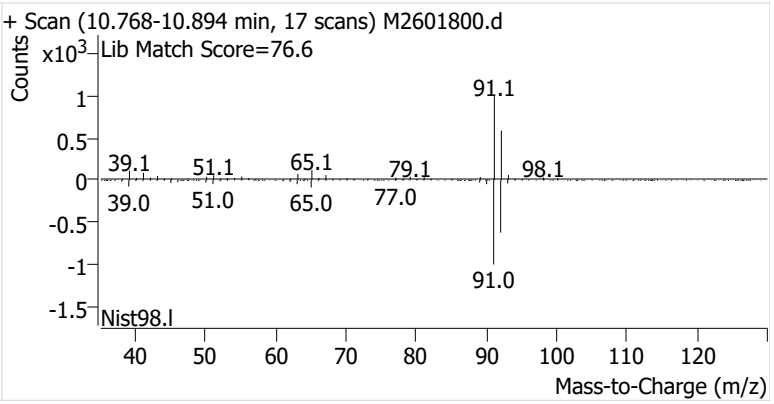
Toluene-d8 (IS)



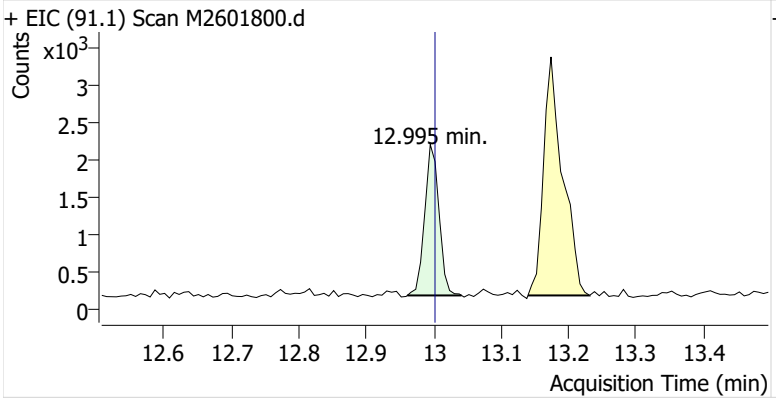


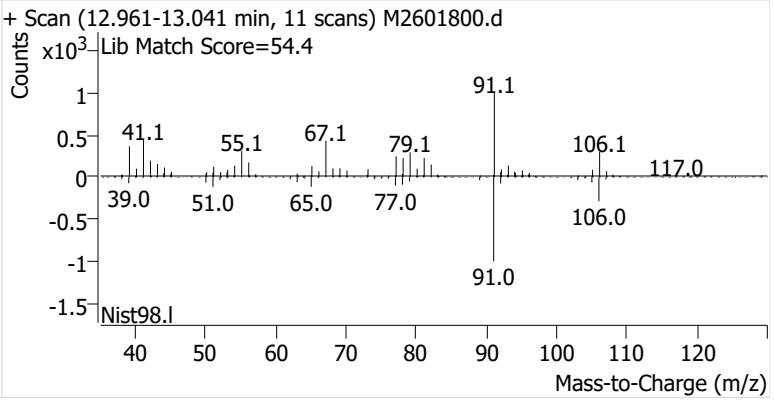
Toluene



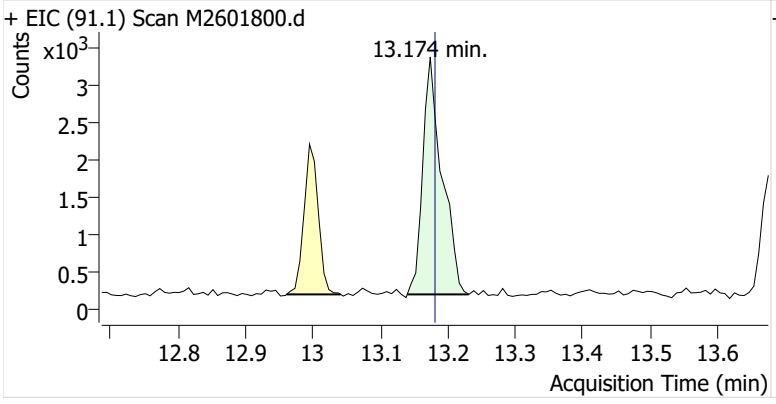


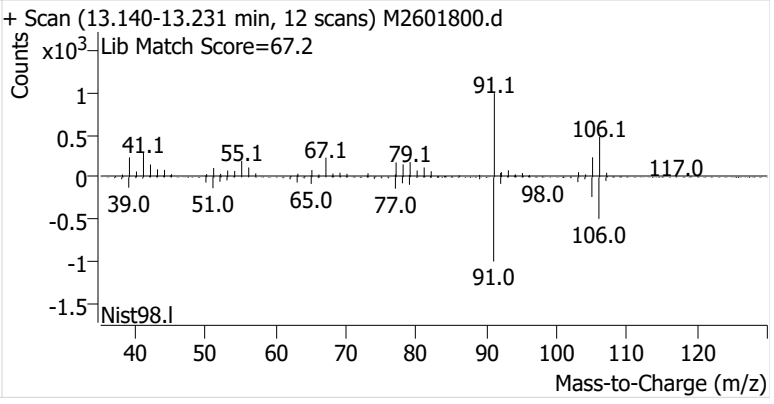
Ethylbenzene



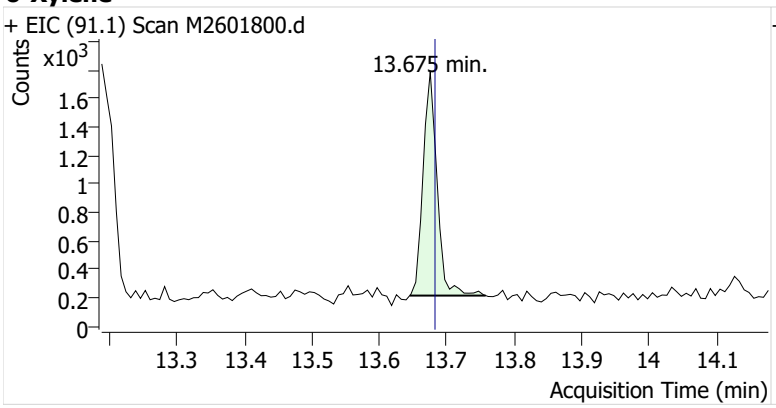


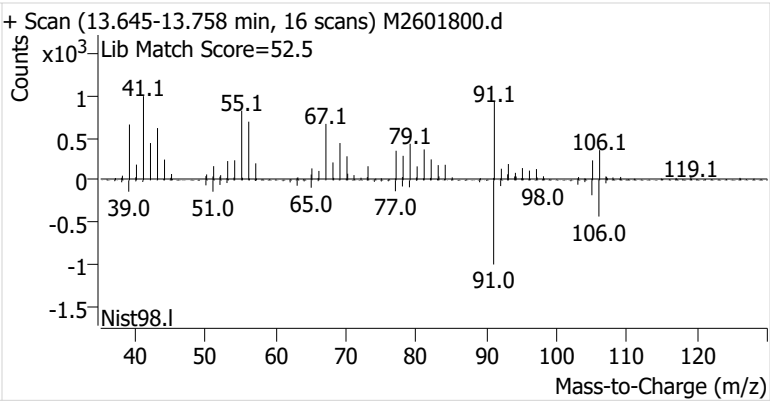
m-/p-Xylenes





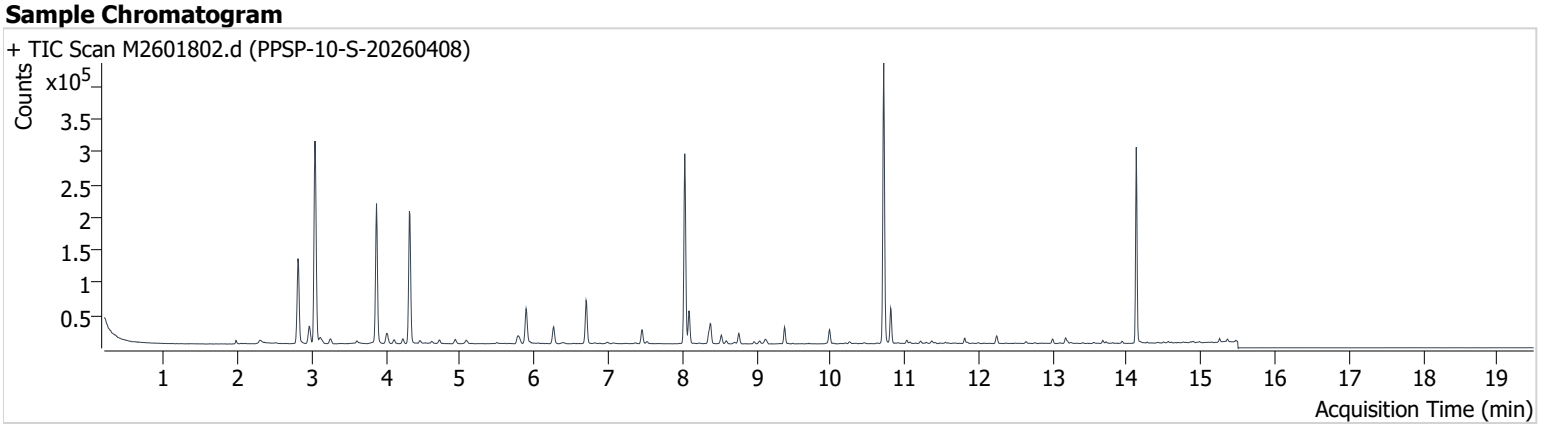
o-Xylene


+ EIC (91.1) Scan M2601800.d
Counts
x10^3
13.675 min.
1.6
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 (13.645-13.758 min, 16 scans) M2601800.d
Counts
x10^3
Lib Match Score=52.5
41.1
55.1
67.1
79.1
91.1
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)

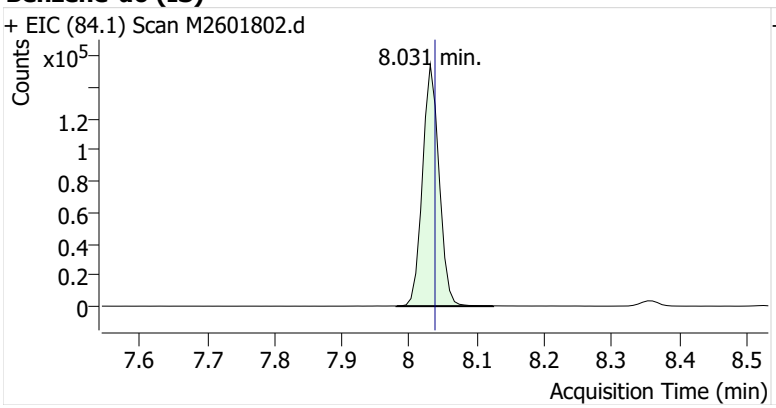
Name	PPSP-10-S-20260408
Comment	C35704
Data File	M2601802.d
Acq. Date-Time	4/26/2026 5:58:31 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

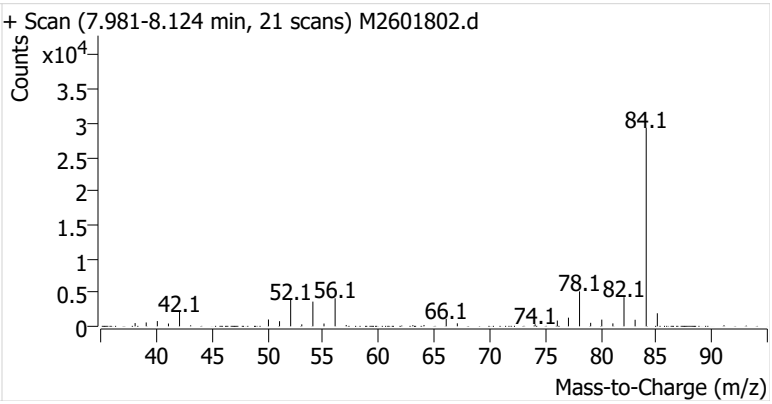
Sample Chromatogram



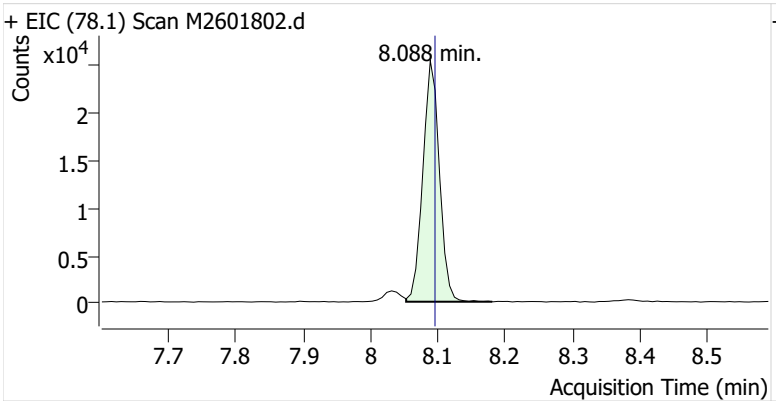
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	264,751	
Benzene	Benzene-d6 (IS)	8.088	8.095	43,367	
Toluene-d8 (IS)		10.717	10.724	271,817	
Toluene	Toluene-d8 (IS)	10.810	10.817	37,223	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	4,625	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	6,185	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	2,514	

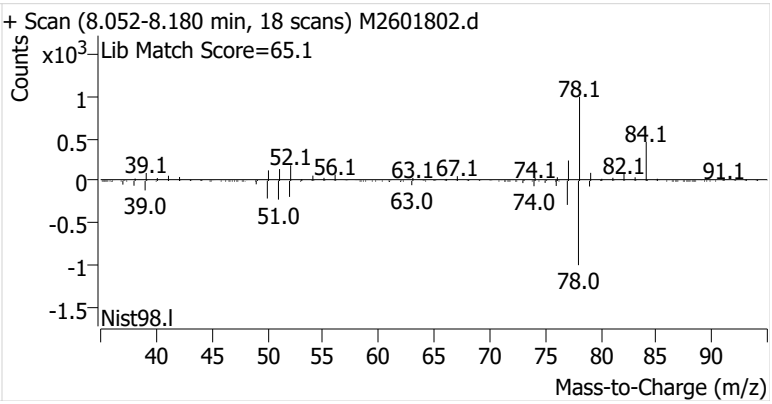
Benzene-d6 (IS)



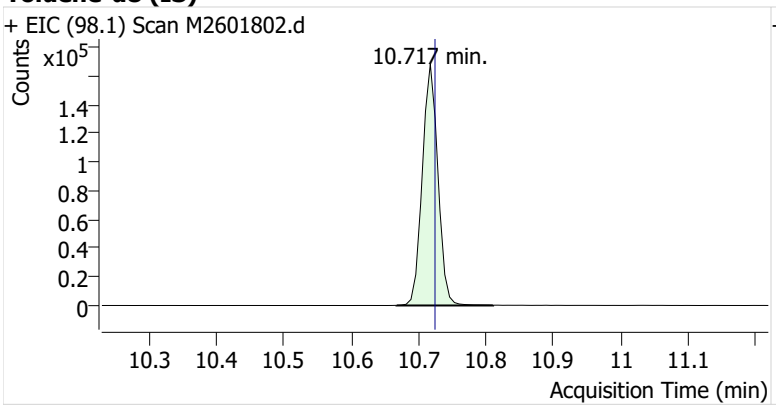


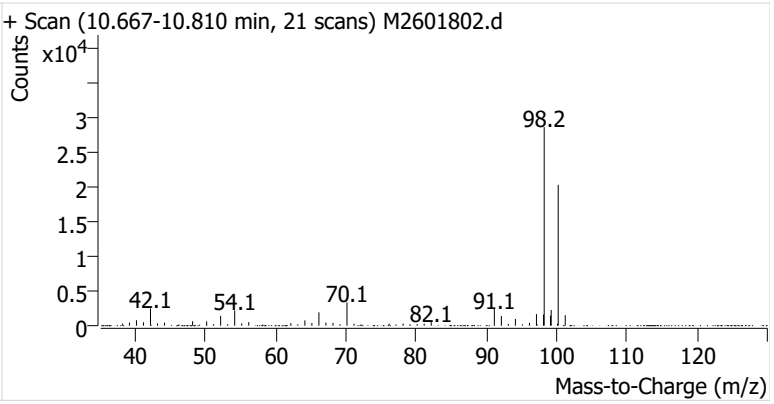
Benzene



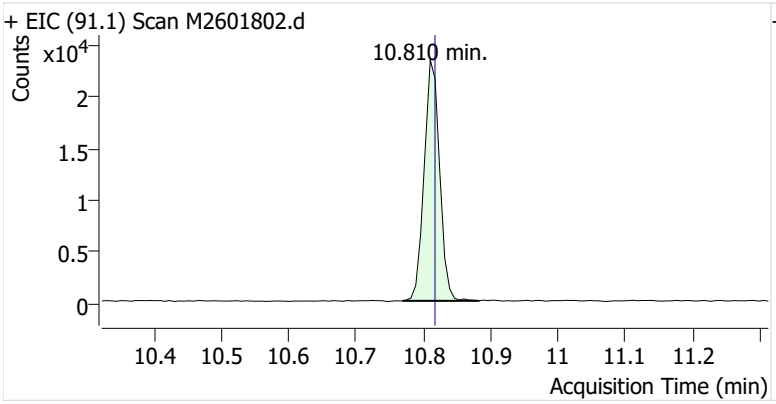


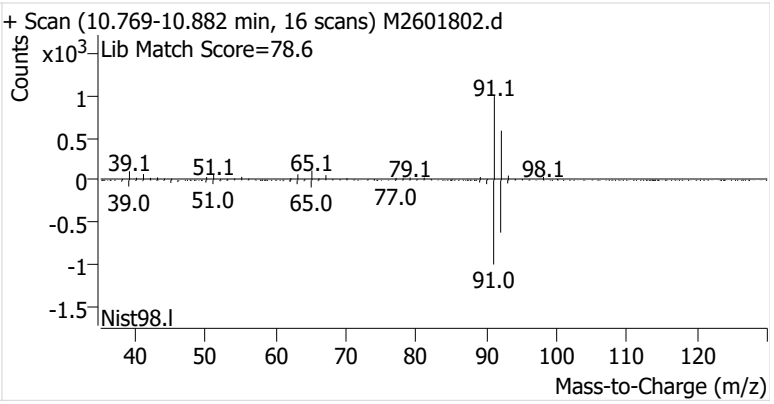
Toluene-d8 (IS)



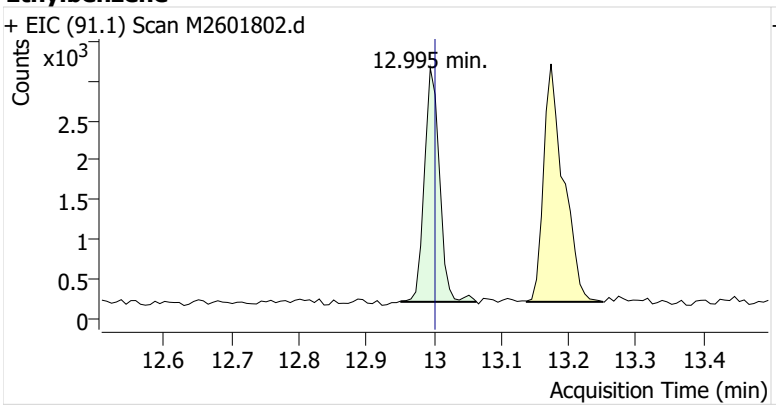


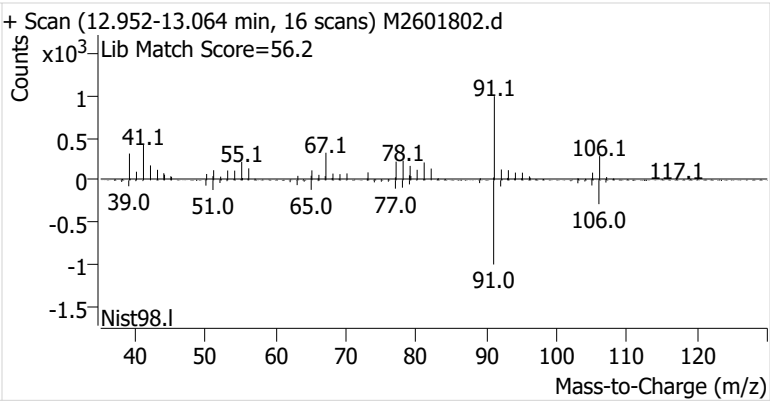
Toluene



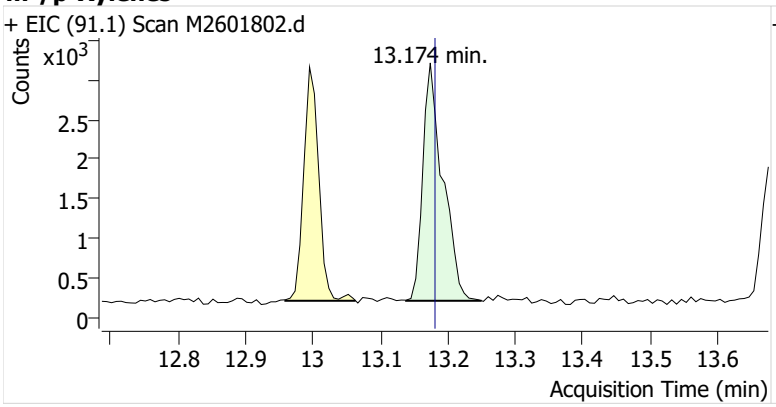


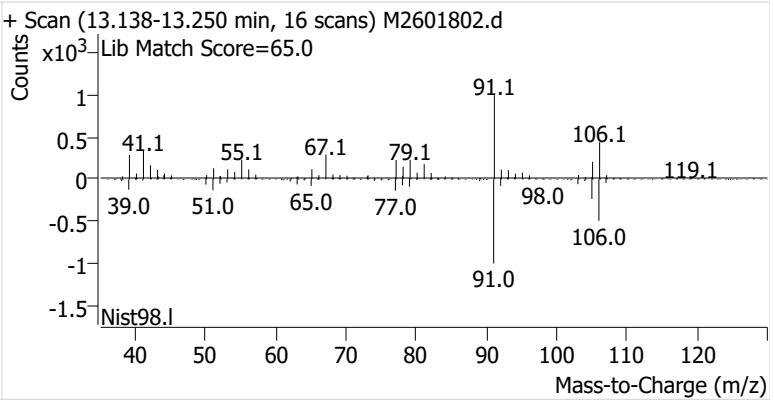
Ethylbenzene



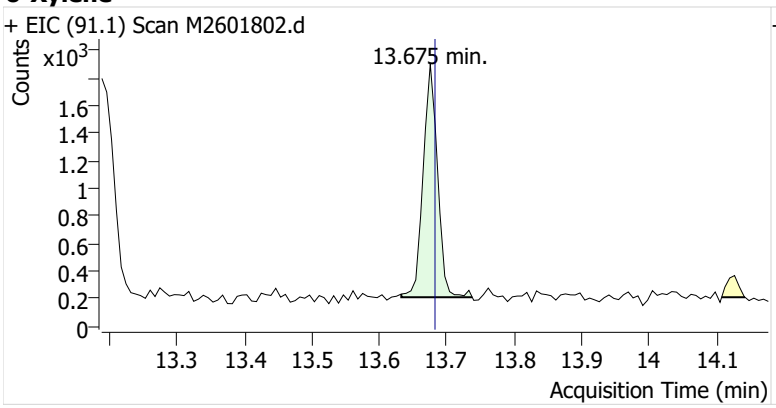


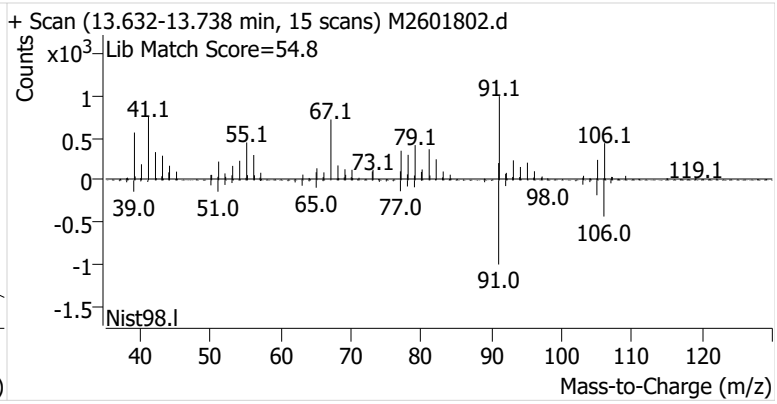
m-/p-Xylenes





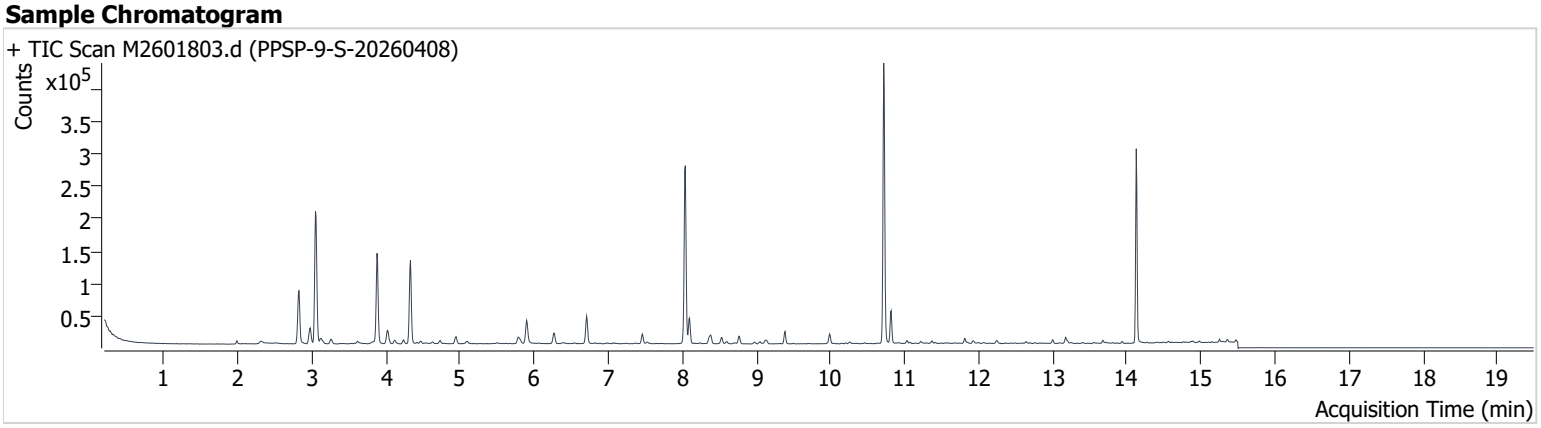
o-Xylene


+ EIC (91.1) Scan M2601802.d
Counts
x10^3
13.675 min.
1.6
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 (13.632-13.738 min, 15 scans) M2601802.d
Counts
x10^3
Lib Match Score=54.8
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
73.1
79.1
91.1
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)

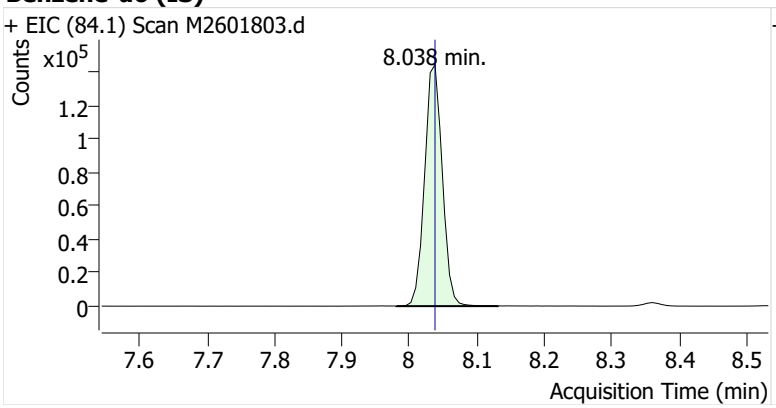
Name	PPSP-9-S-20260408
Comment	C24182
Data File	M2601803.d
Acq. Date-Time	4/26/2026 6:24:38 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

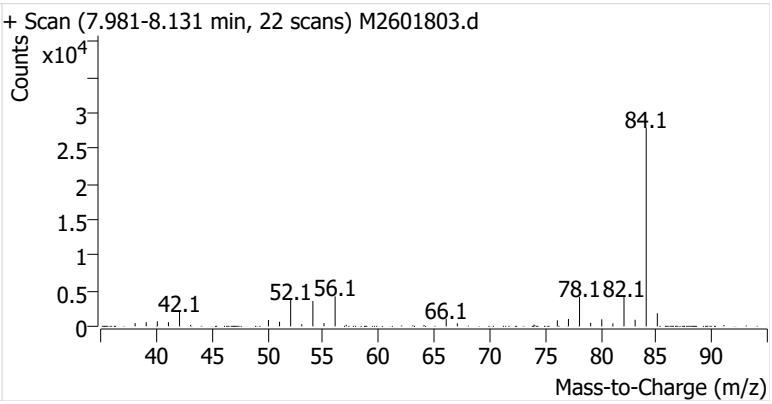
Sample Chromatogram



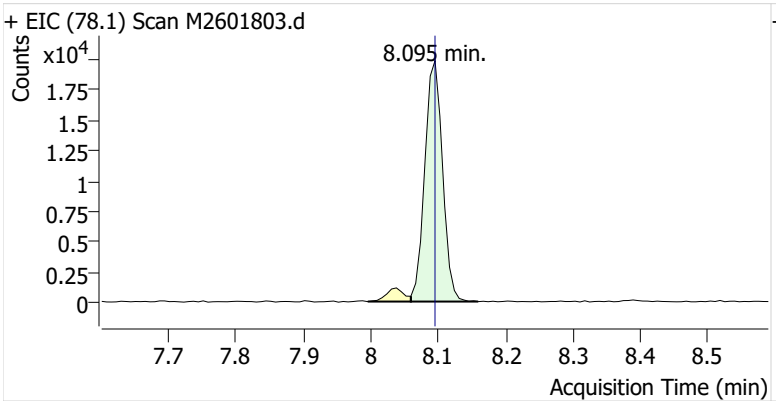
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	263,500	
Benzene	Benzene-d6 (IS)	8.095	8.095	35,978	
Toluene-d8 (IS)		10.717	10.724	280,611	
Toluene	Toluene-d8 (IS)	10.817	10.817	35,534	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	3,814	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	6,402	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	2,403	

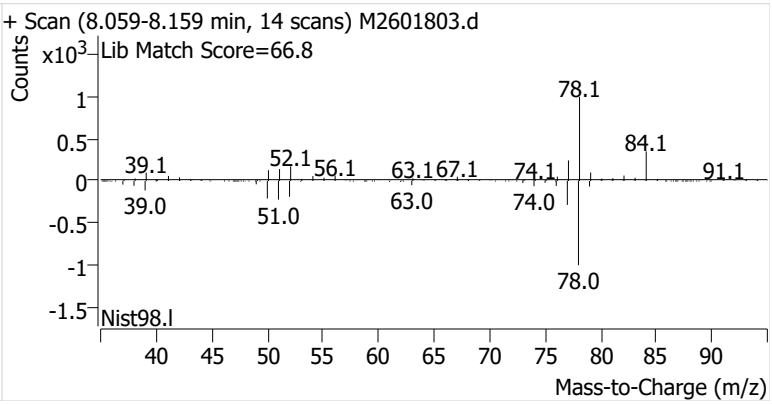
Benzene-d6 (IS)



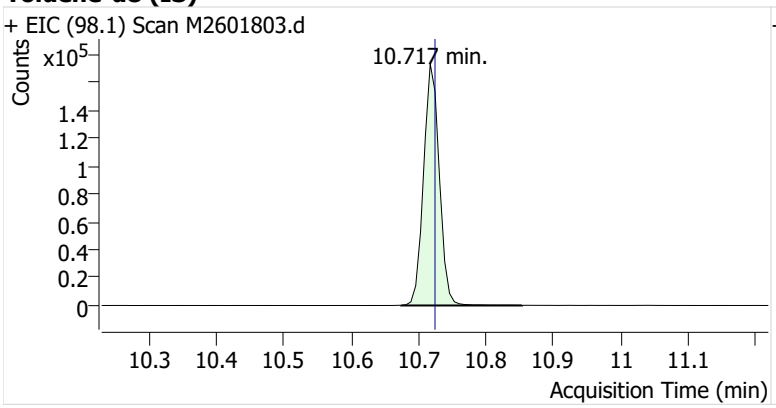


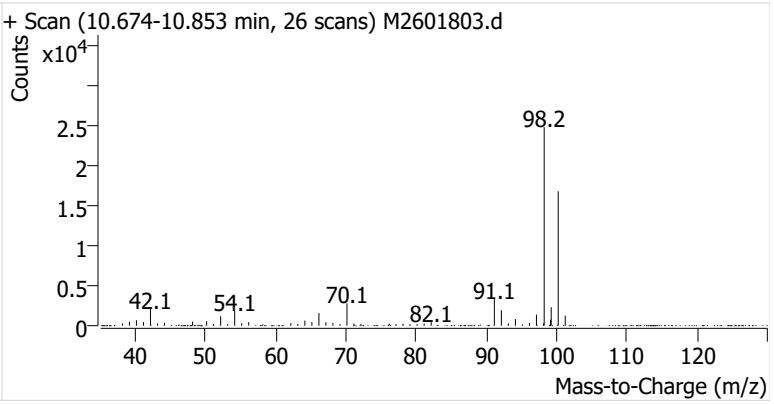
Benzene



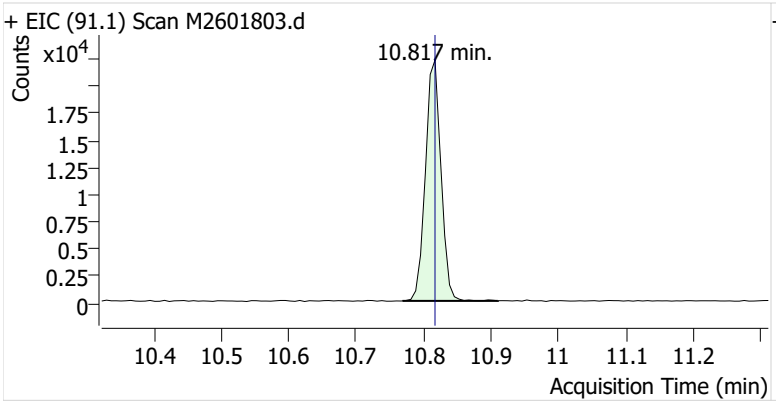


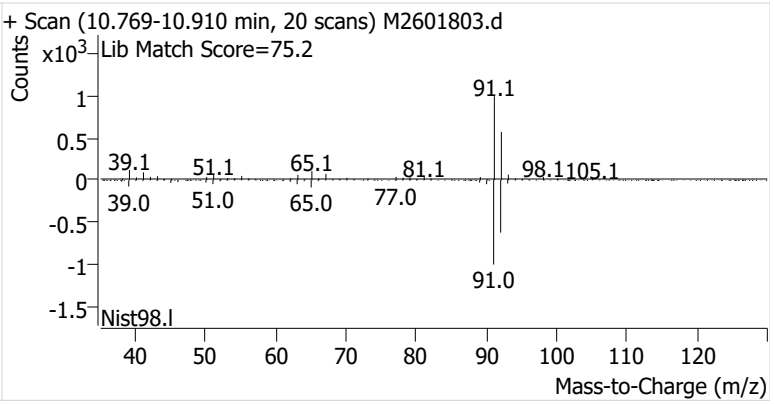
Toluene-d8 (IS)



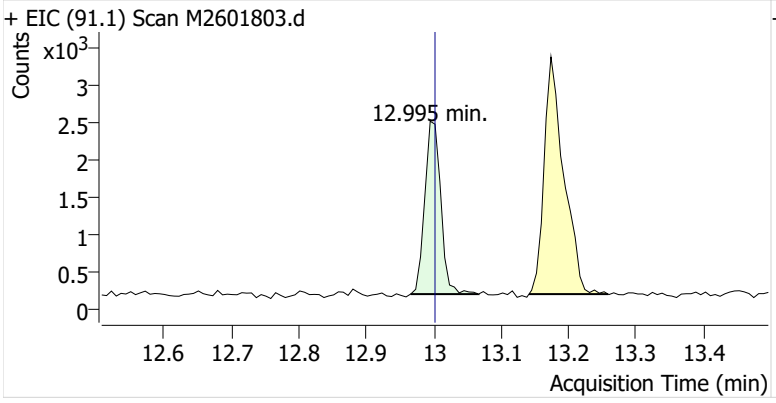


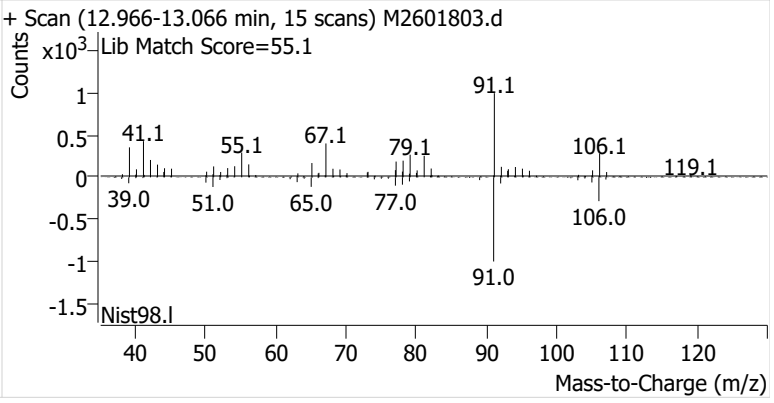
Toluene



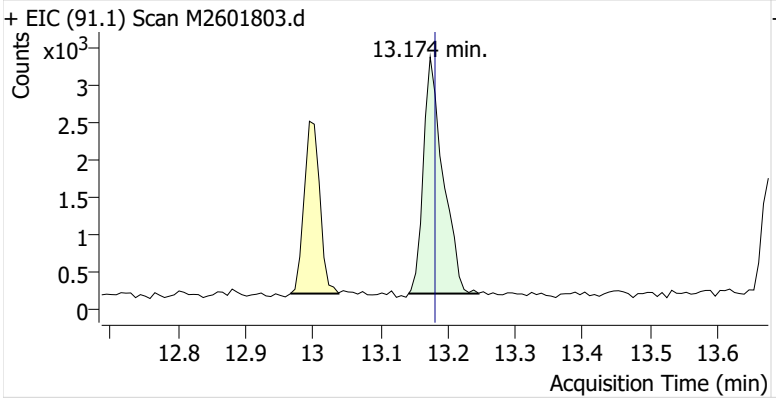


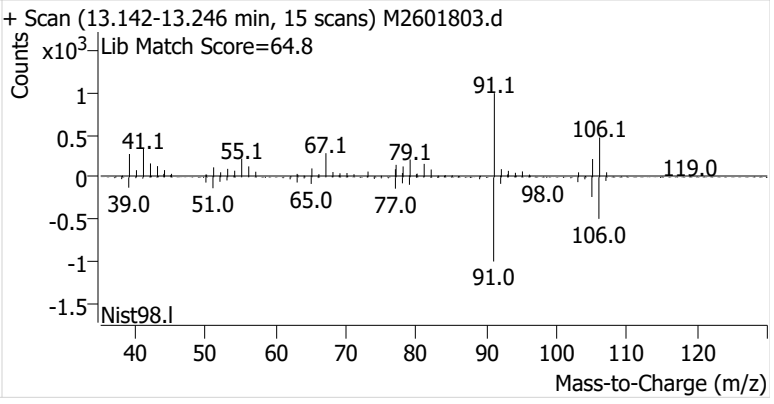
Ethylbenzene



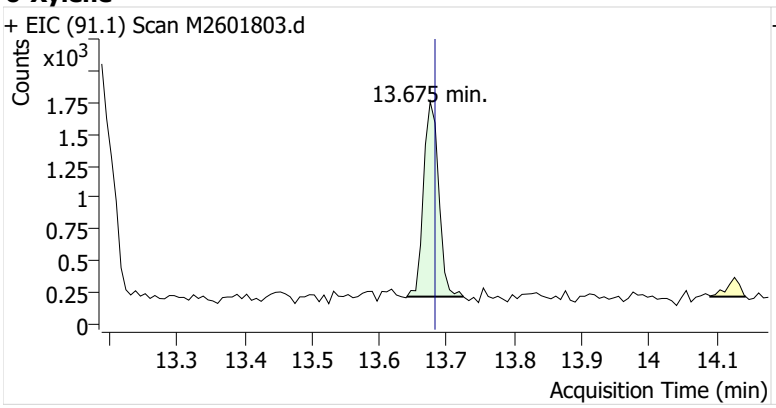


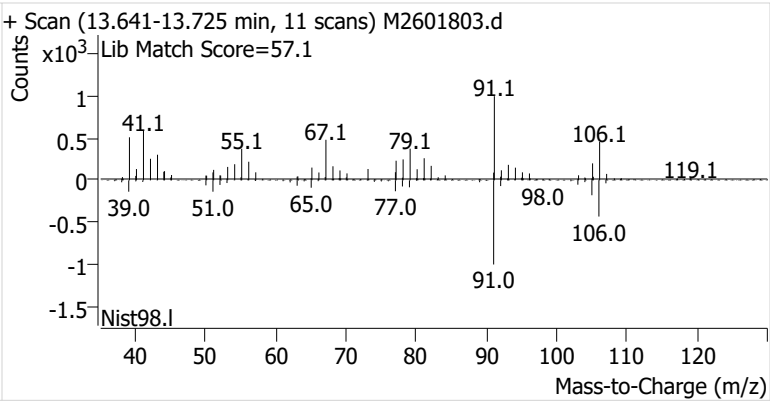
m-/p-Xylenes





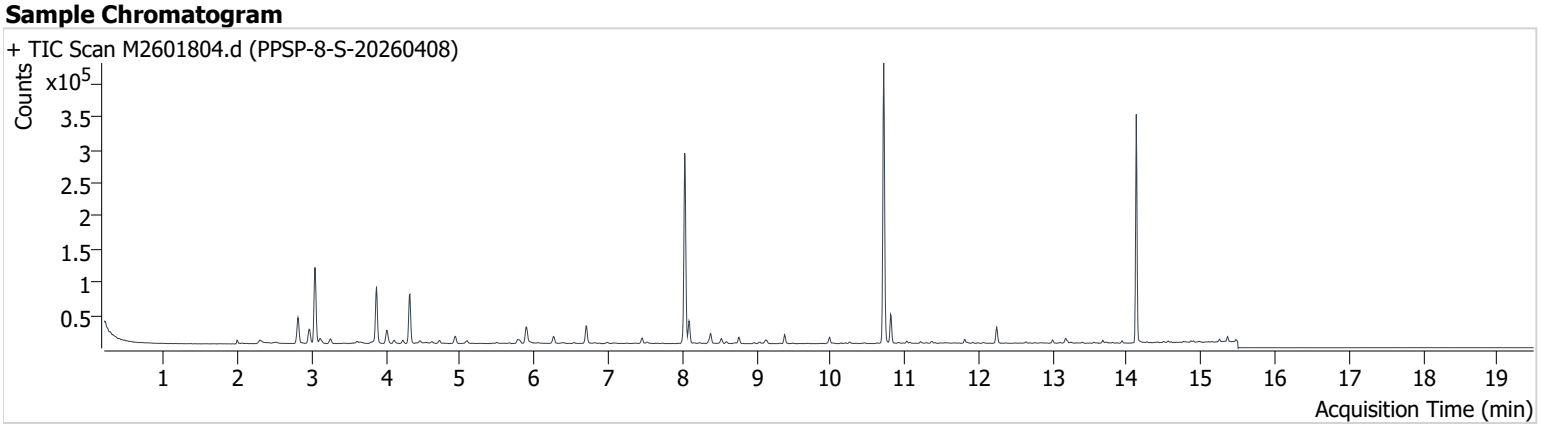
o-Xylene


+ EIC (91.1) Scan M2601803.d
Counts
x10^3
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.641-13.725 min, 11 scans) M2601803.d
Lib Match Score=57.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
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
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

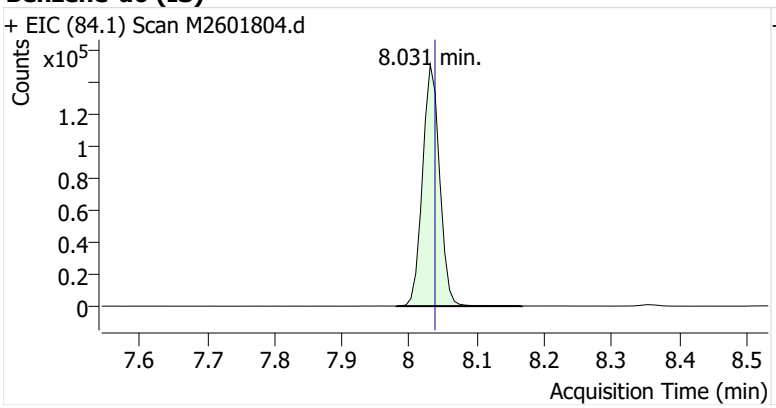
Name	PPSP-8-S-20260408
Comment	C56830
Data File	M2601804.d
Acq. Date-Time	4/26/2026 6:50:39 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

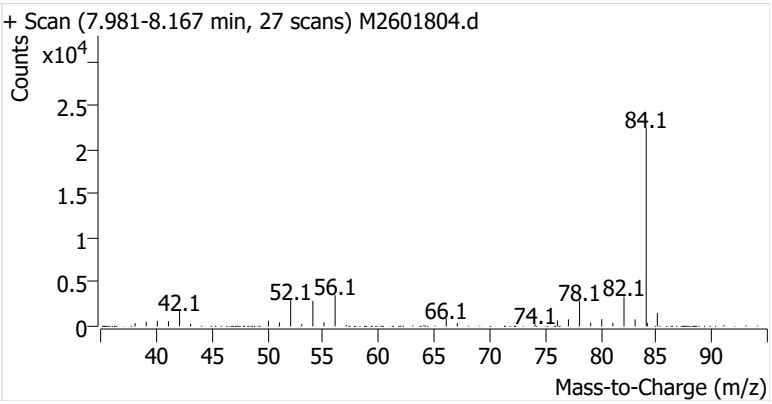
Sample Chromatogram



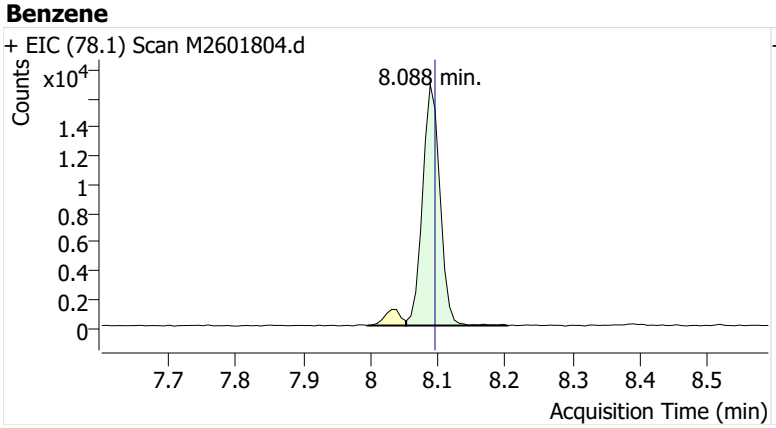
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	265,517	
Benzene	Benzene-d6 (IS)	8.088	8.095	30,246	
Toluene-d8 (IS)		10.717	10.724	273,764	
Toluene	Toluene-d8 (IS)	10.810	10.817	29,781	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	3,026	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	5,228	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,898	

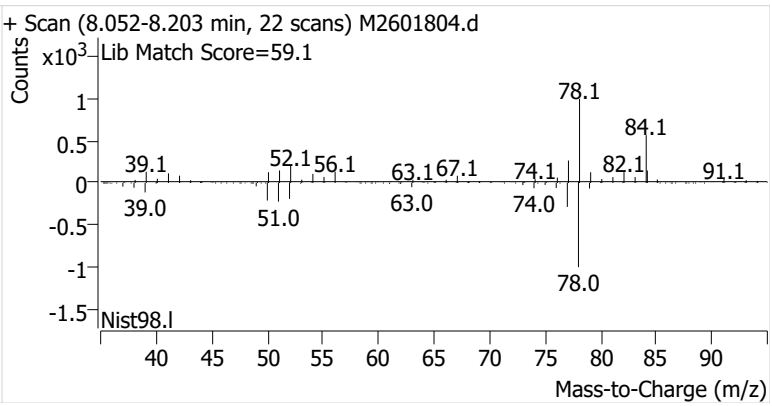
Benzene-d6 (IS)



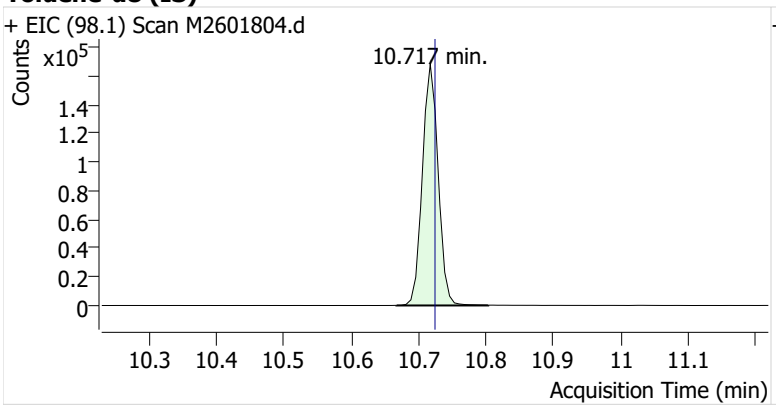


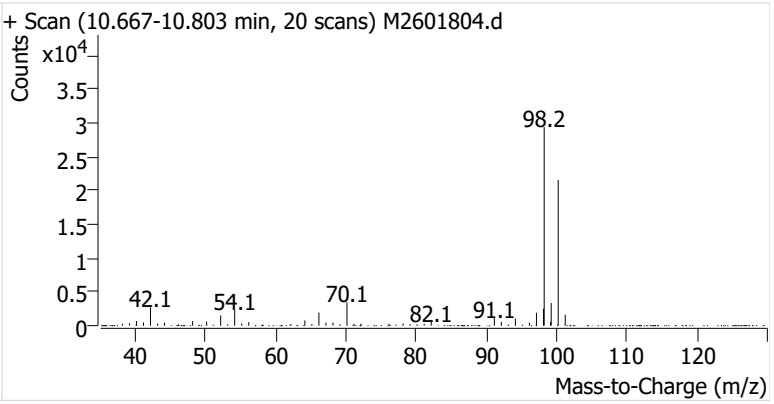
Benzene



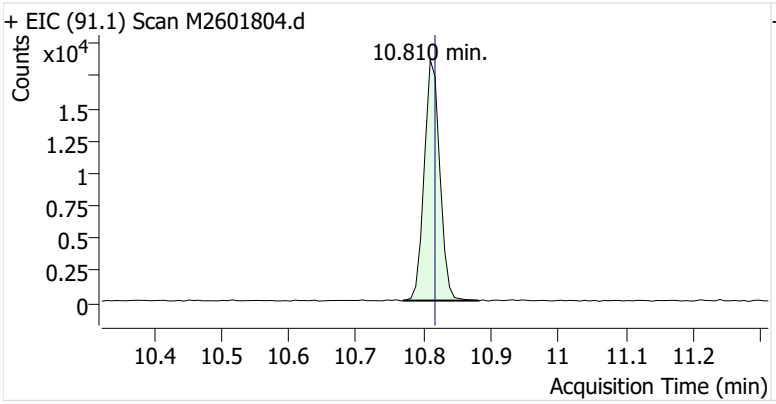


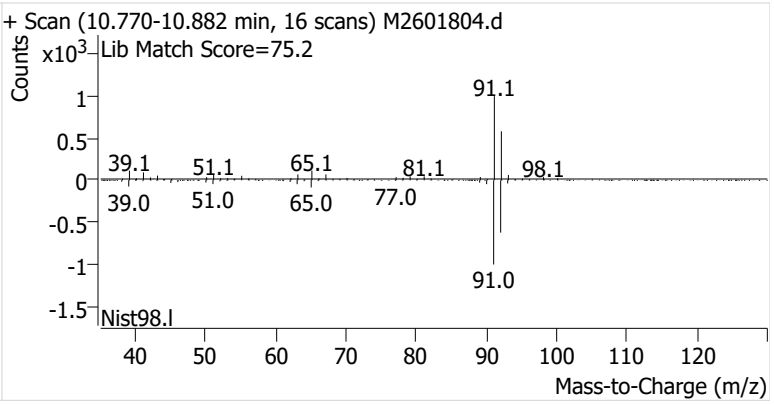
Toluene-d8 (IS)



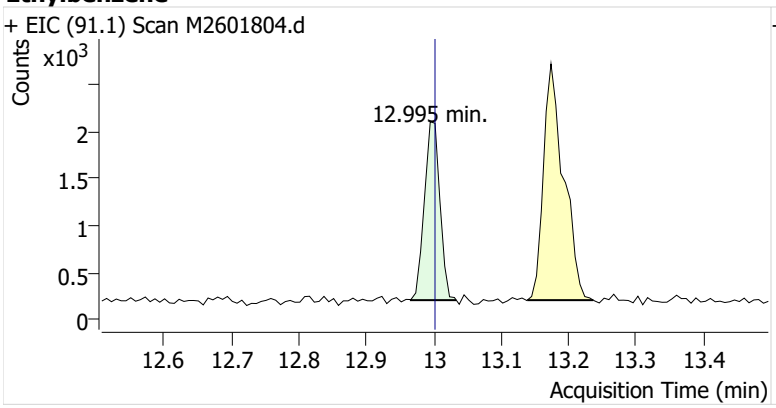


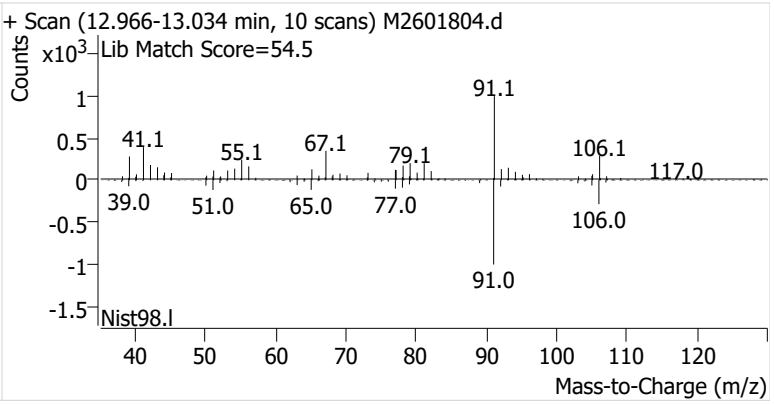
Toluene



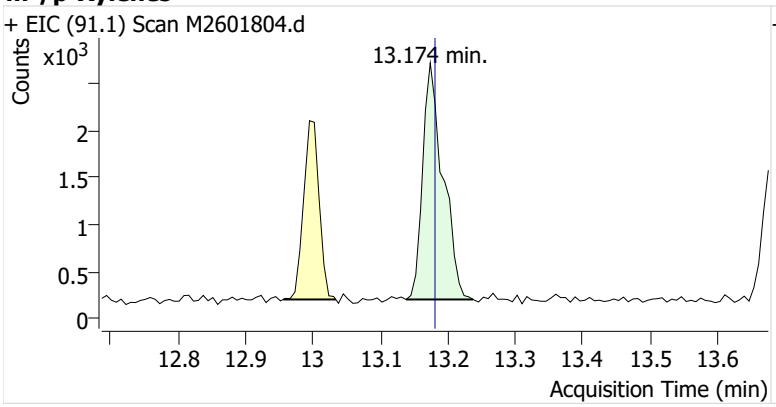


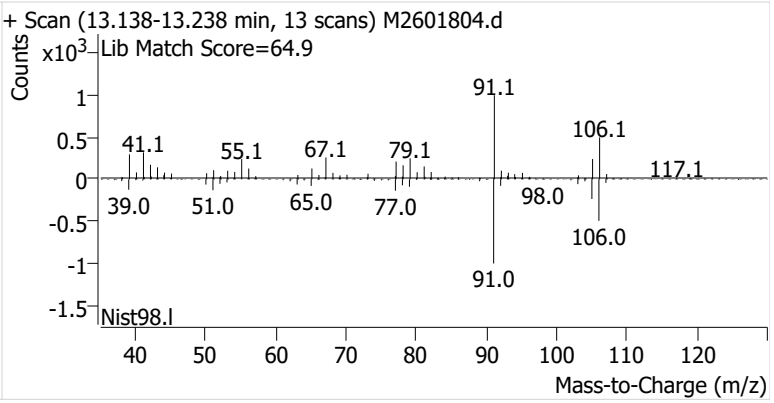
Ethylbenzene



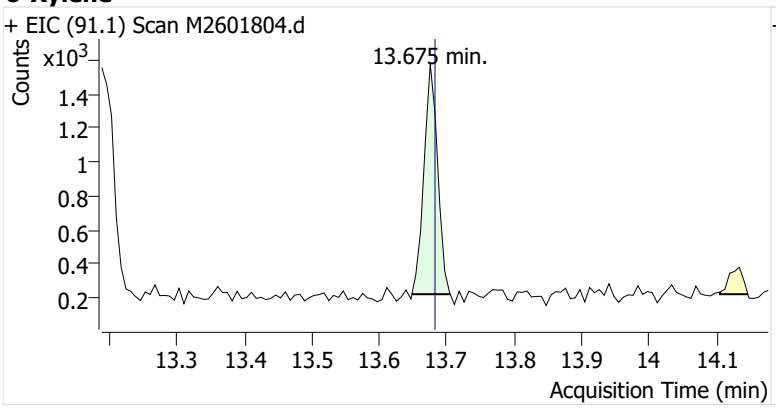


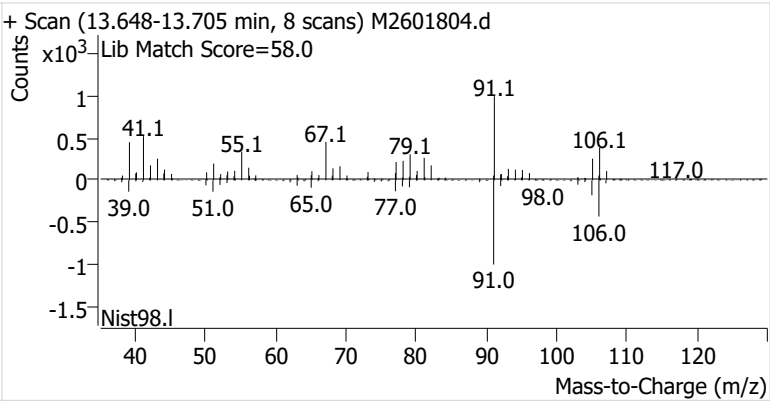
m-/p-Xylenes





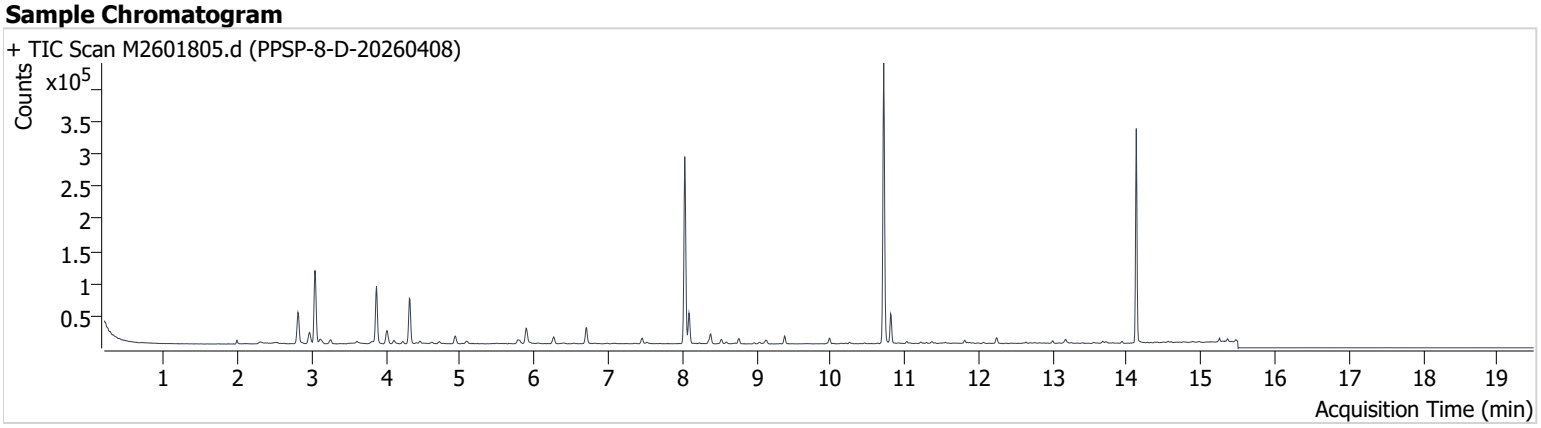
o-Xylene


+ EIC (91.1) Scan M2601804.d
Counts
x10^3
13.675 min.
1.4
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.648-13.705 min, 8 scans) M2601804.d
Counts
x10^3
Lib Match Score=58.0
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
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)

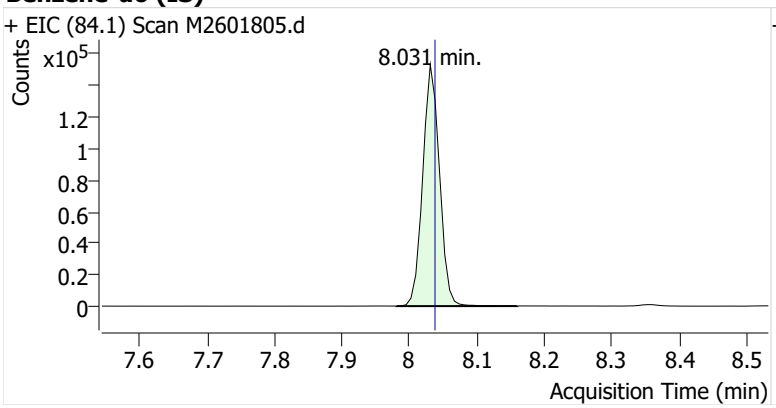
Name	PPSP-8-D-20260408
Comment	B48100
Data File	M2601805.d
Acq. Date-Time	4/26/2026 7:17:03 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

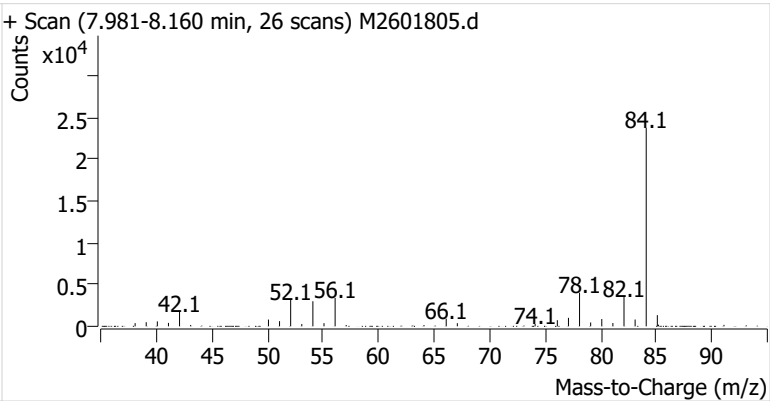
Sample Chromatogram



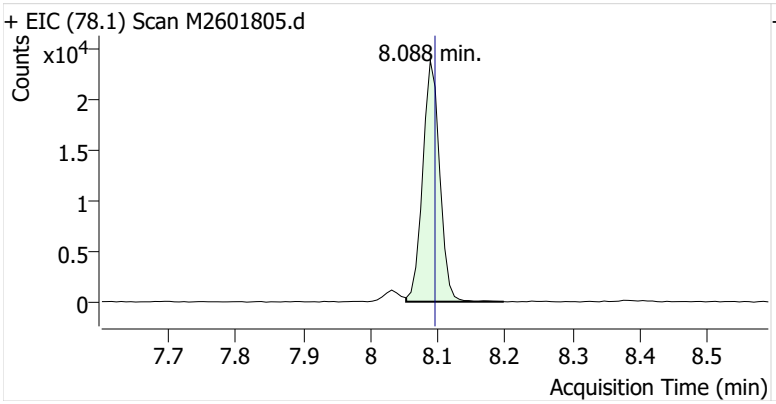
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	264,846	
Benzene	Benzene-d6 (IS)	8.088	8.095	41,423	
Toluene-d8 (IS)		10.717	10.724	273,242	
Toluene	Toluene-d8 (IS)	10.810	10.817	31,304	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	2,513	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	3,661	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,506	

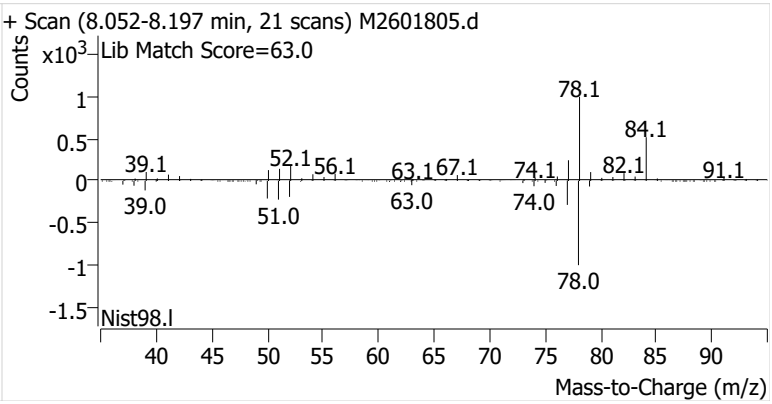
Benzene-d6 (IS)



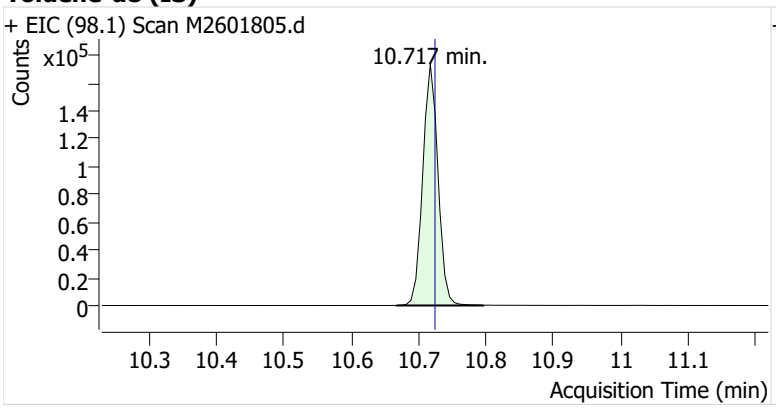


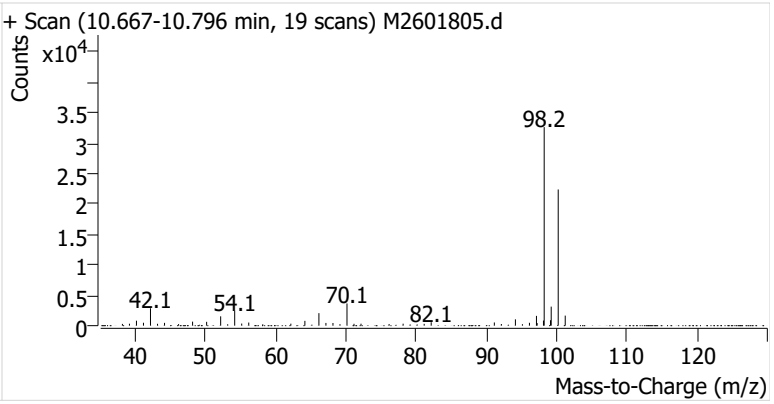
Benzene



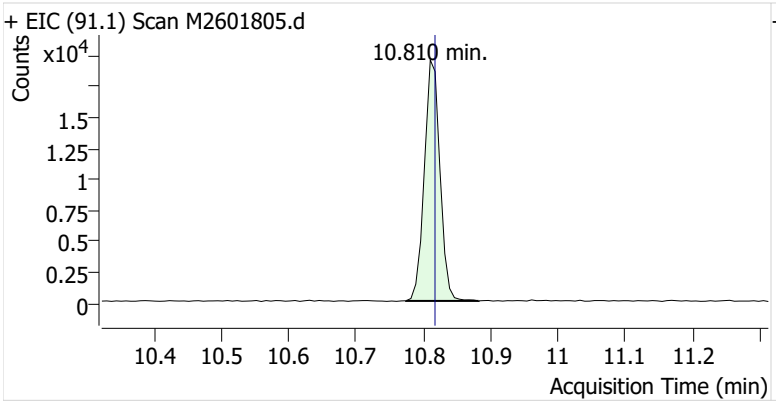


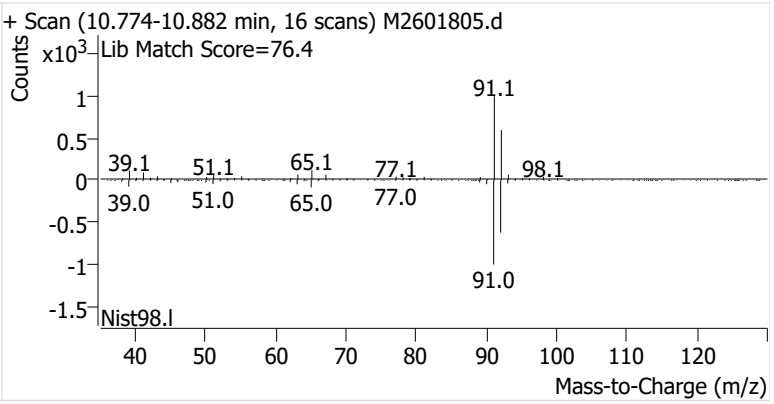
Toluene-d8 (IS)



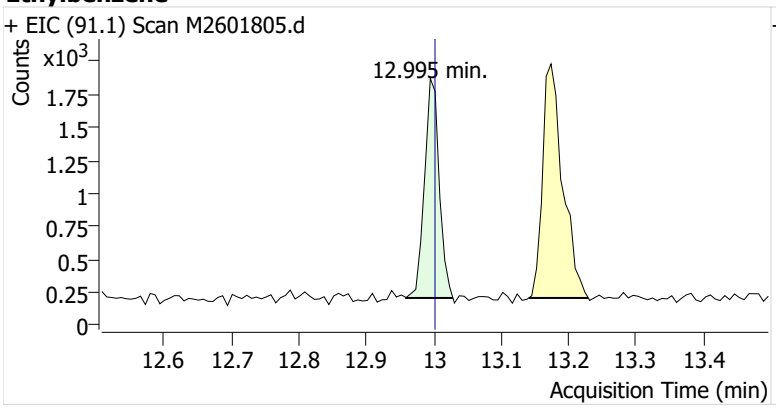


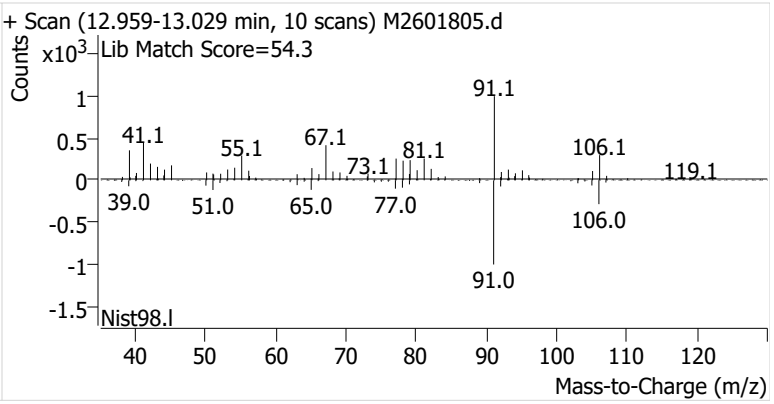
Toluene



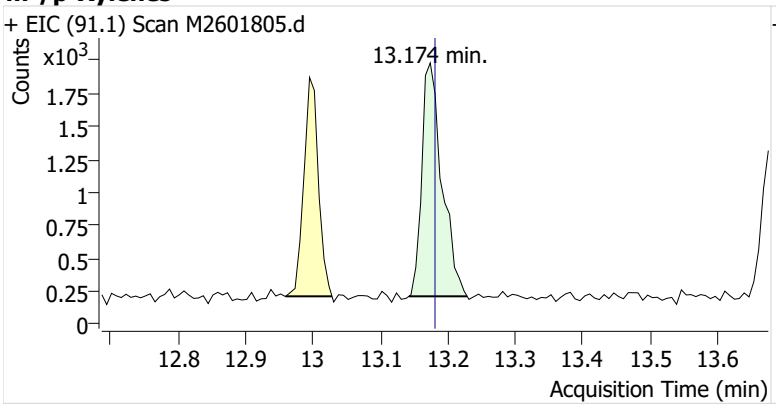


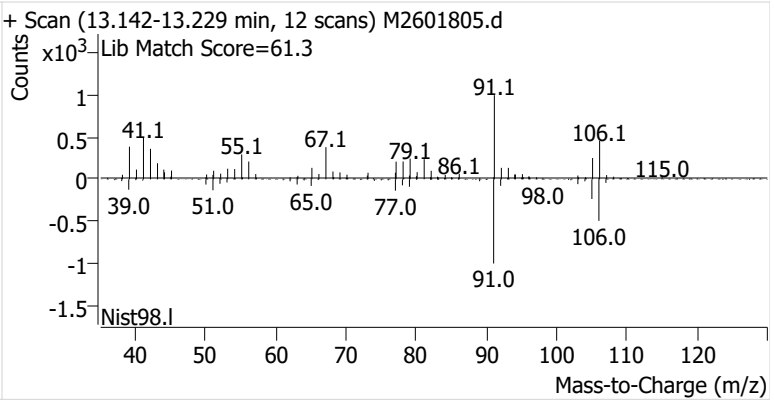
Ethylbenzene



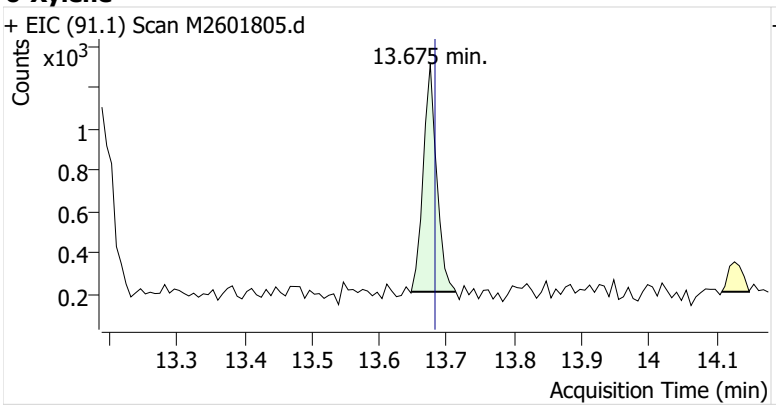


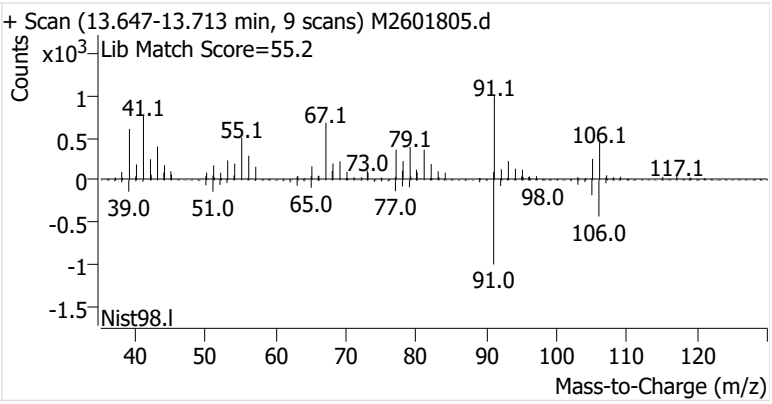
m-/p-Xylenes





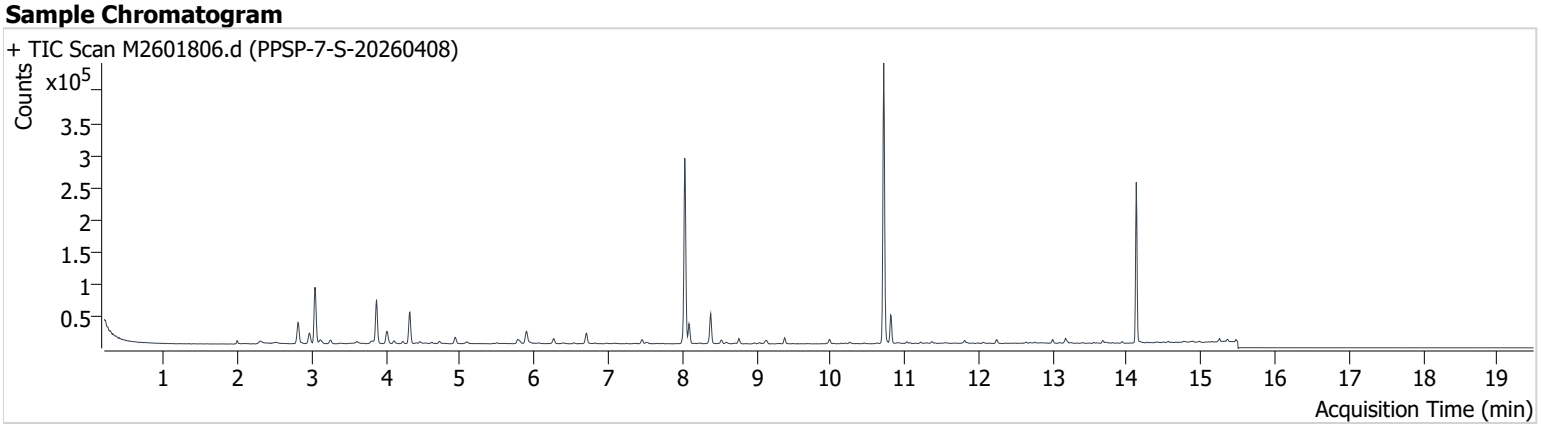
o-Xylene


+ EIC (91.1) Scan M2601805.d
Counts
x10^3
13.675 min.
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.647-13.713 min, 9 scans) M2601805.d
Lib Match Score=55.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
106.1
117.1
73.0
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)

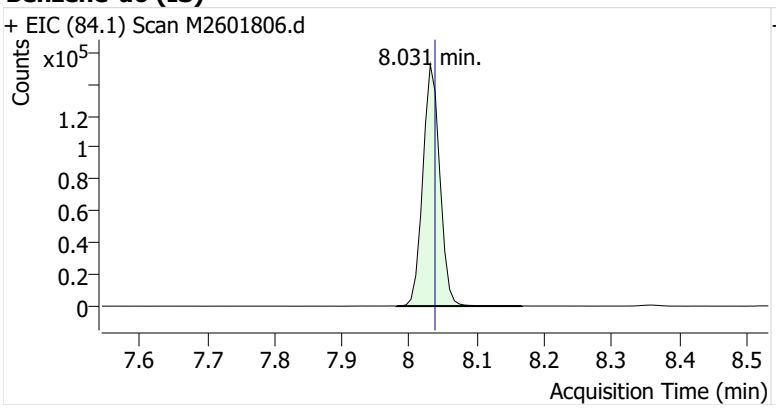
Name	PPSP-7-S-20260408
Comment	C17176
Data File	M2601806.d
Acq. Date-Time	4/26/2026 7:43:06 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

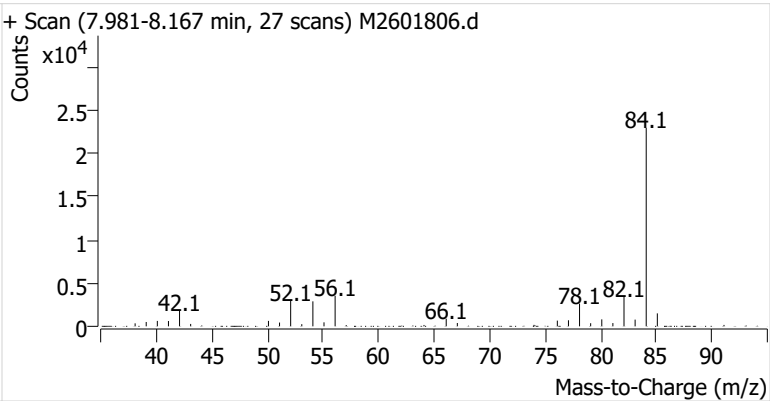
Sample Chromatogram



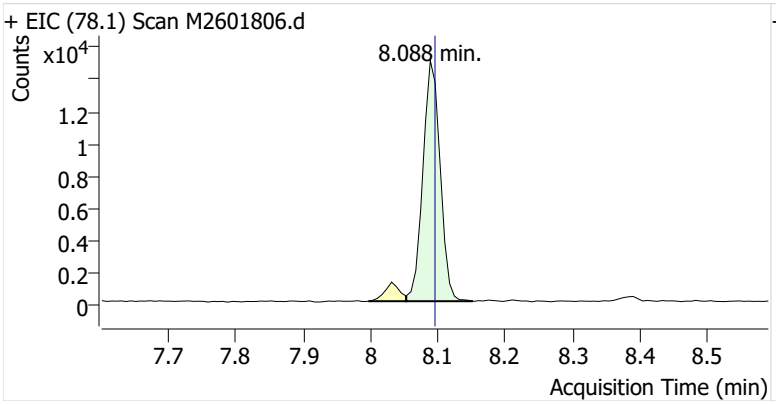
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.031	8.038	265,709	
Benzene	Benzene-d6 (IS)	8.088	8.095	26,745	
Toluene-d8 (IS)		10.717	10.724	276,511	
Toluene	Toluene-d8 (IS)	10.810	10.817	30,803	
Ethylbenzene	Toluene-d8 (IS)	13.002	13.002	3,792	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	5,066	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	1,993	

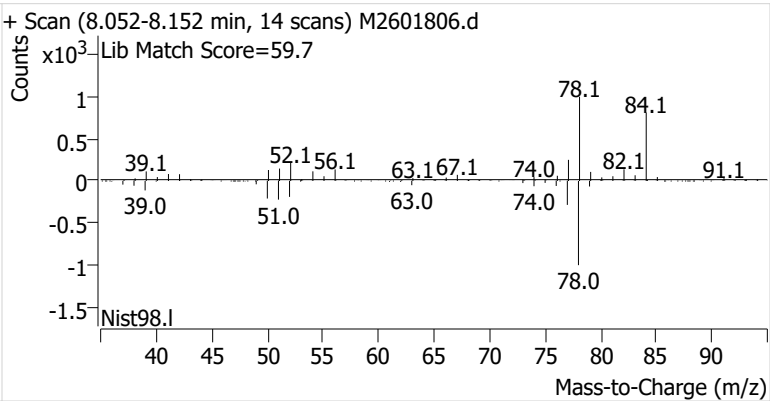
Benzene-d6 (IS)



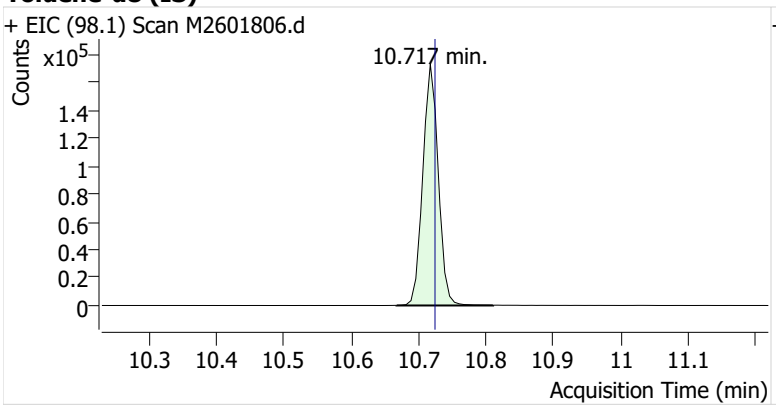


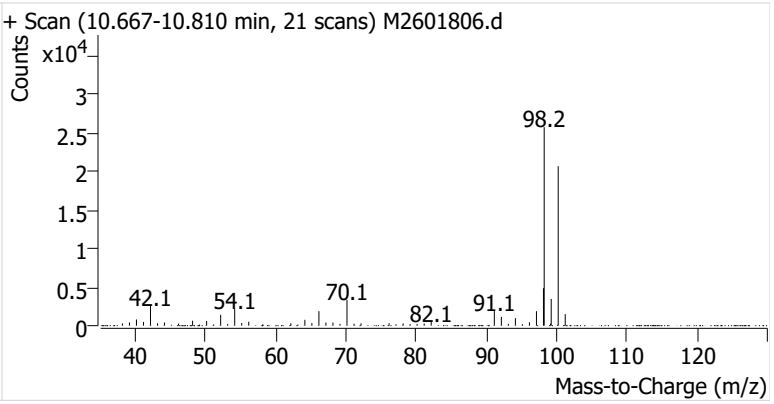
Benzene



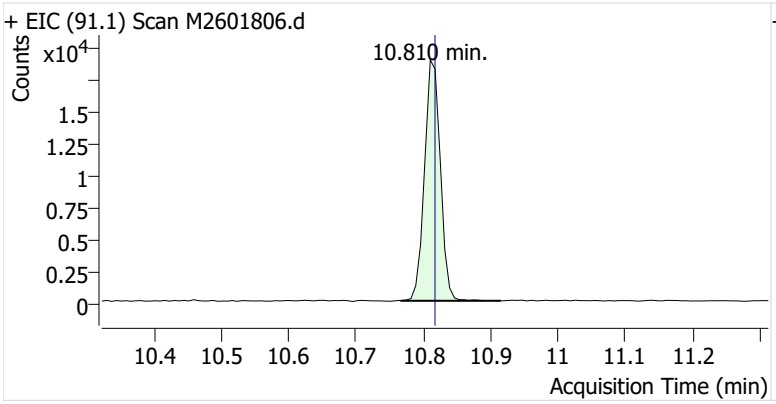


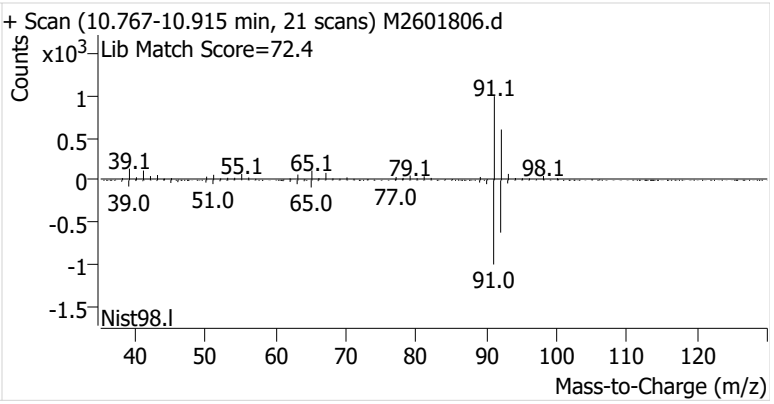
Toluene-d8 (IS)



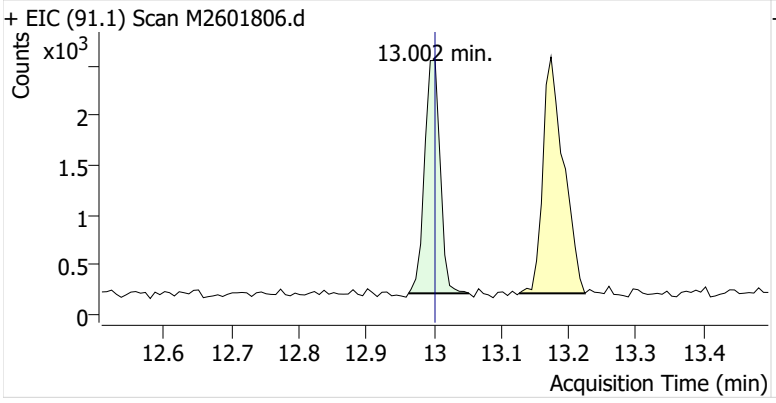


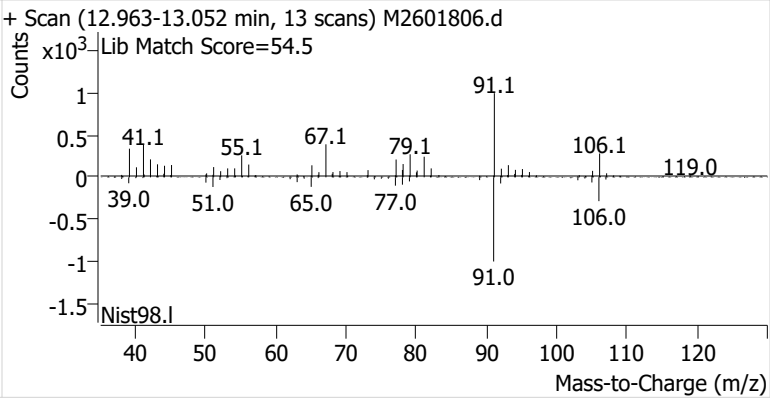
Toluene



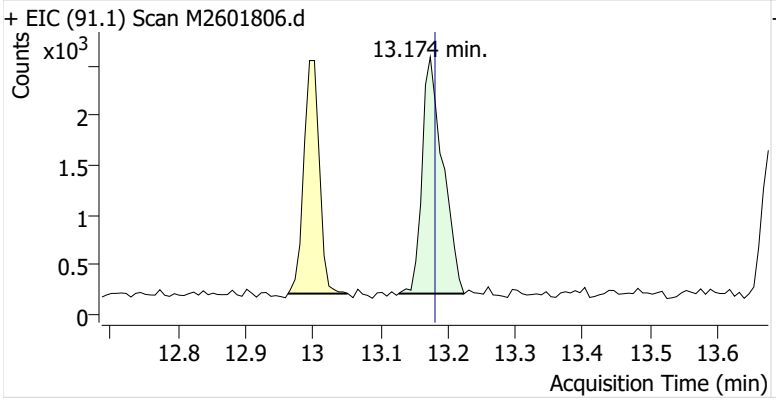


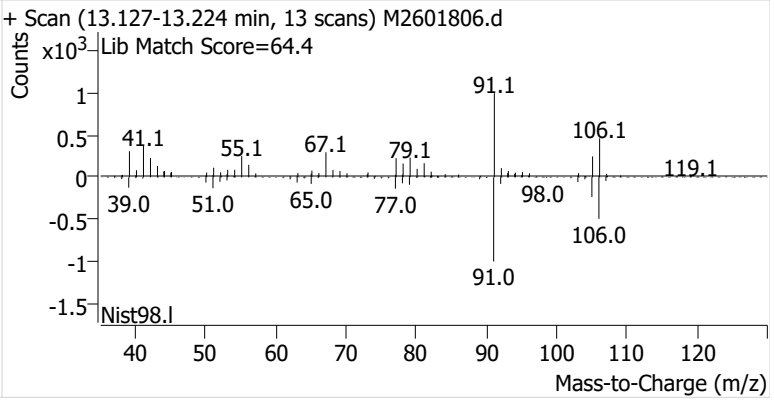
Ethylbenzene



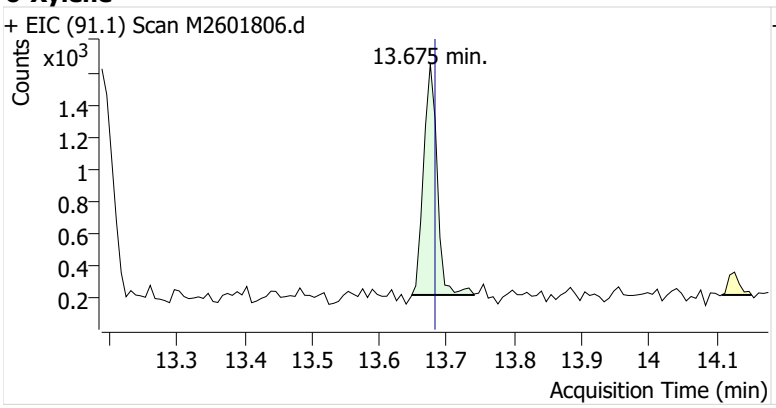


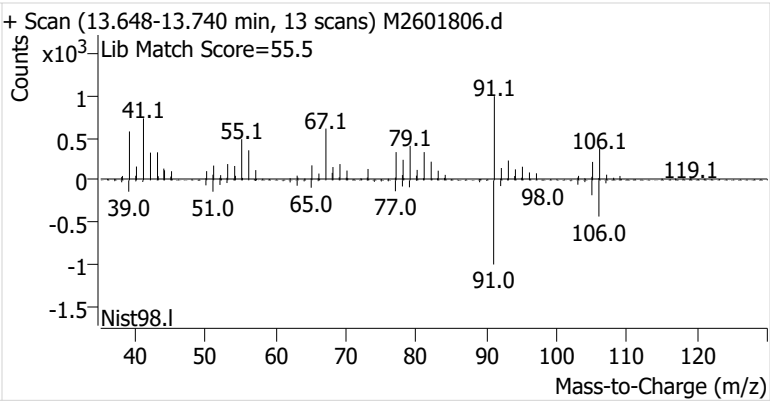
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan M2601806.d
Counts
x10^3
13.675 min.
1.4
1.2
1
0.8
0.6
0.4
0.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.648-13.740 min, 13 scans) M2601806.d
Lib Match Score=55.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
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

Onterris/Enthalpy

Company: Power Engineers, Inc.
Job No.: 2026FW202-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2026FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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

2026FW202

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

Page #1 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	C70513	Sample	4/8/26	11:19 AM	4/22/26	10:02 AM	DTA/DTA		
5	C55741	Sample	4/8/26	11:26 AM	4/22/26	10:09 AM	DTA/DTA		
4	C01634	Sample	4/8/26	11:35 AM	4/22/26	10:13 AM	DTA/DTA		
3	B48036	Sample	4/8/26	11:43 AM	4/22/26	10:18 AM	DTA/DTA		
2	C38551	Sample	4/8/26	11:49 AM	4/22/26	10:23 AM	DTA/DTA		
1	C01699	Sample	4/8/26	11:53 AM	4/22/26	10:27 AM	DTA/DTA		
1	C34147	Blank	4/8/26	11:53 AM	4/22/26	10:27 AM	DTA/DTA		
13	C70596	Sample	4/8/26	11:57 AM	4/22/26	10:30 AM	DTA/DTA		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Dylan Arrigo		4/22/2026	1240
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Gillian Cozma		4/23/26	9:40 am

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
GOOD	BTEX	Y	

Ice Temp:	Blank Temp:		Add Custody Seal # below:
	11.4	Fluke4	25E08698

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

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

Page #2 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	C57575	Sample	4/8/26	12:05 PM	4/22/26	10:36 AM	DTA/DTA		
11	C43716	Sample	4/8/26	12:10 PM	4/22/26	10:41 AM	DTA/DTA		
10	C35704	Sample	4/8/26	12:15 PM	4/22/26	10:45 AM	DTA/DTA		
9	C24182	Sample	4/8/26	12:19 PM	4/22/26	10:50 AM	DTA/DTA		
8	C56830	Sample	4/8/26	12:24 PM	4/22/26	10:55 AM	DTA/DTA		
8	B48100	Duplicate	4/8/26	12:24 PM	4/22/26	10:55 AM	DTA/DTA		
7	C17176	Sample	4/8/26	12:31 PM	4/22/26	11:00 AM	DTA/DTA		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Dylan Arrigo		4/22/2026	1240
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Gillian Cozma		4/23/26	9:40 am

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
GOOD			BTEX	Y	
Ice Temp:	**Blank Temp:** 11.4	Fluke 4		**Add Custody Seal # below:** 25E08698	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 5/11/2026

Analytical Report
2026FW203

EPA Method 325B Analysis

Report Issue Date: 5/19/2026

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:

Sarah Rhem
Project Management
Onterris
sarahrhem@onterris.com

Sarah Rhem, Project Manager
SarahRhem@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW203-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Onterris/Enthalpy on May 11, 2026 at 22.4 °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
PPSP-6-S-20260422	C36974	Sample
PPSP-5-S-20260422	C39231	Sample
PPSP-4-S-20260422	C01812	Sample
PPSP-3-S-20260422	C56959	Sample
PPSP-2-S-20260422	C40106	Sample
PPSP-1-S-20260422	C71529	Sample
PPSP-1-B-20260422	C34178	Blank
PPSP-13-S-20260422	C20420	Sample
PPSP-12-S-20260422	C57819	Sample
PPSP-11-S-20260422	C40677	Sample
PPSP-10-S-20260422	C67402	Sample
PPSP-9-S-20260422	C69517	Sample
PPSP-8-S-20260422	C57410	Sample
PPSP-8-D-20260422	B49492	Duplicate
PPSP-7-S-20260422	C01887	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	Power Engineers, Inc.
Job No.	2026FW203-1
Client ID.	Site: Portland Pipeline - S Portland, ME

3. Calibration

The daily BFB check failed to meet method criteria for the relative response of m/z 174 and the BFB tune associated with the initial calibration failed to meet method criteria for the relative response of m/z 176. Because m/z 174 and 176 are not near the tuning region of the quant ions for the target analytes and the continuing calibration checks met the 30% difference criteria, the deviation is not expected to have an effect on the data. All other BFB criteria have been met for this analysis.

The initial calibration (E033126A_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.

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: Power Engineers, Inc.
Job No.: 2026FW203-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260422	C36974	0.390	J	0.616			ND		ND		ND
PPSP-5-S-20260422	C39231	0.393	J	0.581			ND		ND		ND
PPSP-4-S-20260422	C01812	0.488		0.749			ND		ND		ND
PPSP-3-S-20260422	C56959	0.348	J	0.566			ND		ND		ND
PPSP-2-S-20260422	C40106	0.736		0.812			ND		ND		ND
PPSP-1-S-20260422	C71529	0.559		0.669			ND		ND		ND
PPSP-1-B-20260422	C34178		ND		ND		ND		ND		ND
PPSP-13-S-20260422	C20420	0.502		0.629			ND		ND		ND
PPSP-12-S-20260422	C57819	0.381	J	0.543			ND		ND		ND
PPSP-11-S-20260422	C40677	0.504		0.650			ND		ND		ND
PPSP-10-S-20260422	C67402	0.659		0.759			ND		ND		ND
PPSP-9-S-20260422	C69517	0.512		0.593			ND		ND		ND
PPSP-8-S-20260422	C57410	0.428	J	0.672			ND		ND		ND
PPSP-8-D-20260422	B49492	0.410	J	0.638			ND		ND		ND
PPSP-7-S-20260422	C01887	0.402	J	0.688			ND		ND		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: Power Engineers, Inc.

Job No.: 2026FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260422	C36974	0.390	0.122	5.14	48.0	0.652	20259	0.189	0.458	0.0593	0.144	J	E2602552.d	2026-05-12 13:32	0.944	8.052	28843	334636	56.3	7.995	0.2%
PPSP-5-S-20260422	C39231	0.393	0.123	5.19	48.0	0.652	20257	0.189	0.458	0.0593	0.144	J	E2602553.d	2026-05-12 13:58	0.944	8.052	28398	326288	56.3	7.995	-2.3%
PPSP-4-S-20260422	C01812	0.488	0.153	6.44	48.0	0.652	20257	0.189	0.458	0.0593	0.144		E2602554.d	2026-05-12 14:24	0.944	8.060	35872	332309	56.3	8.002	-0.5%
PPSP-3-S-20260422	C56959	0.348	0.109	4.60	48.0	0.652	20256	0.189	0.458	0.0593	0.144	J	E2602555.d	2026-05-12 14:50	0.944	8.052	25550	331689	56.3	7.995	-0.7%
PPSP-2-S-20260422	C40106	0.736	0.231	9.72	48.1	0.652	20257	0.189	0.458	0.0593	0.144		E2602556.d	2026-05-12 15:16	0.944	8.052	54617	335225	56.3	7.995	0.3%
PPSP-1-S-20260422	C71529	0.559	0.175	7.38	48.1	0.652	20256	0.189	0.458	0.0593	0.144		E2602557.d	2026-05-12 15:42	0.944	8.052	42029	339782	56.3	7.995	1.7%
PPSP-1-B-20260422	C34178				48.1	0.652	20256	0.189	0.458	0.0593	0.144	ND	E2602551.d	2026-05-12 13:06	0.944	8.002	2076	330907	56.3	7.995	-1.0%
PPSP-13-S-20260422	C20420	0.502	0.157	6.63	48.1	0.652	20258	0.189	0.458	0.0593	0.144		E2602558.d	2026-05-12 16:10	0.944	8.052	37792	340188	56.3	7.995	1.8%
PPSP-12-S-20260422	C57819	0.381	0.119	5.03	48.1	0.652	20259	0.189	0.458	0.0593	0.144	J	E2602559.d	2026-05-12 16:36	0.944	8.059	28999	343903	56.3	7.995	2.9%
PPSP-11-S-20260422	C40677	0.504	0.158	6.65	48.1	0.652	20258	0.189	0.458	0.0593	0.144		E2602560.d	2026-05-12 17:02	0.944	8.052	37863	339659	56.3	7.995	1.7%
PPSP-10-S-20260422	C67402	0.659	0.206	8.70	48.1	0.652	20259	0.189	0.458	0.0593	0.144		E2602561.d	2026-05-12 17:28	0.944	8.052	50442	345963	56.3	7.995	3.5%
PPSP-9-S-20260422	C69517	0.512	0.160	6.75	48.1	0.652	20258	0.189	0.458	0.0593	0.144		E2602563.d	2026-05-12 18:20	0.944	8.059	38876	343446	56.3	7.995	2.8%
PPSP-8-S-20260422	C57410	0.428	0.134	5.64	48.1	0.652	20258	0.189	0.458	0.0593	0.144	J	E2602564.d	2026-05-12 18:46	0.944	8.052	32550	344137	56.3	7.995	3.0%
PPSP-8-D-20260422	B49492	0.410	0.128	5.42	48.1	0.652	20258	0.189	0.458	0.0593	0.144	J	E2602565.d	2026-05-12 19:12	0.944	8.059	31451	346567	56.3	7.995	3.7%
PPSP-7-S-20260422	C01887	0.402	0.126	5.31	48.1	0.652	20257	0.189	0.458	0.0593	0.144	J	E2602566.d	2026-05-12 19:38	0.944	8.060	30716	345374	56.3	7.995	3.4%

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
PPSP-6-S-20260422	C36974	0.616	0.164	6.31	48.0	0.506	20259	0.244	0.519	0.0648	0.138		E2602552.d	2026-05-12 13:32	1.097	10.789	39326	375013	66.1	10.696	-1.1%
PPSP-5-S-20260422	C39231	0.581	0.154	5.95	48.0	0.506	20257	0.244	0.519	0.0648	0.138		E2602553.d	2026-05-12 13:58	1.097	10.789	36952	373997	66.1	10.695	-1.3%
PPSP-4-S-20260422	C01812	0.749	0.199	7.68	48.0	0.506	20257	0.244	0.519	0.0648	0.138		E2602554.d	2026-05-12 14:24	1.097	10.796	48417	379732	66.1	10.696	0.2%
PPSP-3-S-20260422	C56959	0.566	0.150	5.80	48.0	0.506	20256	0.244	0.519	0.0648	0.138		E2602555.d	2026-05-12 14:50	1.097	10.796	36356	377575	66.1	10.696	-0.4%
PPSP-2-S-20260422	C40106	0.812	0.216	8.32	48.1	0.506	20257	0.244	0.519	0.0648	0.138		E2602556.d	2026-05-12 15:16	1.097	10.796	52818	382037	66.1	10.696	0.8%
PPSP-1-S-20260422	C71529	0.669	0.178	6.85	48.1	0.506	20256	0.244	0.519	0.0648	0.138		E2602557.d	2026-05-12 15:42	1.097	10.796	43304	380334	66.1	10.696	0.3%
PPSP-1-B-20260422	C34178				48.1	0.506	20256	0.244	0.519	0.0648	0.138	ND	E2602551.d	2026-05-12 13:06	1.097	10.789	4466	371666	66.1	10.696	-2.0%
PPSP-13-S-20260422	C20420	0.629	0.167	6.44	48.1	0.506	20258	0.244	0.519	0.0648	0.138		E2602558.d	2026-05-12 16:10	1.097	10.789	41221	385235	66.1	10.696	1.6%
PPSP-12-S-20260422	C57819	0.543	0.144	5.57	48.1	0.506	20259	0.244	0.519	0.0648	0.138		E2602559.d	2026-05-12 16:36	1.097	10.796	35264	381499	66.1	10.695	0.6%
PPSP-11-S-20260422	C40677	0.650	0.173	6.66	48.1	0.506	20258	0.244	0.519	0.0648	0.138		E2602560.d	2026-05-12 17:02	1.097	10.789	42595	385224	66.1	10.695	1.6%
PPSP-10-S-20260422	C67402	0.759	0.202	7.78	48.1	0.506	20259	0.244	0.519	0.0648	0.138		E2602561.d	2026-05-12 17:28	1.097	10.796	50690	392412	66.1	10.696	3.5%
PPSP-9-S-20260422	C69517	0.593	0.157	6.07	48.1	0.506	20258	0.244	0.519	0.0648	0.138		E2602563.d	2026-05-12 18:20	1.097	10.789	38255	379210	66.1	10.695	0.0%
PPSP-8-S-20260422	C57410	0.672	0.179	6.89	48.1	0.506	20258	0.244	0.519	0.0648	0.138		E2602564.d	2026-05-12 18:46	1.097	10.789	44876	392140	66.1	10.696	3.4%
PPSP-8-D-20260422	B49492	0.638	0.170	6.54	48.1	0.506	20258	0.244	0.519	0.0648	0.138		E2602565.d	2026-05-12 19:12	1.097	10.795	42767	393643	66.1	10.695	3.8%
PPSP-7-S-20260422	C01887	0.688	0.183	7.05	48.1	0.506	20257	0.244	0.519	0.0648	0.138		E2602566.d	2026-05-12 19:38	1.097	10.789	45938	392481	66.1	10.696	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
PPSP-6-S-20260422	C36974				48.0	0.447	20259	0.276	0.609	0.0636	0.140	ND	E2602552.d	2026-05-12 13:32	1.308	12.981	5825	375013	66.1	10.696	-1.1%
PPSP-5-S-20260422	C39231				48.0	0.447	20257	0.276	0.610	0.0636	0.140	ND	E2602553.d	2026-05-12 13:58	1.308	12.988	4997	373997	66.1	10.695	-1.3%
PPSP-4-S-20260422	C01812				48.0	0.447	20257	0.276	0.610	0.0636	0.140	ND	E2602554.d	2026-05-12 14:24	1.308	12.988	6079	379732	66.1	10.696	0.2%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260422	C56959				48.0	0.447	20256	0.276	0.610	0.0636	0.140	ND	E2602555.d	2026-05-12 14:50	1.308	12.988	5328	377575	66.1	10.696	-0.4%
PPSP-2-S-20260422	C40106				48.1	0.447	20257	0.276	0.610	0.0636	0.140	ND	E2602556.d	2026-05-12 15:16	1.308	12.981	9026	382037	66.1	10.696	0.8%
PPSP-1-S-20260422	C71529				48.1	0.447	20256	0.276	0.610	0.0636	0.140	ND	E2602557.d	2026-05-12 15:42	1.308	12.981	3603	380334	66.1	10.696	0.3%
PPSP-1-B-20260422	C34178				48.1	0.447	20256	0.276	0.610	0.0636	0.140	ND	E2602551.d	2026-05-12 13:06	1.308	12.988	1855	371666	66.1	10.696	-2.0%
PPSP-13-S-20260422	C20420				48.1	0.447	20258	0.276	0.610	0.0636	0.140	ND	E2602558.d	2026-05-12 16:10	1.308	12.981	4210	385235	66.1	10.696	1.6%
PPSP-12-S-20260422	C57819				48.1	0.447	20259	0.276	0.609	0.0636	0.140	ND	E2602559.d	2026-05-12 16:36	1.308	12.980	4128	381499	66.1	10.695	0.6%
PPSP-11-S-20260422	C40677				48.1	0.447	20258	0.276	0.610	0.0636	0.140	ND	E2602560.d	2026-05-12 17:02	1.308	12.980	5720	385224	66.1	10.695	1.6%
PPSP-10-S-20260422	C67402				48.1	0.447	20259	0.276	0.609	0.0636	0.140	ND	E2602561.d	2026-05-12 17:28	1.308	12.981	5978	392412	66.1	10.696	3.5%
PPSP-9-S-20260422	C69517				48.1	0.447	20258	0.276	0.610	0.0636	0.140	ND	E2602563.d	2026-05-12 18:20	1.308	12.981	4585	379210	66.1	10.695	0.0%
PPSP-8-S-20260422	C57410				48.1	0.447	20258	0.276	0.610	0.0636	0.140	ND	E2602564.d	2026-05-12 18:46	1.308	12.981	7564	392140	66.1	10.696	3.4%
PPSP-8-D-20260422	B49492				48.1	0.447	20258	0.276	0.610	0.0636	0.140	ND	E2602565.d	2026-05-12 19:12	1.308	12.987	5327	393643	66.1	10.695	3.8%
PPSP-7-S-20260422	C01887				48.1	0.447	20257	0.276	0.610	0.0636	0.140	ND	E2602566.d	2026-05-12 19:38	1.308	12.988	6151	392481	66.1	10.696	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
PPSP-6-S-20260422	C36974				48.0	0.447	20259	0.276	0.683	0.0636	0.157	ND	E2602552.d	2026-05-12 13:32	1.095	13.160	9278	375013	66.1	10.696	-1.1%
PPSP-5-S-20260422	C39231				48.0	0.447	20257	0.276	0.683	0.0636	0.157	ND	E2602553.d	2026-05-12 13:58	1.095	13.160	10034	373997	66.1	10.695	-1.3%
PPSP-4-S-20260422	C01812				48.0	0.447	20257	0.276	0.683	0.0636	0.157	ND	E2602554.d	2026-05-12 14:24	1.095	13.160	11663	379732	66.1	10.696	0.2%
PPSP-3-S-20260422	C56959				48.0	0.447	20256	0.276	0.683	0.0636	0.157	ND	E2602555.d	2026-05-12 14:50	1.095	13.160	12360	377575	66.1	10.696	-0.4%
PPSP-2-S-20260422	C40106				48.1	0.447	20257	0.276	0.683	0.0636	0.157	ND	E2602556.d	2026-05-12 15:16	1.095	13.160	11070	382037	66.1	10.696	0.8%
PPSP-1-S-20260422	C71529				48.1	0.447	20256	0.276	0.683	0.0636	0.157	ND	E2602557.d	2026-05-12 15:42	1.095	13.160	10261	380334	66.1	10.696	0.3%
PPSP-1-B-20260422	C34178				48.1	0.447	20256	0.276	0.683	0.0636	0.157	ND	E2602551.d	2026-05-12 13:06	1.095	12.988	0	371666	66.1	10.696	-2.0%
PPSP-13-S-20260422	C20420				48.1	0.447	20258	0.276	0.683	0.0636	0.157	ND	E2602558.d	2026-05-12 16:10	1.095	13.160	7935	385235	66.1	10.696	1.6%
PPSP-12-S-20260422	C57819				48.1	0.447	20259	0.276	0.683	0.0636	0.157	ND	E2602559.d	2026-05-12 16:36	1.095	13.160	12059	381499	66.1	10.695	0.6%
PPSP-11-S-20260422	C40677				48.1	0.447	20258	0.276	0.683	0.0636	0.157	ND	E2602560.d	2026-05-12 17:02	1.095	13.160	9742	385224	66.1	10.695	1.6%
PPSP-10-S-20260422	C67402				48.1	0.447	20259	0.276	0.683	0.0636	0.157	ND	E2602561.d	2026-05-12 17:28	1.095	13.160	14505	392412	66.1	10.696	3.5%
PPSP-9-S-20260422	C69517				48.1	0.447	20258	0.276	0.683	0.0636	0.157	ND	E2602563.d	2026-05-12 18:20	1.095	13.160	8822	379210	66.1	10.695	0.0%
PPSP-8-S-20260422	C57410				48.1	0.447	20258	0.276	0.683	0.0636	0.157	ND	E2602564.d	2026-05-12 18:46	1.095	13.160	14337	392140	66.1	10.696	3.4%
PPSP-8-D-20260422	B49492				48.1	0.447	20258	0.276	0.683	0.0636	0.157	ND	E2602565.d	2026-05-12 19:12	1.095	13.159	8621	393643	66.1	10.695	3.8%
PPSP-7-S-20260422	C01887				48.1	0.447	20257	0.276	0.683	0.0636	0.157	ND	E2602566.d	2026-05-12 19:38	1.095	13.160	11365	392481	66.1	10.696	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
PPSP-6-S-20260422	C36974				48.0	0.447	20259	0.276	0.635	0.0636	0.146	ND	E2602552.d	2026-05-12 13:32	1.142	13.661	2968	375013	66.1	10.696	-1.1%
PPSP-5-S-20260422	C39231				48.0	0.447	20257	0.276	0.635	0.0636	0.146	ND	E2602553.d	2026-05-12 13:58	1.142	13.661	3524	373997	66.1	10.695	-1.3%
PPSP-4-S-20260422	C01812				48.0	0.447	20257	0.276	0.635	0.0636	0.146	ND	E2602554.d	2026-05-12 14:24	1.142	13.668	5207	379732	66.1	10.696	0.2%
PPSP-3-S-20260422	C56959				48.0	0.447	20256	0.276	0.635	0.0636	0.146	ND	E2602555.d	2026-05-12 14:50	1.142	13.661	4947	377575	66.1	10.696	-0.4%
PPSP-2-S-20260422	C40106				48.1	0.447	20257	0.276	0.635	0.0636	0.146	ND	E2602556.d	2026-05-12 15:16	1.142	13.661	4266	382037	66.1	10.696	0.8%
PPSP-1-S-20260422	C71529				48.1	0.447	20256	0.276	0.635	0.0636	0.146	ND	E2602557.d	2026-05-12 15:42	1.142	13.661	3964	380334	66.1	10.696	0.3%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260422	C34178				48.1	0.447	20256	0.276	0.635	0.0636	0.146	ND	E2602551.d	2026-05-12 13:06	1.142	13.647	122	371666	66.1	10.696	-2.0%
PPSP-13-S-20260422	C20420				48.1	0.447	20258	0.276	0.635	0.0636	0.146	ND	E2602558.d	2026-05-12 16:10	1.142	13.661	2391	385235	66.1	10.696	1.6%
PPSP-12-S-20260422	C57819				48.1	0.447	20259	0.276	0.635	0.0636	0.146	ND	E2602559.d	2026-05-12 16:36	1.142	13.661	3907	381499	66.1	10.695	0.6%
PPSP-11-S-20260422	C40677				48.1	0.447	20258	0.276	0.635	0.0636	0.146	ND	E2602560.d	2026-05-12 17:02	1.142	13.661	3517	385224	66.1	10.695	1.6%
PPSP-10-S-20260422	C67402				48.1	0.447	20259	0.276	0.635	0.0636	0.146	ND	E2602561.d	2026-05-12 17:28	1.142	13.661	5206	392412	66.1	10.696	3.5%
PPSP-9-S-20260422	C69517				48.1	0.447	20258	0.276	0.635	0.0636	0.146	ND	E2602563.d	2026-05-12 18:20	1.142	13.661	2749	379210	66.1	10.695	0.0%
PPSP-8-S-20260422	C57410				48.1	0.447	20258	0.276	0.635	0.0636	0.146	ND	E2602564.d	2026-05-12 18:46	1.142	13.661	5819	392140	66.1	10.696	3.4%
PPSP-8-D-20260422	B49492				48.1	0.447	20258	0.276	0.635	0.0636	0.146	ND	E2602565.d	2026-05-12 19:12	1.142	13.661	2880	393643	66.1	10.695	3.8%
PPSP-7-S-20260422	C01887				48.1	0.447	20257	0.276	0.635	0.0636	0.146	ND	E2602566.d	2026-05-12 19:38	1.142	13.661	3828	392481	66.1	10.696	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: Power Engineers, Inc.
Job No.: 2026FW203-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260422	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260422	4.1%	Pass	5.2%	Pass	ND	Pass	ND	Pass	ND	Pass

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	E2602549.d	C56903	Cal	0.944	1.039	0.944	-9.1%	1.4%		Pass	
2026FW203 Method Blank-1	E2602550.d	C55316	Blank		1.039	0.944			0.90%	Pass	ND
M325B CCV 5 REC	E2602562.d	C56903	Check	0.961	1.039	0.944	-7.5%		-0.83%	Pass	
M325B CCV 5	E2602567.d	C17129	Check	0.981	1.039	0.944	-5.6%		3.7%	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	E2602549.d	C56903	Cal	1.097	1.354	1.097	-19%	-1.0%		Pass	
2026FW203 Method Blank-1	E2602550.d	C55316	Blank		1.354	1.097			2.4%	Pass	ND
M325B CCV 5 REC	E2602562.d	C56903	Check	1.108	1.354	1.097	-18%		-0.51%	Pass	
M325B CCV 5	E2602567.d	C17129	Check	1.117	1.354	1.097	-17%		5.0%	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	E2602549.d	C56903	Cal	1.308	1.448	1.308	-9.7%	-1.0%		Pass	
2026FW203 Method Blank-1	E2602550.d	C55316	Blank		1.448	1.308			2.4%	Pass	ND
M325B CCV 5 REC	E2602562.d	C56903	Check	1.305	1.448	1.308	-9.9%		-0.51%	Pass	
M325B CCV 5	E2602567.d	C17129	Check	1.266	1.448	1.308	-13%		5.0%	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	E2602549.d	C56903	Cal	1.095	1.236	1.095	-11%	-1.0%		Pass	
2026FW203 Method Blank-1	E2602550.d	C55316	Blank		1.236	1.095			2.4%	Pass	ND
M325B CCV 5 REC	E2602562.d	C56903	Check	1.085	1.236	1.095	-12%		-0.51%	Pass	
M325B CCV 5	E2602567.d	C17129	Check	1.039	1.236	1.095	-16%		5.0%	Pass	

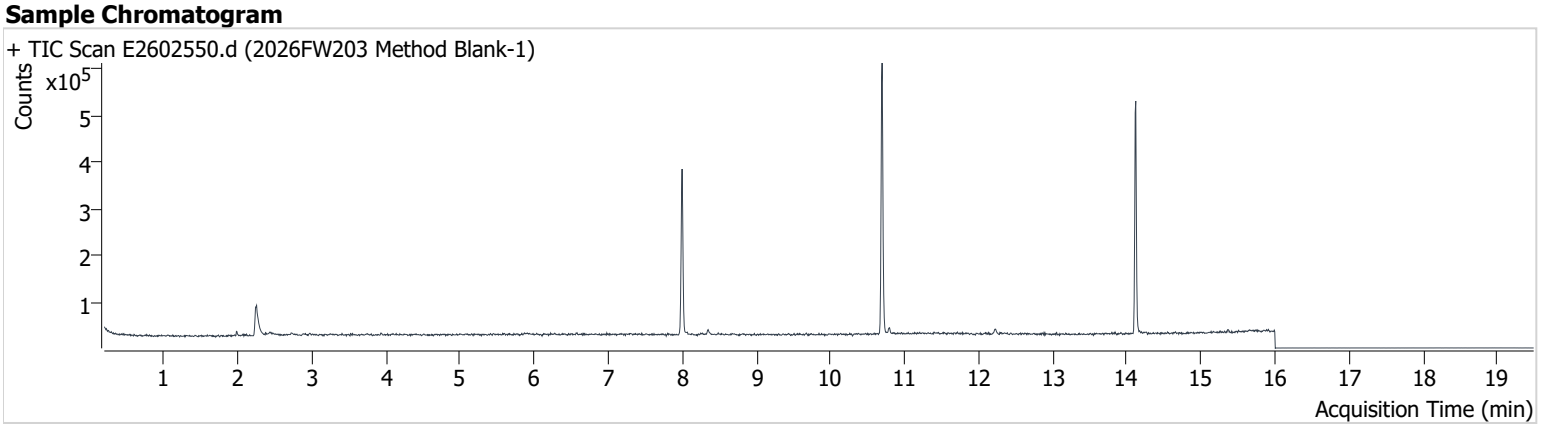
o-Xylene Calibration and Blanks

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	E2602549.d	C56903	Cal	1.142	1.250	1.142	-8.6%	-1.0%		Pass	
2026FW203 Method Blank-1	E2602550.d	C55316	Blank		1.250	1.142			2.4%	Pass	ND
M325B CCV 5 REC	E2602562.d	C56903	Check	1.119	1.250	1.142	-10%		-0.51%	Pass	
M325B CCV 5	E2602567.d	C17129	Check	1.069	1.250	1.142	-14%		5.0%	Pass	

Chromatograms

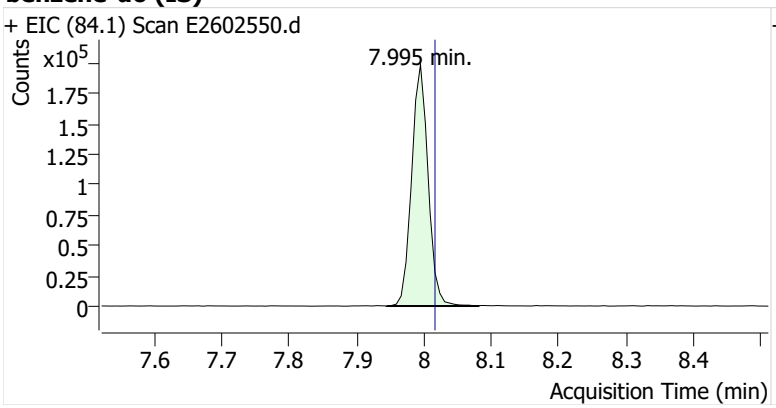
Name	2026FW203 Method Blank-1
Comment	C55316
Data File	E2602550.d
Acq. Date-Time	5/12/2026 12:40:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

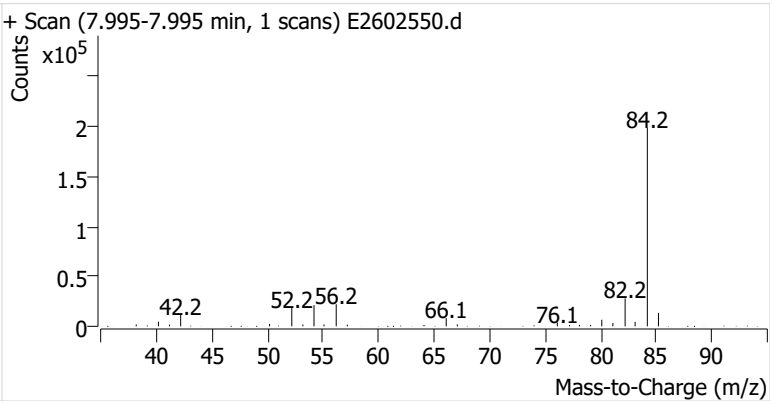
Sample Chromatogram



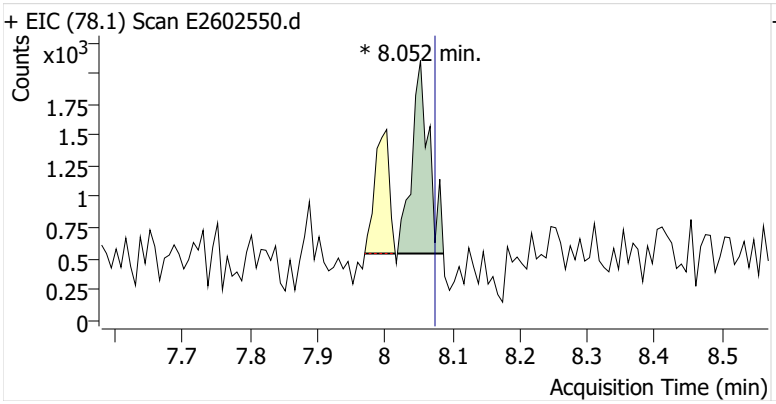
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	337,107	
Benzene	benzene-d6 (IS)	8.052	8.074	2,789	m
Toluene-d8 (IS)		10.696	10.710	388,006	
Toluene	Toluene-d8 (IS)	10.796	10.803	8,347	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	887	
m-/p-Xylenes	Toluene-d8 (IS)	12.981	13.174	ND	m
o-Xylene	Toluene-d8 (IS)	13.668	13.675	514	

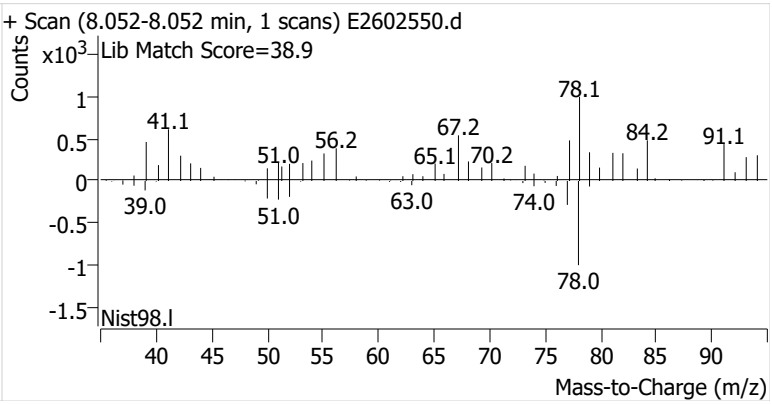
benzene-d6 (IS)



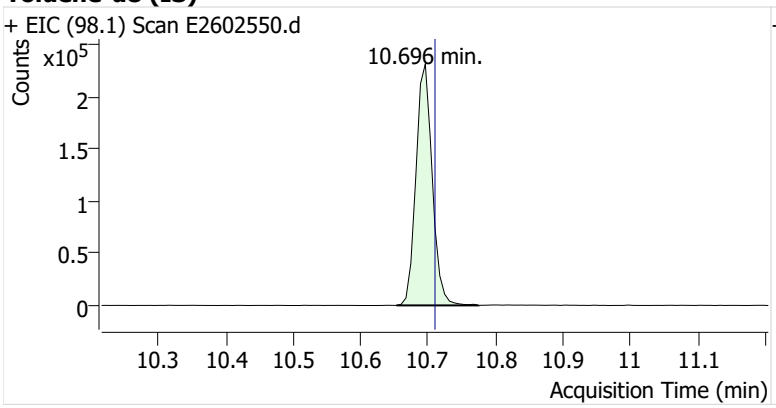


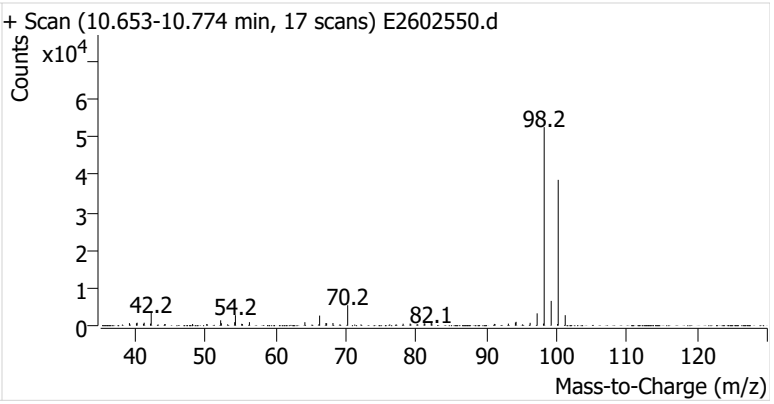
Benzene



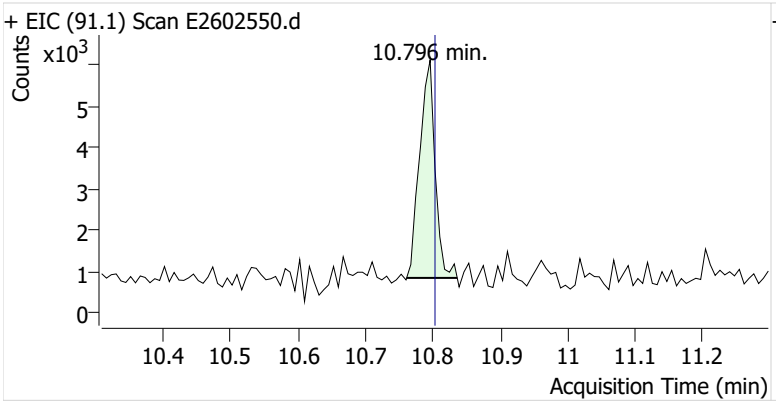


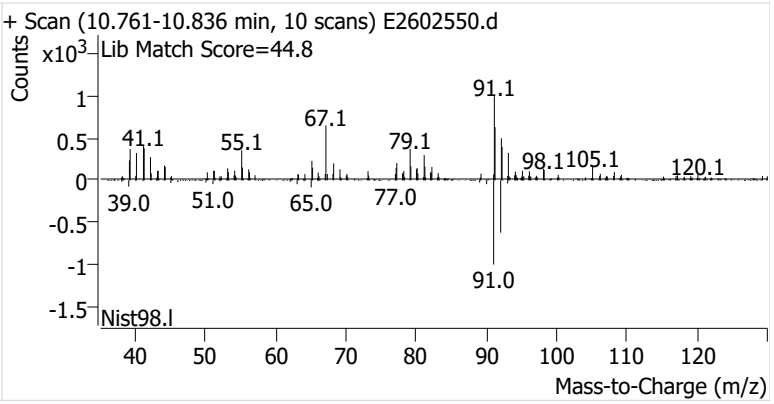
Toluene-d8 (IS)



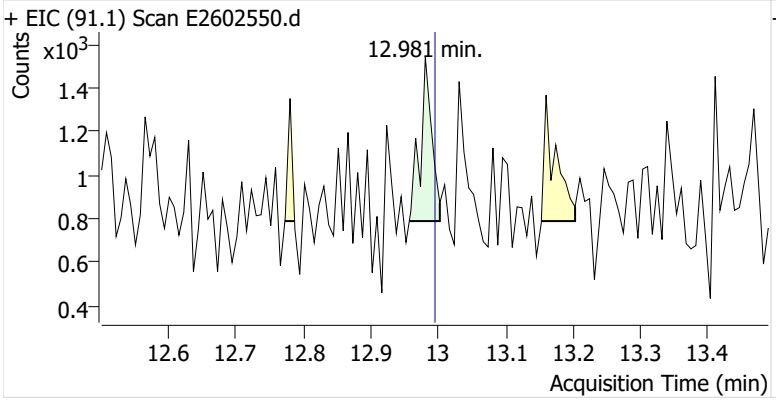


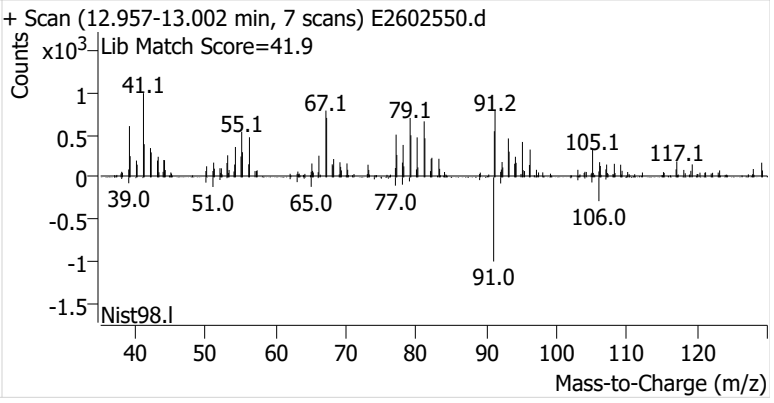
Toluene



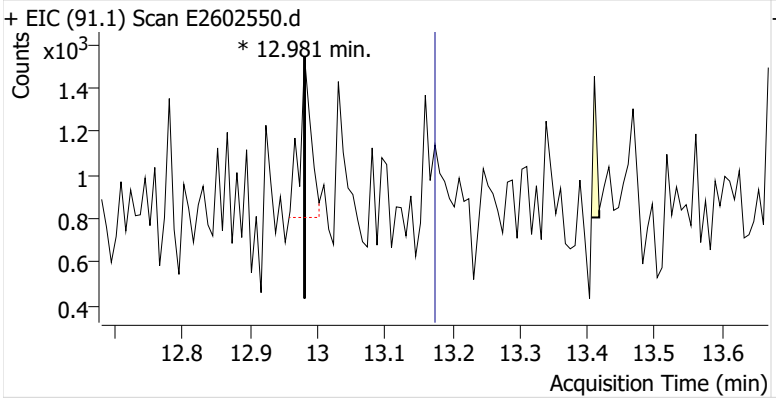


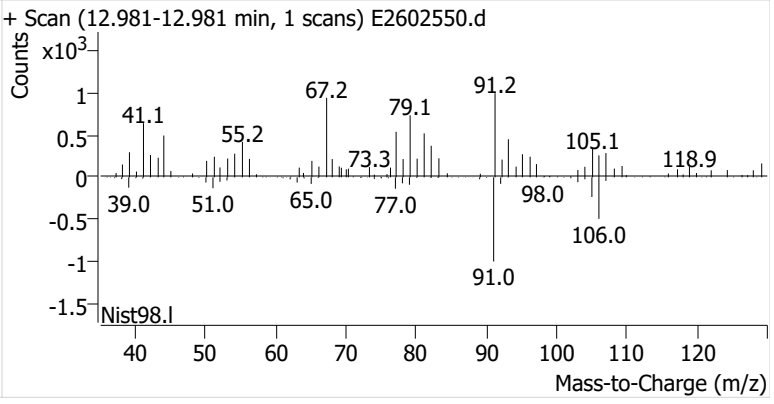
Ethylbenzene



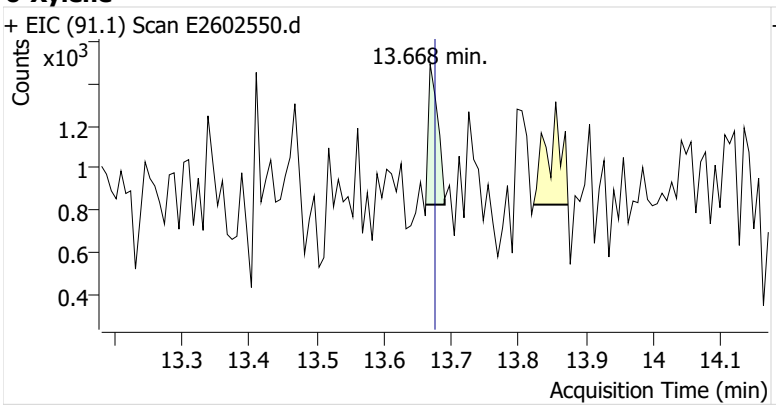


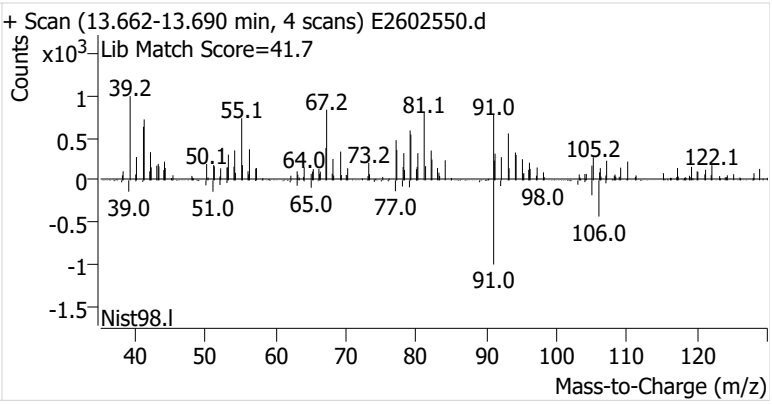
m-/p-Xylenes





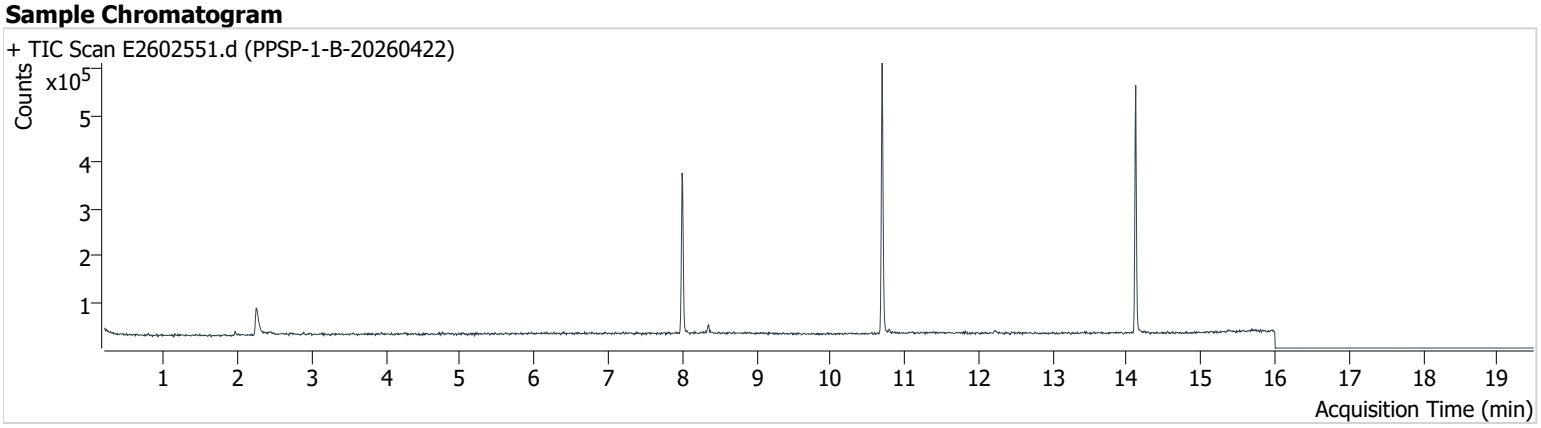
o-Xylene


+ EIC (91.1) Scan E2602550.d
Counts
x10^3
13.668 min.
1.2
1
0.8
0.6
0.4
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.662-13.690 min, 4 scans) E2602550.d
Counts
x10^3
Lib Match Score=41.7
39.2
55.1
67.2
81.1
91.0
50.1
64.0
73.2
105.2
122.1
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)

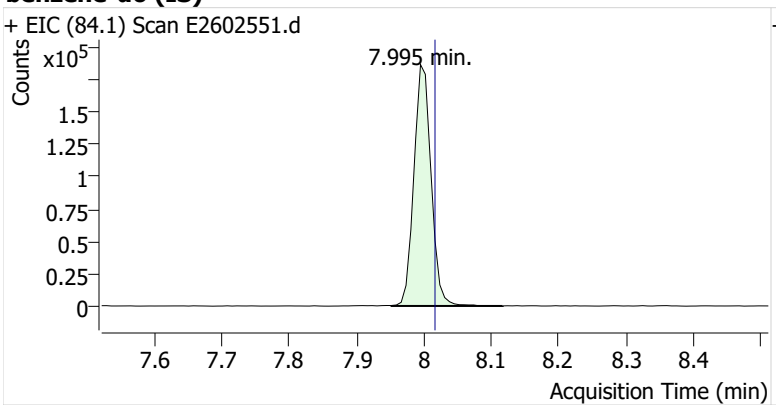
Name	PPSP-1-B-20260422
Comment	C34178
Data File	E2602551.d
Acq. Date-Time	5/12/2026 1:06:20 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

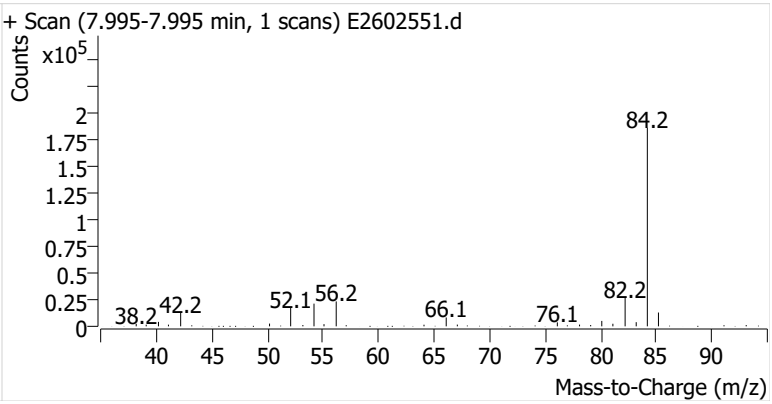
Sample Chromatogram



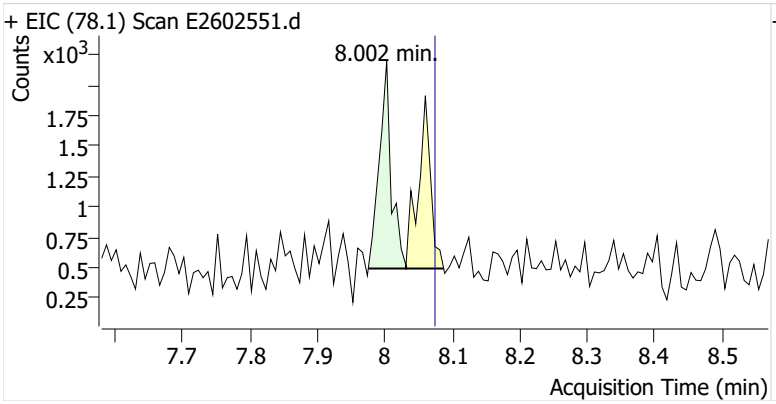
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	330,907	
Benzene	benzene-d6 (IS)	8.002	8.074	2,076	
Toluene-d8 (IS)		10.696	10.710	371,666	
Toluene	Toluene-d8 (IS)	10.789	10.803	4,466	
Ethylbenzene	Toluene-d8 (IS)	12.988	12.995	1,855	
m-/p-Xylenes	Toluene-d8 (IS)	12.988	13.174	ND	m
o-Xylene	Toluene-d8 (IS)	13.647	13.675	122	

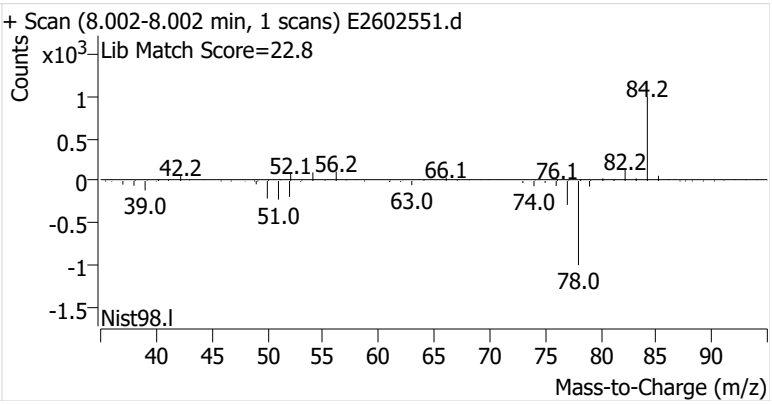
benzene-d6 (IS)



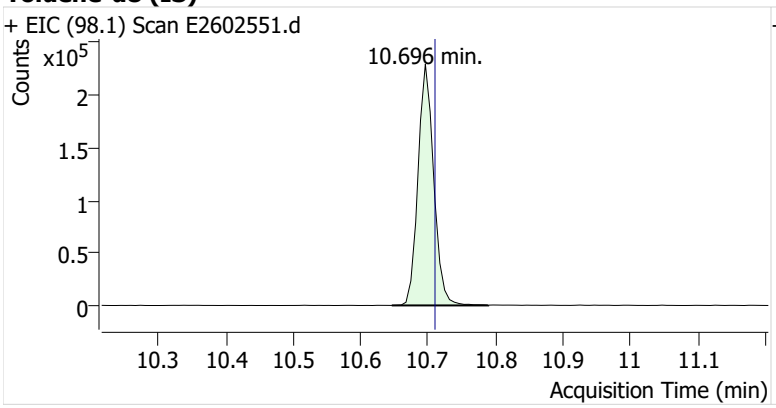


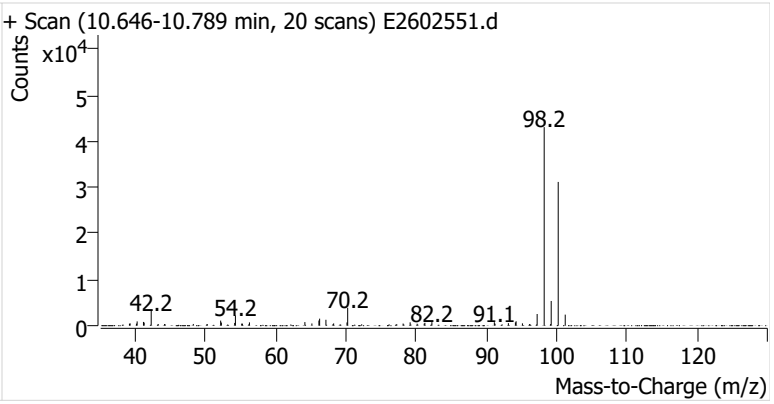
Benzene



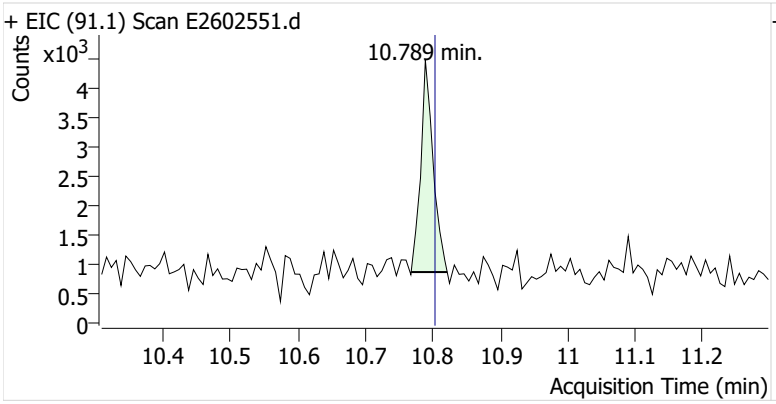


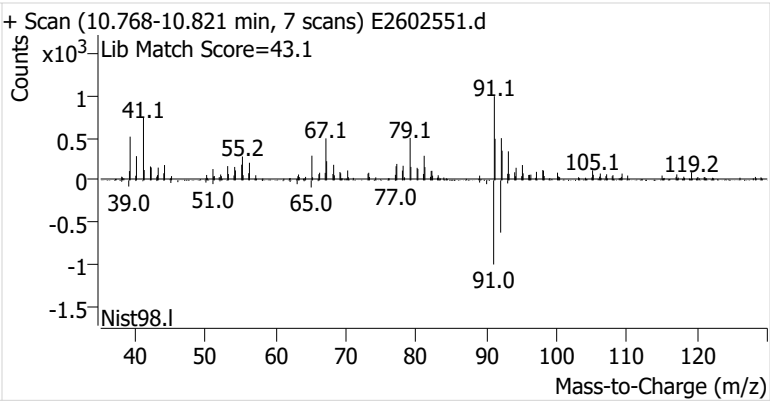
Toluene-d8 (IS)



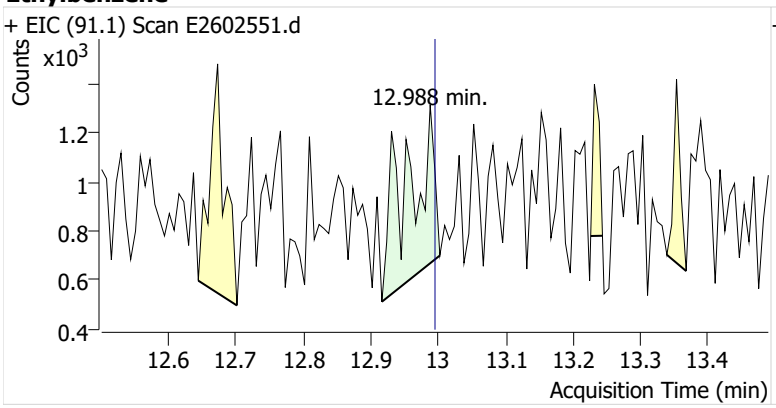


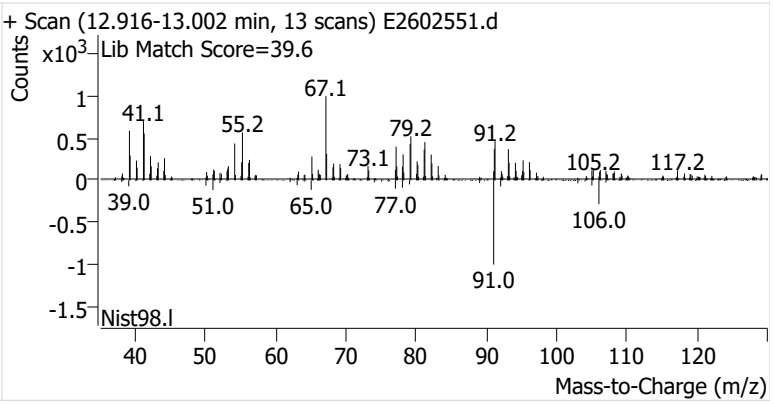
Toluene



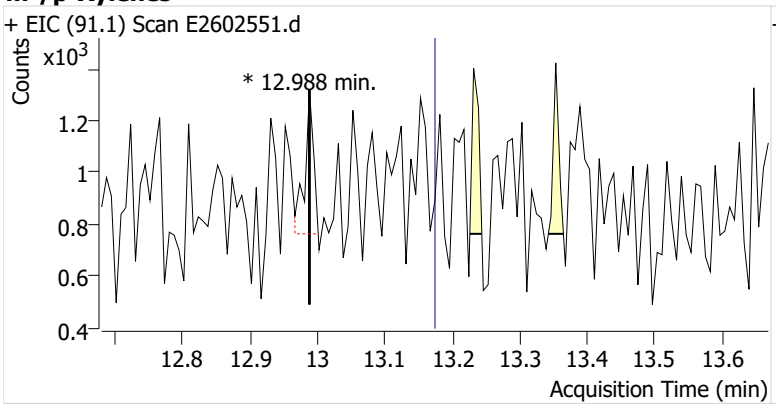


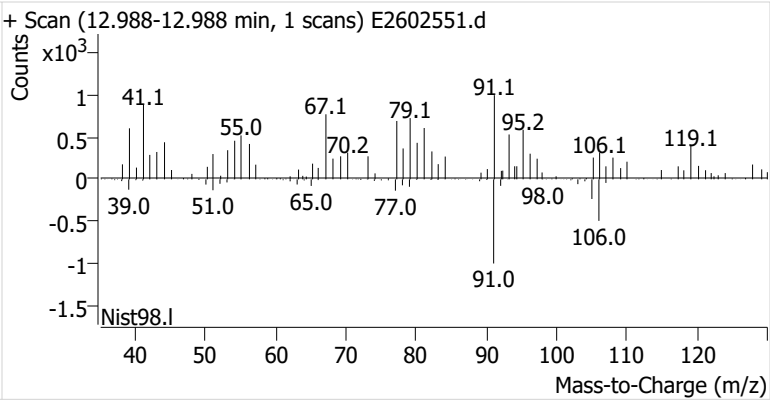
Ethylbenzene



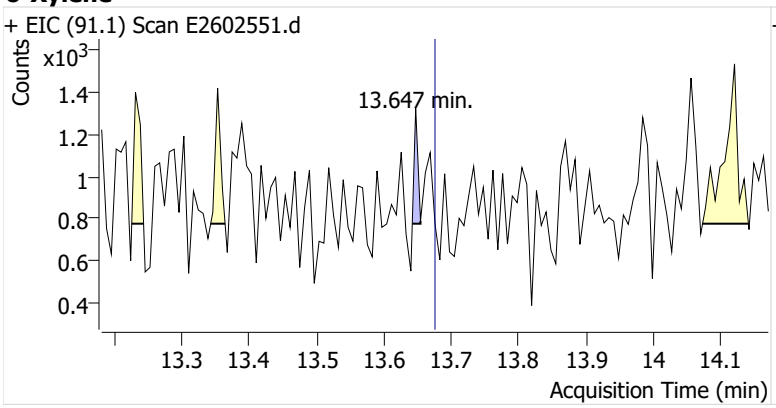


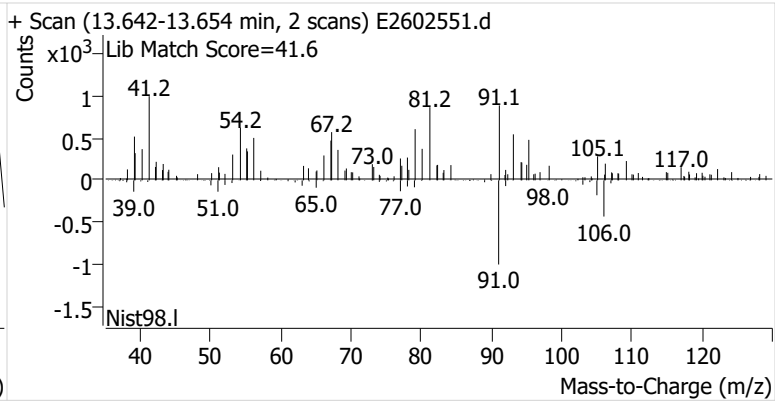
m-/p-Xylenes





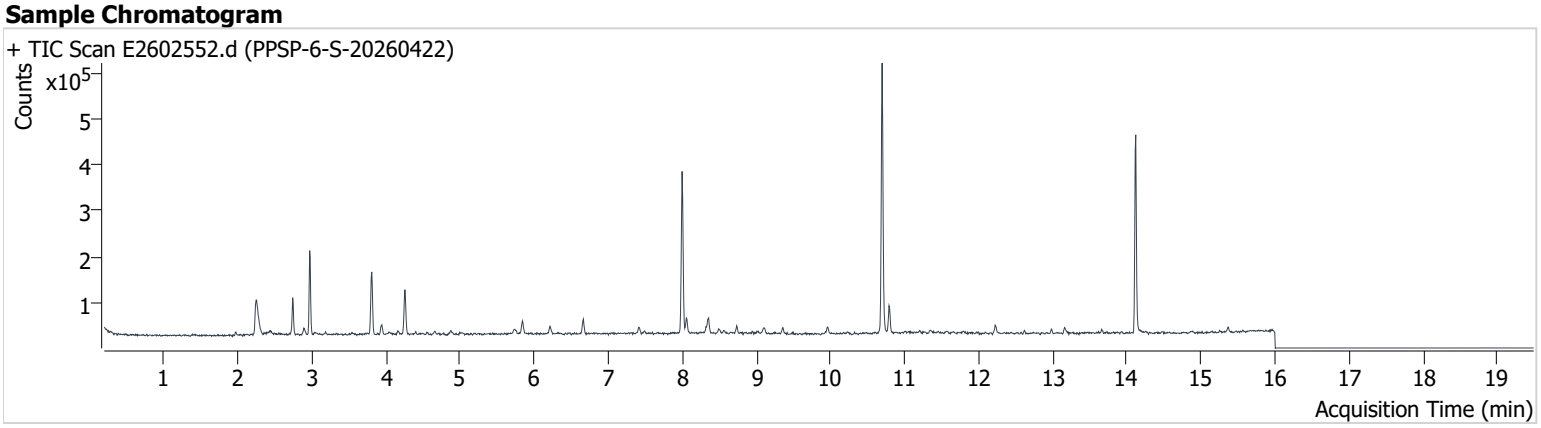
o-Xylene


+ EIC (91.1) Scan E2602551.d
Counts
x10^3
1.4
1.2
1
0.8
0.6
0.4
13.647 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.654 min, 2 scans) E2602551.d
Lib Match Score=41.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.2
54.2
67.2
73.0
81.2
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)

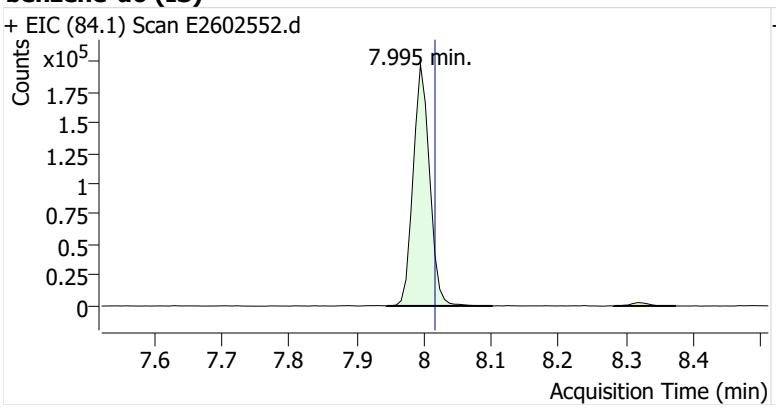
Name	PPSP-6-S-20260422
Comment	C36974
Data File	E2602552.d
Acq. Date-Time	5/12/2026 1:32:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

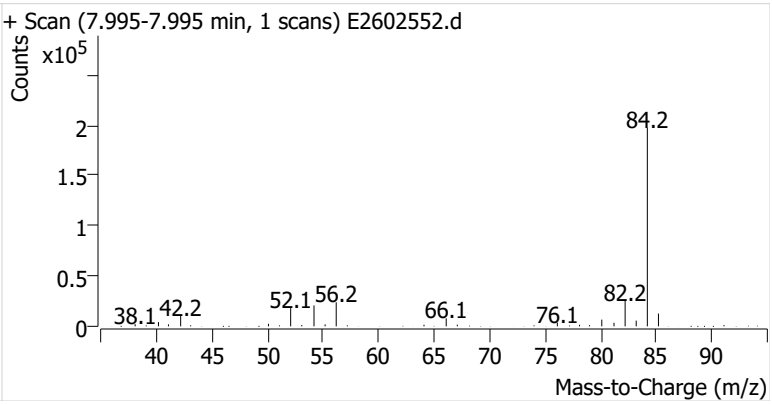
Sample Chromatogram



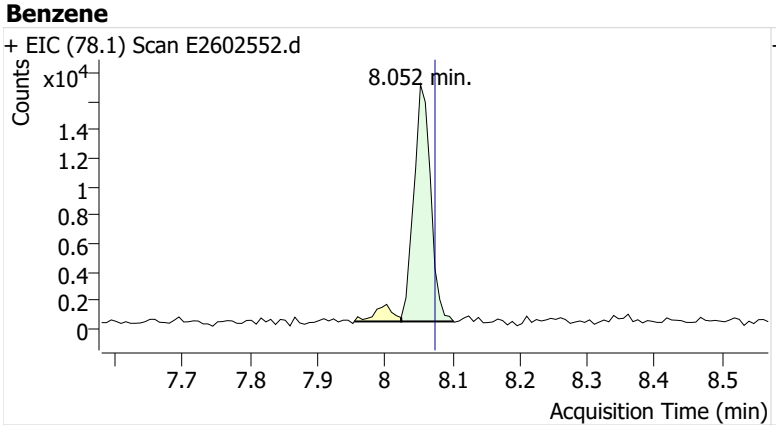
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	334,636	
Benzene	benzene-d6 (IS)	8.052	8.074	28,843	
Toluene-d8 (IS)		10.696	10.710	375,013	
Toluene	Toluene-d8 (IS)	10.789	10.803	39,326	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	5,825	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	9,278	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	2,968	

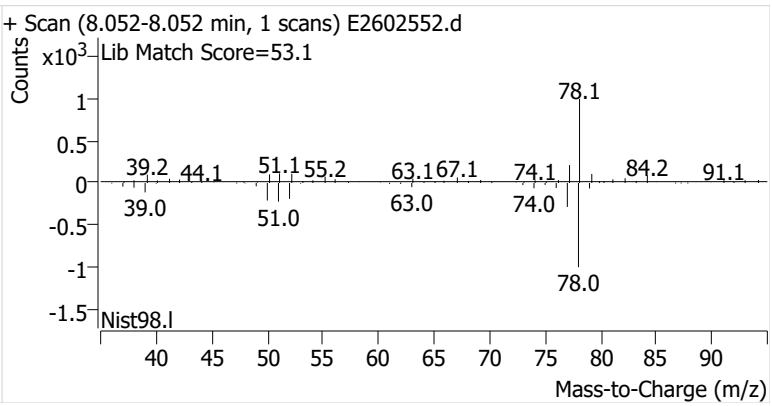
benzene-d6 (IS)



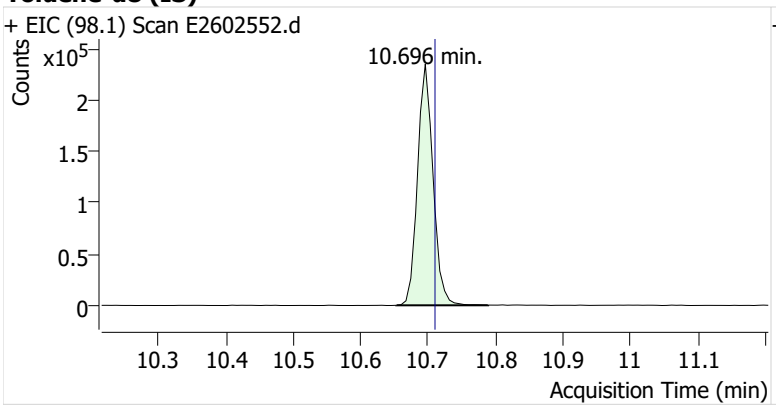


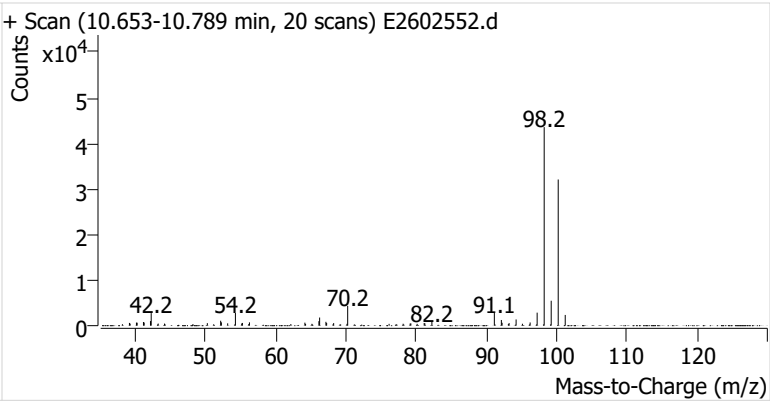
Benzene



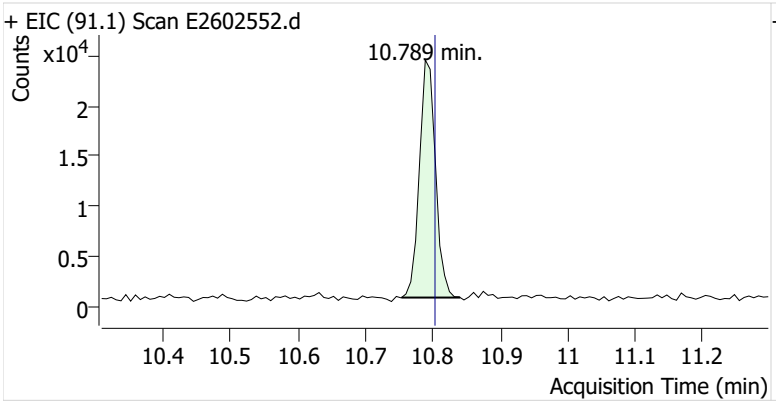


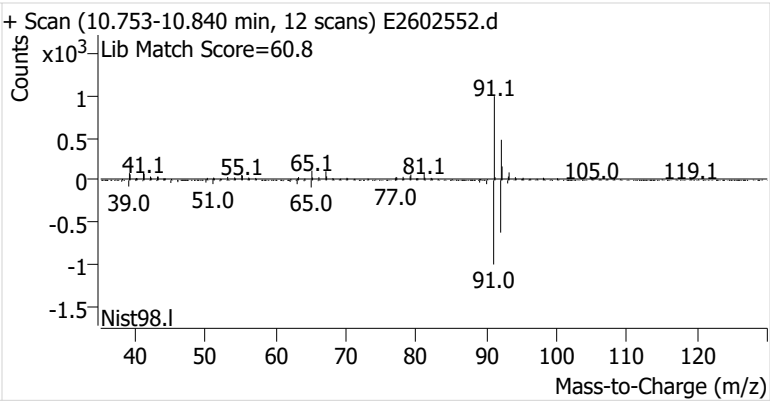
Toluene-d8 (IS)



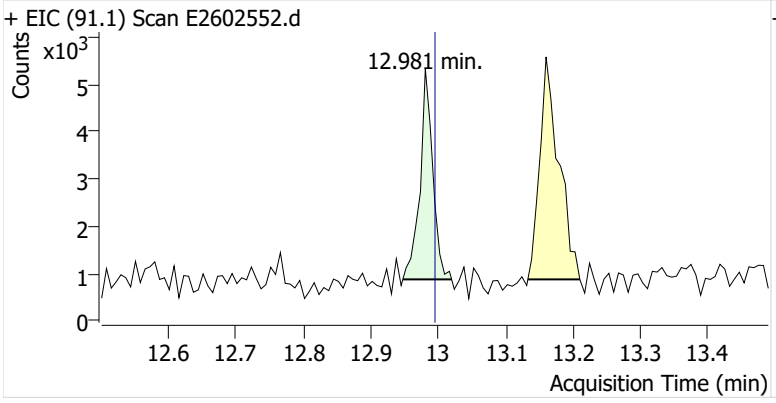


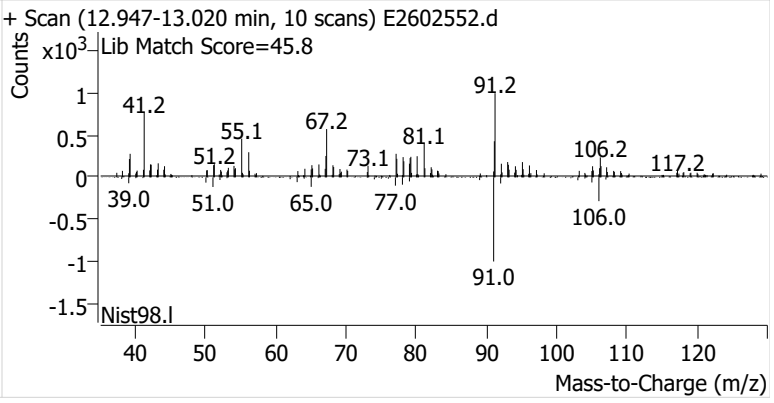
Toluene



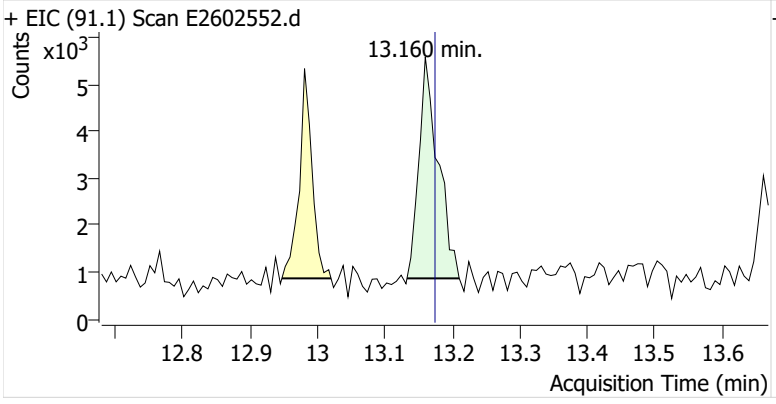


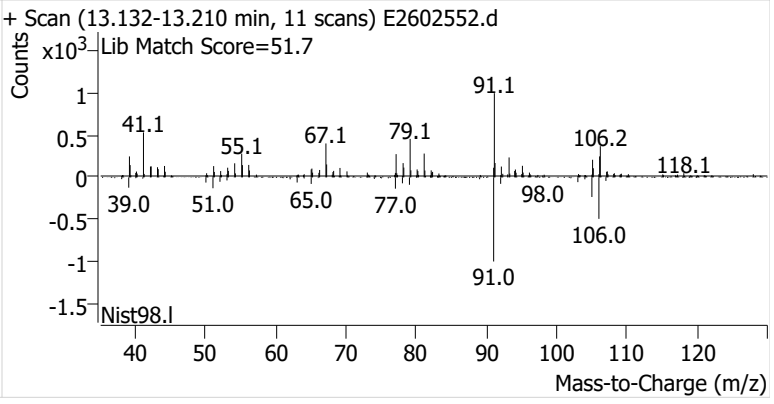
Ethylbenzene



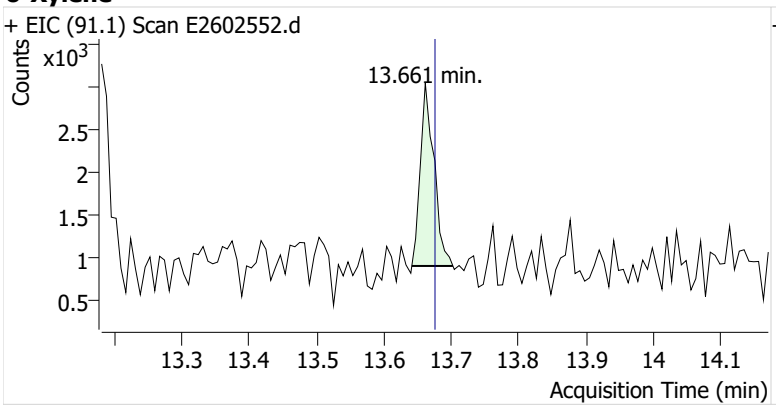


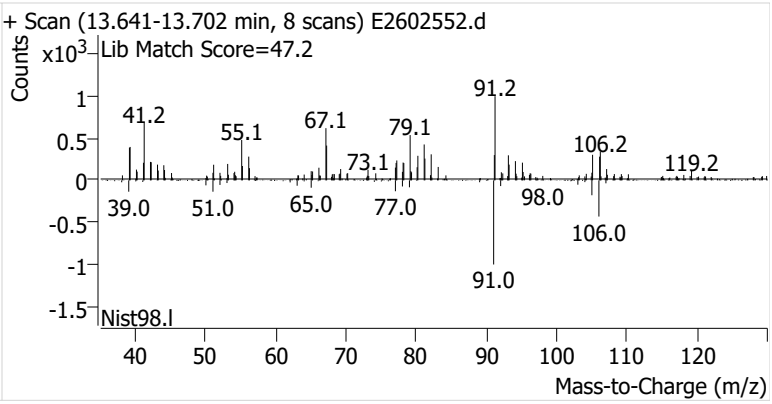
m-/p-Xylenes





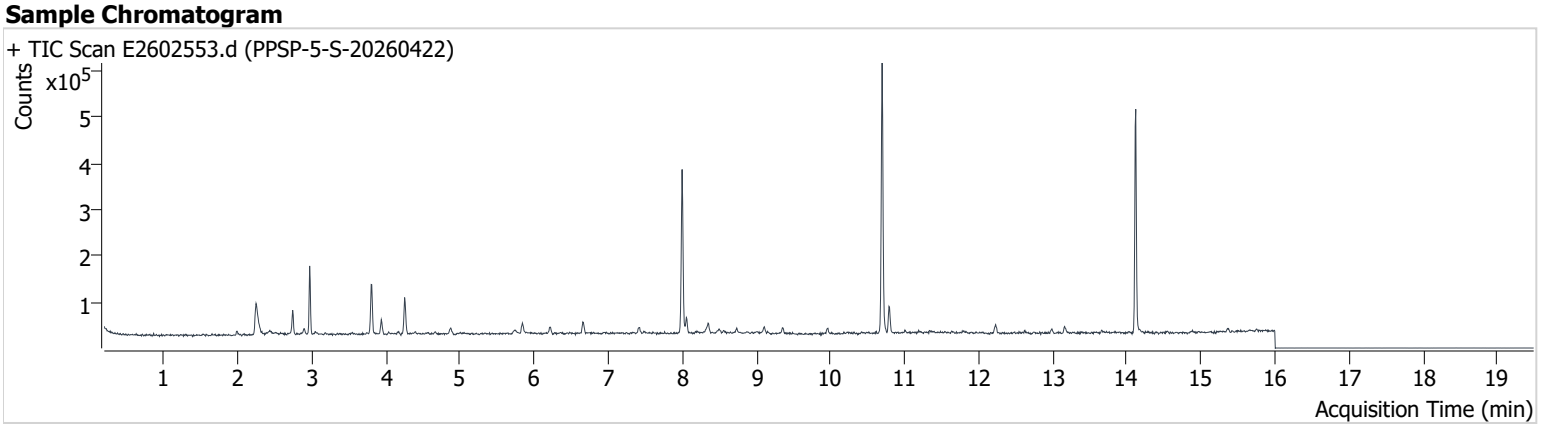
o-Xylene


+ EIC (91.1) Scan E2602552.d
Counts
x10^3
13.661 min.
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.641-13.702 min, 8 scans) E2602552.d
Lib Match Score=47.2
Counts
x10^3
91.2
41.2
55.1
67.1
79.1
106.2
119.2
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)

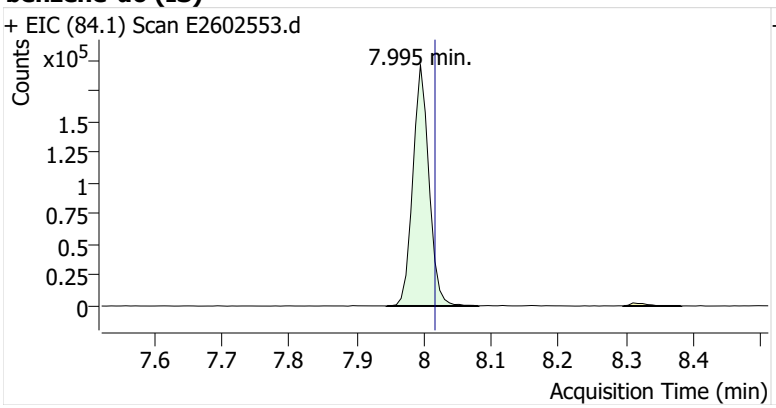
Name	PPSP-5-S-20260422
Comment	C39231
Data File	E2602553.d
Acq. Date-Time	5/12/2026 1:58:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

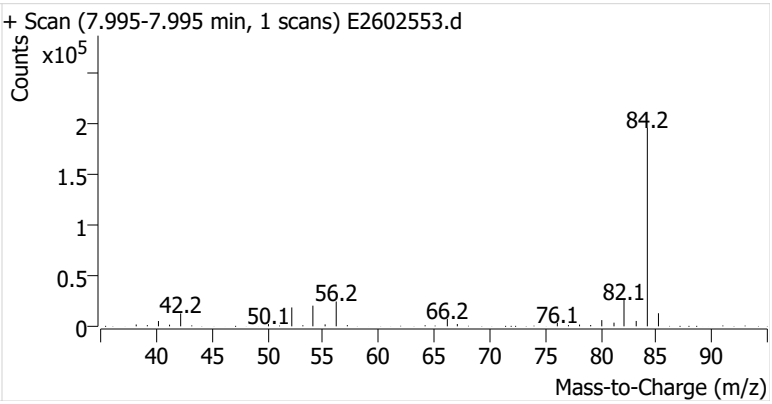
Sample Chromatogram



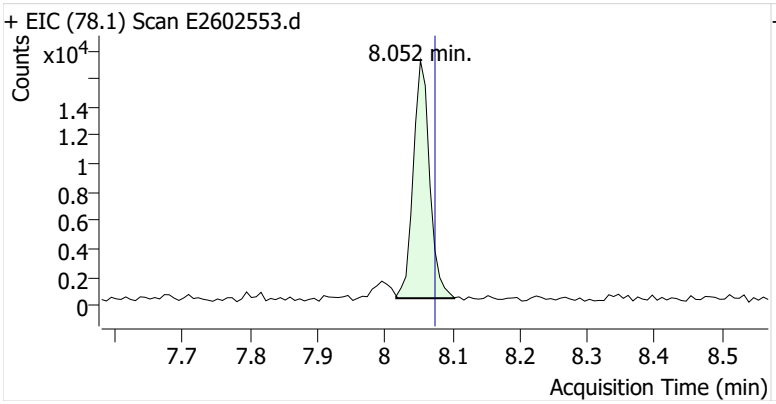
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	326,288	
Benzene	benzene-d6 (IS)	8.052	8.074	28,398	
Toluene-d8 (IS)		10.695	10.710	373,997	
Toluene	Toluene-d8 (IS)	10.789	10.803	36,952	
Ethylbenzene	Toluene-d8 (IS)	12.988	12.995	4,997	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	10,034	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	3,524	

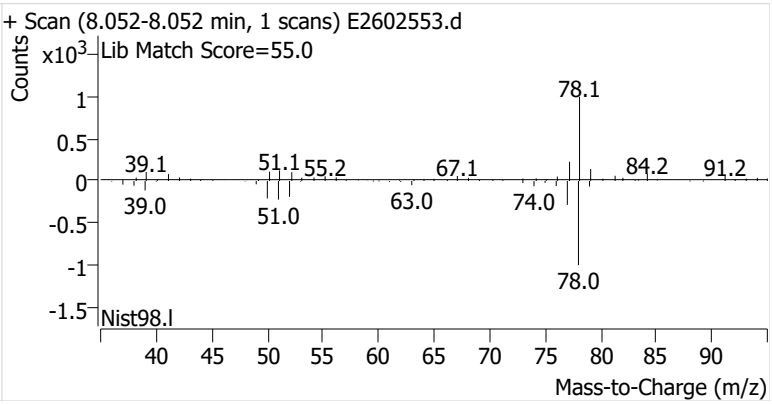
benzene-d6 (IS)



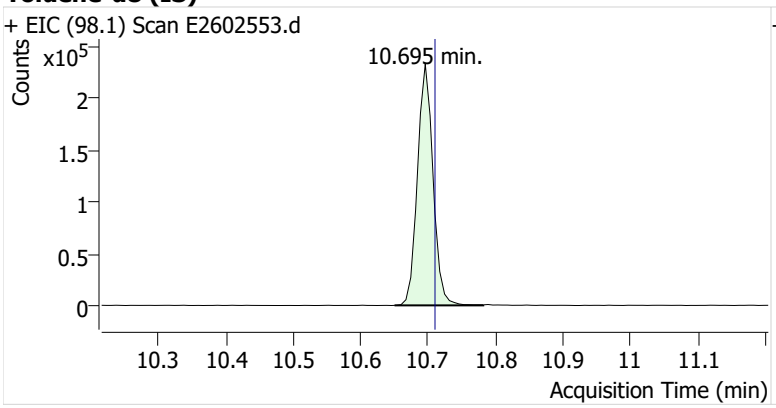


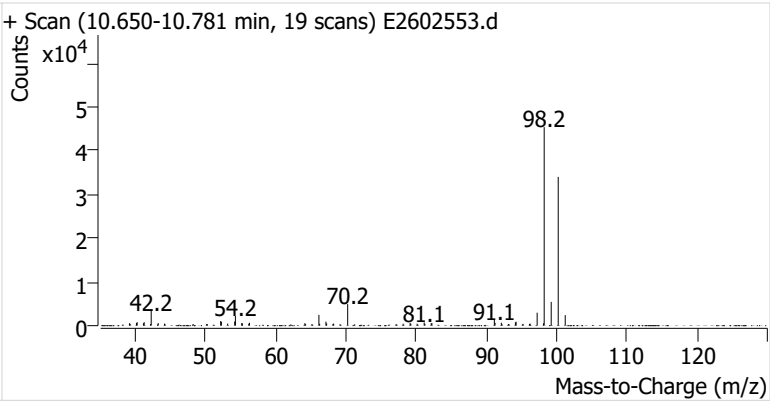
Benzene



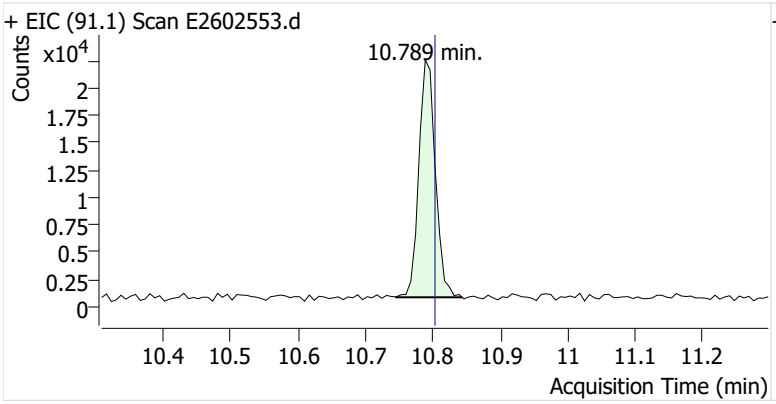


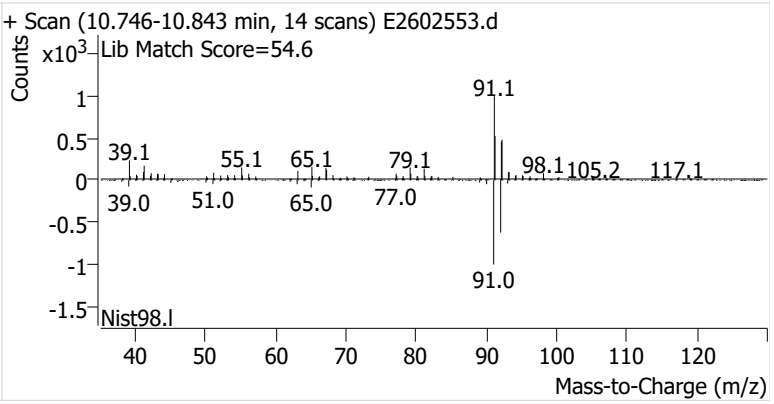
Toluene-d8 (IS)



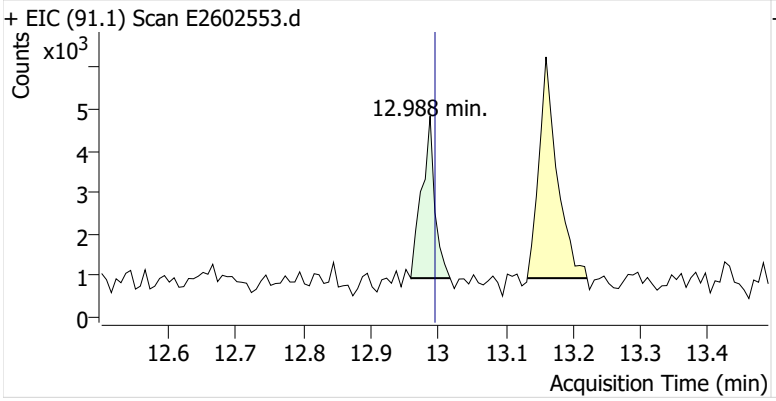


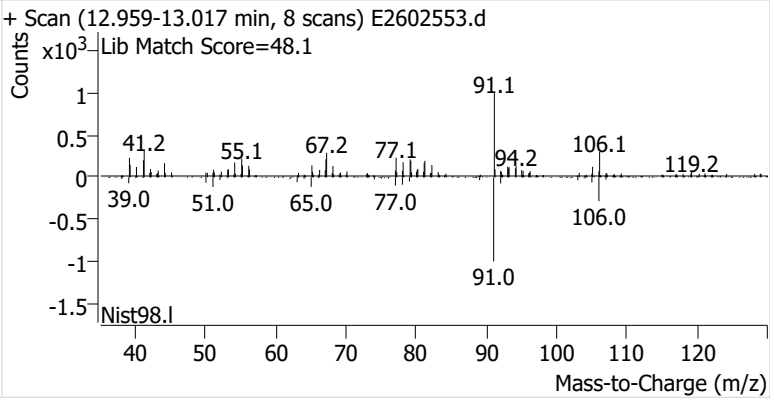
Toluene



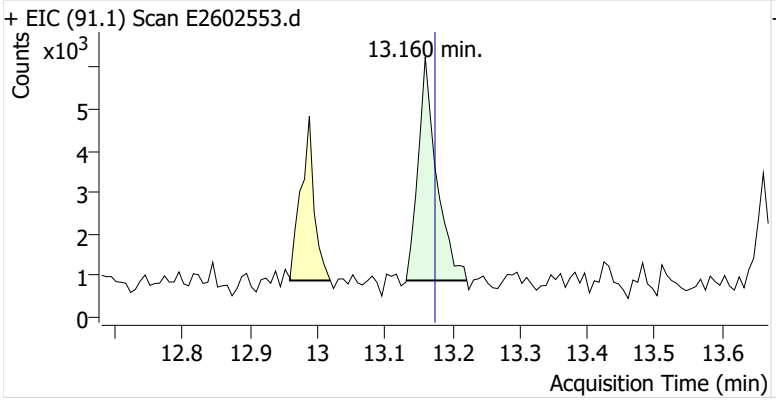


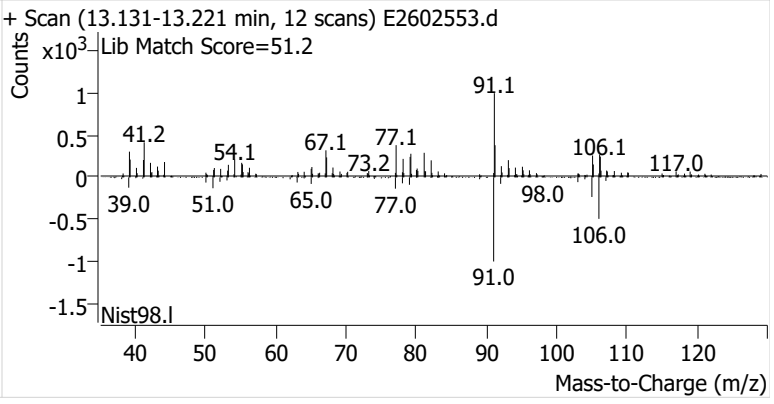
Ethylbenzene



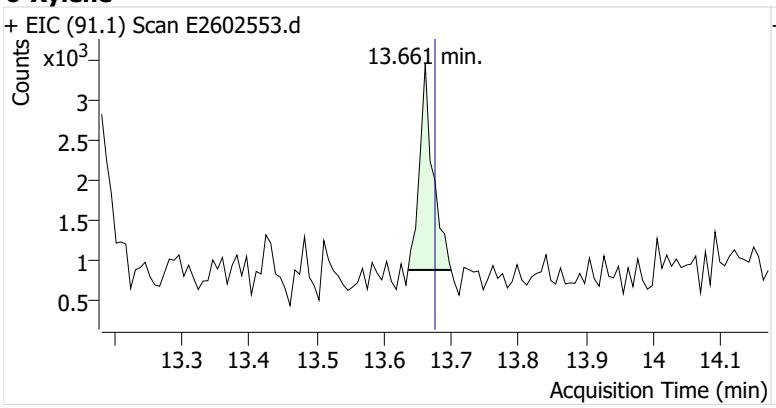


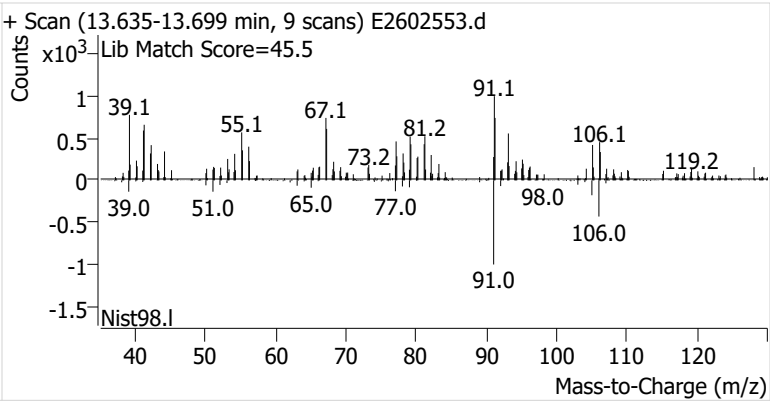
m-/p-Xylenes





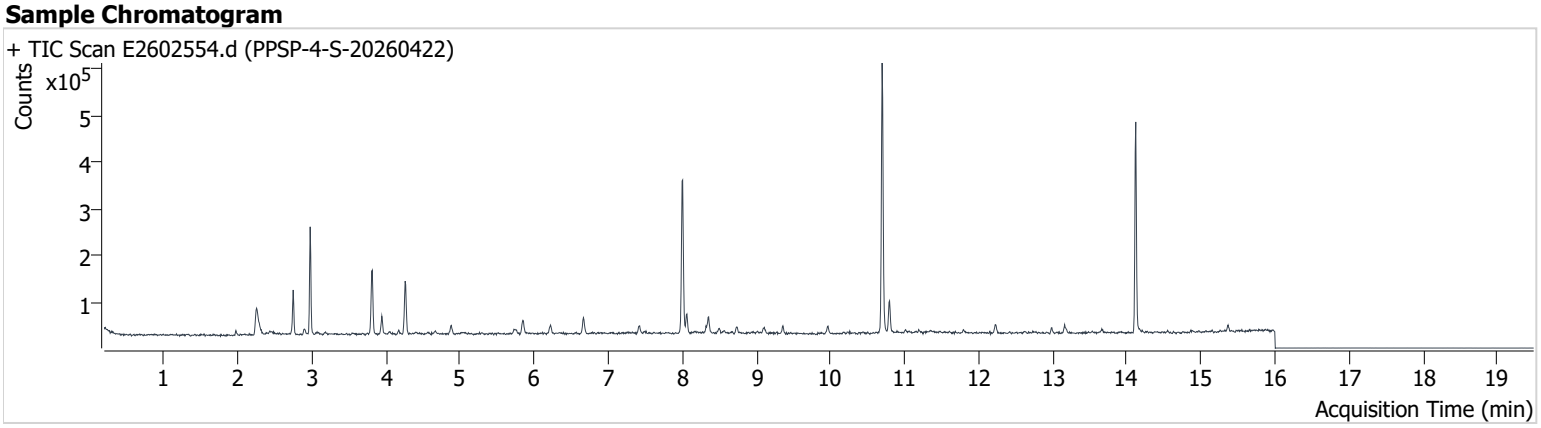
o-Xylene


+ EIC (91.1) Scan E2602553.d
Counts
x10^3
13.661 min.
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.635-13.699 min, 9 scans) E2602553.d
Counts
x10^3
Lib Match Score=45.5
1
0.5
0
-0.5
-1
-1.5
39.1
55.1
67.1
81.2
73.2
91.1
106.1
119.2
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)

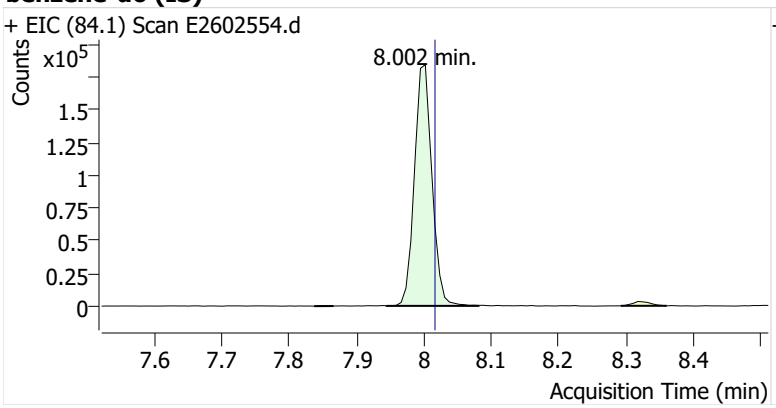
Name	PPSP-4-S-20260422
Comment	C01812
Data File	E2602554.d
Acq. Date-Time	5/12/2026 2:24:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

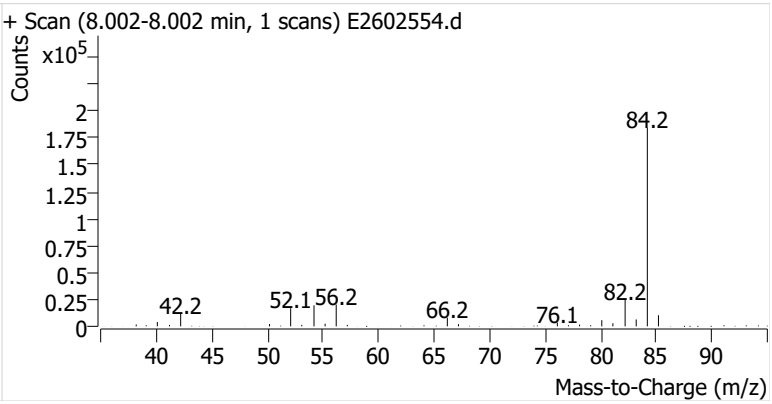
Sample Chromatogram



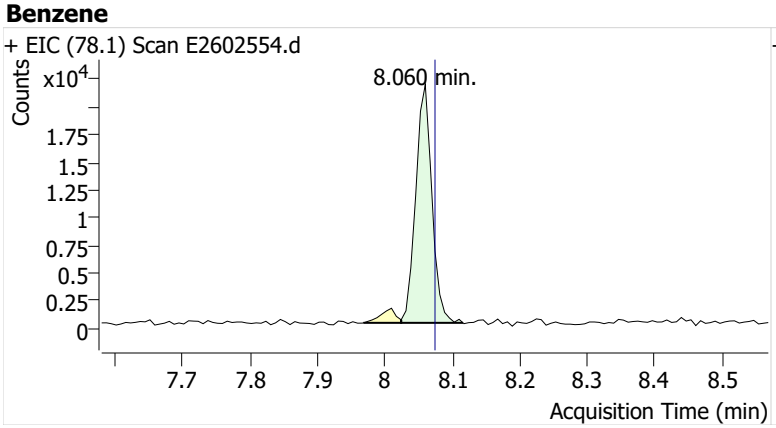
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.002	8.017	332,309	
Benzene	benzene-d6 (IS)	8.060	8.074	35,872	
Toluene-d8 (IS)		10.696	10.710	379,732	
Toluene	Toluene-d8 (IS)	10.796	10.803	48,417	
Ethylbenzene	Toluene-d8 (IS)	12.988	12.995	6,079	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	11,663	
o-Xylene	Toluene-d8 (IS)	13.668	13.675	5,207	

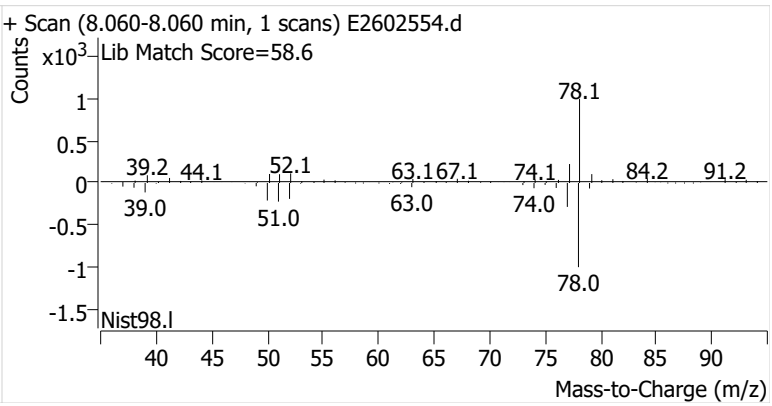
benzene-d6 (IS)



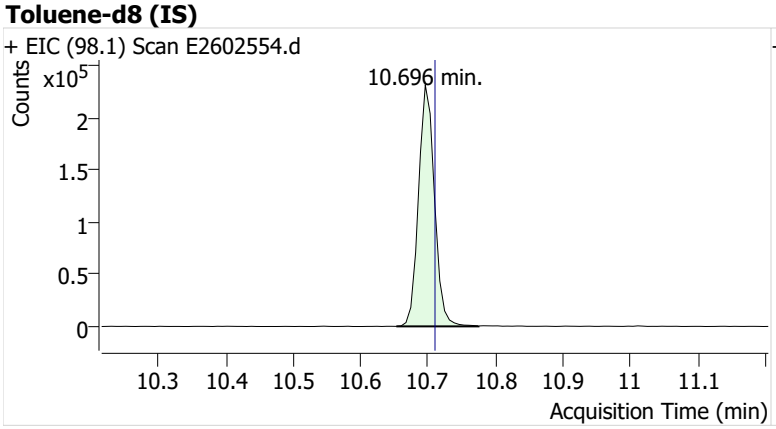


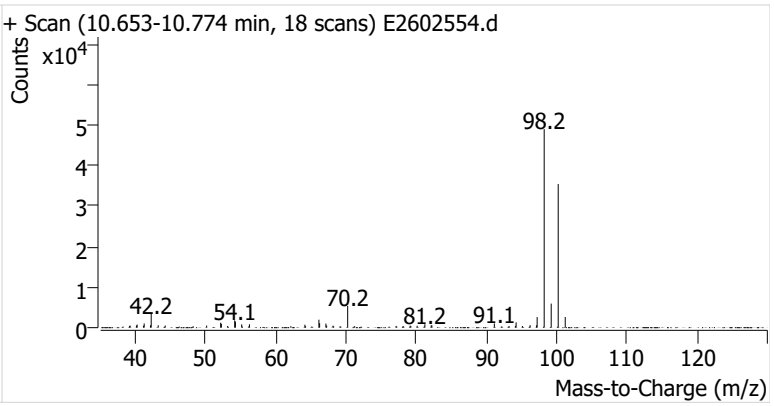
Benzene



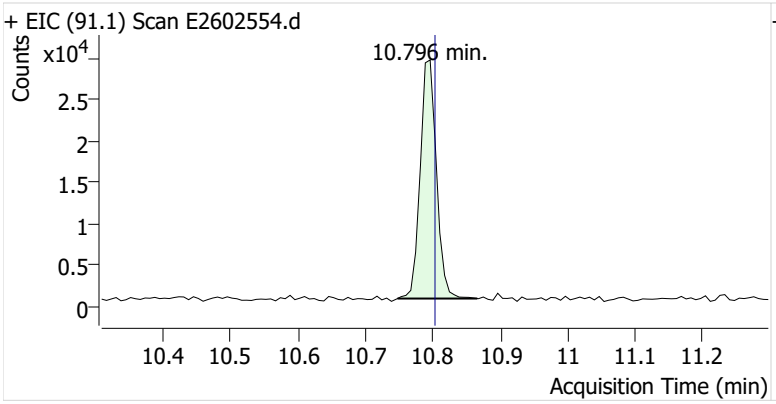


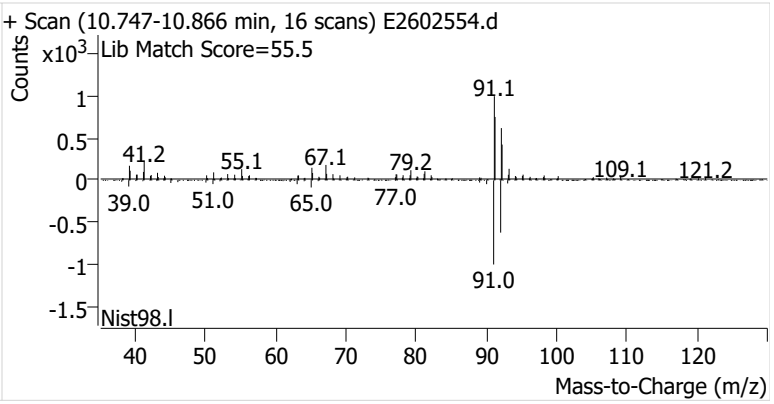
Toluene-d8 (IS)



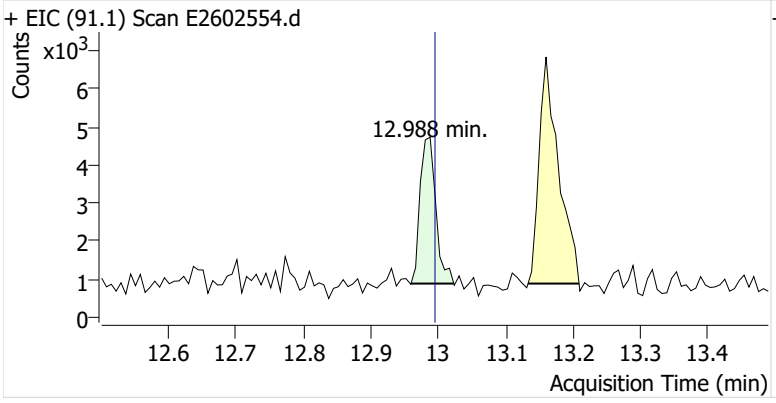


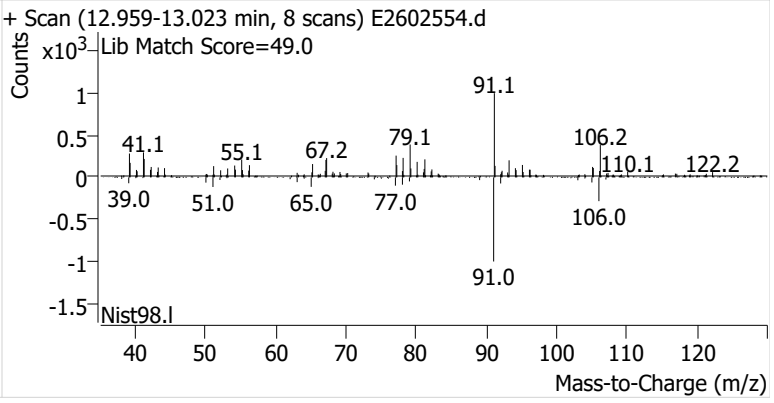
Toluene



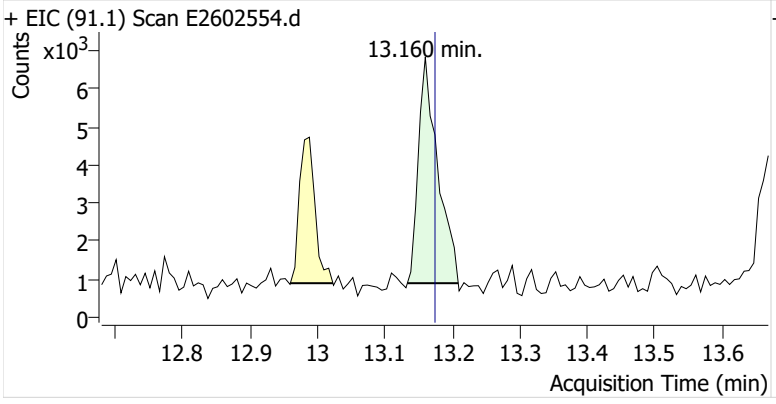


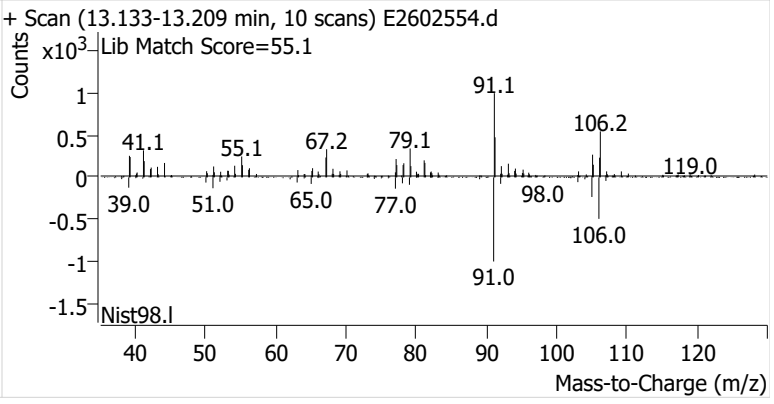
Ethylbenzene



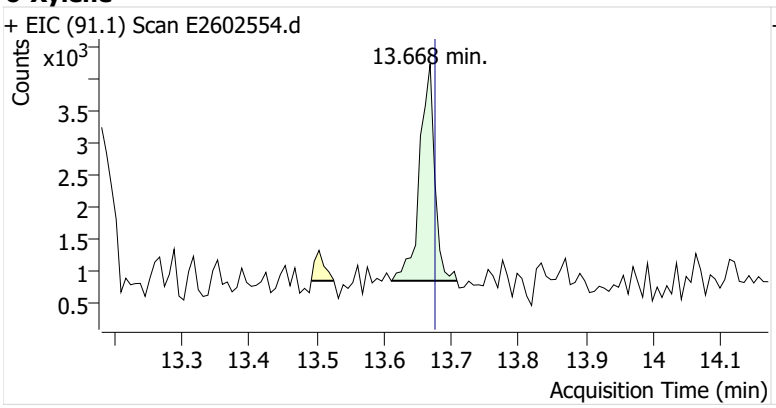


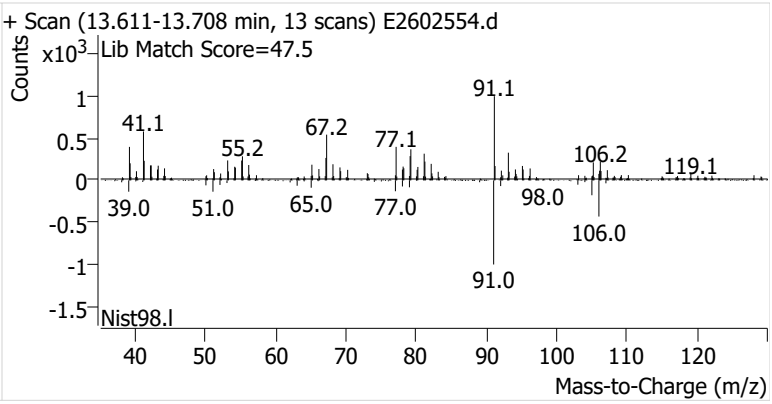
m-/p-Xylenes





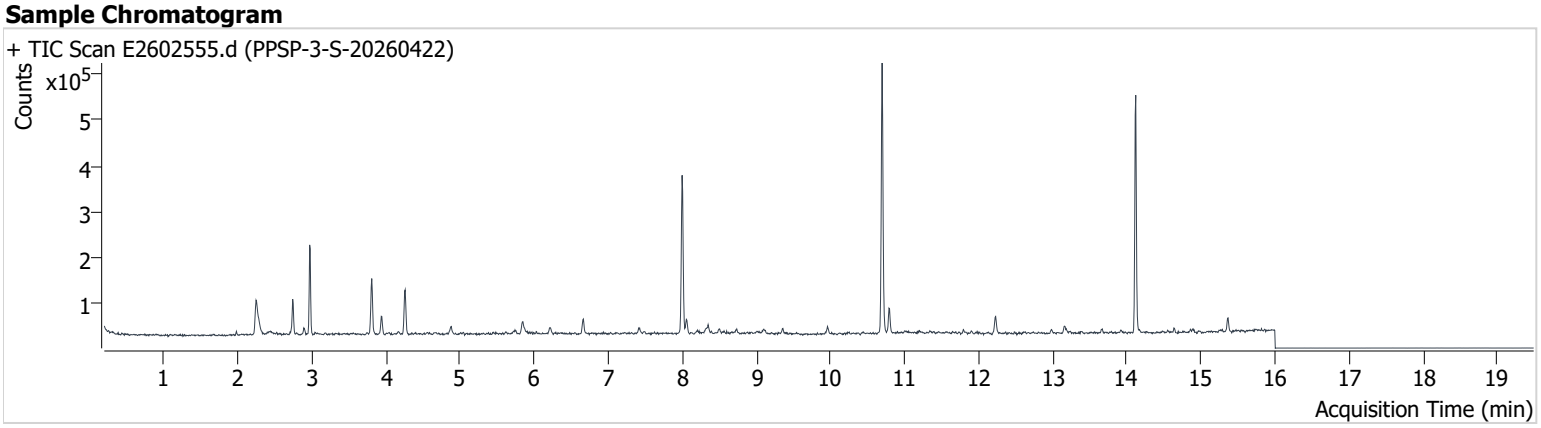
o-Xylene


+ EIC (91.1) Scan E2602554.d
Counts
x10^3
13.668 min.
3.5
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.611-13.708 min, 13 scans) E2602554.d
Counts
x10^3
Lib Match Score=47.5
91.1
41.1
67.2
77.1
55.2
106.2
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)

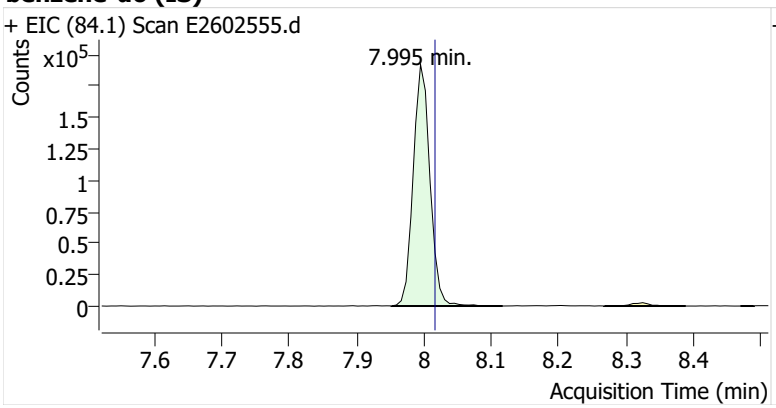
Name	PPSP-3-S-20260422
Comment	C56959
Data File	E2602555.d
Acq. Date-Time	5/12/2026 2:50:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

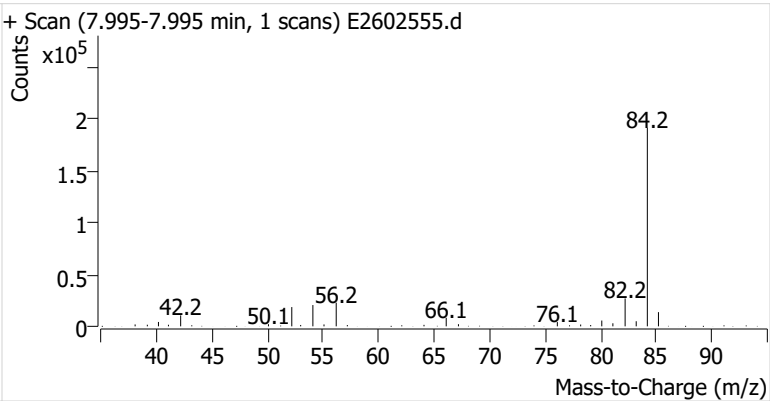
Sample Chromatogram



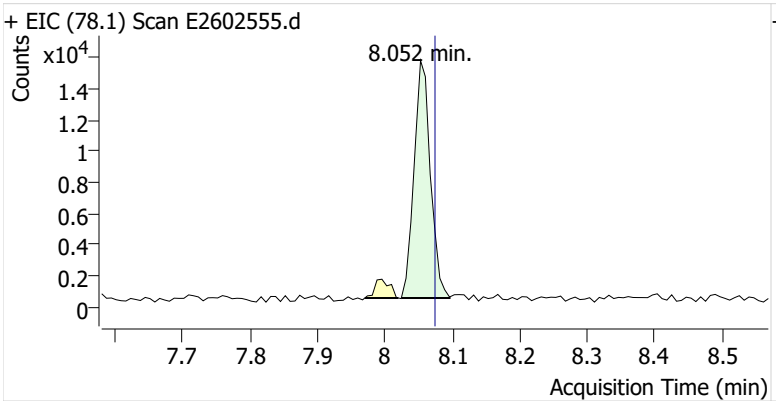
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	331,689	
Benzene	benzene-d6 (IS)	8.052	8.074	25,550	
Toluene-d8 (IS)		10.696	10.710	377,575	
Toluene	Toluene-d8 (IS)	10.796	10.803	36,356	
Ethylbenzene	Toluene-d8 (IS)	12.988	12.995	5,328	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	12,360	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	4,947	

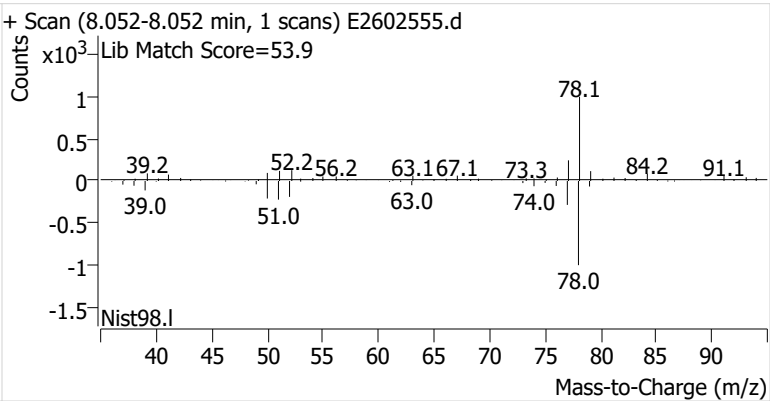
benzene-d6 (IS)



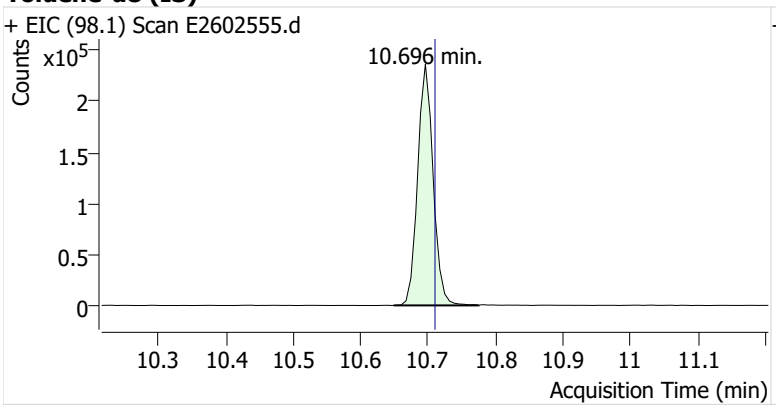


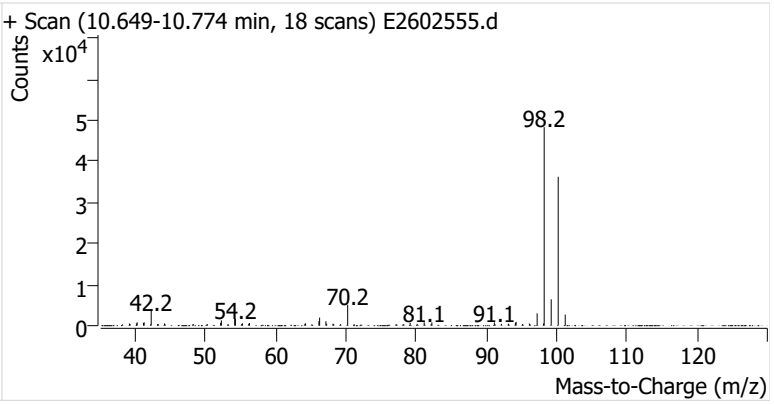
Benzene



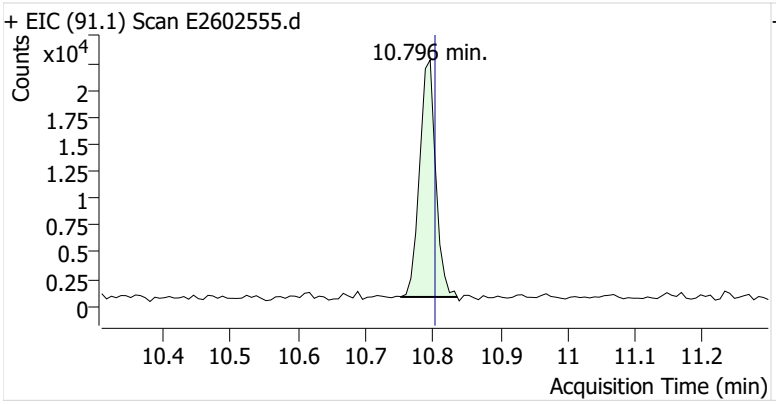


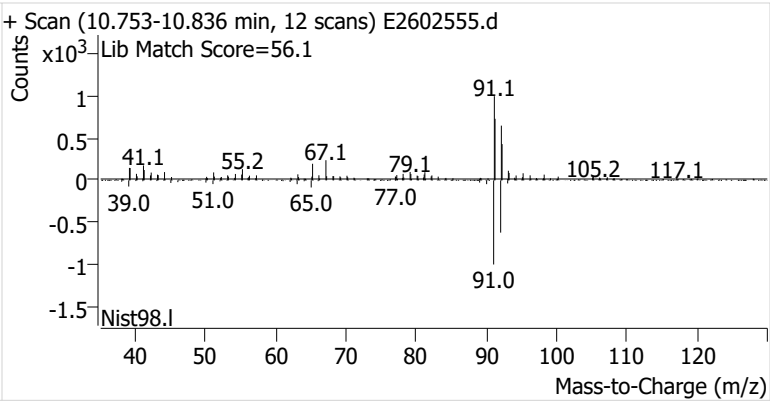
Toluene-d8 (IS)



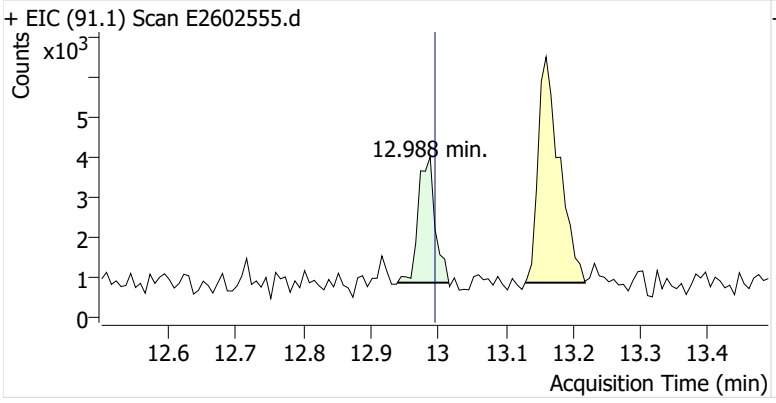


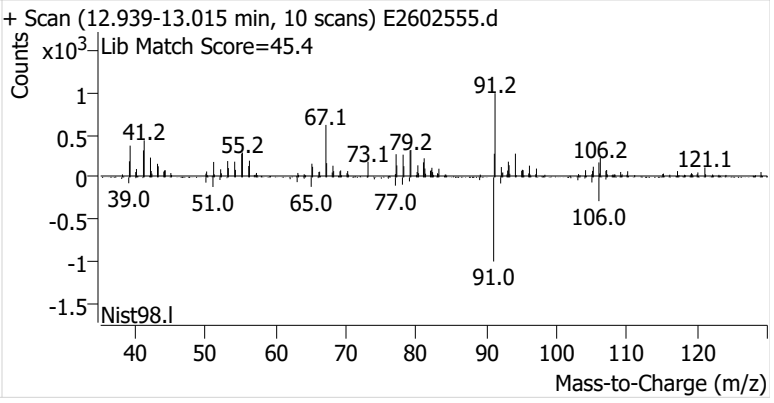
Toluene



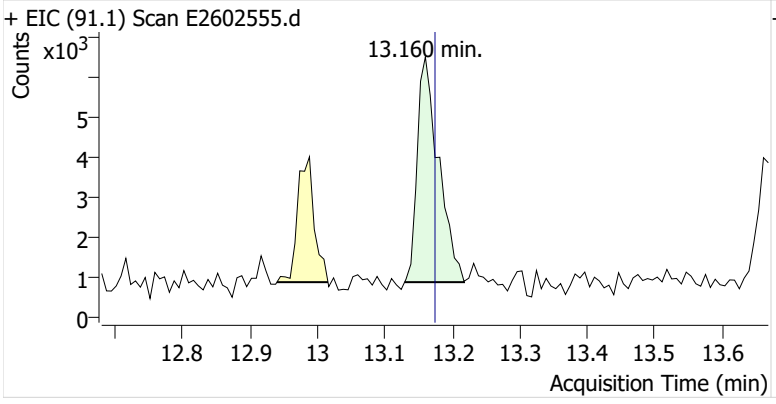


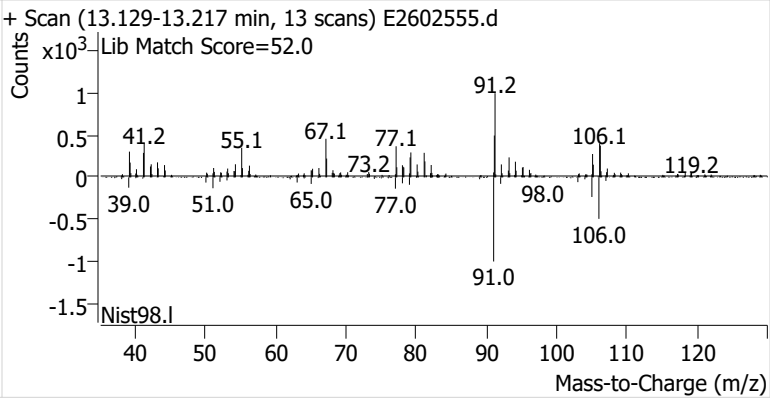
Ethylbenzene



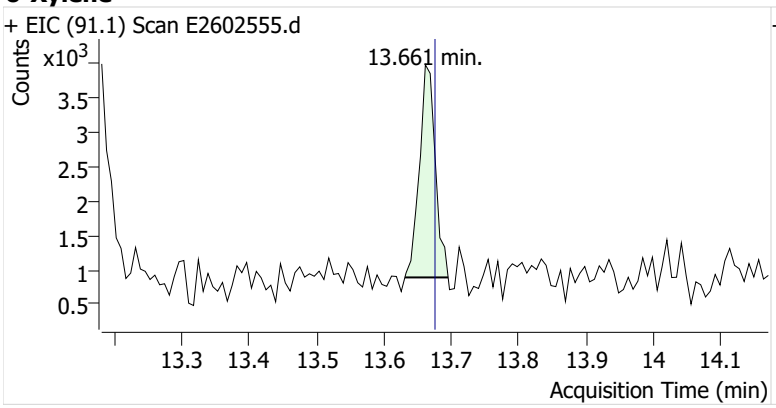


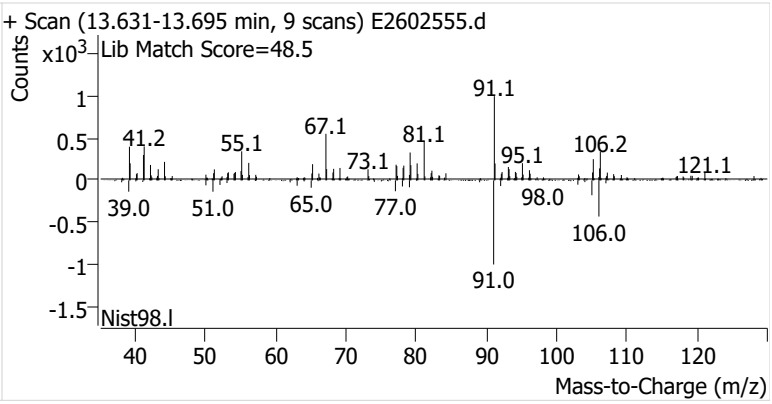
m-/p-Xylenes





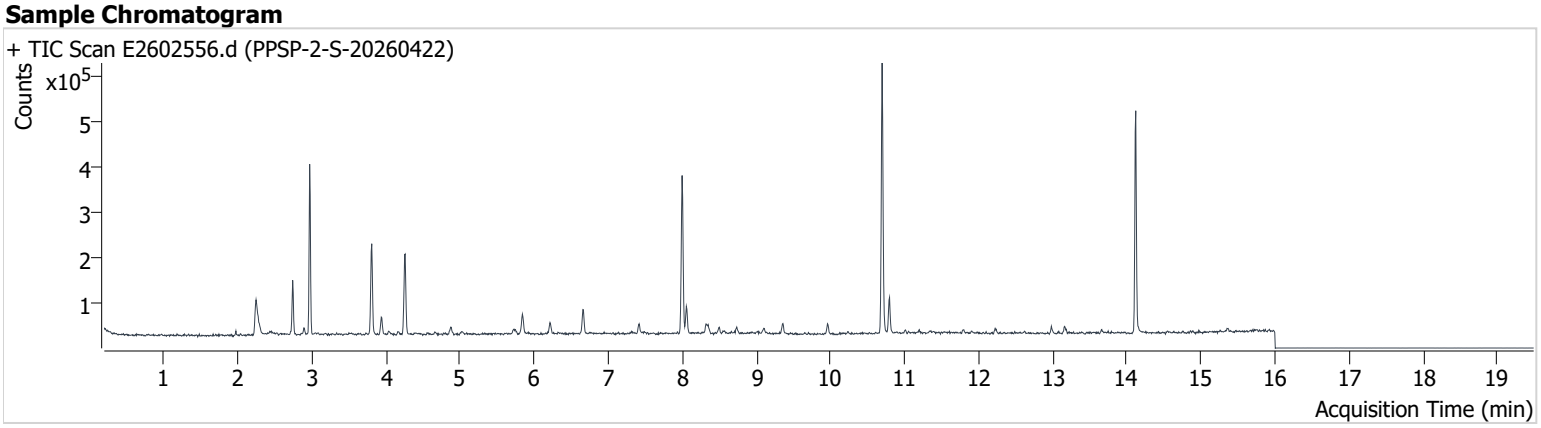
o-Xylene


+ EIC (91.1) Scan E2602555.d
Counts
x10^3
13.661 min.
3.5
3
2.5
2
1.5
1
0.5
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) E2602555.d
Counts
x10^3
Lib Match Score=48.5
91.1
41.2
55.1
67.1
81.1
73.1
95.1
106.2
121.1
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)

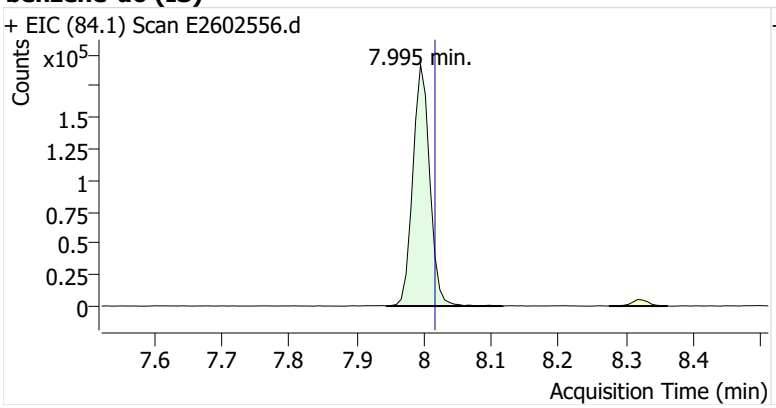
Name	PPSP-2-S-20260422
Comment	C40106
Data File	E2602556.d
Acq. Date-Time	5/12/2026 3:16:49 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

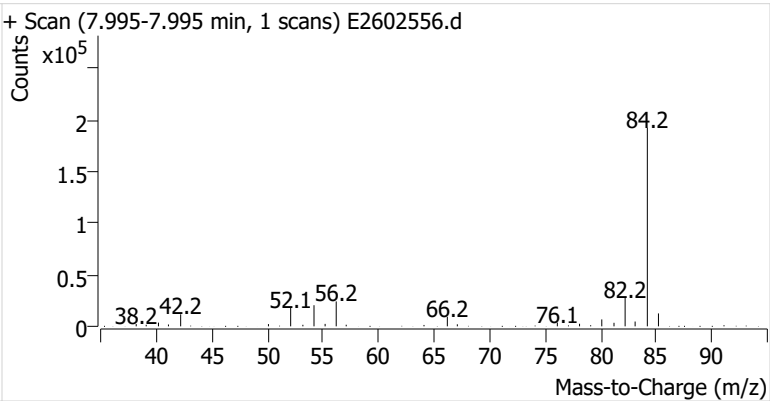
Sample Chromatogram



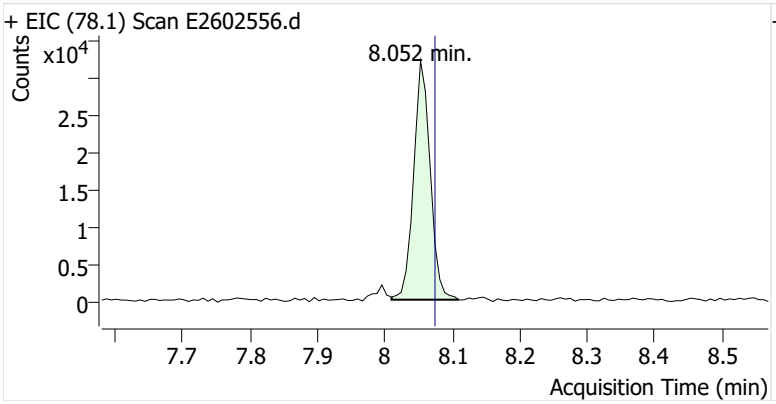
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	335,225	
Benzene	benzene-d6 (IS)	8.052	8.074	54,617	
Toluene-d8 (IS)		10.696	10.710	382,037	
Toluene	Toluene-d8 (IS)	10.796	10.803	52,818	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	9,026	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	11,070	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	4,266	

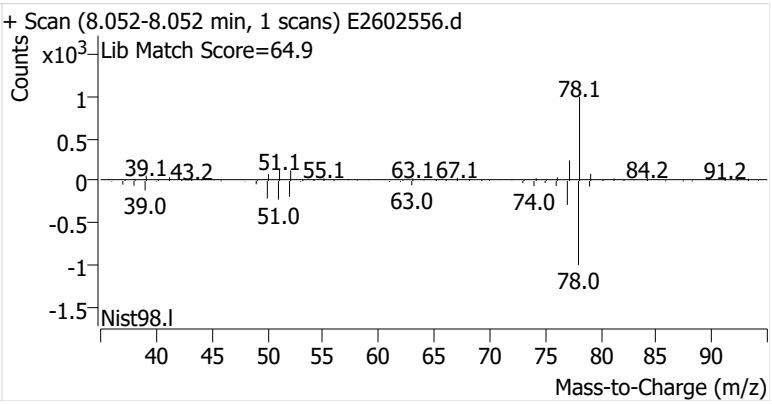
benzene-d6 (IS)



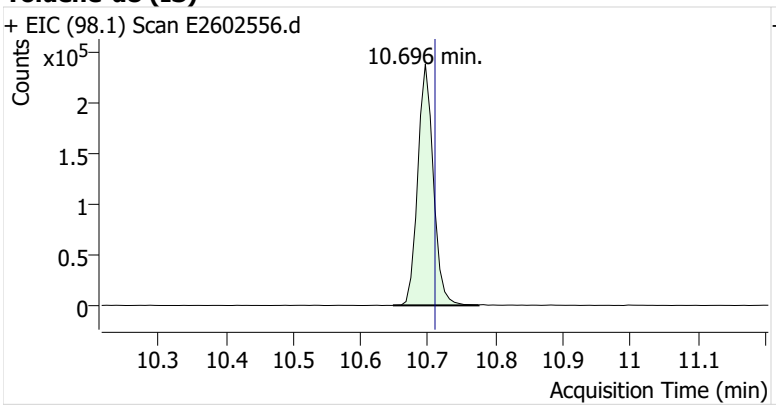


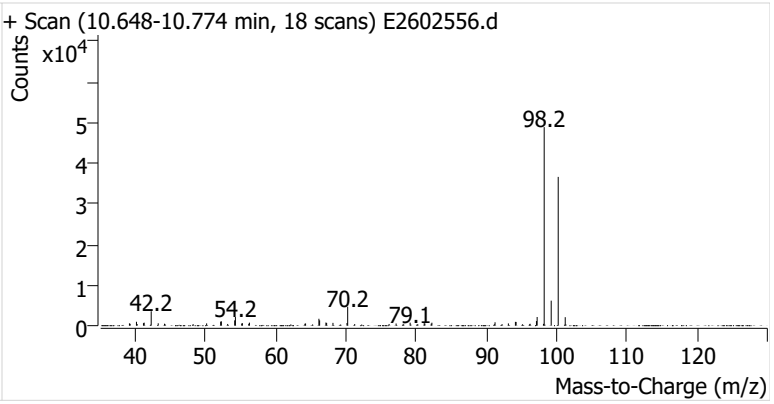
Benzene



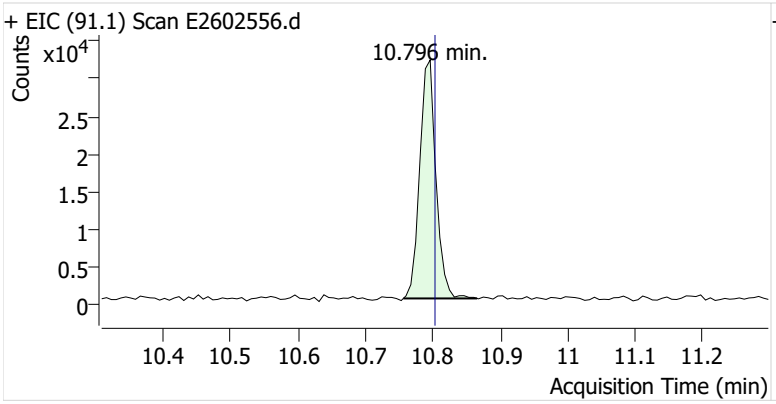


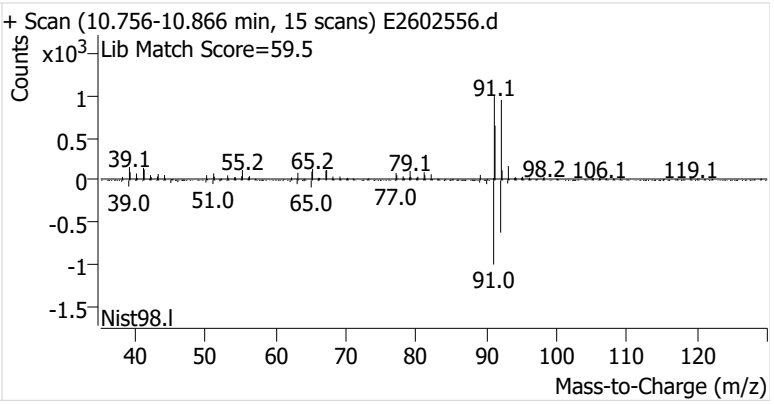
Toluene-d8 (IS)



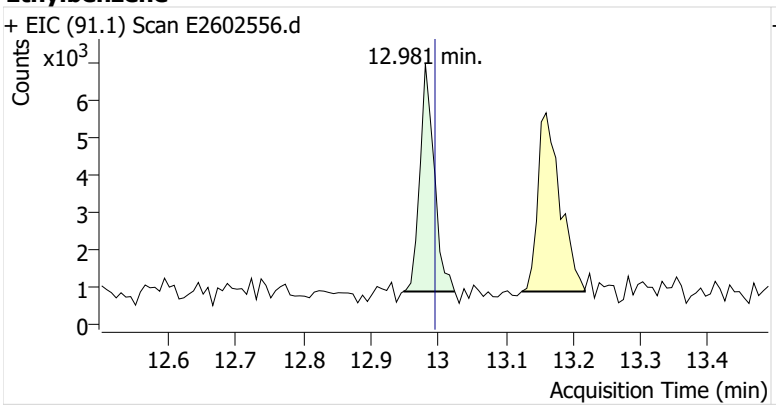


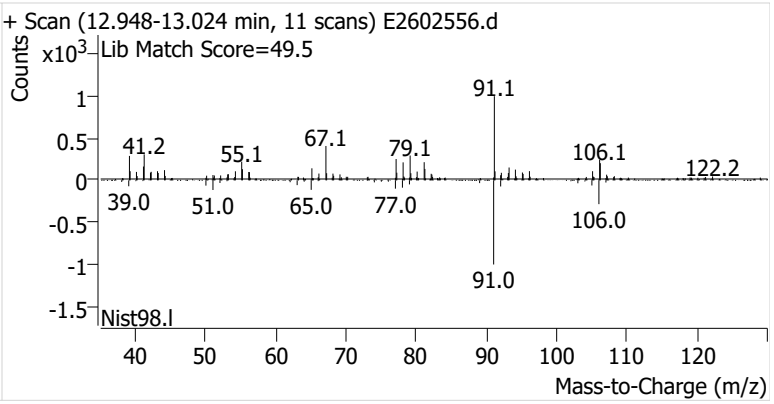
Toluene



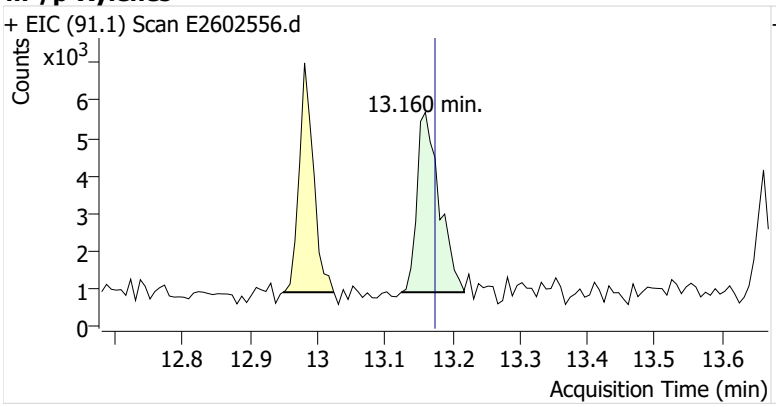


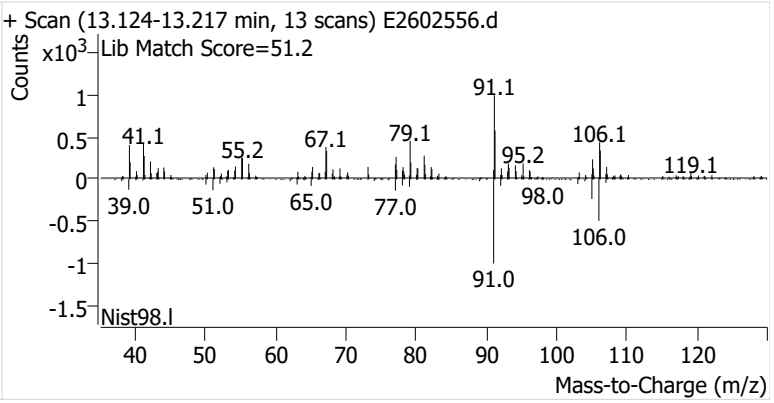
Ethylbenzene



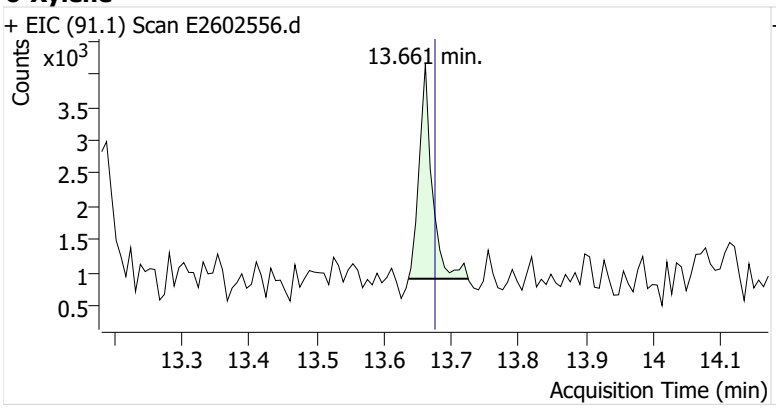


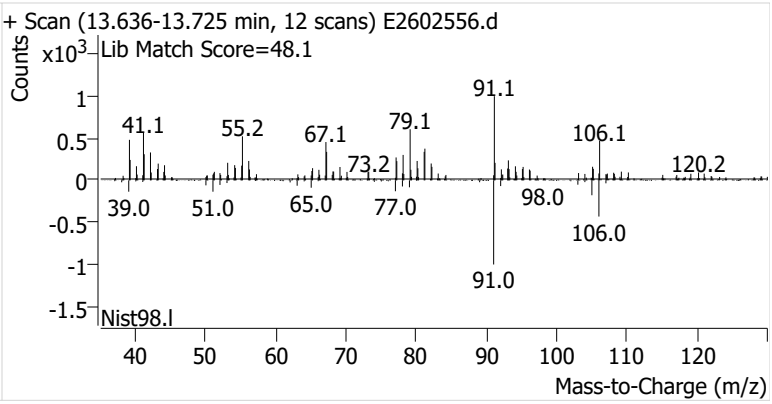
m-/p-Xylenes





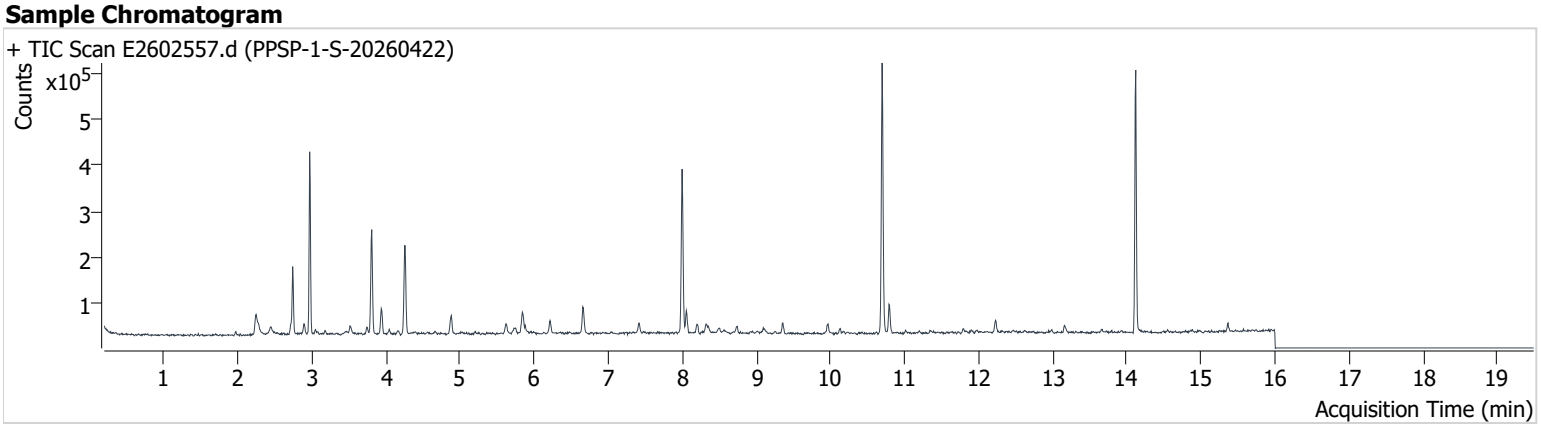
o-Xylene


+ EIC (91.1) Scan E2602556.d
Counts
x10^3
13.661 min.
3.5
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.636-13.725 min, 12 scans) E2602556.d
Counts
x10^3
Lib Match Score=48.1
91.1
41.1
55.2
67.1
79.1
106.1
120.2
73.2
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)

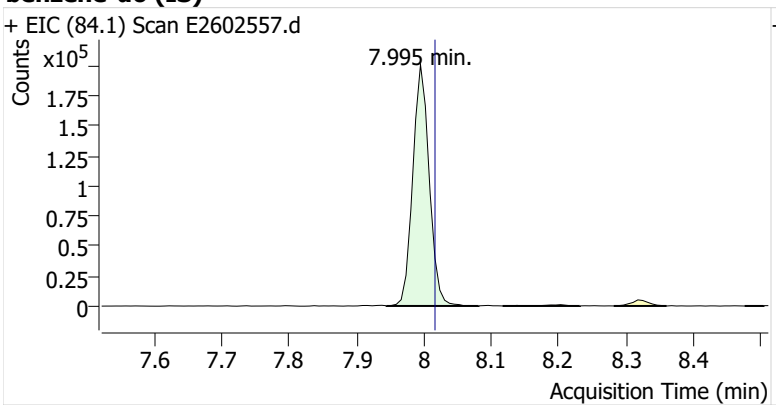
Name	PPSP-1-S-20260422
Comment	C71529
Data File	E2602557.d
Acq. Date-Time	5/12/2026 3:42:57 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

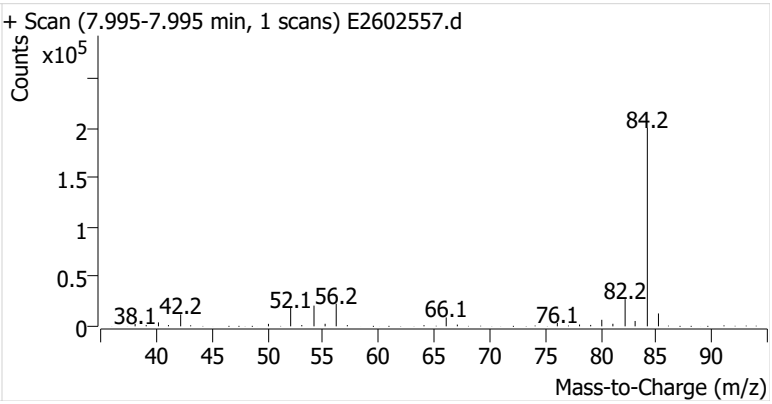
Sample Chromatogram



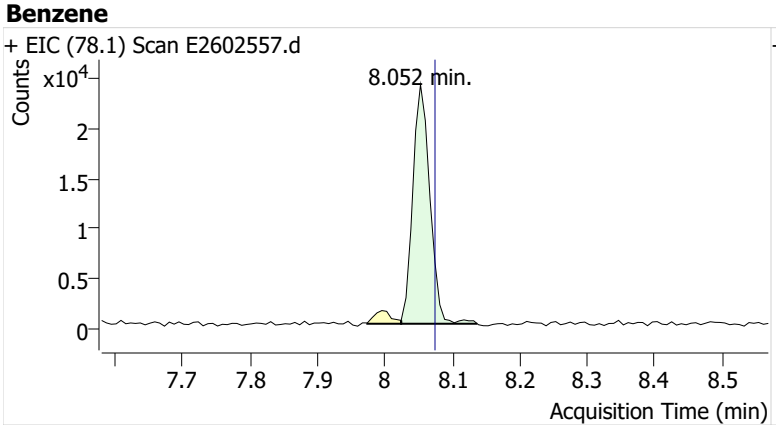
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	339,782	
Benzene	benzene-d6 (IS)	8.052	8.074	42,029	
Toluene-d8 (IS)		10.696	10.710	380,334	
Toluene	Toluene-d8 (IS)	10.796	10.803	43,304	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	3,603	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	10,261	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	3,964	

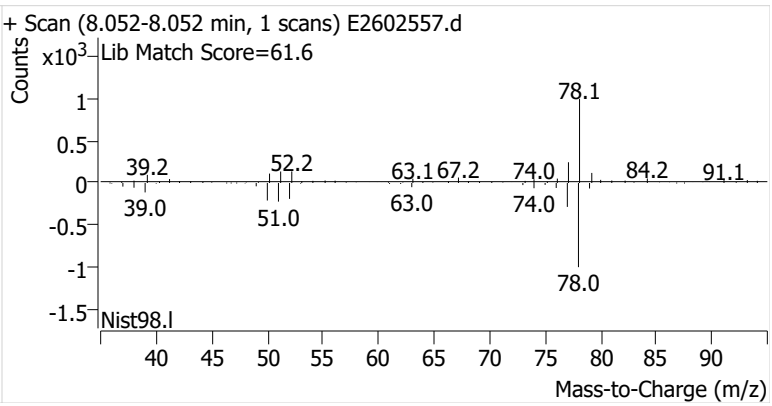
benzene-d6 (IS)



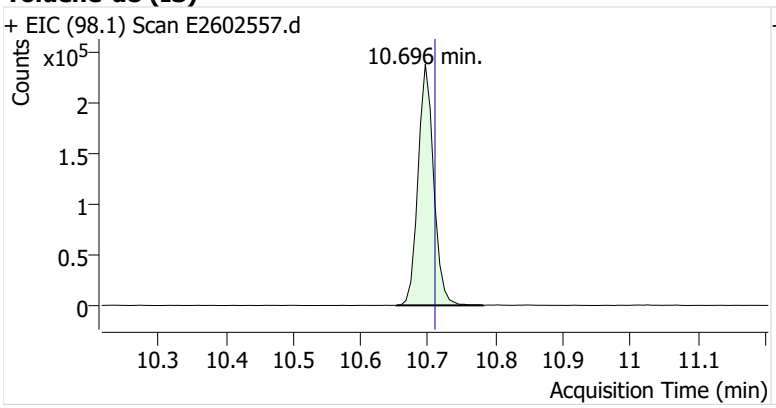


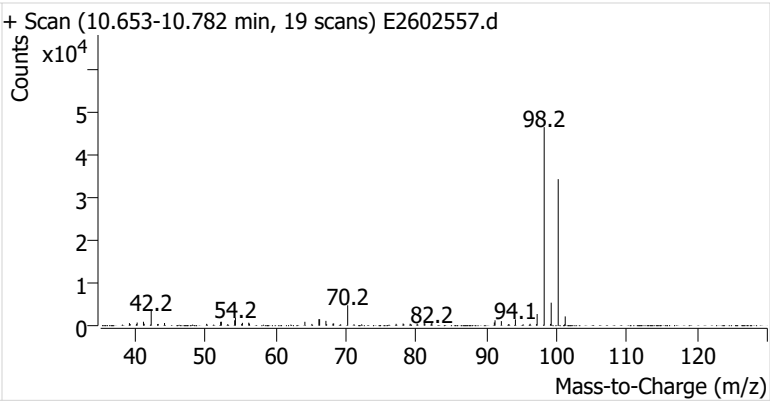
Benzene



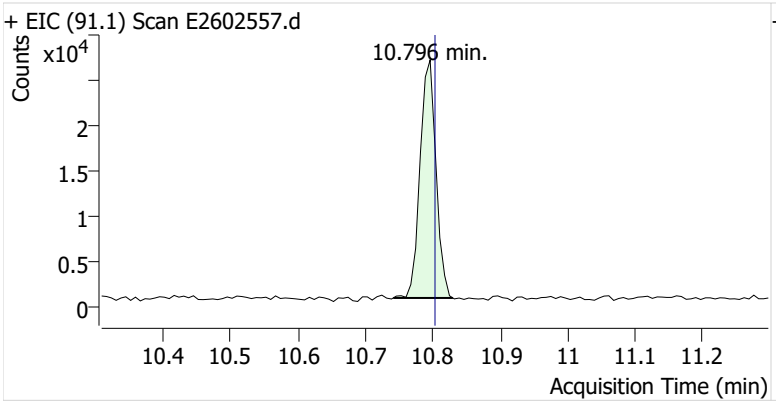


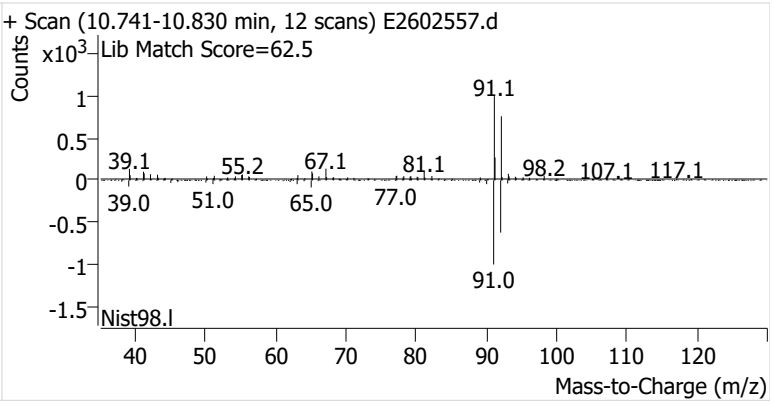
Toluene-d8 (IS)



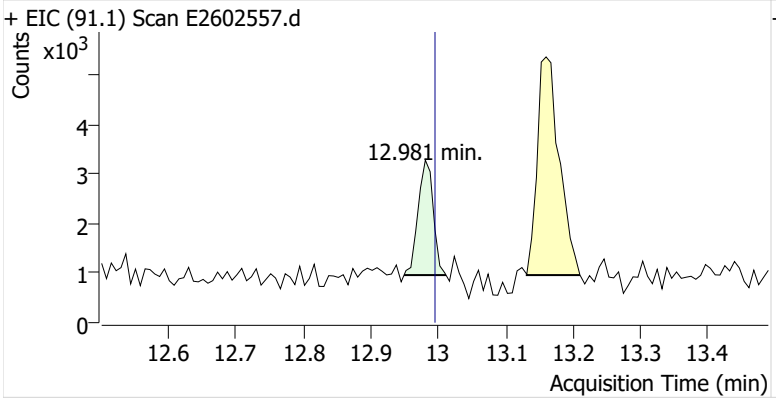


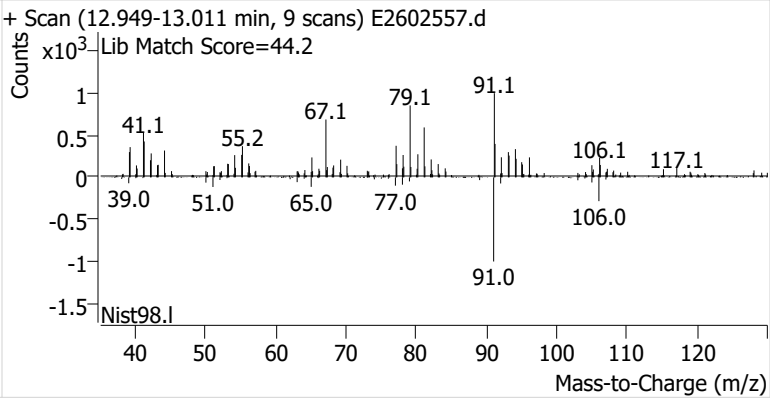
Toluene



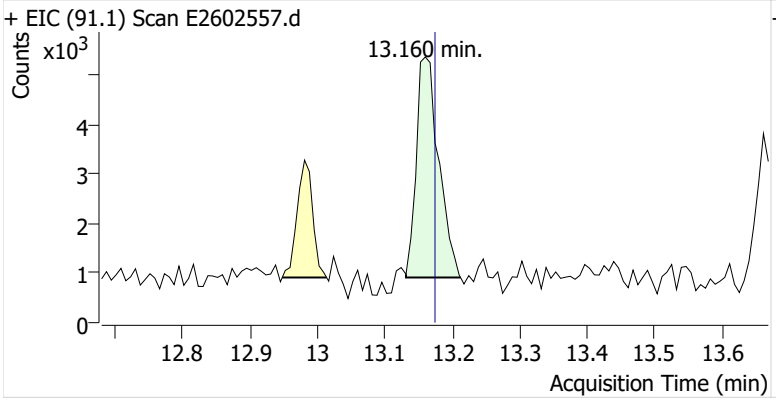


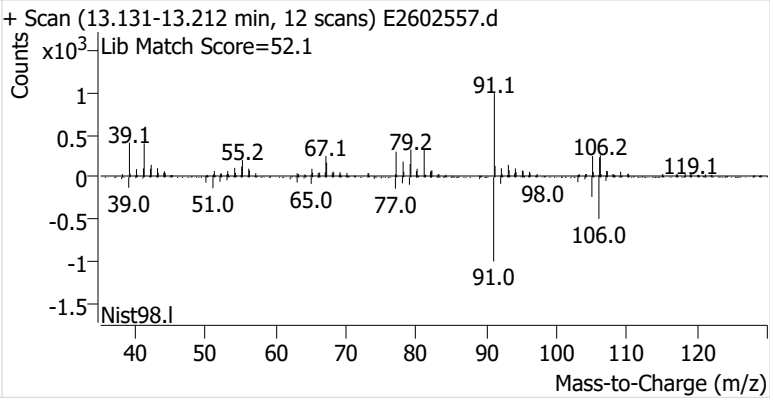
Ethylbenzene



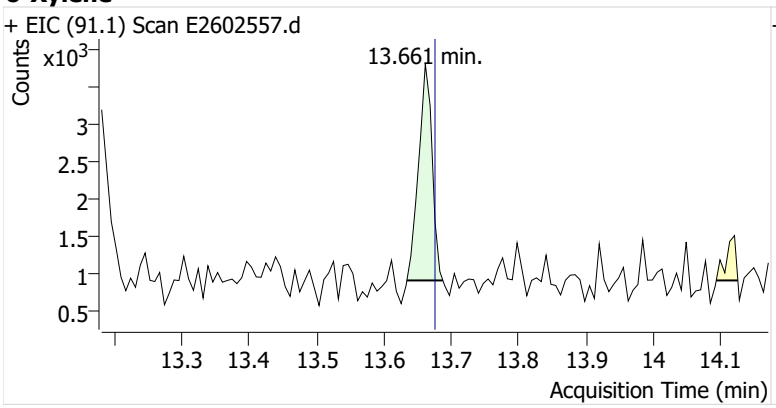


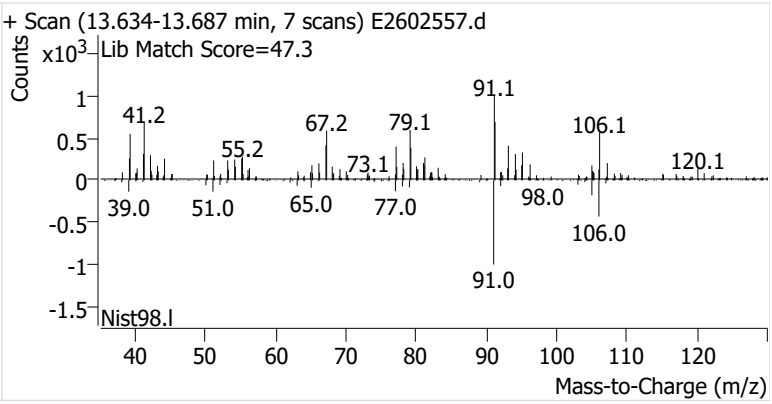
m-/p-Xylenes





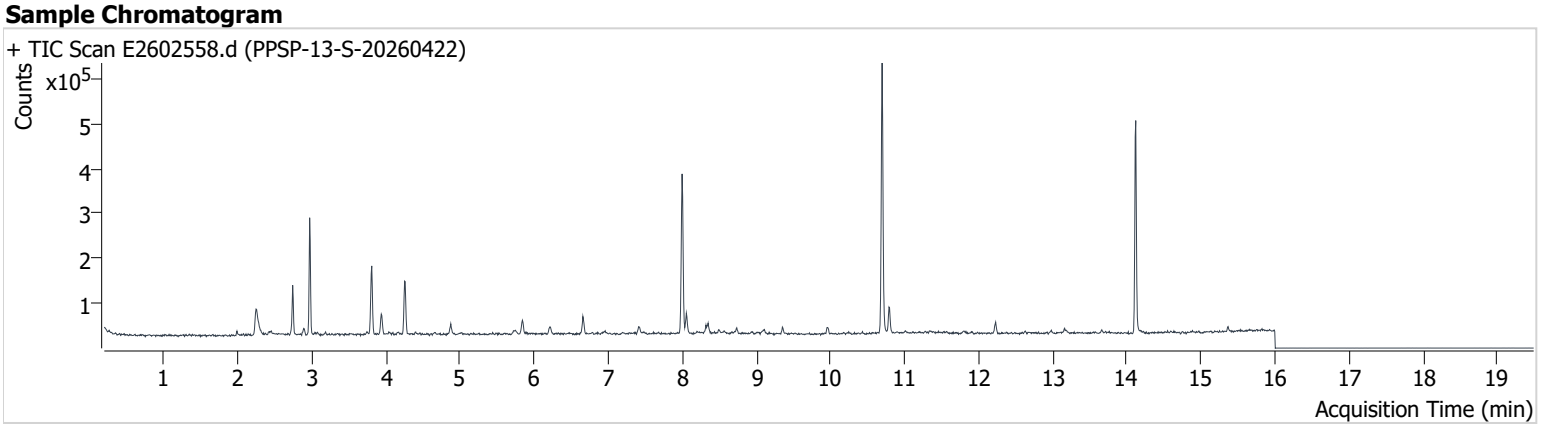
o-Xylene


+ EIC (91.1) Scan E2602557.d
Counts
x10^3
13.661 min.
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.634-13.687 min, 7 scans) E2602557.d
Lib Match Score=47.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.2
55.2
67.2
79.1
91.1
106.1
120.1
39.0
51.0
65.0
73.1
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

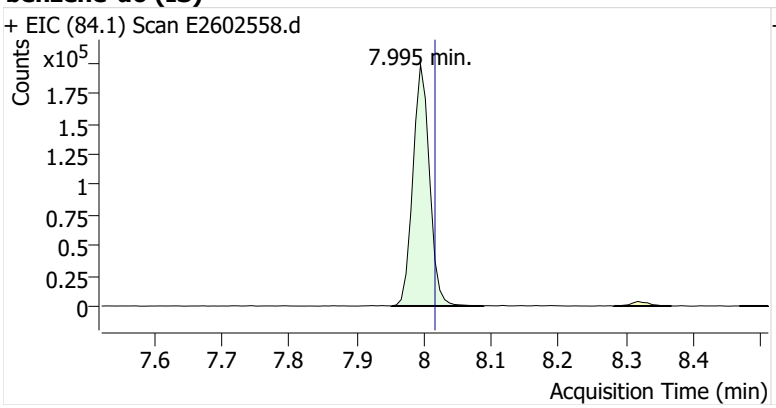
Name	PPSP-13-S-20260422
Comment	C20420
Data File	E2602558.d
Acq. Date-Time	5/12/2026 4:10:02 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

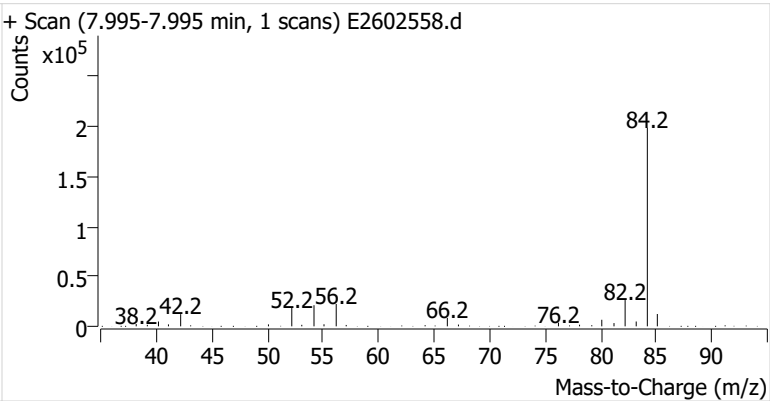
Sample Chromatogram



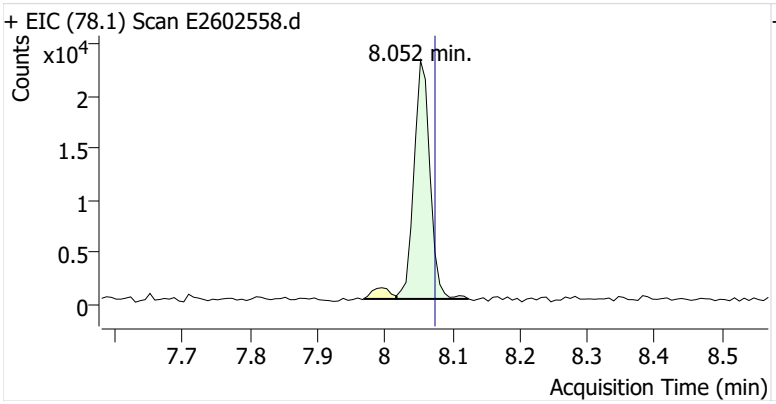
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	340,188	
Benzene	benzene-d6 (IS)	8.052	8.074	37,792	
Toluene-d8 (IS)		10.696	10.710	385,235	
Toluene	Toluene-d8 (IS)	10.789	10.803	41,221	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	4,210	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	7,935	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	2,391	

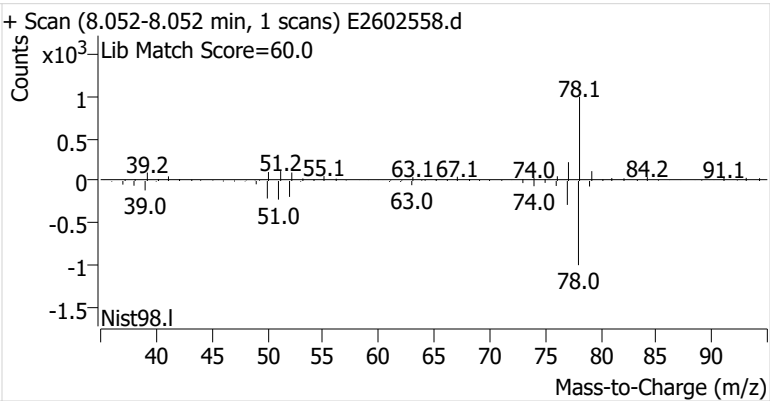
benzene-d6 (IS)



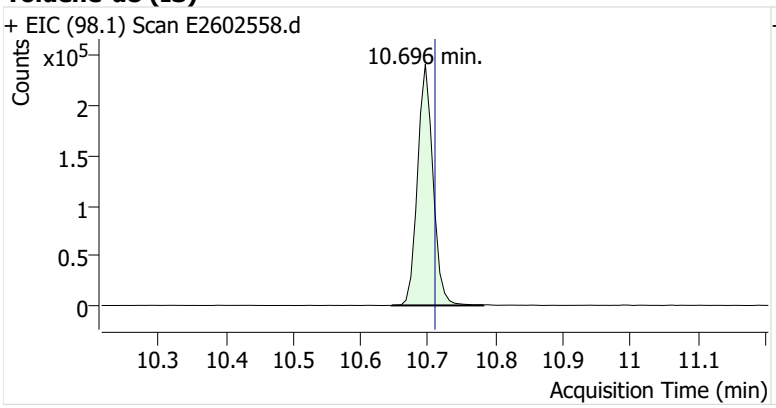


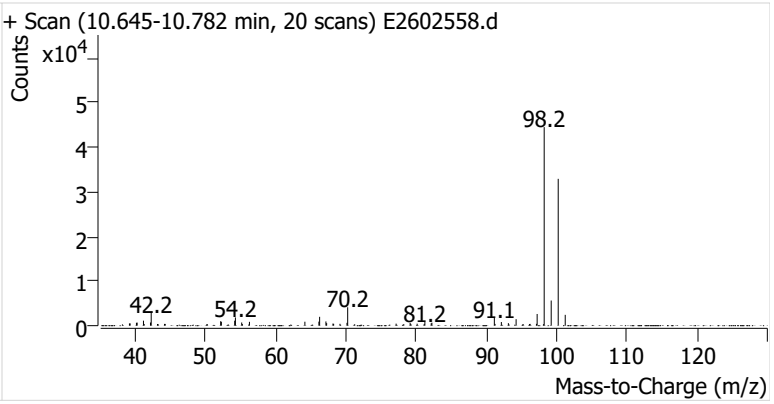
Benzene



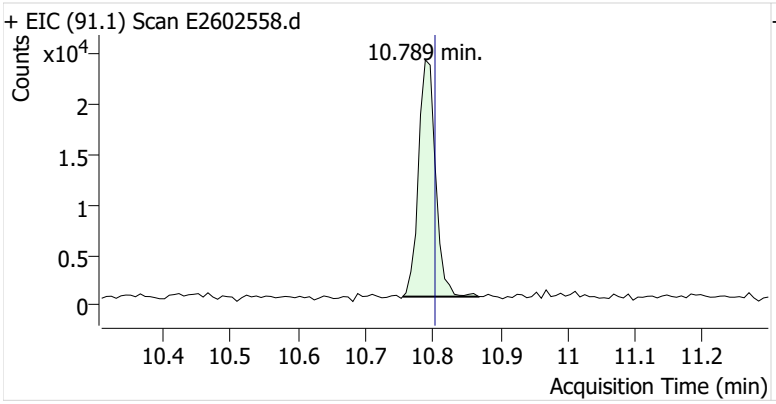


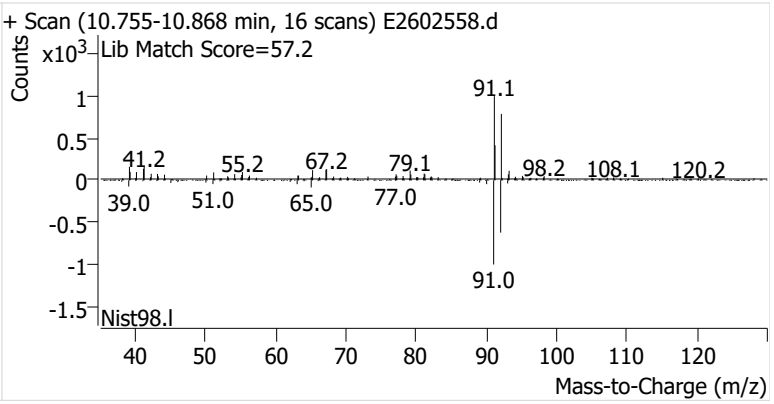
Toluene-d8 (IS)



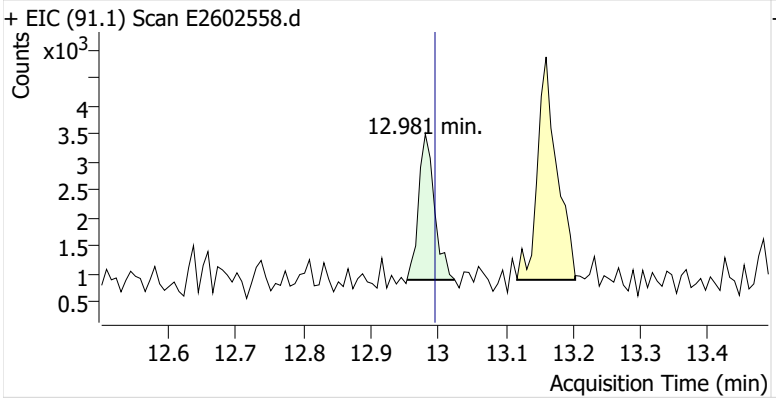


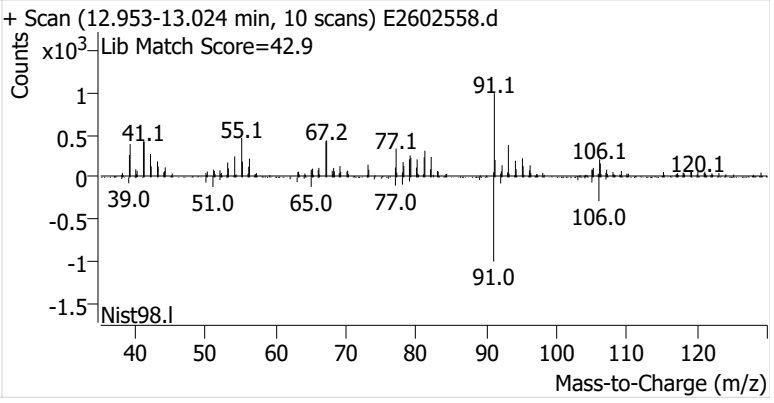
Toluene



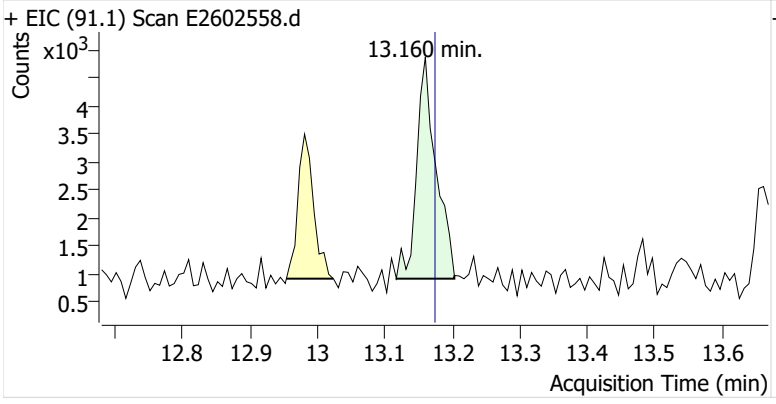


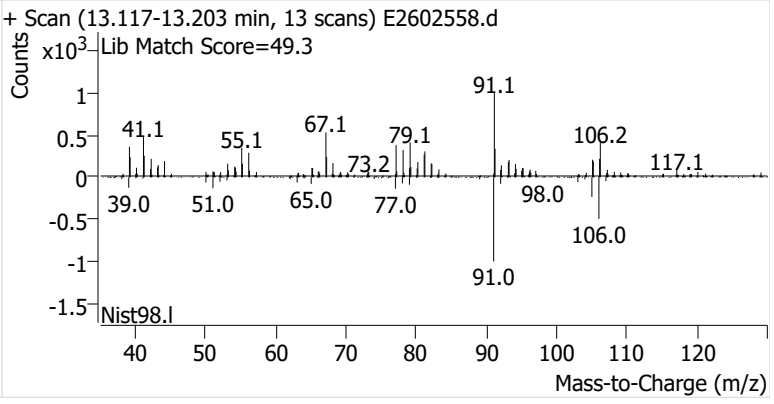
Ethylbenzene



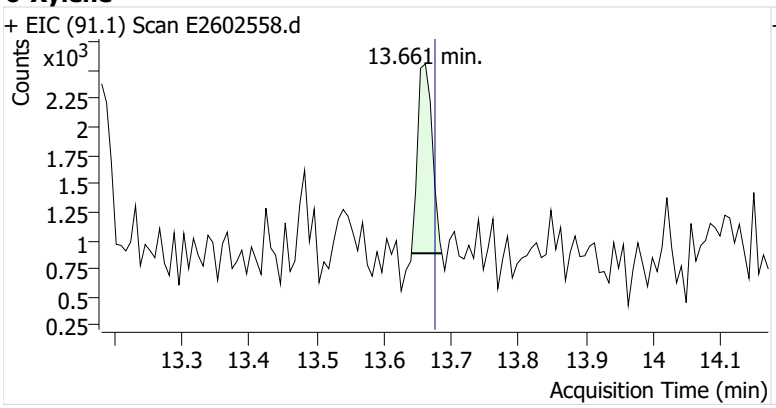


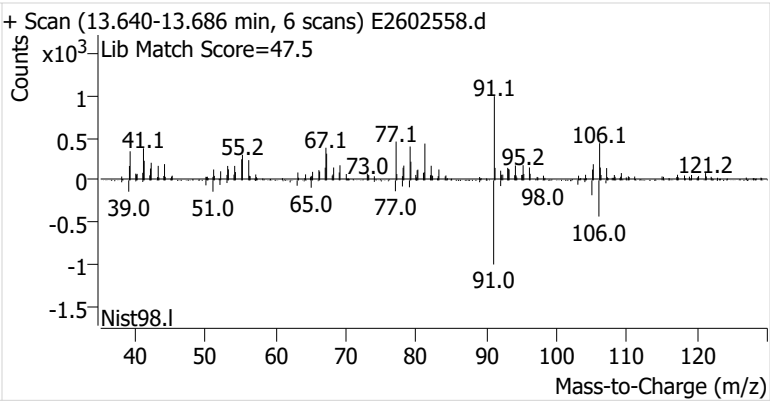
m-/p-Xylenes





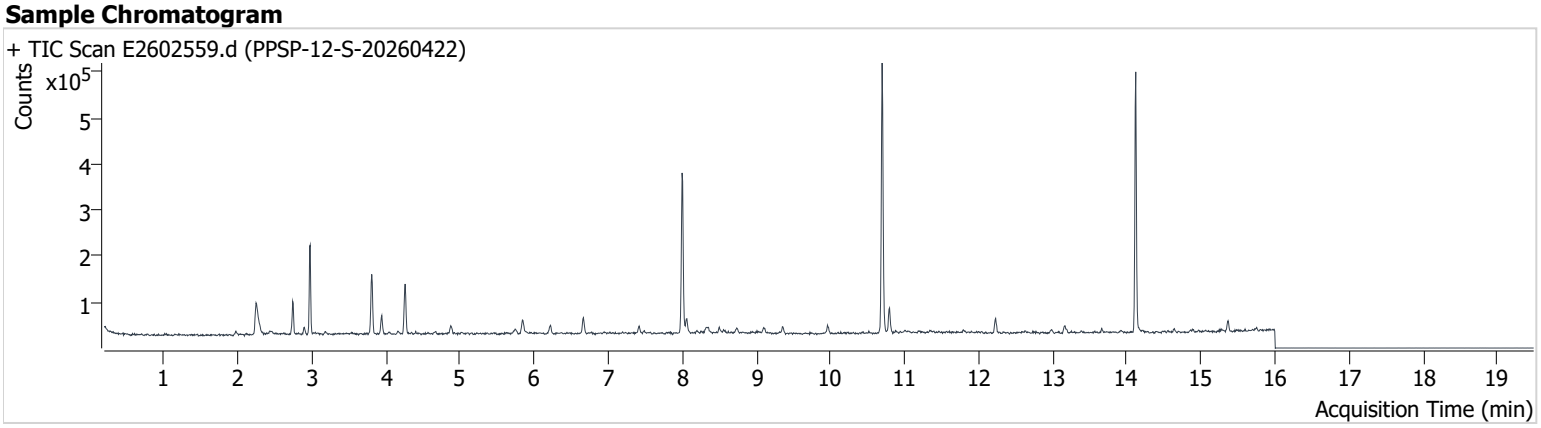
o-Xylene


+ EIC (91.1) Scan E2602558.d
Counts
x10^3
13.661 min.
2.25
2
1.75
1.5
1.25
1
0.75
0.5
0.25
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.686 min, 6 scans) E2602558.d
Counts
x10^3
Lib Match Score=47.5
91.1
41.1
55.2
67.1
77.1
73.0
95.2
106.1
121.2
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)

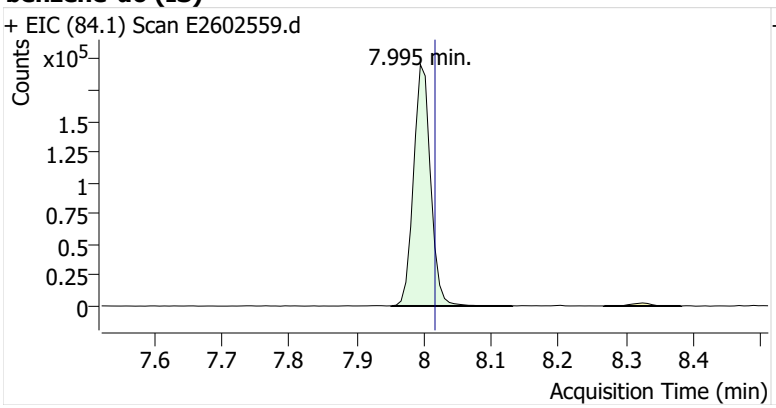
Name	PPSP-12-S-20260422
Comment	C57819
Data File	E2602559.d
Acq. Date-Time	5/12/2026 4:36:10 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

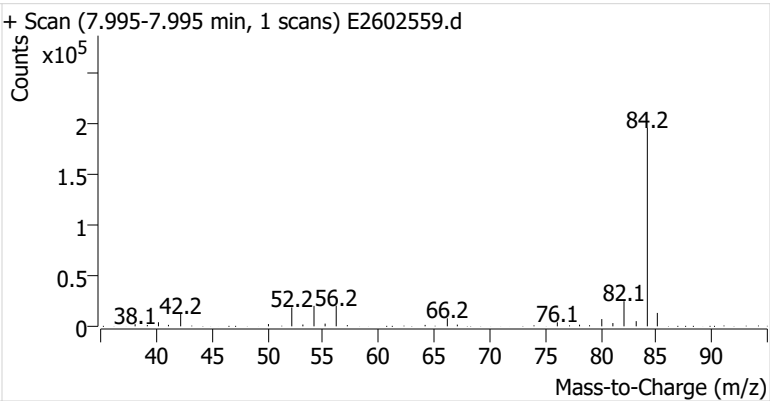
Sample Chromatogram



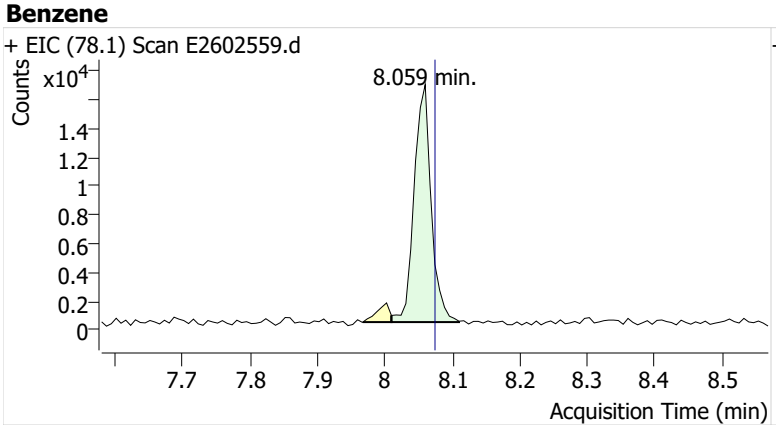
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	343,903	
Benzene	benzene-d6 (IS)	8.059	8.074	28,999	
Toluene-d8 (IS)		10.695	10.710	381,499	
Toluene	Toluene-d8 (IS)	10.796	10.803	35,264	
Ethylbenzene	Toluene-d8 (IS)	12.980	12.995	4,128	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	12,059	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	3,907	

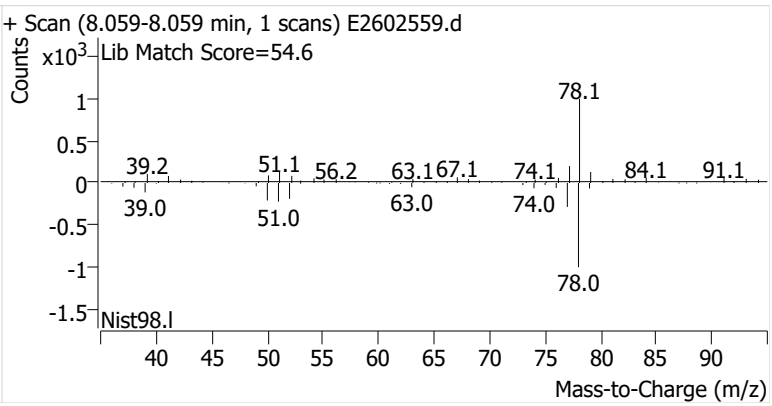
benzene-d6 (IS)



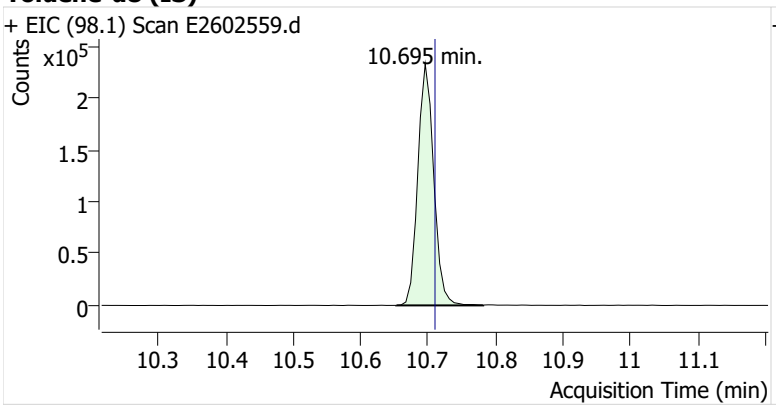


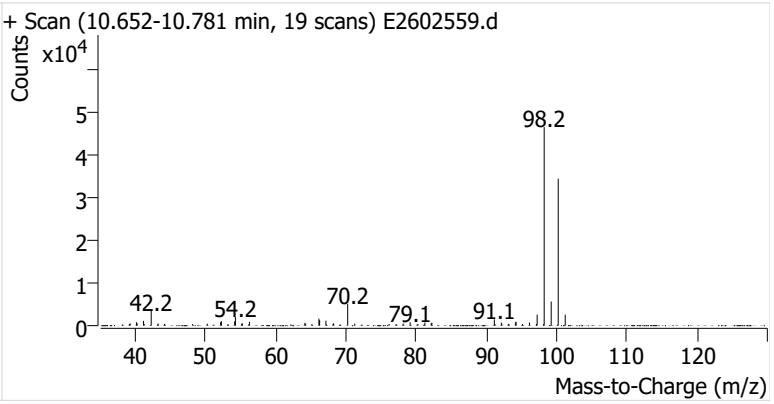
Benzene



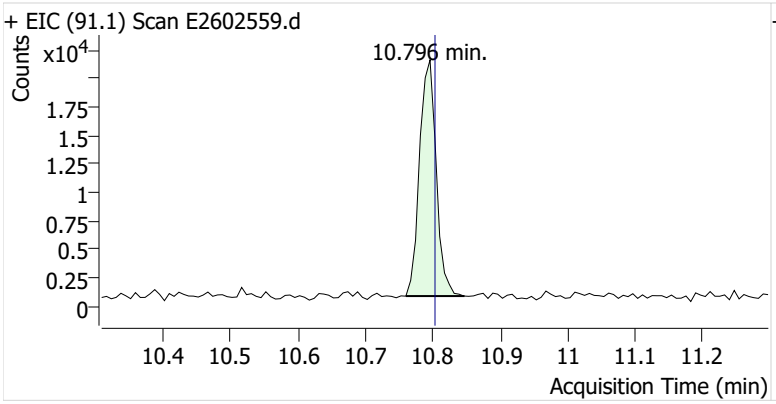


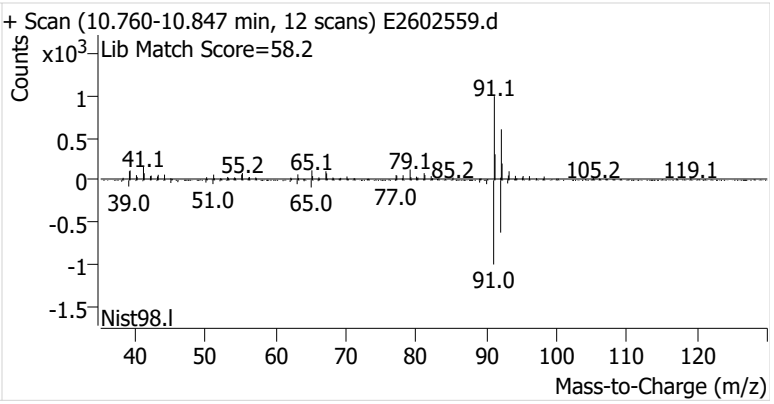
Toluene-d8 (IS)



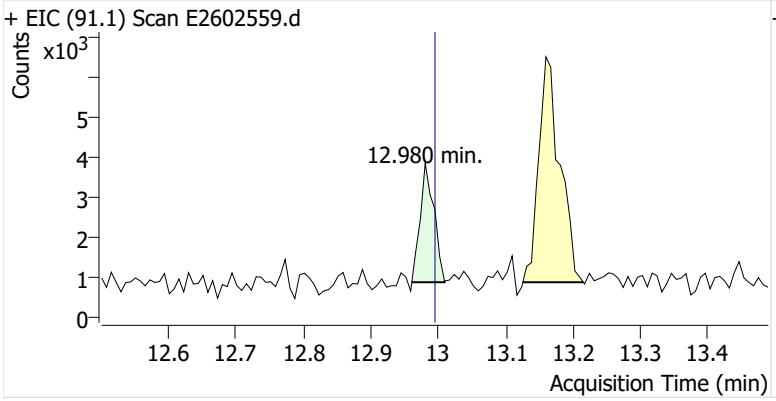


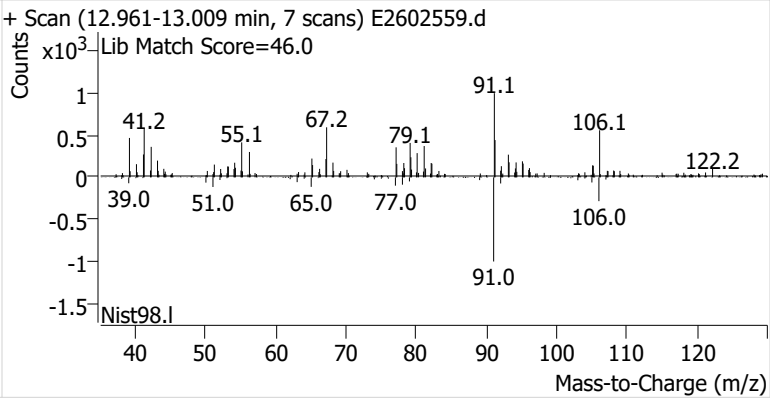
Toluene



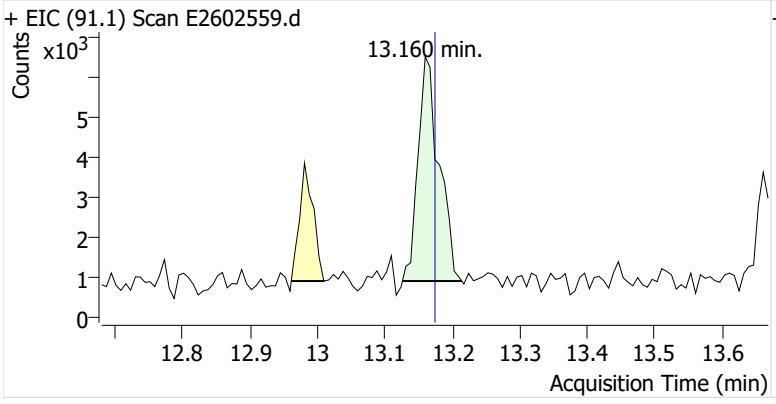


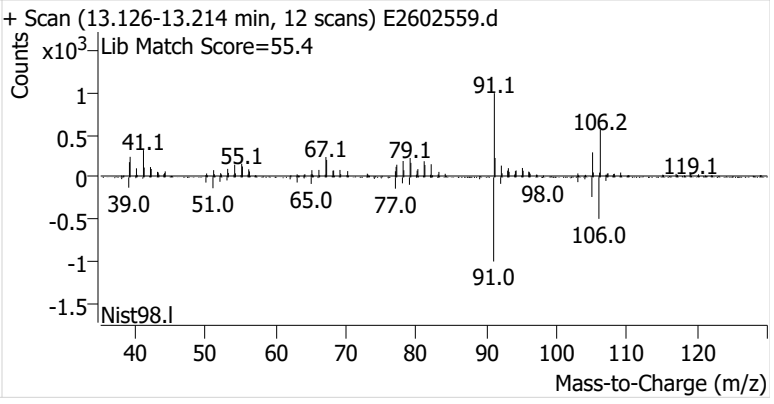
Ethylbenzene



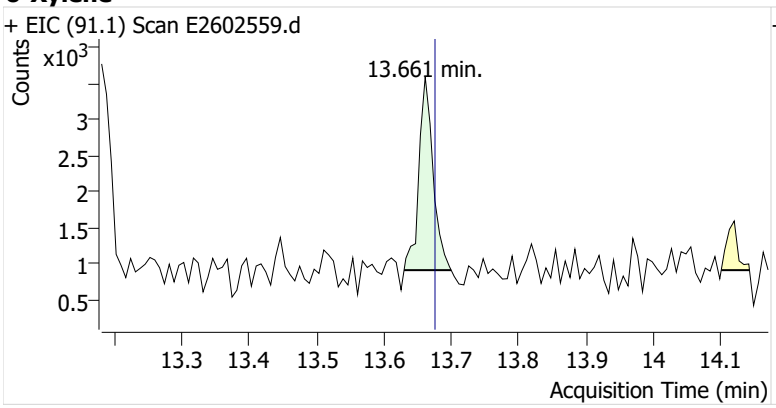


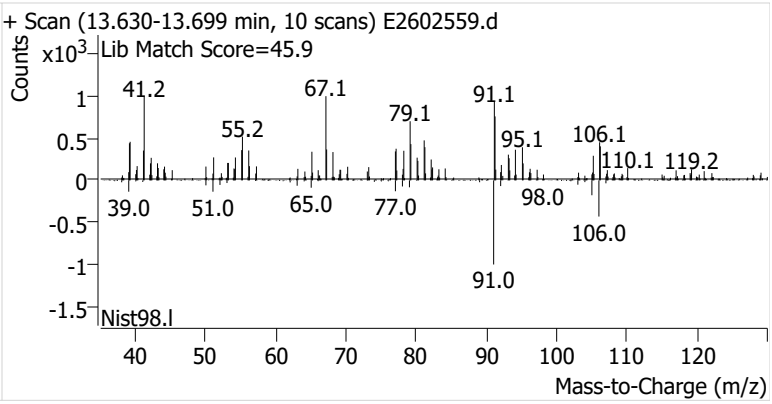
m-/p-Xylenes





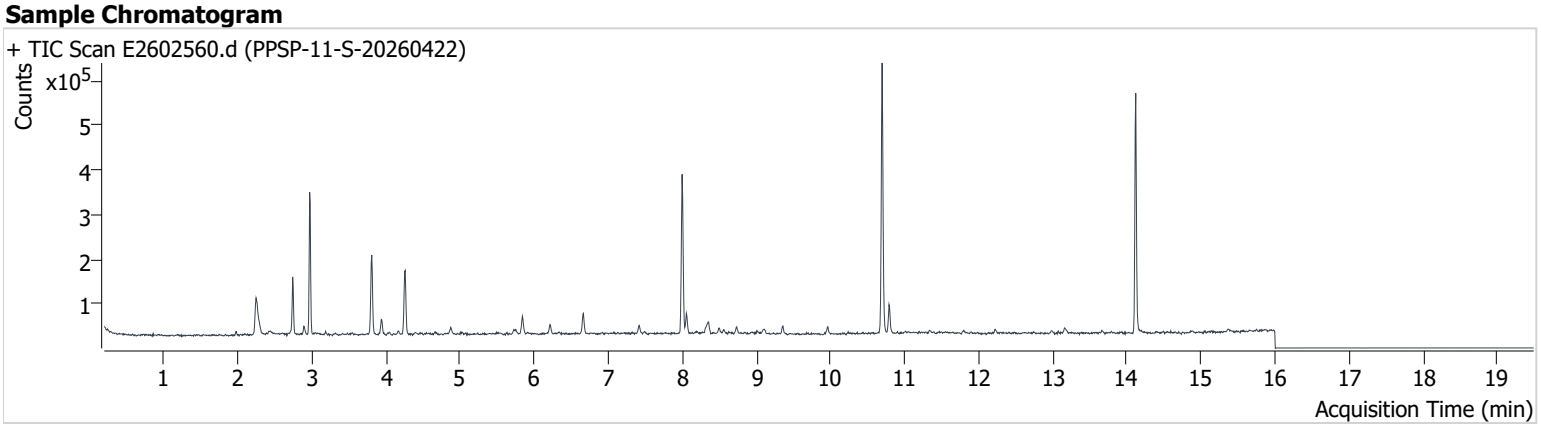
o-Xylene


+ EIC (91.1) Scan E2602559.d
Counts
x10^3
13.661 min.
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.630-13.699 min, 10 scans) E2602559.d
Lib Match Score=45.9
Counts
x10^3
41.2
67.1
91.1
55.2
79.1
95.1
106.1
110.1
119.2
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)

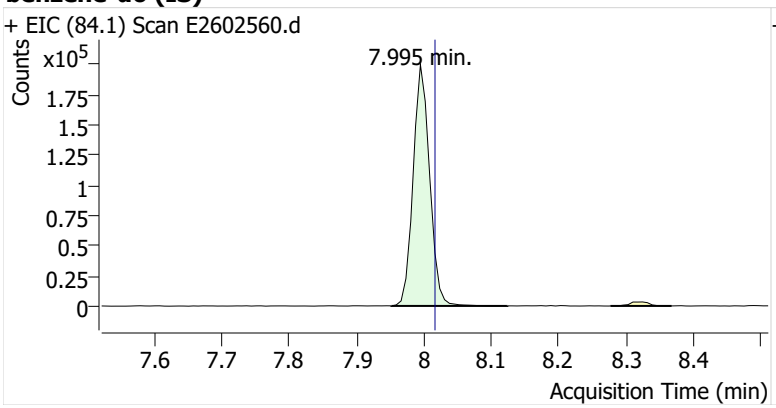
Name	PPSP-11-S-20260422
Comment	C40677
Data File	E2602560.d
Acq. Date-Time	5/12/2026 5:02:22 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

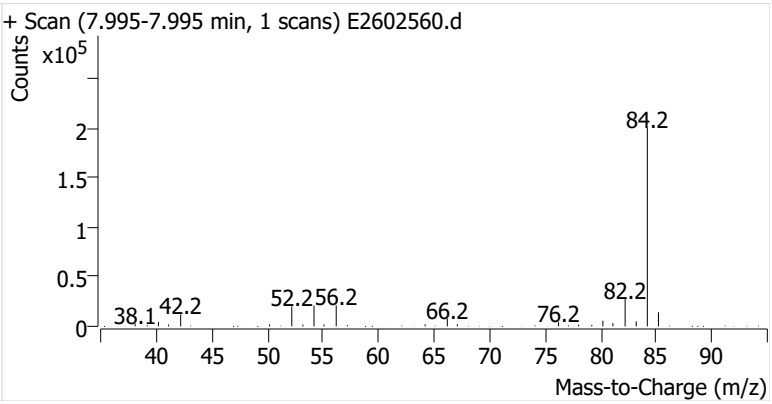
Sample Chromatogram



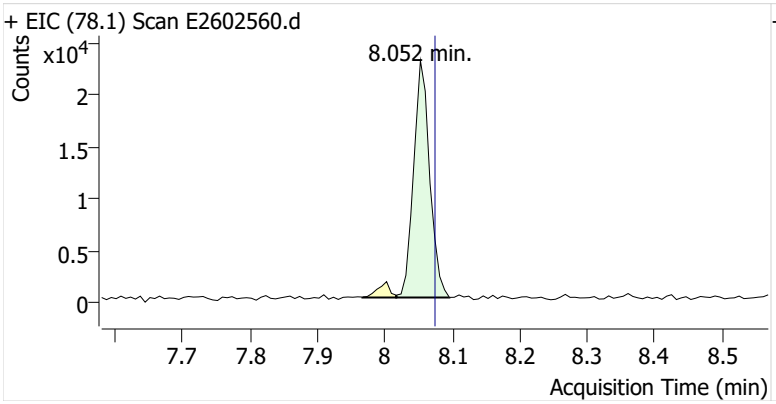
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	339,659	
Benzene	benzene-d6 (IS)	8.052	8.074	37,863	
Toluene-d8 (IS)		10.695	10.710	385,224	
Toluene	Toluene-d8 (IS)	10.789	10.803	42,595	
Ethylbenzene	Toluene-d8 (IS)	12.980	12.995	5,720	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	9,742	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	3,517	

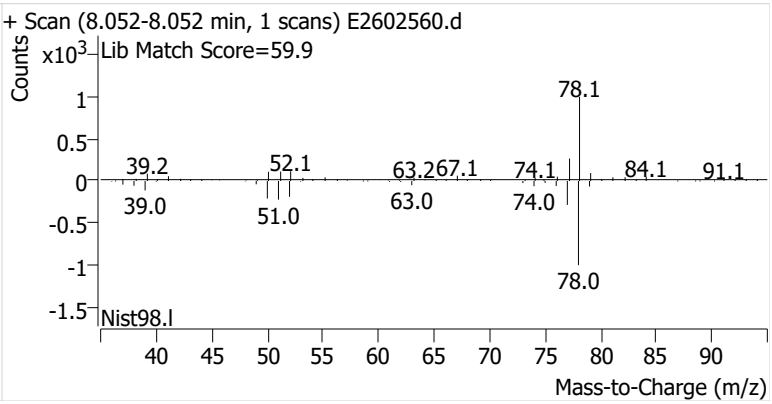
benzene-d6 (IS)



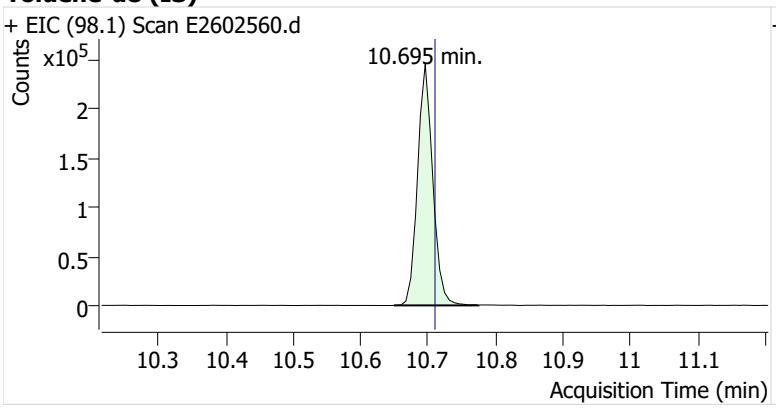


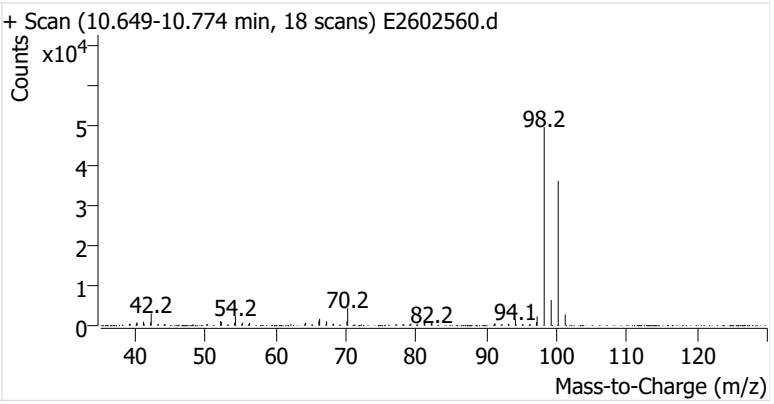
Benzene



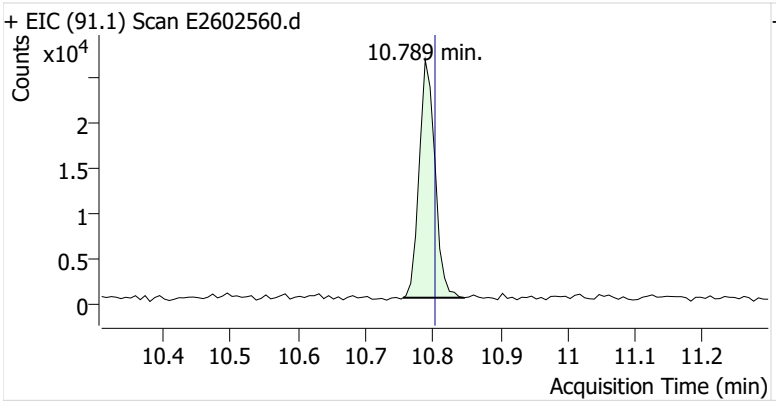


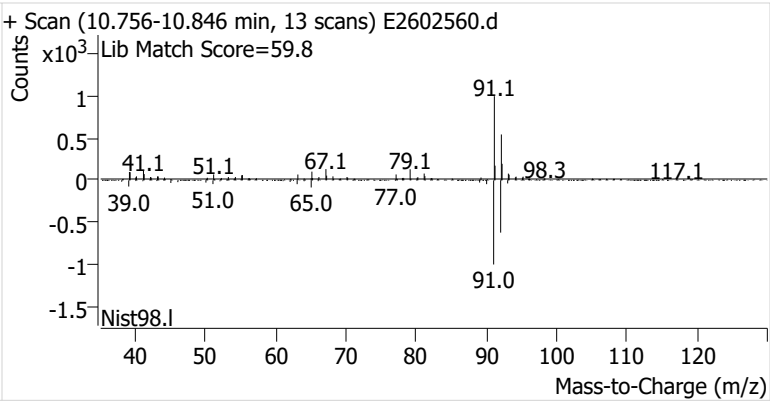
Toluene-d8 (IS)



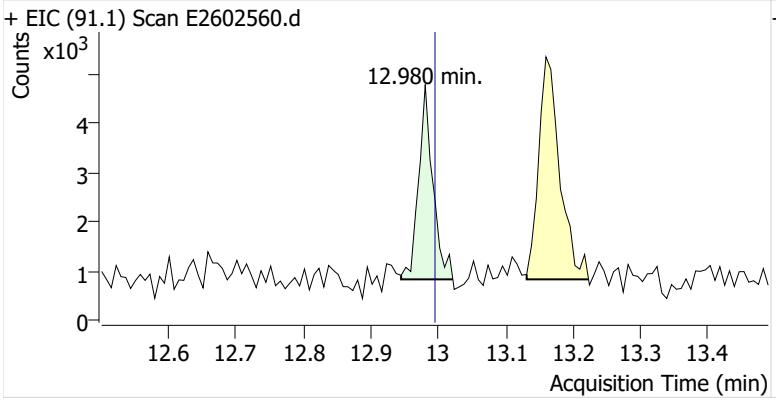


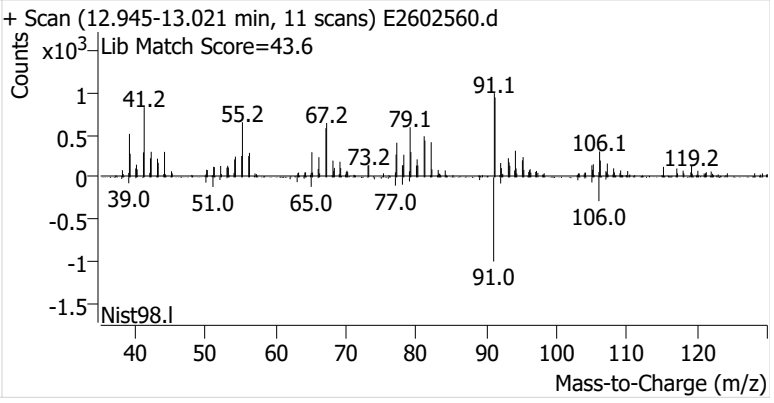
Toluene



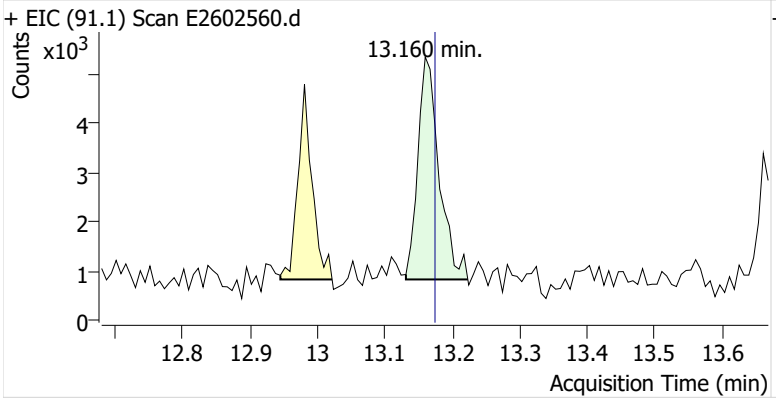


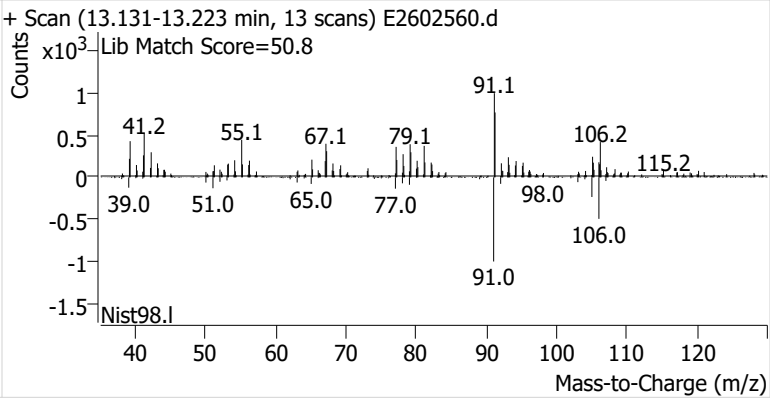
Ethylbenzene



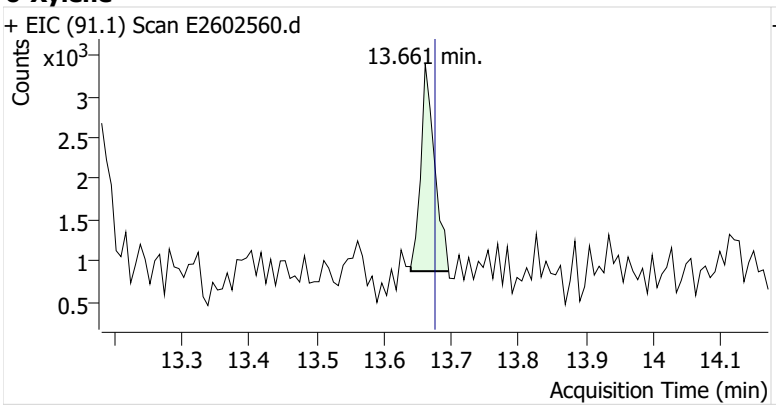


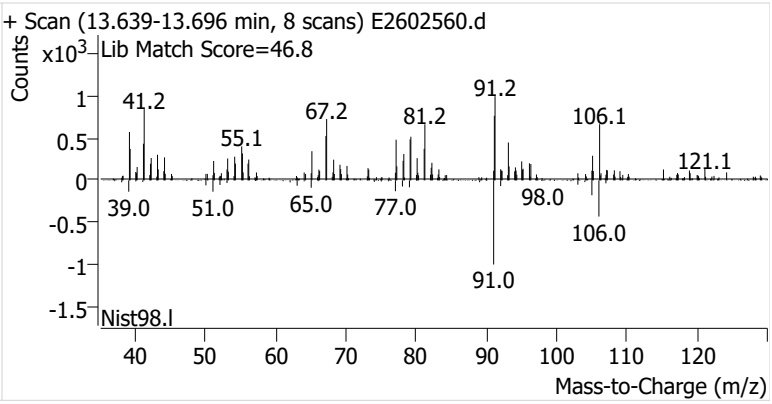
m-/p-Xylenes





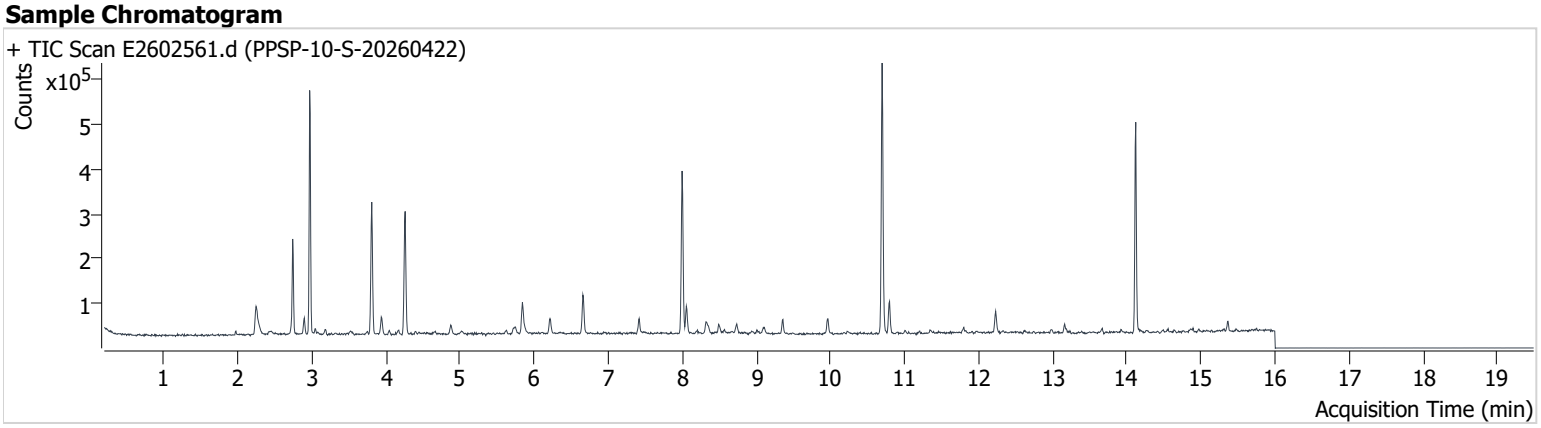
o-Xylene


+ EIC (91.1) Scan E2602560.d
Counts
x10^3
13.661 min.
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.639-13.696 min, 8 scans) E2602560.d
Lib Match Score=46.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.2
55.1
67.2
81.2
91.2
106.1
121.1
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)

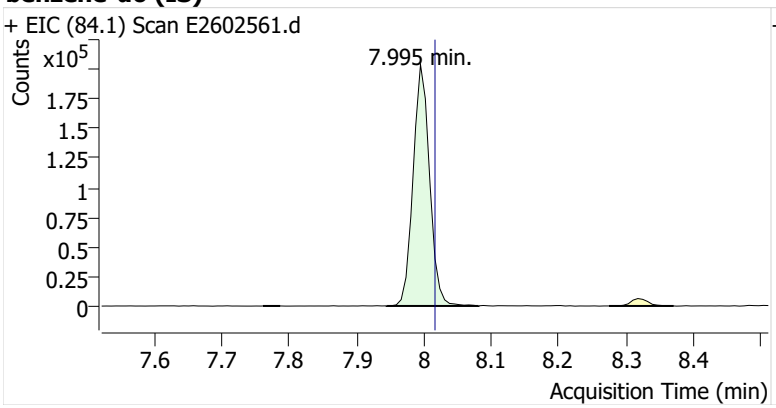
Name	PPSP-10-S-20260422
Comment	C67402
Data File	E2602561.d
Acq. Date-Time	5/12/2026 5:28:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

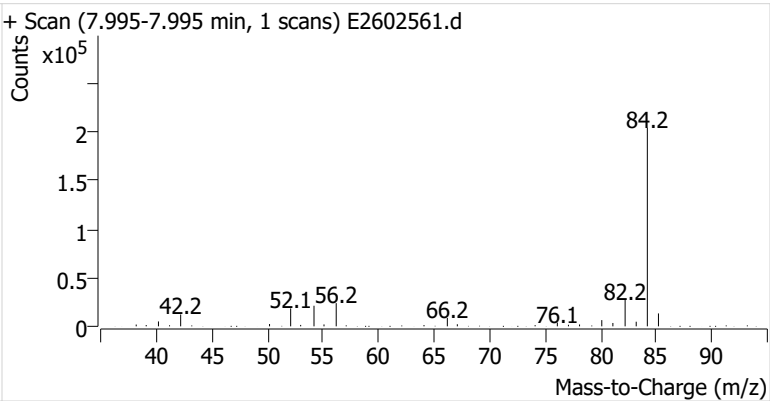
Sample Chromatogram



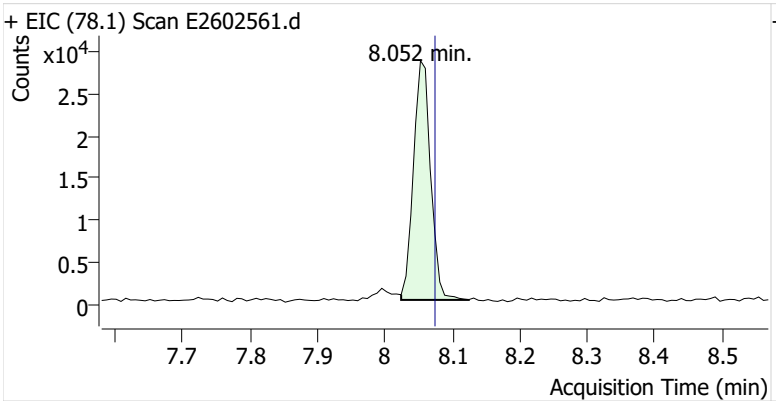
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	345,963	
Benzene	benzene-d6 (IS)	8.052	8.074	50,442	
Toluene-d8 (IS)		10.696	10.710	392,412	
Toluene	Toluene-d8 (IS)	10.796	10.803	50,690	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	5,978	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	14,505	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	5,206	

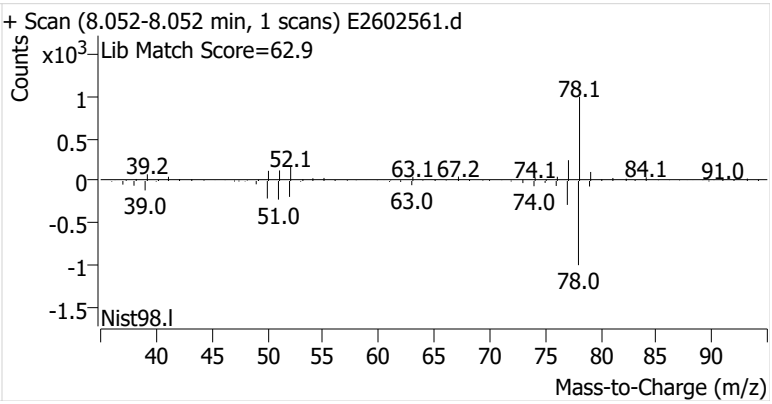
benzene-d6 (IS)



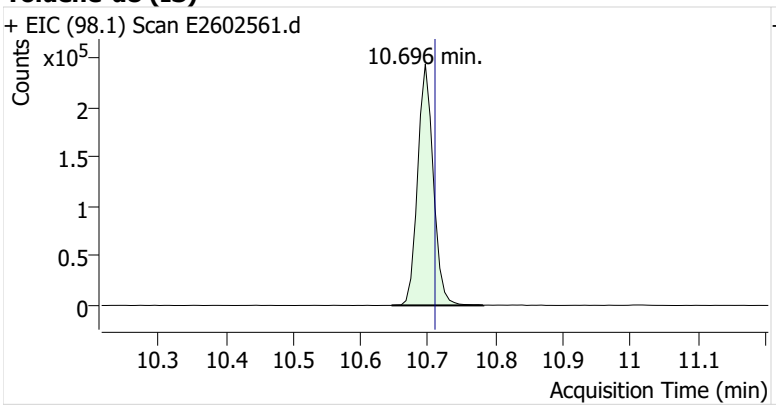


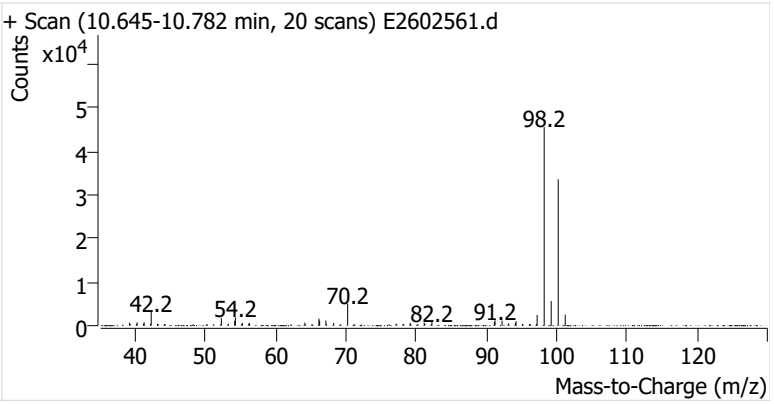
Benzene



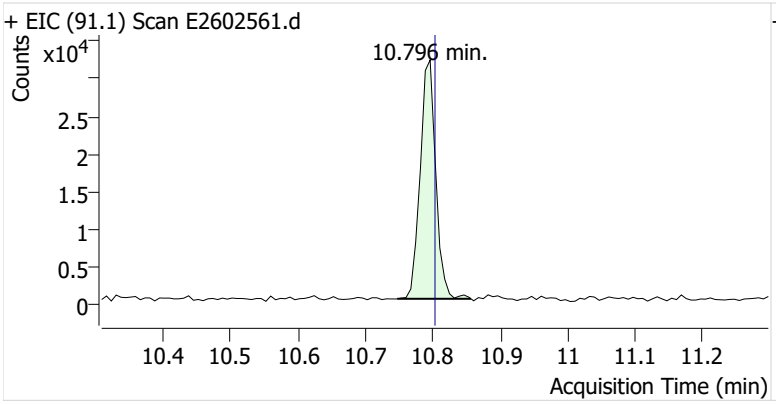


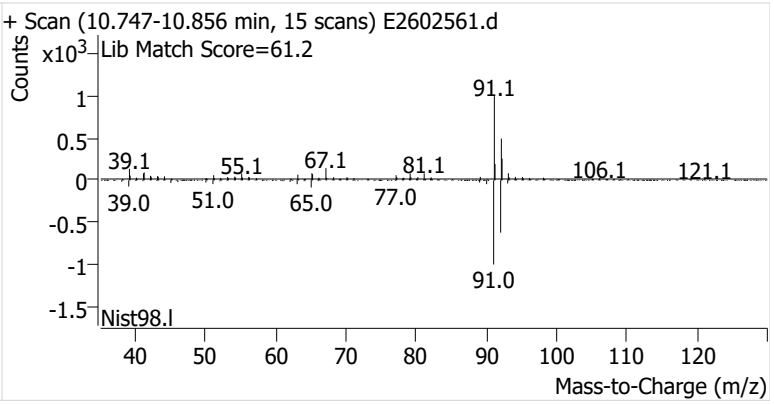
Toluene-d8 (IS)



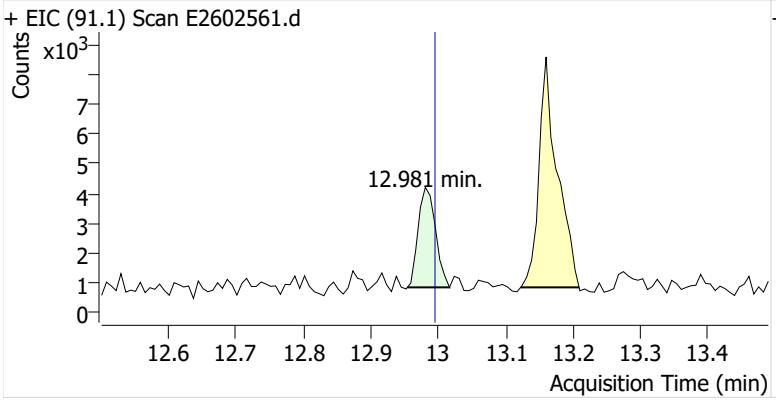


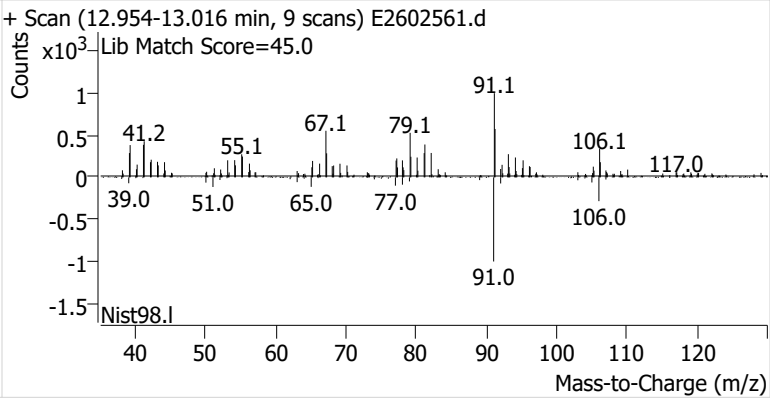
Toluene



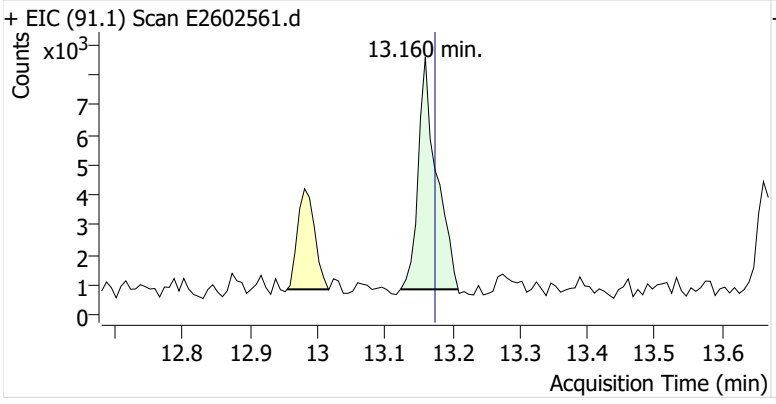


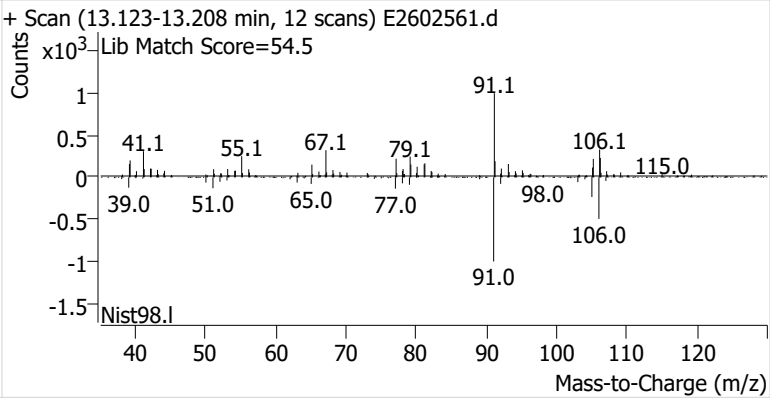
Ethylbenzene



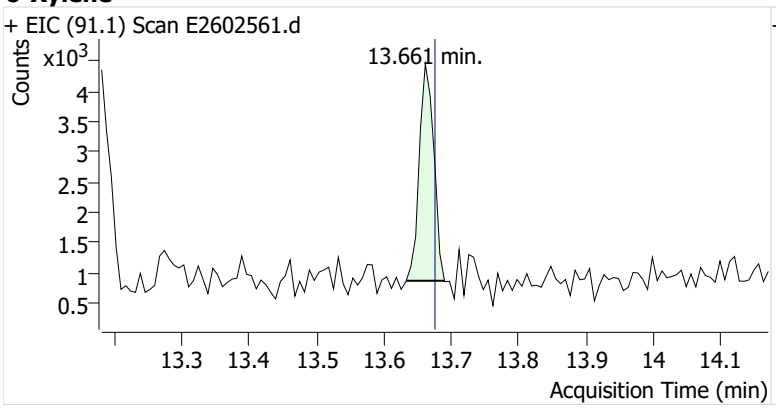


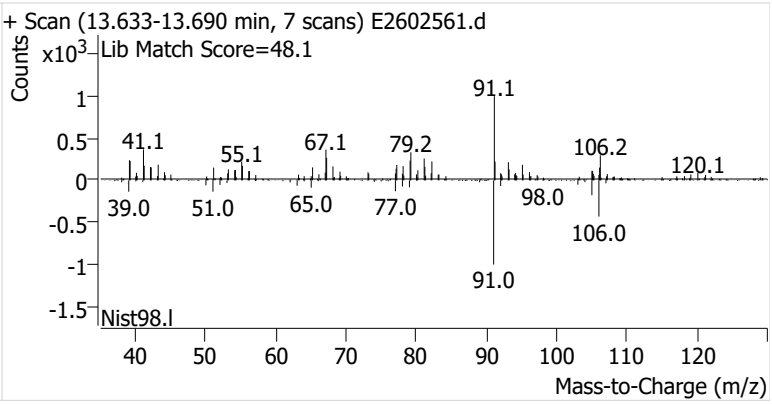
m-/p-Xylenes





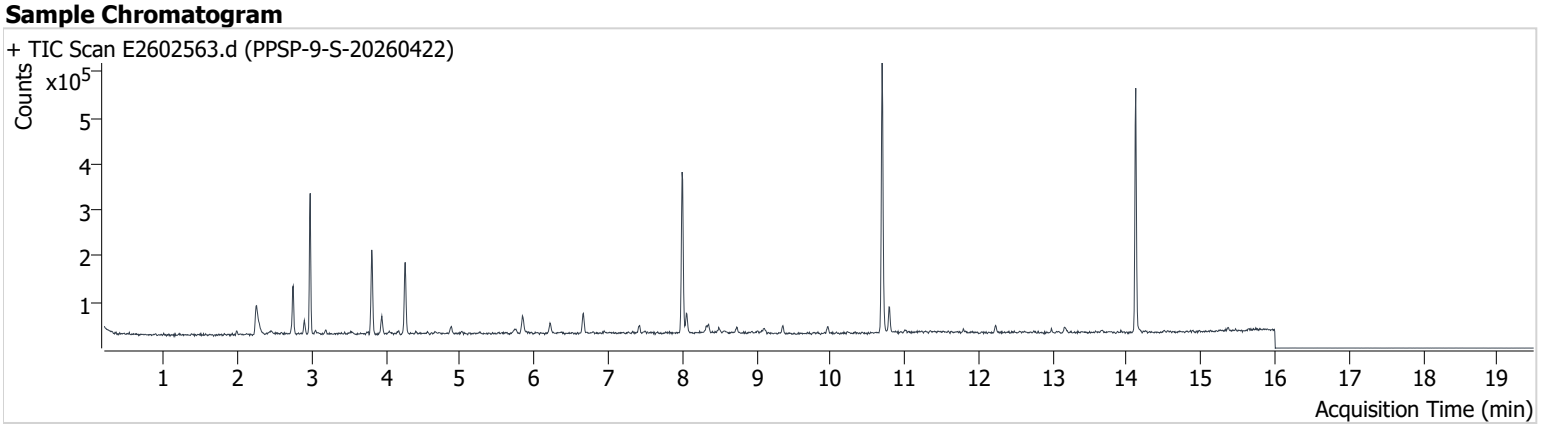
o-Xylene


+ EIC (91.1) Scan E2602561.d
Counts
x10^3
13.661 min.
4
3.5
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.633-13.690 min, 7 scans) E2602561.d
Counts
x10^3
Lib Match Score=48.1
91.1
41.1
55.1
67.1
79.2
106.2
120.1
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)

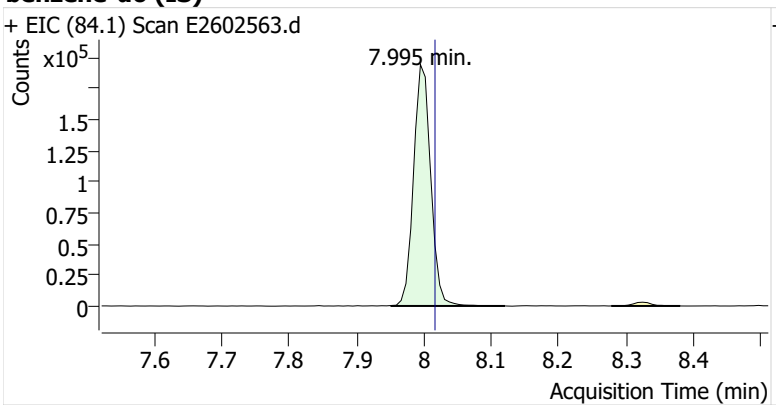
Name	PPSP-9-S-20260422
Comment	C69517
Data File	E2602563.d
Acq. Date-Time	5/12/2026 6:20:22 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

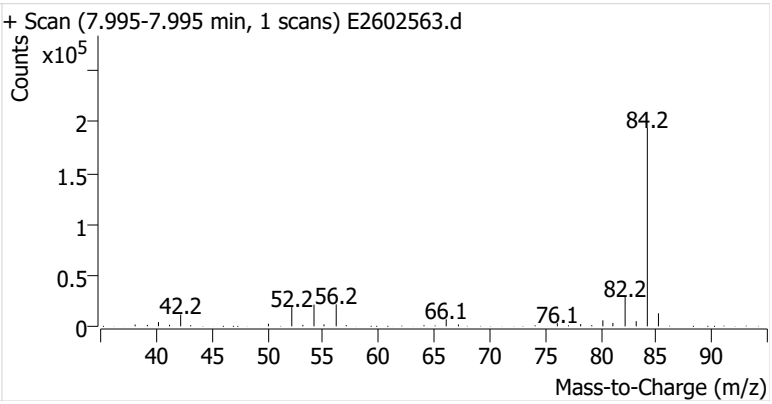
Sample Chromatogram



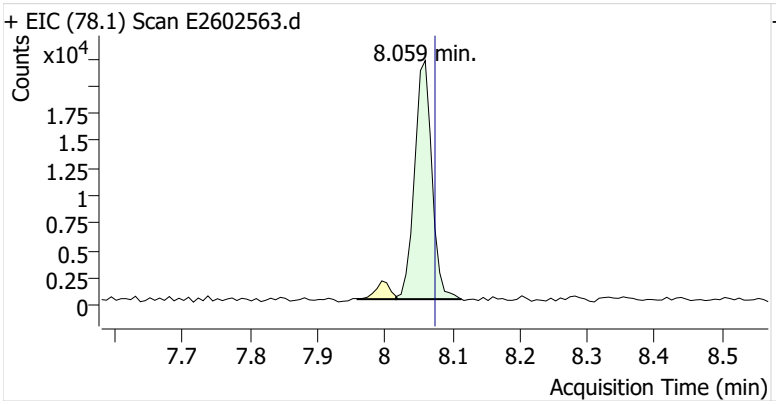
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	343,446	
Benzene	benzene-d6 (IS)	8.059	8.074	38,876	
Toluene-d8 (IS)		10.695	10.710	379,210	
Toluene	Toluene-d8 (IS)	10.789	10.803	38,255	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	4,585	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	8,822	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	2,749	

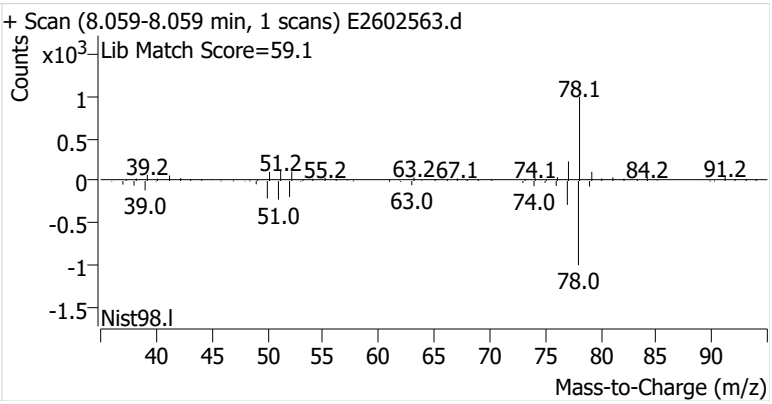
benzene-d6 (IS)



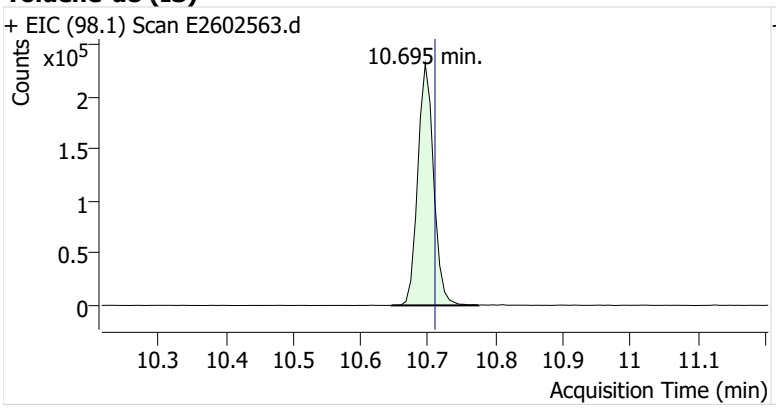


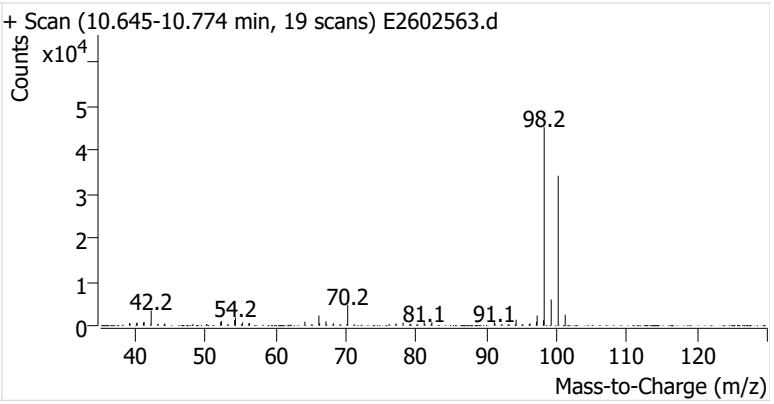
Benzene



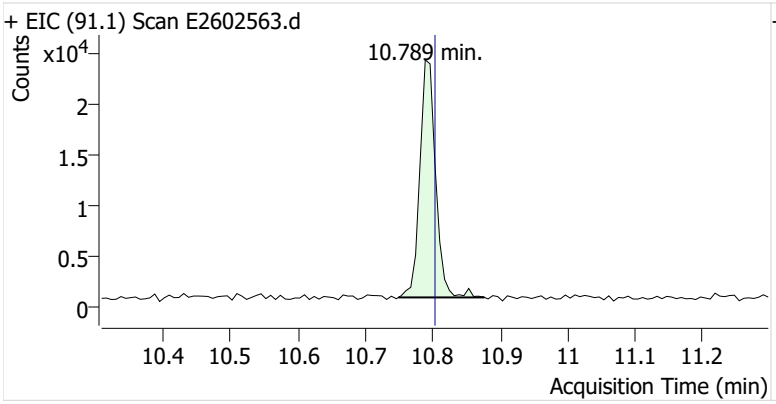


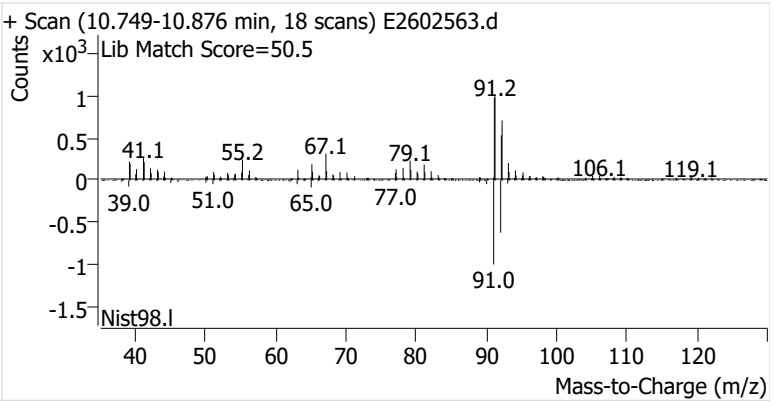
Toluene-d8 (IS)



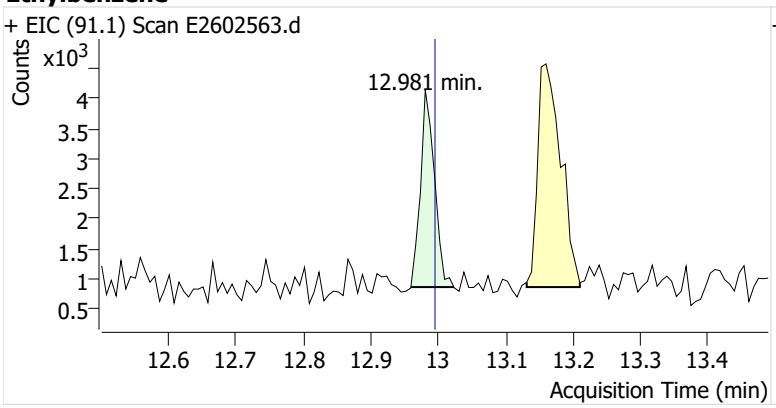


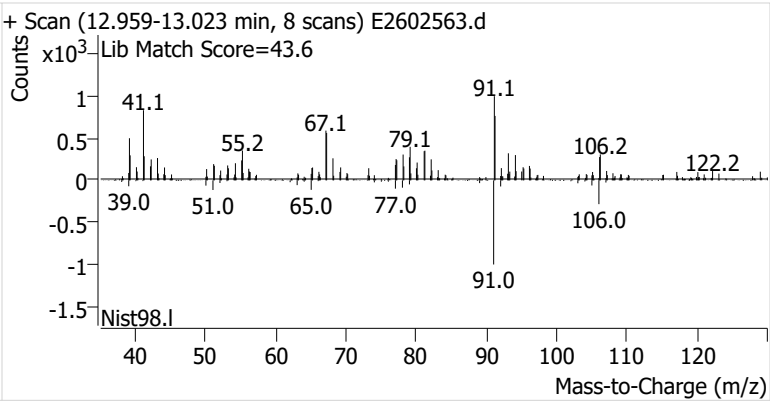
Toluene



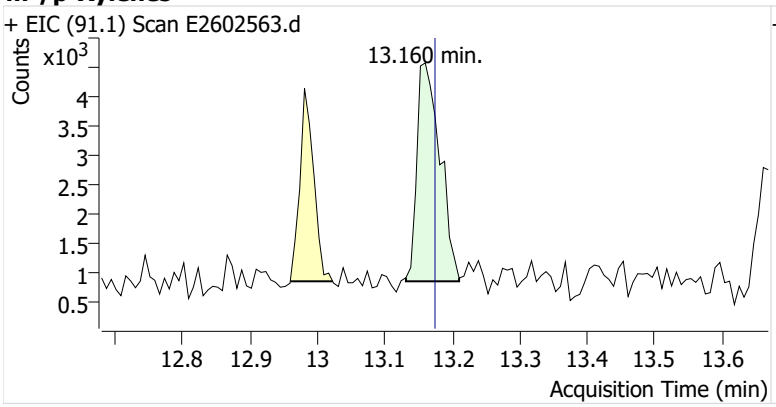


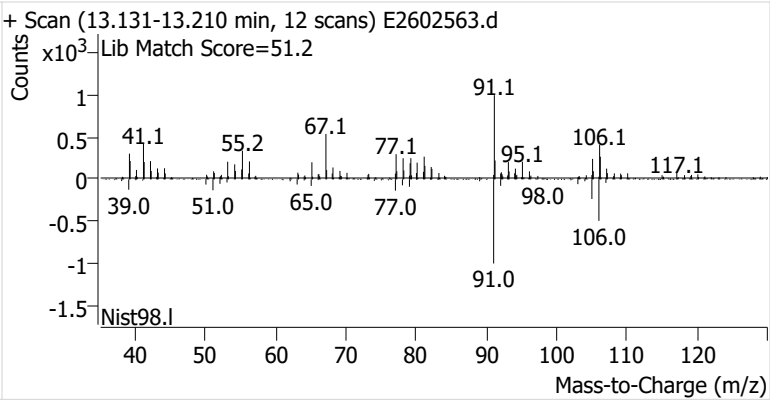
Ethylbenzene



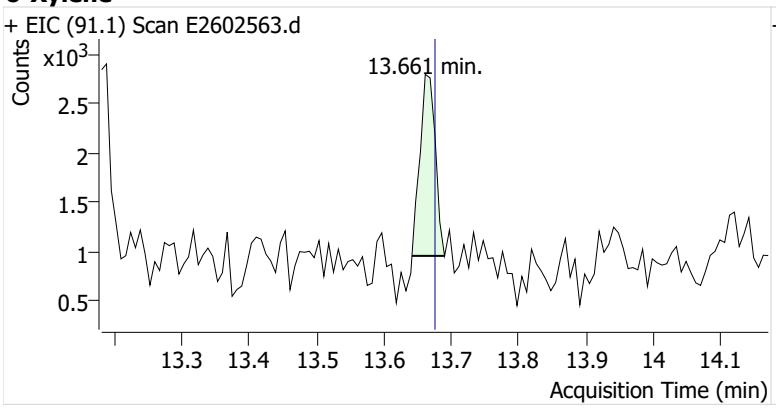


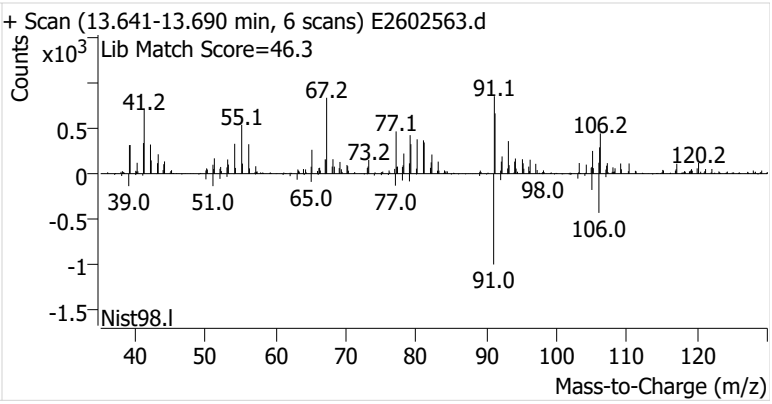
m-/p-Xylenes





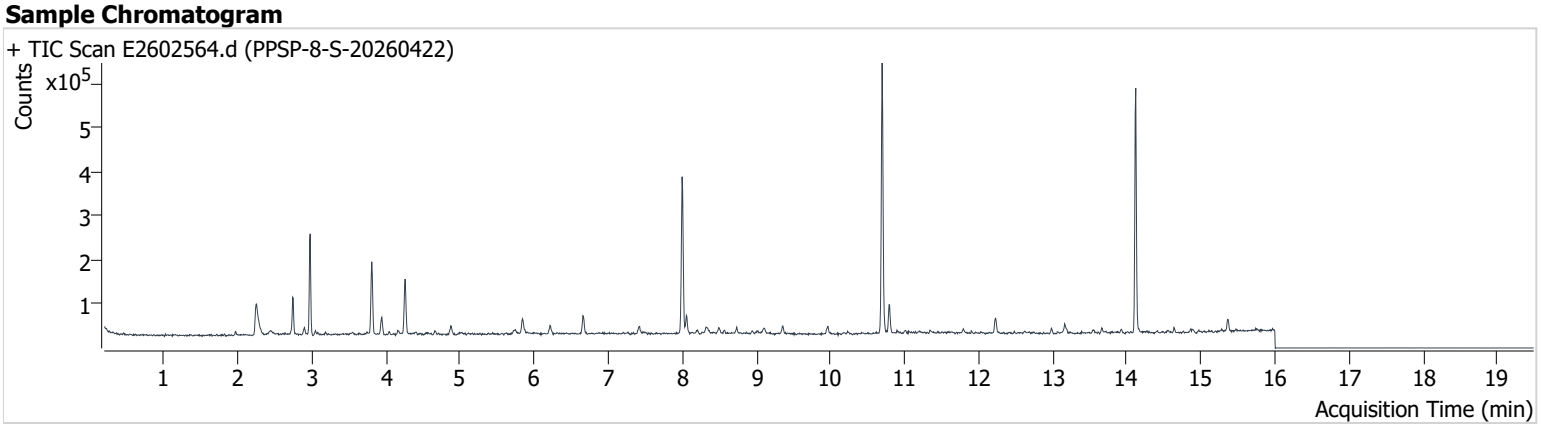
o-Xylene


+ EIC (91.1) Scan E2602563.d
Counts
x10^3
13.661 min.
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.641-13.690 min, 6 scans) E2602563.d
Lib Match Score=46.3
Counts
x10^3
41.2
55.1
67.2
73.2
77.1
91.1
106.2
120.2
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)

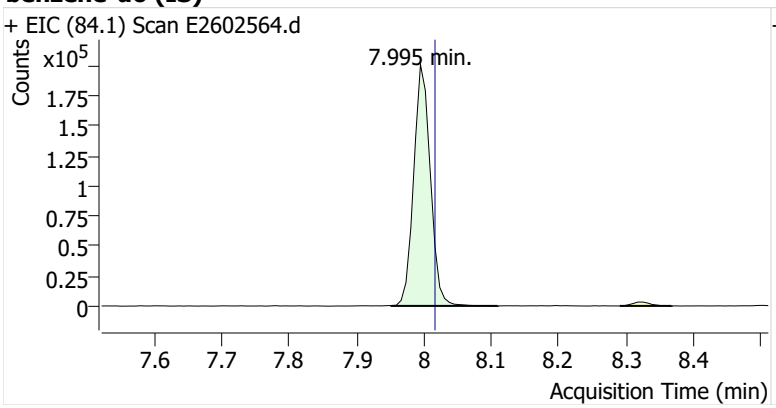
Name	PPSP-8-S-20260422
Comment	C57410
Data File	E2602564.d
Acq. Date-Time	5/12/2026 6:46:30 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

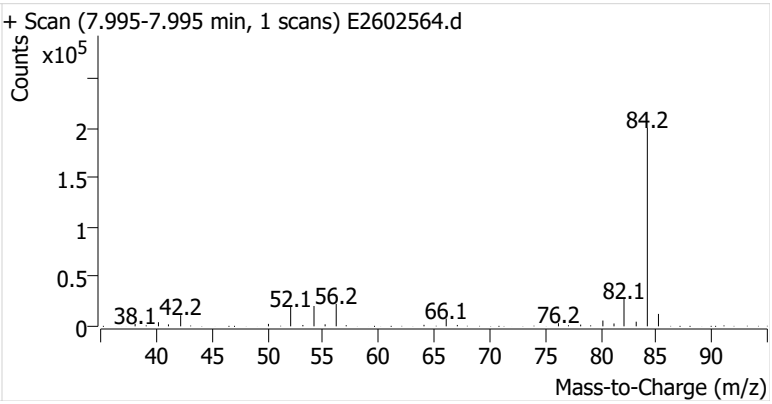
Sample Chromatogram



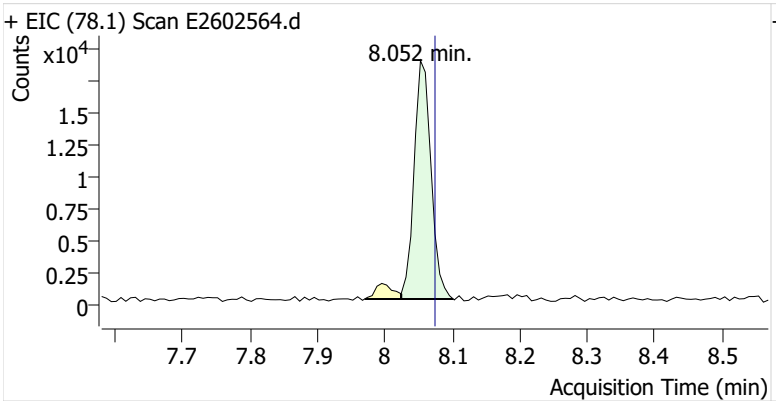
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	344,137	
Benzene	benzene-d6 (IS)	8.052	8.074	32,550	
Toluene-d8 (IS)		10.696	10.710	392,140	
Toluene	Toluene-d8 (IS)	10.789	10.803	44,876	
Ethylbenzene	Toluene-d8 (IS)	12.981	12.995	7,564	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	14,337	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	5,819	

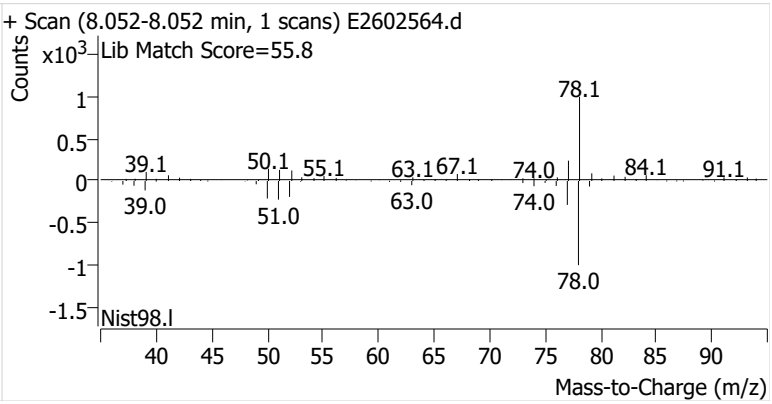
benzene-d6 (IS)



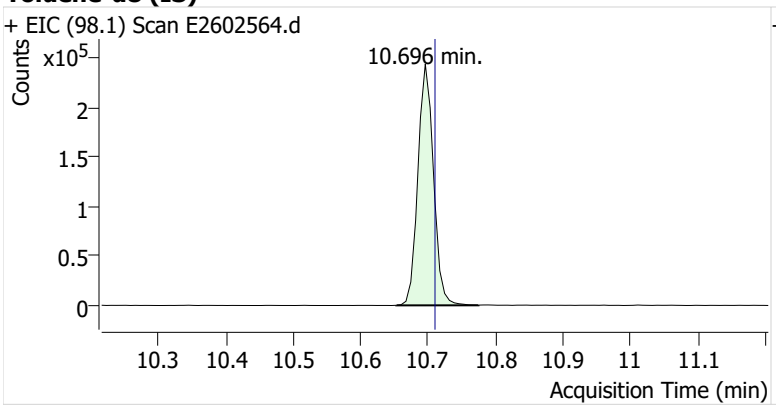


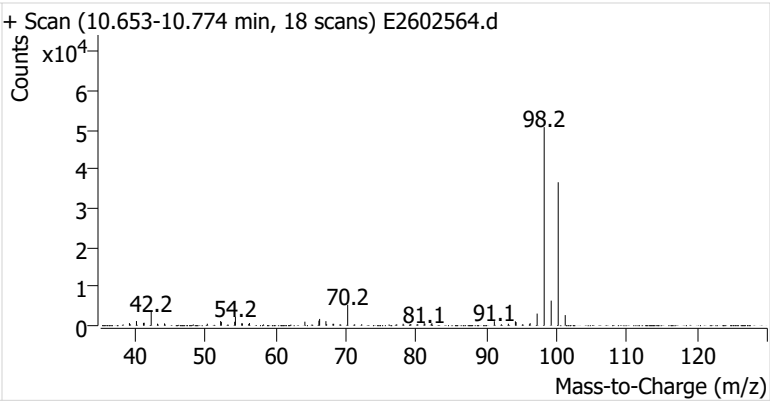
Benzene



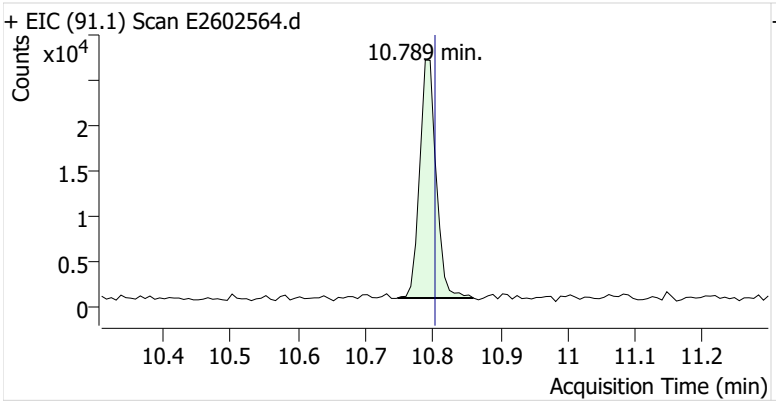


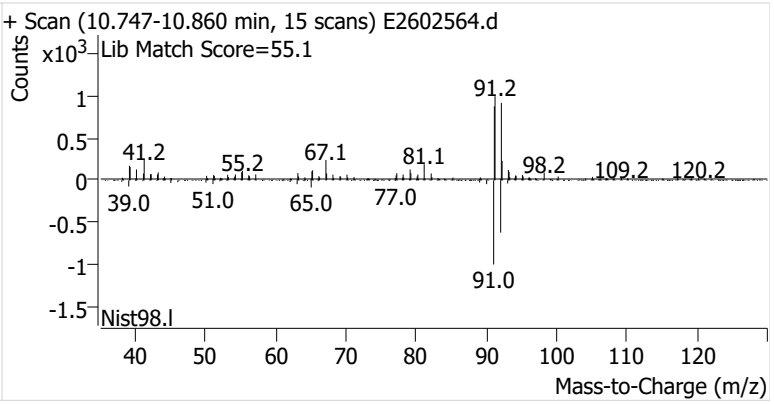
Toluene-d8 (IS)



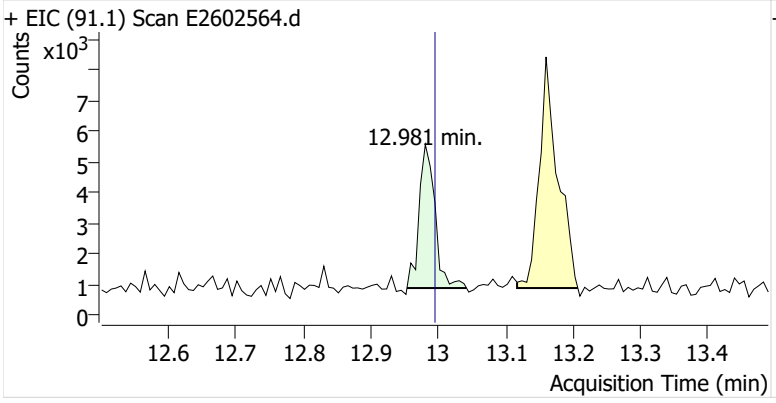


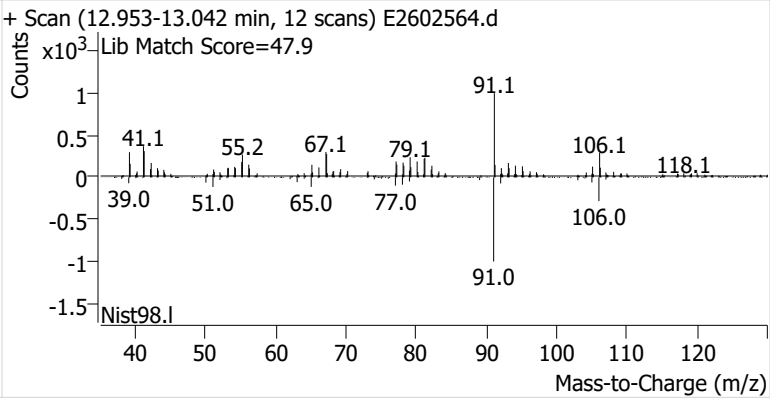
Toluene



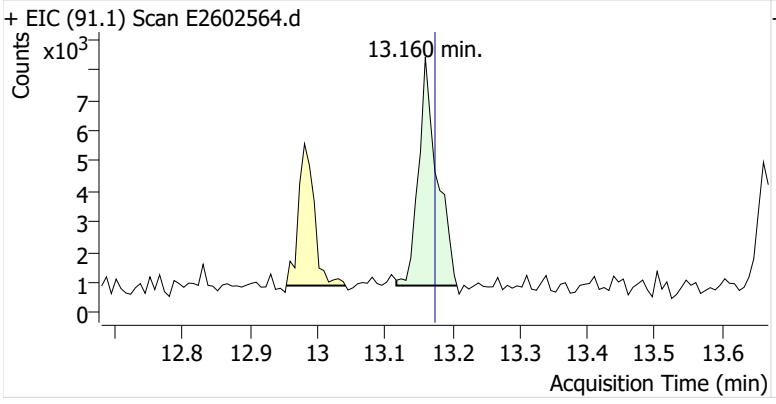


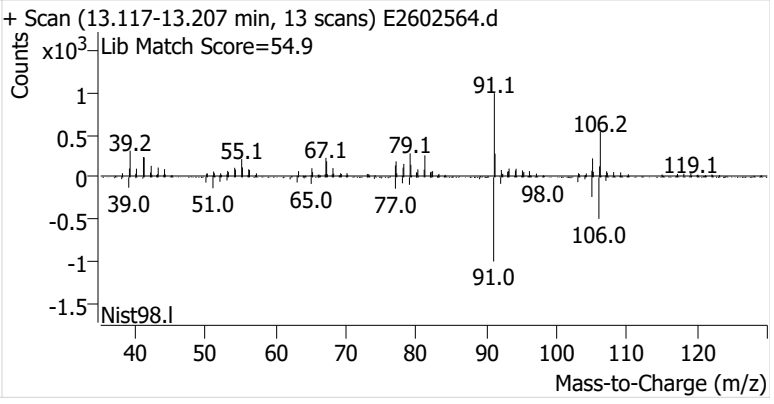
Ethylbenzene



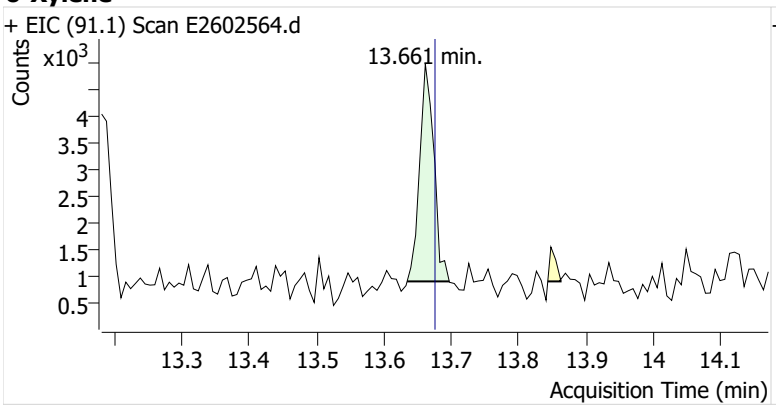


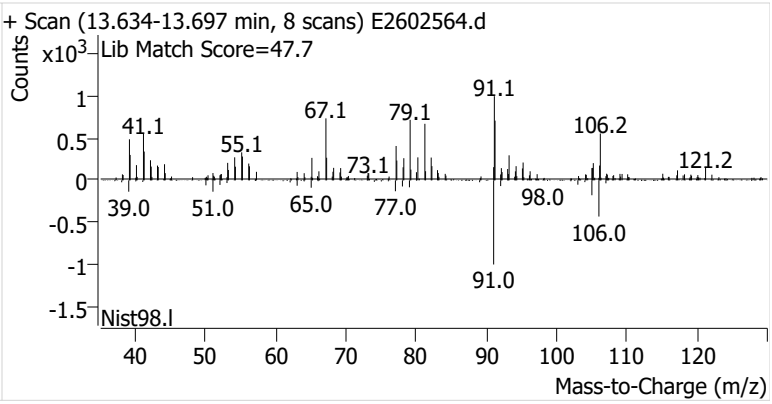
m-/p-Xylenes





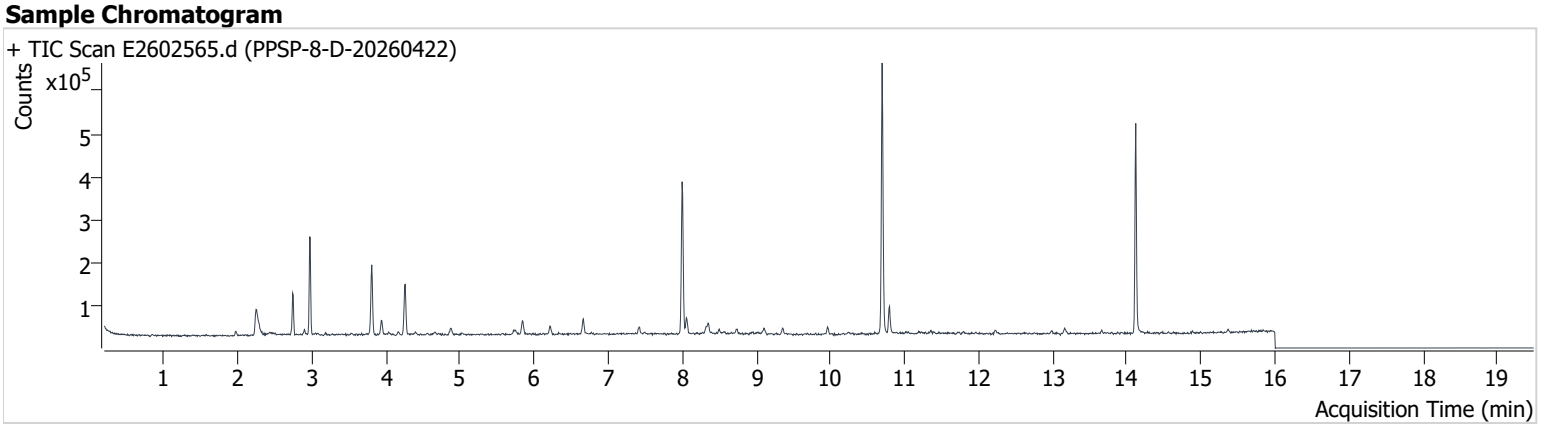
o-Xylene


+ EIC (91.1) Scan E2602564.d
Counts
x10^3
13.661 min.
4
3.5
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.634-13.697 min, 8 scans) E2602564.d
Counts
x10^3
Lib Match Score=47.7
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
79.1
91.1
106.2
121.2
39.0
51.0
65.0
73.1
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

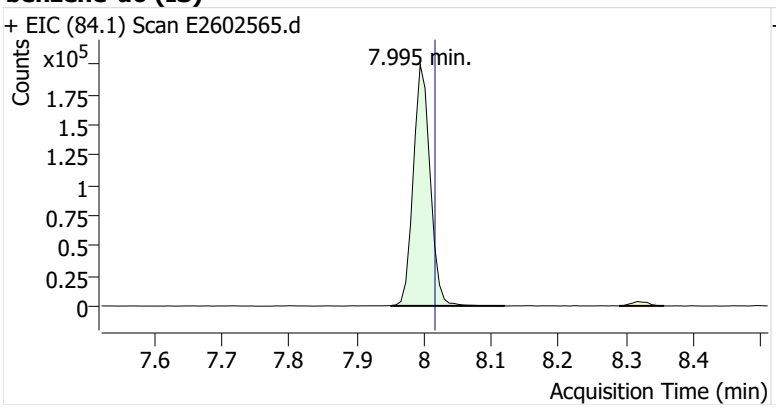
Name	PPSP-8-D-20260422
Comment	B49492
Data File	E2602565.d
Acq. Date-Time	5/12/2026 7:12:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

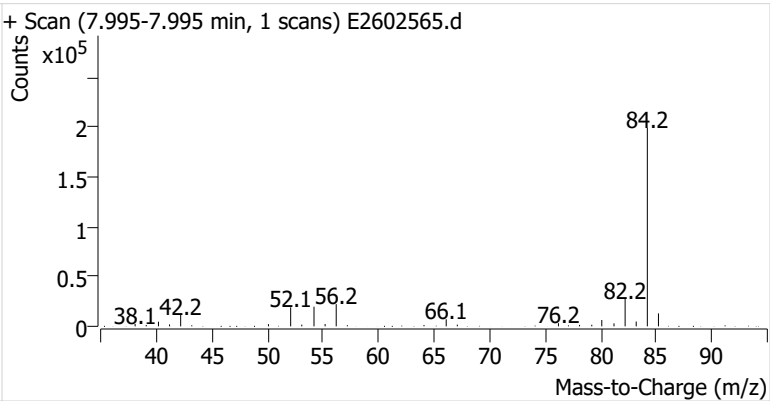
Sample Chromatogram



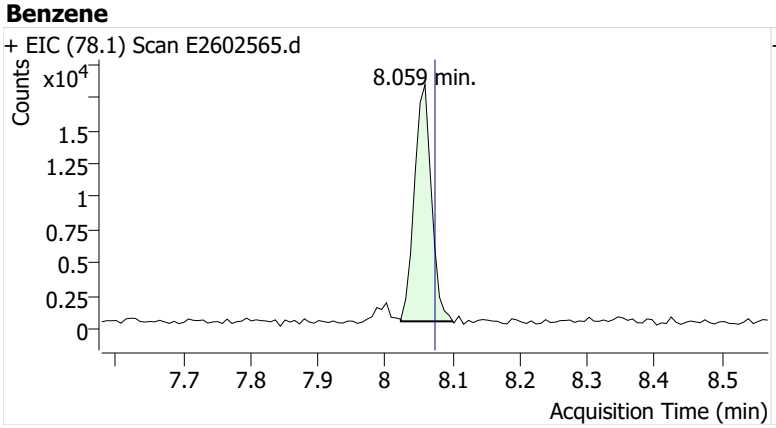
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	346,567	
Benzene	benzene-d6 (IS)	8.059	8.074	31,451	
Toluene-d8 (IS)		10.695	10.710	393,643	
Toluene	Toluene-d8 (IS)	10.795	10.803	42,767	
Ethylbenzene	Toluene-d8 (IS)	12.987	12.995	5,327	
m-/p-Xylenes	Toluene-d8 (IS)	13.159	13.174	8,621	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	2,880	

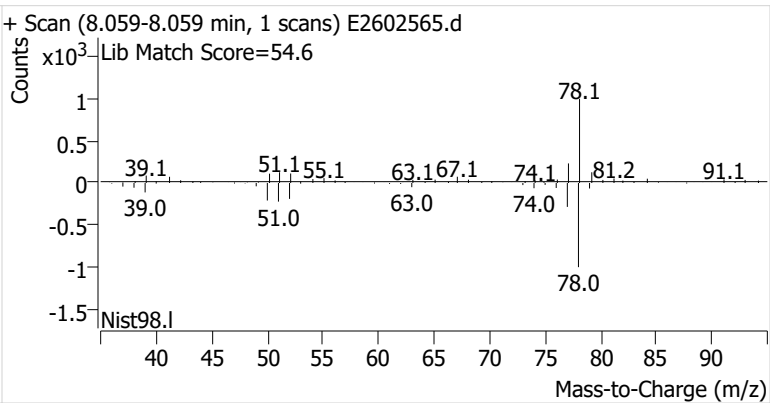
benzene-d6 (IS)



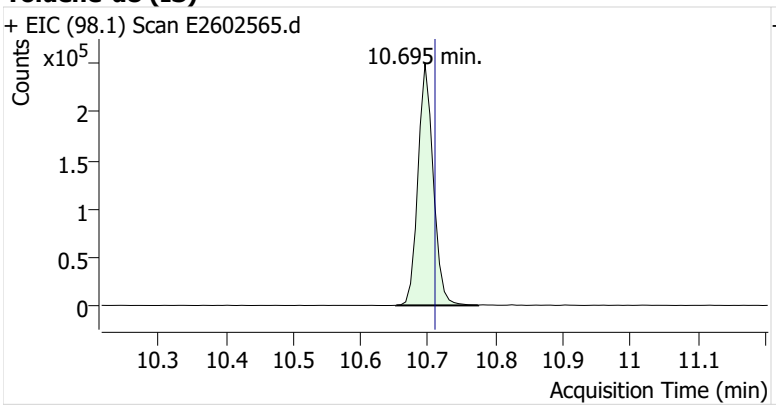


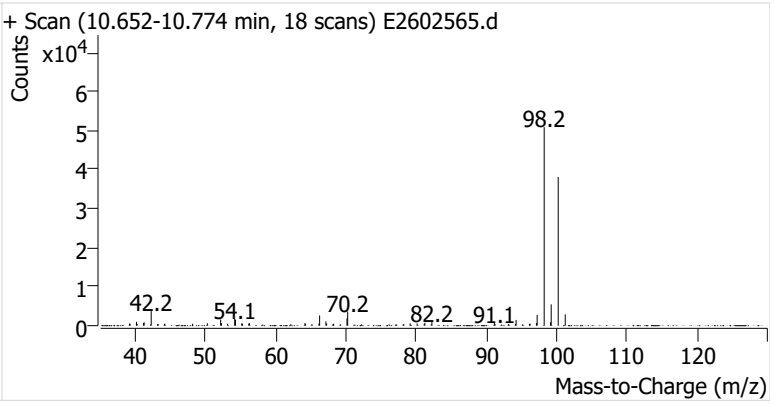
Benzene



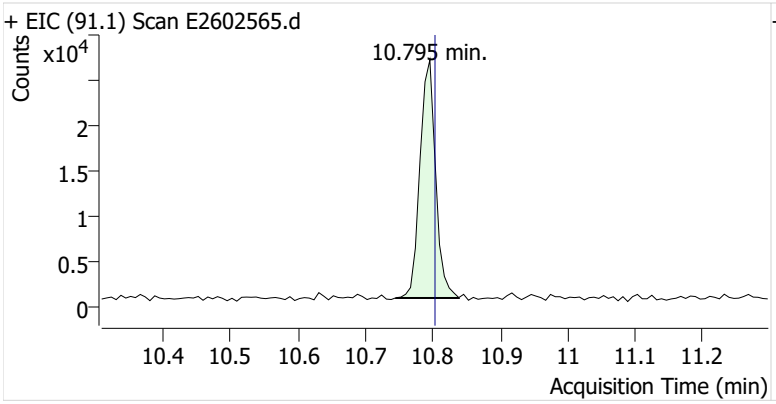


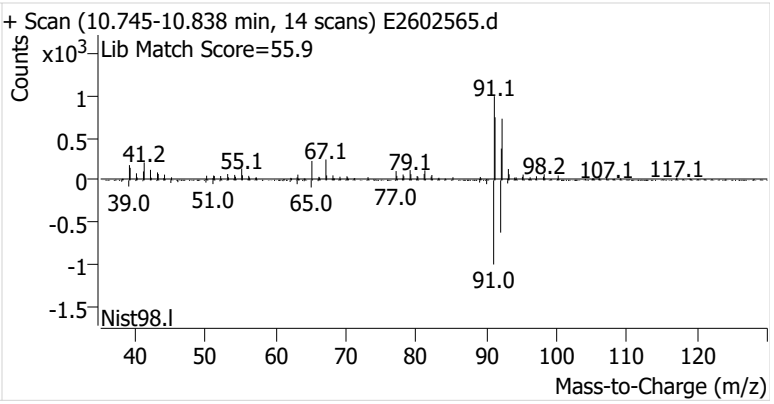
Toluene-d8 (IS)



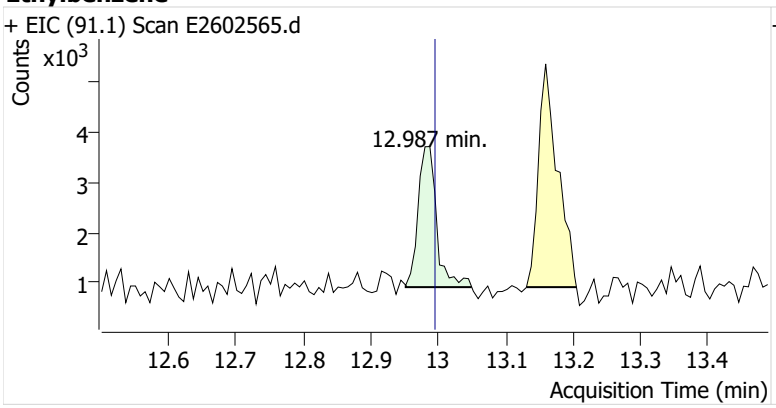


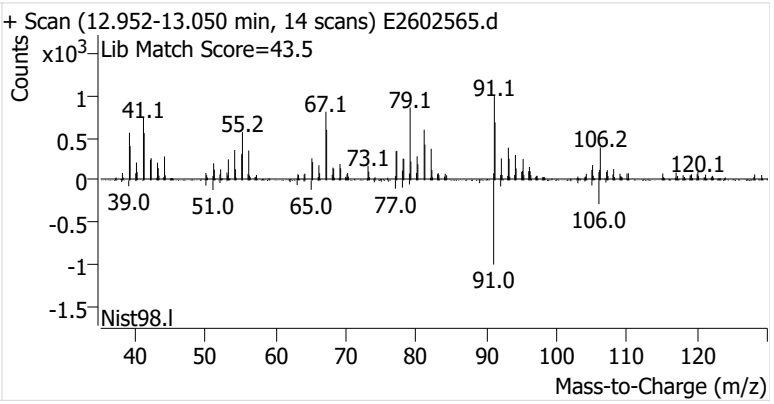
Toluene



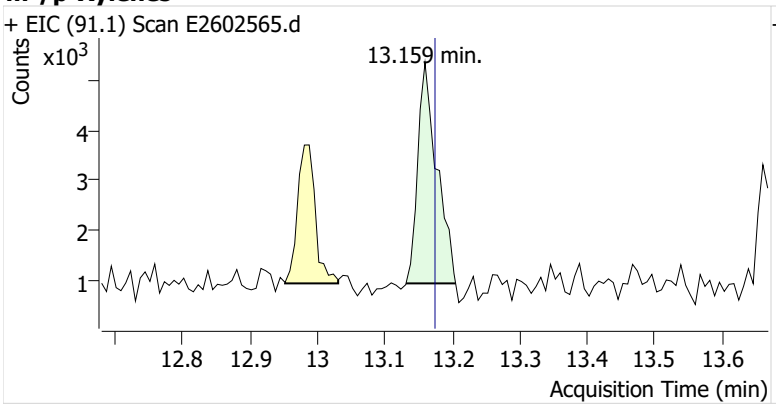


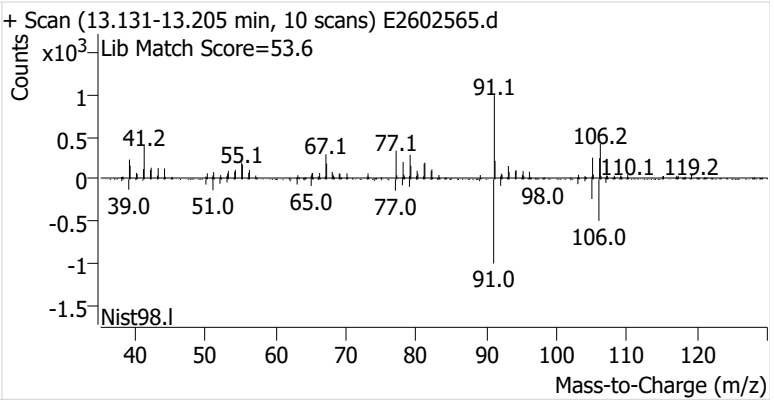
Ethylbenzene



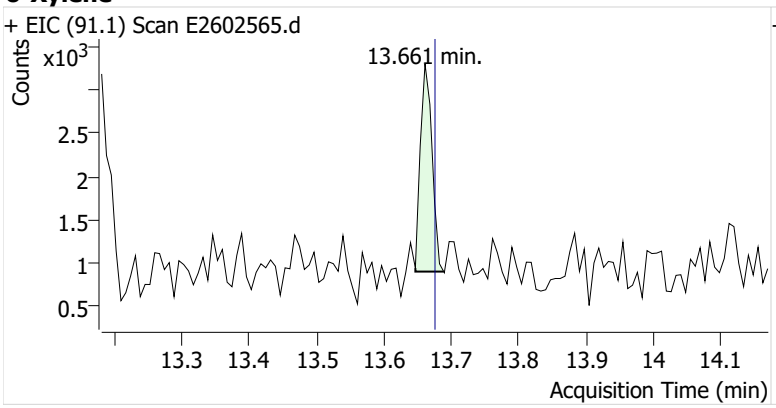


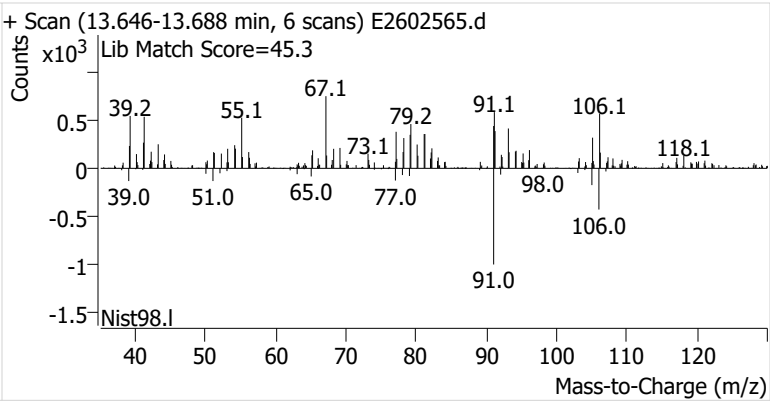
m-/p-Xylenes





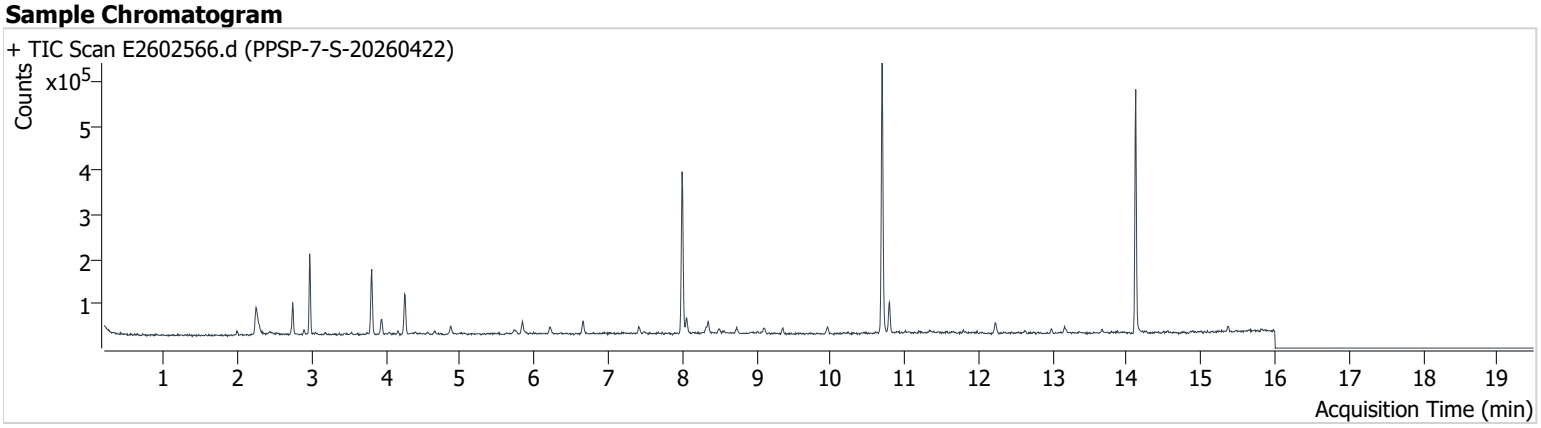
o-Xylene


+ EIC (91.1) Scan E2602565.d
Counts
x10^3
13.661 min.
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.646-13.688 min, 6 scans) E2602565.d
Counts
x10^3
Lib Match Score=45.3
39.2
55.1
67.1
79.2
73.1
91.1
106.1
118.1
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)

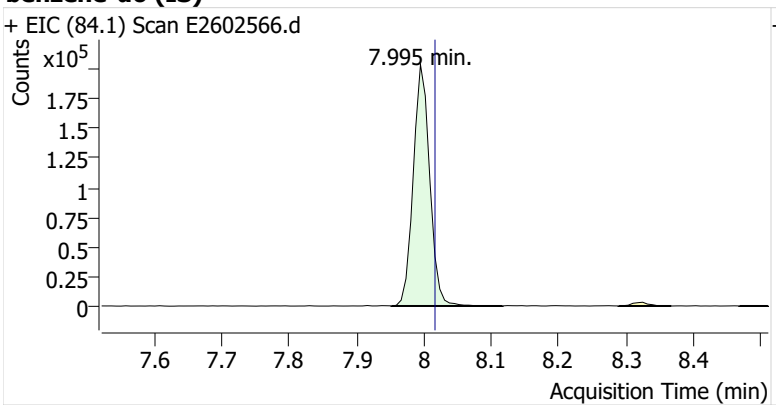
Name	PPSP-7-S-20260422
Comment	C01887
Data File	E2602566.d
Acq. Date-Time	5/12/2026 7:38:52 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

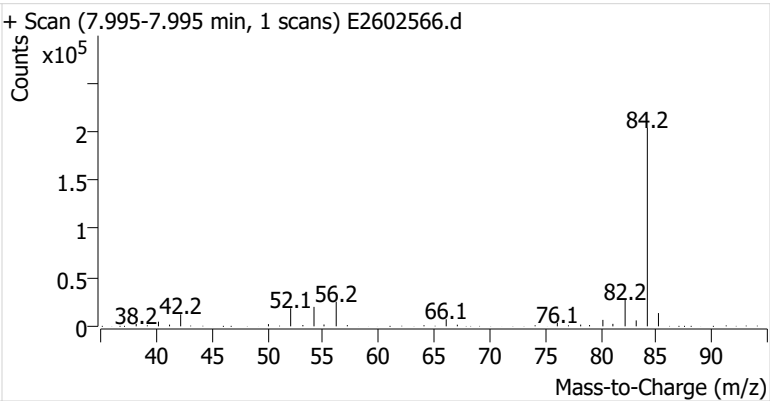
Sample Chromatogram



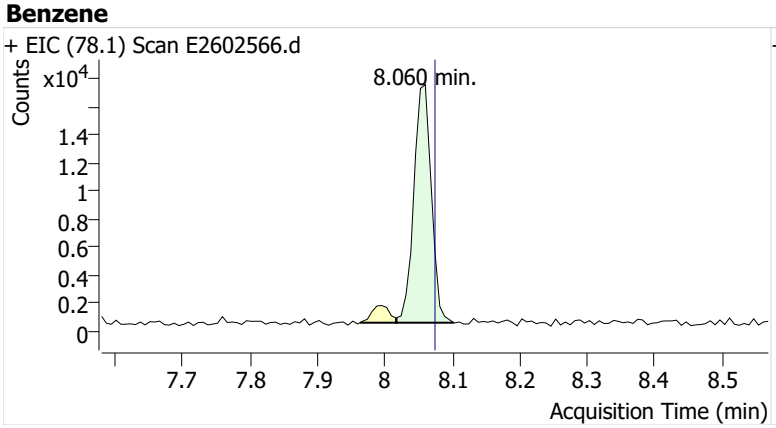
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.995	8.017	345,374	
Benzene	benzene-d6 (IS)	8.060	8.074	30,716	
Toluene-d8 (IS)		10.696	10.710	392,481	
Toluene	Toluene-d8 (IS)	10.789	10.803	45,938	
Ethylbenzene	Toluene-d8 (IS)	12.988	12.995	6,151	
m-/p-Xylenes	Toluene-d8 (IS)	13.160	13.174	11,365	
o-Xylene	Toluene-d8 (IS)	13.661	13.675	3,828	

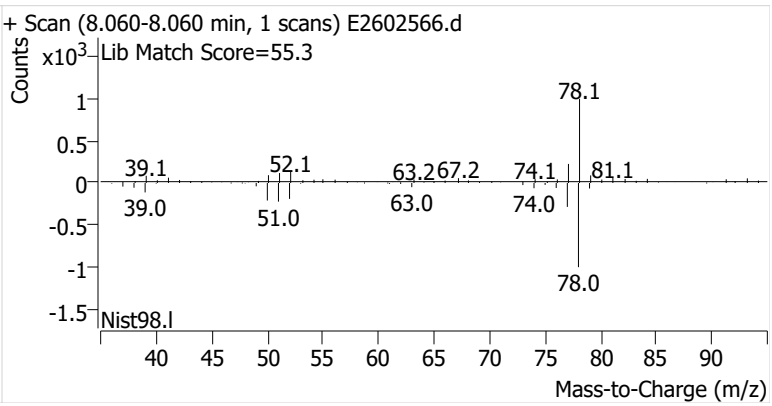
benzene-d6 (IS)



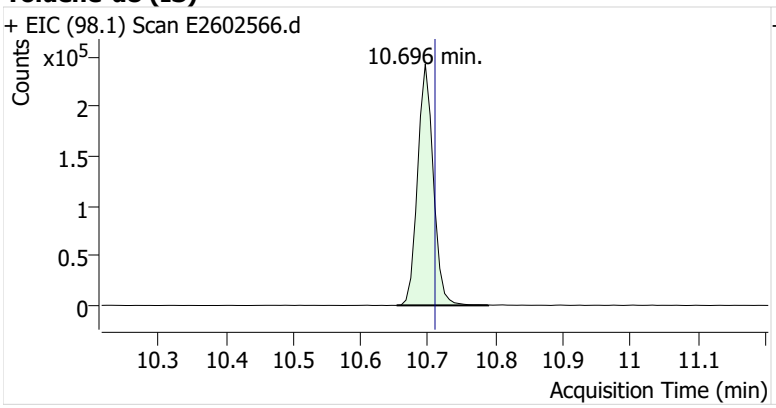


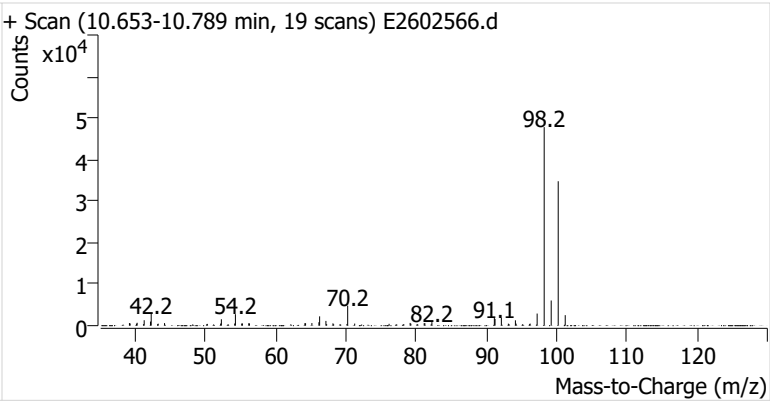
Benzene



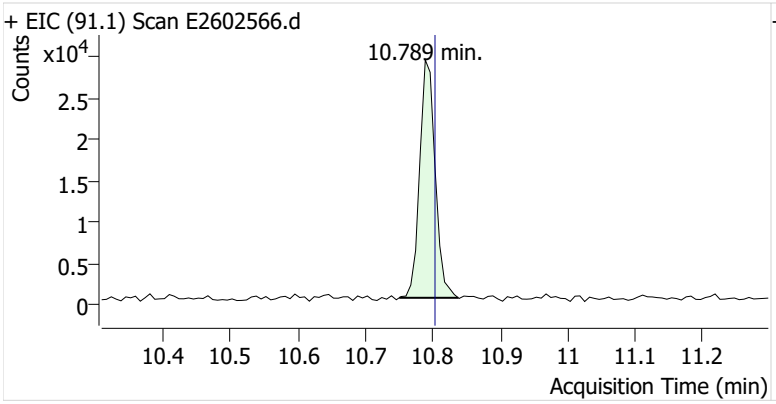


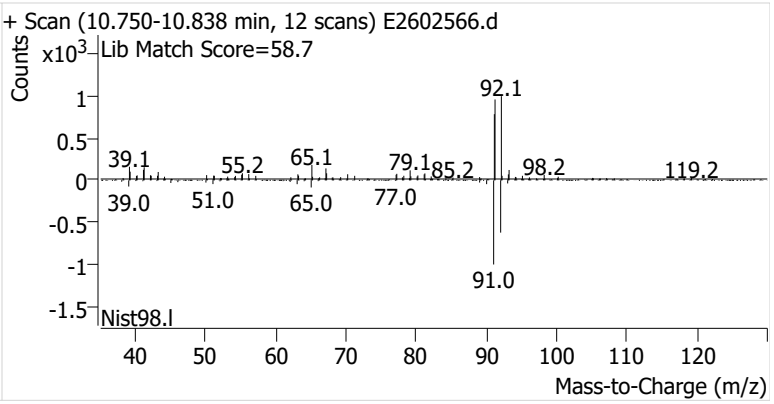
Toluene-d8 (IS)



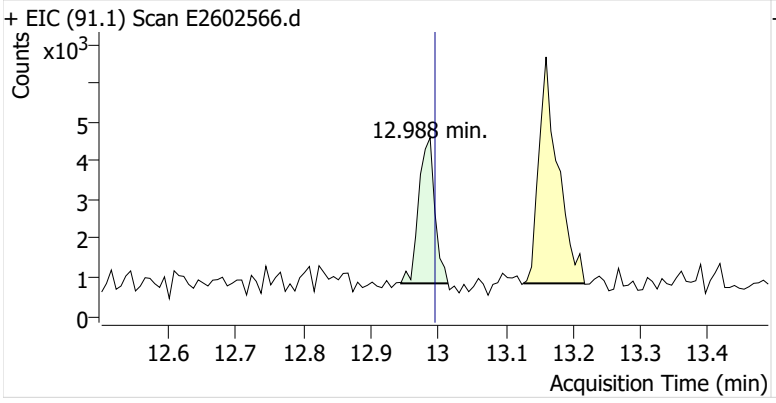


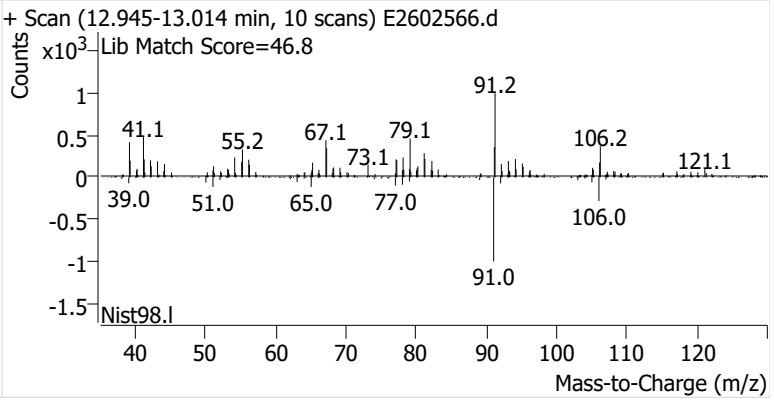
Toluene



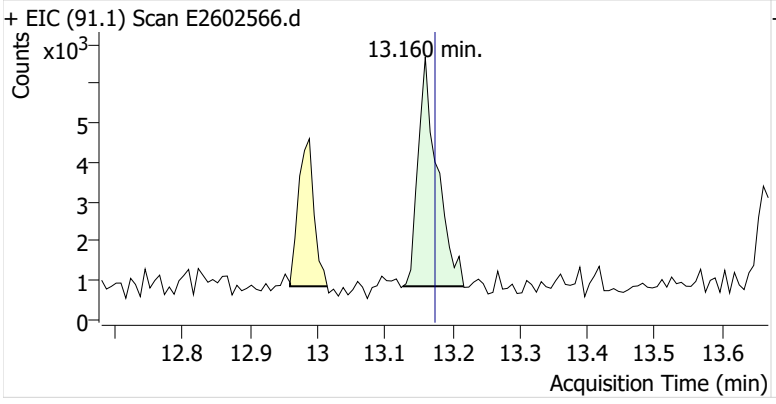


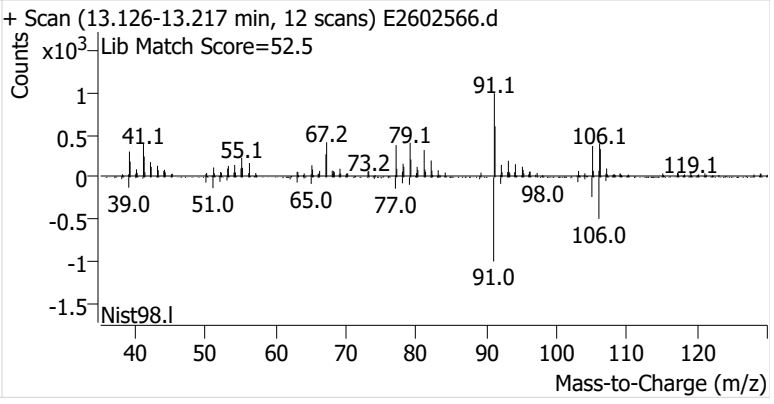
Ethylbenzene



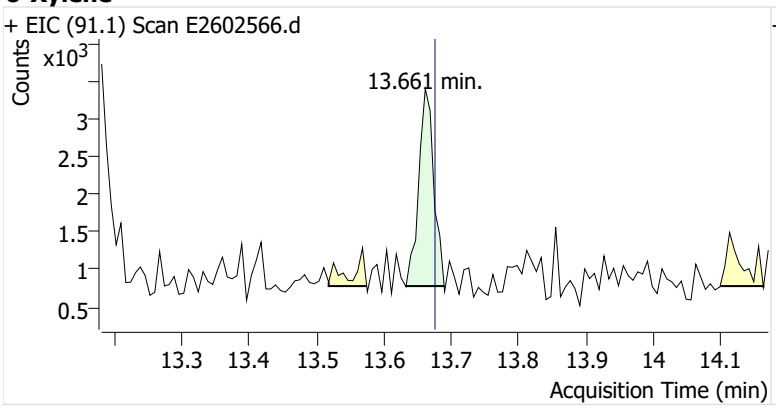


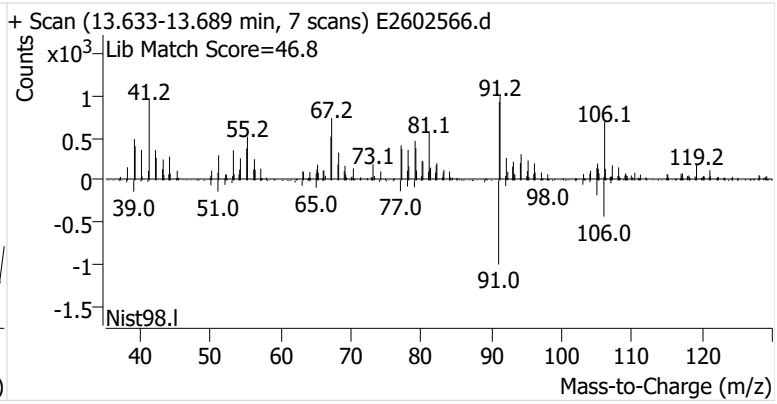
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan E2602566.d
Counts
x10^3
13.661 min.
3
2.5
2
1.5
1
0.5
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.633-13.689 min, 7 scans) E2602566.d
Lib Match Score=46.8
Counts
x10^3
41.2
55.2
67.2
73.1
81.1
91.2
106.1
119.2
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: Power Engineers, Inc.
Job No.: 2026FW203-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E033126A_CC185154	Benzene	1	E2601671.d	6.05	40525	56.3	324001	1.164	0.12
E033126A_CC185154	Benzene	2	E2601672.d	12.10	65768	56.3	320018	0.956	-0.079
E033126A_CC185154	Benzene	3	E2601673.d	24.21	143725	56.3	327962	1.020	-0.018
E033126A_CC185154	Benzene	4	E2601674.d	48.42	290266	56.3	326729	1.034	-0.005
E033126A_CC185154	Benzene	5	E2601675.d	121.04	713673	56.3	336494	0.987	-0.05
E033126A_CC185154	Benzene	6	E2601676.d	242.09	1499218	56.3	337451	1.034	-0.0048
E033126A_CC185154	Benzene	7	E2601677.d	726.26	4643684	56.3	334538	1.077	0.036
						Avg:	329599	1.039	
						%RSD:	2.0%	6.5%	
E033126A_CC185154	Toluene	1	E2601671.d	5.32	50200	66.1	369729	1.687	0.25
E033126A_CC185154	Toluene	2	E2601672.d	10.63	70637	66.1	360263	1.218	-0.1
E033126A_CC185154	Toluene	3	E2601673.d	21.26	166612	66.1	370909	1.396	0.031
E033126A_CC185154	Toluene	4	E2601674.d	42.53	317927	66.1	370606	1.333	-0.016
E033126A_CC185154	Toluene	5	E2601675.d	106.31	694460	66.1	377919	1.142	-0.16
E033126A_CC185154	Toluene	6	E2601676.d	212.62	2142734	66.1	456595	1.458	0.077
E033126A_CC185154	Toluene	7	E2601677.d	637.87	4502492	66.1	374854	1.244	-0.081
						Avg:	382982	1.354	
						%RSD:	8.6%	13.5%	
E033126A_CC185154	Ethylbenzene	1	E2601671.d	5.52	54312	66.1	369729	1.757	0.21
E033126A_CC185154	Ethylbenzene	2	E2601672.d	11.05	88330	66.1	360263	1.466	0.013
E033126A_CC185154	Ethylbenzene	3	E2601673.d	22.10	190213	66.1	370909	1.533	0.059
E033126A_CC185154	Ethylbenzene	4	E2601674.d	44.20	365402	66.1	370606	1.474	0.018
E033126A_CC185154	Ethylbenzene	5	E2601675.d	110.49	812434	66.1	377919	1.285	-0.11
E033126A_CC185154	Ethylbenzene	6	E2601676.d	220.98	1684104	66.1	456595	1.103	-0.24
E033126A_CC185154	Ethylbenzene	7	E2601677.d	662.95	5701250	66.1	374854	1.516	0.047
						Avg:	382982	1.448	
						%RSD:	8.6%	14.2%	
E033126A_CC185154	m-/p-Xylenes	1	E2601671.d	6.19	53870	66.1	369729	1.555	0.26
E033126A_CC185154	m-/p-Xylenes	2	E2601672.d	12.38	86644	66.1	360263	1.283	0.038
E033126A_CC185154	m-/p-Xylenes	3	E2601673.d	24.77	184421	66.1	370909	1.326	0.073
E033126A_CC185154	m-/p-Xylenes	4	E2601674.d	49.53	352253	66.1	370606	1.268	0.026
E033126A_CC185154	m-/p-Xylenes	5	E2601675.d	123.83	766584	66.1	377919	1.082	-0.12
E033126A_CC185154	m-/p-Xylenes	6	E2601676.d	247.66	1570306	66.1	456595	0.917	-0.26
E033126A_CC185154	m-/p-Xylenes	7	E2601677.d	742.99	5145734	66.1	374854	1.221	-0.012
						Avg:	382982	1.236	
						%RSD:	8.6%	16.1%	
E033126A_CC185154	o-Xylene	1	E2601671.d	5.76	49526	66.1	369729	1.537	0.23
E033126A_CC185154	o-Xylene	2	E2601672.d	11.52	81122	66.1	360263	1.292	0.034
E033126A_CC185154	o-Xylene	3	E2601673.d	23.03	171487	66.1	370909	1.326	0.061

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E033126A_CC185154	o-Xylene	4	E2601674.d	46.06	332218	66.1	370606	1.286	0.029
E033126A_CC185154	o-Xylene	5	E2601675.d	115.16	720901	66.1	377919	1.094	-0.12
E033126A_CC185154	o-Xylene	6	E2601676.d	230.32	1473173	66.1	456595	0.925	-0.26
E033126A_CC185154	o-Xylene	7	E2601677.d	690.97	5050966	66.1	374854	1.288	0.031
						Avg:	382982	1.250	
						%RSD:	8.6%	15.4%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E033126A_CC185154	Benzene	ICV	E2601678.d	180.48	923563	56.3	331658	0.869	-16.0%
E033126A_CC185154	Toluene	ICV	E2601678.d	184.81	1052072	66.1	375222	1.002	-26.0%
E033126A_CC185154	Ethylbenzene	ICV	E2601678.d	182.73	1258083	66.1	375222	1.212	-16.0%
E033126A_CC185154	m-/p-Xylenes	ICV	E2601678.d	185.57	969725	66.1	375222	0.920	-26.0%
E033126A_CC185154	o-Xylene	ICV	E2601678.d	185.93	992933	66.1	375222	0.940	-25.0%

M325B PDF Report ver.20260421

Sample Custody

2026FW203

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

Page #1 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	C36974	Sample	4/22/26	10:02 AM	5/6/26	11:41 AM	DTA/DTA		
5	C39231	Sample	4/22/26	10:09 AM	5/6/26	11:46 AM	DTA/DTA		
4	C01812	Sample	4/22/26	10:13 AM	5/6/26	11:50 AM	DTA/DTA		
3	C56959	Sample	4/22/26	10:18 AM	5/6/26	11:54 AM	DTA/DTA		
2	C40106	Sample	4/22/26	10:23 AM	5/6/26	12:00 PM	DTA/DTA		
1	C71529	Sample	4/22/26	10:27 AM	5/6/26	12:03 PM	DTA/DTA		
1	C34178	Blank	4/22/26	10:27 AM	5/6/26	12:03 PM	DTA/DTA		
13	C20420	Sample	4/22/26	10:30 AM	5/6/26	12:08 PM	DTA/DTA		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Dylan Arrigo		5/6/2026	1350
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		5/7/26	10:00 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	N	
Ice Temp: — / **Blank Temp:** 22.4 / Fluke 4		**Add Custody Seal # below:**	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

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

Page #2 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	C57819	Sample	4/22/26	10:36 AM	5/6/26	12:15 PM	DTA/DTA		
11	C40677	Sample	4/22/26	10:41 AM	5/6/26	12:19 PM	DTA/DTA		
10	C67402	Sample	4/22/26	10:45 AM	5/6/26	12:24 PM	DTA/DTA		
9	C69517	Sample	4/22/26	10:50 AM	5/6/26	12:28 PM	DTA/DTA		
8	C57410	Sample	4/22/26	10:55 AM	5/6/26	12:33 PM	DTA/DTA		
8	B49492	Duplicate	4/22/26	10:55 AM	5/6/26	12:33 PM	DTA/DTA		
7	C01887	Sample	4/22/26	11:00 AM	5/6/26	12:37 PM	DTA/DTA		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Dylan Arrigo		5/6/2026	1350
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		5/11/26	10:00AM

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good			BTEX	N	
Ice Temp:	Blank Temp: 22.4	Fluke 4		Add Custody Seal # below:	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 5/27/2026

Analytical Report
2026FW204

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:

Sarah Rhem

Sarah Rhem
Project Management
Onterris
sarahrhem@onterris.com

Sarah Rhem, Project Manager
SarahRhem@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW204-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Onterris/Enthalpy on May 27, 2026 at 22.7 °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
PPSP-6-S-20260506	C40195	Sample
PPSP-5-S-20260506	C40548	Sample
PPSP-4-S-20260506	C36944	Sample
PPSP-3-S-20260506	C24168	Sample
PPSP-2-S-20260506	C01771	Sample
PPSP-1-S-20260506	C55424	Sample
PPSP-1-B-20260506	C39164	Blank
PPSP-13-S-20260506	C67287	Sample
PPSP-12-S-20260506	C31390	Sample
PPSP-11-S-20260506	C36977	Sample
PPSP-10-S-20260506	C55346	Sample
PPSP-9-S-20260506	C39264	Sample
PPSP-8-S-20260506	C37475	Sample
PPSP-8-D-20260506	C37484	Duplicate
PPSP-7-S-20260506	C70016	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.

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.

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW204-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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.

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: Power Engineers, Inc.
Job No.: 2026FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260506	C40195	0.497		0.914			ND	0.392	J		ND
PPSP-5-S-20260506	C40548	0.469		0.864			ND	0.383	J		ND
PPSP-4-S-20260506	C36944	0.531		1.10			ND	0.480	J		ND
PPSP-3-S-20260506	C24168	0.686		1.90			ND	0.521	J		ND
PPSP-2-S-20260506	C01771	1.19		2.03			ND	0.860			ND
PPSP-1-S-20260506	C55424	1.87		2.74		0.366	J	1.38		0.387	J
PPSP-1-B-20260506	C39164		ND	0.267	J		ND		ND		ND
PPSP-13-S-20260506	C67287	3.23		5.18		0.563	J	2.34		0.653	
PPSP-12-S-20260506	C31390	3.53		6.82		0.725		2.69		0.744	
PPSP-11-S-20260506	C36977	4.47		6.82		0.804		3.12		0.847	
PPSP-10-S-20260506	C55346	2.74		4.06		0.469	J	2.06		0.585	J
PPSP-9-S-20260506	C39264	1.61		2.44		0.305	J	1.13		0.323	J
PPSP-8-S-20260506	C37475	0.774		1.16			ND	0.504	J		ND
PPSP-8-D-20260506	C37484	0.678		1.21			ND	0.541	J		ND
PPSP-7-S-20260506	C70016	0.562		0.935			ND	0.372	J		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: Power Engineers, Inc.

Job No.: 2026FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260506	C40195	0.497	0.156	6.54	55.5	0.656	20067	0.190	0.456	0.0594	0.143		M2602324.d	2026-05-27 20:07	1.031	8.095	35404	294001	56.0	8.038	1.5%
PPSP-5-S-20260506	C40548	0.469	0.147	6.18	55.5	0.656	20068	0.190	0.456	0.0594	0.143		M2602325.d	2026-05-27 20:33	1.031	8.095	33027	290502	56.0	8.038	0.3%
PPSP-4-S-20260506	C36944	0.531	0.166	6.99	55.5	0.656	20069	0.190	0.456	0.0594	0.143		M2602326.d	2026-05-27 21:00	1.031	8.095	37411	290538	56.0	8.038	0.3%
PPSP-3-S-20260506	C24168	0.686	0.215	9.03	55.5	0.656	20071	0.190	0.456	0.0594	0.143		M2602327.d	2026-05-27 21:26	1.031	8.095	48298	290402	56.0	8.038	0.3%
PPSP-2-S-20260506	C01771	1.19	0.372	15.6	55.5	0.656	20070	0.190	0.456	0.0594	0.143		M2602328.d	2026-05-27 21:52	1.031	8.095	83500	289938	56.0	8.038	0.1%
PPSP-1-S-20260506	C55424	1.87	0.587	24.7	55.6	0.656	20071	0.190	0.456	0.0594	0.143		M2602329.d	2026-05-27 22:19	1.031	8.095	132059	290369	56.0	8.038	0.3%
PPSP-1-B-20260506	C39164				55.6	0.656	20071	0.190	0.456	0.0594	0.143	ND	M2602323.d	2026-05-27 19:41	1.031	8.095	4260	291999	56.0	8.038	0.8%
PPSP-13-S-20260506	C67287	3.23	1.01	42.6	55.6	0.656	20070	0.190	0.456	0.0594	0.143		M2602330.d	2026-05-27 22:45	1.031	8.095	227374	290126	56.0	8.038	0.2%
PPSP-12-S-20260506	C31390	3.53	1.11	46.5	55.6	0.656	20067	0.190	0.456	0.0594	0.143		M2602331.d	2026-05-27 23:11	1.031	8.095	250379	292196	56.0	8.038	0.9%
PPSP-11-S-20260506	C36977	4.47	1.40	58.9	55.6	0.656	20068	0.190	0.456	0.0594	0.143		M2602332.d	2026-05-27 23:37	1.031	8.095	315964	291508	56.0	8.038	0.6%
PPSP-10-S-20260506	C55346	2.74	0.857	36.1	55.6	0.656	20067	0.190	0.456	0.0594	0.143		M2602334.d	2026-05-28 00:30	1.031	8.095	194644	293198	56.0	8.038	1.2%
PPSP-9-S-20260506	C39264	1.61	0.505	21.2	55.6	0.656	20066	0.190	0.456	0.0594	0.143		M2602335.d	2026-05-28 00:56	1.031	8.095	114348	292426	56.0	8.038	1.0%
PPSP-8-S-20260506	C37475	0.774	0.242	10.2	55.6	0.656	20066	0.190	0.456	0.0594	0.143		M2602336.d	2026-05-28 01:22	1.031	8.095	54655	291139	56.0	8.038	0.5%
PPSP-8-D-20260506	C37484	0.678	0.212	8.93	55.6	0.656	20066	0.190	0.456	0.0594	0.143		M2602337.d	2026-05-28 01:48	1.031	8.095	47946	291784	56.0	8.038	0.7%
PPSP-7-S-20260506	C70016	0.562	0.176	7.41	55.6	0.657	20066	0.190	0.456	0.0594	0.143		M2602338.d	2026-05-28 02:14	1.031	8.095	40001	293393	56.0	8.038	1.3%

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
PPSP-6-S-20260506	C40195	0.914	0.243	9.34	55.5	0.509	20067	0.245	0.516	0.0649	0.137		M2602324.d	2026-05-27 20:07	1.392	10.817	62764	316958	65.7	10.717	1.3%
PPSP-5-S-20260506	C40548	0.864	0.229	8.84	55.5	0.509	20068	0.245	0.516	0.0649	0.137		M2602325.d	2026-05-27 20:33	1.392	10.817	59559	317922	65.7	10.717	1.6%
PPSP-4-S-20260506	C36944	1.10	0.293	11.3	55.5	0.509	20069	0.244	0.516	0.0649	0.137		M2602326.d	2026-05-27 21:00	1.392	10.817	76155	318162	65.7	10.717	1.6%
PPSP-3-S-20260506	C24168	1.90	0.504	19.4	55.5	0.509	20071	0.244	0.516	0.0649	0.137		M2602327.d	2026-05-27 21:26	1.392	10.817	130778	317861	65.7	10.717	1.5%
PPSP-2-S-20260506	C01771	2.03	0.539	20.8	55.5	0.510	20070	0.244	0.516	0.0649	0.137		M2602328.d	2026-05-27 21:52	1.392	10.817	139568	317002	65.7	10.717	1.3%
PPSP-1-S-20260506	C55424	2.74	0.727	28.0	55.6	0.510	20071	0.244	0.516	0.0649	0.137		M2602329.d	2026-05-27 22:19	1.392	10.817	189985	320196	65.7	10.717	2.3%
PPSP-1-B-20260506	C39164	0.267	0.0709	2.73	55.6	0.510	20071	0.244	0.516	0.0649	0.137	J	M2602323.d	2026-05-27 19:41	1.392	10.817	18079	312286	65.7	10.717	-0.2%
PPSP-13-S-20260506	C67287	5.18	1.38	53.0	55.6	0.510	20070	0.244	0.516	0.0649	0.137		M2602330.d	2026-05-27 22:45	1.392	10.817	356361	317211	65.7	10.717	1.3%
PPSP-12-S-20260506	C31390	6.82	1.81	69.7	55.6	0.510	20067	0.245	0.516	0.0649	0.137		M2602331.d	2026-05-27 23:11	1.392	10.810	473080	320104	65.7	10.717	2.3%
PPSP-11-S-20260506	C36977	6.82	1.81	69.7	55.6	0.510	20068	0.245	0.516	0.0649	0.137		M2602332.d	2026-05-27 23:37	1.392	10.817	468924	317130	65.7	10.717	1.3%
PPSP-10-S-20260506	C55346	4.06	1.08	41.5	55.6	0.510	20067	0.245	0.516	0.0649	0.137		M2602334.d	2026-05-28 00:30	1.392	10.817	285547	324540	65.7	10.717	3.7%
PPSP-9-S-20260506	C39264	2.44	0.647	24.9	55.6	0.510	20066	0.245	0.516	0.0649	0.137		M2602335.d	2026-05-28 00:56	1.392	10.817	170009	321772	65.7	10.717	2.8%
PPSP-8-S-20260506	C37475	1.16	0.308	11.9	55.6	0.510	20066	0.245	0.516	0.0649	0.137		M2602336.d	2026-05-28 01:22	1.392	10.817	80984	322090	65.7	10.717	2.9%
PPSP-8-D-20260506	C37484	1.21	0.322	12.4	55.6	0.510	20066	0.245	0.516	0.0649	0.137		M2602337.d	2026-05-28 01:48	1.392	10.810	84325	320486	65.7	10.717	2.4%
PPSP-7-S-20260506	C70016	0.935	0.248	9.56	55.6	0.510	20066	0.245	0.516	0.0649	0.137		M2602338.d	2026-05-28 02:14	1.392	10.817	65051	321127	65.7	10.717	2.6%

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
PPSP-6-S-20260506	C40195				55.5	0.451	20067	0.276	0.606	0.0637	0.140	ND	M2602324.d	2026-05-27 20:07	1.284	12.995	8402	316958	65.7	10.717	1.3%
PPSP-5-S-20260506	C40548				55.5	0.451	20068	0.276	0.606	0.0637	0.140	ND	M2602325.d	2026-05-27 20:33	1.284	12.995	7462	317922	65.7	10.717	1.6%
PPSP-4-S-20260506	C36944				55.5	0.451	20069	0.276	0.606	0.0637	0.140	ND	M2602326.d	2026-05-27 21:00	1.284	12.995	9552	318162	65.7	10.717	1.6%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260506	C24168				55.5	0.451	20071	0.276	0.606	0.0637	0.140	ND	M2602327.d	2026-05-27 21:26	1.284	12.995	10954	317861	65.7	10.717	1.5%
PPSP-2-S-20260506	C01771				55.5	0.451	20070	0.276	0.606	0.0637	0.140	ND	M2602328.d	2026-05-27 21:52	1.284	12.995	14944	317002	65.7	10.717	1.3%
PPSP-1-S-20260506	C55424	0.366	0.0843	3.31	55.6	0.451	20071	0.276	0.606	0.0637	0.140	J	M2602329.d	2026-05-27 22:19	1.284	12.995	20713	320196	65.7	10.717	2.3%
PPSP-1-B-20260506	C39164				55.6	0.451	20071	0.276	0.606	0.0637	0.140	ND	M2602323.d	2026-05-27 19:41	1.284	12.995	1165	312286	65.7	10.717	-0.2%
PPSP-13-S-20260506	C67287	0.563	0.130	5.09	55.6	0.451	20070	0.276	0.606	0.0637	0.140	J	M2602330.d	2026-05-27 22:45	1.284	12.995	31561	317211	65.7	10.717	1.3%
PPSP-12-S-20260506	C31390	0.725	0.167	6.56	55.6	0.451	20067	0.276	0.606	0.0637	0.140		M2602331.d	2026-05-27 23:11	1.284	12.995	41065	320104	65.7	10.717	2.3%
PPSP-11-S-20260506	C36977	0.804	0.185	7.27	55.6	0.451	20068	0.276	0.606	0.0637	0.140		M2602332.d	2026-05-27 23:37	1.284	12.995	45108	317130	65.7	10.717	1.3%
PPSP-10-S-20260506	C55346	0.469	0.108	4.24	55.6	0.451	20067	0.276	0.606	0.0637	0.140	J	M2602334.d	2026-05-28 00:30	1.284	12.995	26936	324540	65.7	10.717	3.7%
PPSP-9-S-20260506	C39264	0.305	0.0702	2.76	55.6	0.451	20066	0.276	0.606	0.0637	0.140	J	M2602335.d	2026-05-28 00:56	1.284	12.995	17344	321772	65.7	10.717	2.8%
PPSP-8-S-20260506	C37475				55.6	0.451	20066	0.276	0.606	0.0637	0.140	ND	M2602336.d	2026-05-28 01:22	1.284	12.995	10530	322090	65.7	10.717	2.9%
PPSP-8-D-20260506	C37484				55.6	0.451	20066	0.276	0.606	0.0637	0.140	ND	M2602337.d	2026-05-28 01:48	1.284	12.995	10694	320486	65.7	10.717	2.4%
PPSP-7-S-20260506	C70016				55.6	0.451	20066	0.276	0.606	0.0637	0.140	ND	M2602338.d	2026-05-28 02:14	1.284	12.995	6843	321127	65.7	10.717	2.6%

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
PPSP-6-S-20260506	C40195	0.392	0.0902	3.54	55.5	0.451	20067	0.276	0.679	0.0637	0.156	J	M2602324.d	2026-05-27 20:07	0.966	13.174	16512	316958	65.7	10.717	1.3%
PPSP-5-S-20260506	C40548	0.383	0.0883	3.47	55.5	0.451	20068	0.276	0.679	0.0637	0.156	J	M2602325.d	2026-05-27 20:33	0.966	13.174	16210	317922	65.7	10.717	1.6%
PPSP-4-S-20260506	C36944	0.480	0.111	4.34	55.5	0.451	20069	0.276	0.679	0.0637	0.156	J	M2602326.d	2026-05-27 21:00	0.966	13.174	20319	318162	65.7	10.717	1.6%
PPSP-3-S-20260506	C24168	0.521	0.120	4.72	55.5	0.451	20071	0.276	0.679	0.0637	0.156	J	M2602327.d	2026-05-27 21:26	0.966	13.174	22055	317861	65.7	10.717	1.5%
PPSP-2-S-20260506	C01771	0.860	0.198	7.78	55.5	0.451	20070	0.276	0.679	0.0637	0.156		M2602328.d	2026-05-27 21:52	0.966	13.174	36269	317002	65.7	10.717	1.3%
PPSP-1-S-20260506	C55424	1.38	0.319	12.5	55.6	0.451	20071	0.276	0.679	0.0637	0.156		M2602329.d	2026-05-27 22:19	0.966	13.174	58918	320196	65.7	10.717	2.3%
PPSP-1-B-20260506	C39164				55.6	0.451	20071	0.276	0.679	0.0637	0.156	ND	M2602323.d	2026-05-27 19:41	0.966	13.167	932	312286	65.7	10.717	-0.2%
PPSP-13-S-20260506	C67287	2.34	0.538	21.1	55.6	0.451	20070	0.276	0.679	0.0637	0.156		M2602330.d	2026-05-27 22:45	0.966	13.174	98604	317211	65.7	10.717	1.3%
PPSP-12-S-20260506	C31390	2.69	0.619	24.3	55.6	0.451	20067	0.276	0.679	0.0637	0.156		M2602331.d	2026-05-27 23:11	0.966	13.174	114444	320104	65.7	10.717	2.3%
PPSP-11-S-20260506	C36977	3.12	0.718	28.2	55.6	0.451	20068	0.276	0.679	0.0637	0.156		M2602332.d	2026-05-27 23:37	0.966	13.174	131461	317130	65.7	10.717	1.3%
PPSP-10-S-20260506	C55346	2.06	0.475	18.7	55.6	0.451	20067	0.276	0.679	0.0637	0.156		M2602334.d	2026-05-28 00:30	0.966	13.174	89081	324540	65.7	10.717	3.7%
PPSP-9-S-20260506	C39264	1.13	0.260	10.2	55.6	0.451	20066	0.276	0.679	0.0637	0.156		M2602335.d	2026-05-28 00:56	0.966	13.174	48267	321772	65.7	10.717	2.8%
PPSP-8-S-20260506	C37475	0.504	0.116	4.56	55.6	0.451	20066	0.276	0.679	0.0637	0.156	J	M2602336.d	2026-05-28 01:22	0.966	13.174	21590	322090	65.7	10.717	2.9%
PPSP-8-D-20260506	C37484	0.541	0.125	4.89	55.6	0.451	20066	0.276	0.679	0.0637	0.156	J	M2602337.d	2026-05-28 01:48	0.966	13.174	23074	320486	65.7	10.717	2.4%
PPSP-7-S-20260506	C70016	0.372	0.0856	3.36	55.6	0.451	20066	0.276	0.679	0.0637	0.156	J	M2602338.d	2026-05-28 02:14	0.966	13.174	15878	321127	65.7	10.717	2.6%

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
PPSP-6-S-20260506	C40195				55.5	0.451	20067	0.276	0.632	0.0637	0.146	ND	M2602324.d	2026-05-27 20:07	1.013	13.675	5490	316958	65.7	10.717	1.3%
PPSP-5-S-20260506	C40548				55.5	0.451	20068	0.276	0.631	0.0637	0.146	ND	M2602325.d	2026-05-27 20:33	1.013	13.675	5082	317922	65.7	10.717	1.6%
PPSP-4-S-20260506	C36944				55.5	0.451	20069	0.276	0.631	0.0637	0.146	ND	M2602326.d	2026-05-27 21:00	1.013	13.675	6835	318162	65.7	10.717	1.6%
PPSP-3-S-20260506	C24168				55.5	0.451	20071	0.276	0.631	0.0637	0.146	ND	M2602327.d	2026-05-27 21:26	1.013	13.675	7492	317861	65.7	10.717	1.5%
PPSP-2-S-20260506	C01771				55.5	0.451	20070	0.276	0.631	0.0637	0.146	ND	M2602328.d	2026-05-27 21:52	1.013	13.675	11254	317002	65.7	10.717	1.3%
PPSP-1-S-20260506	C55424	0.387	0.0893	3.51	55.6	0.451	20071	0.276	0.631	0.0637	0.146	J	M2602329.d	2026-05-27 22:19	1.013	13.675	17325	320196	65.7	10.717	2.3%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260506	C39164				55.6	0.451	20071	0.276	0.631	0.0637	0.146	ND	M2602323.d	2026-05-27 19:41	1.013	13.675	312	312286	65.7	10.717	-0.2%
PPSP-13-S-20260506	C67287	0.653	0.150	5.91	55.6	0.451	20070	0.276	0.631	0.0637	0.146		M2602330.d	2026-05-27 22:45	1.013	13.675	28919	317211	65.7	10.717	1.3%
PPSP-12-S-20260506	C31390	0.744	0.171	6.72	55.6	0.451	20067	0.276	0.632	0.0637	0.146		M2602331.d	2026-05-27 23:11	1.013	13.675	33228	320104	65.7	10.717	2.3%
PPSP-11-S-20260506	C36977	0.847	0.195	7.66	55.6	0.451	20068	0.276	0.631	0.0637	0.146		M2602332.d	2026-05-27 23:37	1.013	13.675	37500	317130	65.7	10.717	1.3%
PPSP-10-S-20260506	C55346	0.585	0.135	5.29	55.6	0.451	20067	0.276	0.631	0.0637	0.146	J	M2602334.d	2026-05-28 00:30	1.013	13.675	26507	324540	65.7	10.717	3.7%
PPSP-9-S-20260506	C39264	0.323	0.0745	2.92	55.6	0.451	20066	0.276	0.632	0.0637	0.146	J	M2602335.d	2026-05-28 00:56	1.013	13.675	14521	321772	65.7	10.717	2.8%
PPSP-8-S-20260506	C37475				55.6	0.451	20066	0.276	0.632	0.0637	0.146	ND	M2602336.d	2026-05-28 01:22	1.013	13.675	6516	322090	65.7	10.717	2.9%
PPSP-8-D-20260506	C37484				55.6	0.451	20066	0.276	0.632	0.0637	0.146	ND	M2602337.d	2026-05-28 01:48	1.013	13.675	7619	320486	65.7	10.717	2.4%
PPSP-7-S-20260506	C70016				55.6	0.451	20066	0.276	0.632	0.0637	0.146	ND	M2602338.d	2026-05-28 02:14	1.013	13.675	5315	321127	65.7	10.717	2.6%

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: Power Engineers, Inc.
Job No.: 2026FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260506	ND	Pass	0.267	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260506	13%	Pass	4.5%	Pass	ND	Pass	7.1%	Pass	ND	Pass

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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 REC	M2602321.d	C55685	Cal	1.031	1.030	1.031	0.086%	-23%		Pass	
2026FW204 Method Blank-1	M2602322.d	C59958	Blank		1.030	1.031			3.1%	Pass	ND
M325B CCV 5	M2602333.d	C71584	Check	1.019	1.030	1.031	-1.1%		1.8%	Pass	
M325B CCV 5	M2602339.d	C36947	Check	1.021	1.030	1.031	-0.87%		0.81%	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 REC	M2602321.d	C55685	Cal	1.392	1.234	1.392	13%	-21%		Pass	
2026FW204 Method Blank-1	M2602322.d	C59958	Blank		1.234	1.392			4.9%	Pass	ND
M325B CCV 5	M2602333.d	C71584	Check	1.218	1.234	1.392	-1.3%		3.5%	Pass	
M325B CCV 5	M2602339.d	C36947	Check	1.229	1.234	1.392	-0.40%		4.4%	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 REC	M2602321.d	C55685	Cal	1.284	1.420	1.284	-9.6%	-21%		Pass	
2026FW204 Method Blank-1	M2602322.d	C59958	Blank		1.420	1.284			4.9%	Pass	ND
M325B CCV 5	M2602333.d	C71584	Check	1.331	1.420	1.284	-6.2%		3.5%	Pass	
M325B CCV 5	M2602339.d	C36947	Check	1.332	1.420	1.284	-6.1%		4.4%	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 REC	M2602321.d	C55685	Cal	0.966	1.183	0.966	-18%	-21%		Pass	
2026FW204 Method Blank-1	M2602322.d	C59958	Blank		1.183	0.966			4.9%	Pass	ND
M325B CCV 5	M2602333.d	C71584	Check	1.050	1.183	0.966	-11%		3.5%	Pass	
M325B CCV 5	M2602339.d	C36947	Check	1.017	1.183	0.966	-14%		4.4%	Pass	

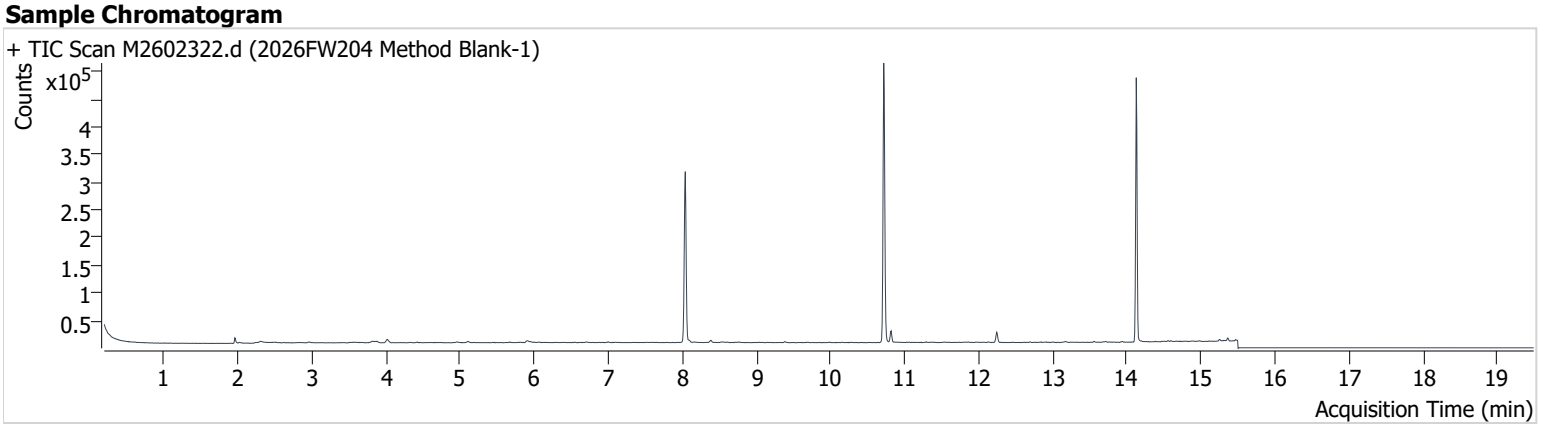
o-Xylene Calibration and Blanks

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 REC	M2602321.d	C55685	Cal	1.013	1.183	1.013	-14%	-21%		Pass	
2026FW204 Method Blank-1	M2602322.d	C59958	Blank		1.183	1.013			4.9%	Pass	ND
M325B CCV 5	M2602333.d	C71584	Check	1.100	1.183	1.013	-7.0%		3.5%	Pass	
M325B CCV 5	M2602339.d	C36947	Check	1.040	1.183	1.013	-12%		4.4%	Pass	

Chromatograms

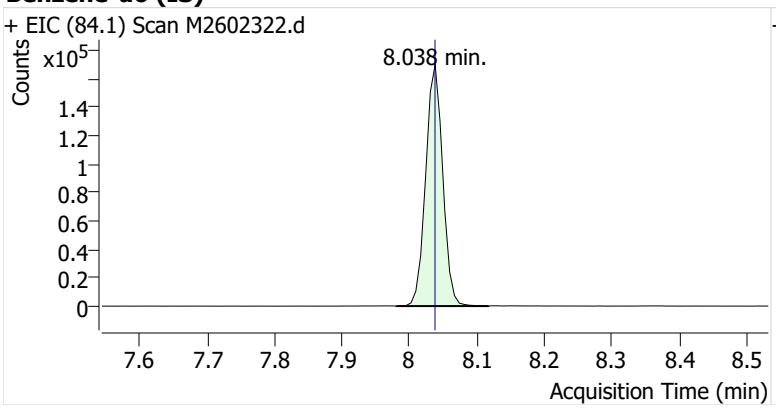
Name	2026FW204 Method Blank-1
Comment	C59958
Data File	M2602322.d
Acq. Date-Time	5/27/2026 7:15:21 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

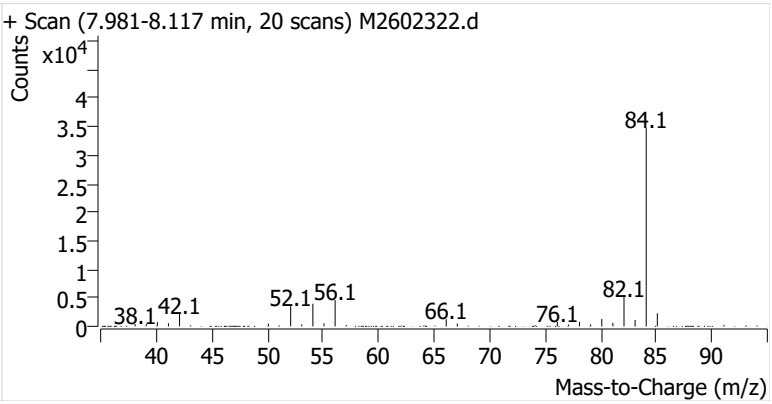
Sample Chromatogram



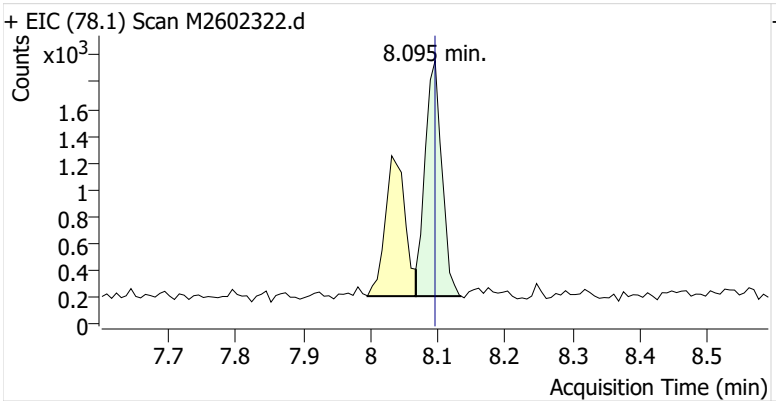
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	298,685	
Benzene	Benzene-d6 (IS)	8.095	8.095	3,048	
Toluene-d8 (IS)		10.717	10.724	328,362	
Toluene	Toluene-d8 (IS)	10.817	10.817	14,608	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	725	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	662	
o-Xylene	Toluene-d8 (IS)	13.676	13.682	192	

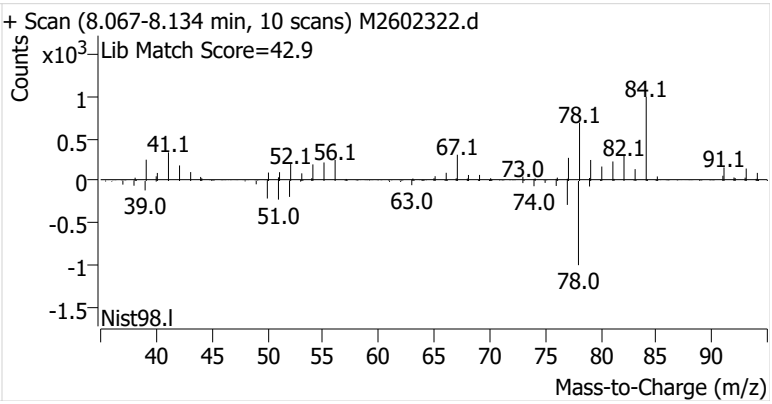
Benzene-d6 (IS)



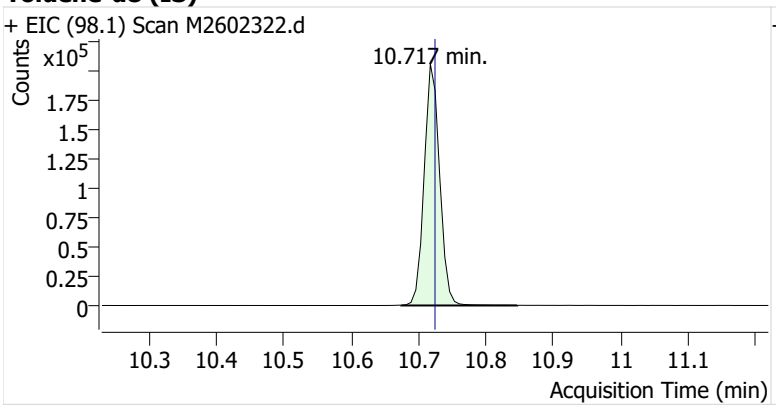


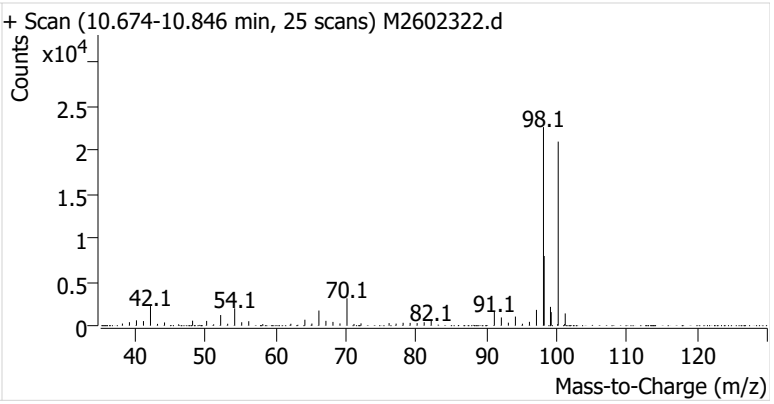
Benzene



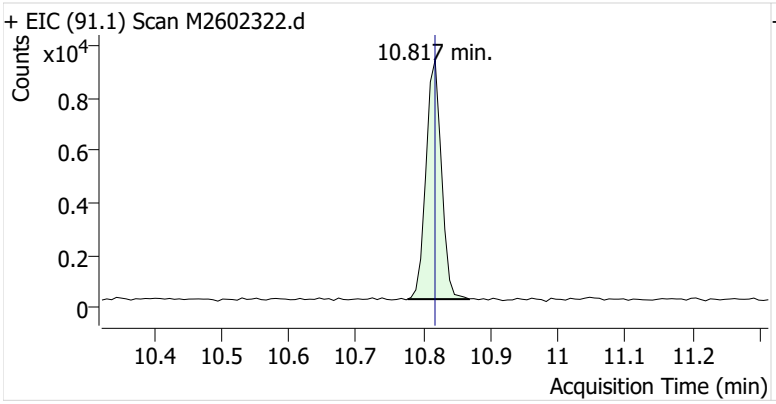


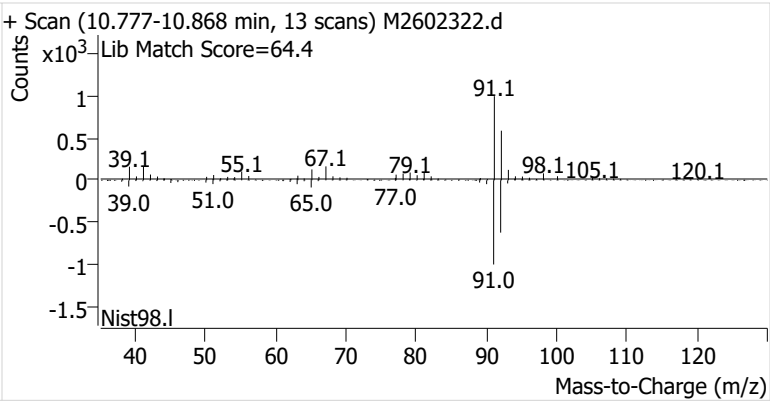
Toluene-d8 (IS)



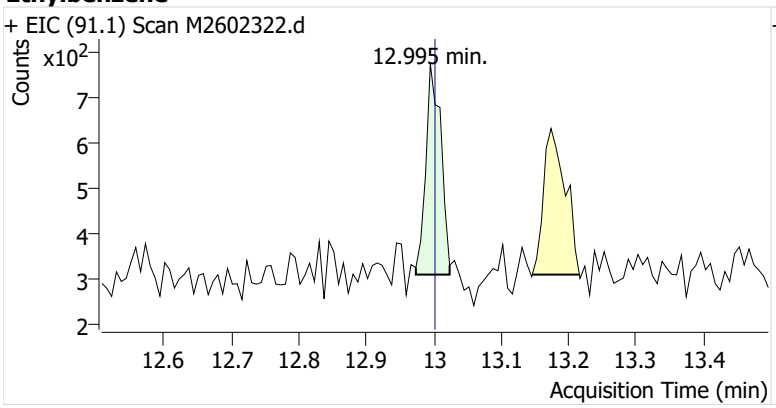


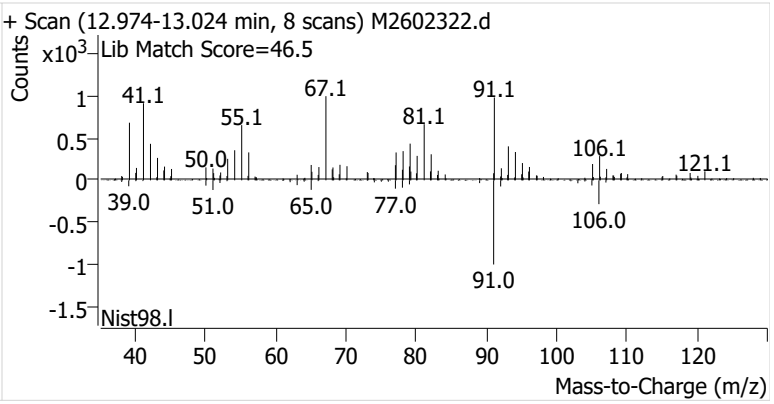
Toluene



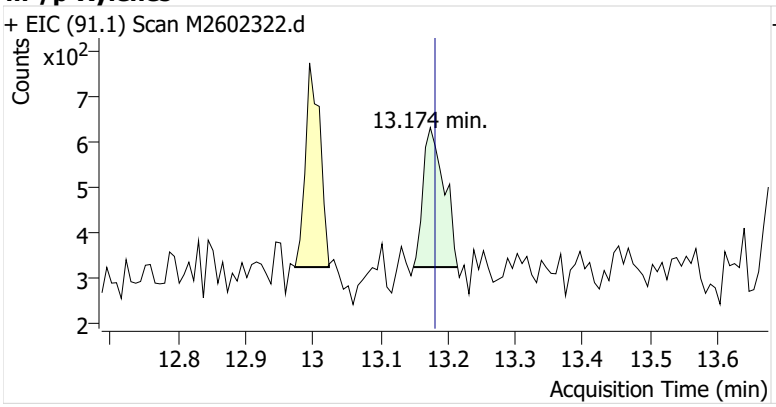


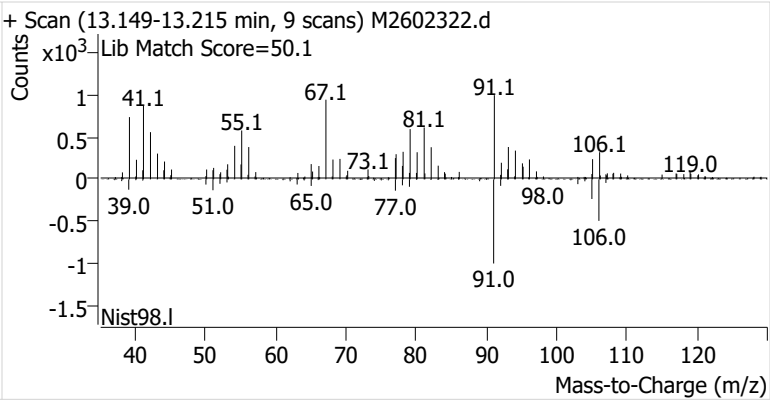
Ethylbenzene



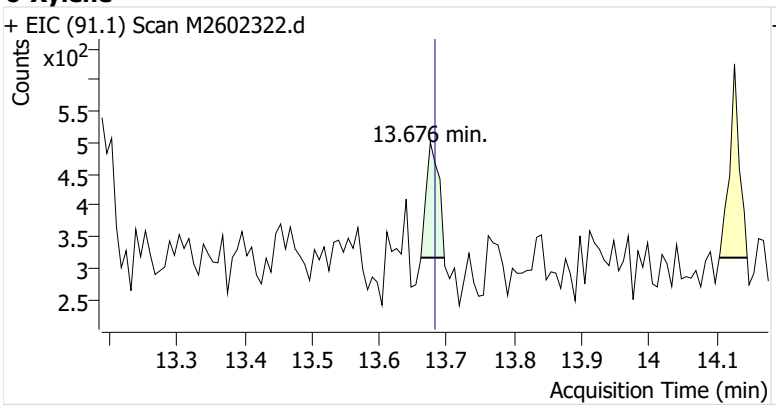


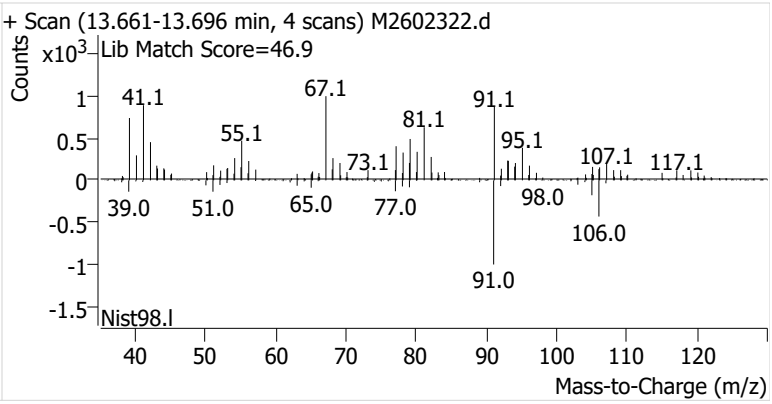
m-/p-Xylenes





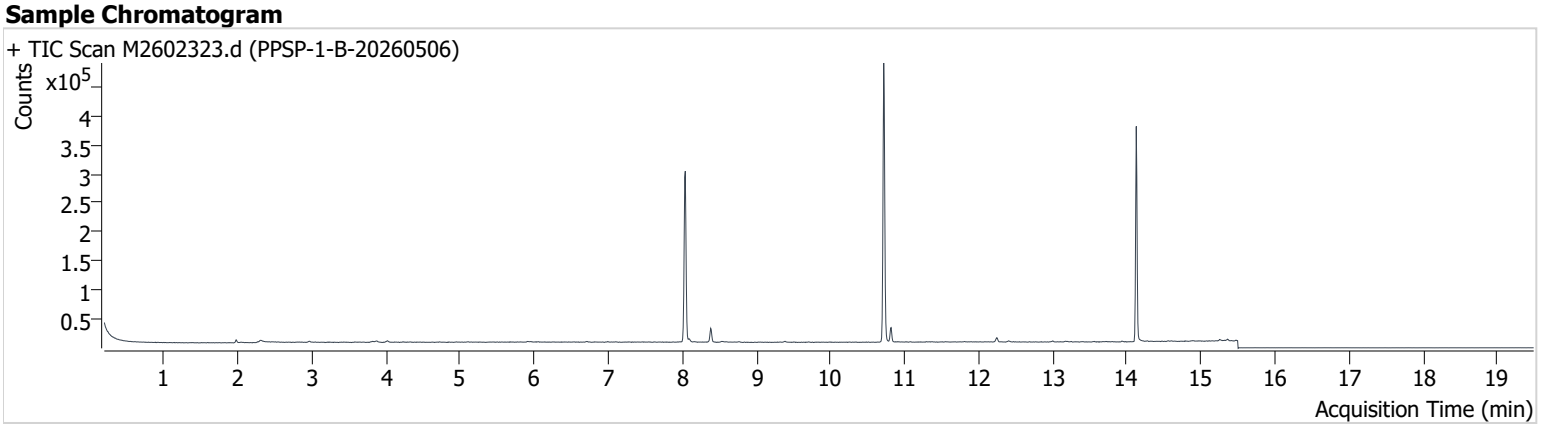
o-Xylene


+ EIC (91.1) Scan M2602322.d
Counts
x10^2
5.5
5
4.5
4
3.5
3
2.5
13.676 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.661-13.696 min, 4 scans) M2602322.d
Lib Match Score=46.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
73.1
81.1
91.1
95.1
107.1
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)

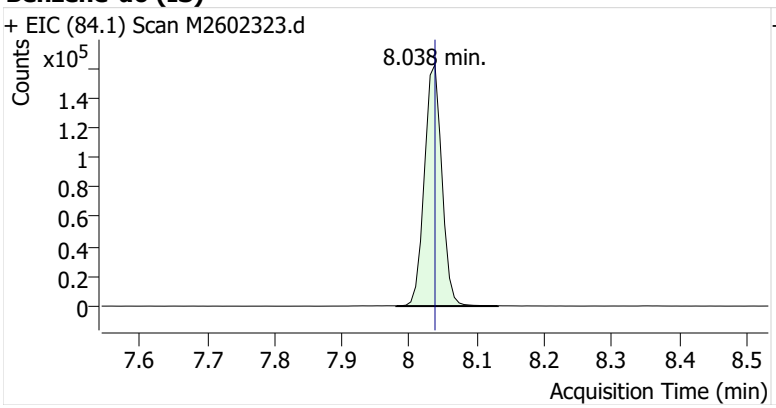
Name	PPSP-1-B-20260506
Comment	C39164
Data File	M2602323.d
Acq. Date-Time	5/27/2026 7:41:09 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

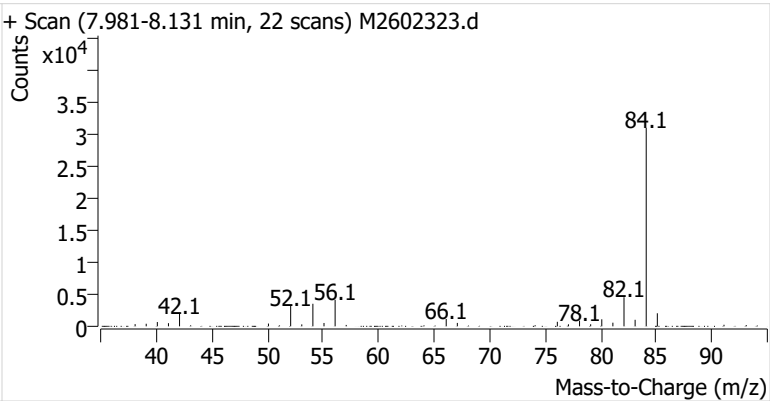
Sample Chromatogram



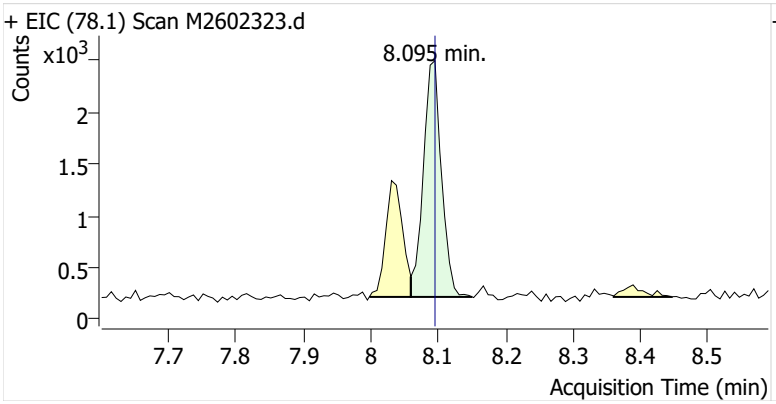
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	291,999	
Benzene	Benzene-d6 (IS)	8.095	8.095	4,260	
Toluene-d8 (IS)		10.717	10.724	312,286	
Toluene	Toluene-d8 (IS)	10.817	10.817	18,079	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	1,165	
m-/p-Xylenes	Toluene-d8 (IS)	13.167	13.181	932	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	312	

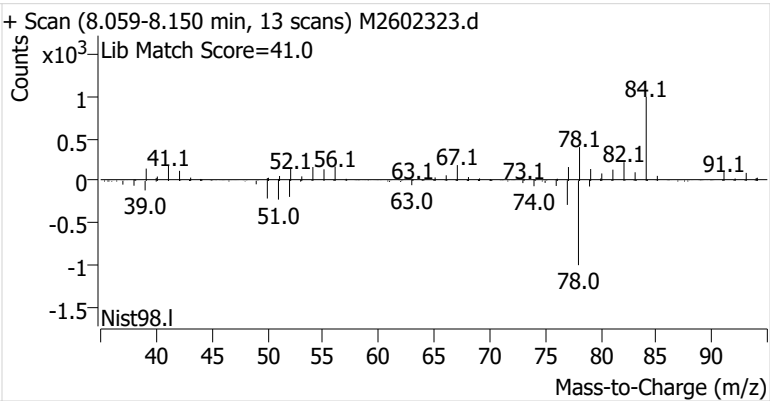
Benzene-d6 (IS)



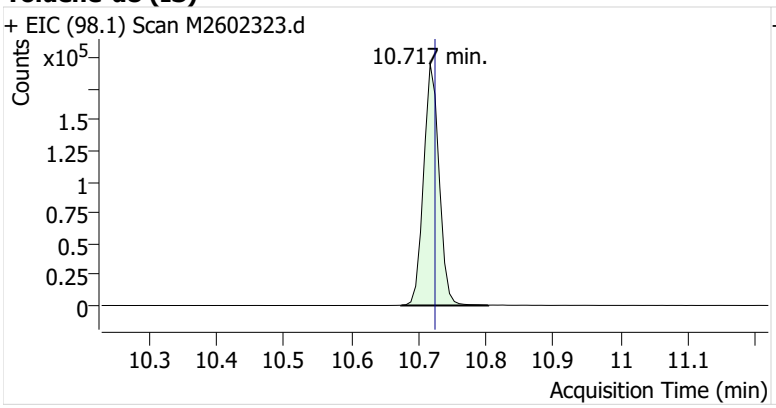


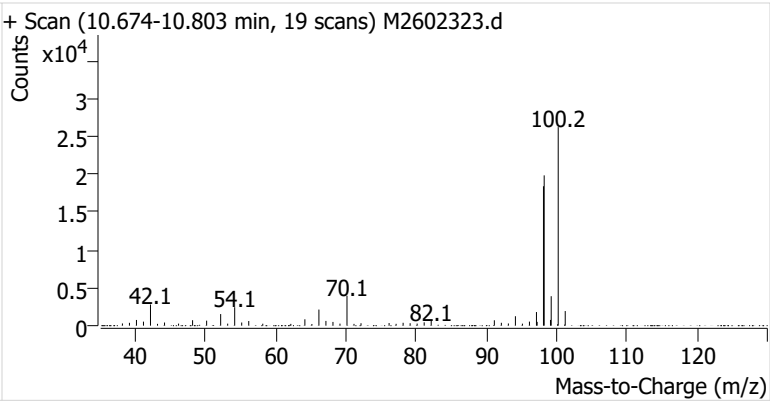
Benzene



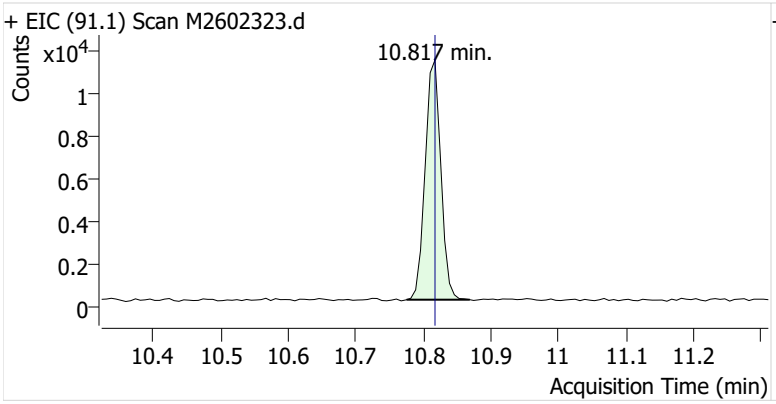


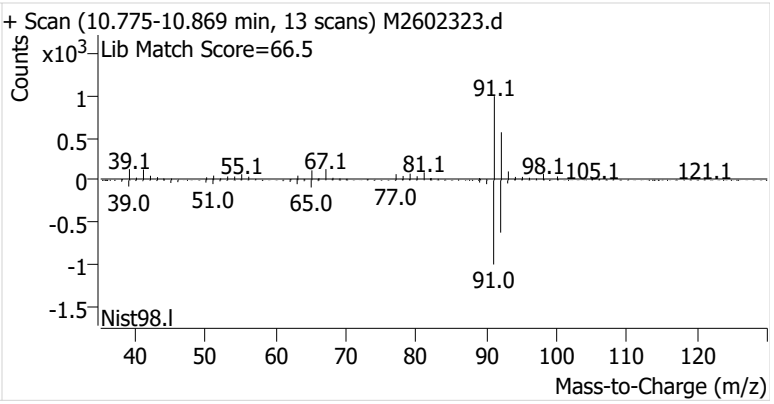
Toluene-d8 (IS)



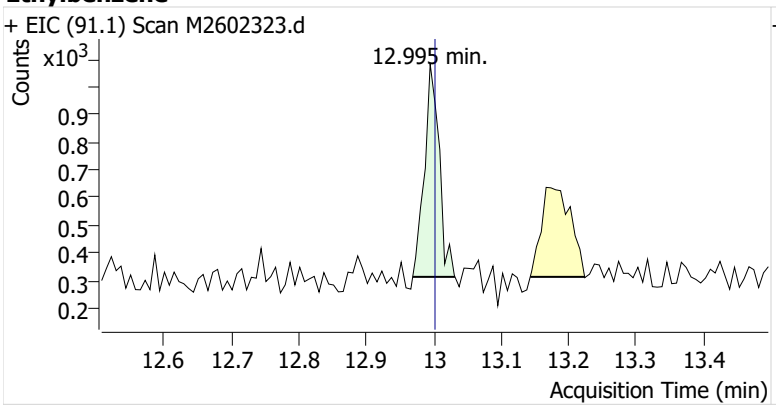


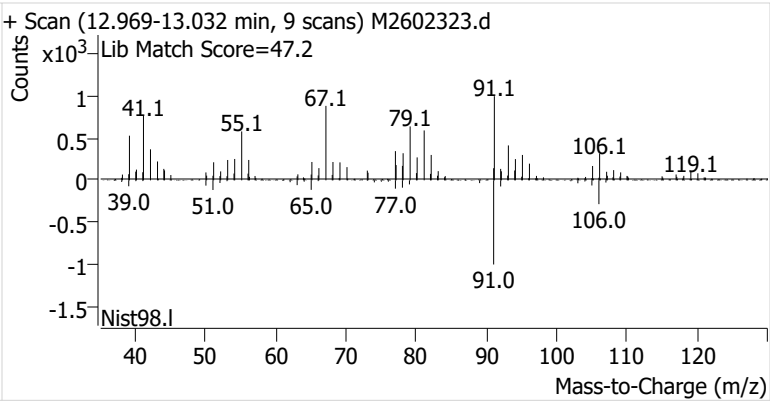
Toluene



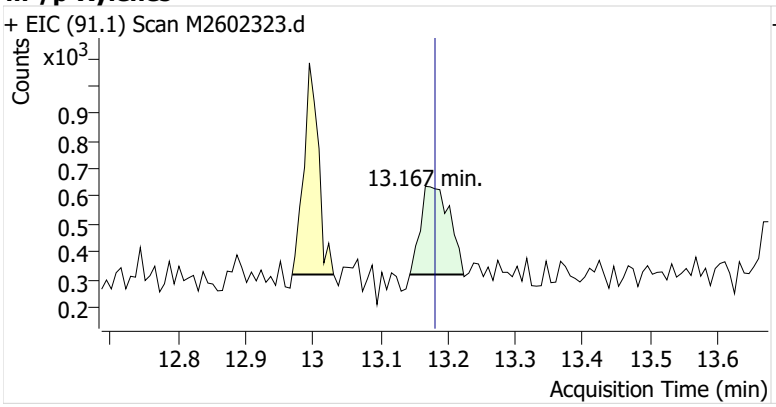


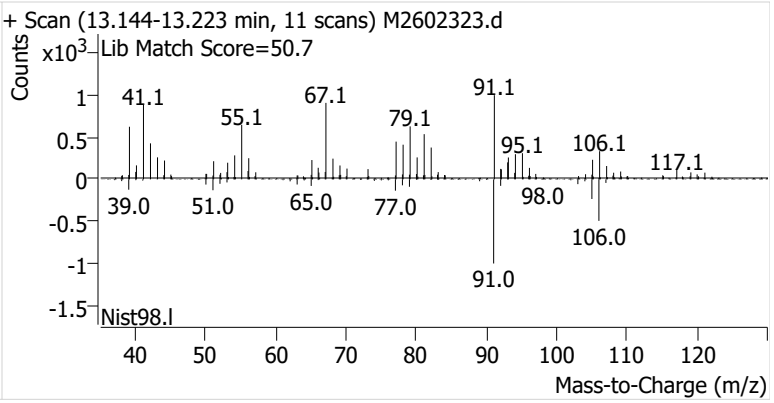
Ethylbenzene



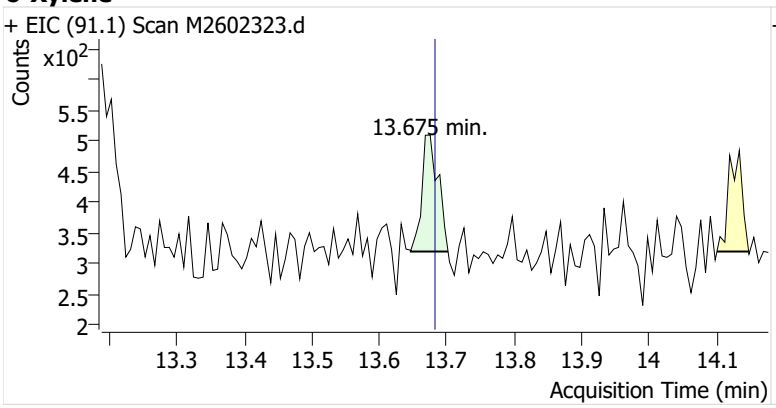


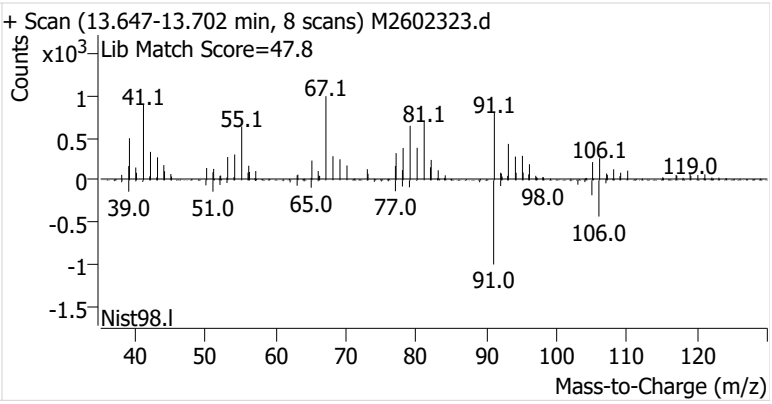
m-/p-Xylenes





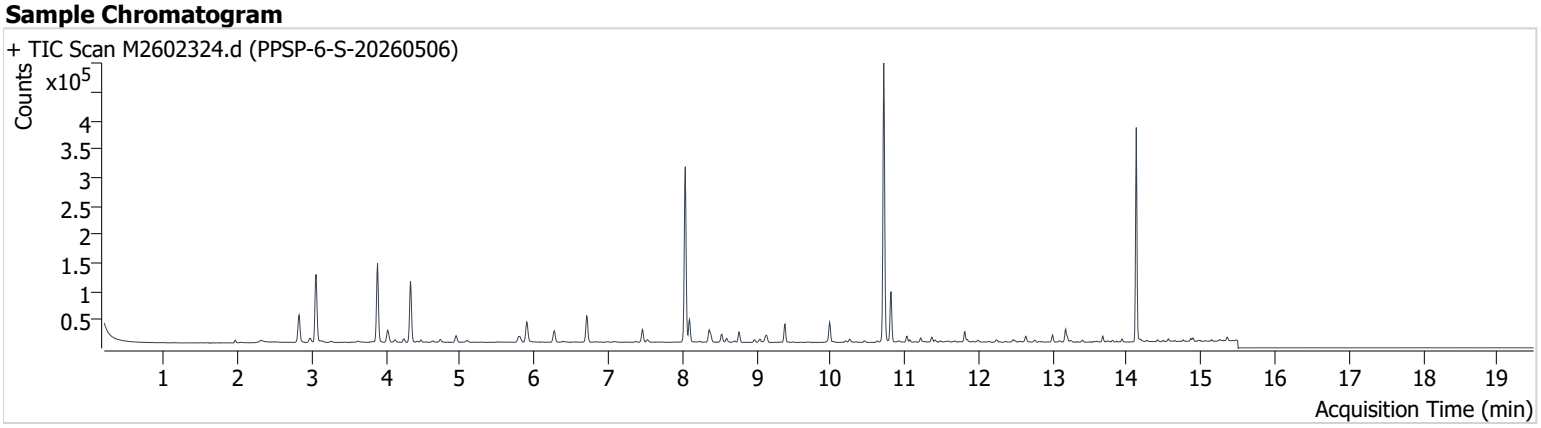
o-Xylene


+ EIC (91.1) Scan M2602323.d
Counts
x10^2
5.5
5
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 (13.647-13.702 min, 8 scans) M2602323.d
Counts
x10^3
Lib Match Score=47.8
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
81.1
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)

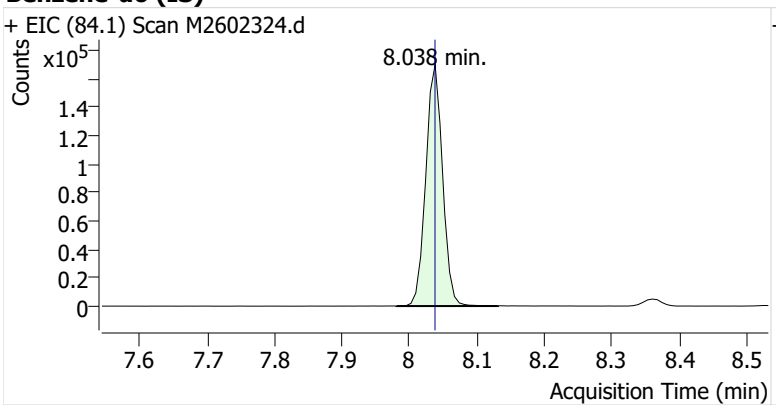
Name	PPSP-6-S-20260506
Comment	C40195
Data File	M2602324.d
Acq. Date-Time	5/27/2026 8:07:20 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

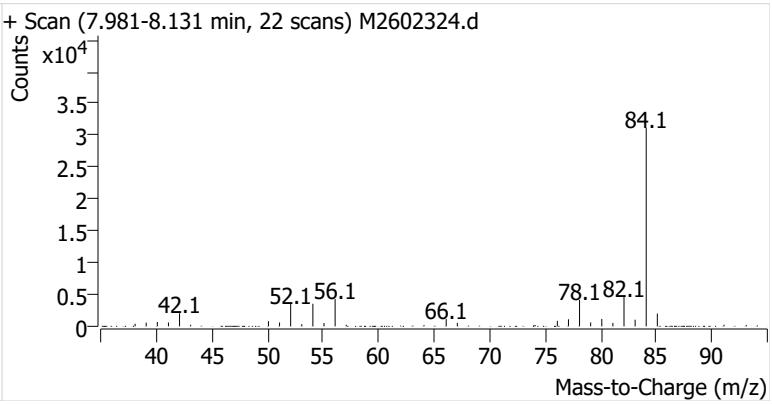
Sample Chromatogram



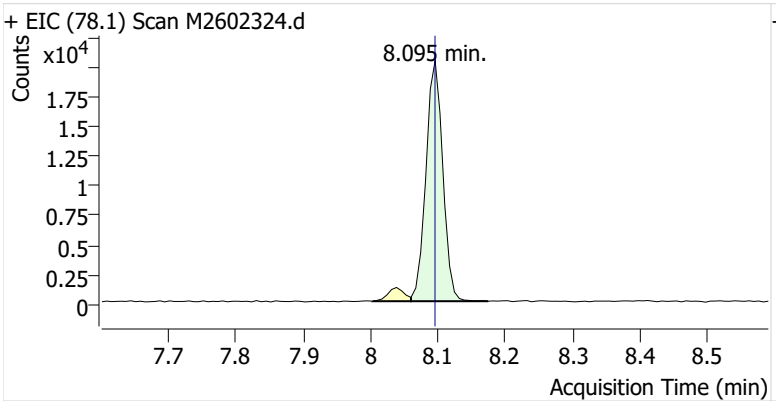
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	294,001	
Benzene	Benzene-d6 (IS)	8.095	8.095	35,404	
Toluene-d8 (IS)		10.717	10.724	316,958	
Toluene	Toluene-d8 (IS)	10.817	10.817	62,764	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	8,402	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	16,512	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	5,490	

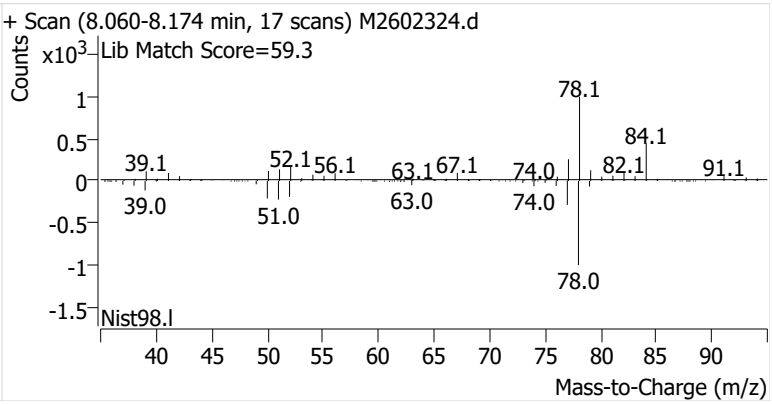
Benzene-d6 (IS)



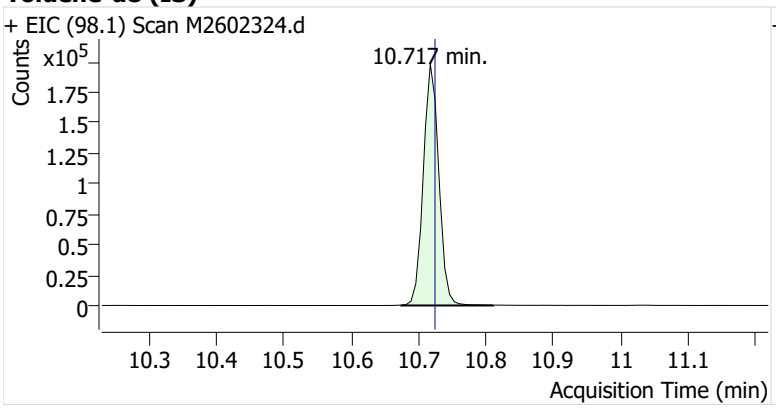


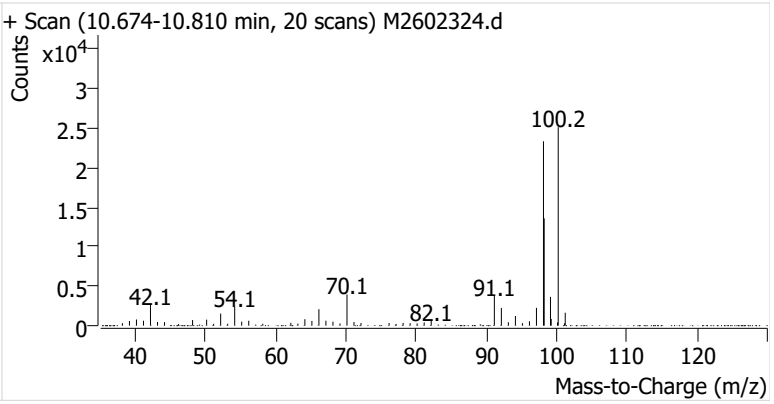
Benzene



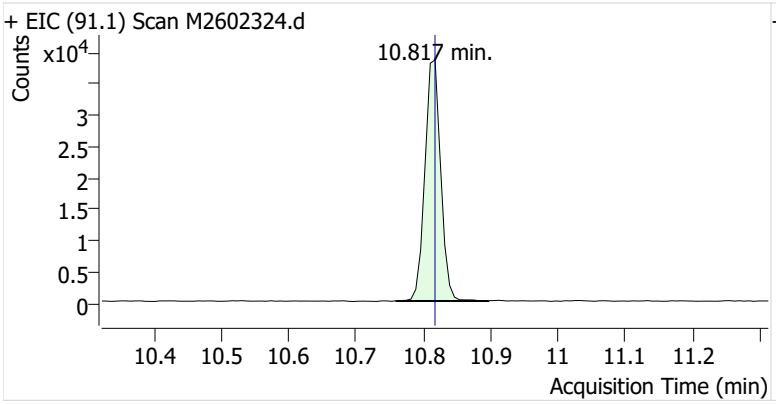


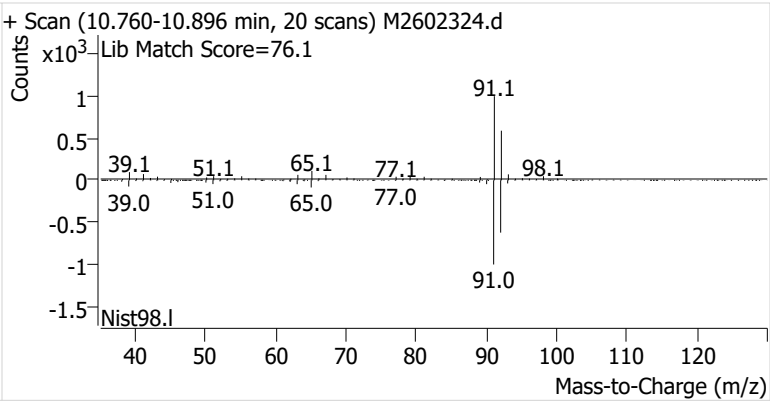
Toluene-d8 (IS)



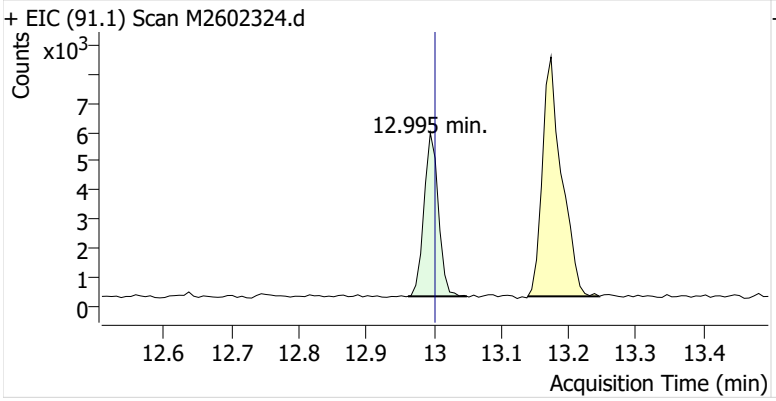


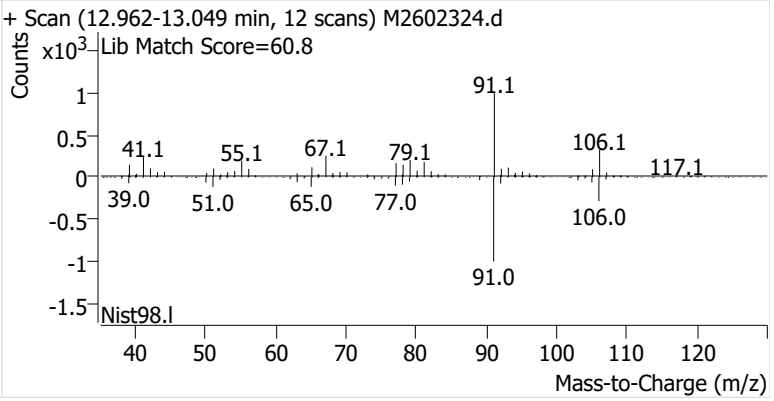
Toluene



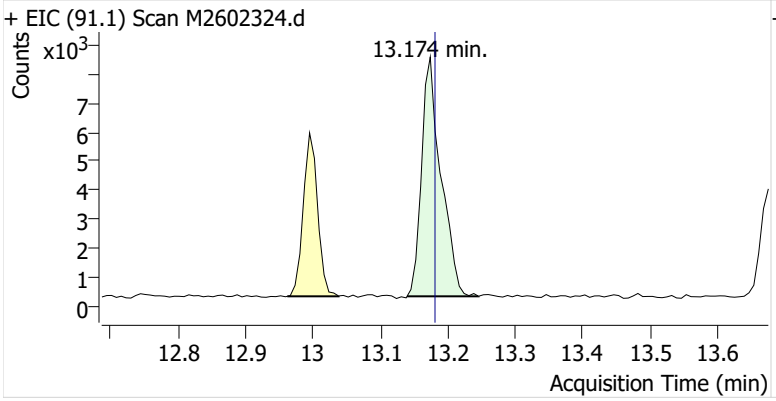


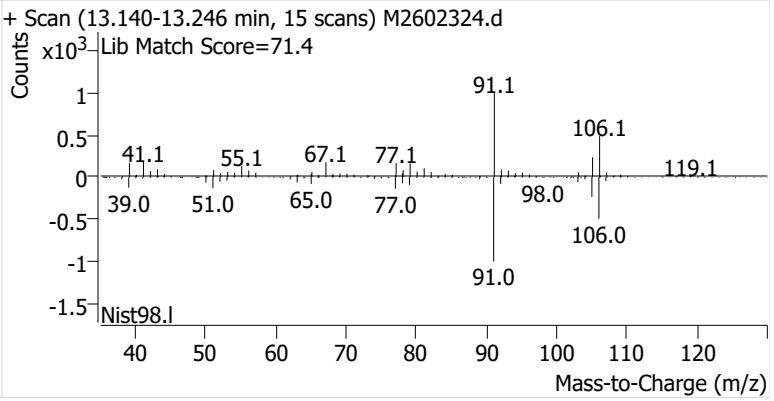
Ethylbenzene



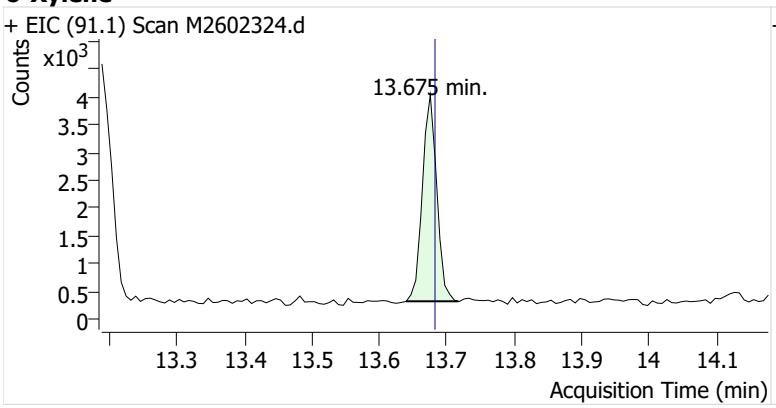


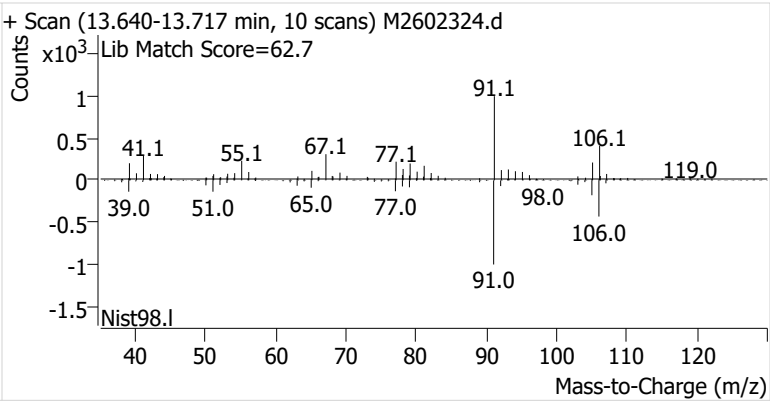
m-/p-Xylenes





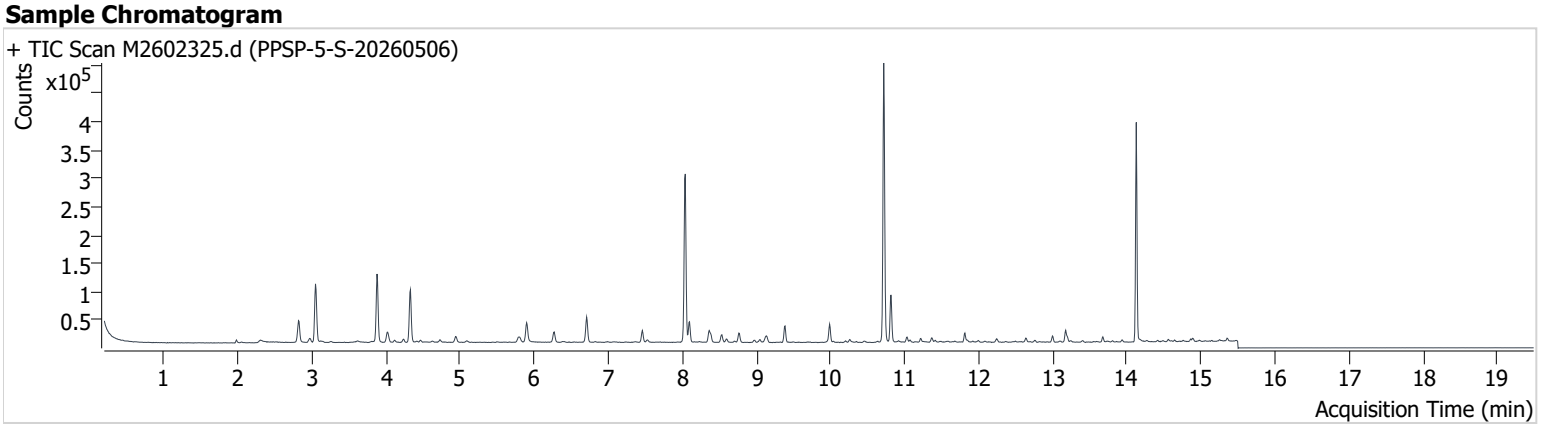
o-Xylene


+ EIC (91.1) Scan M2602324.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.640-13.717 min, 10 scans) M2602324.d
Lib Match Score=62.7
Counts
x10^3
91.1
41.1
55.1
67.1
77.1
106.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

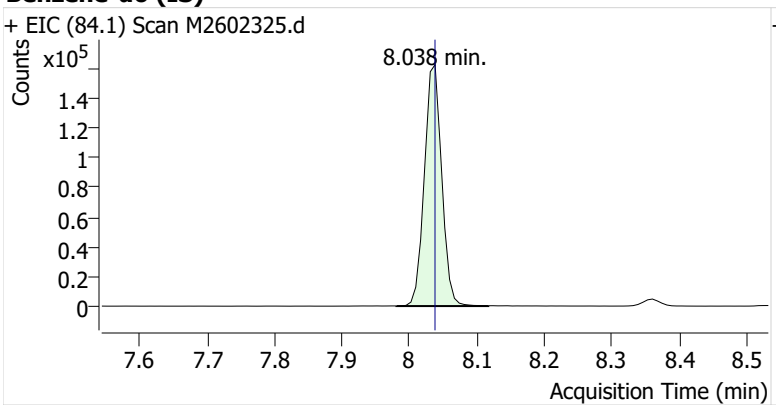
Name	PPSP-5-S-20260506
Comment	C40548
Data File	M2602325.d
Acq. Date-Time	5/27/2026 8:33:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

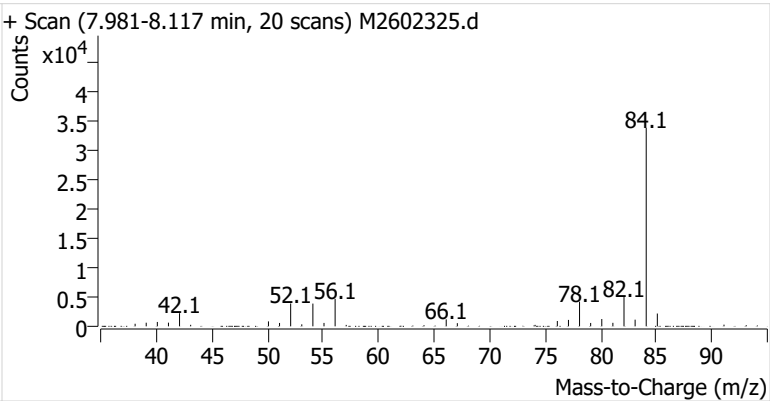
Sample Chromatogram



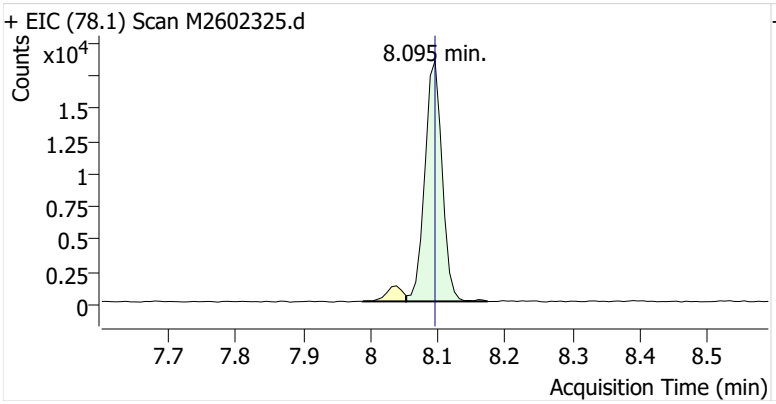
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,502	
Benzene	Benzene-d6 (IS)	8.095	8.095	33,027	
Toluene-d8 (IS)		10.717	10.724	317,922	
Toluene	Toluene-d8 (IS)	10.817	10.817	59,559	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	7,462	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	16,210	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	5,082	

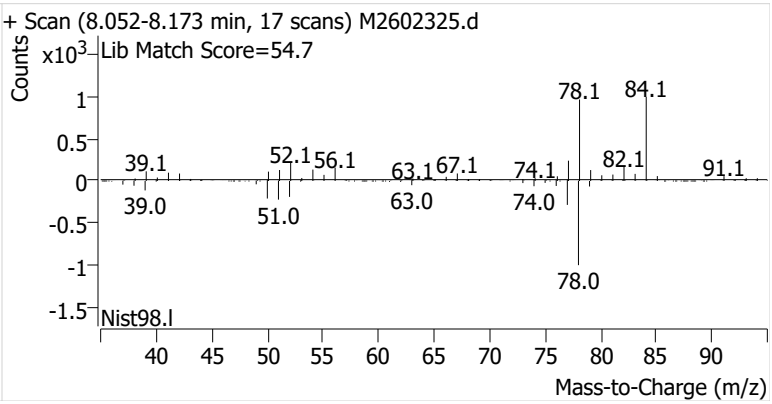
Benzene-d6 (IS)



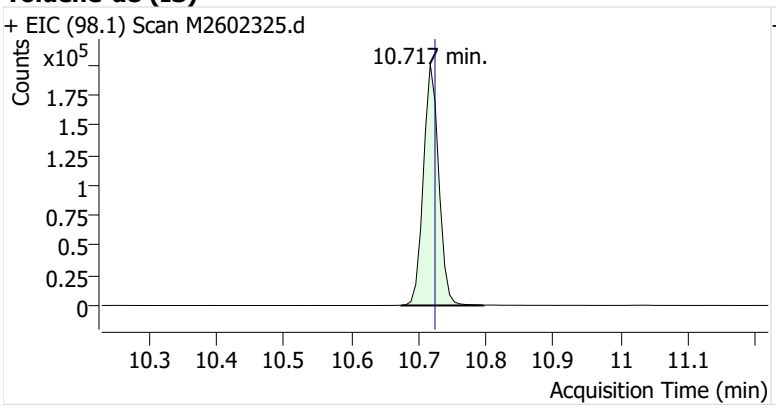


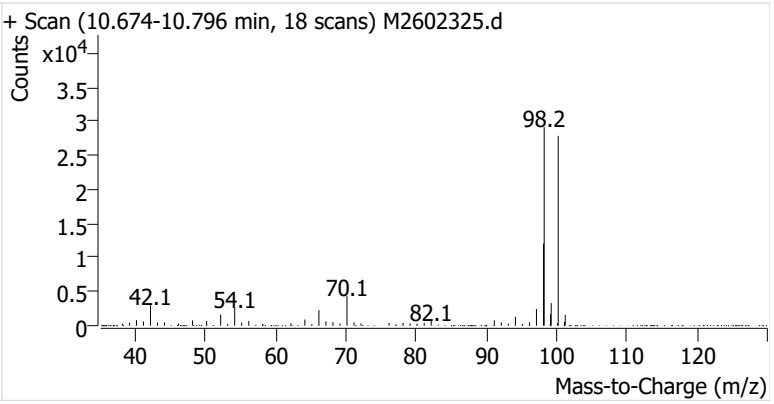
Benzene



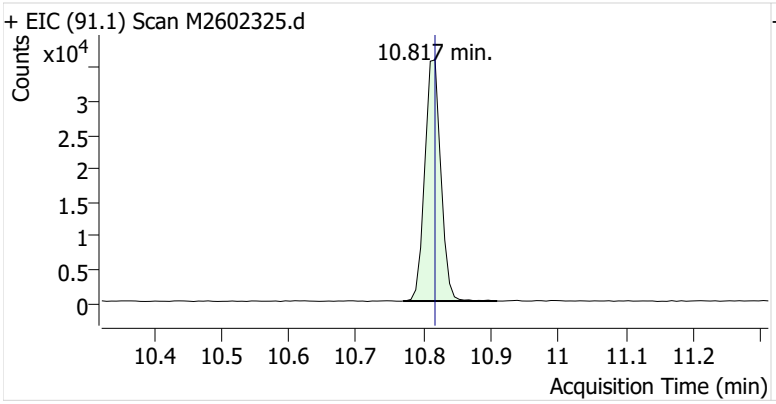


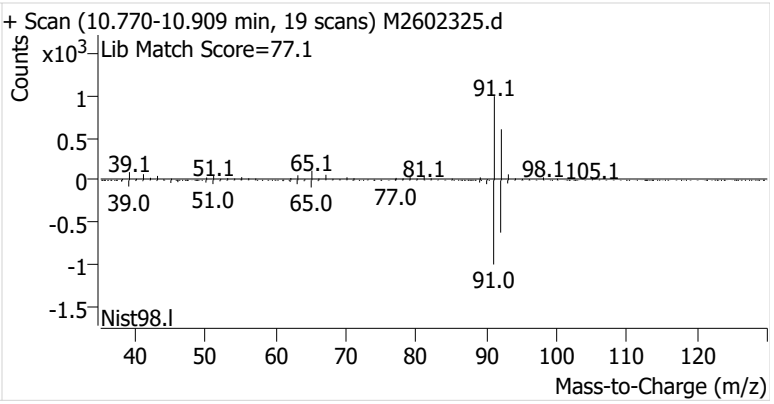
Toluene-d8 (IS)



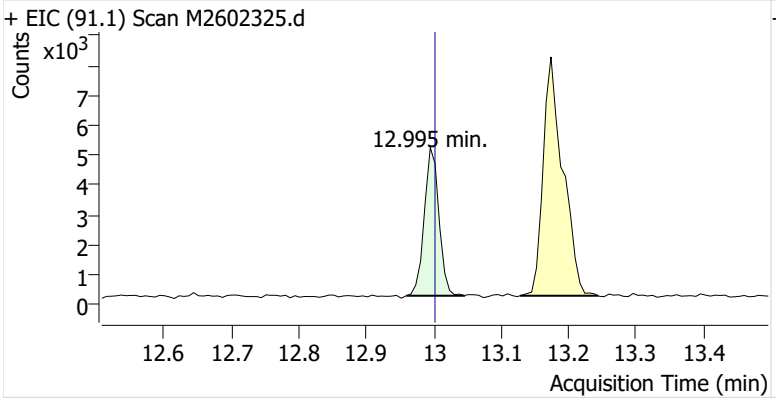


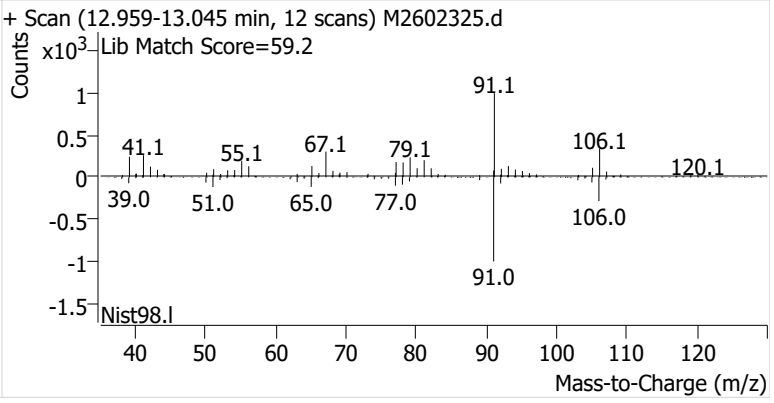
Toluene



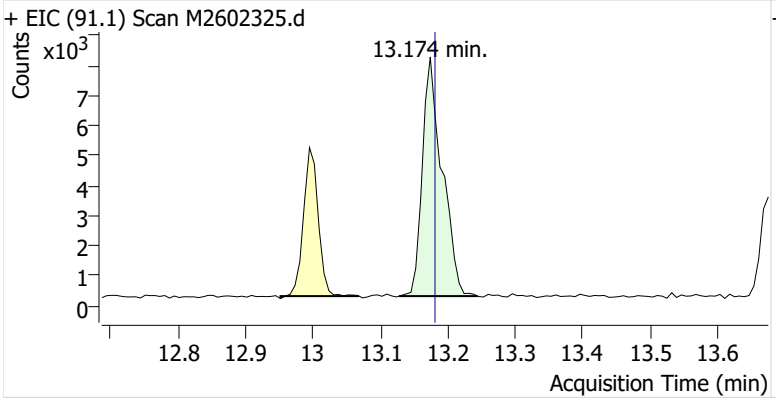


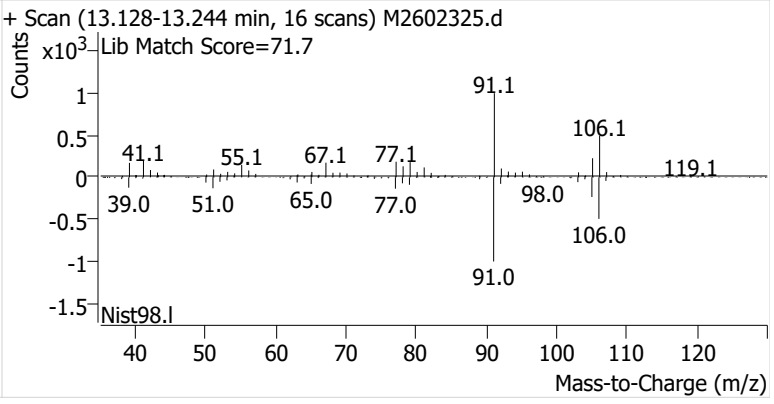
Ethylbenzene



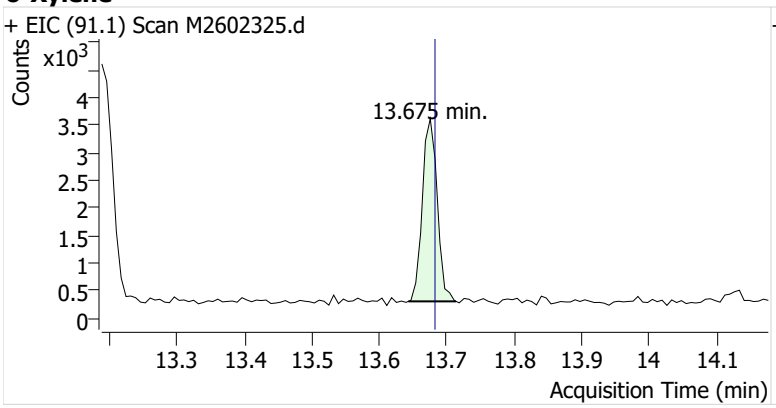


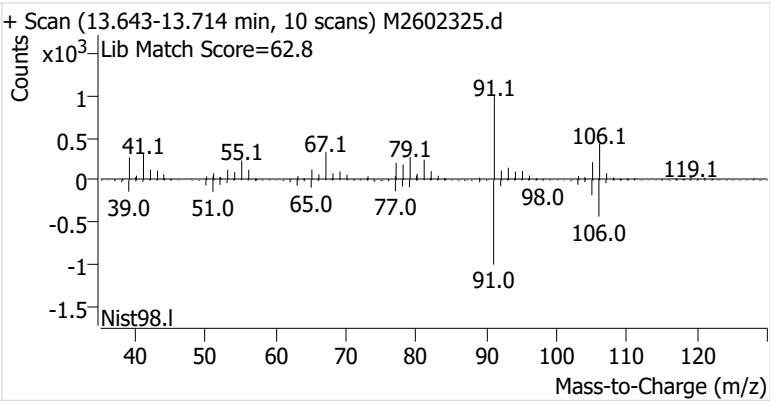
m-/p-Xylenes





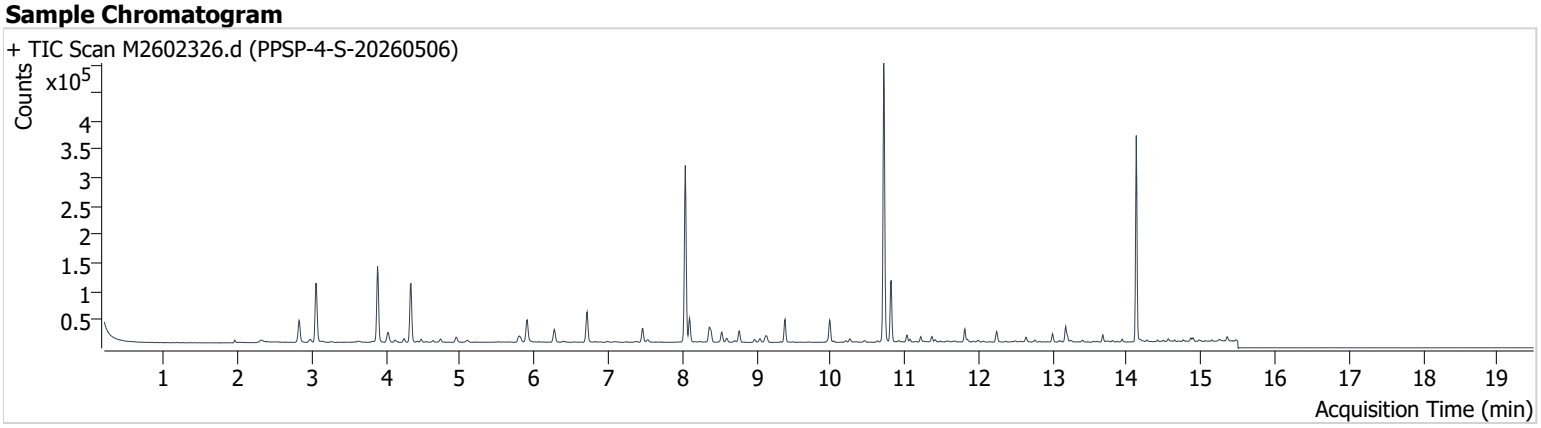
o-Xylene


+ EIC (91.1) Scan M2602325.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.643-13.714 min, 10 scans) M2602325.d
Lib Match Score=62.8
Counts
x10^3
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
Nist98.l
Mass-to-Charge (m/z)

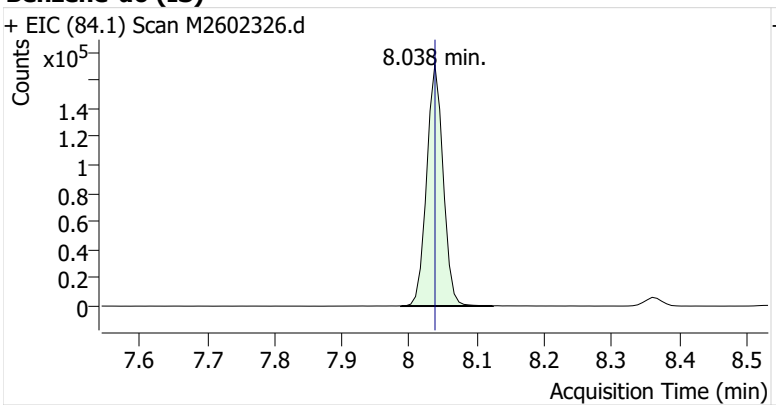
Name	PPSP-4-S-20260506
Comment	C36944
Data File	M2602326.d
Acq. Date-Time	5/27/2026 9:00:02 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

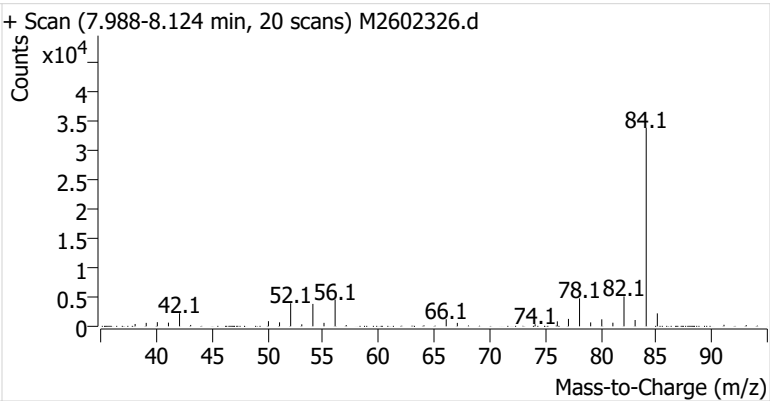
Sample Chromatogram



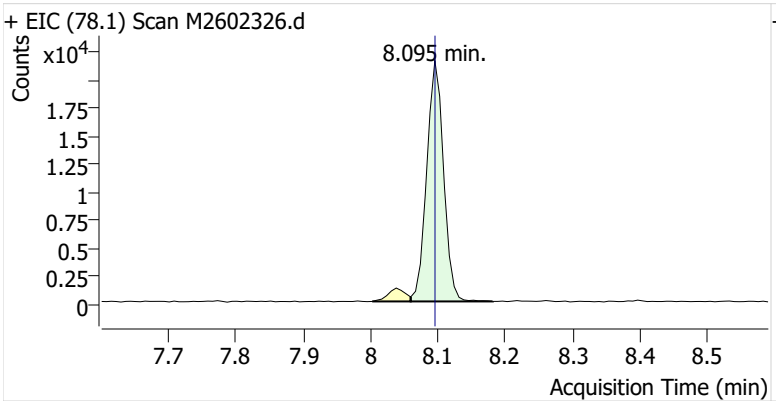
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,538	
Benzene	Benzene-d6 (IS)	8.095	8.095	37,411	
Toluene-d8 (IS)		10.717	10.724	318,162	
Toluene	Toluene-d8 (IS)	10.817	10.817	76,155	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	9,552	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	20,319	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	6,835	

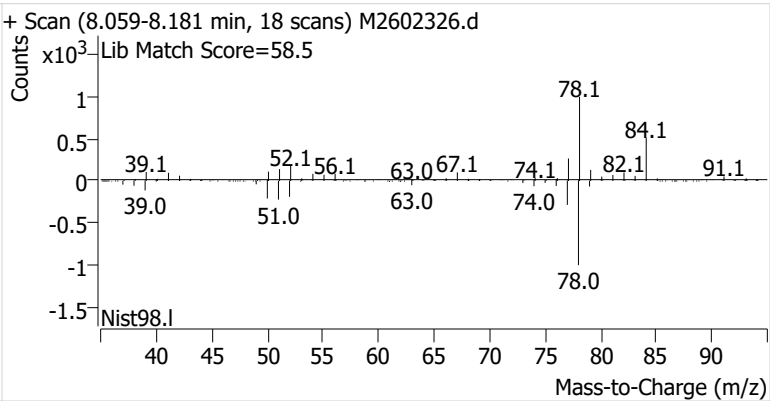
Benzene-d6 (IS)



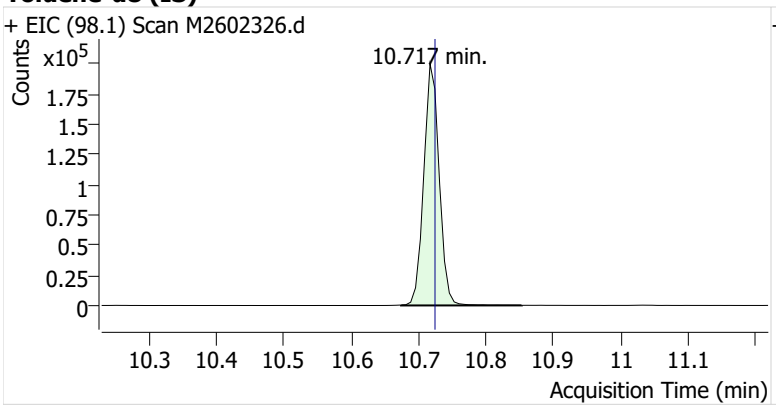


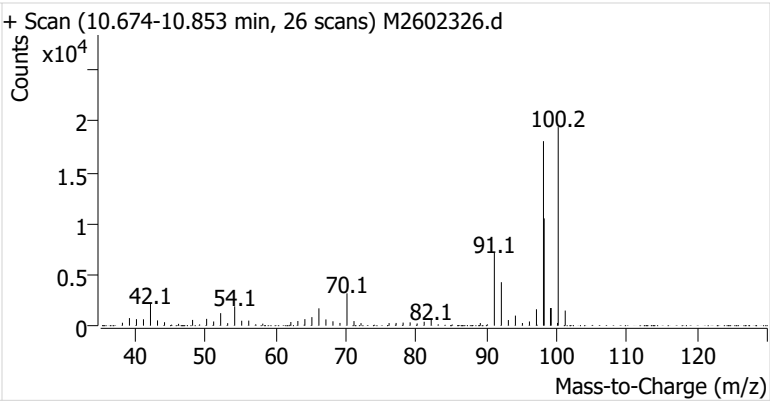
Benzene



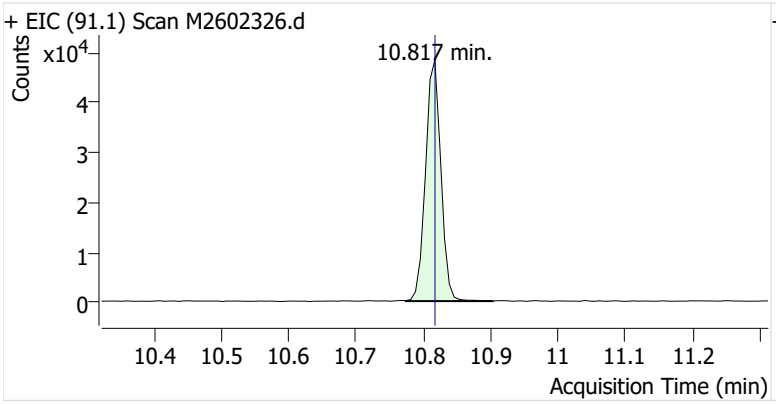


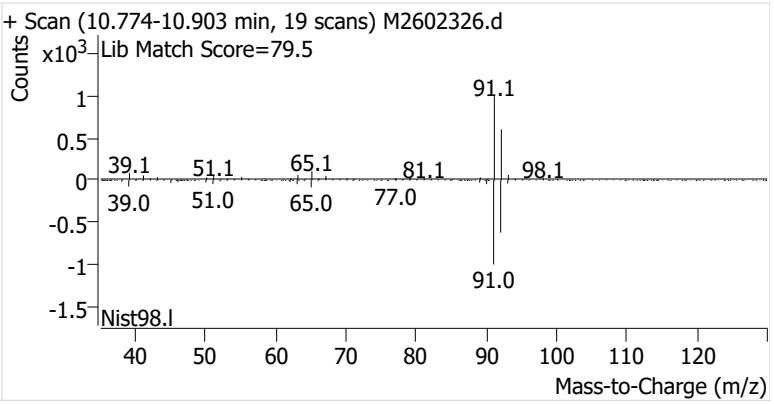
Toluene-d8 (IS)



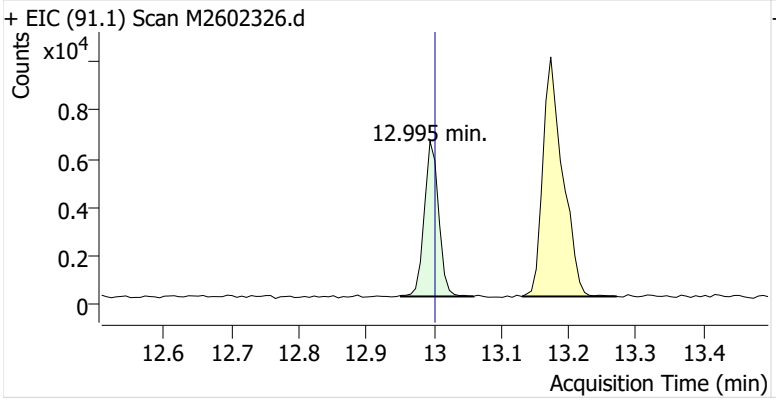


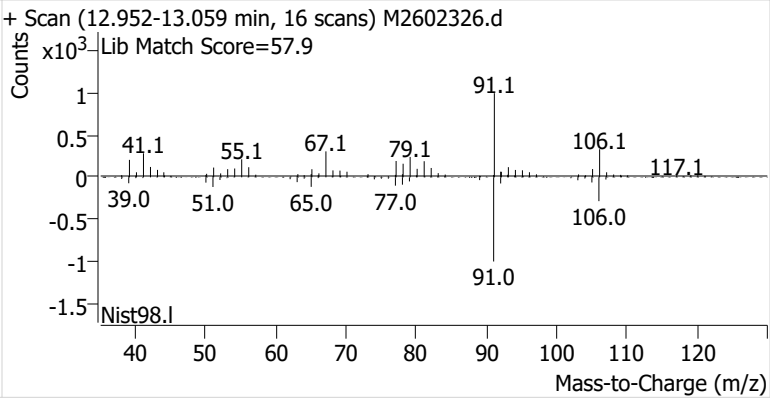
Toluene



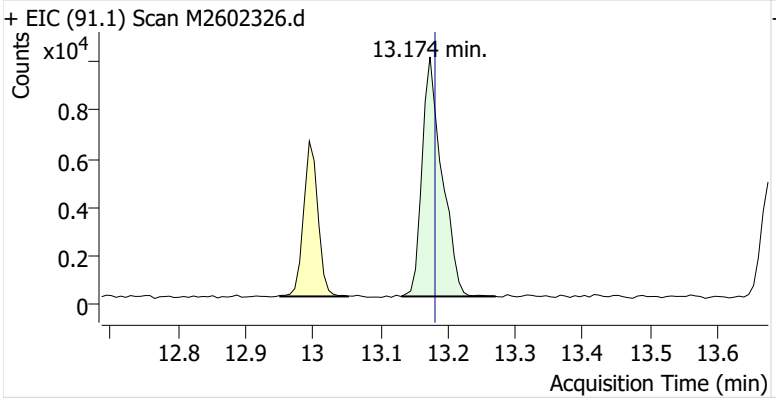


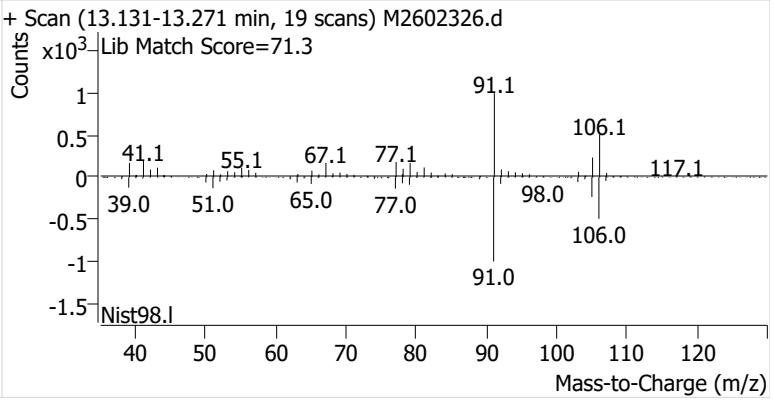
Ethylbenzene



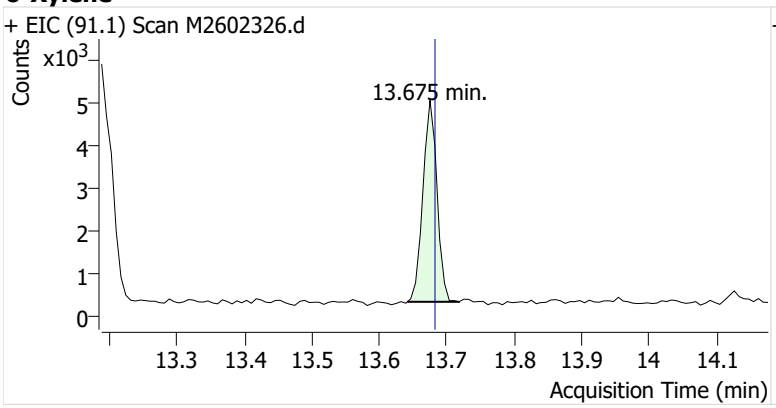


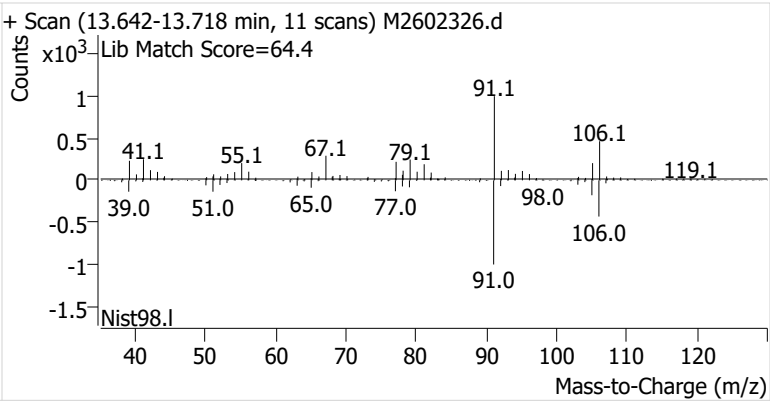
m-/p-Xylenes





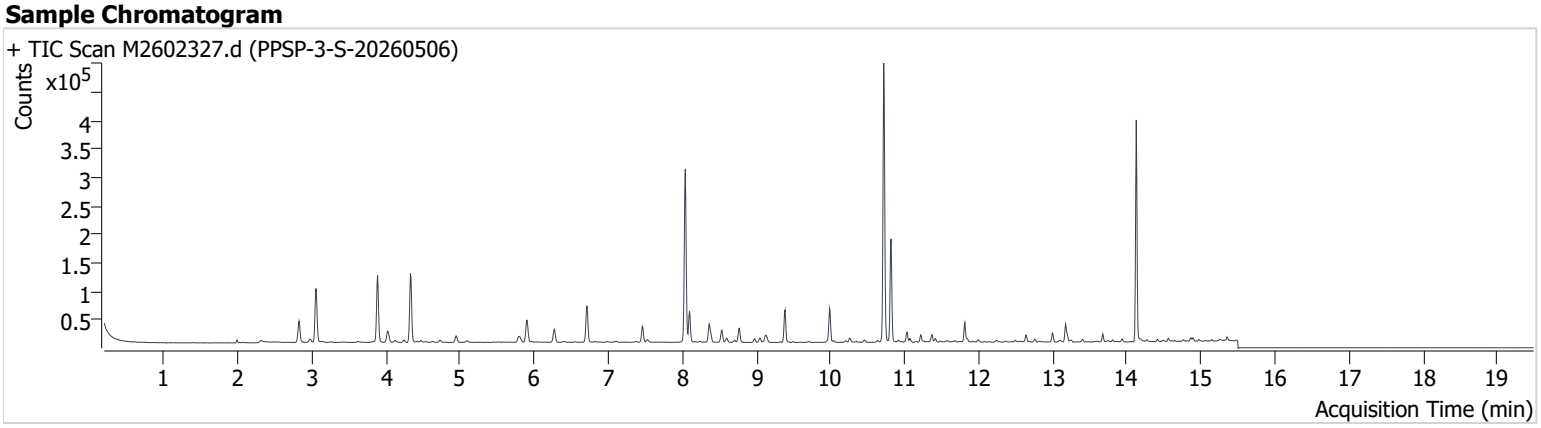
o-Xylene


+ EIC (91.1) Scan M2602326.d
Counts
x10^3
5
4
3
2
1
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.718 min, 11 scans) M2602326.d
Lib Match Score=64.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
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
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

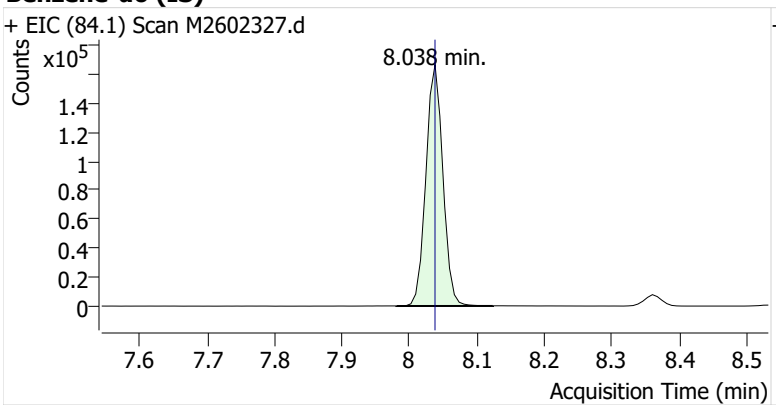
Name	PPSP-3-S-20260506
Comment	C24168
Data File	M2602327.d
Acq. Date-Time	5/27/2026 9:26:27 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

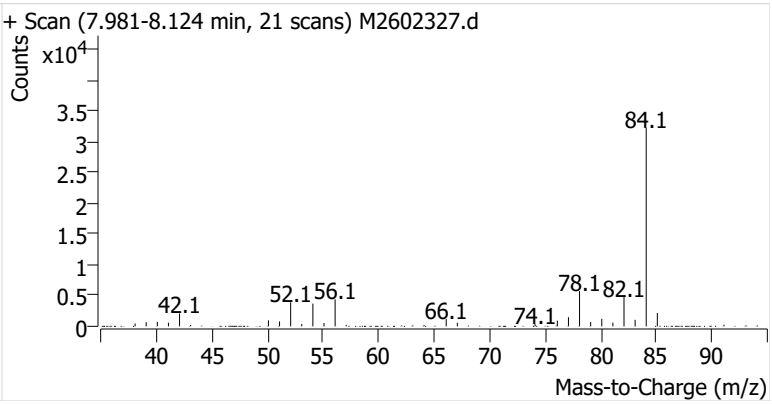
Sample Chromatogram



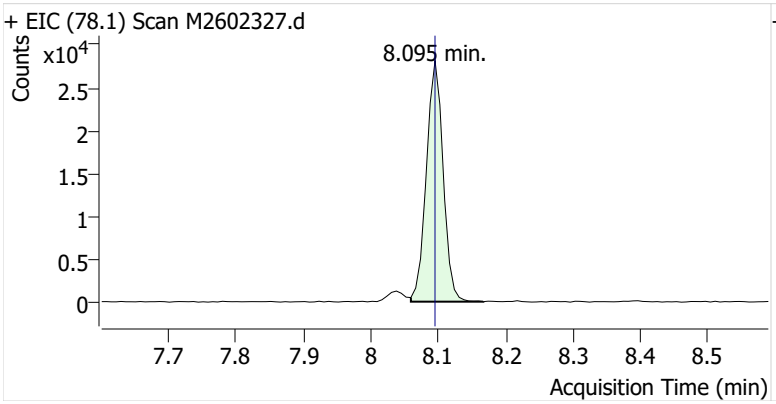
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,402	
Benzene	Benzene-d6 (IS)	8.095	8.095	48,298	
Toluene-d8 (IS)		10.717	10.724	317,861	
Toluene	Toluene-d8 (IS)	10.817	10.817	130,778	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	10,954	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	22,055	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	7,492	

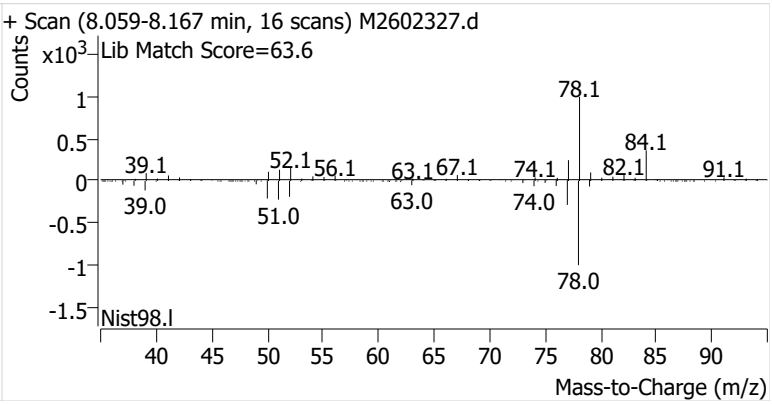
Benzene-d6 (IS)



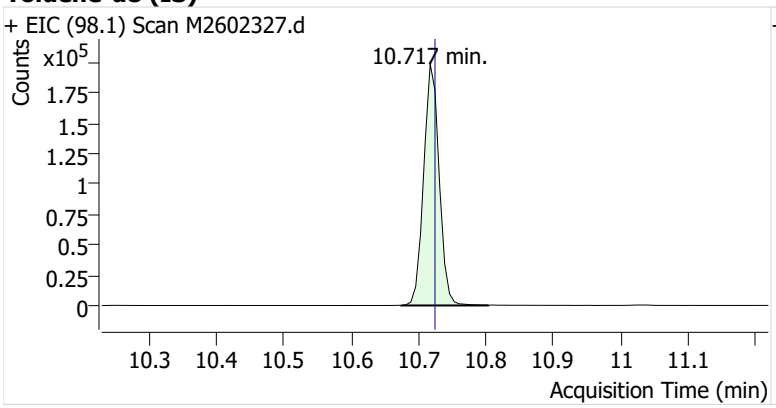


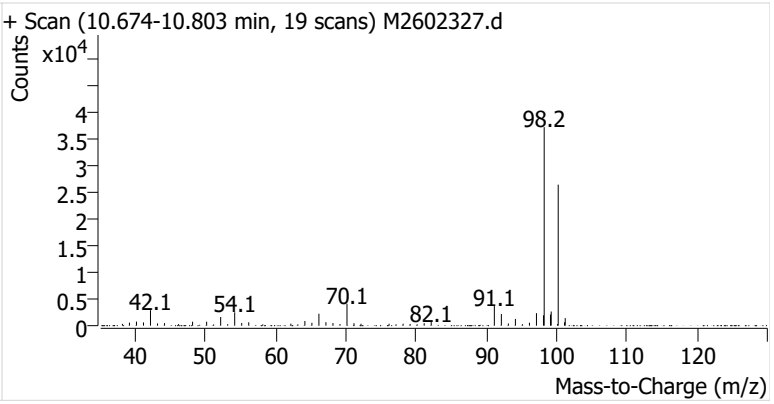
Benzene



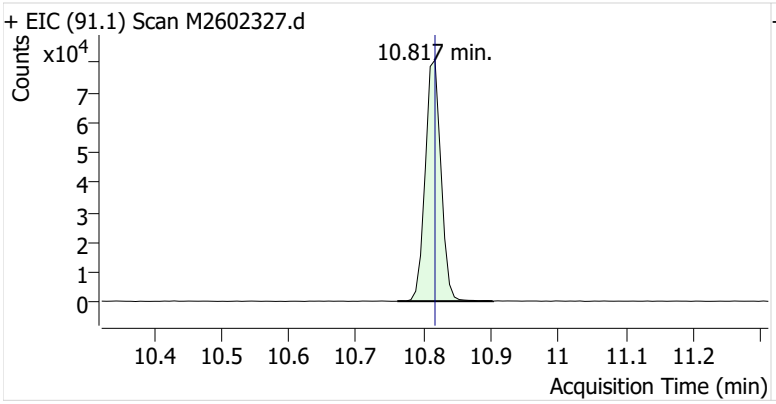


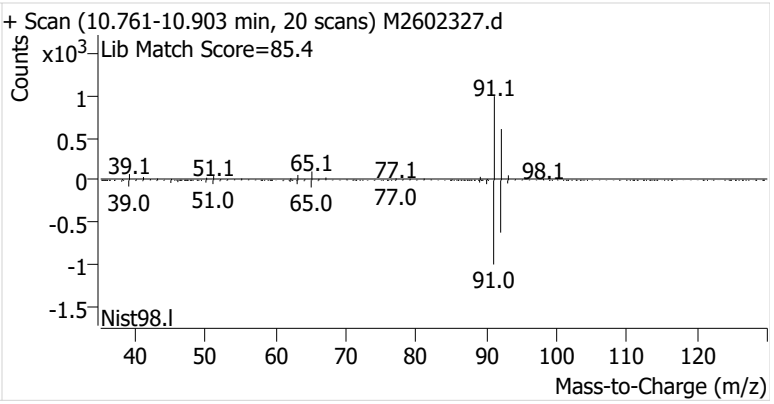
Toluene-d8 (IS)



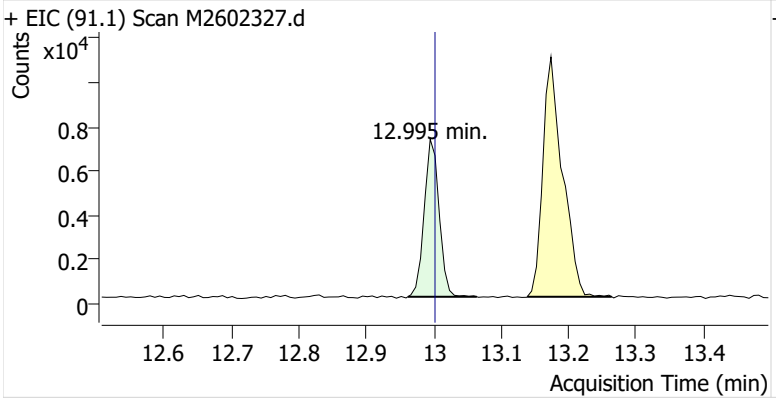


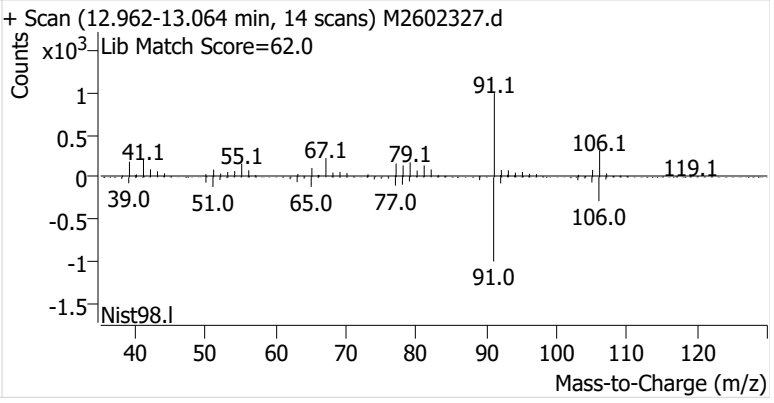
Toluene



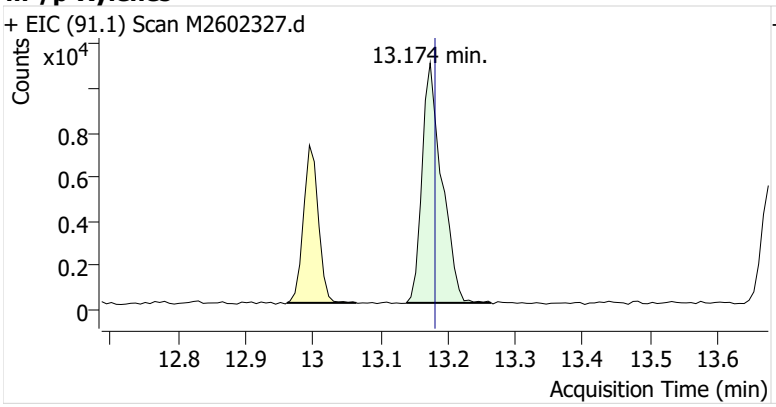


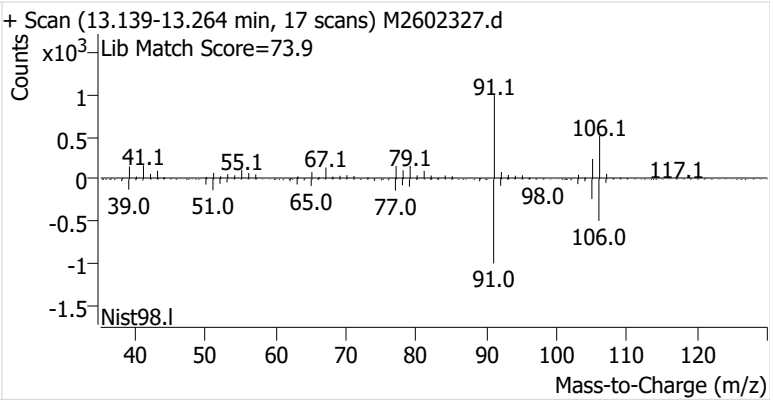
Ethylbenzene



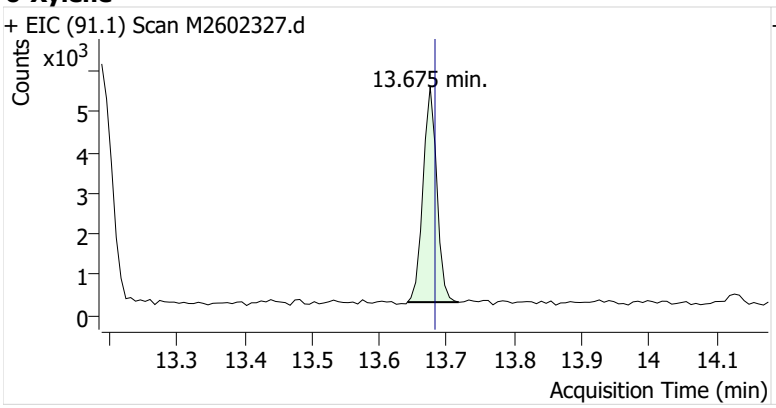


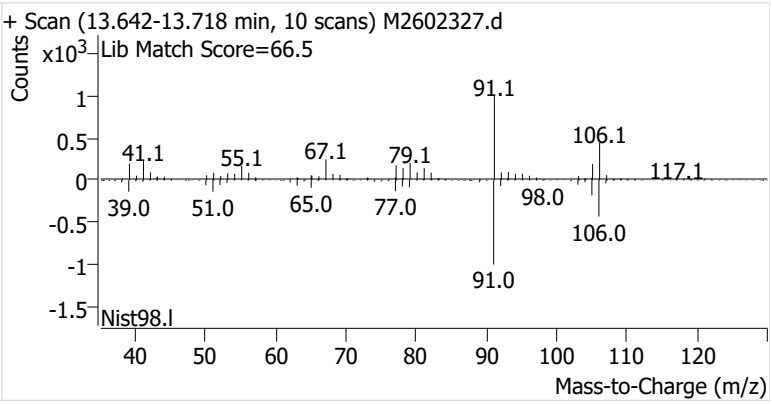
m-/p-Xylenes





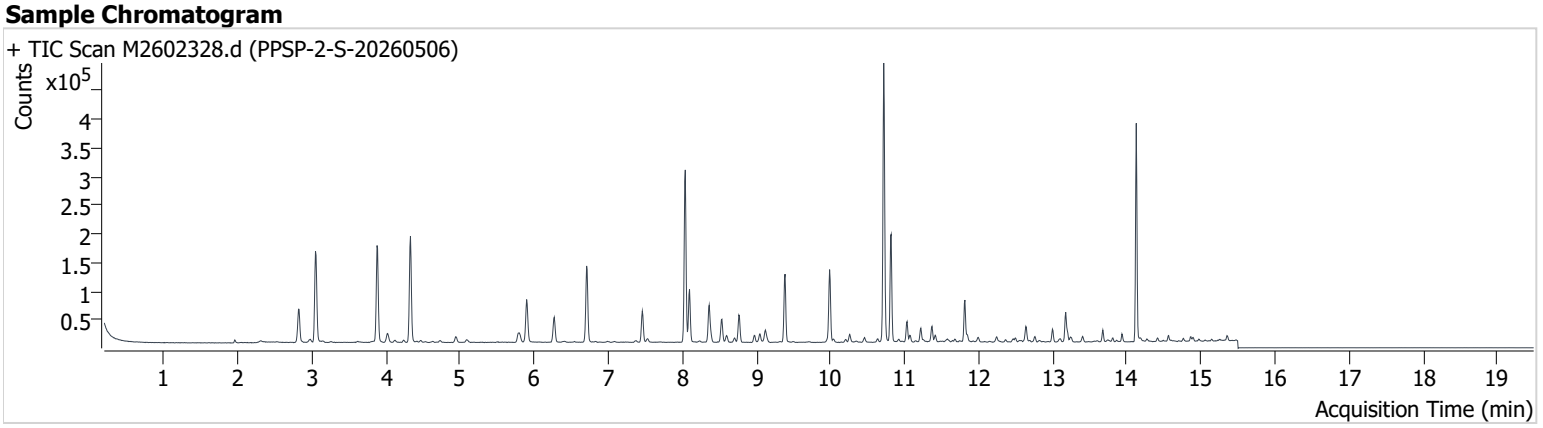
o-Xylene


+ EIC (91.1) Scan M2602327.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.642-13.718 min, 10 scans) M2602327.d
Lib Match Score=66.5
Counts
x10^3
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
Mass-to-Charge (m/z)

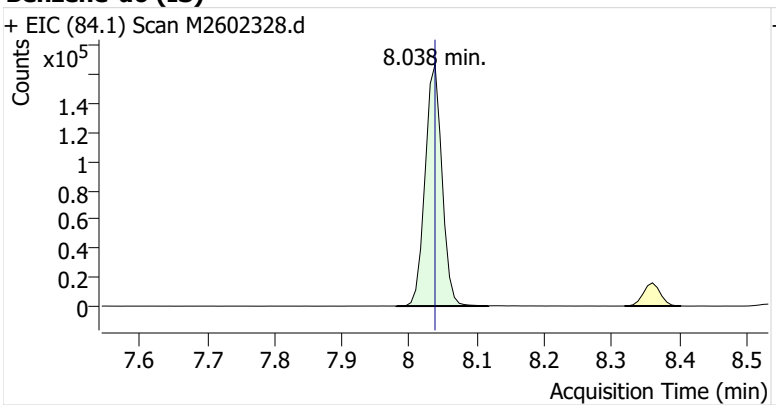
Name	PPSP-2-S-20260506
Comment	C01771
Data File	M2602328.d
Acq. Date-Time	5/27/2026 9:52:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

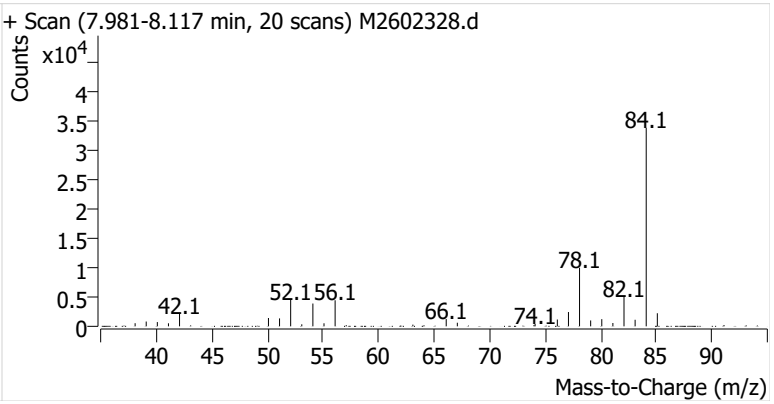
Sample Chromatogram



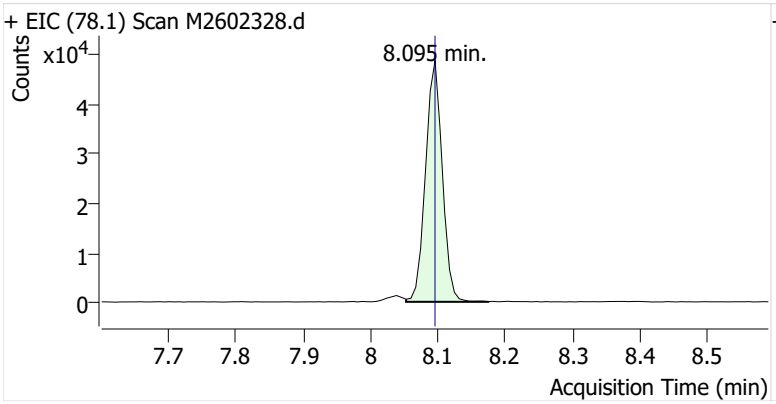
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	289,938	
Benzene	Benzene-d6 (IS)	8.095	8.095	83,500	
Toluene-d8 (IS)		10.717	10.724	317,002	
Toluene	Toluene-d8 (IS)	10.817	10.817	139,568	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	14,944	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	36,269	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	11,254	

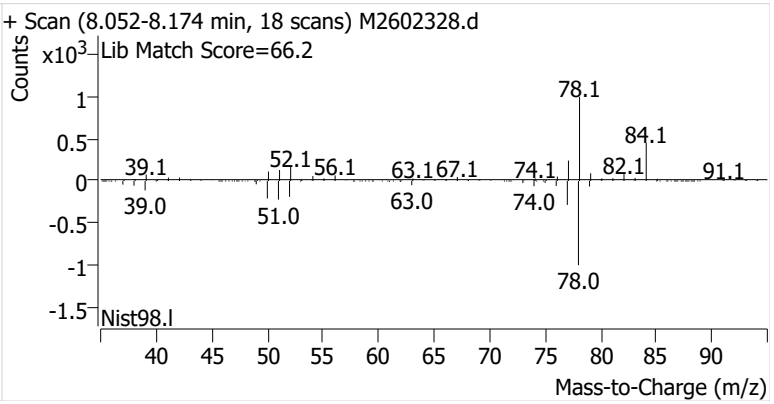
Benzene-d6 (IS)



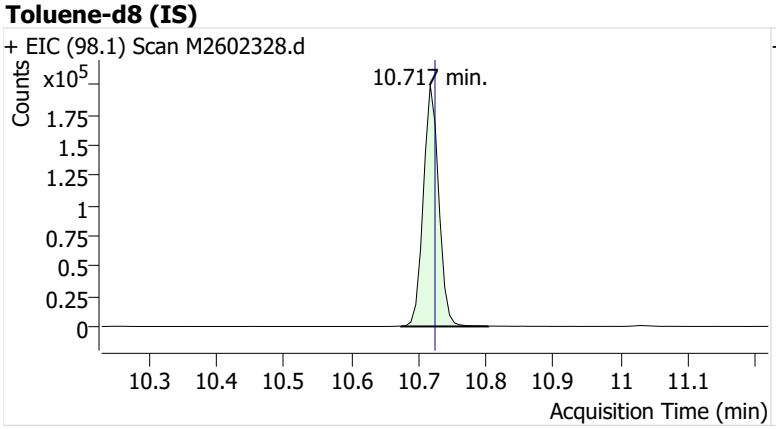


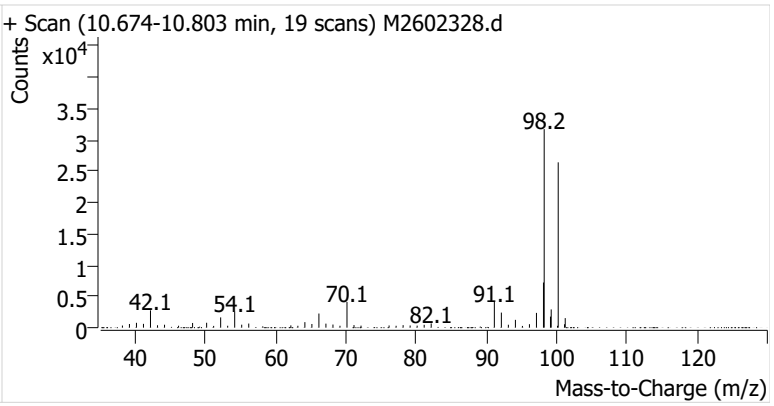
Benzene



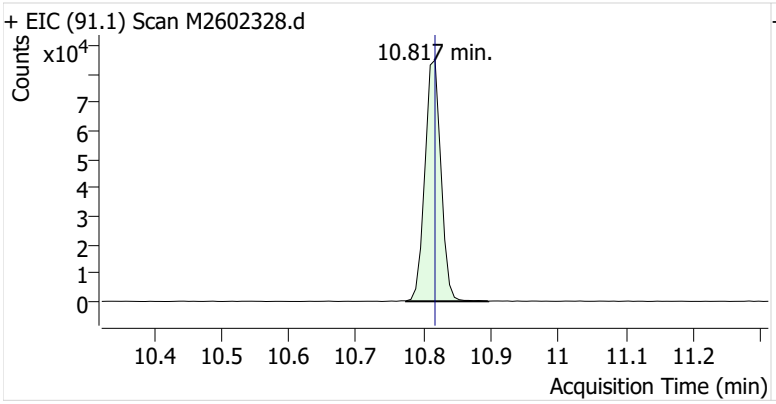


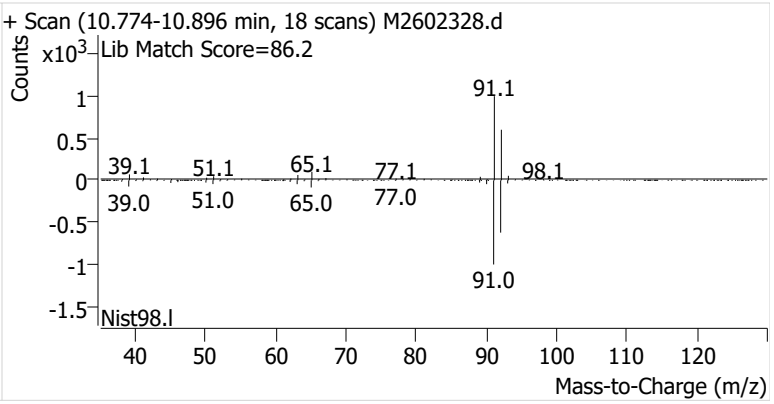
Toluene-d8 (IS)



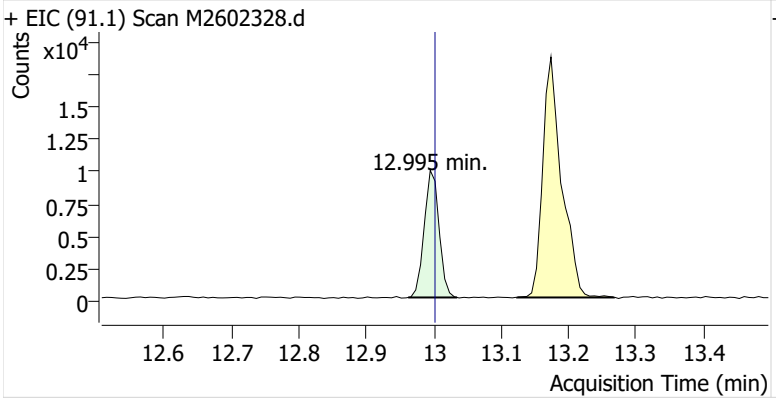


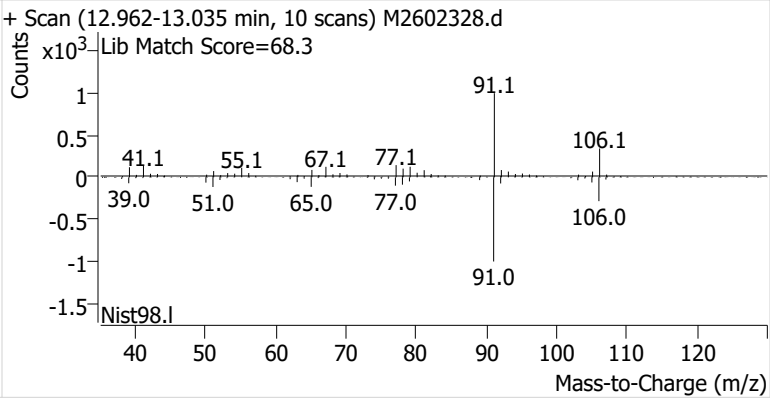
Toluene



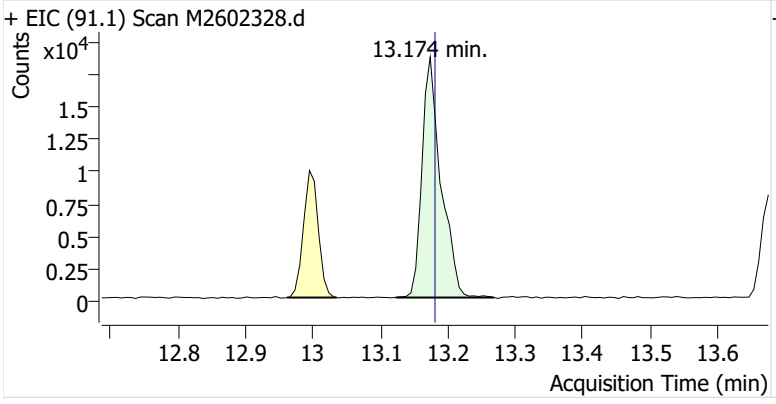


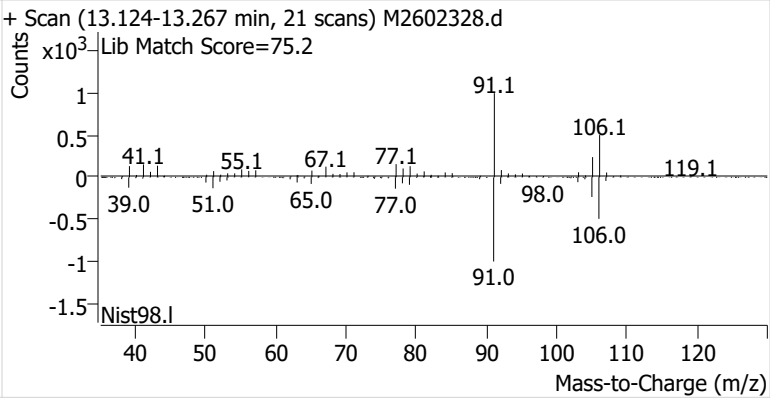
Ethylbenzene



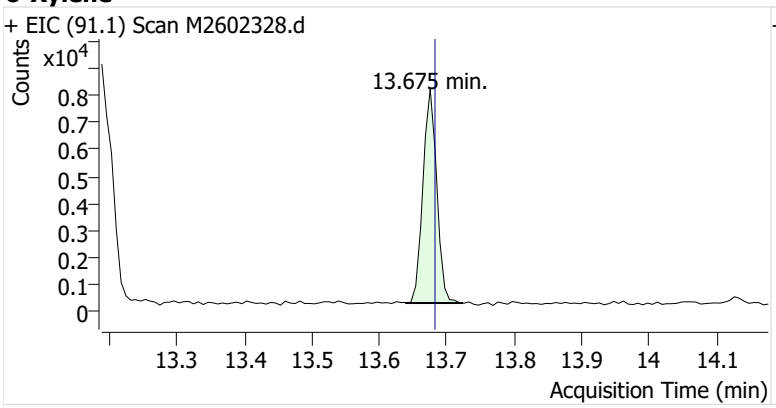


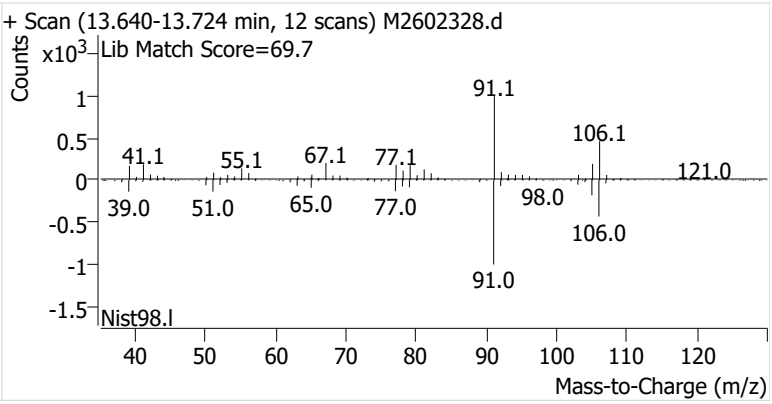
m-/p-Xylenes





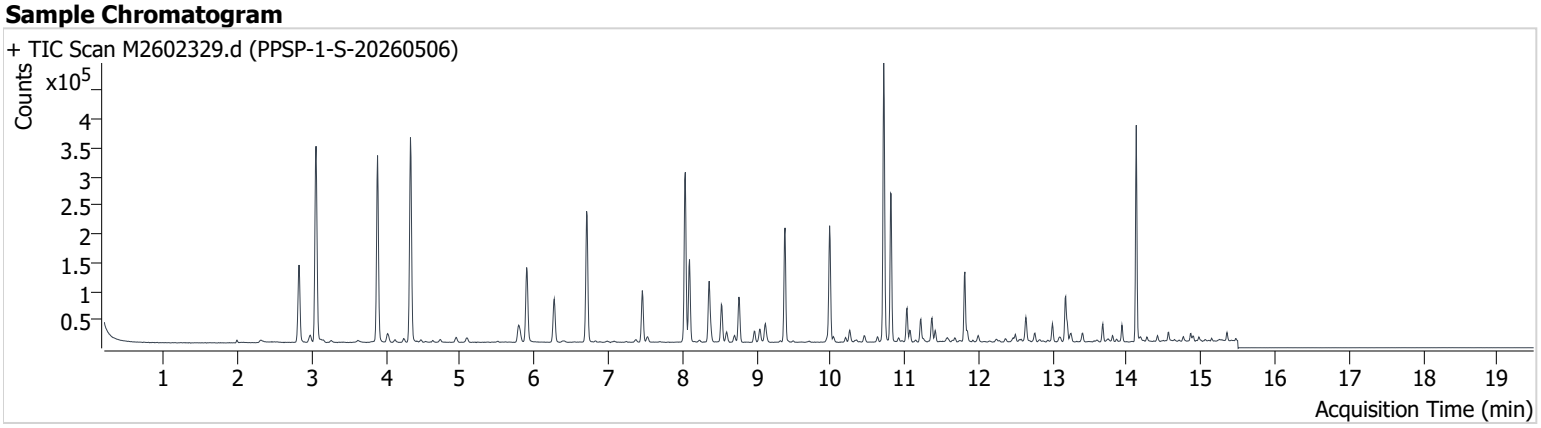
o-Xylene


+ EIC (91.1) Scan M2602328.d
Counts
x10^4
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.640-13.724 min, 12 scans) M2602328.d
Lib Match Score=69.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
77.1
121.0
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)

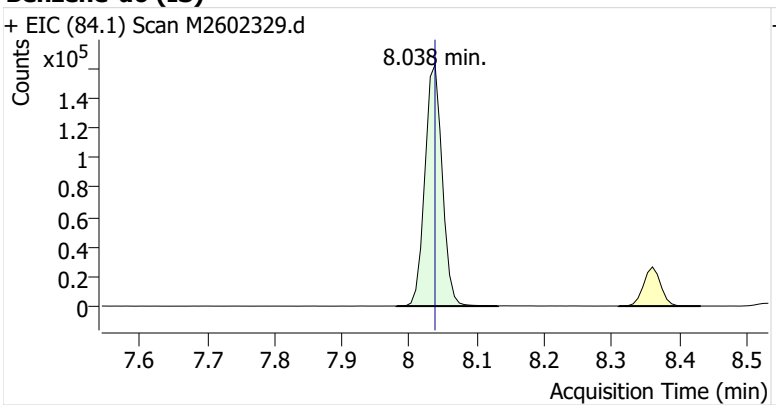
Name	PPSP-1-S-20260506
Comment	C55424
Data File	M2602329.d
Acq. Date-Time	5/27/2026 10:19:03 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

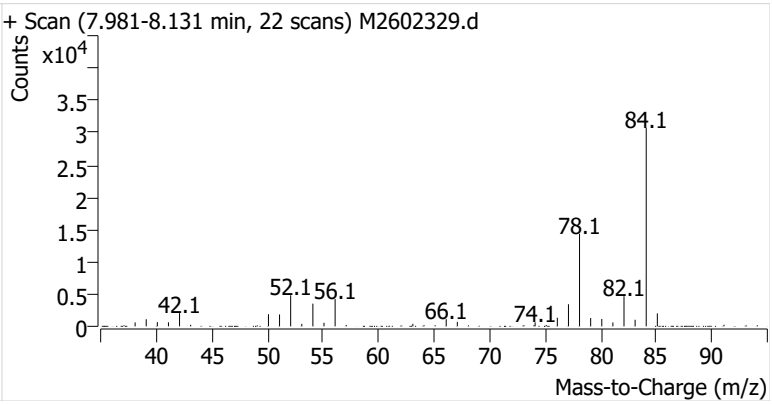
Sample Chromatogram



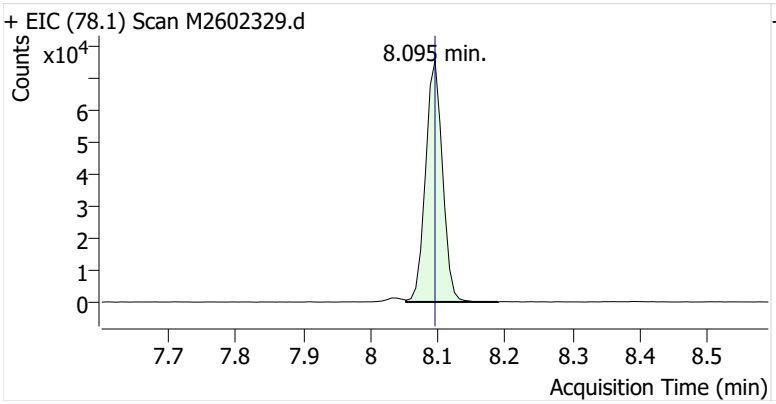
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,369	
Benzene	Benzene-d6 (IS)	8.095	8.095	132,059	
Toluene-d8 (IS)		10.717	10.724	320,196	
Toluene	Toluene-d8 (IS)	10.817	10.817	189,985	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	20,713	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	58,918	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	17,325	

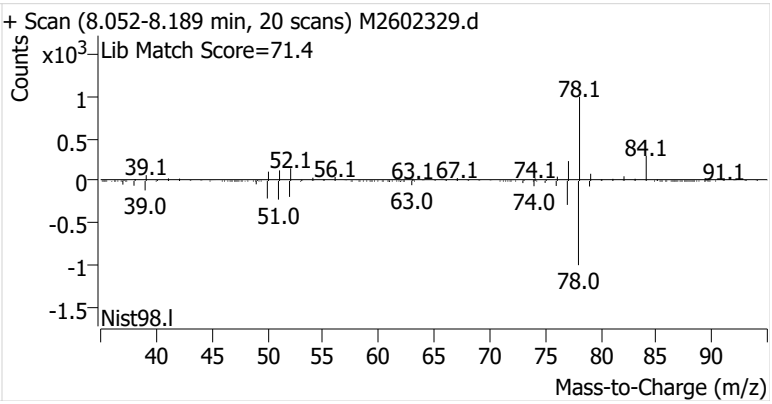
Benzene-d6 (IS)



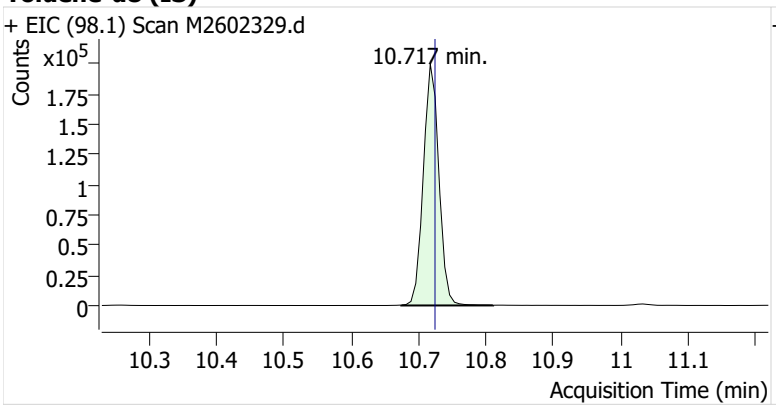


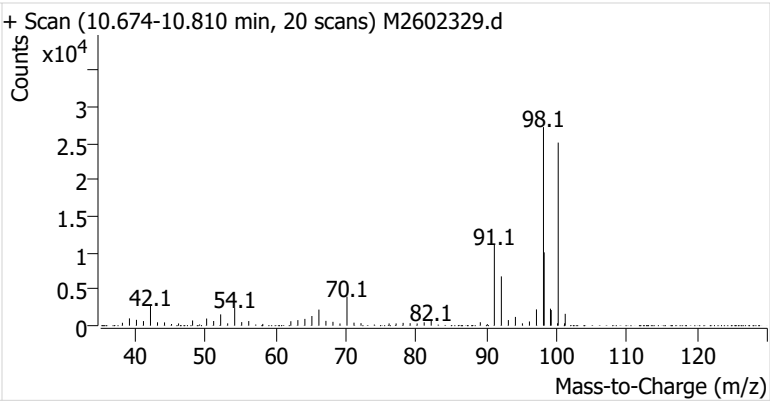
Benzene



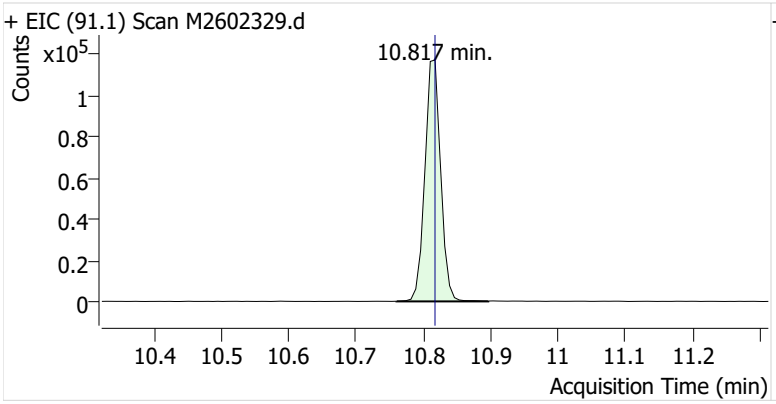


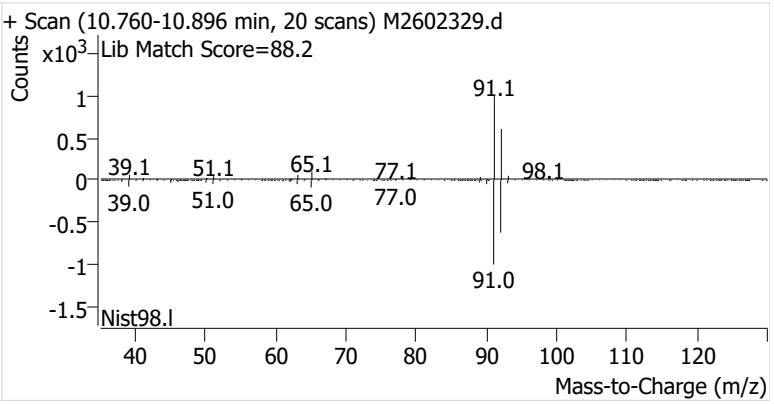
Toluene-d8 (IS)



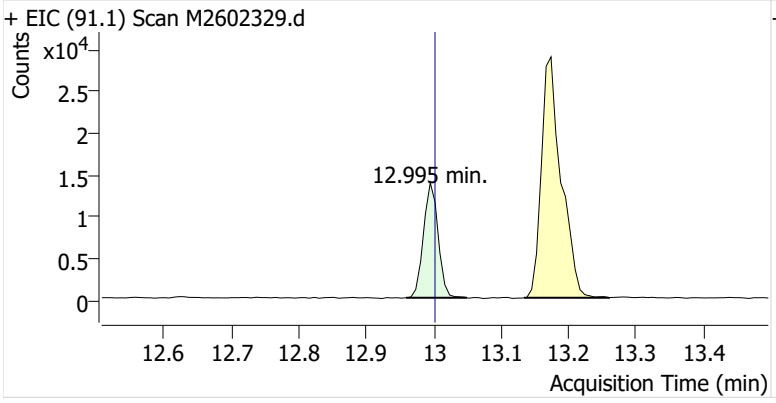


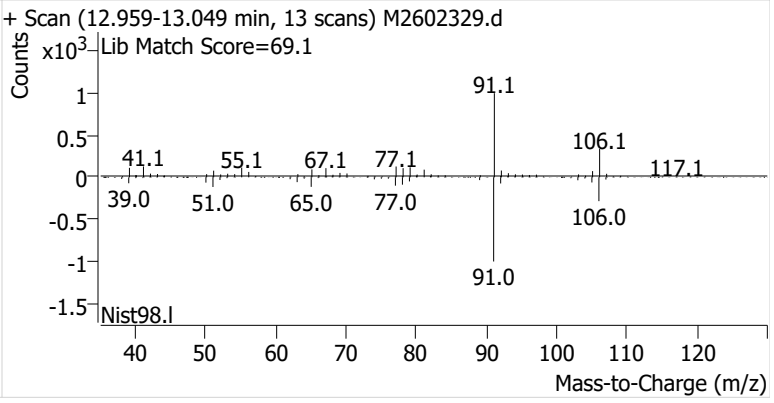
Toluene



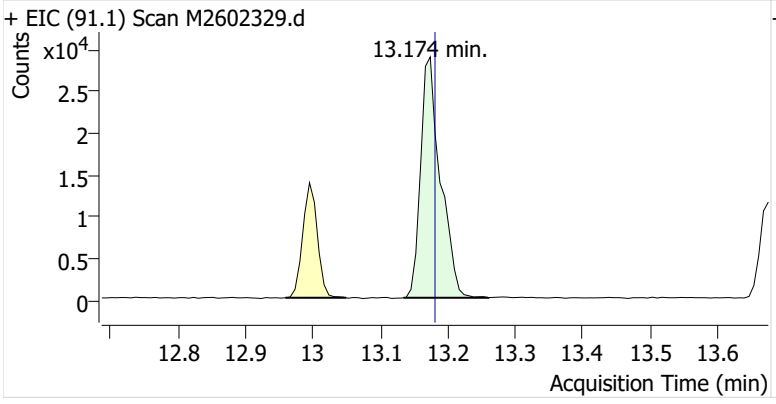


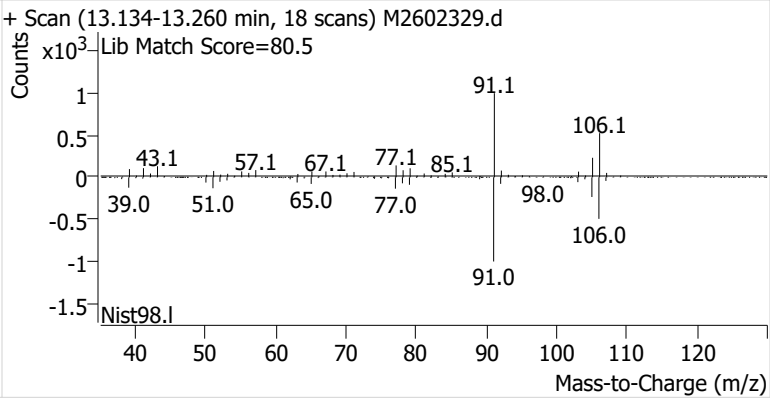
Ethylbenzene



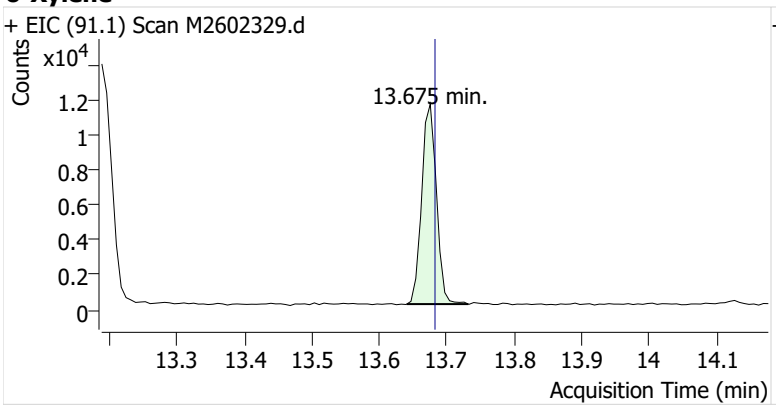


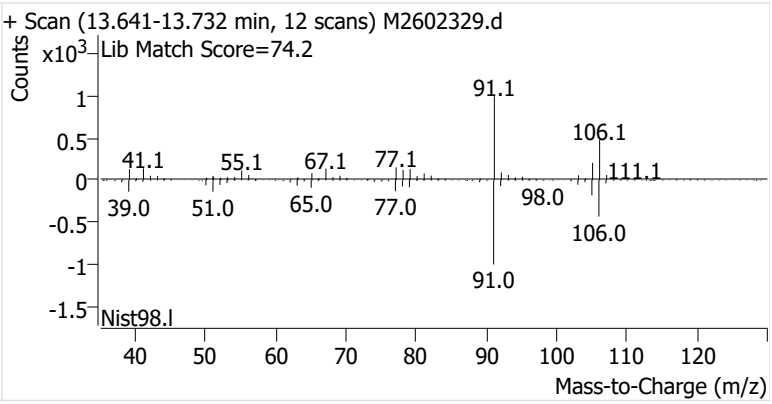
m-/p-Xylenes





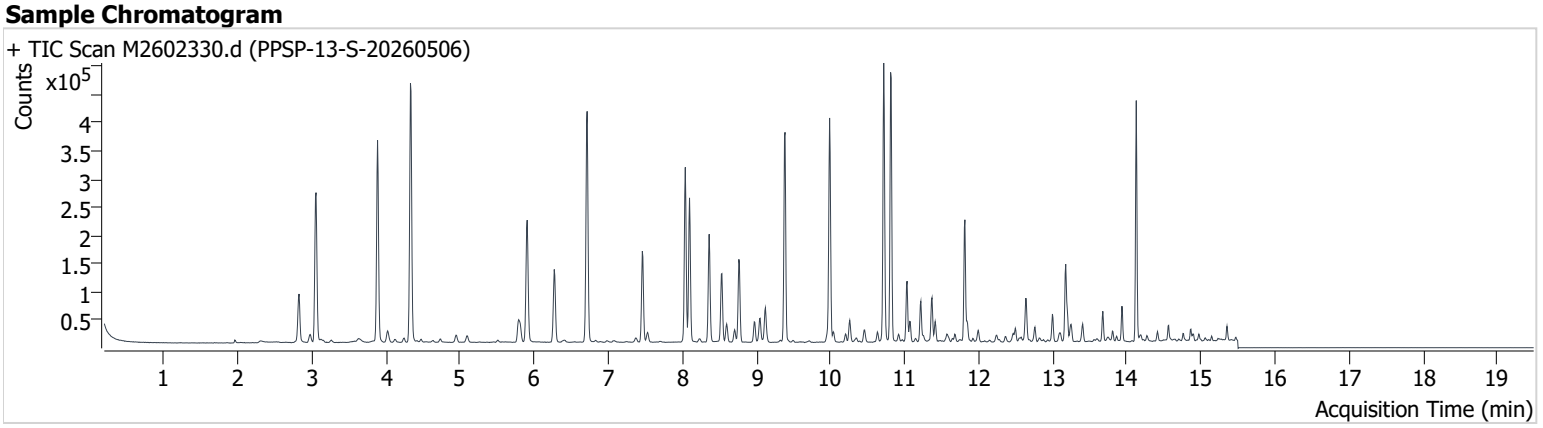
o-Xylene


+ EIC (91.1) Scan M2602329.d
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.641-13.732 min, 12 scans) M2602329.d
Counts
x10^3
Lib Match Score=74.2
1
0.5
0
-0.5
-1
-1.5
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
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

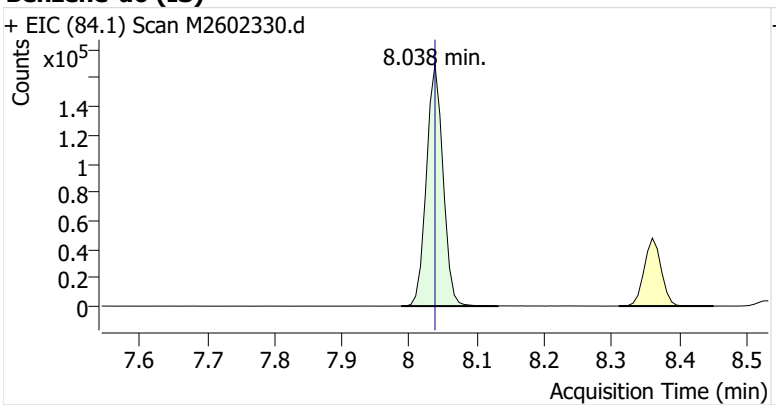
Name	PPSP-13-S-20260506
Comment	C67287
Data File	M2602330.d
Acq. Date-Time	5/27/2026 10:45:37 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

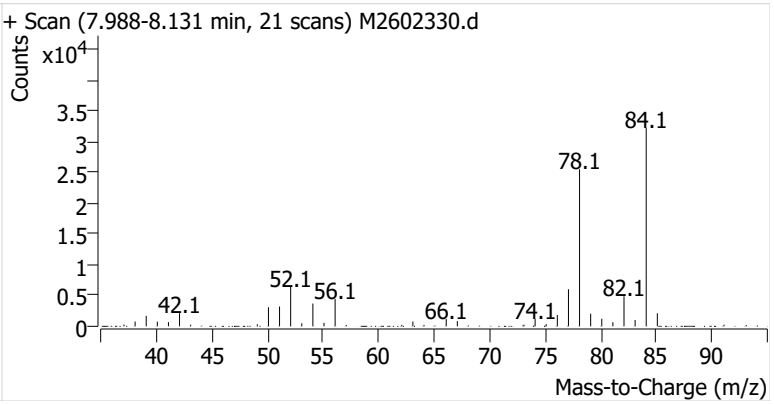
Sample Chromatogram



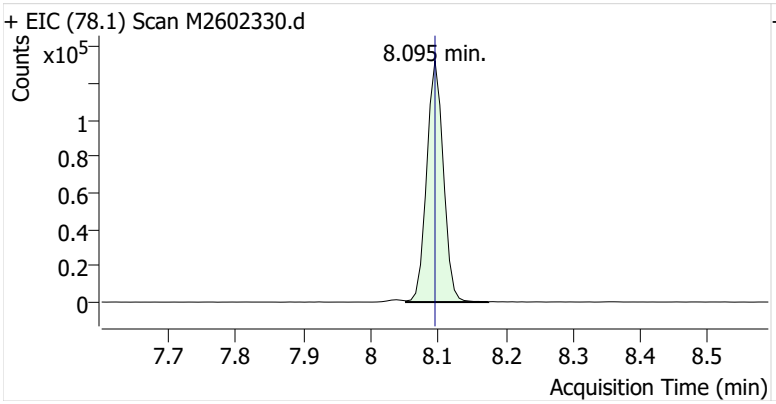
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	290,126	
Benzene	Benzene-d6 (IS)	8.095	8.095	227,374	
Toluene-d8 (IS)		10.717	10.724	317,211	
Toluene	Toluene-d8 (IS)	10.817	10.817	356,361	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	31,561	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	98,604	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	28,919	

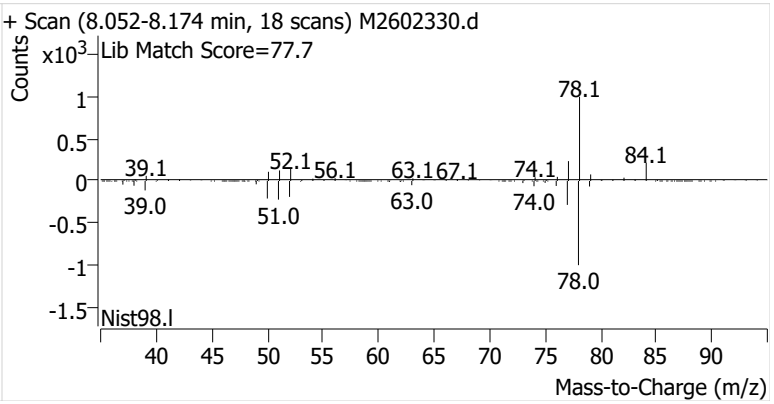
Benzene-d6 (IS)



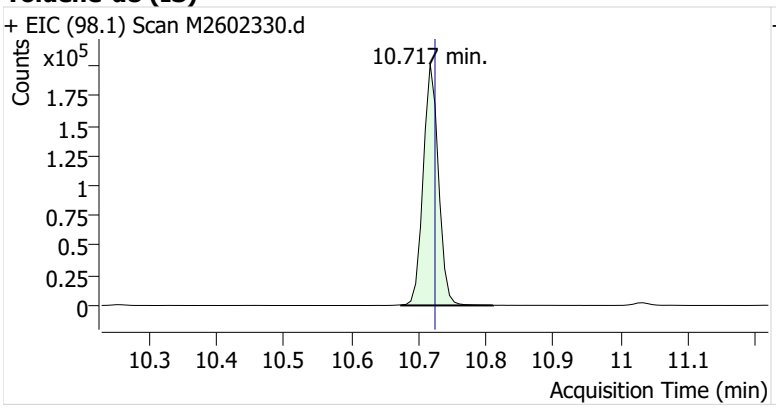


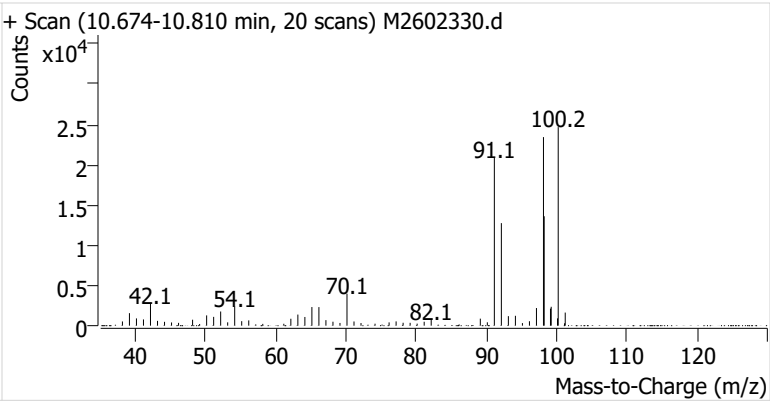
Benzene



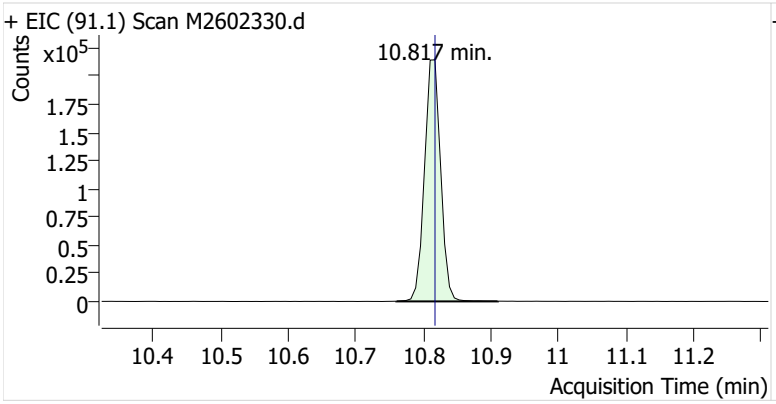


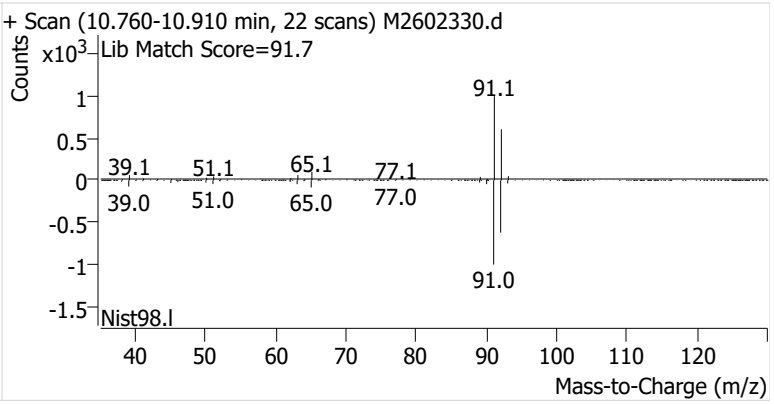
Toluene-d8 (IS)



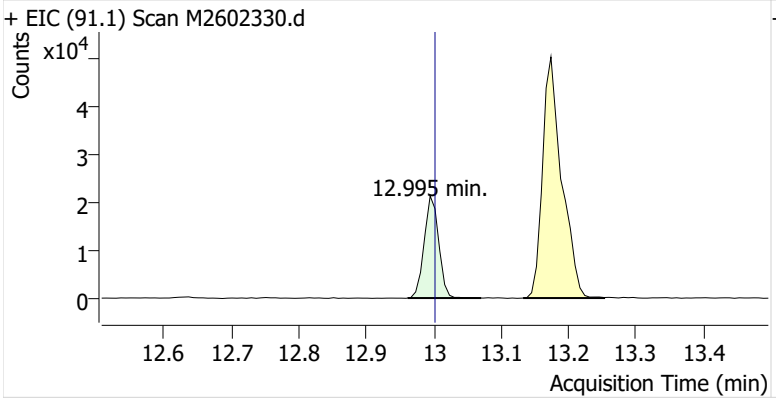


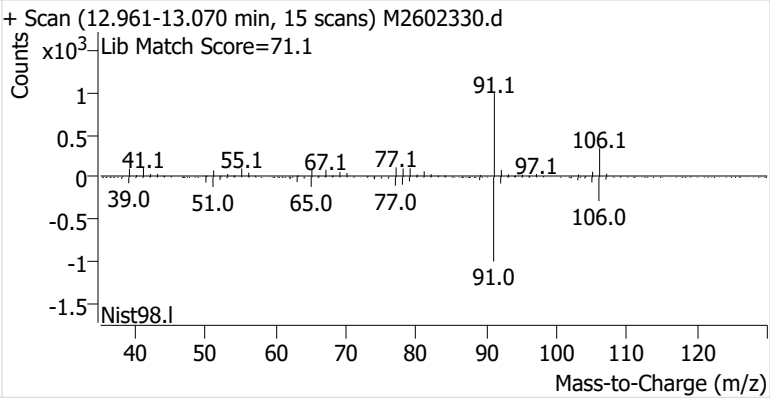
Toluene



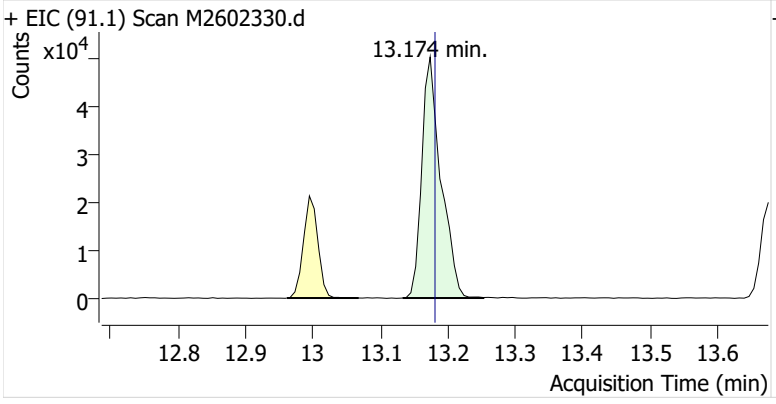


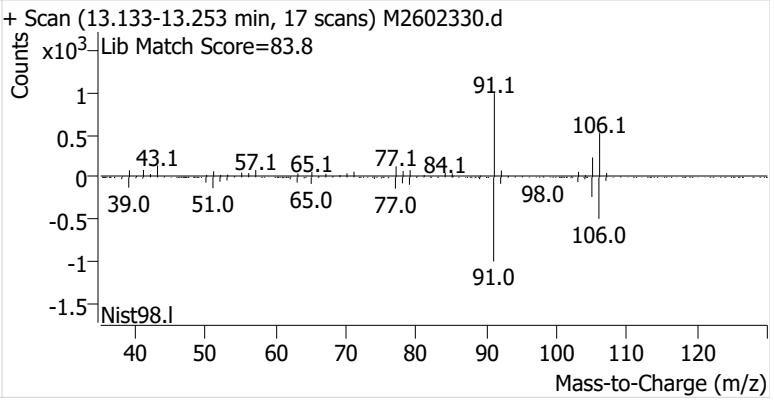
Ethylbenzene



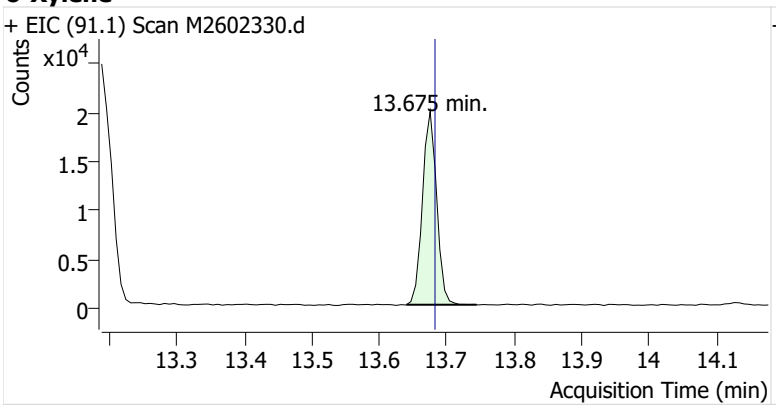


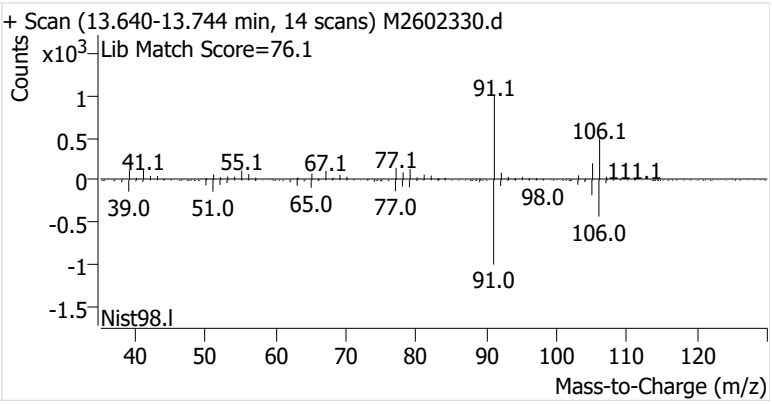
m-/p-Xylenes





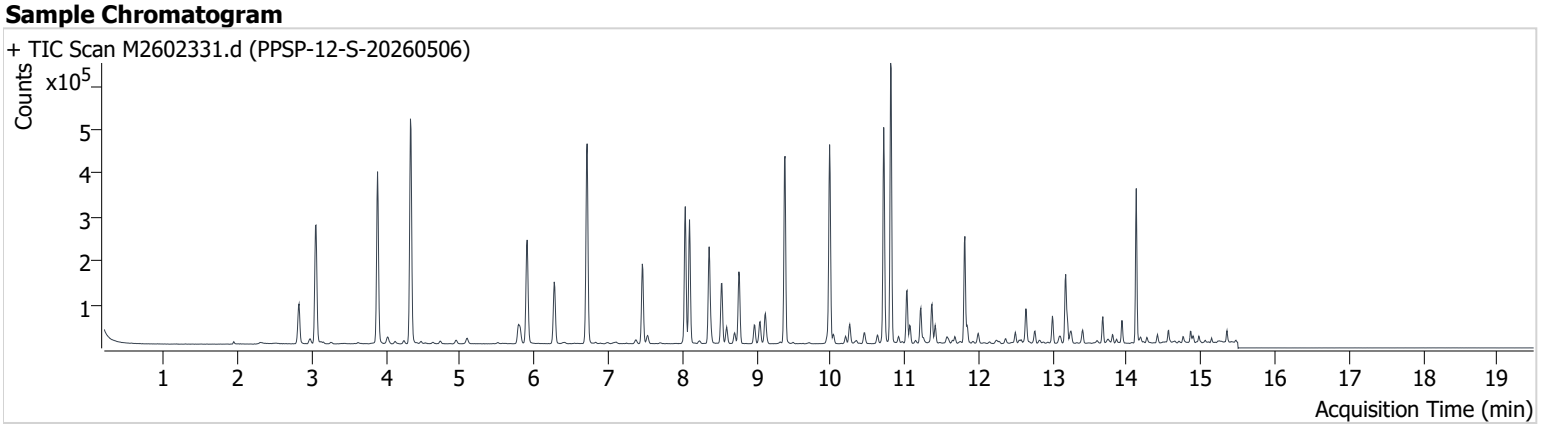
o-Xylene


+ EIC (91.1) Scan M2602330.d
Counts
x10^4
13.675 min.
Acquisition Time (min)


+ Scan (13.640-13.744 min, 14 scans) M2602330.d
Counts
x10^3
Lib Match Score=76.1
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
Nist98.l
Mass-to-Charge (m/z)

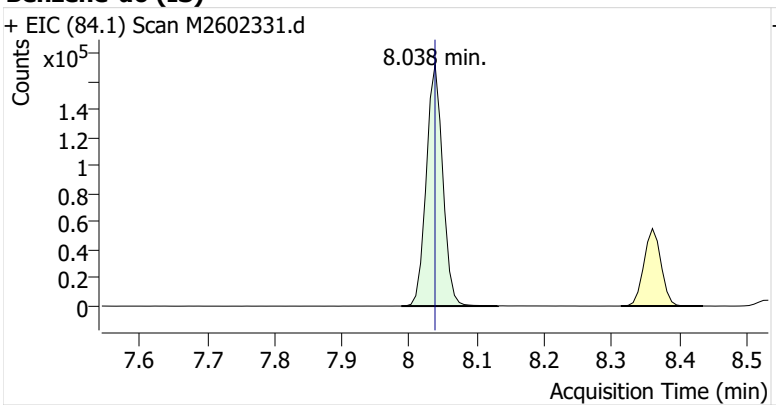
Name	PPSP-12-S-20260506
Comment	C31390
Data File	M2602331.d
Acq. Date-Time	5/27/2026 11:11:45 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

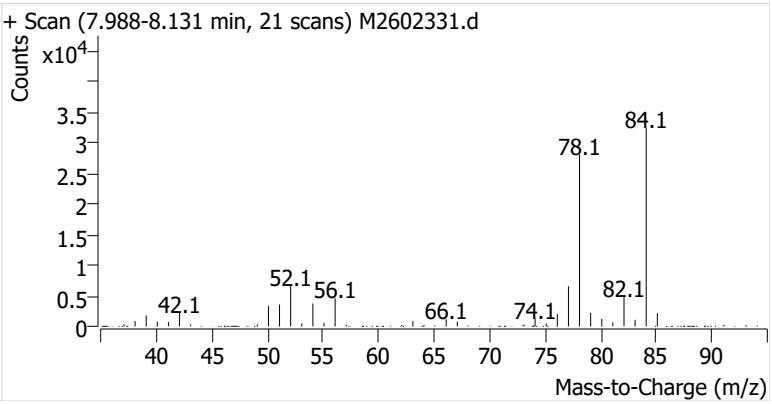
Sample Chromatogram



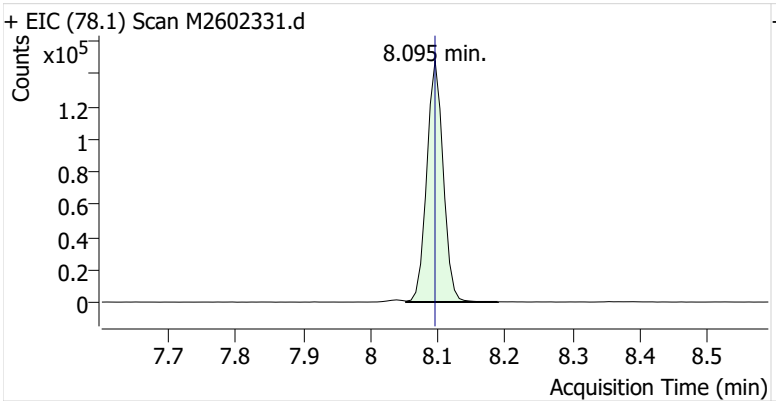
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	292,196	
Benzene	Benzene-d6 (IS)	8.095	8.095	250,379	
Toluene-d8 (IS)		10.717	10.724	320,104	
Toluene	Toluene-d8 (IS)	10.810	10.817	473,080	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	41,065	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	114,444	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	33,228	

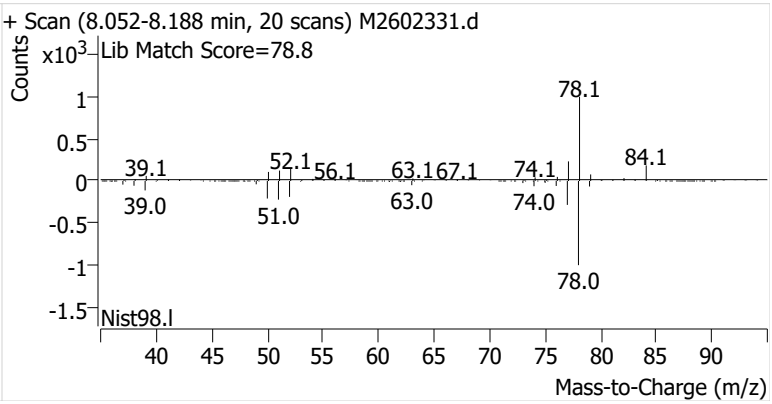
Benzene-d6 (IS)



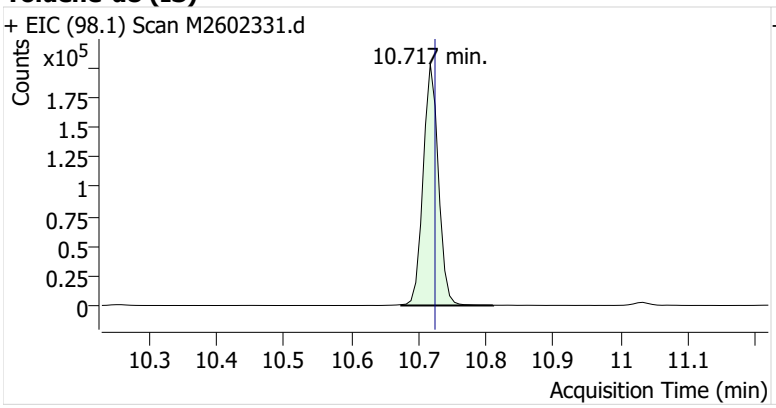


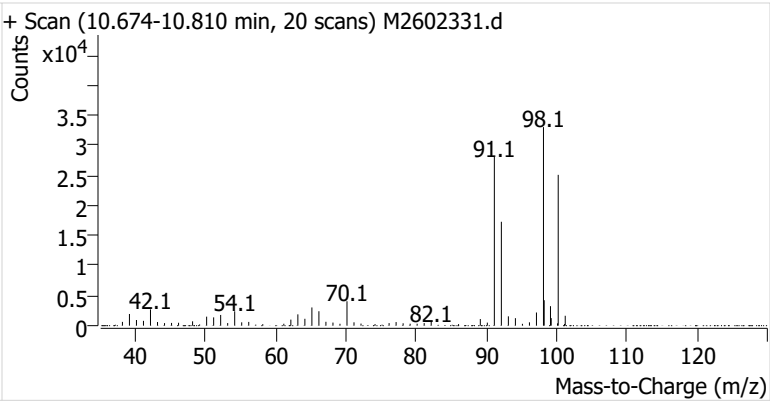
Benzene



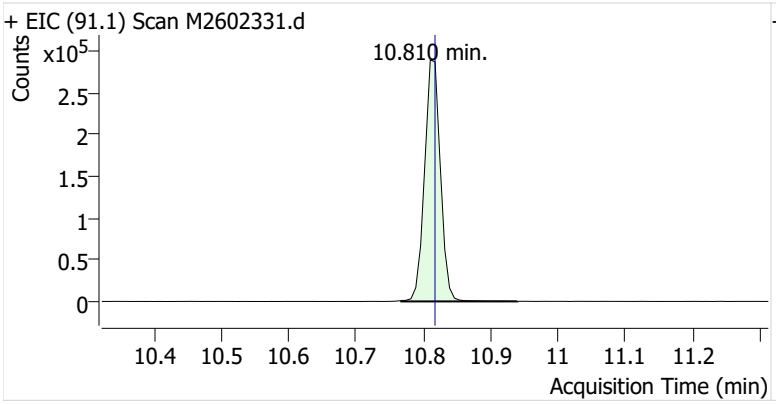


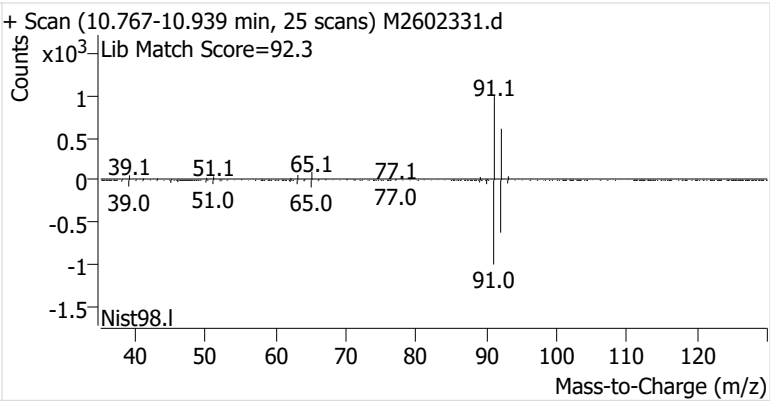
Toluene-d8 (IS)



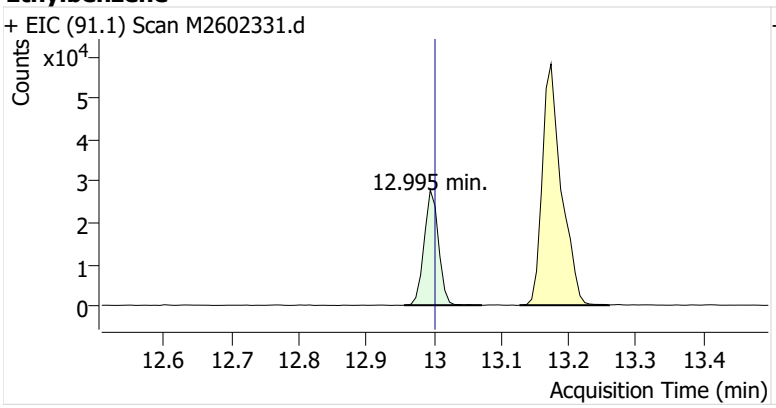


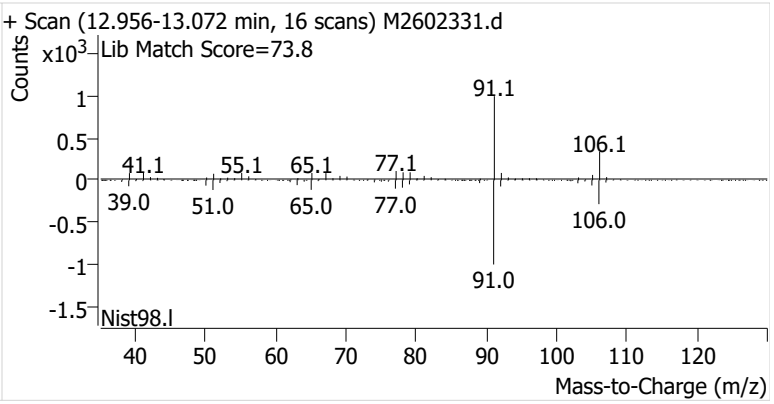
Toluene



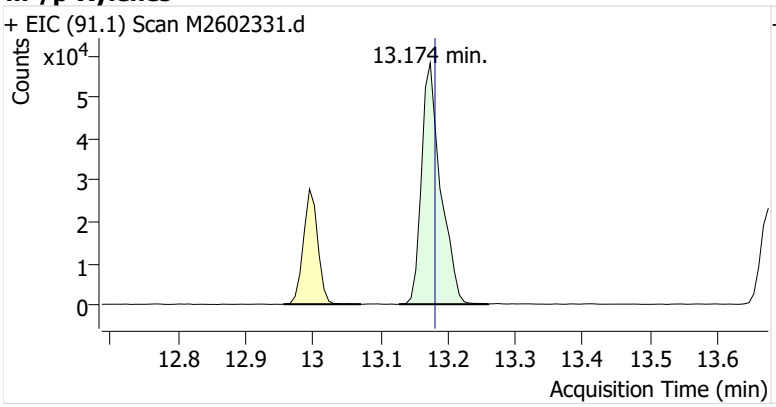


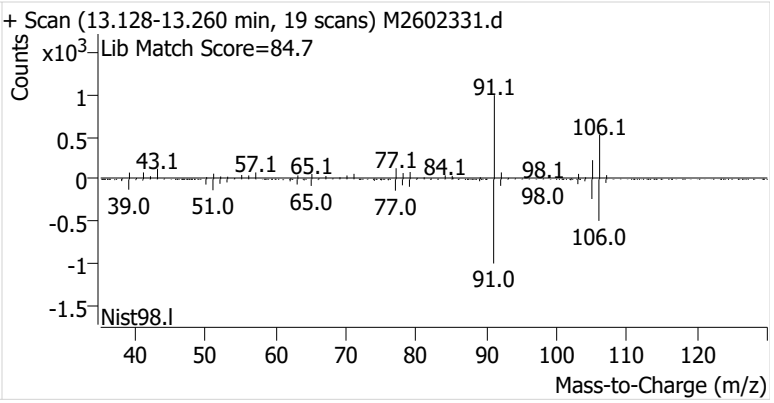
Ethylbenzene



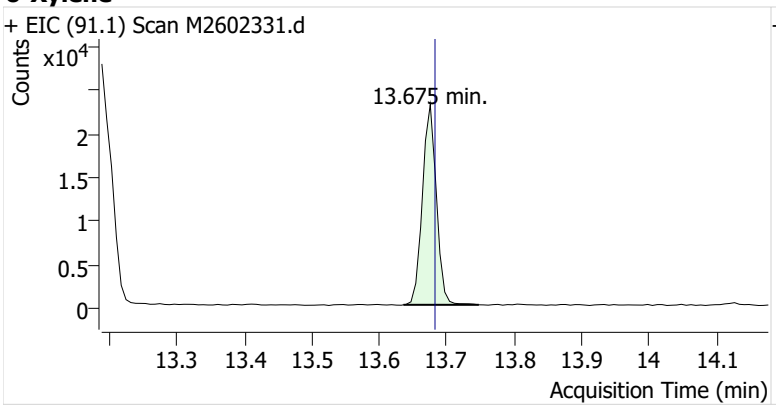


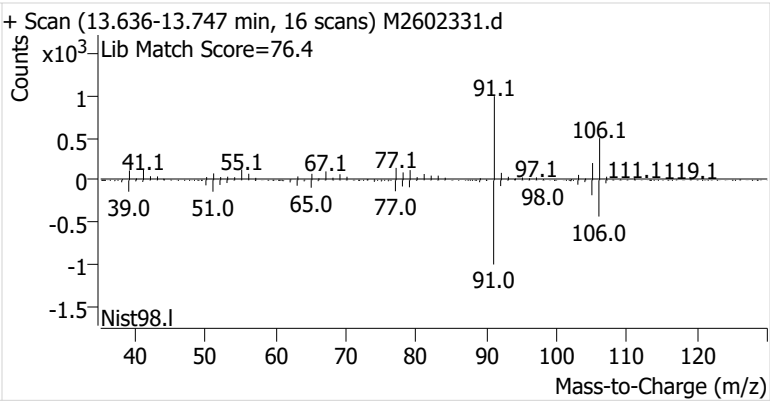
m-/p-Xylenes





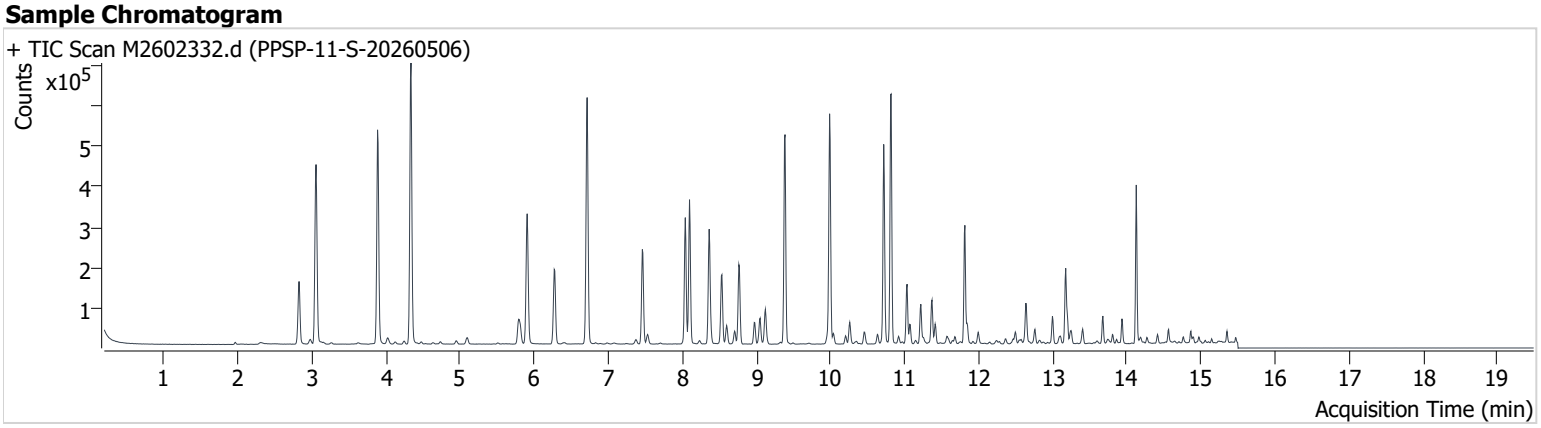
o-Xylene


+ EIC (91.1) Scan M2602331.d
Counts
x10^4
13.675 min.
Acquisition Time (min)


+ Scan (13.636-13.747 min, 16 scans) M2602331.d
Counts
x10^3
Lib Match Score=76.4
91.1
106.1
41.1
55.1
67.1
77.1
97.1
111.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

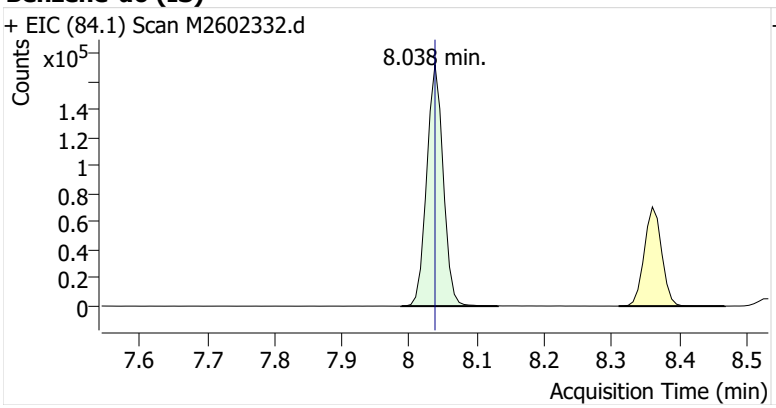
Name	PPSP-11-S-20260506
Comment	C36977
Data File	M2602332.d
Acq. Date-Time	5/27/2026 11:37:59 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

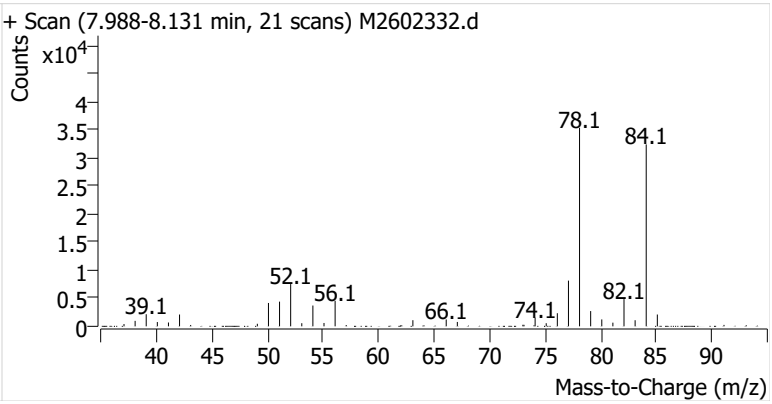
Sample Chromatogram



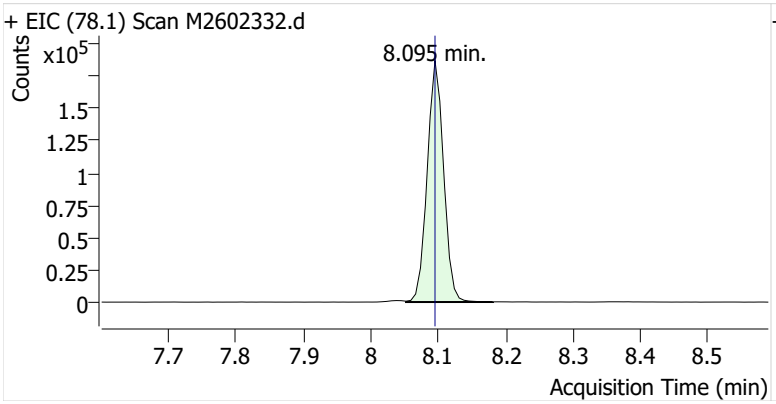
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	291,508	
Benzene	Benzene-d6 (IS)	8.095	8.095	315,964	
Toluene-d8 (IS)		10.717	10.724	317,130	
Toluene	Toluene-d8 (IS)	10.817	10.817	468,924	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	45,108	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	131,461	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	37,500	

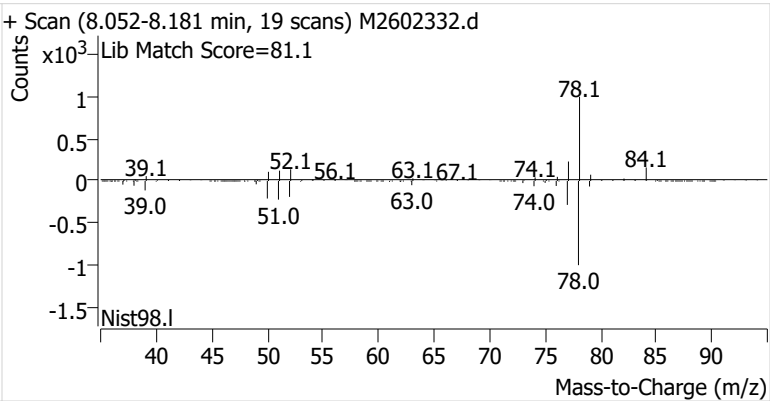
Benzene-d6 (IS)



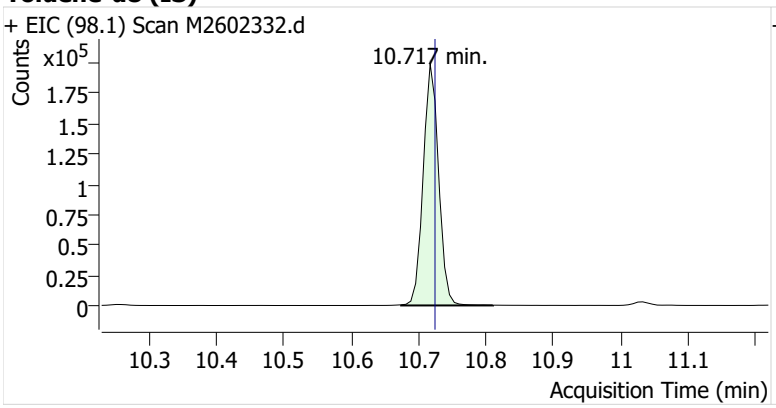


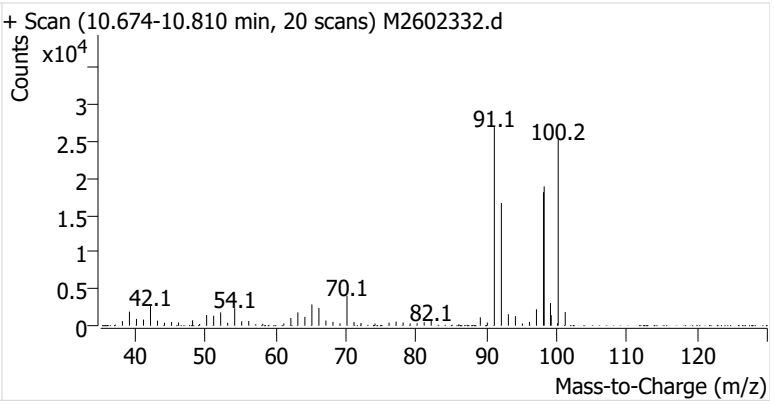
Benzene



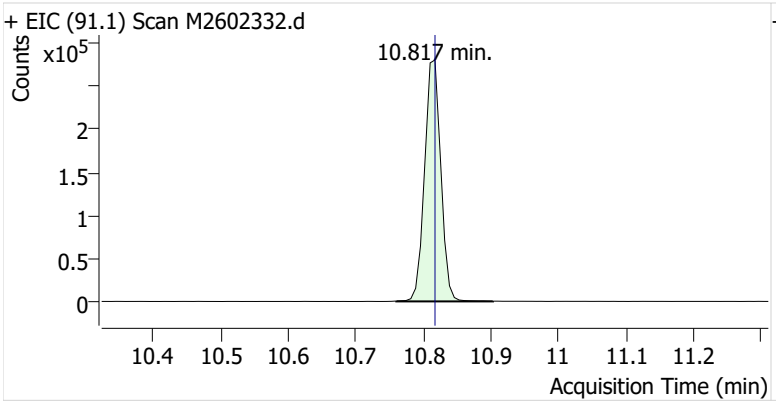


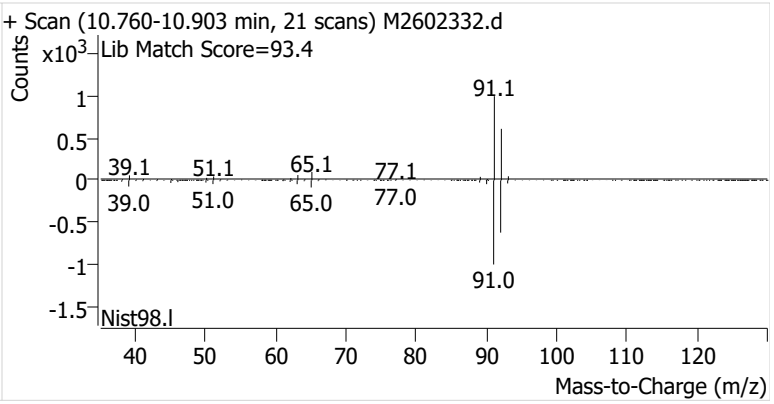
Toluene-d8 (IS)



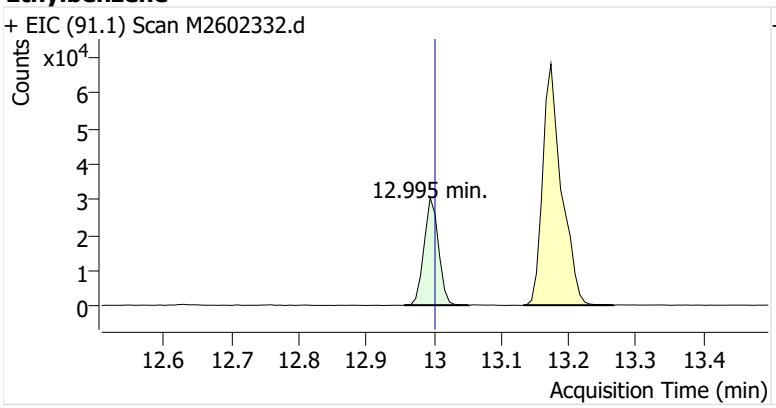


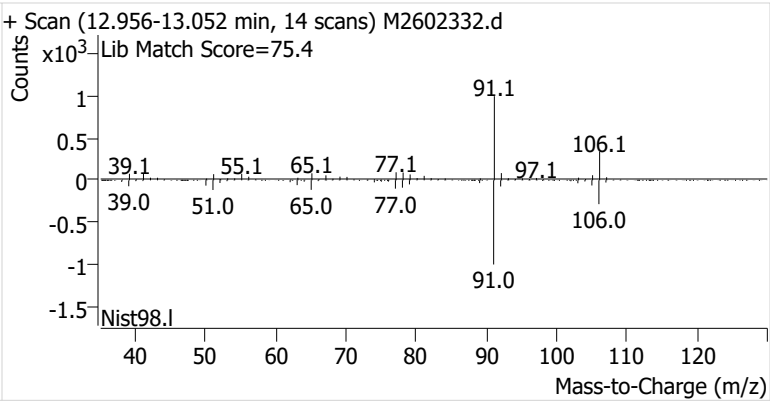
Toluene



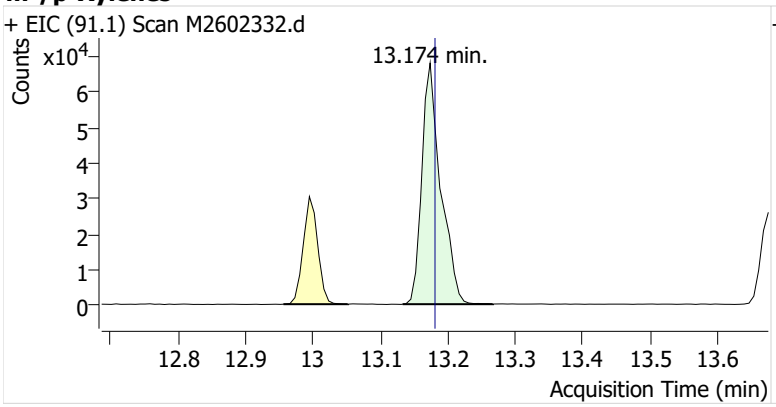


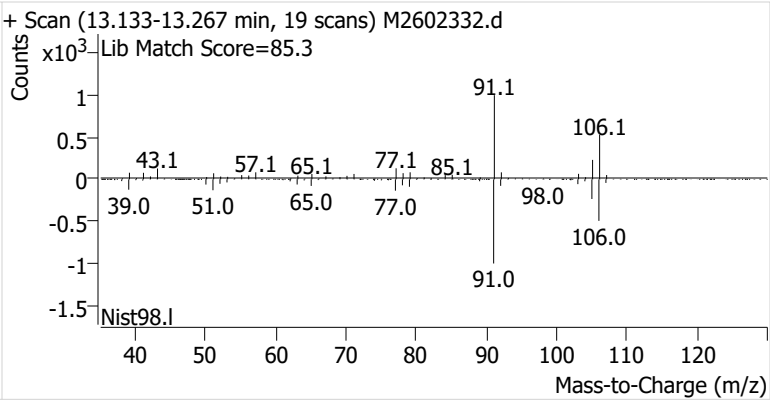
Ethylbenzene



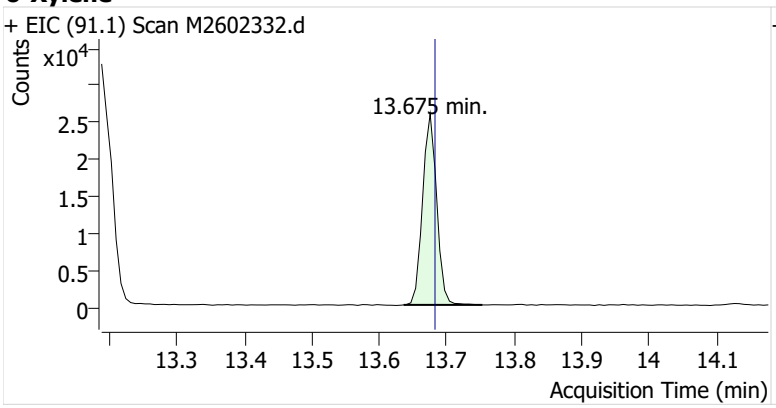


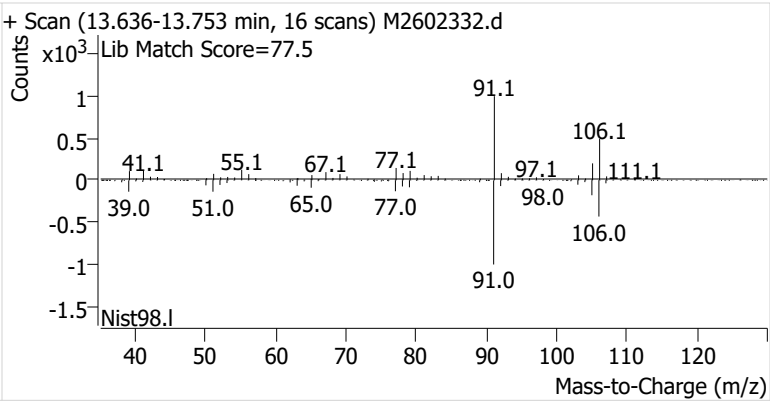
m-/p-Xylenes





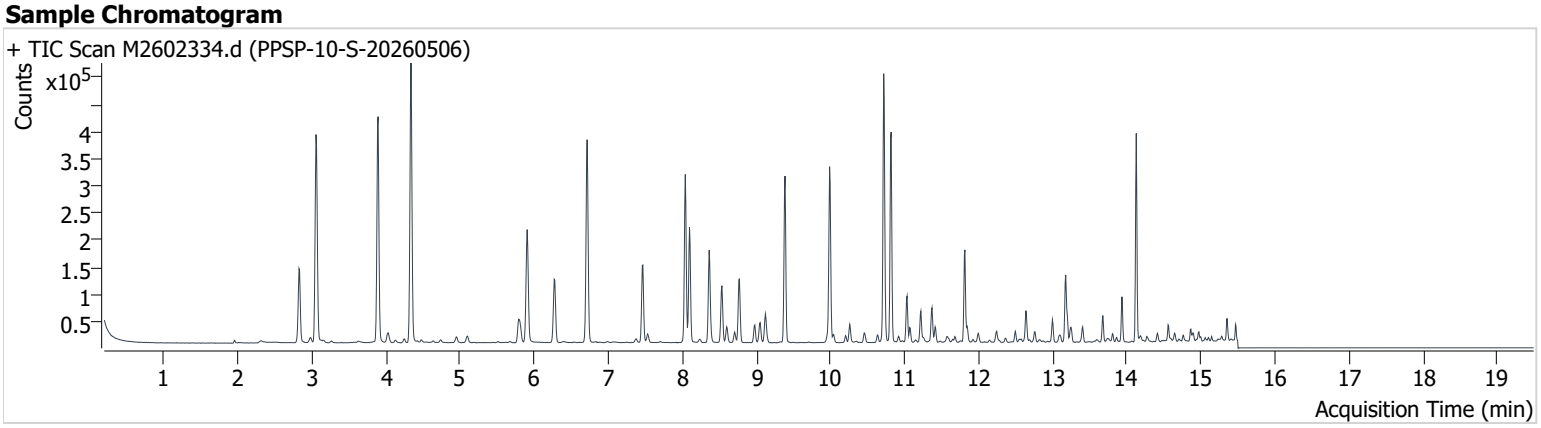
o-Xylene


+ EIC (91.1) Scan M2602332.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 (13.636-13.753 min, 16 scans) M2602332.d
Counts
x10^3
Lib Match Score=77.5
91.1
106.1
41.1
55.1
67.1
77.1
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)

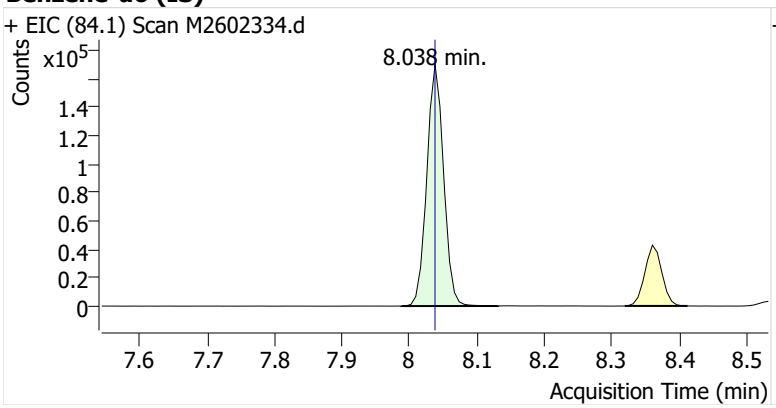
Name	PPSP-10-S-20260506
Comment	C55346
Data File	M2602334.d
Acq. Date-Time	5/28/2026 12:30:25 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

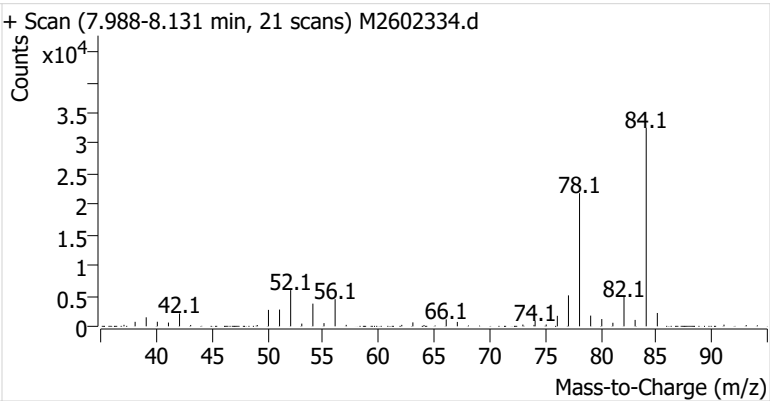
Sample Chromatogram



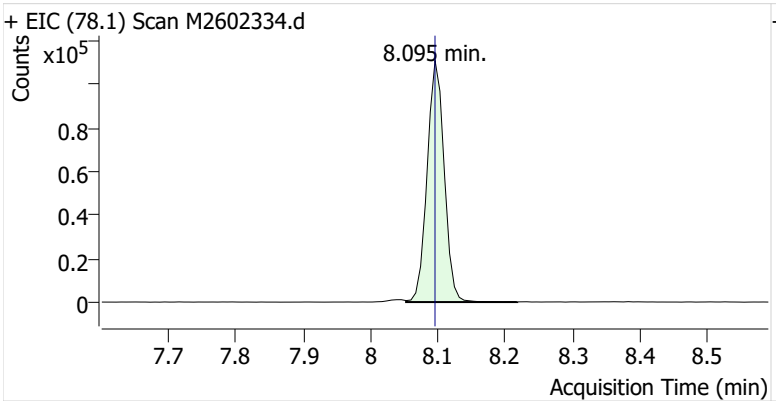
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	293,198	
Benzene	Benzene-d6 (IS)	8.095	8.095	194,644	
Toluene-d8 (IS)		10.717	10.724	324,540	
Toluene	Toluene-d8 (IS)	10.817	10.817	285,547	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	26,936	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	89,081	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	26,507	

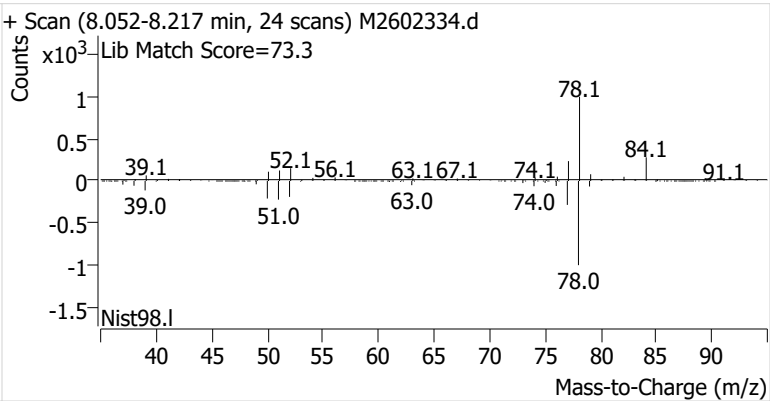
Benzene-d6 (IS)



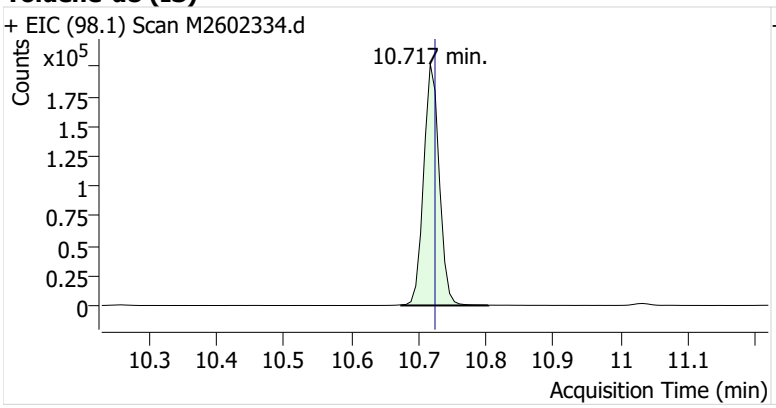


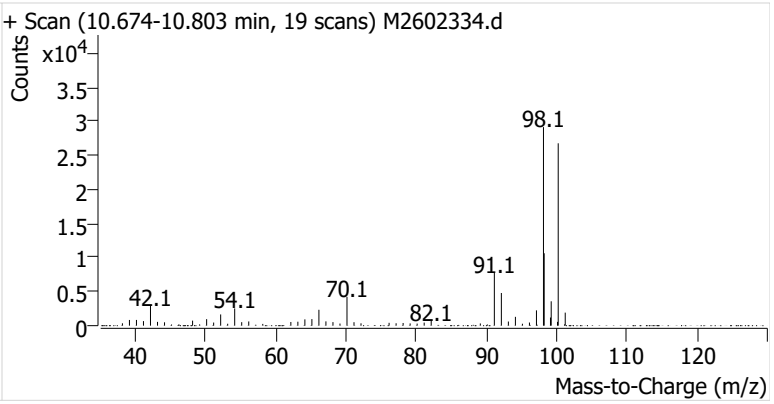
Benzene



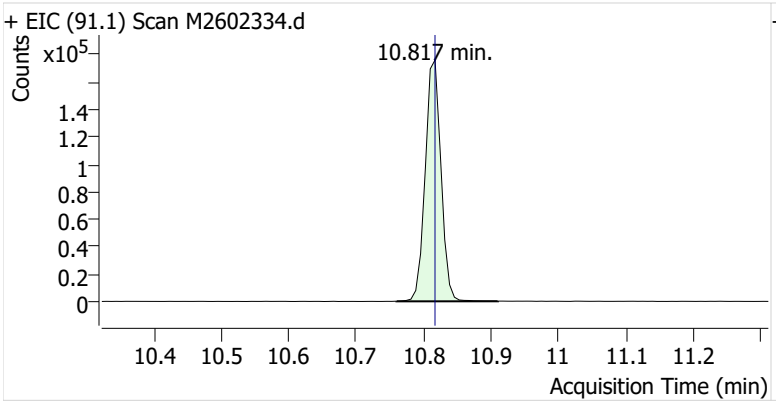


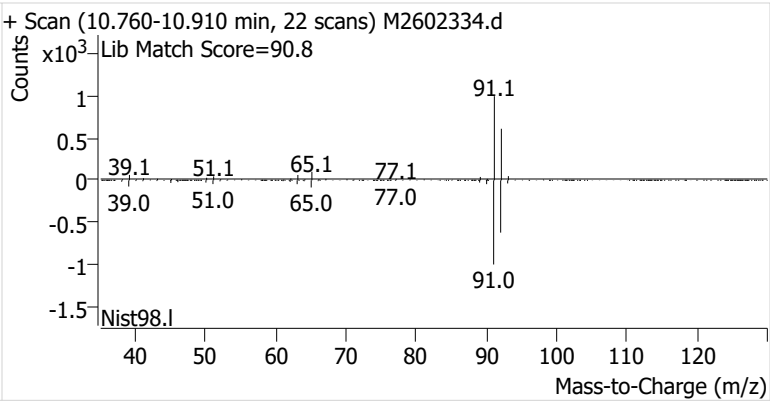
Toluene-d8 (IS)



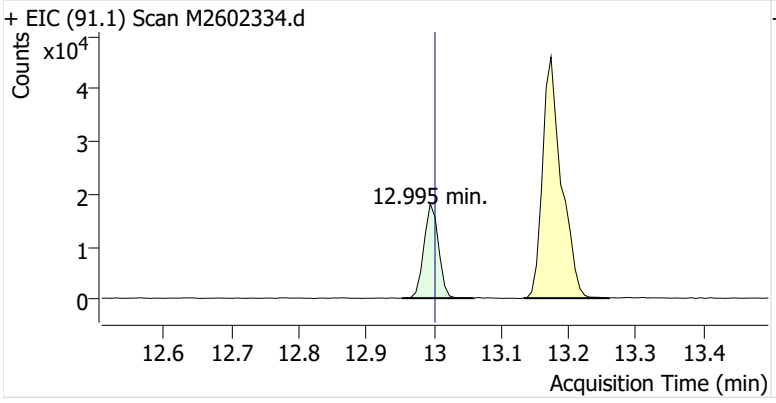


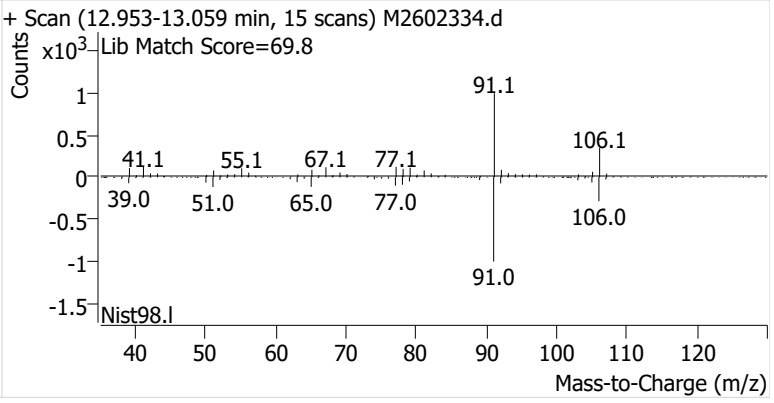
Toluene



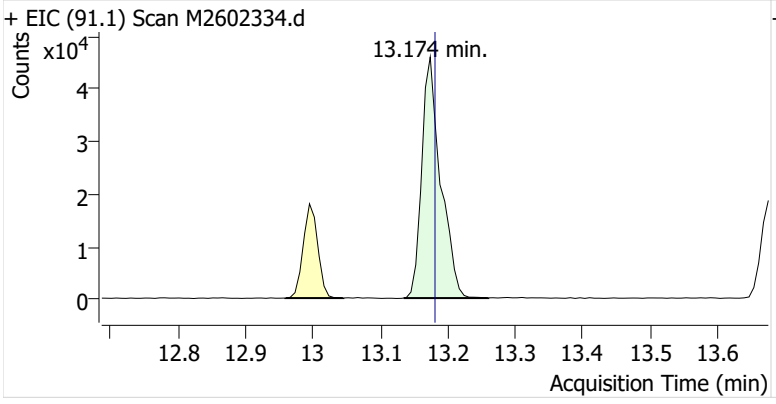


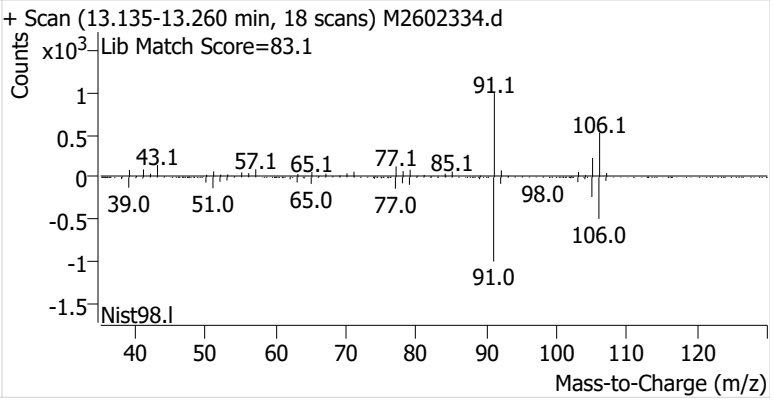
Ethylbenzene



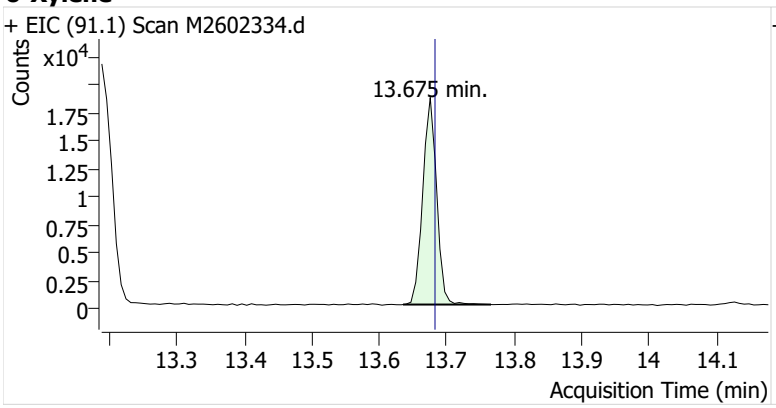


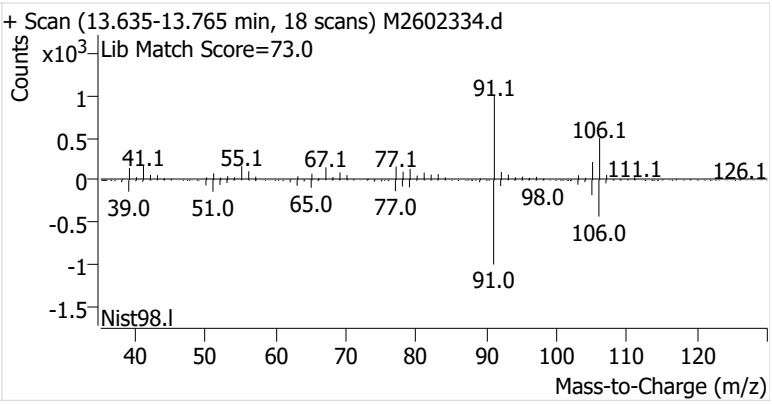
m-/p-Xylenes





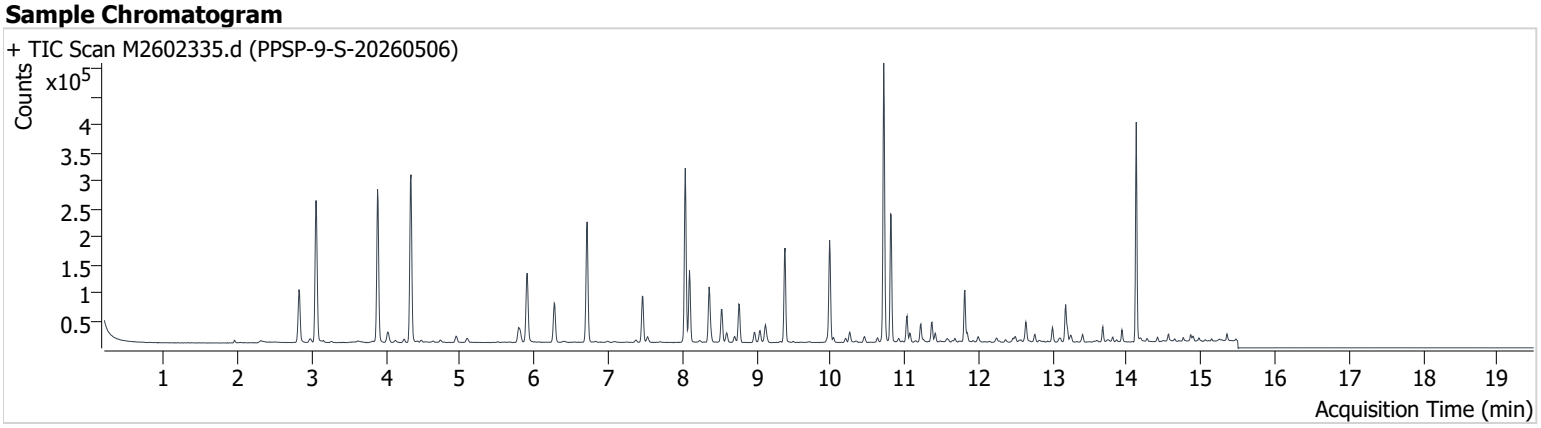
o-Xylene


+ EIC (91.1) Scan M2602334.d
Counts
x10^4
13.675 min.
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.635-13.765 min, 18 scans) M2602334.d
Lib Match Score=73.0
Counts
x10^3
91.1
106.1
41.1
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)

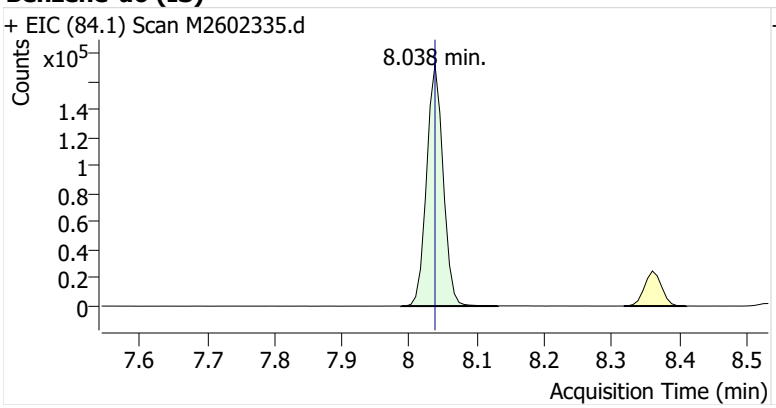
Name	PPSP-9-S-20260506
Comment	C39264
Data File	M2602335.d
Acq. Date-Time	5/28/2026 12:56:25 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

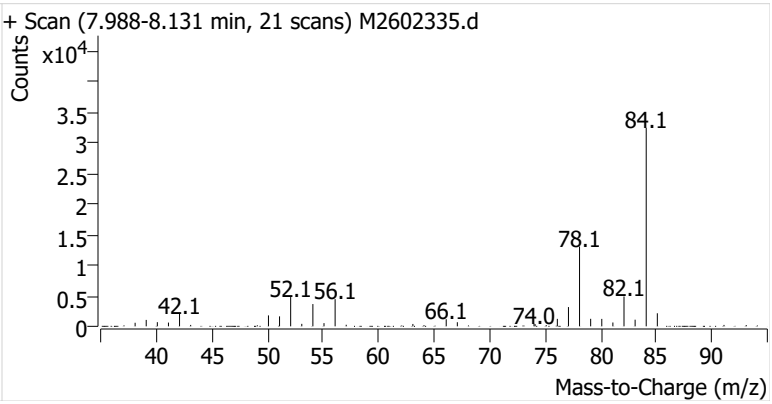
Sample Chromatogram



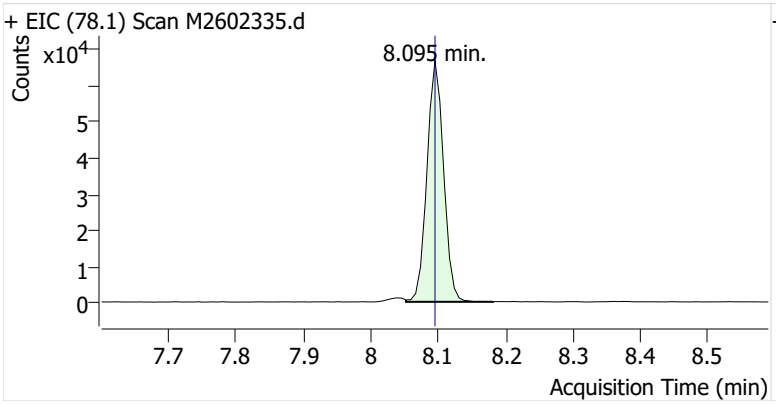
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	292,426	
Benzene	Benzene-d6 (IS)	8.095	8.095	114,348	
Toluene-d8 (IS)		10.717	10.724	321,772	
Toluene	Toluene-d8 (IS)	10.817	10.817	170,009	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	17,344	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	48,267	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	14,521	

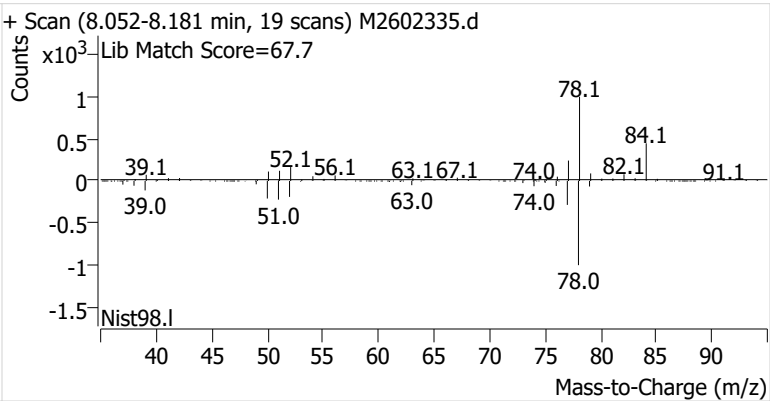
Benzene-d6 (IS)



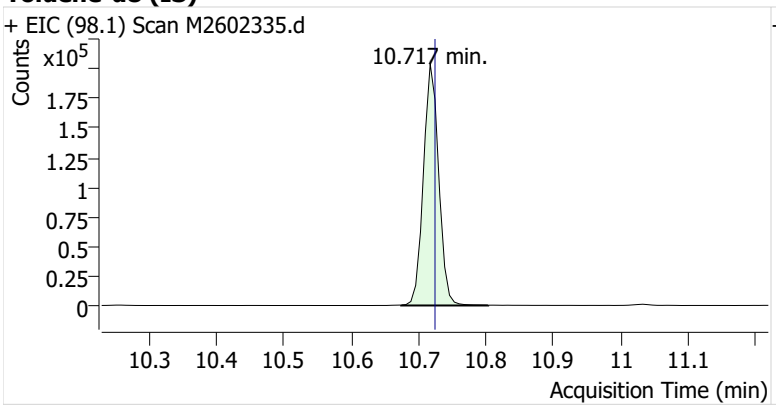


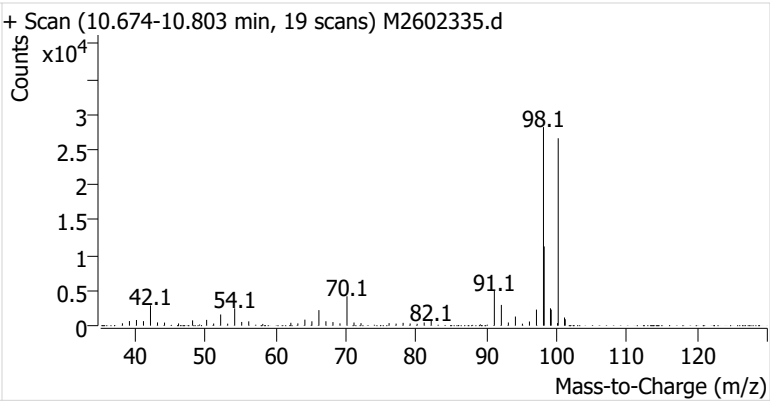
Benzene



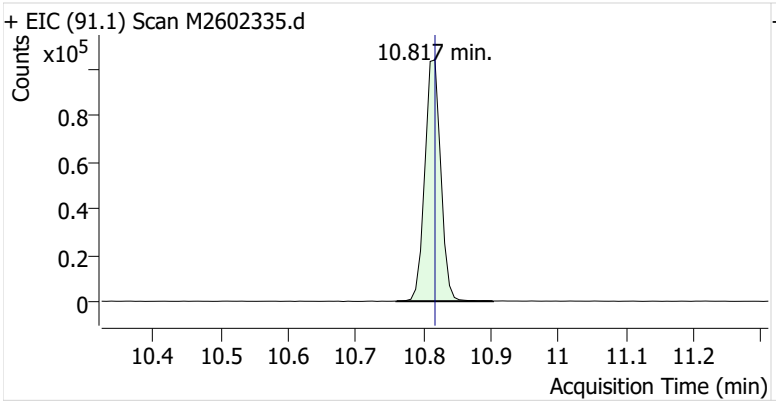


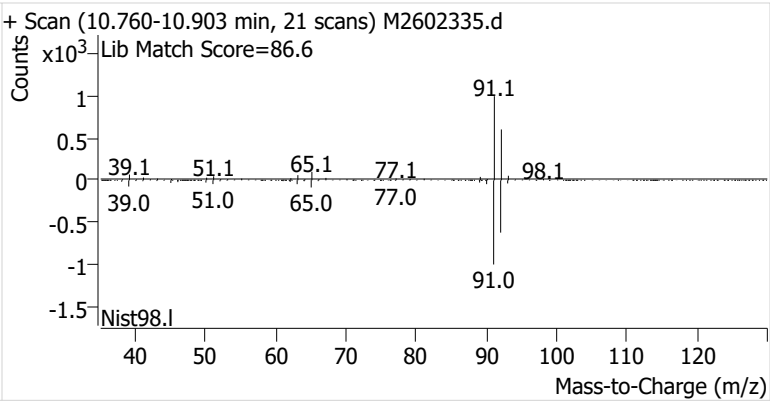
Toluene-d8 (IS)



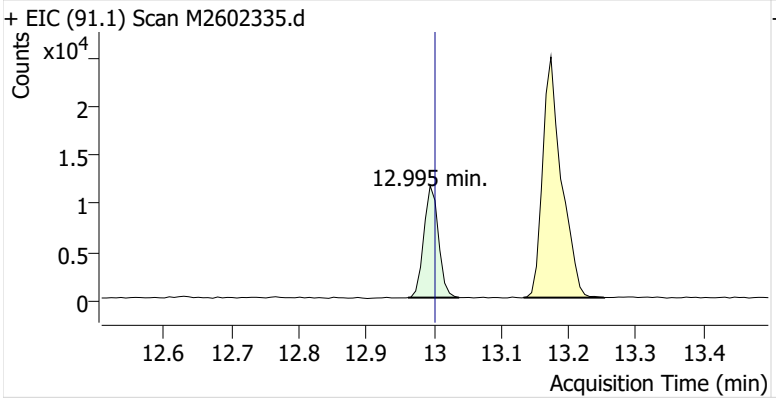


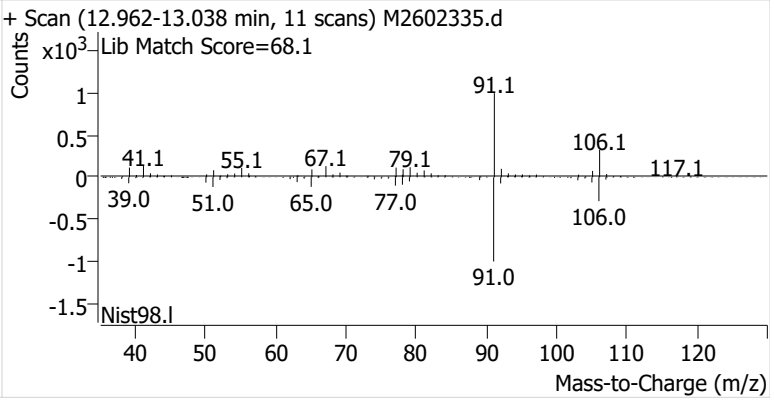
Toluene



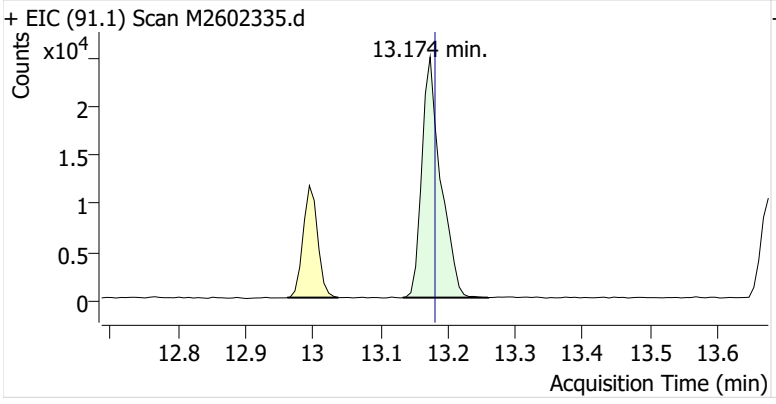


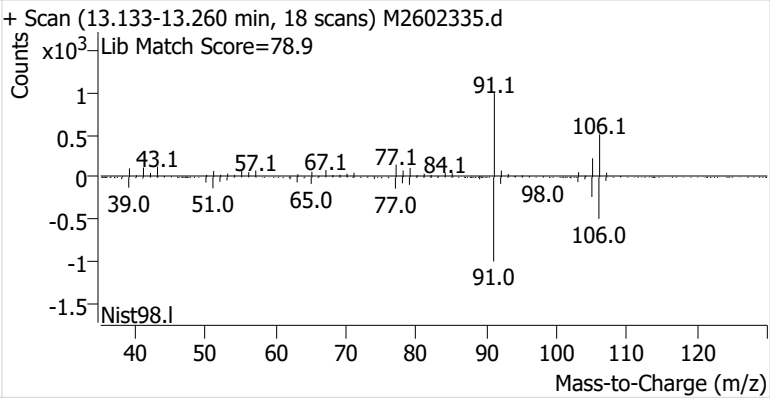
Ethylbenzene



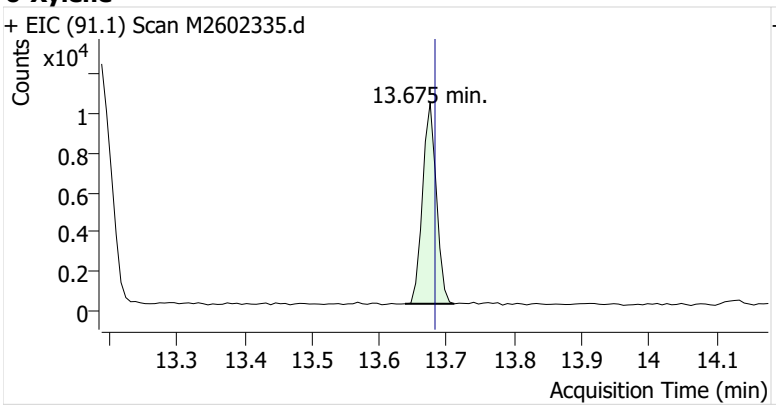


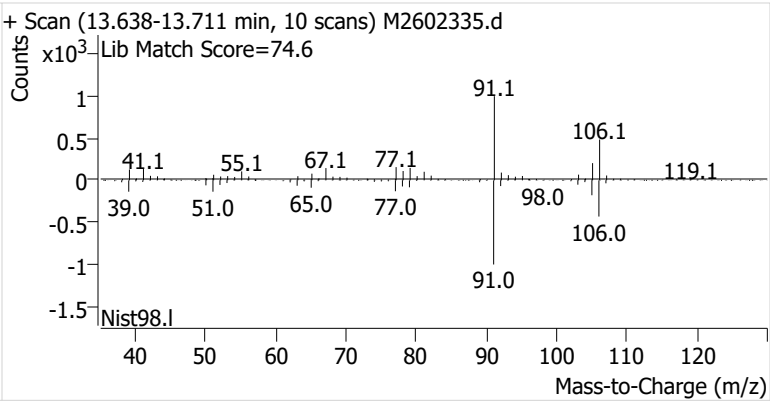
m-/p-Xylenes





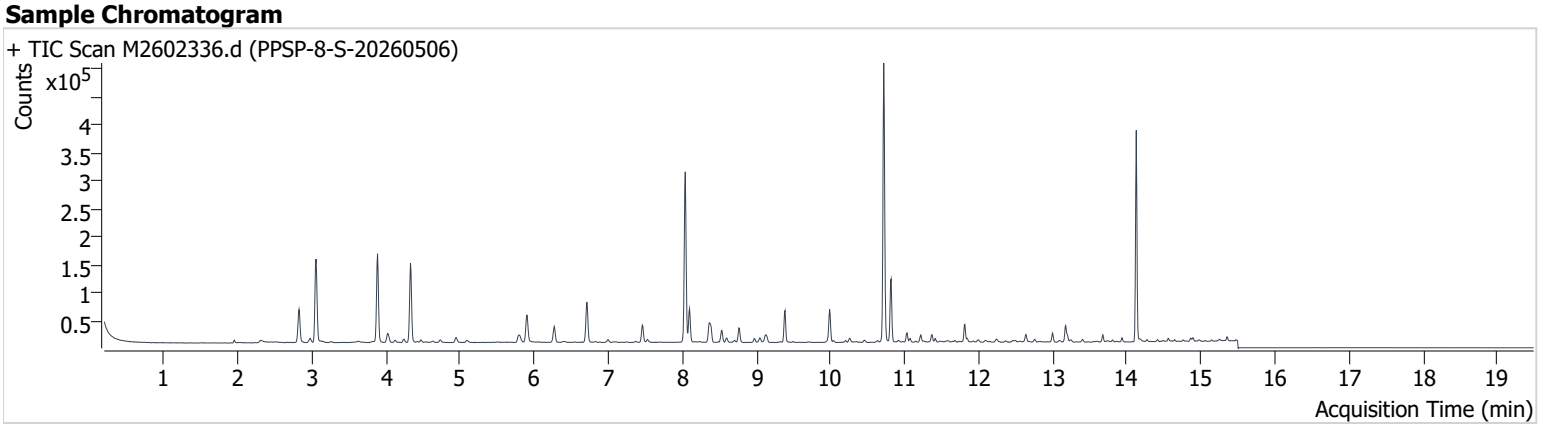
o-Xylene


+ EIC (91.1) Scan M2602335.d
Counts
x10^4
13.675 min.
Acquisition Time (min)


+ Scan (13.638-13.711 min, 10 scans) M2602335.d
Counts
x10^3
Lib Match Score=74.6
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)

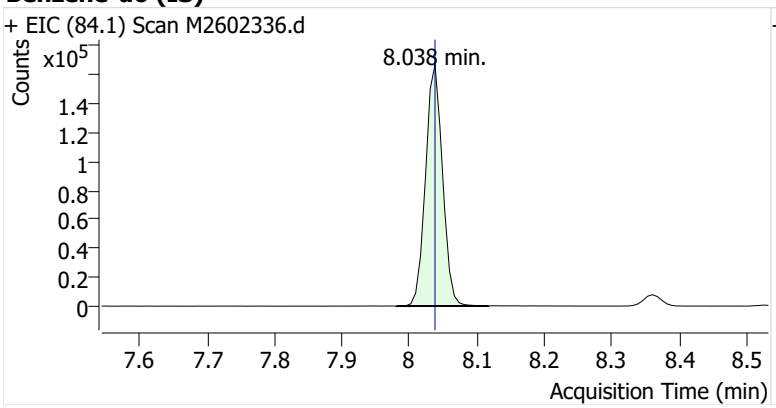
Name	PPSP-8-S-20260506
Comment	C37475
Data File	M2602336.d
Acq. Date-Time	5/28/2026 1:22:17 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

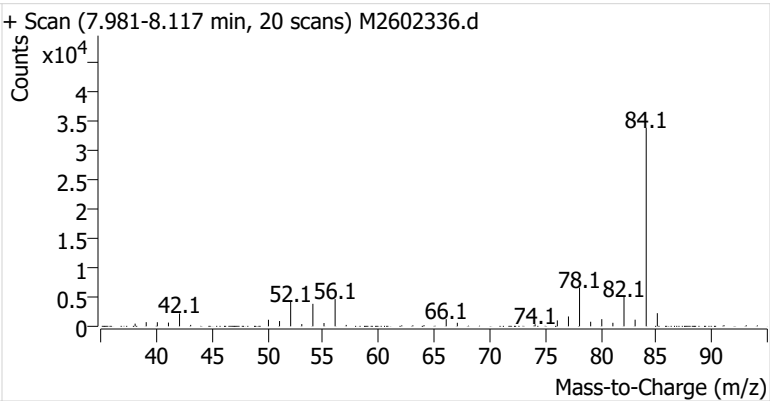
Sample Chromatogram



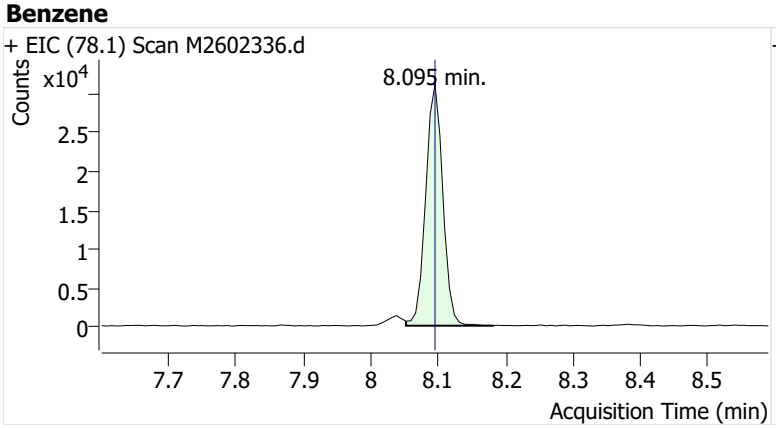
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	291,139	
Benzene	Benzene-d6 (IS)	8.095	8.095	54,655	
Toluene-d8 (IS)		10.717	10.724	322,090	
Toluene	Toluene-d8 (IS)	10.817	10.817	80,984	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	10,530	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	21,590	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	6,516	

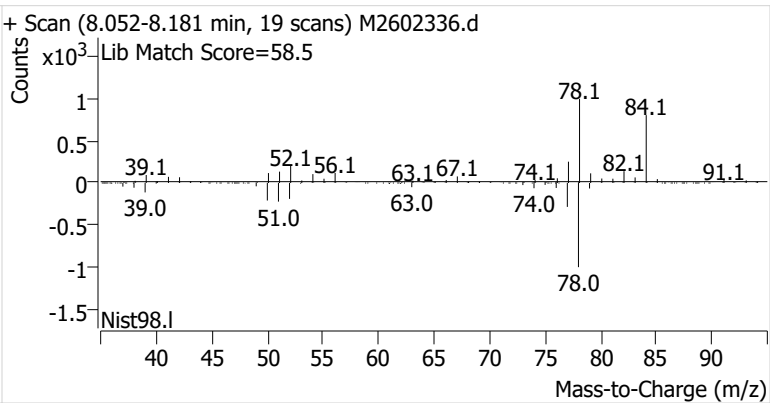
Benzene-d6 (IS)



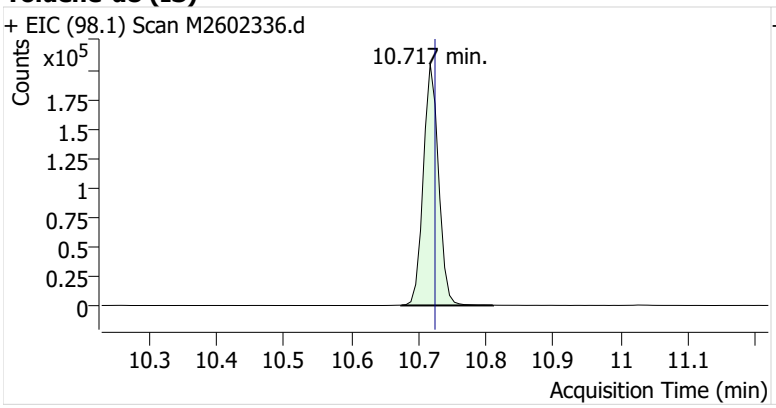


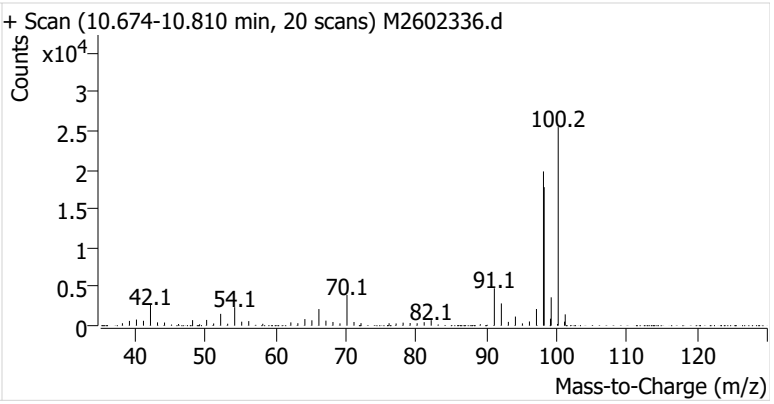
Benzene



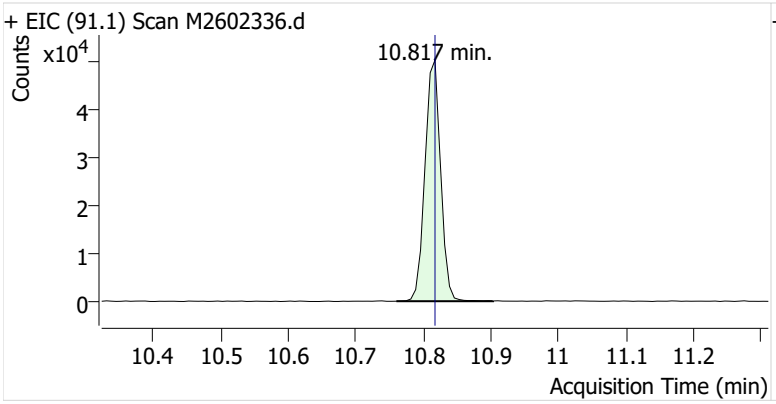


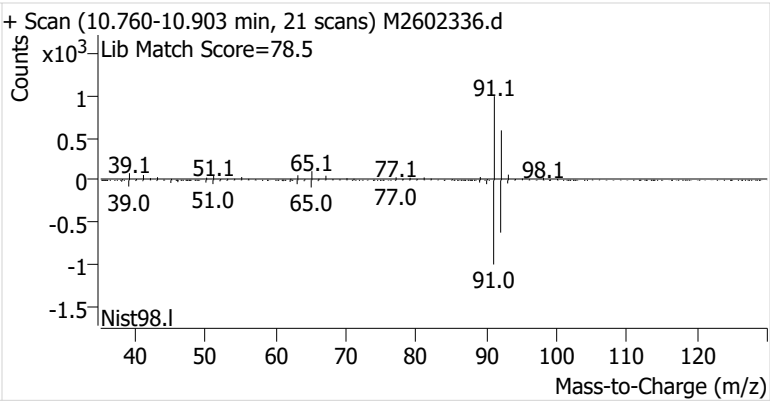
Toluene-d8 (IS)



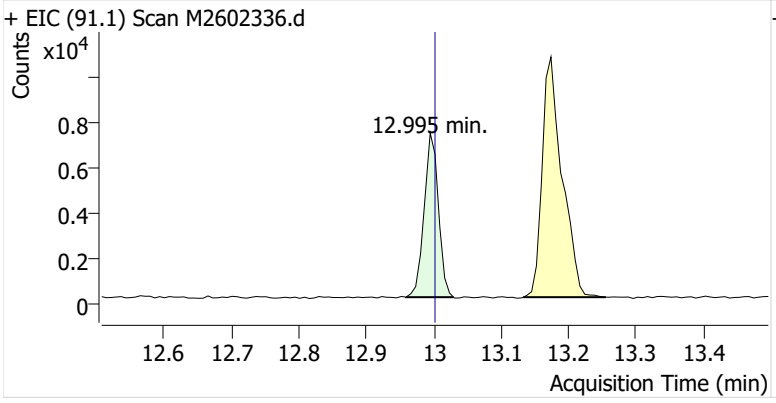


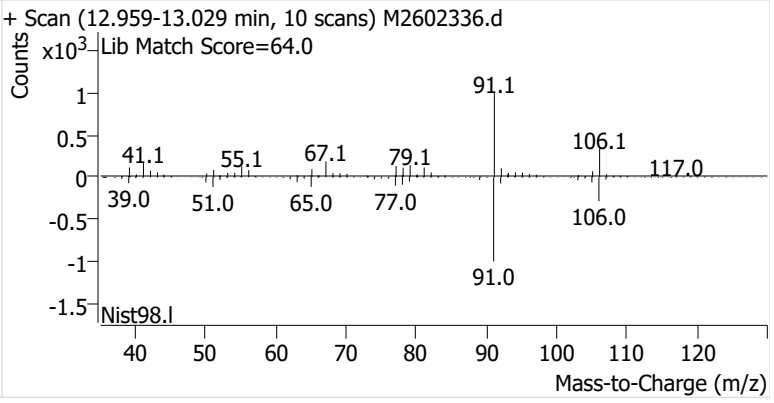
Toluene



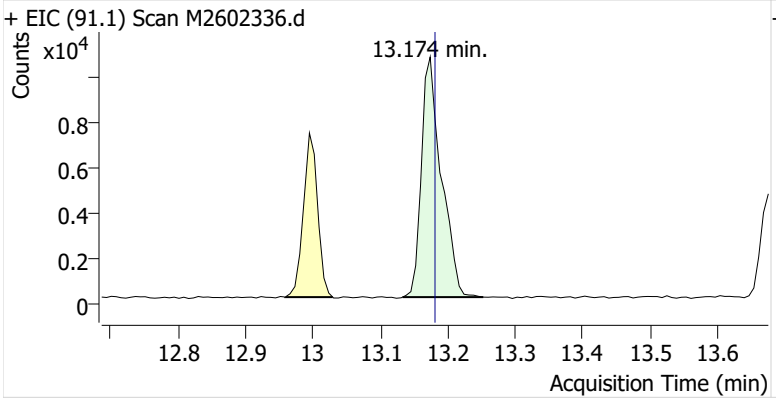


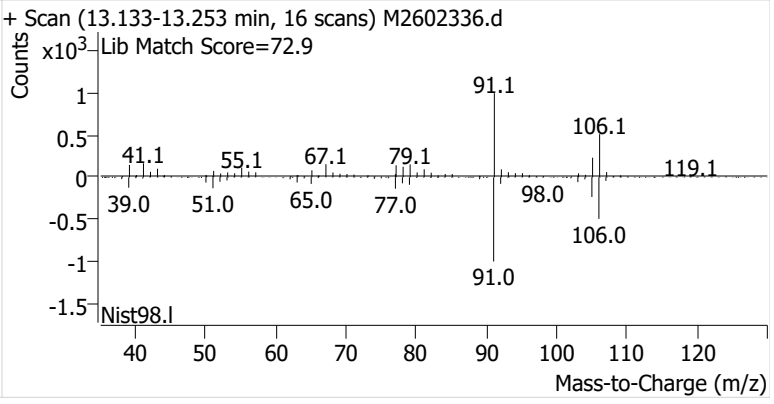
Ethylbenzene



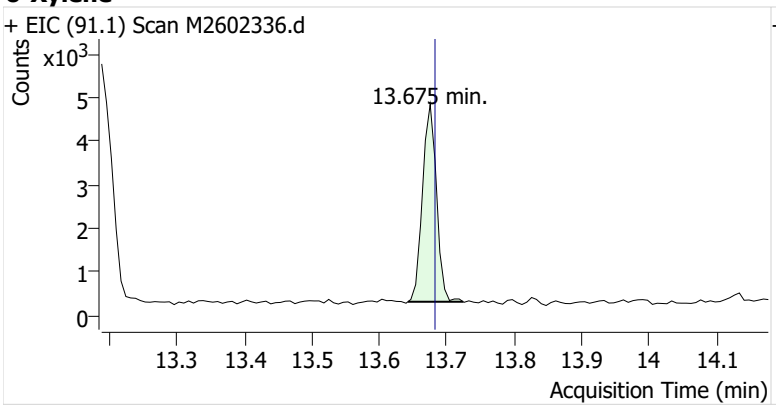


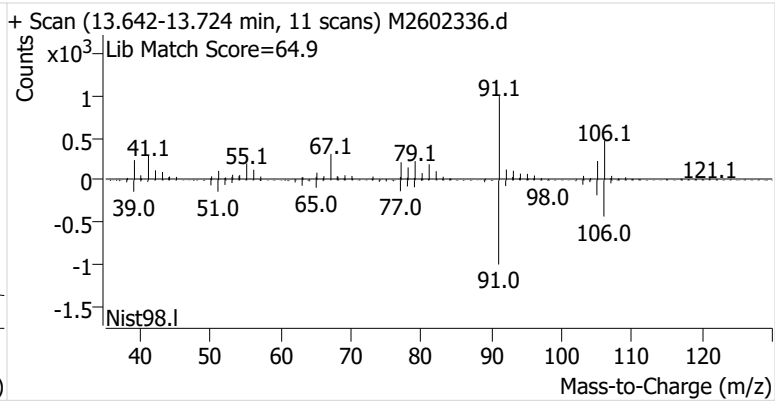
m-/p-Xylenes





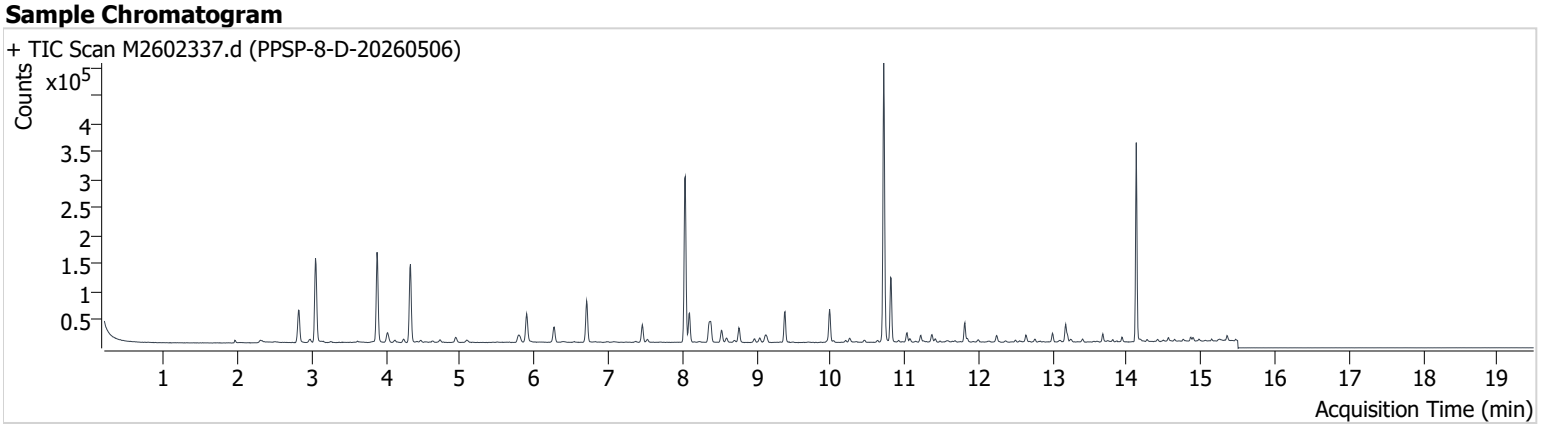
o-Xylene


+ EIC (91.1) Scan M2602336.d
Counts
x10^3
5
4
3
2
1
0
13.675 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.642-13.724 min, 11 scans) M2602336.d
Lib Match Score=64.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
121.1
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)

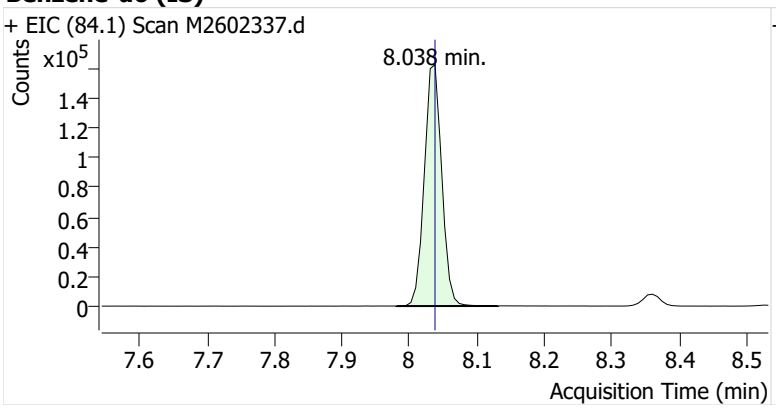
Name	PPSP-8-D-20260506
Comment	C37484
Data File	M2602337.d
Acq. Date-Time	5/28/2026 1:48:16 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

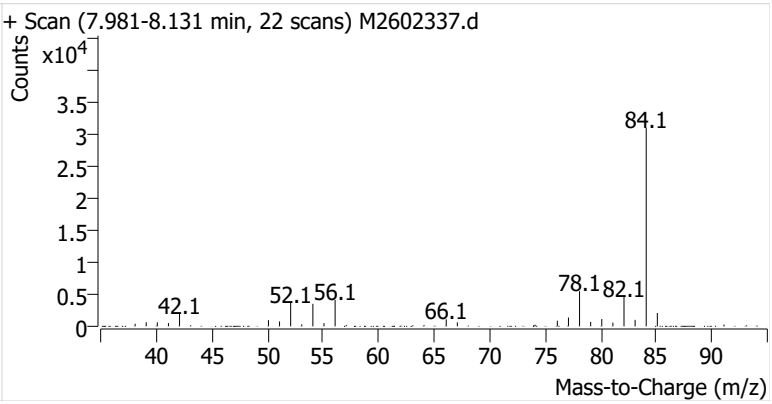
Sample Chromatogram



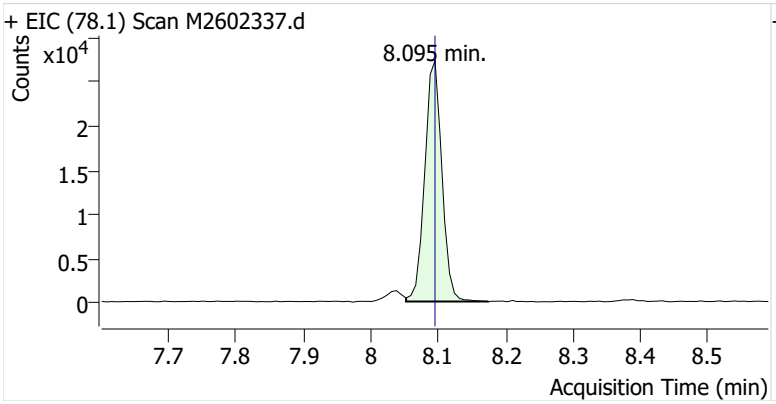
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	291,784	
Benzene	Benzene-d6 (IS)	8.095	8.095	47,946	
Toluene-d8 (IS)		10.717	10.724	320,486	
Toluene	Toluene-d8 (IS)	10.810	10.817	84,325	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	10,694	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	23,074	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	7,619	

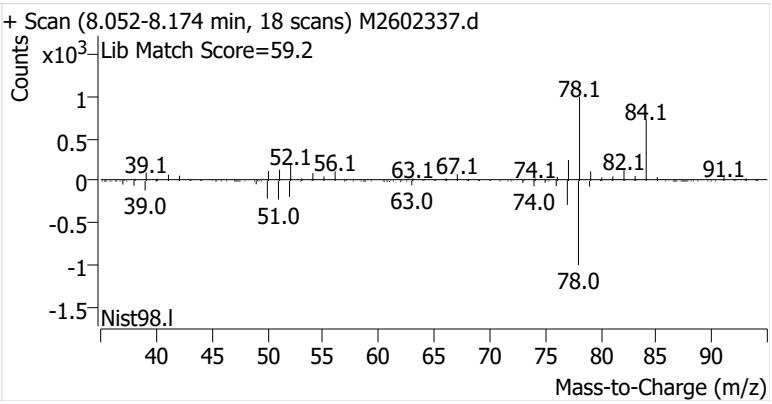
Benzene-d6 (IS)



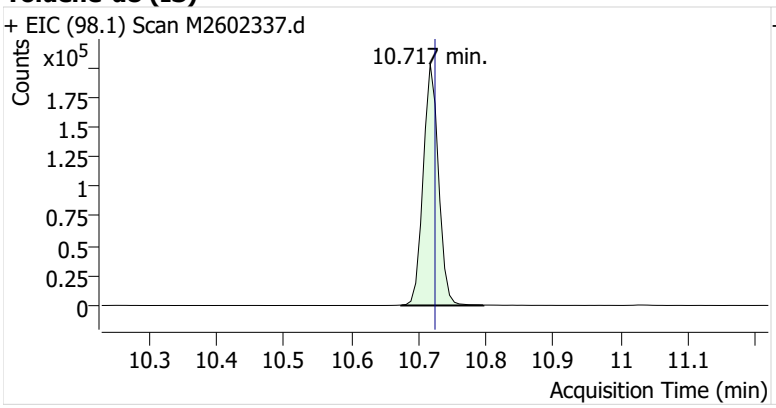


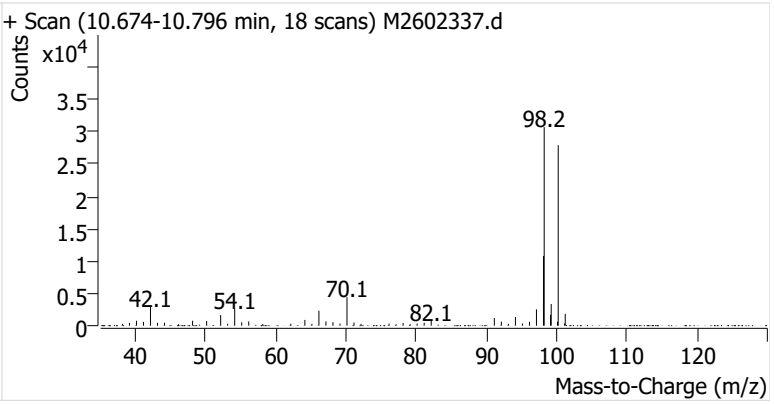
Benzene



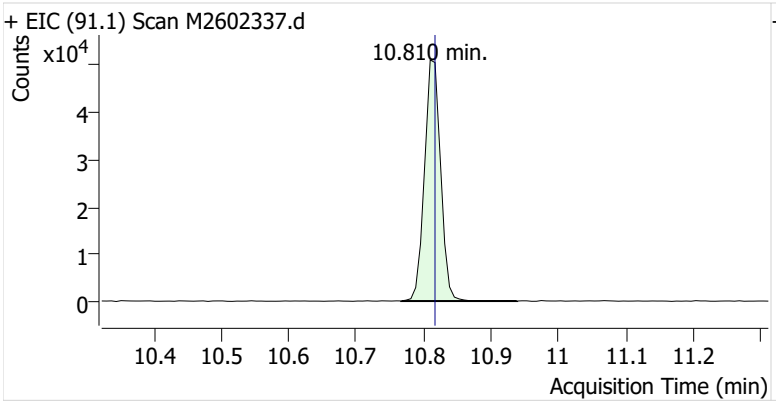


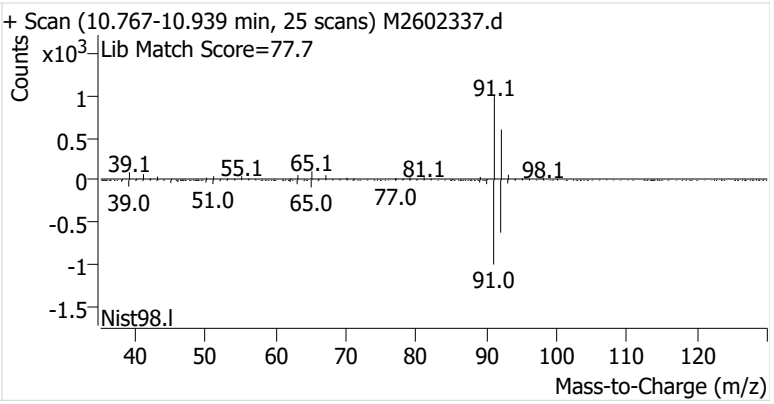
Toluene-d8 (IS)



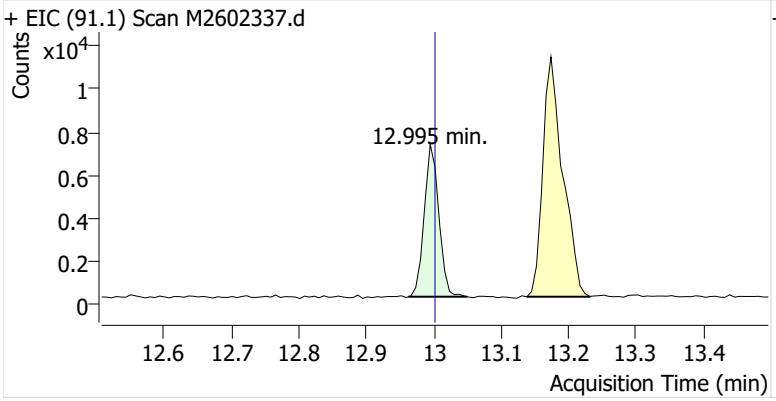


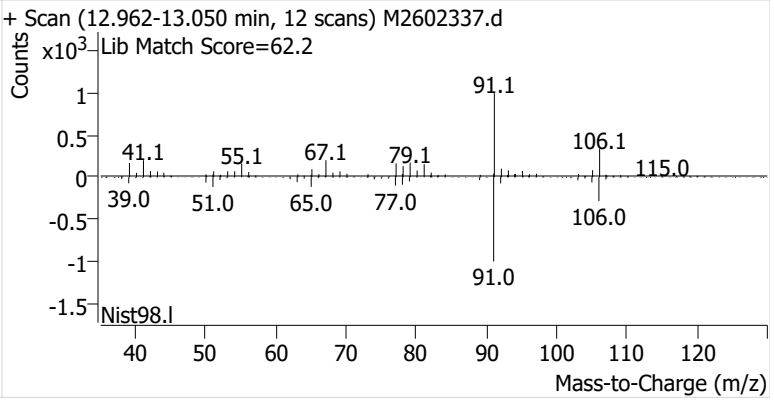
Toluene



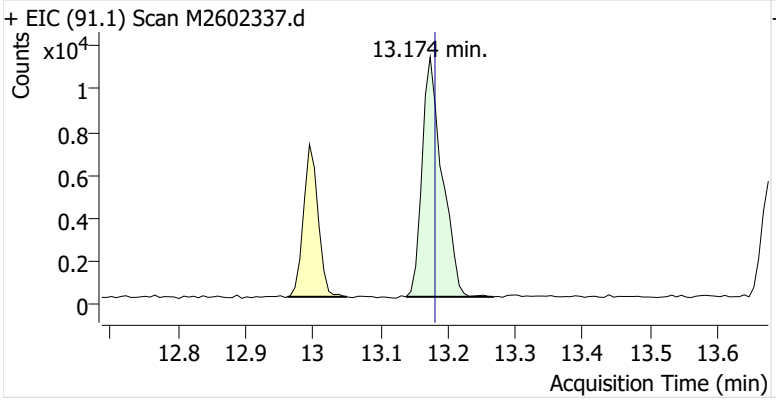


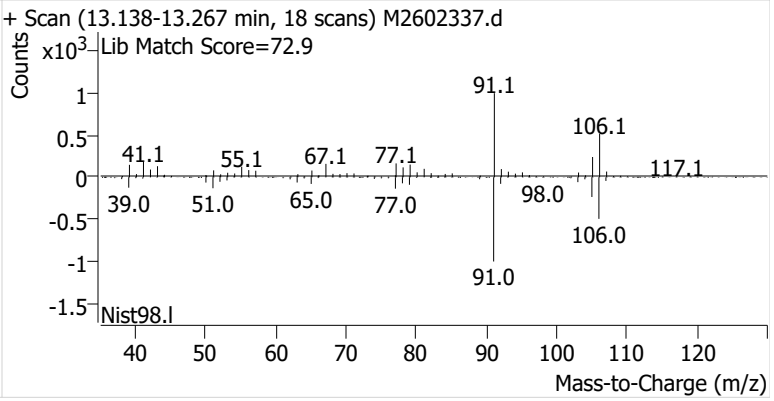
Ethylbenzene



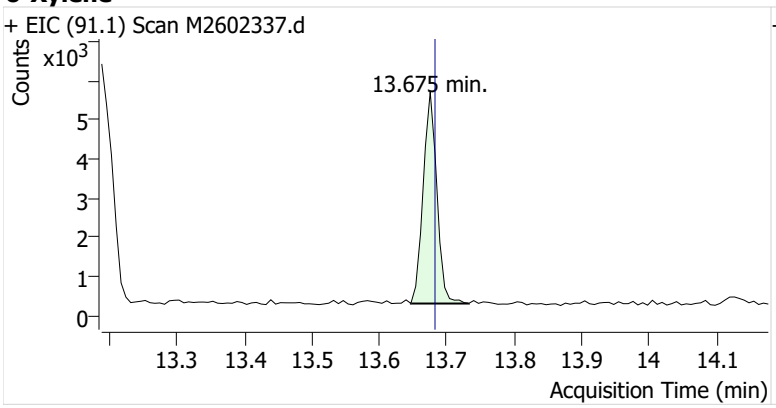


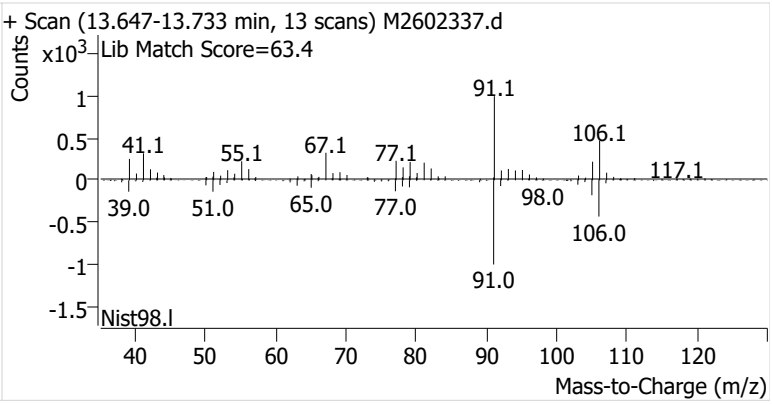
m-/p-Xylenes





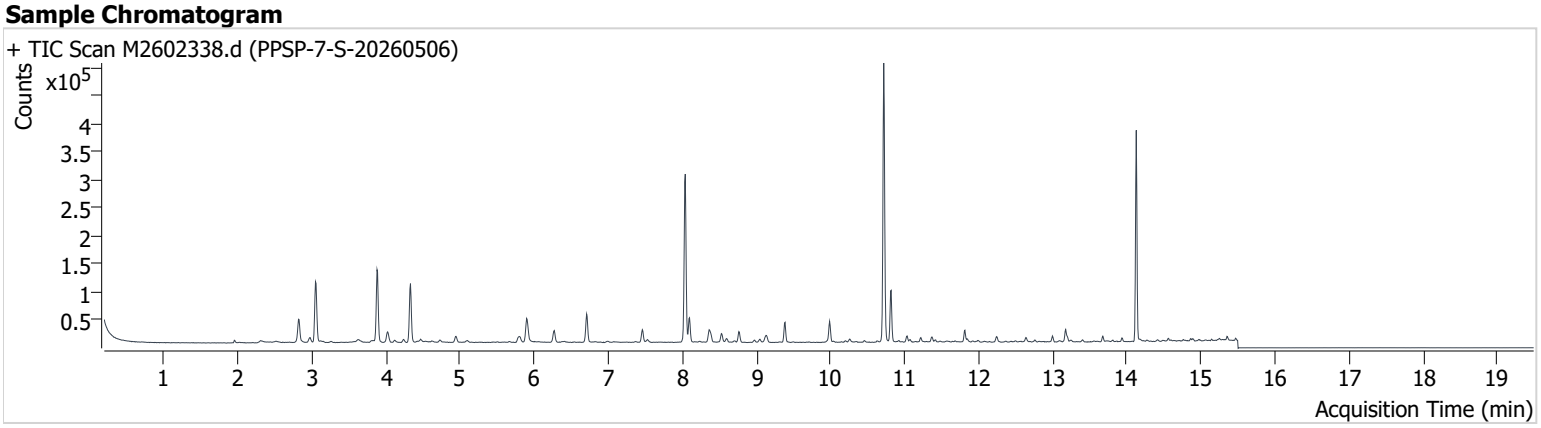
o-Xylene


+ EIC (91.1) Scan M2602337.d
Counts
x10^3
13.675 min.
Acquisition Time (min)


+ Scan (13.647-13.733 min, 13 scans) M2602337.d
Counts
x10^3
Lib Match Score=63.4
91.1
106.1
41.1
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)

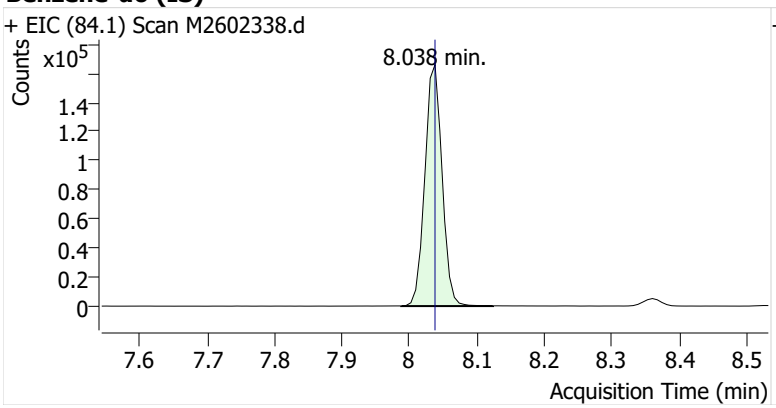
Name	PPSP-7-S-20260506
Comment	C70016
Data File	M2602338.d
Acq. Date-Time	5/28/2026 2:14:27 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

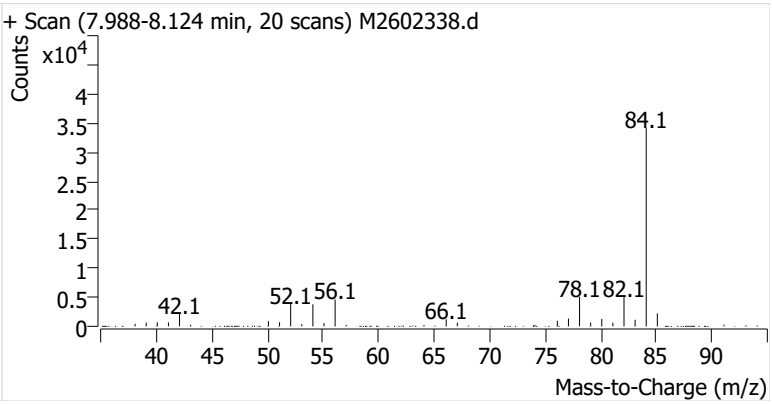
Sample Chromatogram



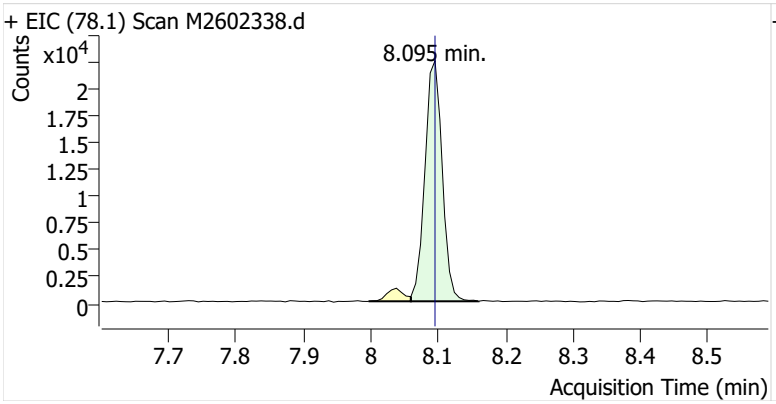
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.038	8.038	293,393	
Benzene	Benzene-d6 (IS)	8.095	8.095	40,001	
Toluene-d8 (IS)		10.717	10.724	321,127	
Toluene	Toluene-d8 (IS)	10.817	10.817	65,051	
Ethylbenzene	Toluene-d8 (IS)	12.995	13.002	6,843	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.181	15,878	
o-Xylene	Toluene-d8 (IS)	13.675	13.682	5,315	

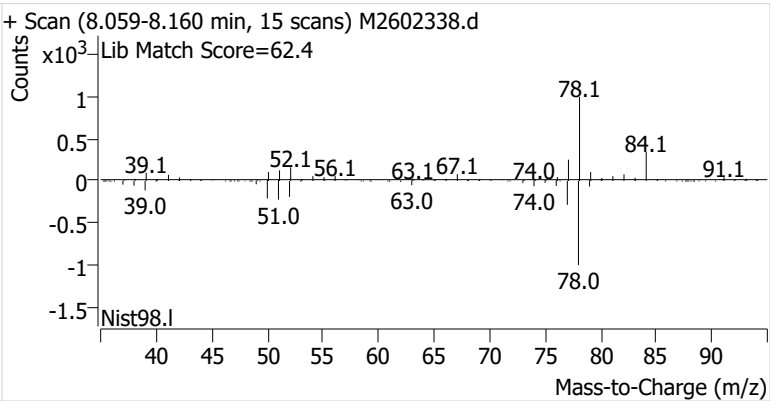
Benzene-d6 (IS)



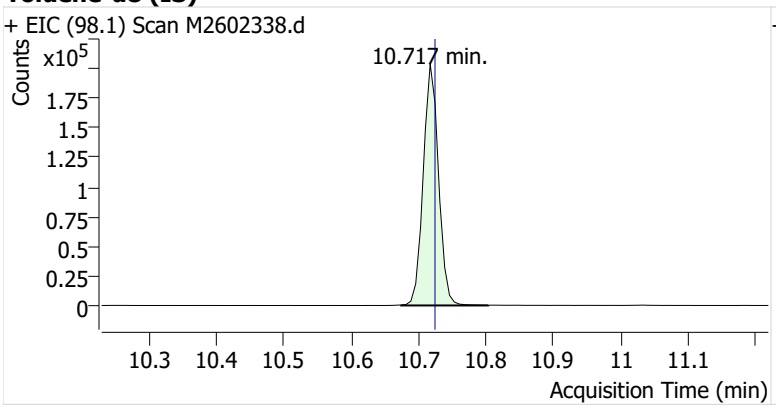


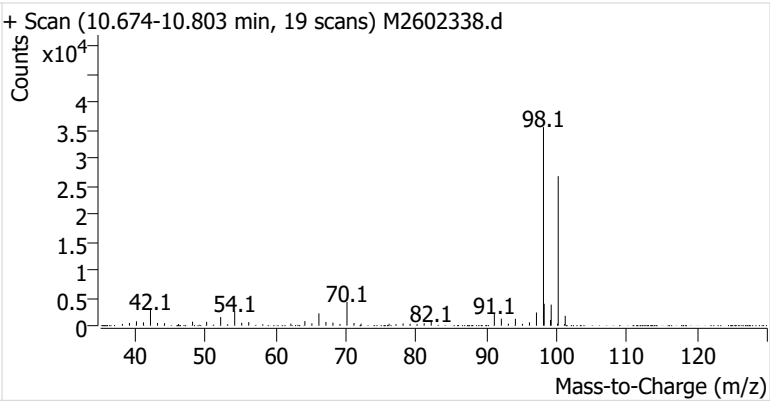
Benzene



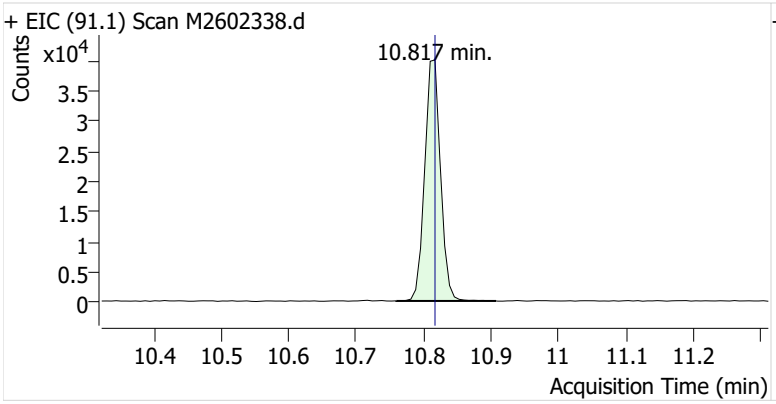


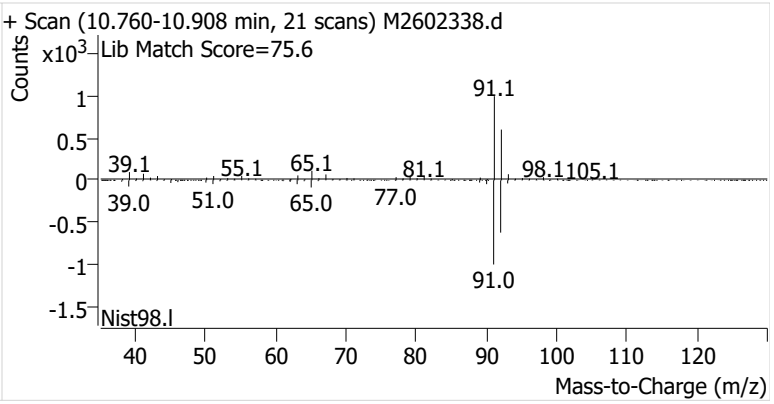
Toluene-d8 (IS)



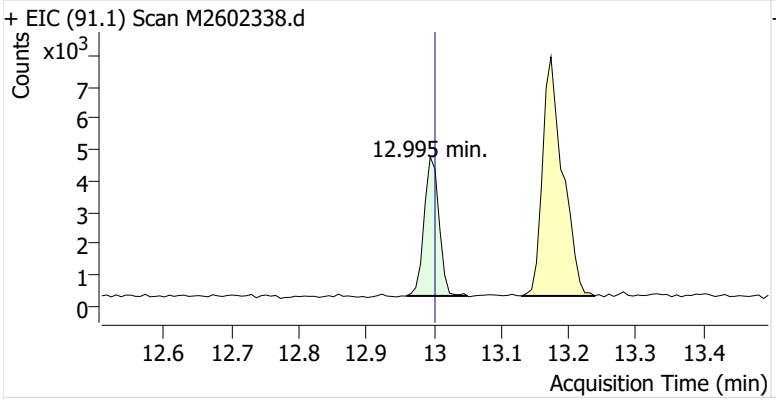


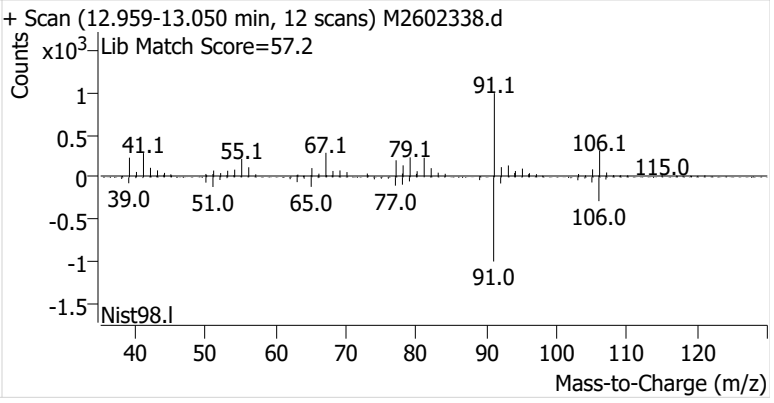
Toluene



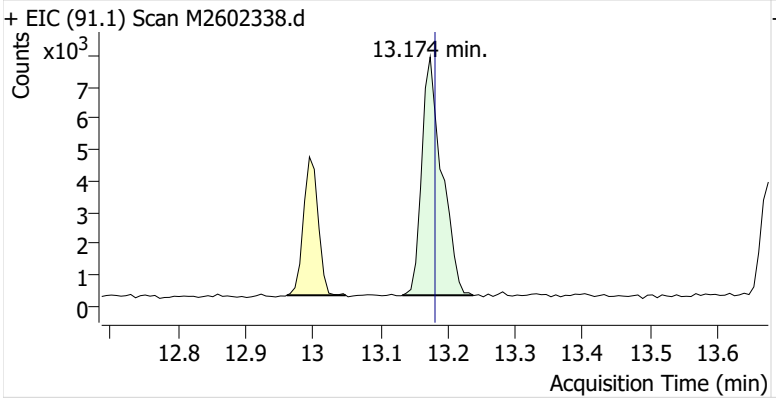


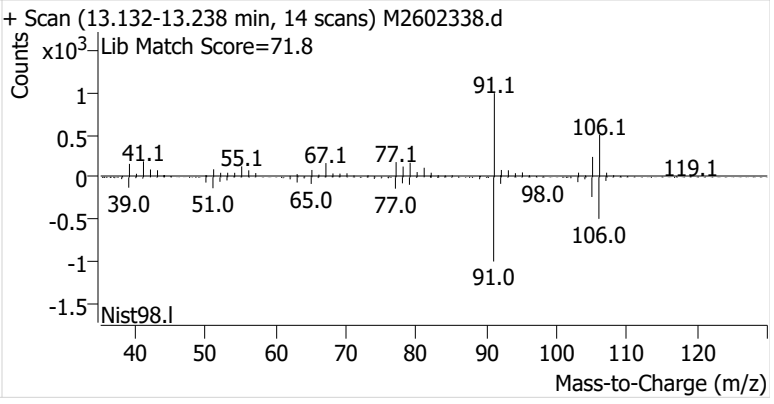
Ethylbenzene



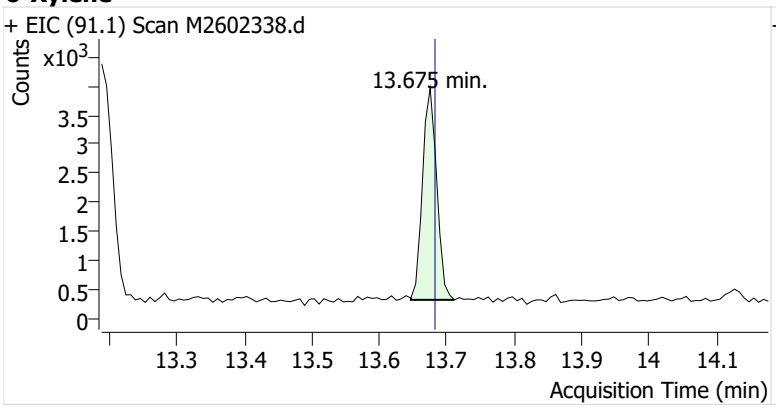


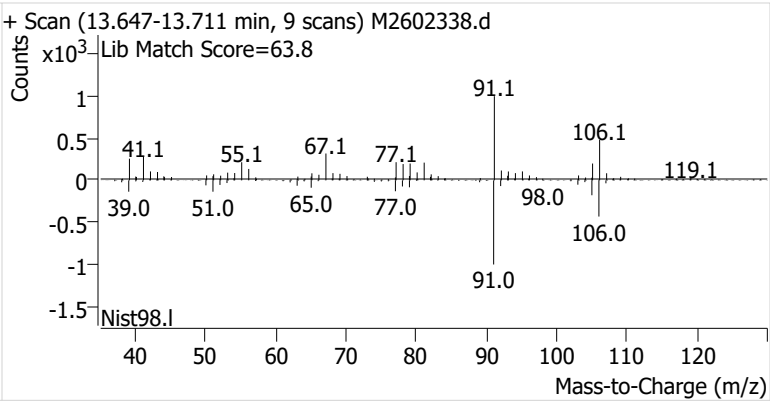
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan M2602338.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 (13.647-13.711 min, 9 scans) M2602338.d
Counts
x10^3
Lib Match Score=63.8
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
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: Power Engineers, Inc.
Job No.: 2026FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2026FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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

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

2026FW204

Page #1 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@wsp.com		
Zip:		**Telephone #:**			

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)
6	C40195	Sample	5/6/26	11:41 AM	5/20/26	10:08 AM	DTA/TGR		
5	C40548	Sample	5/6/26	11:46 AM	5/20/26	10:14 AM	DTA/TGR		
4	C36944	Sample	5/6/26	11:50 AM	5/20/26	10:19 AM	DTA/TGR		
3	C24168	Sample	5/6/26	11:54 AM	5/20/26	10:25 AM	DTA/TGR		
2	C01771	Sample	5/6/26	12:00 PM	5/20/26	10:30 AM	DTA/TGR		
1	C55424	Sample	5/6/26	12:03 PM	5/20/26	10:34 AM	DTA/TGR		
1	①~~C39264~~	Blank	5/6/26	12:03 PM	5/20/26	10:34 AM	DTA/TGR		
13	C67287	Sample	5/6/26	12:08 PM	5/20/26	10:38 AM	DTA/TGR		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Tom Rolfson		5/20/2026	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
David Taylor		5/27/26	10:00 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	**BTEX**	Y	
Ice Temp: / **Blank Temp:** 22.7 / Fluke 4		**Add Custody Seal # below:** 25E08933	

Comments:
①=EE-correction-C39164 **Please pull ambient temp from the KPWM NOAA station. Thank you.**

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

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

ENTHALPY

2026FW204 Page #2 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@wsp.com		
Zip:		**Telephone #:**			

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)
12	C31390	Sample	5/6/26	12:15 PM	5/20/26	10:42 AM	DTA/TGR		
11	C36977	Sample	5/6/26	12:19 PM	5/20/26	10:47 AM	DTA/TGR		
10	C55346	Sample	5/6/26	12:24 PM	5/20/26	10:51 AM	DTA/TGR		
9	C39264	Sample	5/6/26	12:28 PM	5/20/26	10:54 AM	DTA/TGR		
8	C37475	Sample	5/6/26	12:33 PM	5/20/26	10:59 AM	DTA/TGR		
8	C37484	Duplicate	5/6/26	12:33 PM	5/20/26	10:59 AM	DTA/TGR		
7	C70016	Sample	5/6/26	12:37 PM	5/20/26	11:03 AM	DTA/TGR		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Tom Rolfson		5/20/2026	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
David Taylor		5/27/26	10:00 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 22.7 / Fluke4		**Add Custody Seal # below:** 25E08933	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 6/4/2026

Analytical Report
2026FW205

EPA Method 325B Analysis

Report Issue Date: 6/12/2026

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:

Sarah Rhem

Sarah Rhem
Project Management
Onterris
sarahrhem@onterris.com

Sarah Rhem, Project Manager
SarahRhem@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW205-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Onterris/Enthalpy on June 4, 2026 at 16.9 °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 Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
PPSP-6-S-20260520	C69515	Sample
PPSP-5-S-20260520	C70548	Sample
PPSP-4-S-20260520	C34170	Sample
PPSP-3-S-20260520	C20594	Sample
PPSP-2-S-20260520	C57709	Sample
PPSP-1-S-20260520	C43385	Sample
PPSP-1-B-20260520	C55342	Blank
PPSP-13-S-20260520	C71732	Sample
PPSP-12-S-20260520	C43661	Sample
PPSP-11-S-20260520	C57722	Sample
PPSP-10-S-20260520	C69591	Sample
PPSP-9-S-20260520	C35897	Sample
PPSP-8-S-20260520	C57717	Sample
PPSP-8-D-20260520	B50883	Duplicate
PPSP-7-S-20260520	C57697	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.

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.

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW205-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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.

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: Power Engineers, Inc.
Job No.: 2026FW205-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260520	C69515	0.988		2.31			ND	0.934		0.279	J
PPSP-5-S-20260520	C70548	0.857		1.85			ND	0.843			ND
PPSP-4-S-20260520	C34170	1.05		2.19			ND	0.887		0.276	J
PPSP-3-S-20260520	C20594	0.862		1.64			ND	0.528	J		ND
PPSP-2-S-20260520	C57709	1.43		2.79		0.276	J	1.19		0.344	J
PPSP-1-S-20260520	C43385	2.10		4.91		0.441	J	1.91		0.548	J
PPSP-1-B-20260520	C55342		ND		ND		ND		ND		ND
PPSP-13-S-20260520	C71732	4.66		8.27		0.795		3.47		0.991	
PPSP-12-S-20260520	C43661	2.44		4.46		0.433	J	1.62		0.471	J
PPSP-11-S-20260520	C57722	5.66		10.9		1.19		5.37		1.45	
PPSP-10-S-20260520	C69591	8.84		16.5		1.67		7.56		2.10	
PPSP-9-S-20260520	C35897	6.25		11.8		1.17		4.76		1.29	
PPSP-8-S-20260520	C57717	2.37		4.45		0.445	J	1.69		0.462	J
PPSP-8-D-20260520	B50883	2.38		4.41		0.462	J	1.66		0.474	J
PPSP-7-S-20260520	C57697	1.22		2.37		0.282	J	1.11		0.327	J

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: Power Engineers, Inc.
Job No.: 2026FW205-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260520	C69515	0.988	0.309	13.1	57.6	0.658	20155	0.189	0.451	0.0591	0.141		F2603718.D	2026-06-05 22:58	0.922	7.932	89026	404838	54.9	7.871	-0.3%
PPSP-5-S-20260520	C70548	0.857	0.268	11.4	57.6	0.658	20158	0.189	0.451	0.0591	0.141		F2603719.D	2026-06-05 23:23	0.922	7.932	77823	407765	54.9	7.877	0.5%
PPSP-4-S-20260520	C34170	1.05	0.327	13.9	57.6	0.658	20158	0.189	0.451	0.0591	0.141		F2603720.D	2026-06-05 23:49	0.922	7.932	92695	398330	54.9	7.877	-1.9%
PPSP-3-S-20260520	C20594	0.862	0.270	11.4	57.6	0.658	20157	0.189	0.451	0.0591	0.141		F2603721.D	2026-06-06 00:15	0.922	7.932	78107	406747	54.9	7.877	0.2%
PPSP-2-S-20260520	C57709	1.43	0.449	19.0	57.6	0.658	20158	0.189	0.451	0.0591	0.141		F2603722.D	2026-06-06 00:41	0.922	7.932	131457	411811	54.9	7.877	1.5%
PPSP-1-S-20260520	C43385	2.10	0.658	27.9	57.6	0.658	20157	0.189	0.451	0.0591	0.141		F2603723.D	2026-06-06 01:06	0.922	7.932	191799	409805	54.9	7.877	1.0%
PPSP-1-B-20260520	C55342				57.6	0.658	20157	0.189	0.451	0.0591	0.141	ND	F2603717.D	2026-06-05 22:32	0.922	7.932	4094	393717	54.9	7.877	-3.0%
PPSP-13-S-20260520	C71732	4.66	1.46	61.8	57.6	0.658	20159	0.189	0.451	0.0591	0.141		F2603724.D	2026-06-06 01:32	0.922	7.932	426413	411099	54.9	7.877	1.3%
PPSP-12-S-20260520	C43661	2.44	0.763	32.3	57.6	0.658	20166	0.188	0.451	0.0590	0.141		F2603725.D	2026-06-06 01:57	0.922	7.932	222064	409028	54.9	7.877	0.8%
PPSP-11-S-20260520	C57722	5.66	1.77	75.1	57.6	0.658	20166	0.188	0.451	0.0590	0.141		F2603726.D	2026-06-06 02:23	0.922	7.932	522766	414387	54.9	7.877	2.1%
PPSP-10-S-20260520	C69591	8.84	2.77	117	57.6	0.658	20168	0.188	0.451	0.0590	0.141		F2603728.D	2026-06-06 03:12	0.922	7.932	805634	409208	54.9	7.877	0.8%
PPSP-9-S-20260520	C35897	6.25	1.96	83.0	57.6	0.658	20169	0.188	0.451	0.0590	0.141		F2603729.D	2026-06-06 03:38	0.922	7.932	570305	409390	54.9	7.877	0.9%
PPSP-8-S-20260520	C57717	2.37	0.742	31.4	57.6	0.658	20170	0.188	0.451	0.0590	0.141		F2603730.D	2026-06-06 04:03	0.922	7.932	217268	411782	54.9	7.877	1.5%
PPSP-8-D-20260520	B50883	2.38	0.744	31.5	57.6	0.658	20170	0.188	0.451	0.0590	0.141		F2603731.D	2026-06-06 04:30	0.922	7.932	214889	405901	54.9	7.877	0.0%
PPSP-7-S-20260520	C57697	1.22	0.383	16.2	57.6	0.658	20172	0.188	0.451	0.0590	0.141		F2603732.D	2026-06-06 04:55	0.922	7.932	111368	409183	54.9	7.877	0.8%

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
PPSP-6-S-20260520	C69515	2.31	0.612	23.7	57.6	0.511	20155	0.243	0.510	0.0645	0.136		F2603718.D	2026-06-05 22:58	1.136	10.655	181895	437705	64.8	10.557	0.8%
PPSP-5-S-20260520	C70548	1.85	0.491	19.0	57.6	0.511	20158	0.243	0.510	0.0645	0.136		F2603719.D	2026-06-05 23:23	1.136	10.655	149549	448396	64.8	10.557	3.3%
PPSP-4-S-20260520	C34170	2.19	0.581	22.5	57.6	0.511	20158	0.243	0.510	0.0645	0.136		F2603720.D	2026-06-05 23:49	1.136	10.655	174524	442548	64.8	10.563	1.9%
PPSP-3-S-20260520	C20594	1.64	0.435	16.9	57.6	0.511	20157	0.243	0.510	0.0645	0.136		F2603721.D	2026-06-06 00:15	1.136	10.655	129714	439105	64.8	10.557	1.1%
PPSP-2-S-20260520	C57709	2.79	0.740	28.7	57.6	0.511	20158	0.243	0.510	0.0645	0.136		F2603722.D	2026-06-06 00:41	1.136	10.654	222687	443084	64.8	10.556	2.0%
PPSP-1-S-20260520	C43385	4.91	1.30	50.5	57.6	0.511	20157	0.243	0.510	0.0645	0.136		F2603723.D	2026-06-06 01:06	1.136	10.655	391628	442929	64.8	10.557	2.0%
PPSP-1-B-20260520	C55342				57.6	0.511	20157	0.243	0.510	0.0645	0.136	ND	F2603717.D	2026-06-05 22:32	1.136	10.655	9134	433696	64.8	10.563	-0.1%
PPSP-13-S-20260520	C71732	8.27	2.20	85.1	57.6	0.511	20159	0.243	0.510	0.0645	0.136		F2603724.D	2026-06-06 01:32	1.136	10.655	662769	444655	64.8	10.557	2.4%
PPSP-12-S-20260520	C43661	4.46	1.18	45.9	57.6	0.511	20166	0.243	0.510	0.0645	0.135		F2603725.D	2026-06-06 01:57	1.136	10.655	360751	448432	64.8	10.557	3.3%
PPSP-11-S-20260520	C57722	10.9	2.89	112	57.6	0.511	20166	0.243	0.510	0.0645	0.135		F2603726.D	2026-06-06 02:23	1.136	10.661	882805	449426	64.8	10.563	3.5%
PPSP-10-S-20260520	C69591	16.5	4.38	170	57.6	0.511	20168	0.243	0.510	0.0645	0.135		F2603728.D	2026-06-06 03:12	1.136	10.655	1327994	446017	64.8	10.563	2.7%
PPSP-9-S-20260520	C35897	11.8	3.14	122	57.6	0.511	20169	0.243	0.510	0.0645	0.135		F2603729.D	2026-06-06 03:38	1.136	10.655	955811	447710	64.8	10.557	3.1%
PPSP-8-S-20260520	C57717	4.45	1.18	45.8	57.6	0.511	20170	0.243	0.510	0.0645	0.135		F2603730.D	2026-06-06 04:03	1.136	10.661	355112	442571	64.8	10.563	1.9%
PPSP-8-D-20260520	B50883	4.41	1.17	45.5	57.6	0.511	20170	0.243	0.510	0.0645	0.135		F2603731.D	2026-06-06 04:30	1.136	10.655	354266	444955	64.8	10.557	2.5%
PPSP-7-S-20260520	C57697	2.37	0.629	24.4	57.6	0.511	20172	0.243	0.510	0.0645	0.135		F2603732.D	2026-06-06 04:55	1.136	10.661	187642	439143	64.8	10.563	1.1%

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
PPSP-6-S-20260520	C69515				57.6	0.452	20155	0.275	0.600	0.0633	0.138	ND	F2603718.D	2026-06-05 22:58	1.268	12.839	19003	437705	64.8	10.557	0.8%
PPSP-5-S-20260520	C70548				57.6	0.452	20158	0.275	0.600	0.0633	0.138	ND	F2603719.D	2026-06-05 23:23	1.268	12.845	18221	448396	64.8	10.557	3.3%
PPSP-4-S-20260520	C34170				57.6	0.452	20158	0.275	0.600	0.0633	0.138	ND	F2603720.D	2026-06-05 23:49	1.268	12.839	21100	442548	64.8	10.563	1.9%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260520	C20594				57.6	0.452	20157	0.275	0.600	0.0633	0.138	ND	F2603721.D	2026-06-06 00:15	1.268	12.839	15863	439105	64.8	10.557	1.1%
PPSP-2-S-20260520	C57709	0.276	0.0635	2.51	57.6	0.452	20158	0.275	0.600	0.0633	0.138	J	F2603722.D	2026-06-06 00:41	1.268	12.845	21752	443084	64.8	10.556	2.0%
PPSP-1-S-20260520	C43385	0.441	0.102	4.02	57.6	0.452	20157	0.275	0.600	0.0633	0.138	J	F2603723.D	2026-06-06 01:06	1.268	12.839	34800	442929	64.8	10.557	2.0%
PPSP-1-B-20260520	C55342				57.6	0.452	20157	0.275	0.600	0.0633	0.138	ND	F2603717.D	2026-06-05 22:32	1.268	12.839	423	433696	64.8	10.563	-0.1%
PPSP-13-S-20260520	C71732	0.795	0.183	7.24	57.6	0.452	20159	0.275	0.600	0.0633	0.138		F2603724.D	2026-06-06 01:32	1.268	12.839	62981	444655	64.8	10.557	2.4%
PPSP-12-S-20260520	C43661	0.433	0.0997	3.94	57.6	0.452	20166	0.275	0.599	0.0633	0.138	J	F2603725.D	2026-06-06 01:57	1.268	12.839	34556	448432	64.8	10.557	3.3%
PPSP-11-S-20260520	C57722	1.19	0.274	10.8	57.6	0.452	20166	0.275	0.599	0.0633	0.138		F2603726.D	2026-06-06 02:23	1.268	12.845	95224	449426	64.8	10.563	3.5%
PPSP-10-S-20260520	C69591	1.67	0.386	15.2	57.6	0.452	20168	0.274	0.599	0.0633	0.138		F2603728.D	2026-06-06 03:12	1.268	12.839	132967	446017	64.8	10.563	2.7%
PPSP-9-S-20260520	C35897	1.17	0.270	10.7	57.6	0.452	20169	0.274	0.599	0.0633	0.138		F2603729.D	2026-06-06 03:38	1.268	12.839	93505	447710	64.8	10.557	3.1%
PPSP-8-S-20260520	C57717	0.445	0.103	4.05	57.6	0.452	20170	0.274	0.599	0.0632	0.138	J	F2603730.D	2026-06-06 04:03	1.268	12.839	35096	442571	64.8	10.563	1.9%
PPSP-8-D-20260520	B50883	0.462	0.106	4.21	57.6	0.452	20170	0.274	0.599	0.0632	0.138	J	F2603731.D	2026-06-06 04:30	1.268	12.839	36626	444955	64.8	10.557	2.5%
PPSP-7-S-20260520	C57697	0.282	0.0649	2.57	57.6	0.452	20172	0.274	0.599	0.0632	0.138	J	F2603732.D	2026-06-06 04:55	1.268	12.839	22051	439143	64.8	10.563	1.1%

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
PPSP-6-S-20260520	C69515	0.934	0.215	8.50	57.6	0.452	20155	0.275	0.672	0.0633	0.155		F2603718.D	2026-06-05 22:58	1.019	13.016	58470	437705	64.8	10.557	0.8%
PPSP-5-S-20260520	C70548	0.843	0.194	7.67	57.6	0.452	20158	0.275	0.672	0.0633	0.155		F2603719.D	2026-06-05 23:23	1.019	13.016	54087	448396	64.8	10.557	3.3%
PPSP-4-S-20260520	C34170	0.887	0.204	8.07	57.6	0.452	20158	0.275	0.672	0.0633	0.155		F2603720.D	2026-06-05 23:49	1.019	13.016	56150	442548	64.8	10.563	1.9%
PPSP-3-S-20260520	C20594	0.528	0.122	4.81	57.6	0.452	20157	0.275	0.672	0.0633	0.155	J	F2603721.D	2026-06-06 00:15	1.019	13.016	33185	439105	64.8	10.557	1.1%
PPSP-2-S-20260520	C57709	1.19	0.275	10.9	57.6	0.452	20158	0.275	0.672	0.0633	0.155		F2603722.D	2026-06-06 00:41	1.019	13.016	75699	443084	64.8	10.556	2.0%
PPSP-1-S-20260520	C43385	1.91	0.440	17.4	57.6	0.452	20157	0.275	0.672	0.0633	0.155		F2603723.D	2026-06-06 01:06	1.019	13.016	121126	442929	64.8	10.557	2.0%
PPSP-1-B-20260520	C55342				57.6	0.452	20157	0.275	0.672	0.0633	0.155	ND	F2603717.D	2026-06-05 22:32	1.019	13.022	216	433696	64.8	10.563	-0.1%
PPSP-13-S-20260520	C71732	3.47	0.800	31.6	57.6	0.452	20159	0.275	0.672	0.0633	0.155		F2603724.D	2026-06-06 01:32	1.019	13.016	220787	444655	64.8	10.557	2.4%
PPSP-12-S-20260520	C43661	1.62	0.374	14.8	57.6	0.452	20166	0.275	0.672	0.0633	0.155		F2603725.D	2026-06-06 01:57	1.019	13.016	104167	448432	64.8	10.557	3.3%
PPSP-11-S-20260520	C57722	5.37	1.24	48.9	57.6	0.452	20166	0.275	0.672	0.0633	0.155		F2603726.D	2026-06-06 02:23	1.019	13.016	345225	449426	64.8	10.563	3.5%
PPSP-10-S-20260520	C69591	7.56	1.74	68.9	57.6	0.452	20168	0.274	0.672	0.0633	0.155		F2603728.D	2026-06-06 03:12	1.019	13.016	482902	446017	64.8	10.563	2.7%
PPSP-9-S-20260520	C35897	4.76	1.10	43.4	57.6	0.452	20169	0.274	0.672	0.0633	0.155		F2603729.D	2026-06-06 03:38	1.019	13.016	305116	447710	64.8	10.557	3.1%
PPSP-8-S-20260520	C57717	1.69	0.390	15.4	57.6	0.452	20170	0.274	0.672	0.0632	0.155		F2603730.D	2026-06-06 04:03	1.019	13.016	107107	442571	64.8	10.563	1.9%
PPSP-8-D-20260520	B50883	1.66	0.384	15.2	57.6	0.452	20170	0.274	0.672	0.0632	0.155		F2603731.D	2026-06-06 04:30	1.019	13.016	106063	444955	64.8	10.557	2.5%
PPSP-7-S-20260520	C57697	1.11	0.257	10.1	57.6	0.452	20172	0.274	0.672	0.0632	0.155		F2603732.D	2026-06-06 04:55	1.019	13.016	70045	439143	64.8	10.563	1.1%

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
PPSP-6-S-20260520	C69515	0.279	0.0643	2.54	57.6	0.452	20155	0.275	0.625	0.0633	0.144	J	F2603718.D	2026-06-05 22:58	1.071	13.524	18373	437705	64.8	10.557	0.8%
PPSP-5-S-20260520	C70548				57.6	0.452	20158	0.275	0.625	0.0633	0.144	ND	F2603719.D	2026-06-05 23:23	1.071	13.524	17487	448396	64.8	10.557	3.3%
PPSP-4-S-20260520	C34170	0.276	0.0637	2.52	57.6	0.452	20158	0.275	0.625	0.0633	0.144	J	F2603720.D	2026-06-05 23:49	1.071	13.524	18405	442548	64.8	10.563	1.9%
PPSP-3-S-20260520	C20594				57.6	0.452	20157	0.275	0.625	0.0633	0.144	ND	F2603721.D	2026-06-06 00:15	1.071	13.524	10399	439105	64.8	10.557	1.1%
PPSP-2-S-20260520	C57709	0.344	0.0794	3.14	57.6	0.452	20158	0.275	0.625	0.0633	0.144	J	F2603722.D	2026-06-06 00:41	1.071	13.524	22961	443084	64.8	10.556	2.0%
PPSP-1-S-20260520	C43385	0.548	0.126	4.99	57.6	0.452	20157	0.275	0.625	0.0633	0.144	J	F2603723.D	2026-06-06 01:06	1.071	13.524	36522	442929	64.8	10.557	2.0%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260520	C55342				57.6	0.452	20157	0.275	0.625	0.0633	0.144	ND	F2603717.D	2026-06-05 22:32	1.071	13.536	293	433696	64.8	10.563	-0.1%
PPSP-13-S-20260520	C71732	0.991	0.228	9.02	57.6	0.452	20159	0.275	0.625	0.0633	0.144		F2603724.D	2026-06-06 01:32	1.071	13.524	66309	444655	64.8	10.557	2.4%
PPSP-12-S-20260520	C43661	0.471	0.108	4.29	57.6	0.452	20166	0.275	0.625	0.0633	0.144	J	F2603725.D	2026-06-06 01:57	1.071	13.524	31762	448432	64.8	10.557	3.3%
PPSP-11-S-20260520	C57722	1.45	0.334	13.2	57.6	0.452	20166	0.275	0.625	0.0633	0.144		F2603726.D	2026-06-06 02:23	1.071	13.524	98074	449426	64.8	10.563	3.5%
PPSP-10-S-20260520	C69591	2.10	0.484	19.1	57.6	0.452	20168	0.274	0.625	0.0633	0.144		F2603728.D	2026-06-06 03:12	1.071	13.524	141118	446017	64.8	10.563	2.7%
PPSP-9-S-20260520	C35897	1.29	0.296	11.7	57.6	0.452	20169	0.274	0.625	0.0633	0.144		F2603729.D	2026-06-06 03:38	1.071	13.524	86695	447710	64.8	10.557	3.1%
PPSP-8-S-20260520	C57717	0.462	0.106	4.21	57.6	0.452	20170	0.274	0.625	0.0632	0.144	J	F2603730.D	2026-06-06 04:03	1.071	13.518	30759	442571	64.8	10.563	1.9%
PPSP-8-D-20260520	B50883	0.474	0.109	4.32	57.6	0.452	20170	0.274	0.625	0.0632	0.144	J	F2603731.D	2026-06-06 04:30	1.071	13.524	31733	444955	64.8	10.557	2.5%
PPSP-7-S-20260520	C57697	0.327	0.0753	2.98	57.6	0.452	20172	0.274	0.625	0.0632	0.144	J	F2603732.D	2026-06-06 04:55	1.071	13.524	21595	439143	64.8	10.563	1.1%

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: Power Engineers, Inc.

Job No.: 2026FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260520	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260520	0.34%	Pass	0.78%	Pass	3.7%	Pass	1.5%	Pass	2.6%	Pass

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	F2603715.D	C43658	Cal	0.922	0.864	0.922	6.7%	-13%		Pass	
2026FW205 Method Blank 1	F2603716.D	C32900	Blank		0.864	0.922			-3.7%	Pass	ND
M325B CCV 5 REC	F2603727.D	C01584	Check	0.944	0.864	0.922	9.3%		-17%	Pass	
M325B CCV 5 REC	F2603733.D	C70042	Check	0.932	0.864	0.922	7.8%		-17%	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	F2603715.D	C43658	Cal	1.136	1.050	1.136	8.2%	-15%		Pass	
2026FW205 Method Blank 1	F2603716.D	C32900	Blank		1.050	1.136			-1.0%	Pass	ND
M325B CCV 5 REC	F2603727.D	C01584	Check	1.153	1.050	1.136	9.8%		-15%	Pass	
M325B CCV 5 REC	F2603733.D	C70042	Check	1.119	1.050	1.136	6.6%		-16%	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	F2603715.D	C43658	Cal	1.268	1.233	1.268	2.8%	-15%		Pass	
2026FW205 Method Blank 1	F2603716.D	C32900	Blank		1.233	1.268			-1.0%	Pass	ND
M325B CCV 5 REC	F2603727.D	C01584	Check	1.293	1.233	1.268	4.9%		-15%	Pass	
M325B CCV 5 REC	F2603733.D	C70042	Check	1.248	1.233	1.268	1.2%		-16%	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	F2603715.D	C43658	Cal	1.019	1.028	1.019	-0.91%	-15%		Pass	
2026FW205 Method Blank 1	F2603716.D	C32900	Blank		1.028	1.019			-1.0%	Pass	ND
M325B CCV 5 REC	F2603727.D	C01584	Check	1.014	1.028	1.019	-1.4%		-15%	Pass	
M325B CCV 5 REC	F2603733.D	C70042	Check	1.013	1.028	1.019	-1.5%		-16%	Pass	

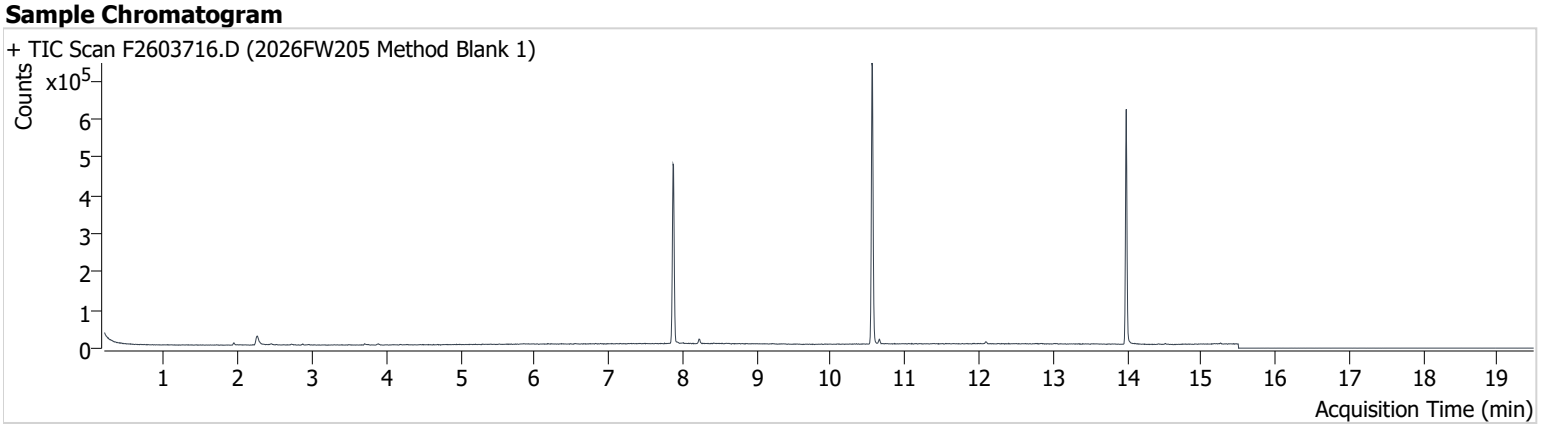
o-Xylene Calibration and Blanks

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	F2603715.D	C43658	Cal	1.071	1.054	1.071	1.7%	-15%		Pass	
2026FW205 Method Blank 1	F2603716.D	C32900	Blank		1.054	1.071			-1.0%	Pass	ND
M325B CCV 5 REC	F2603727.D	C01584	Check	1.101	1.054	1.071	4.5%		-15%	Pass	
M325B CCV 5 REC	F2603733.D	C70042	Check	1.047	1.054	1.071	-0.59%		-16%	Pass	

Chromatograms

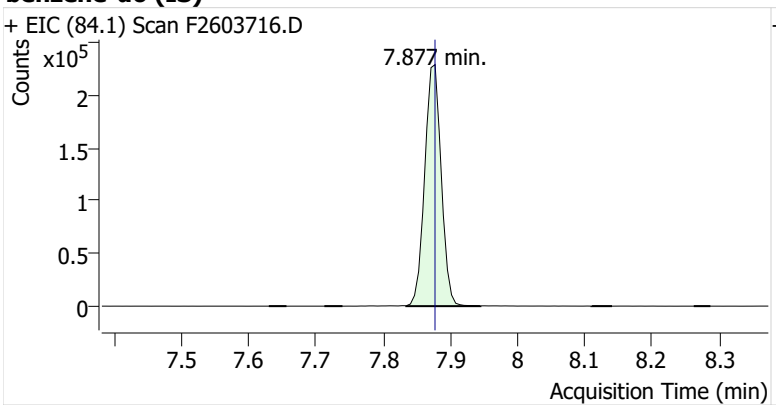
Name	2026FW205 Method Blank 1
Comment	C32900
Data File	F2603716.D
Acq. Date-Time	6/5/2026 10:07:21 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

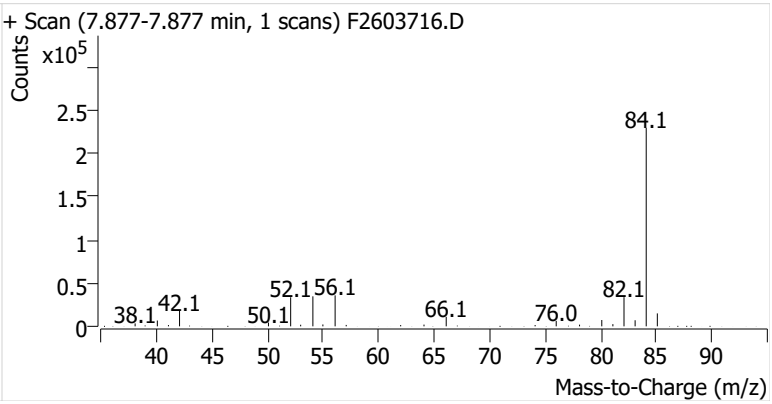
Sample Chromatogram



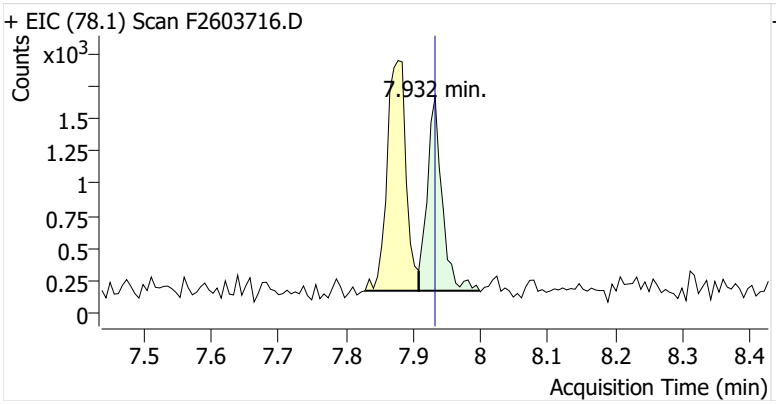
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	390,903	
Benzene	benzene-d6 (IS)	7.932	7.932	2,310	
Toluene-d8 (IS)		10.557	10.557	429,672	
Toluene	Toluene-d8 (IS)	10.655	10.655	6,665	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	706	
m-/p-Xylenes	Toluene-d8 (IS)	13.035	13.016	689	m
o-Xylene	Toluene-d8 (IS)	13.530	13.524	411	

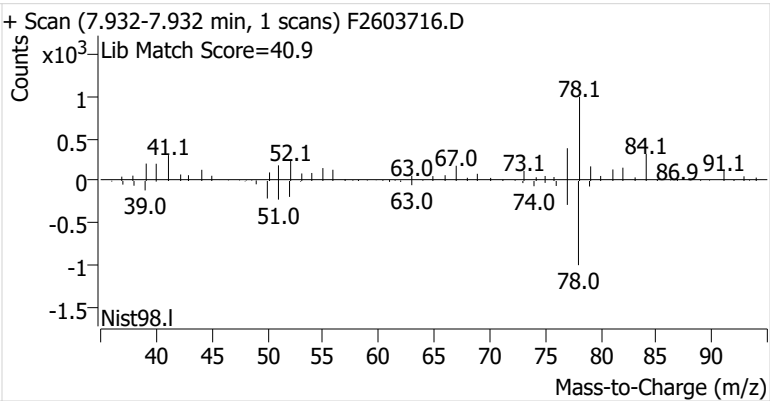
benzene-d6 (IS)



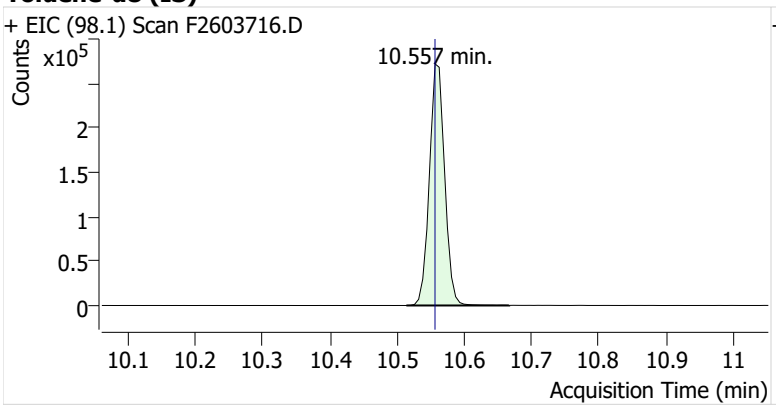


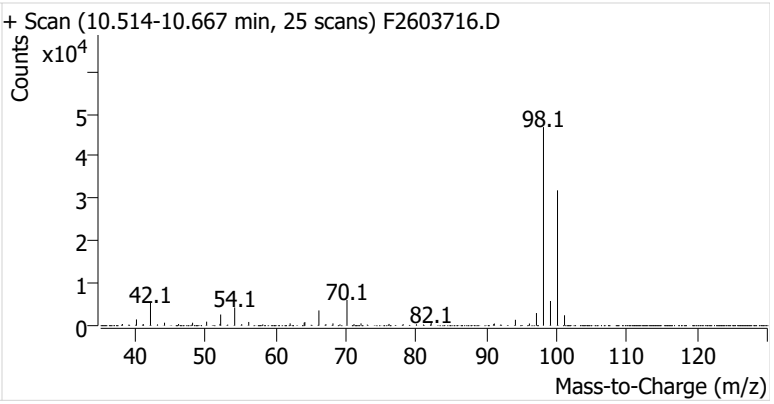
Benzene



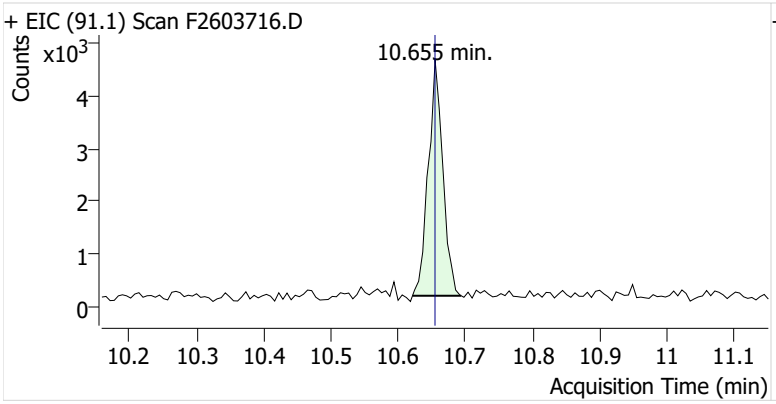


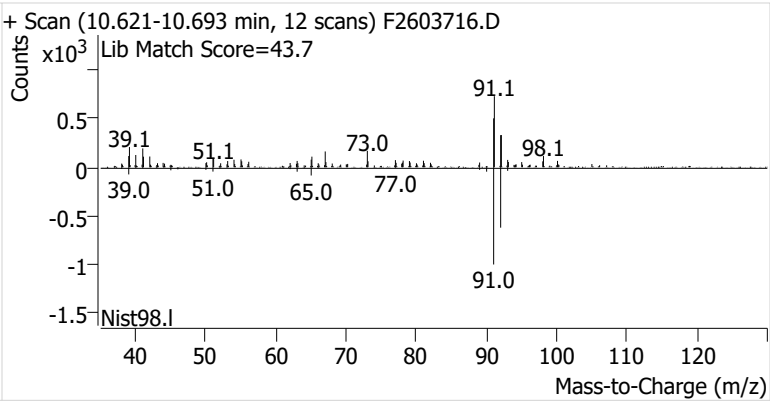
Toluene-d8 (IS)



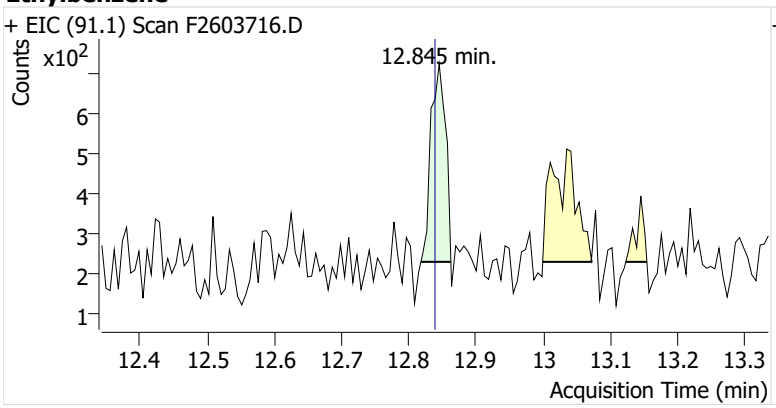


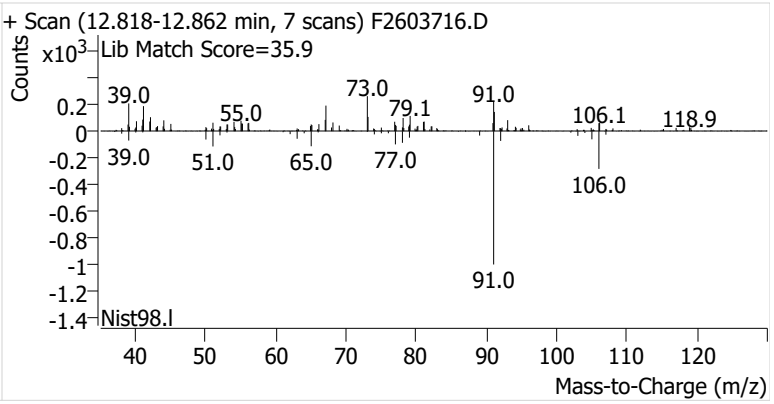
Toluene



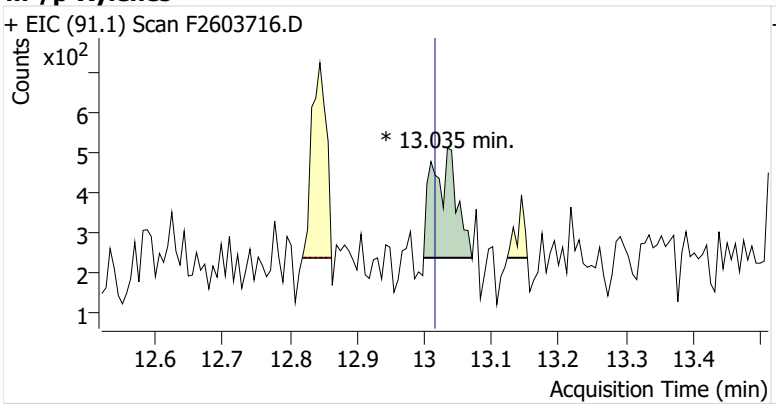


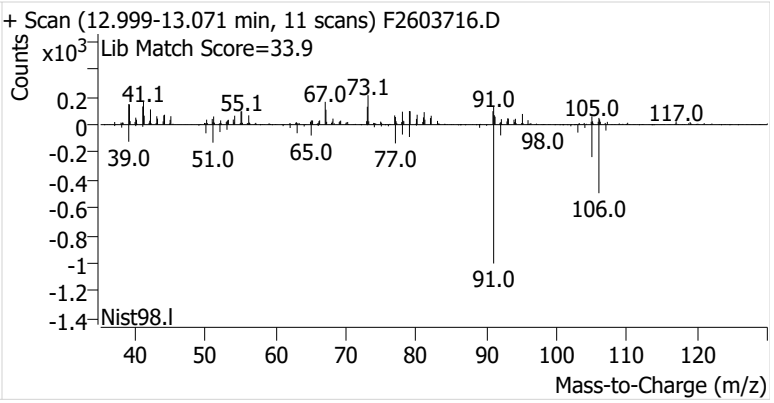
Ethylbenzene



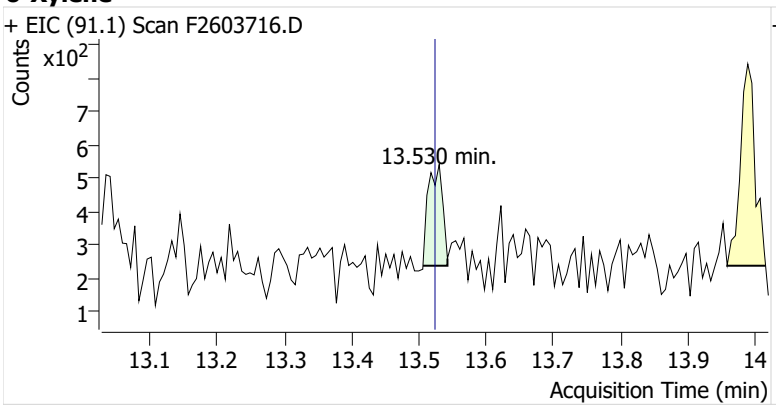


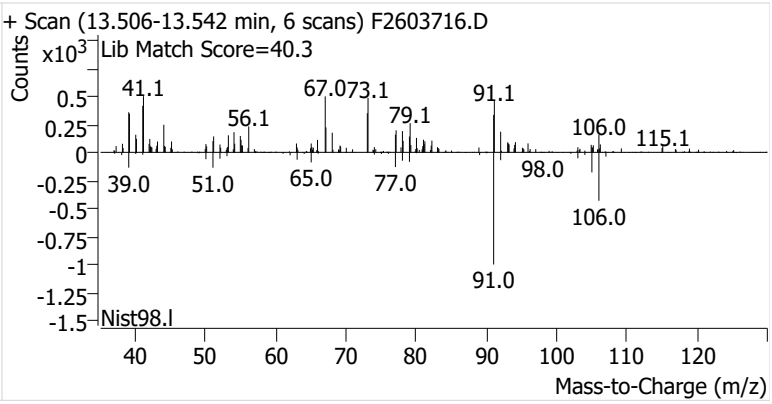
m-/p-Xylenes





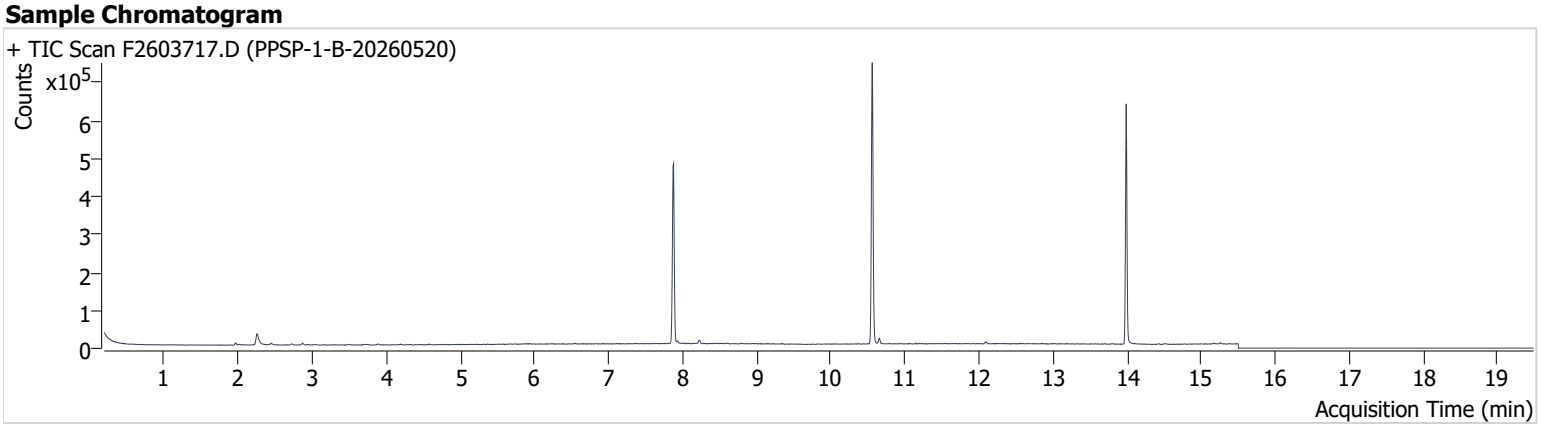
o-Xylene


+ EIC (91.1) Scan F2603716.D
Counts
x10^2
13.530 min.
Acquisition Time (min)


+ Scan (13.506-13.542 min, 6 scans) F2603716.D
Lib Match Score=40.3
Counts
x10^3
41.1
56.1
67.0
73.1
79.1
91.1
106.0
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

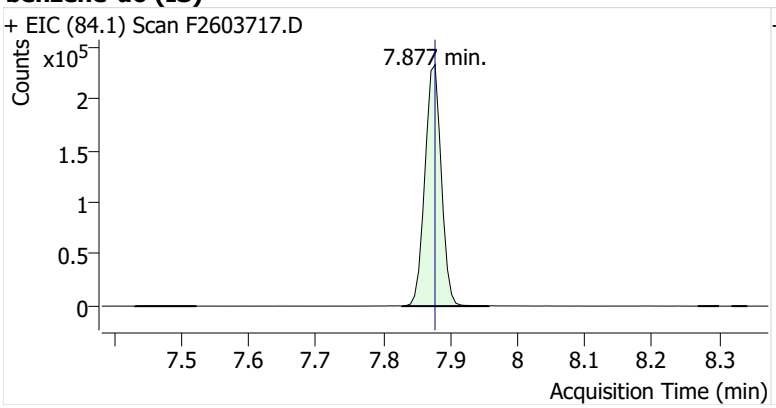
Name	PPSP-1-B-20260520
Comment	C55342
Data File	F2603717.D
Acq. Date-Time	6/5/2026 10:32:54 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

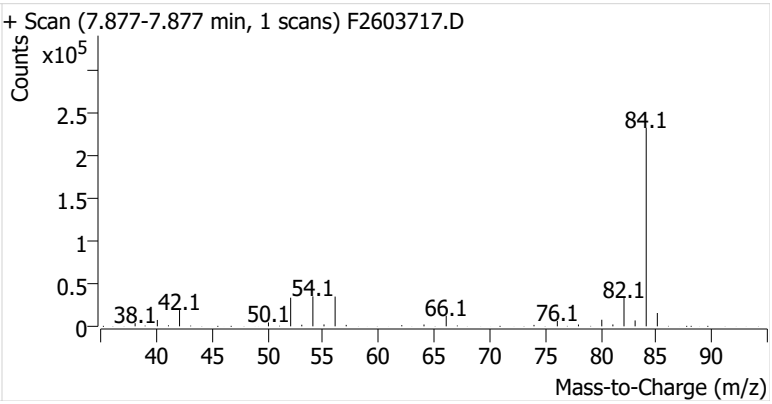
Sample Chromatogram



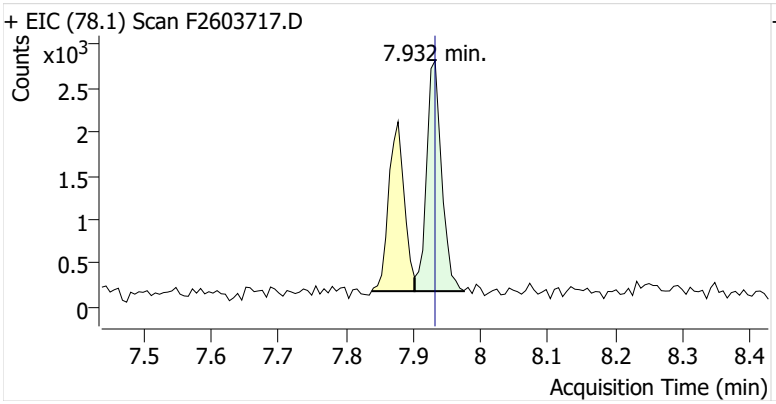
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	393,717	
Benzene	benzene-d6 (IS)	7.932	7.932	4,094	
Toluene-d8 (IS)		10.563	10.557	433,696	
Toluene	Toluene-d8 (IS)	10.655	10.655	9,134	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	423	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.016	216	m
o-Xylene	Toluene-d8 (IS)	13.536	13.524	293	

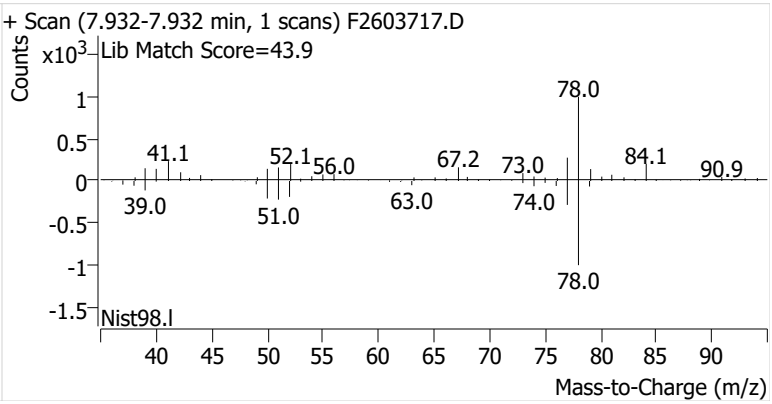
benzene-d6 (IS)



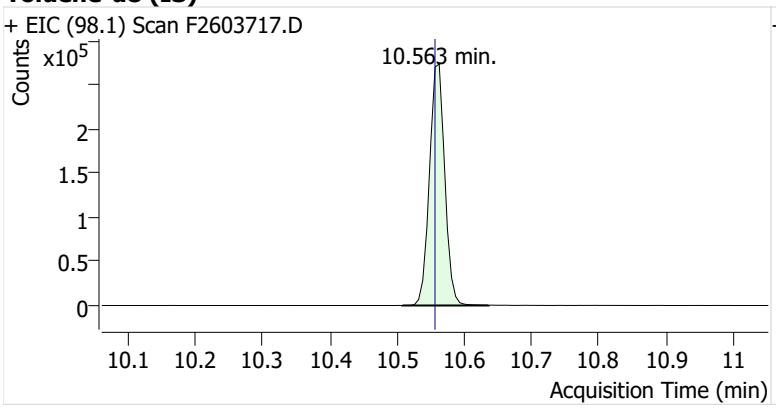


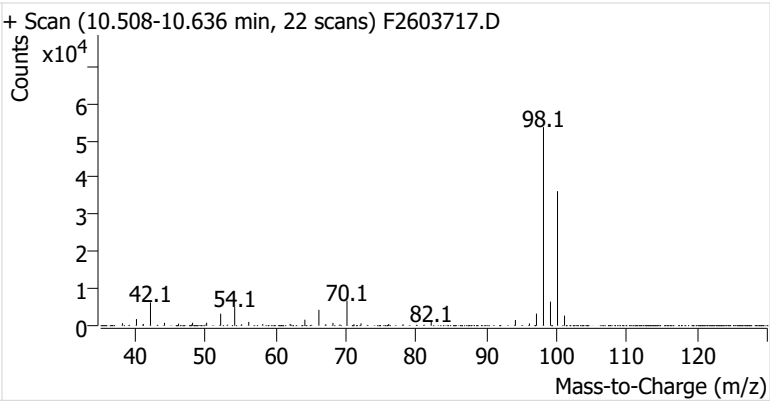
Benzene



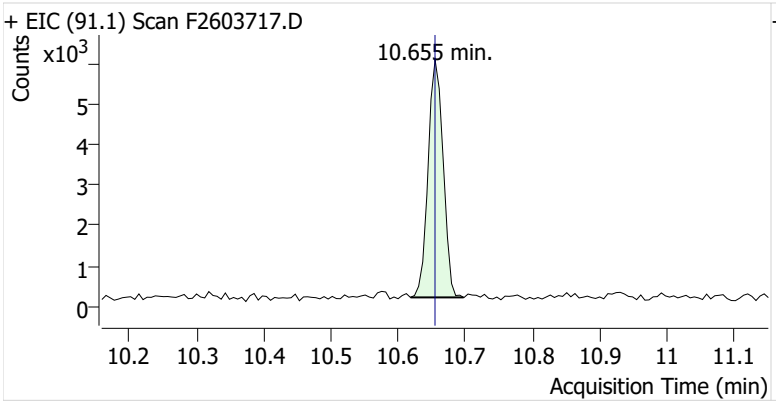


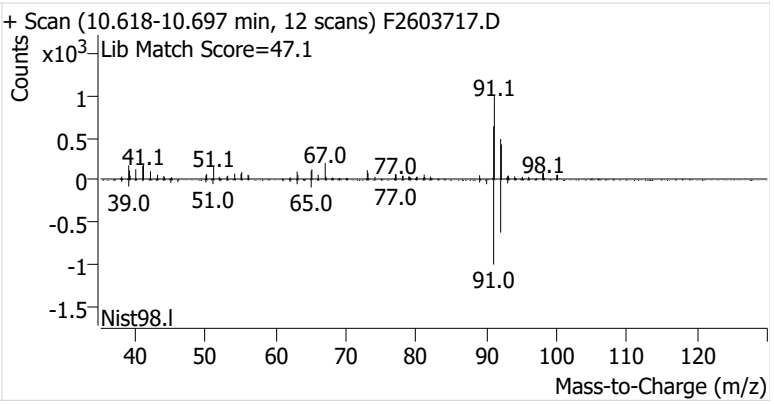
Toluene-d8 (IS)



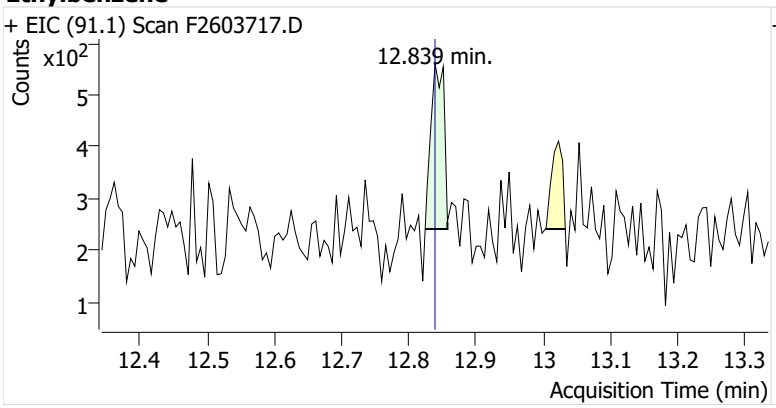


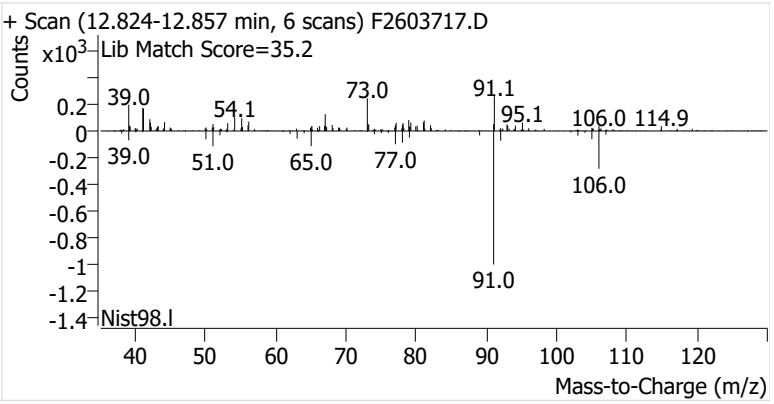
Toluene



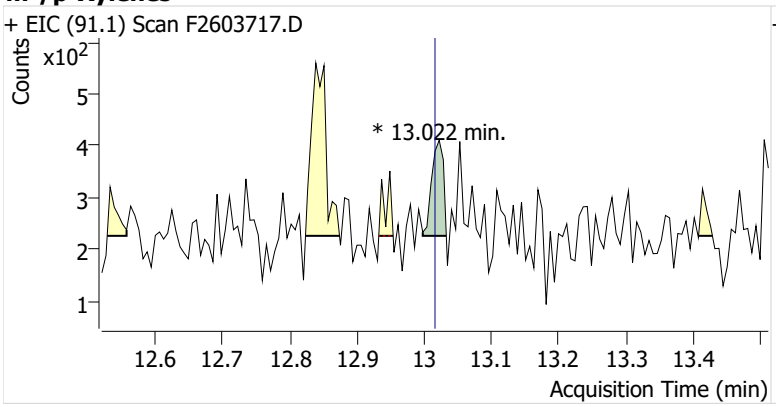


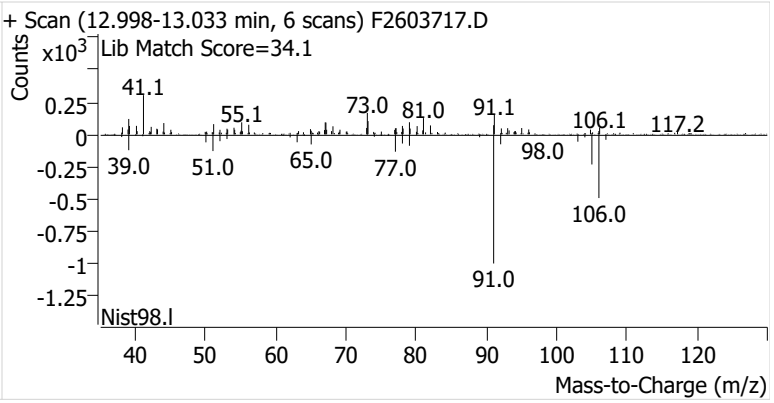
Ethylbenzene



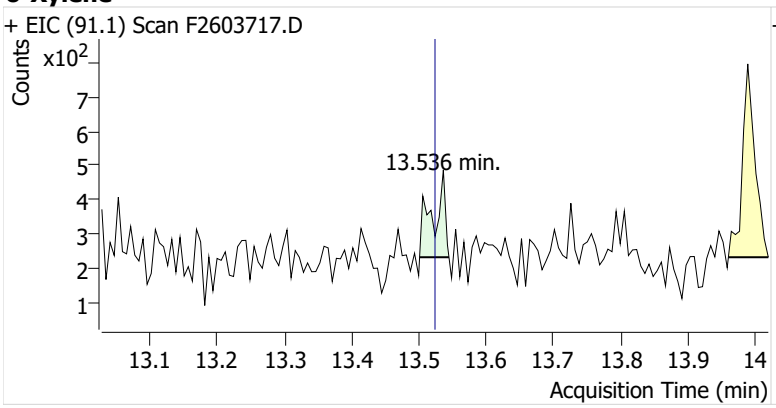


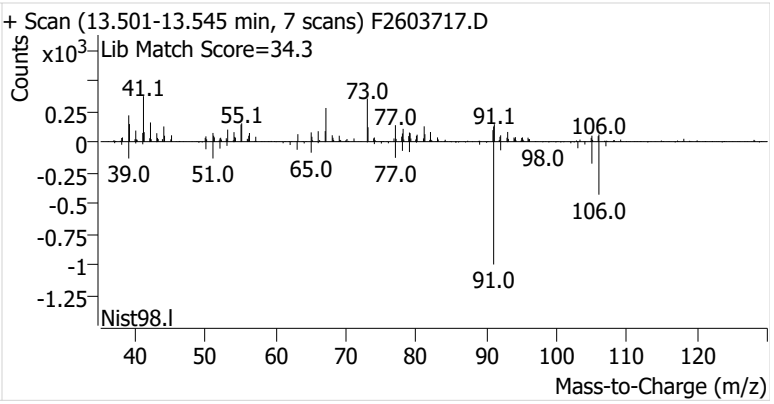
m-/p-Xylenes





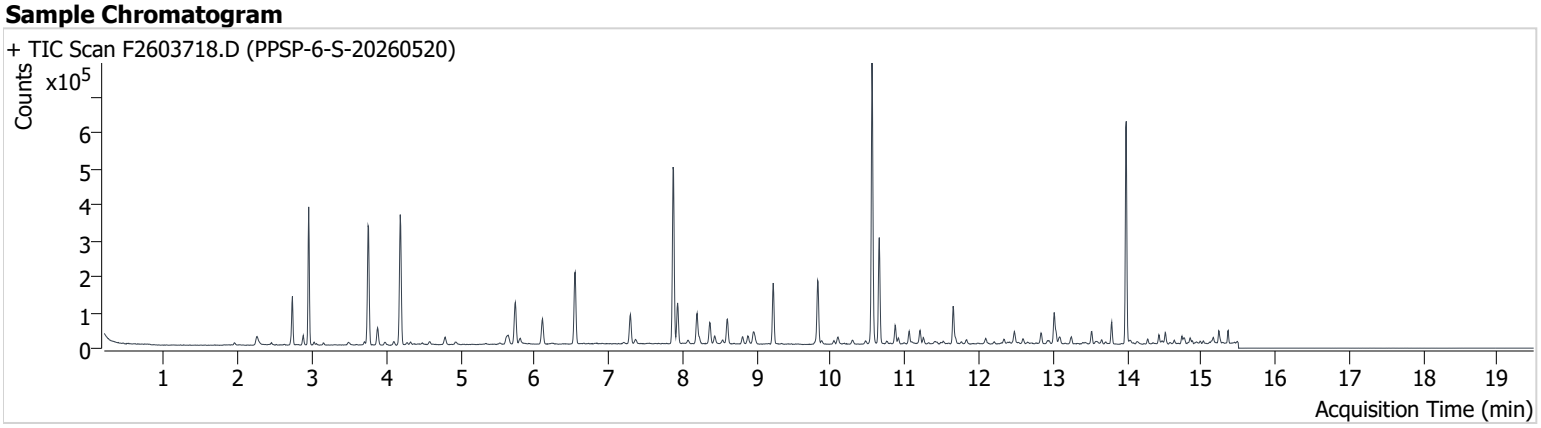
o-Xylene


+ EIC (91.1) Scan F2603717.D
Counts
x10^2
13.536 min.
Acquisition Time (min)


+ Scan (13.501-13.545 min, 7 scans) F2603717.D
Lib Match Score=34.3
Counts
x10^3
41.1
55.1
73.0
77.0
91.1
106.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

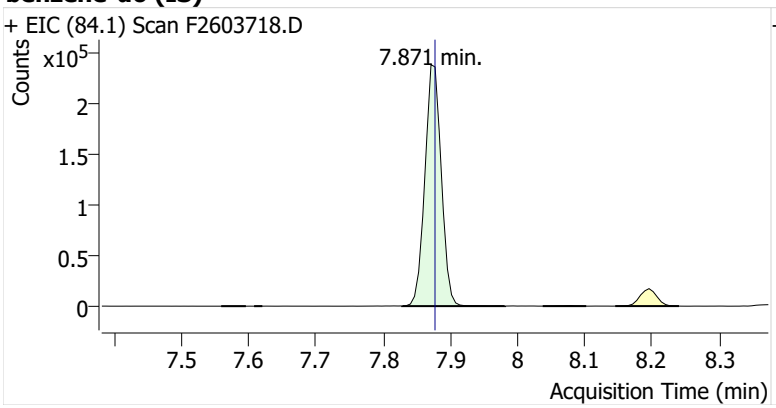
Name	PPSP-6-S-20260520
Comment	C69515
Data File	F2603718.D
Acq. Date-Time	6/5/2026 10:58:23 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

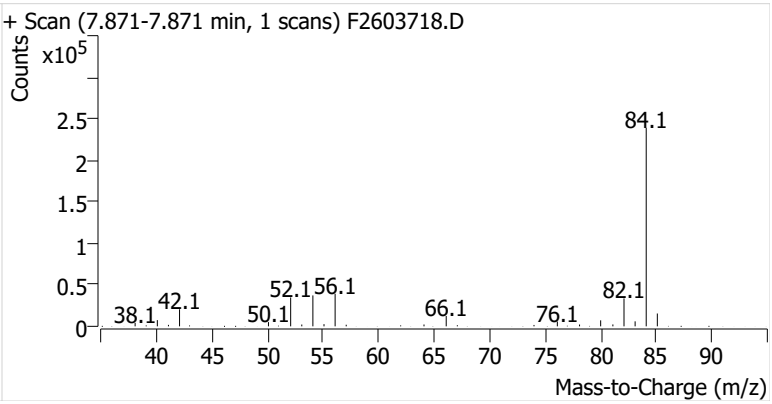
Sample Chromatogram



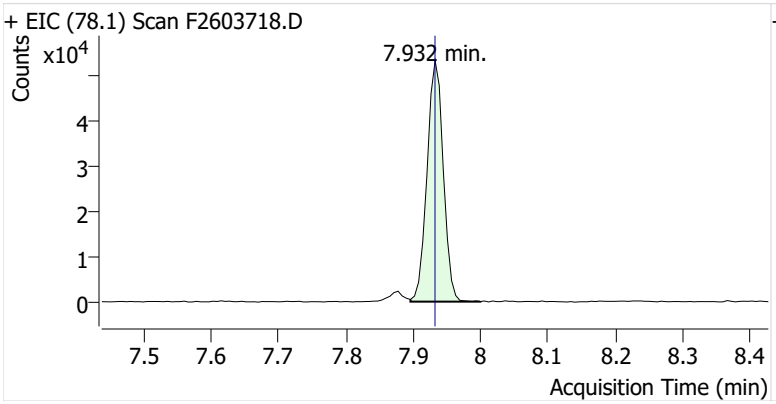
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.871	7.877	404,838	
Benzene	benzene-d6 (IS)	7.932	7.932	89,026	
Toluene-d8 (IS)		10.557	10.557	437,705	
Toluene	Toluene-d8 (IS)	10.655	10.655	181,895	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	19,003	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	58,470	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	18,373	

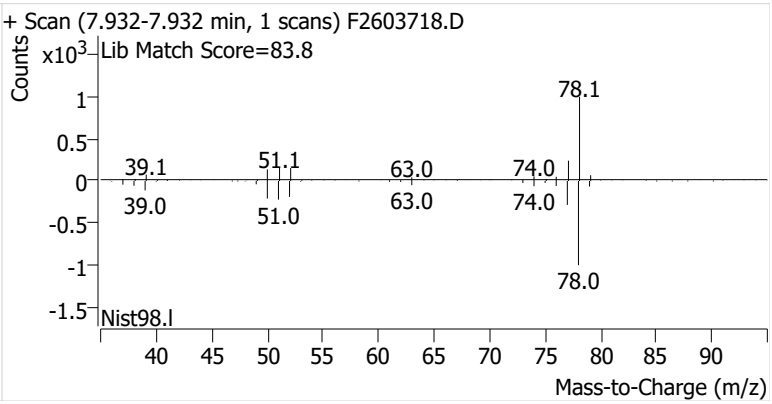
benzene-d6 (IS)



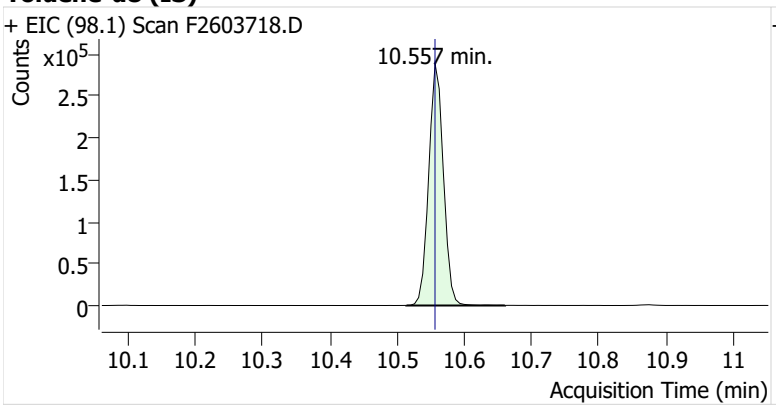


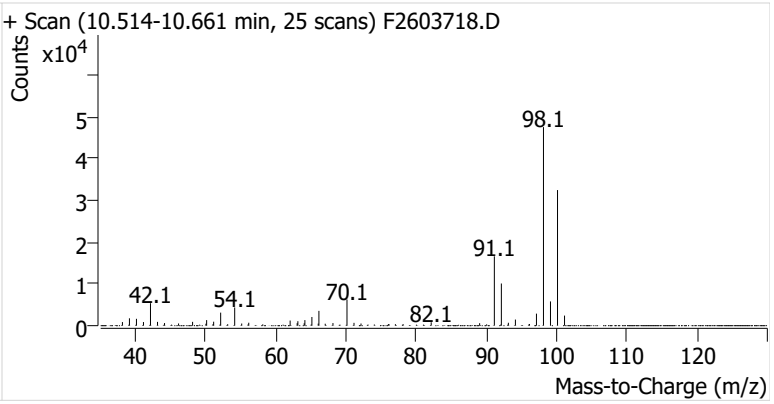
Benzene



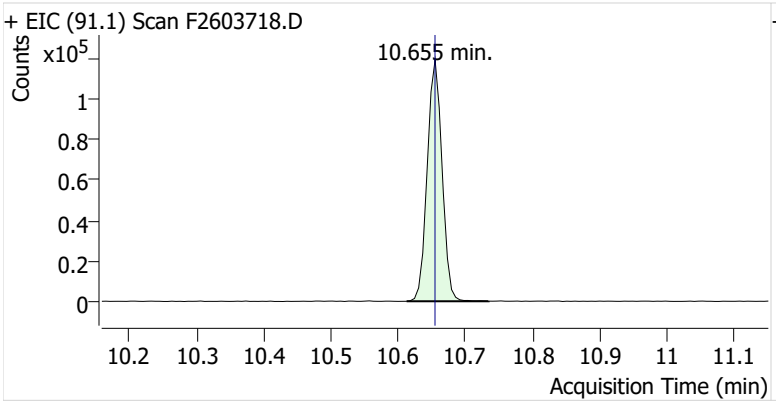


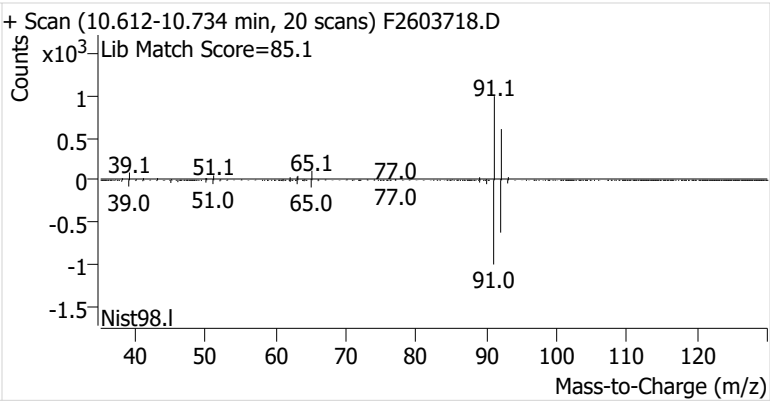
Toluene-d8 (IS)



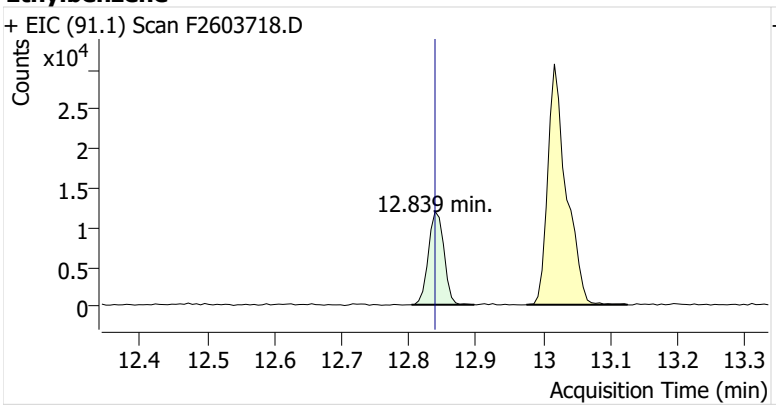


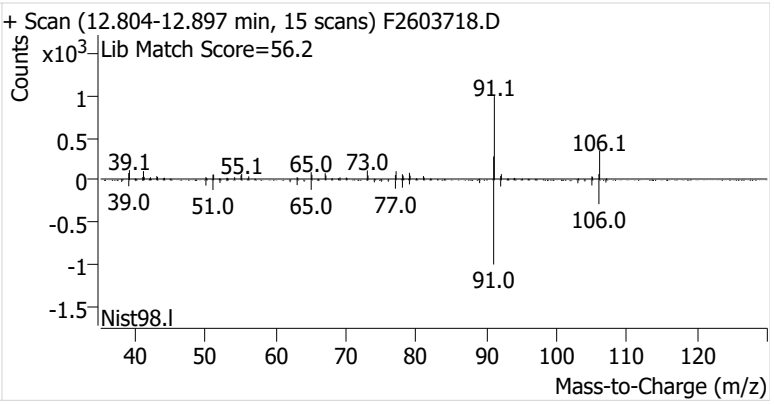
Toluene



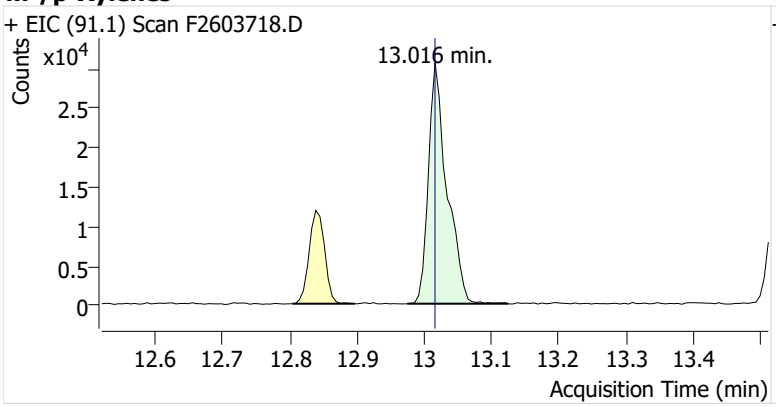


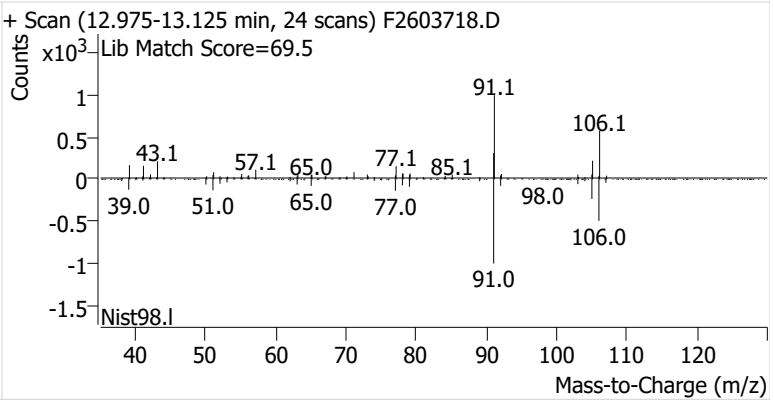
Ethylbenzene



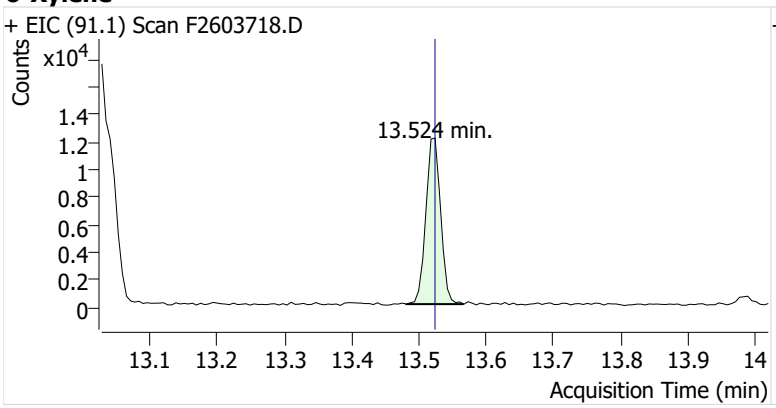


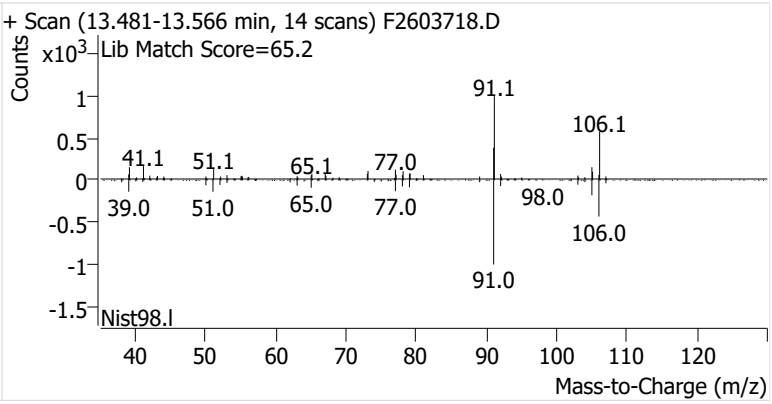
m-/p-Xylenes





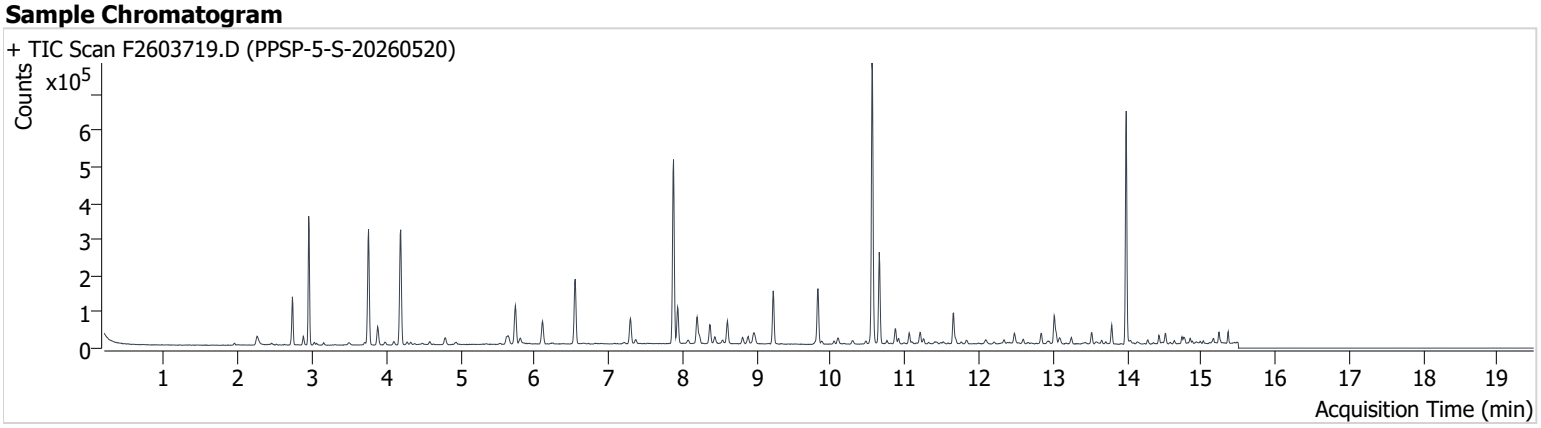
o-Xylene


+ EIC (91.1) Scan F2603718.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 (13.481-13.566 min, 14 scans) F2603718.D
Counts
x10^3
Lib Match Score=65.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.1
65.1
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)

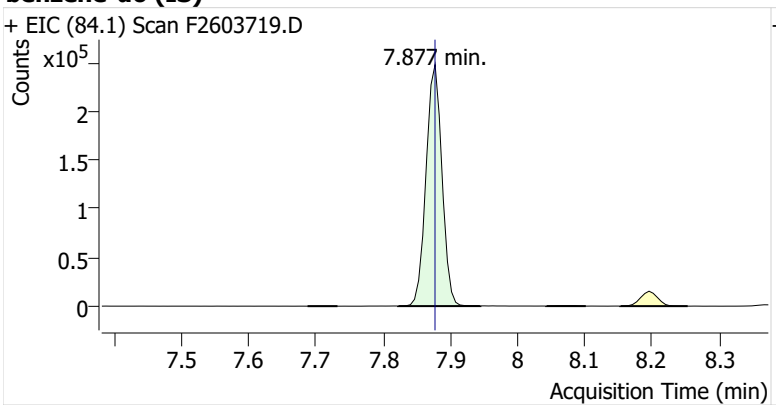
Name	PPSP-5-S-20260520
Comment	C70548
Data File	F2603719.D
Acq. Date-Time	6/5/2026 11:23:52 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

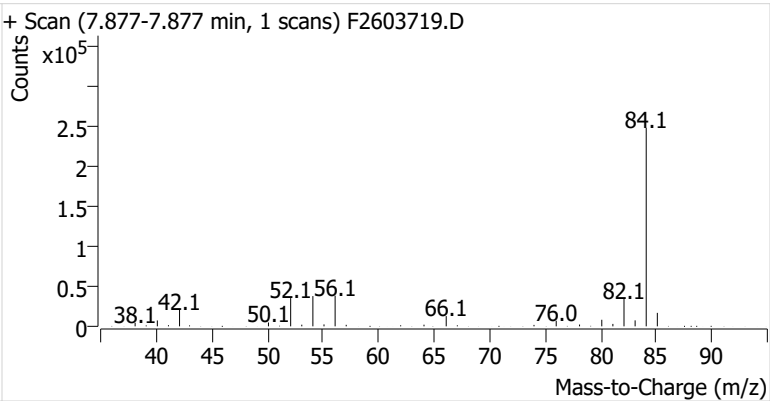
Sample Chromatogram



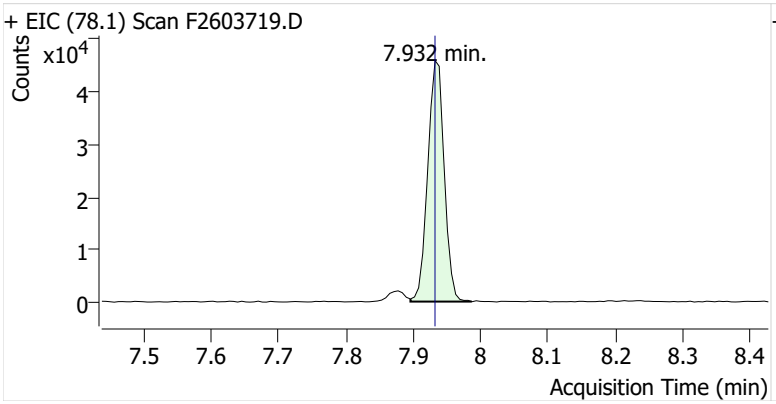
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	407,765	
Benzene	benzene-d6 (IS)	7.932	7.932	77,823	
Toluene-d8 (IS)		10.557	10.557	448,396	
Toluene	Toluene-d8 (IS)	10.655	10.655	149,549	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	18,221	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	54,087	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	17,487	

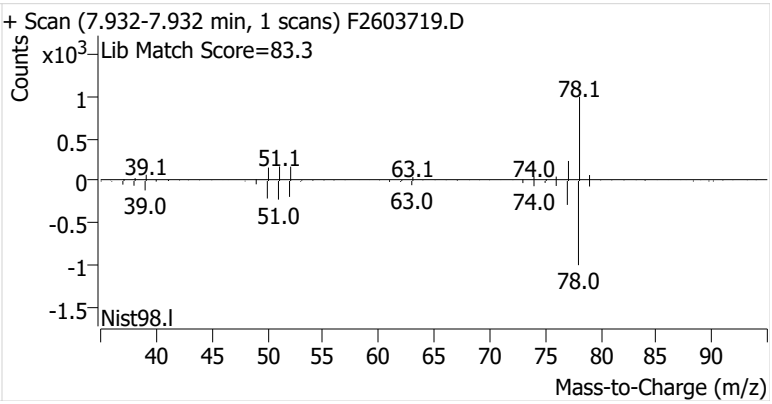
benzene-d6 (IS)



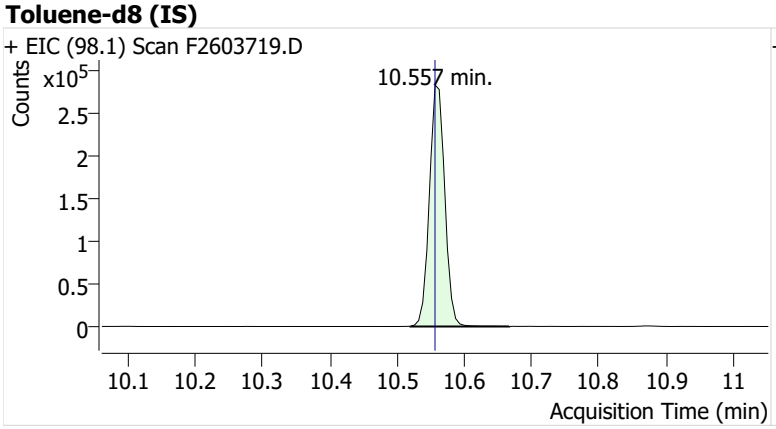


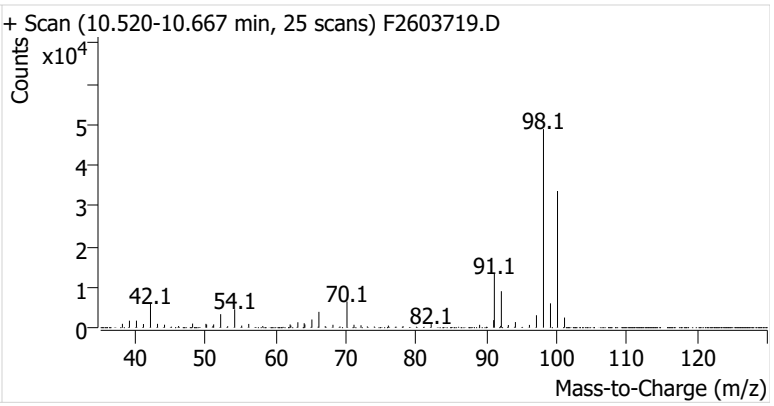
Benzene



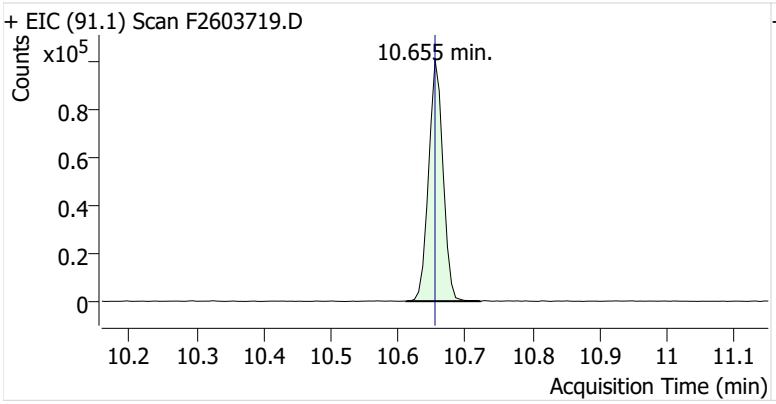


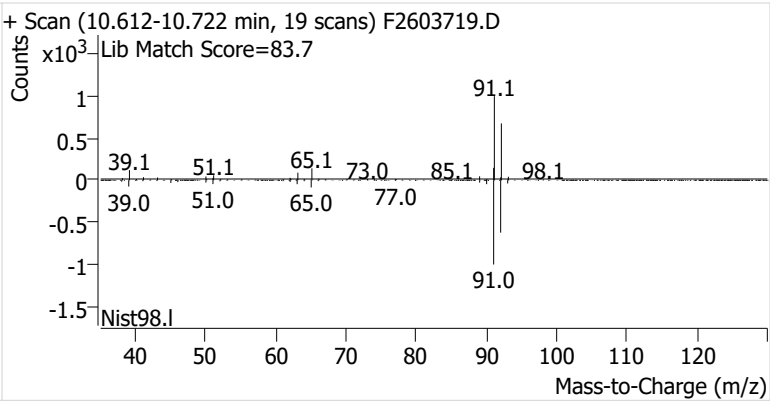
Toluene-d8 (IS)



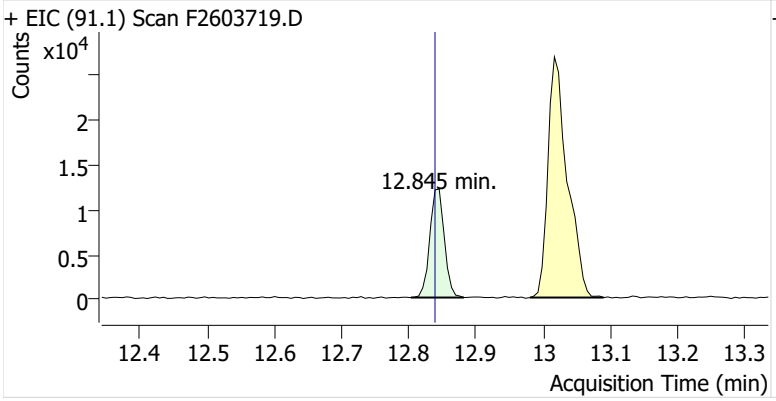


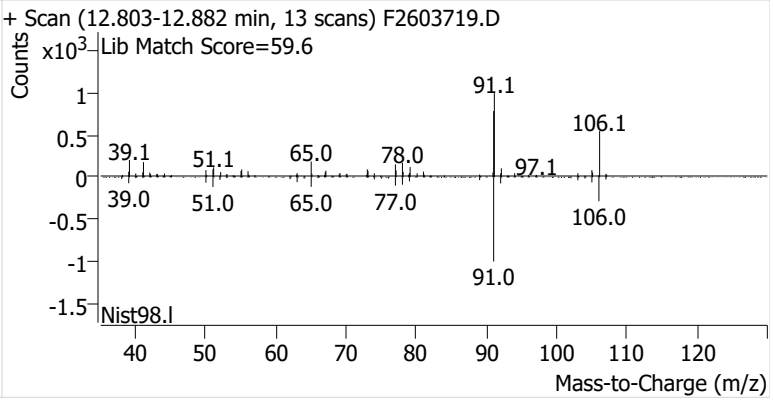
Toluene



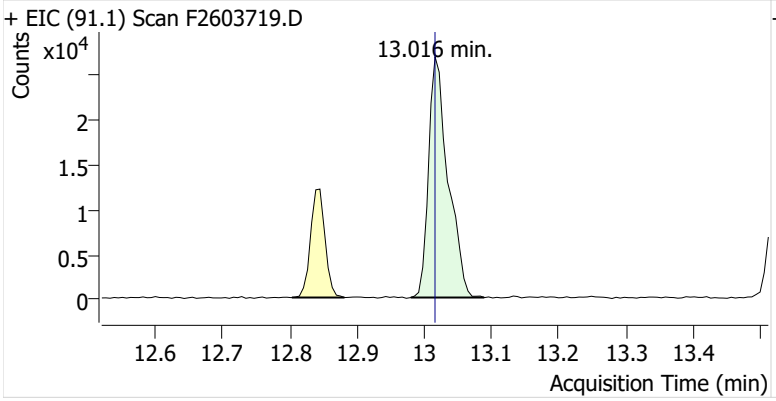


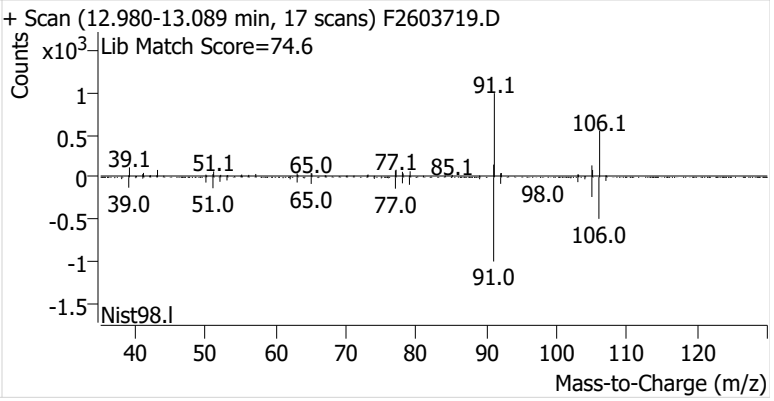
Ethylbenzene



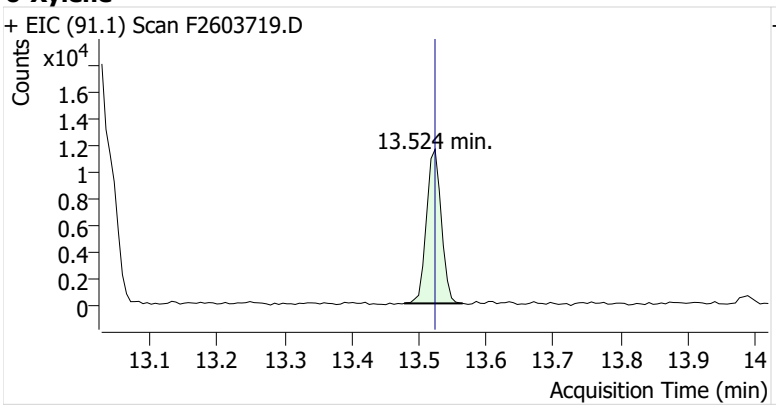


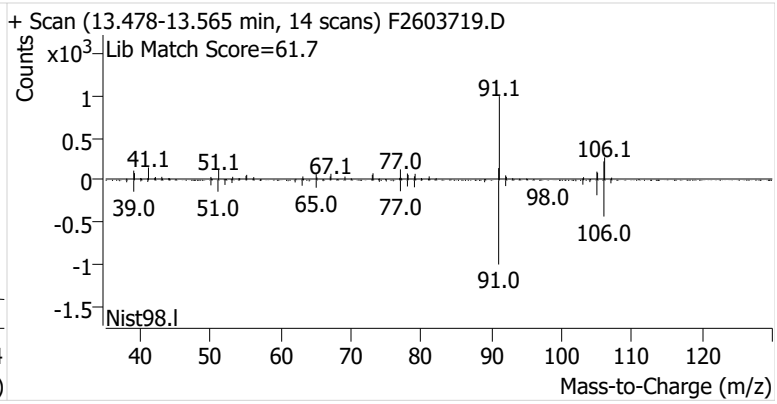
m-/p-Xylenes





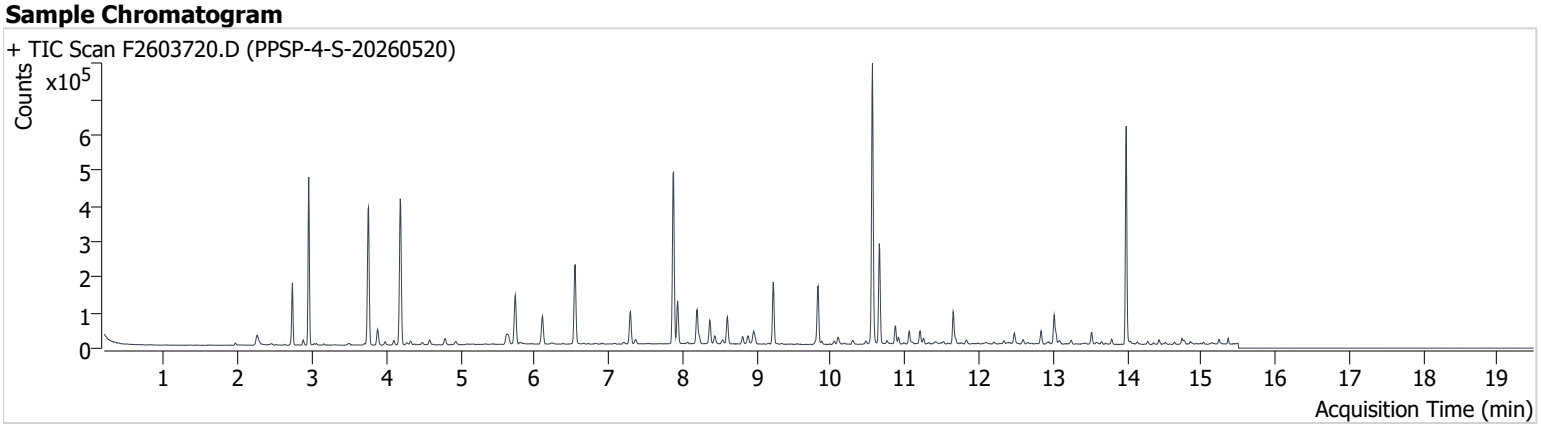
o-Xylene


+ EIC (91.1) Scan F2603719.D
Counts
x10^4
1.6
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 (13.478-13.565 min, 14 scans) F2603719.D
Counts
x10^3
Lib Match Score=61.7
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
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)

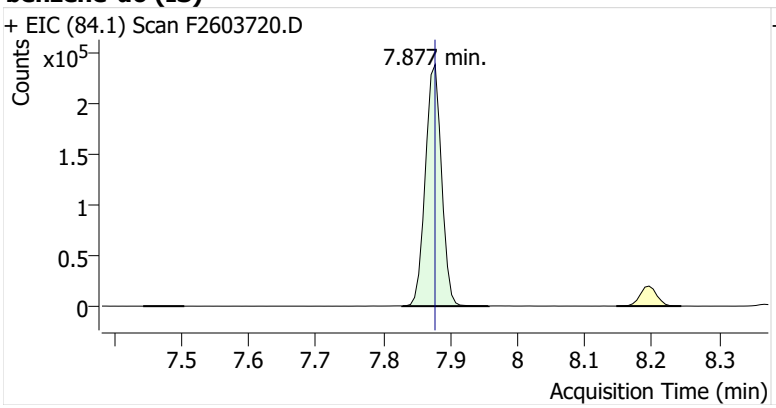
Name	PPSP-4-S-20260520
Comment	C34170
Data File	F2603720.D
Acq. Date-Time	6/5/2026 11:49:19 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

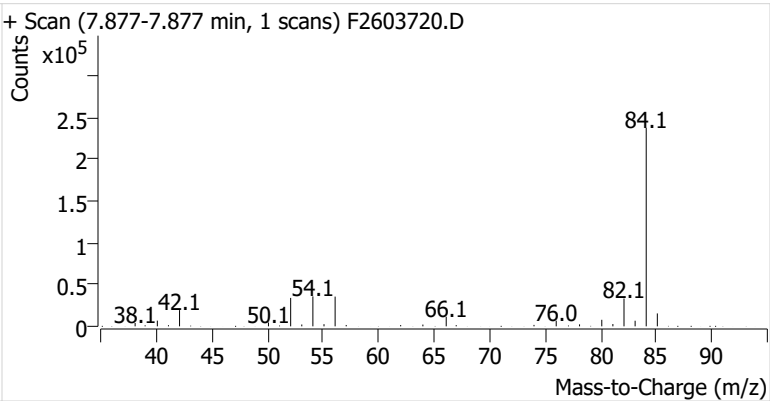
Sample Chromatogram



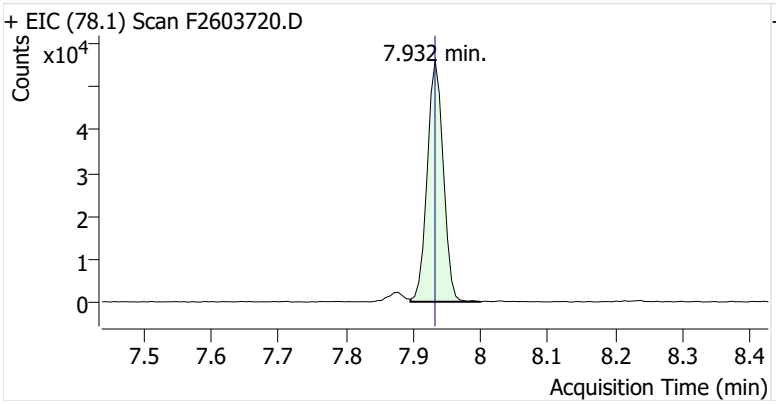
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	398,330	
Benzene	benzene-d6 (IS)	7.932	7.932	92,695	
Toluene-d8 (IS)		10.563	10.557	442,548	
Toluene	Toluene-d8 (IS)	10.655	10.655	174,524	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	21,100	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	56,150	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	18,405	

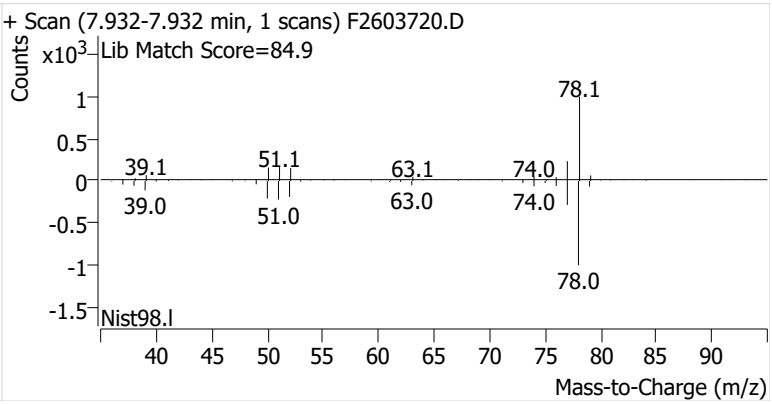
benzene-d6 (IS)



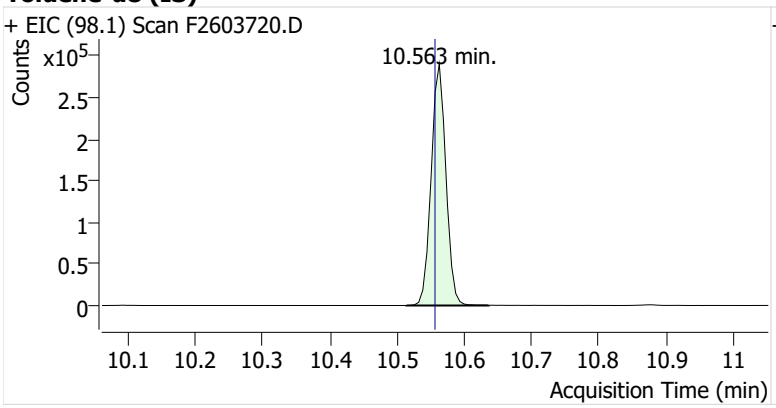


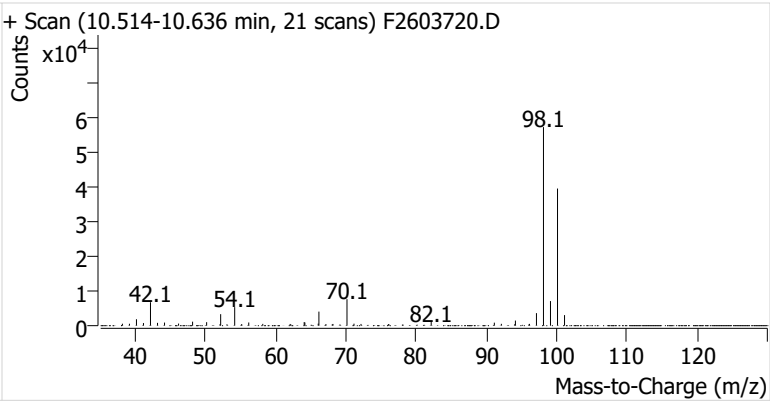
Benzene



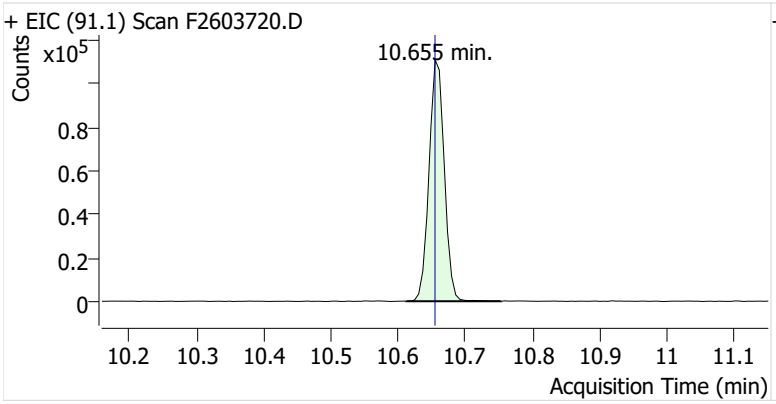


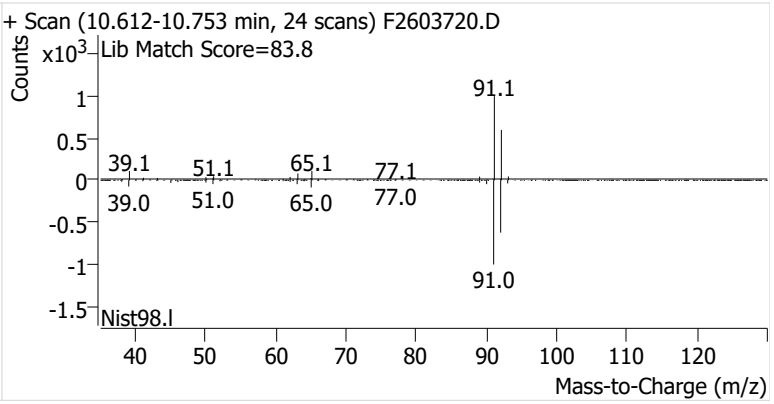
Toluene-d8 (IS)



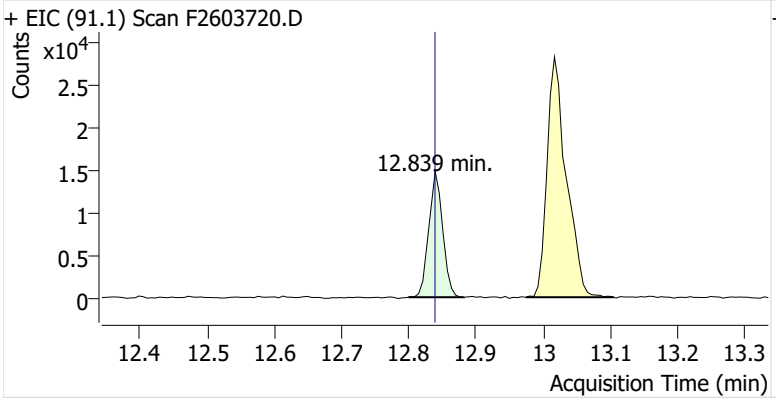


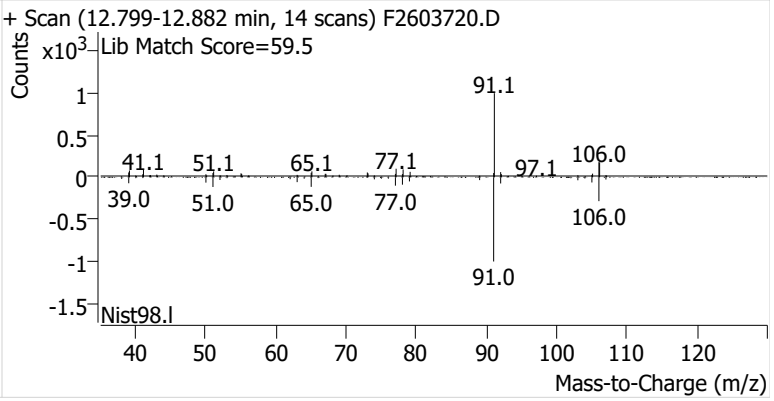
Toluene



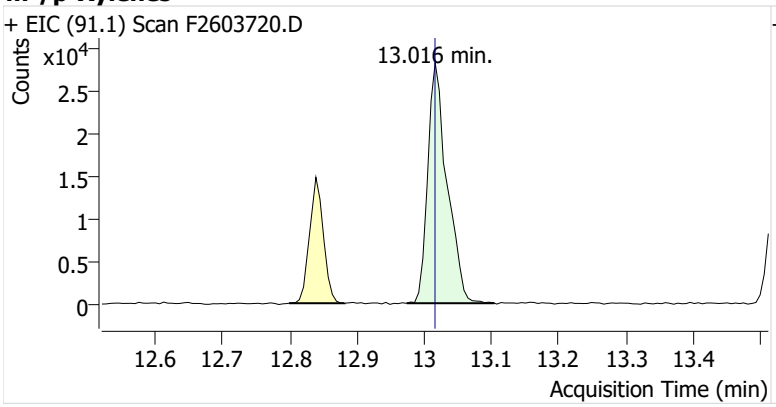


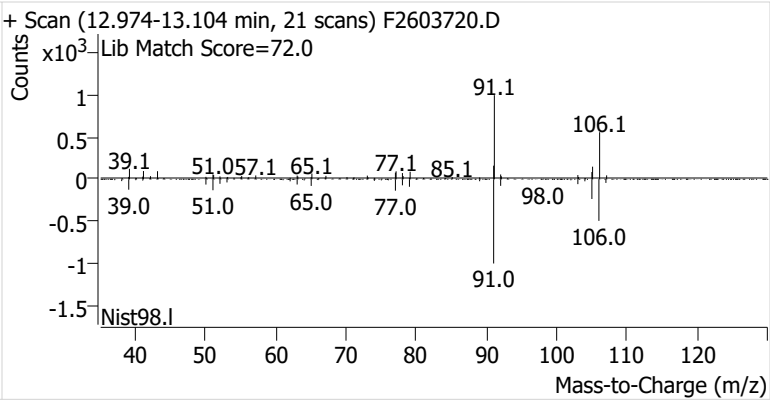
Ethylbenzene



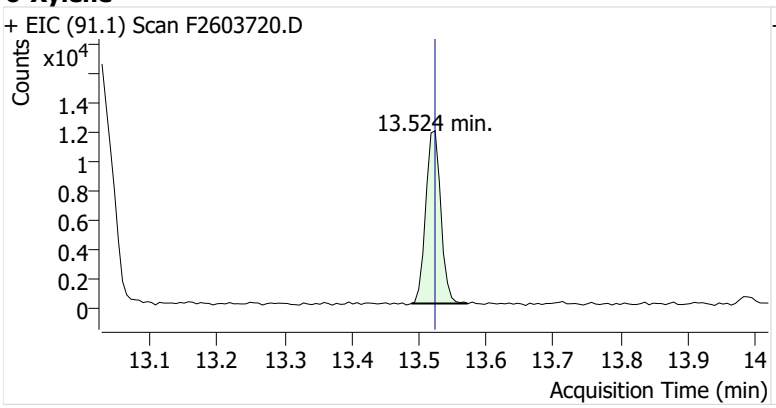


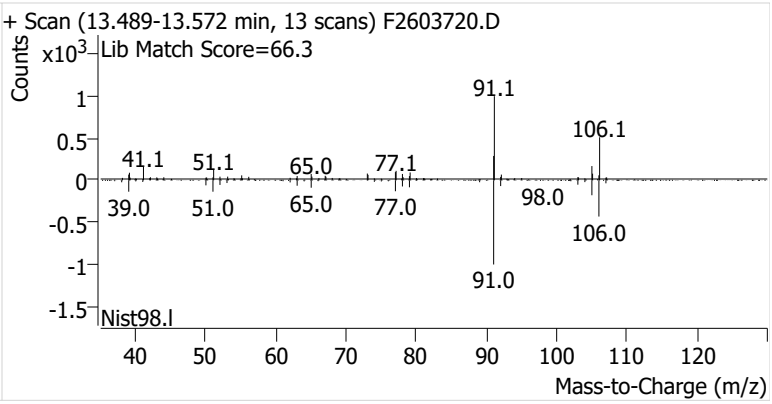
m-/p-Xylenes





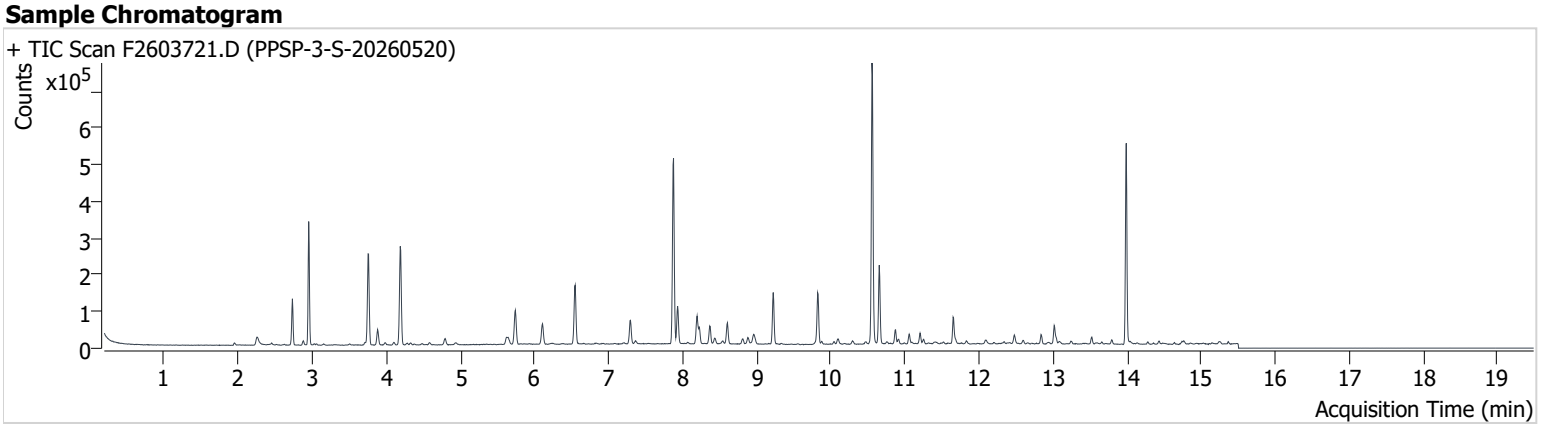
o-Xylene


+ EIC (91.1) Scan F2603720.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 (13.489-13.572 min, 13 scans) F2603720.D
Lib Match Score=66.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.1
65.0
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)

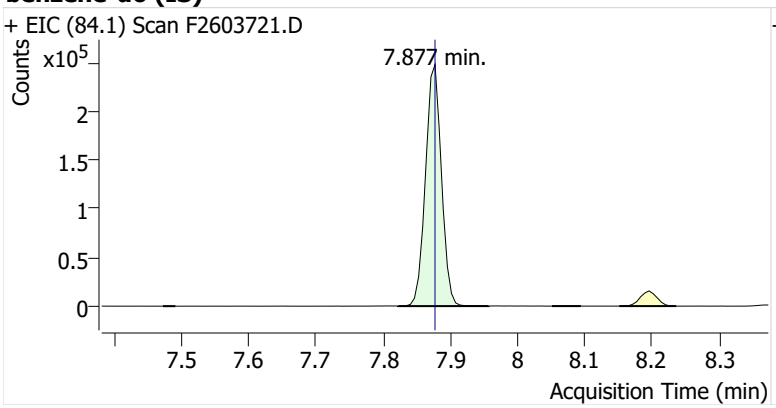
Name	PPSP-3-S-20260520
Comment	C20594
Data File	F2603721.D
Acq. Date-Time	6/6/2026 12:15:35 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

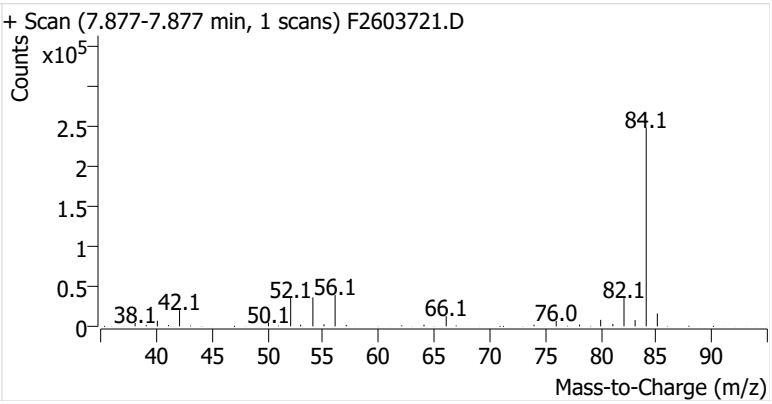
Sample Chromatogram



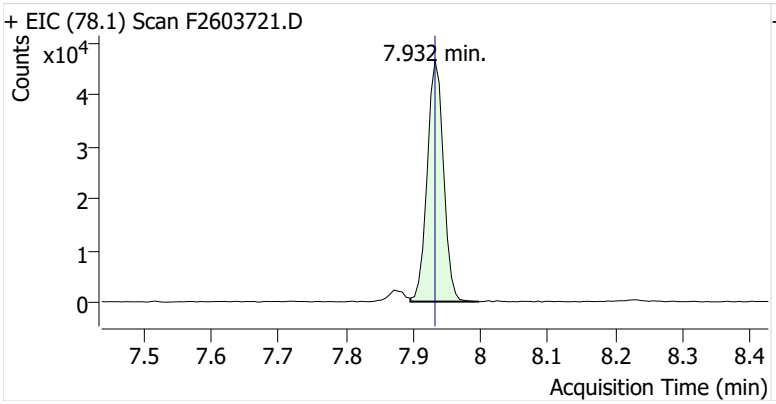
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	406,747	
Benzene	benzene-d6 (IS)	7.932	7.932	78,107	
Toluene-d8 (IS)		10.557	10.557	439,105	
Toluene	Toluene-d8 (IS)	10.655	10.655	129,714	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	15,863	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	33,185	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	10,399	

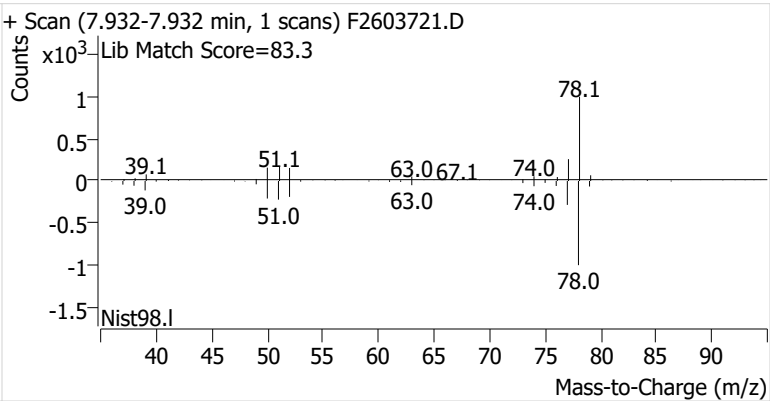
benzene-d6 (IS)



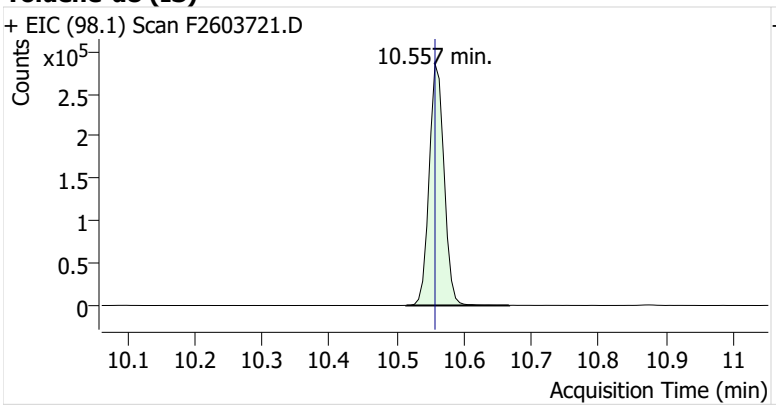


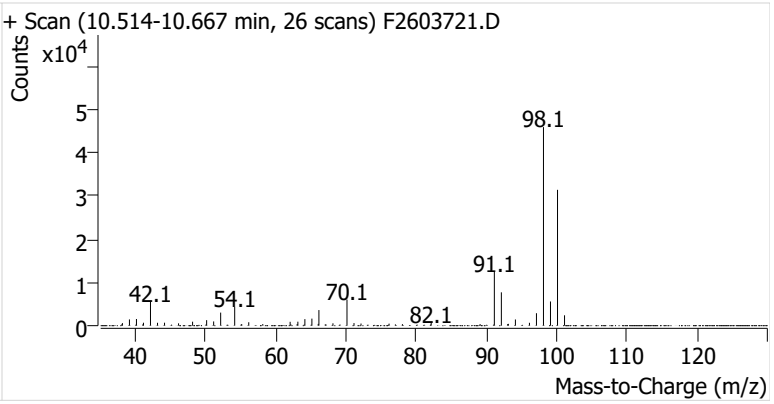
Benzene



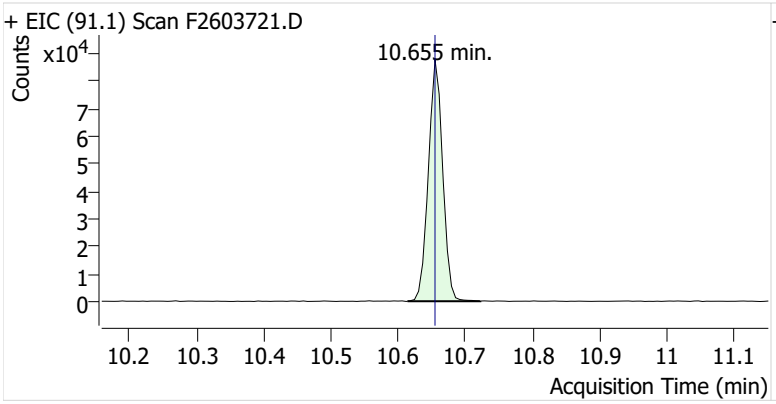


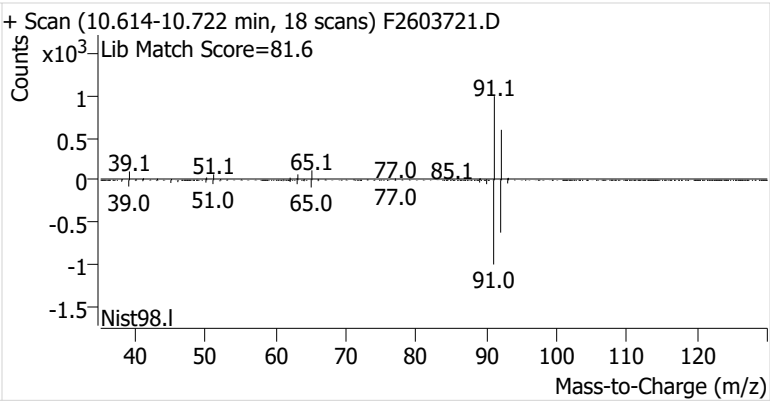
Toluene-d8 (IS)



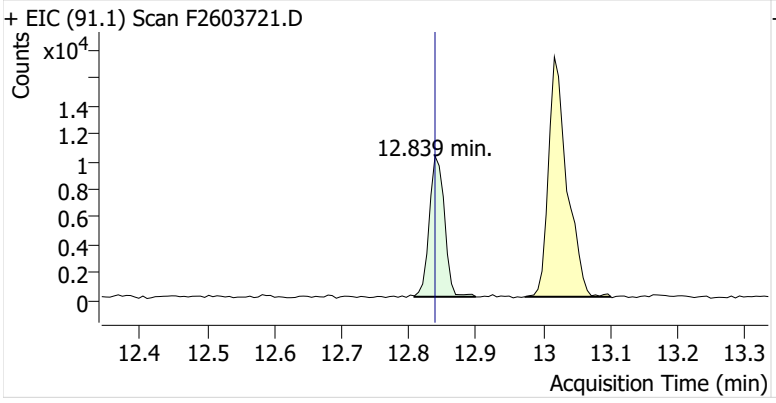


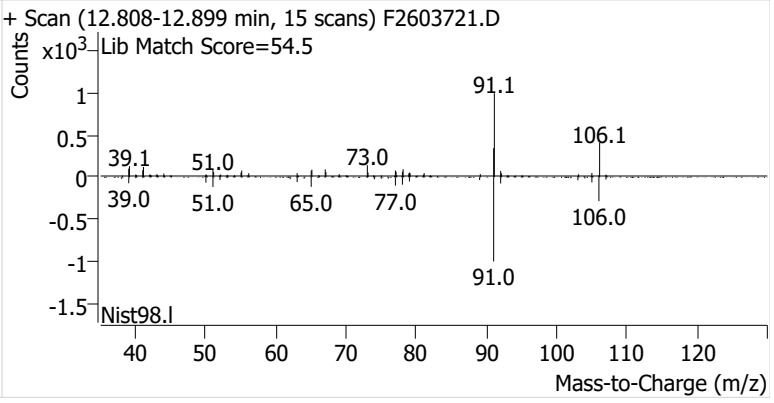
Toluene



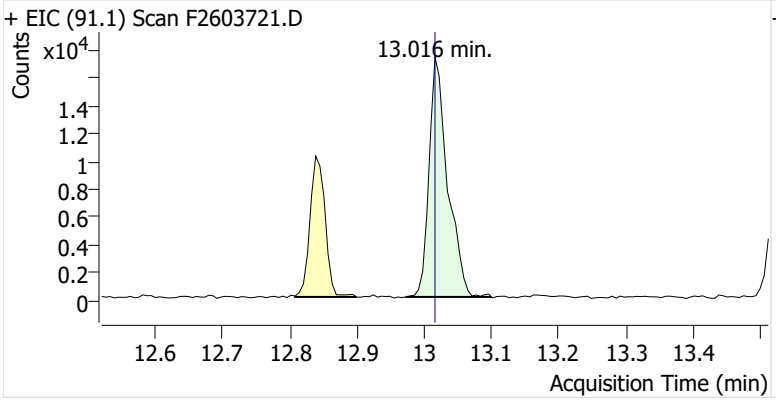


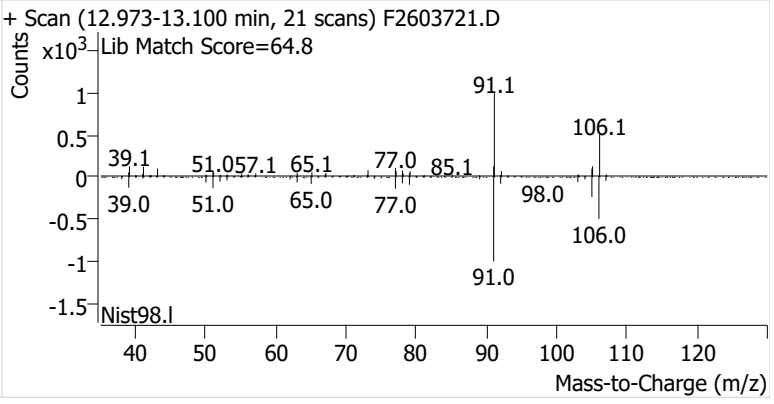
Ethylbenzene



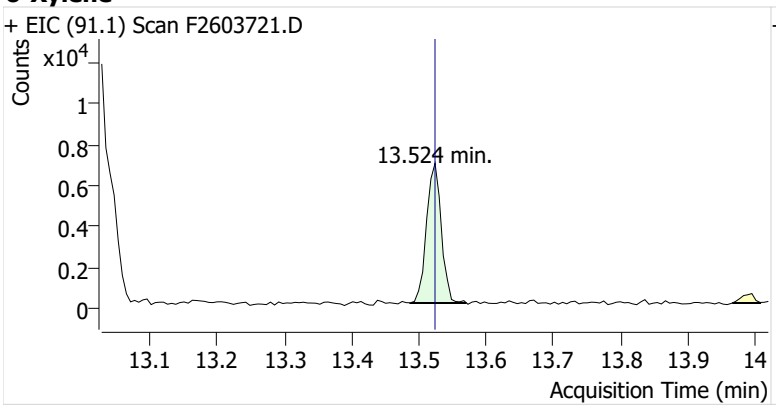


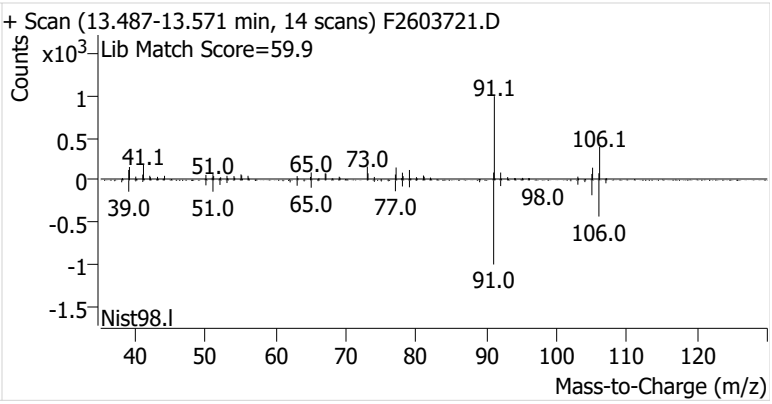
m-/p-Xylenes





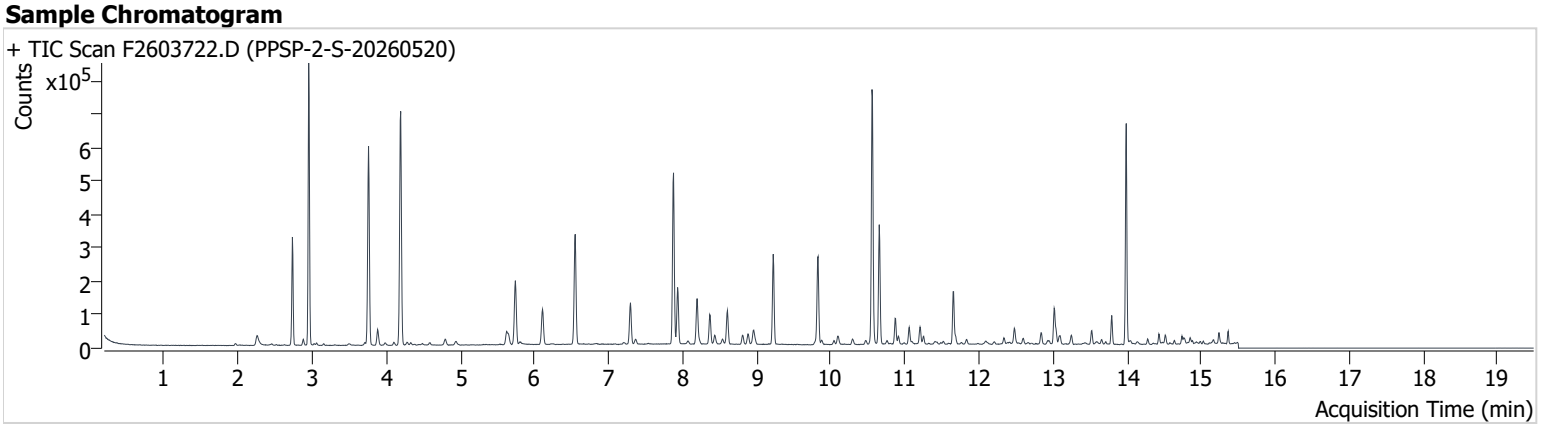
o-Xylene


+ EIC (91.1) Scan F2603721.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 (13.487-13.571 min, 14 scans) F2603721.D
Counts
x10^3
Lib Match Score=59.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.0
65.0
73.0
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)

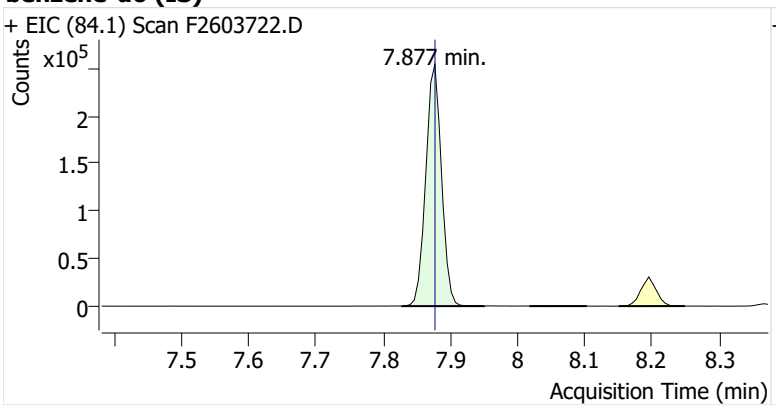
Name	PPSP-2-S-20260520
Comment	C57709
Data File	F2603722.D
Acq. Date-Time	6/6/2026 12:41:08 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

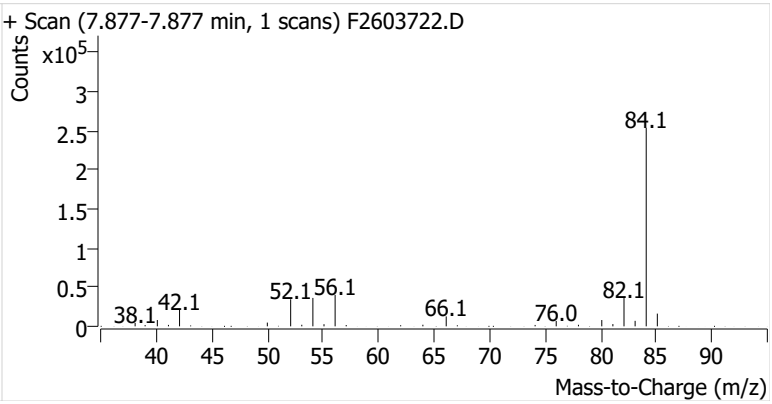
Sample Chromatogram



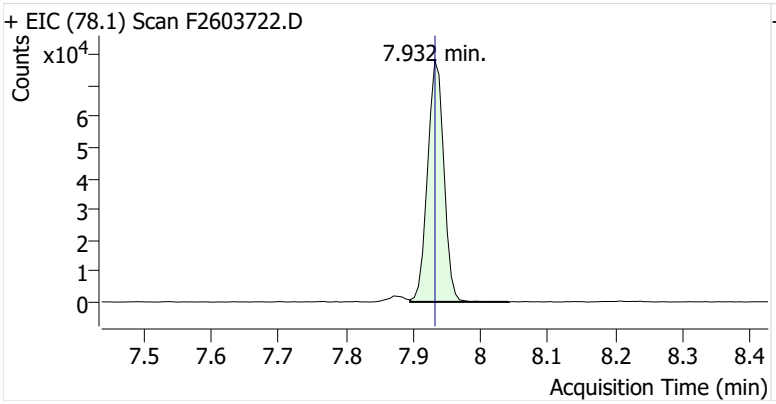
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	411,811	
Benzene	benzene-d6 (IS)	7.932	7.932	131,457	
Toluene-d8 (IS)		10.556	10.557	443,084	
Toluene	Toluene-d8 (IS)	10.654	10.655	222,687	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	21,752	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	75,699	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	22,961	

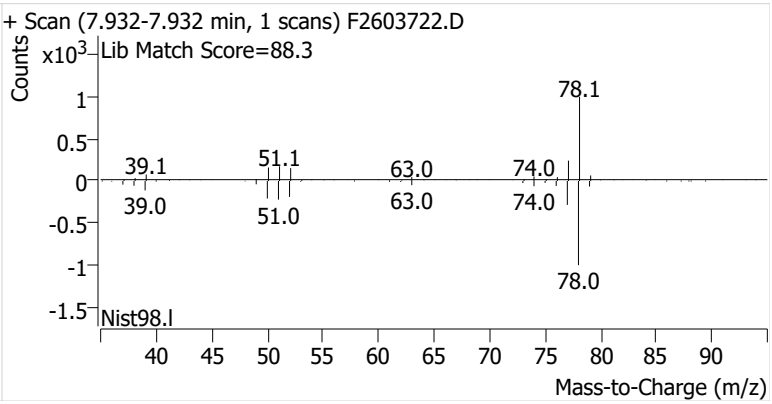
benzene-d6 (IS)



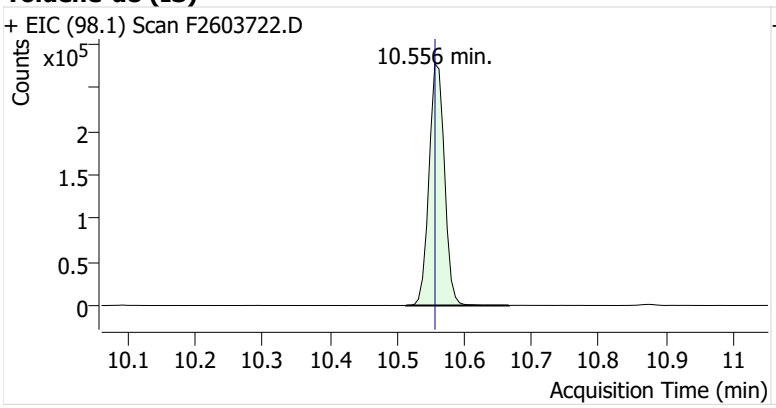


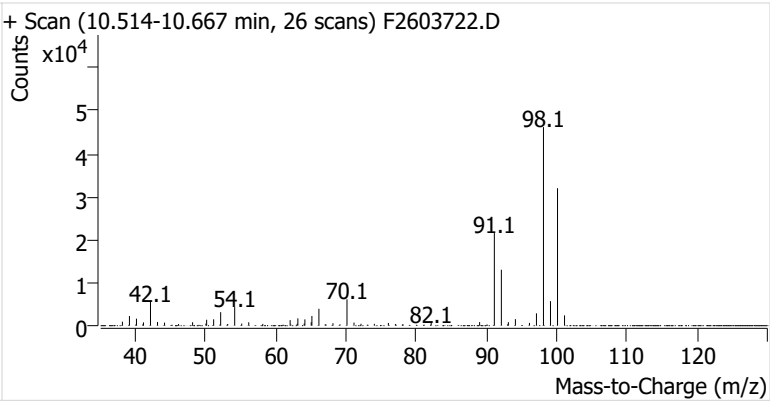
Benzene



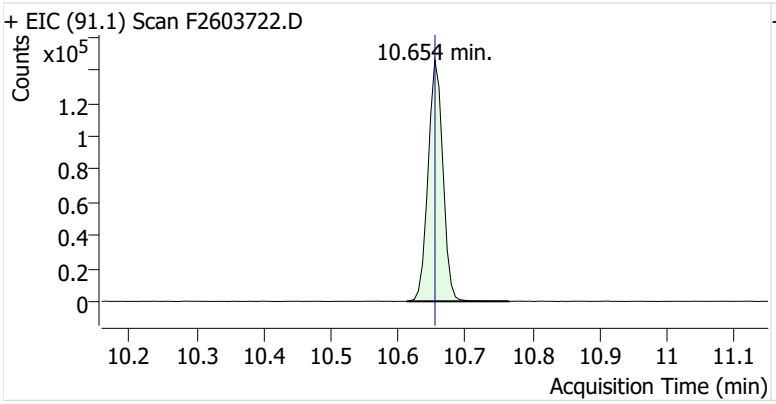


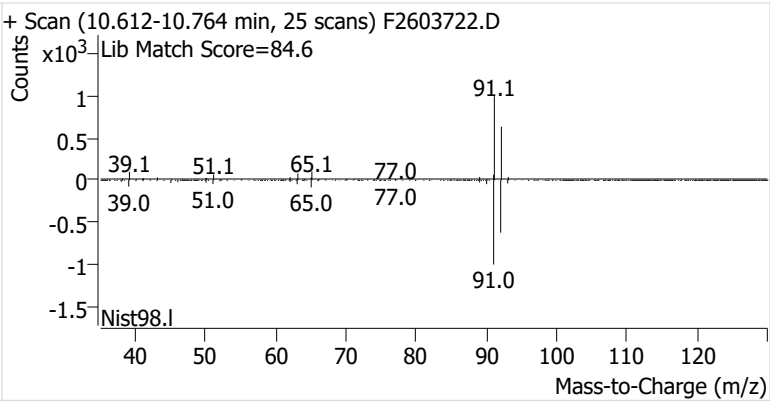
Toluene-d8 (IS)



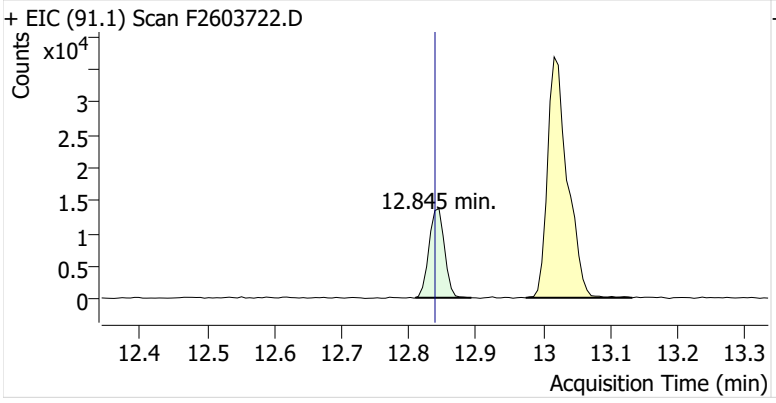


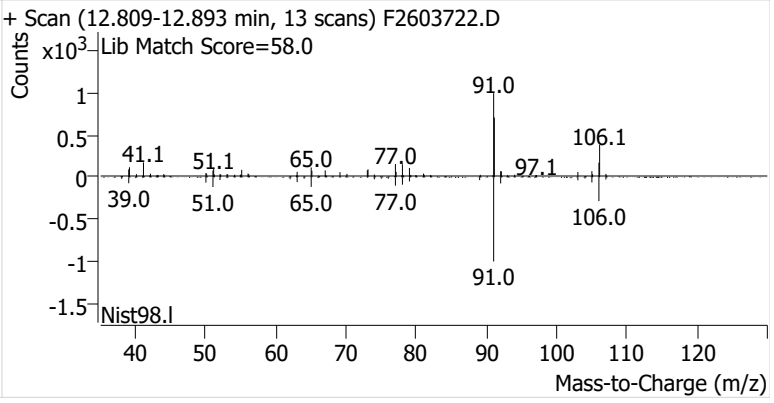
Toluene



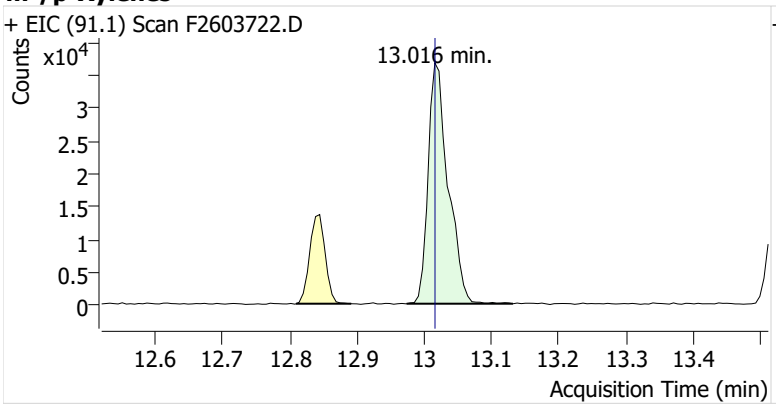


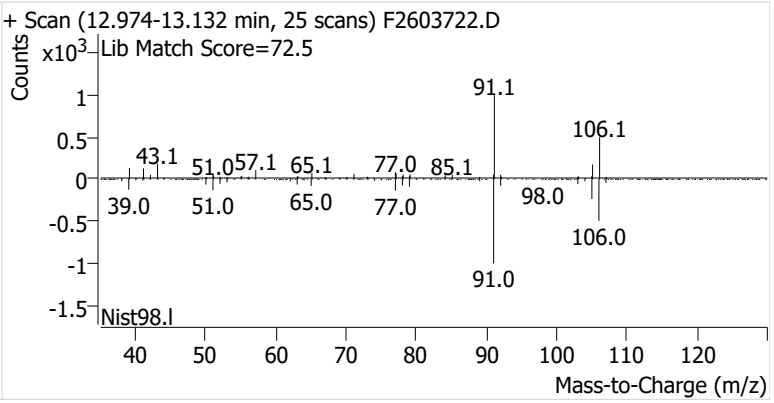
Ethylbenzene



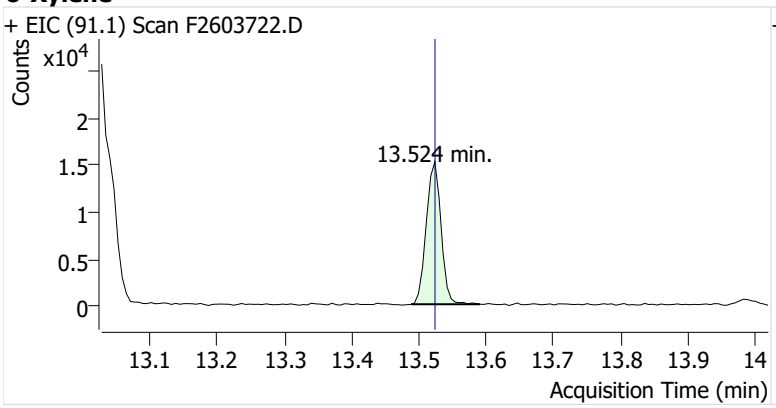


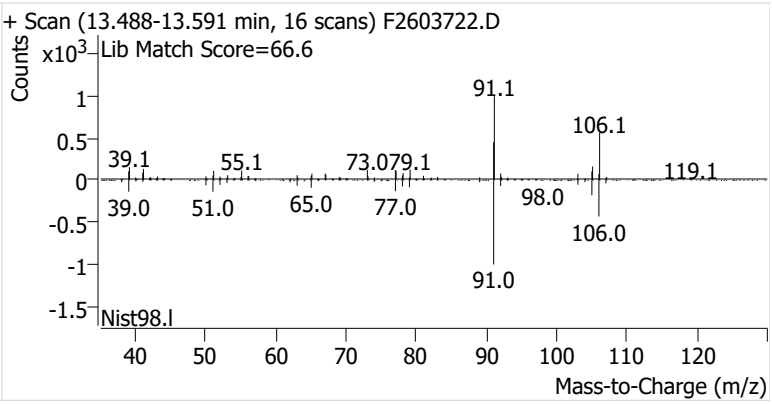
m-/p-Xylenes





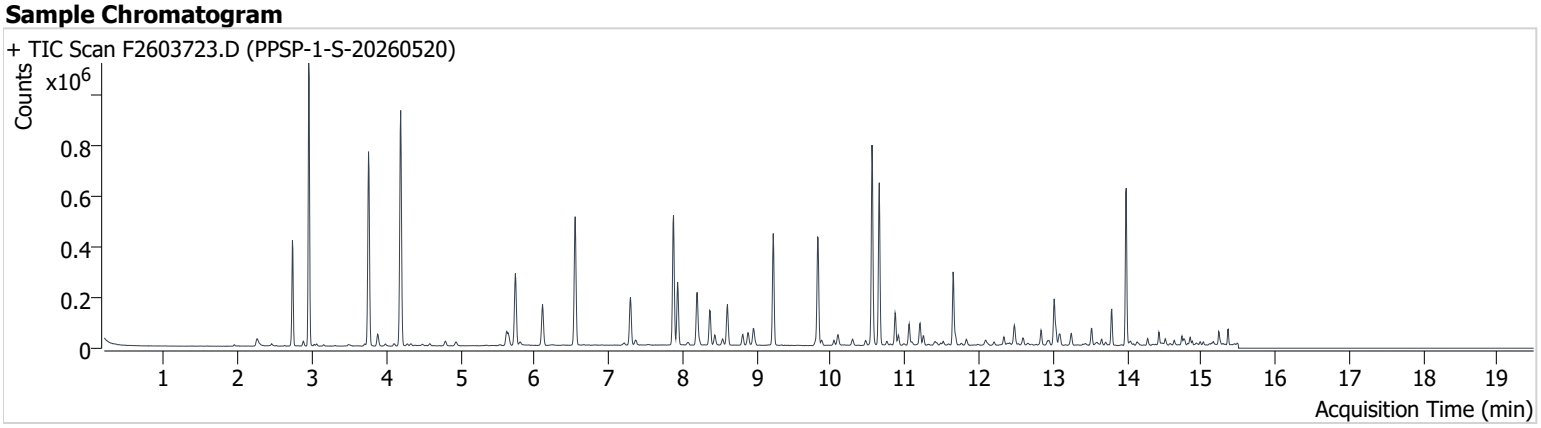
o-Xylene


+ EIC (91.1) Scan F2603722.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, 16 scans) F2603722.D
Lib Match Score=66.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
73.0
79.1
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)

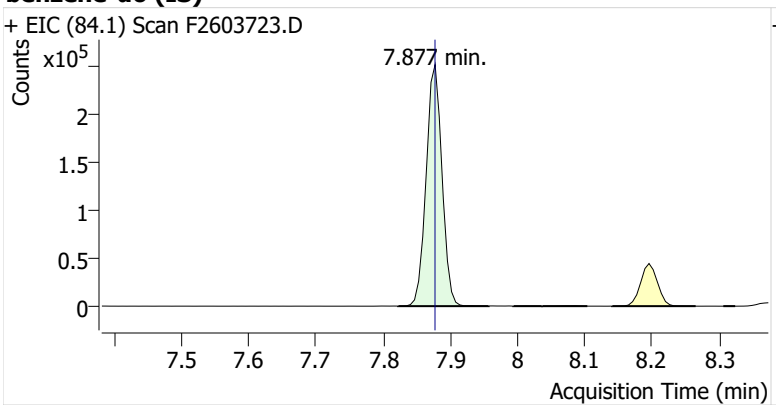
Name	PPSP-1-S-20260520
Comment	C43385
Data File	F2603723.D
Acq. Date-Time	6/6/2026 1:06:38 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

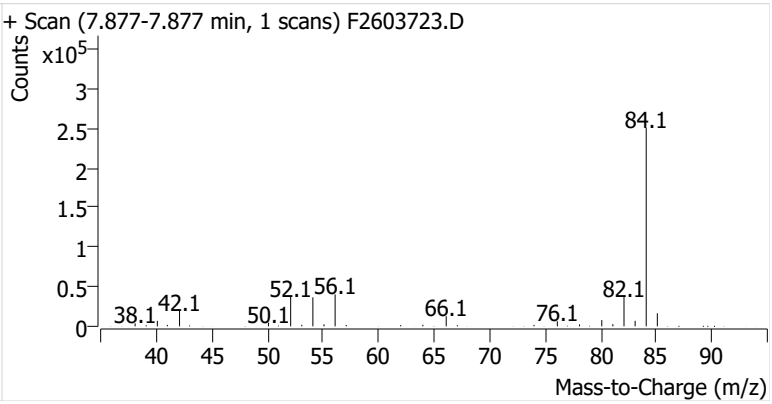
Sample Chromatogram



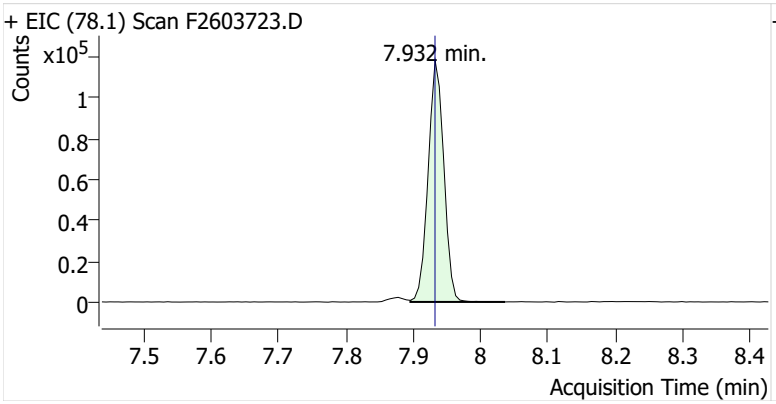
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	409,805	
Benzene	benzene-d6 (IS)	7.932	7.932	191,799	
Toluene-d8 (IS)		10.557	10.557	442,929	
Toluene	Toluene-d8 (IS)	10.655	10.655	391,628	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	34,800	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	121,126	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	36,522	

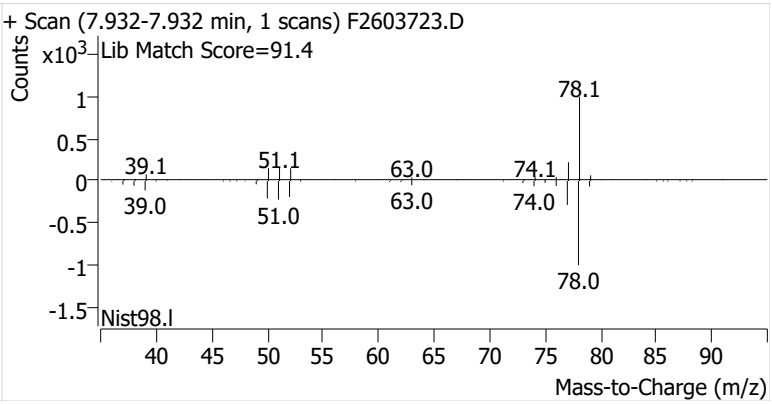
benzene-d6 (IS)



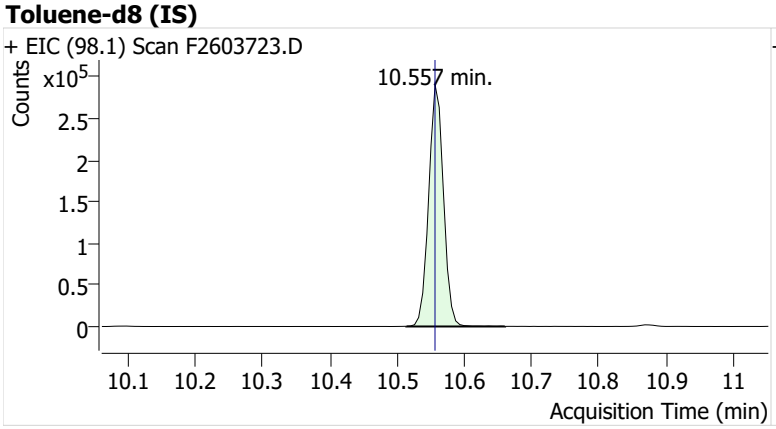


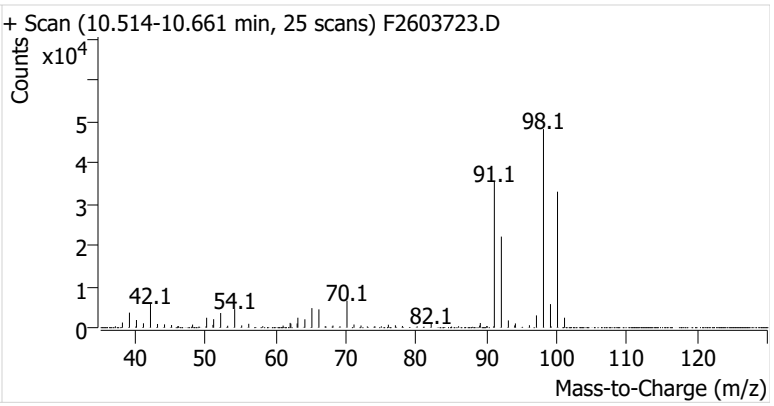
Benzene



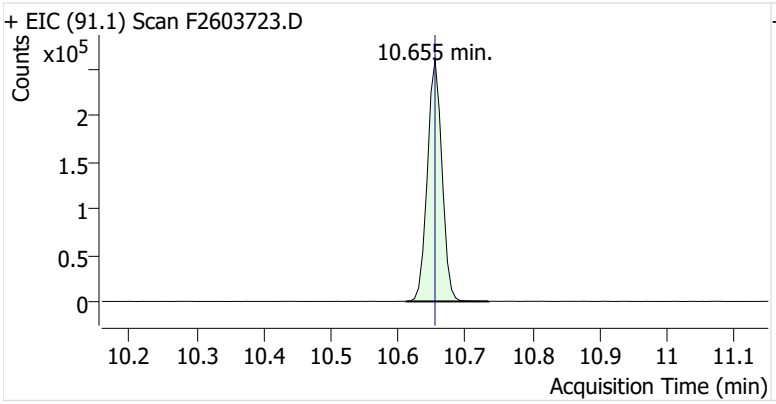


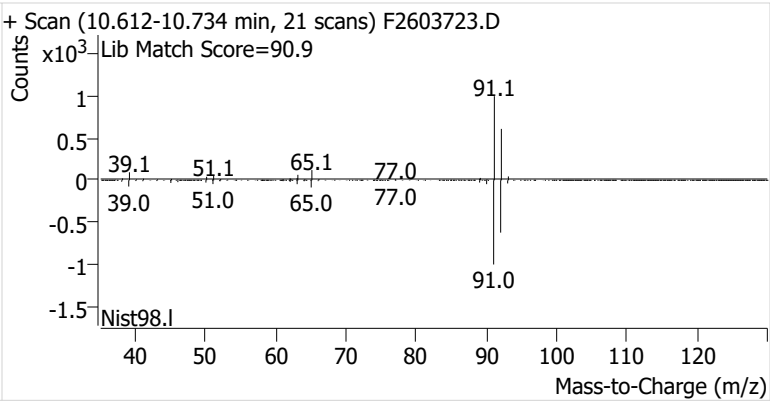
Toluene-d8 (IS)



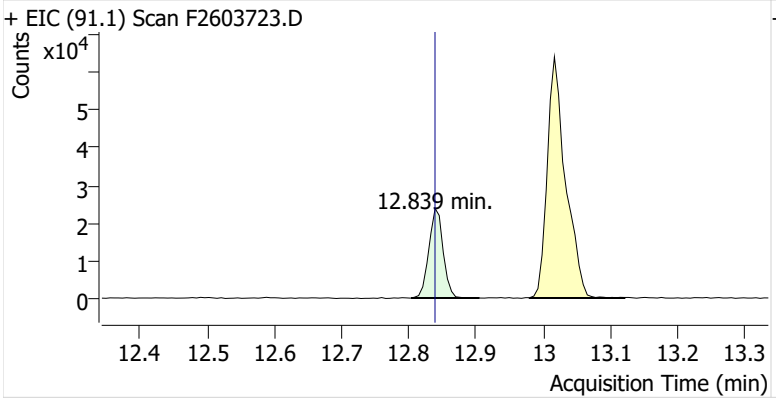


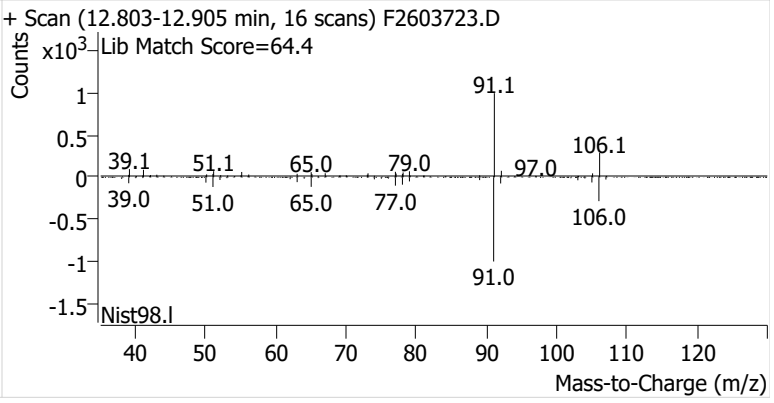
Toluene



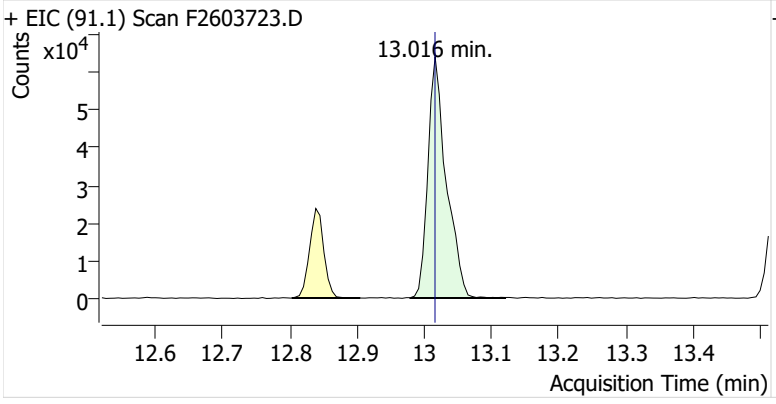


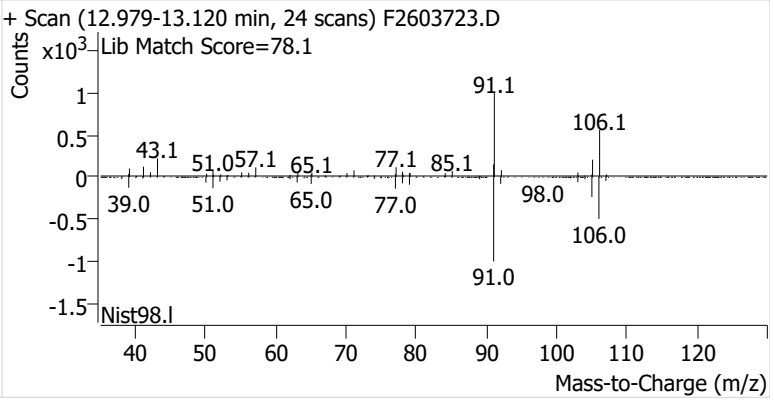
Ethylbenzene



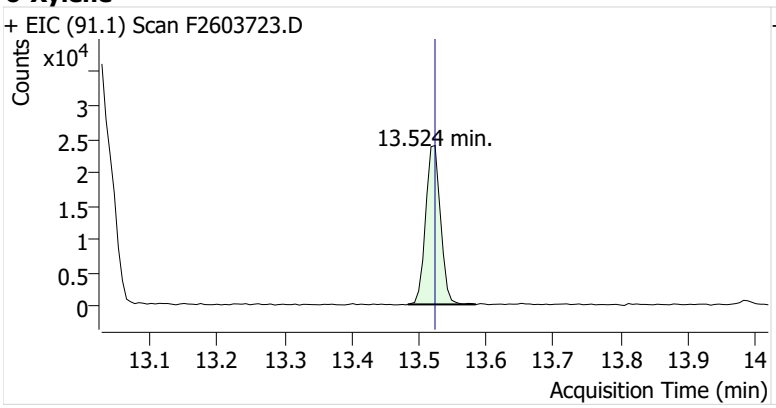


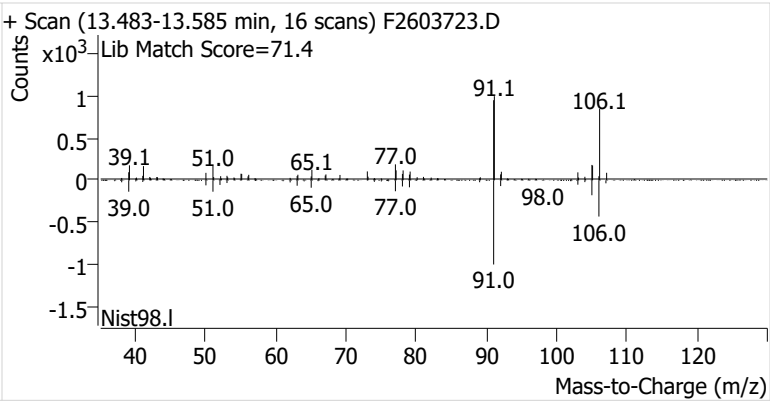
m-/p-Xylenes





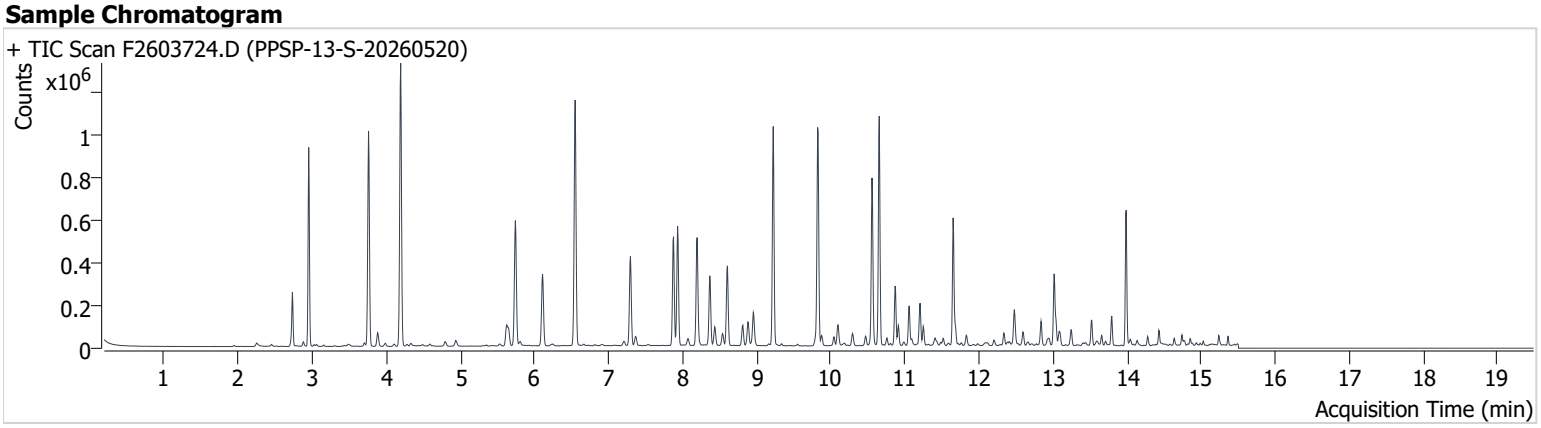
o-Xylene


+ EIC (91.1) Scan F2603723.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.483-13.585 min, 16 scans) F2603723.D
Counts
x10^3
Lib Match Score=71.4
91.1
106.1
39.1
51.0
65.1
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

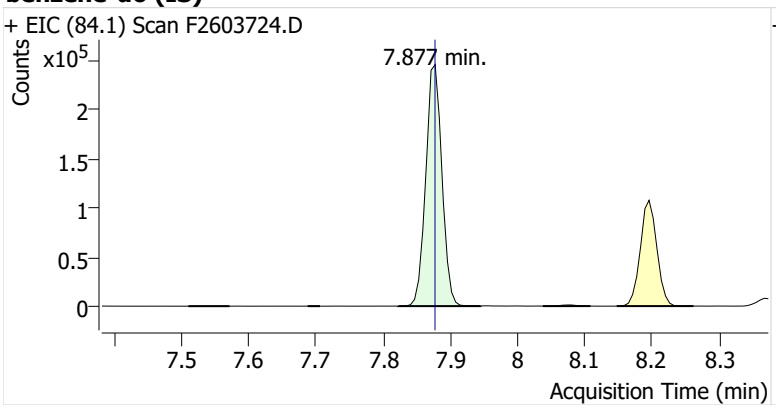
Name	PPSP-13-S-20260520
Comment	C71732
Data File	F2603724.D
Acq. Date-Time	6/6/2026 1:32:11 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

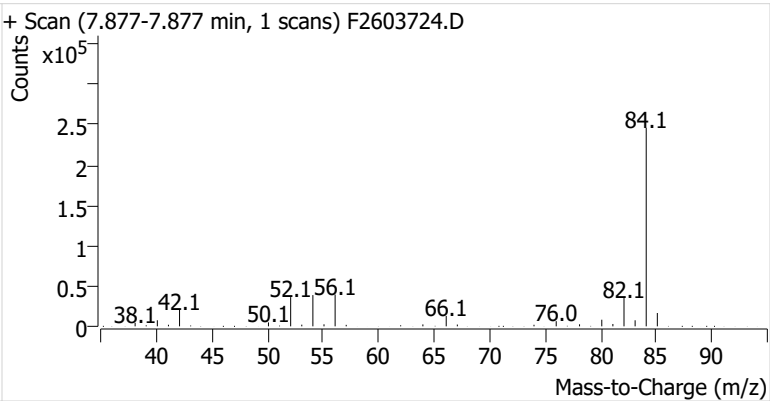
Sample Chromatogram



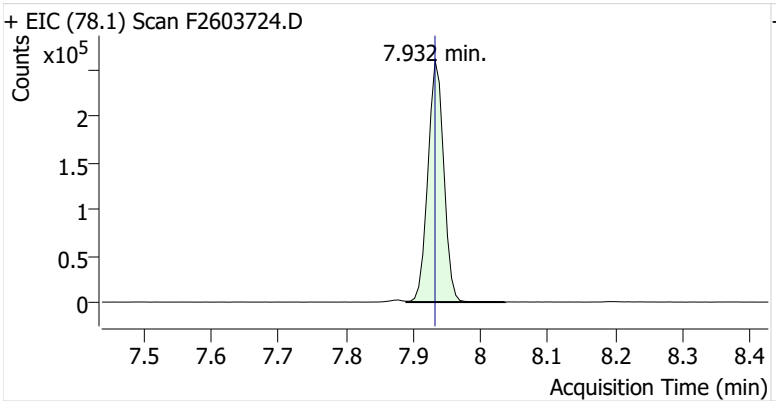
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	411,099	
Benzene	benzene-d6 (IS)	7.932	7.932	426,413	
Toluene-d8 (IS)		10.557	10.557	444,655	
Toluene	Toluene-d8 (IS)	10.655	10.655	662,769	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	62,981	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	220,787	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	66,309	

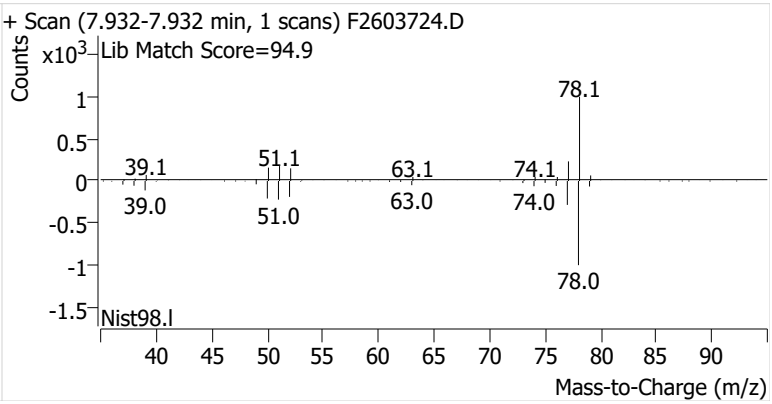
benzene-d6 (IS)



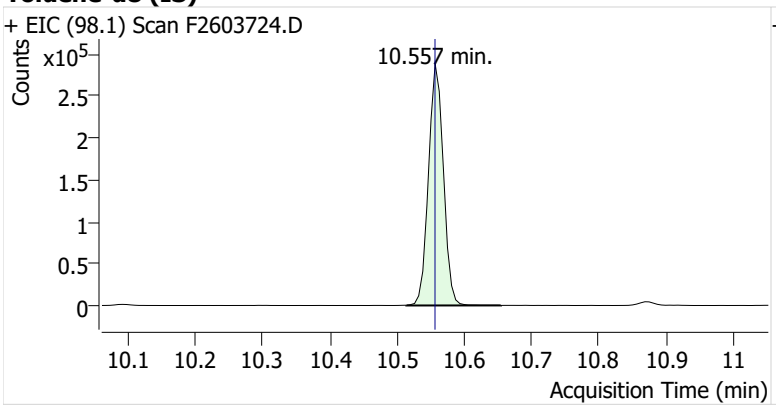


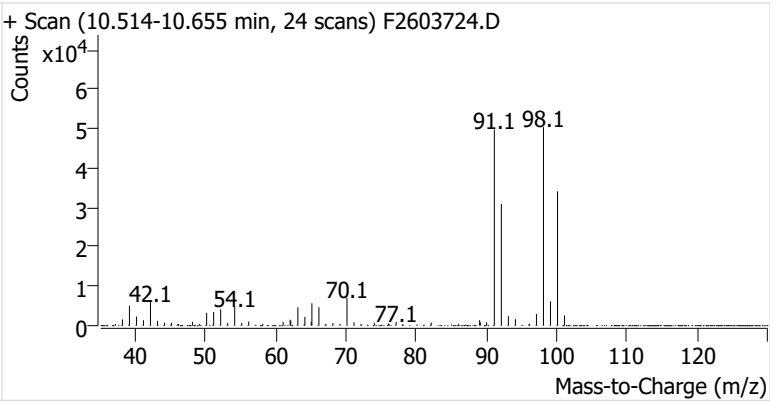
Benzene



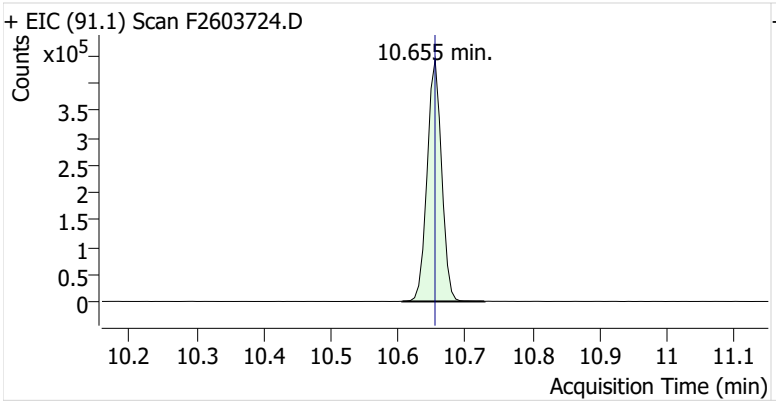


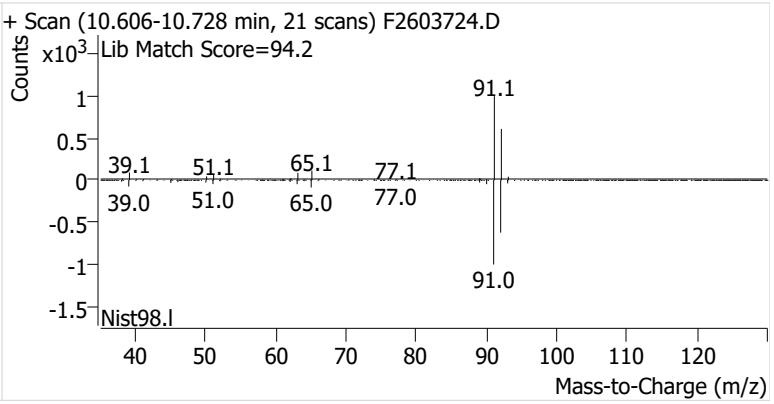
Toluene-d8 (IS)



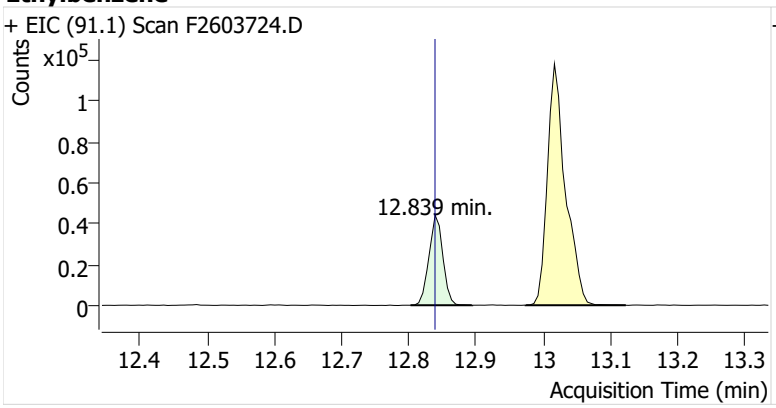


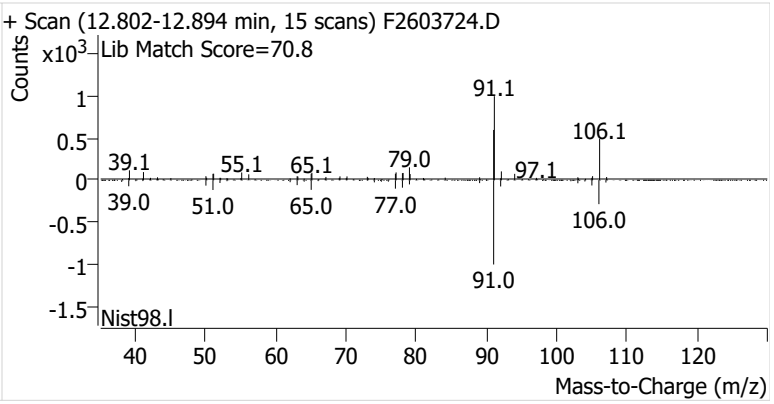
Toluene



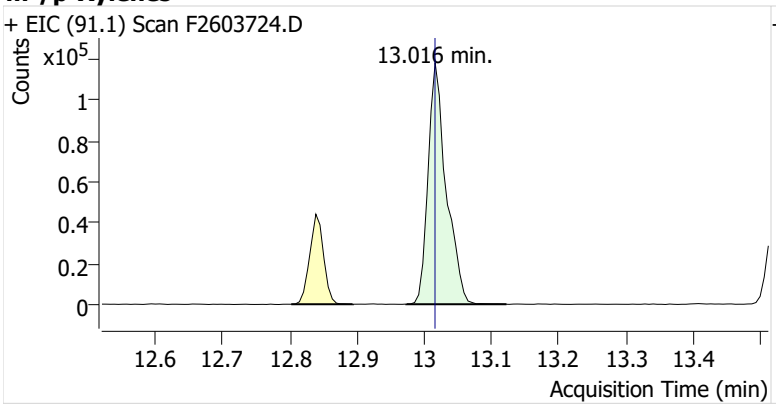


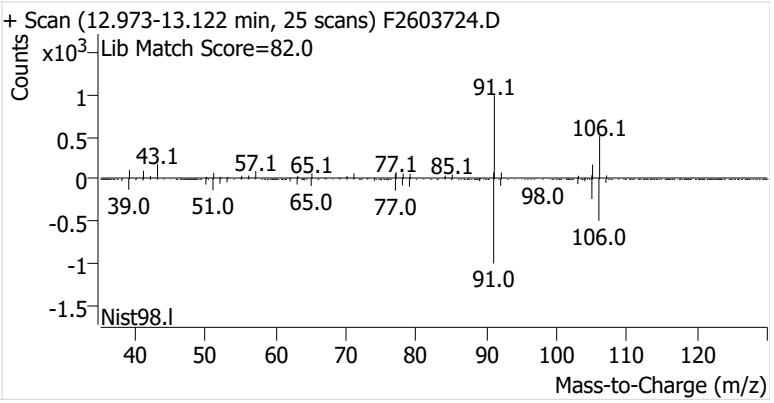
Ethylbenzene



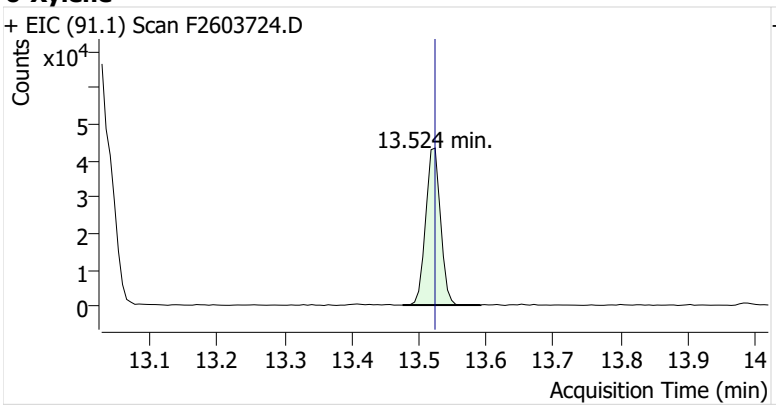


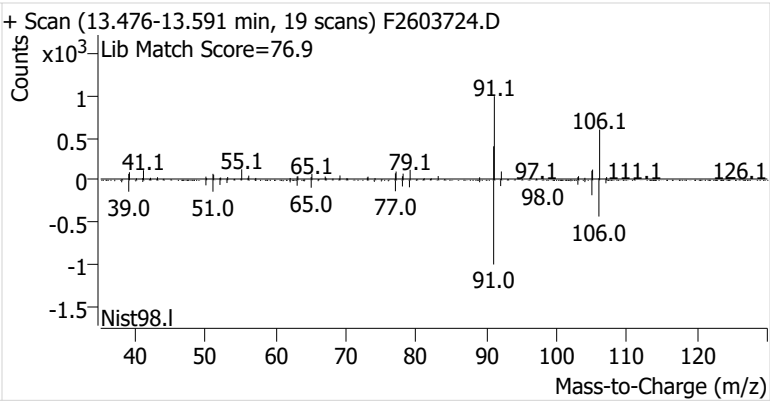
m-/p-Xylenes





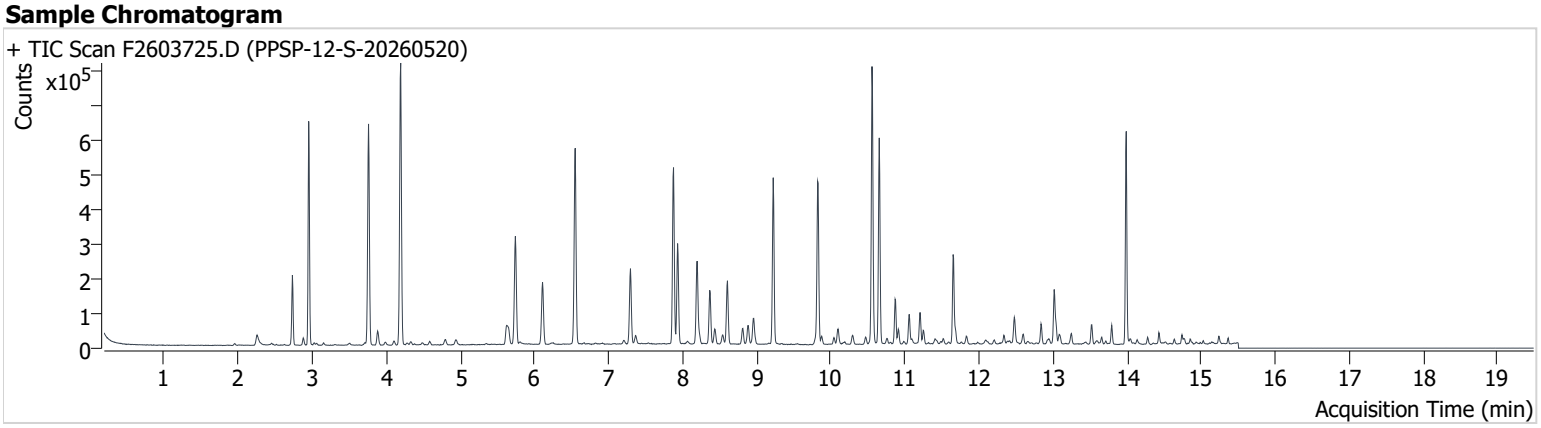
o-Xylene


+ EIC (91.1) Scan F2603724.D
Counts
x10^4
13.524 min.
Acquisition Time (min)


+ Scan (13.476-13.591 min, 19 scans) F2603724.D
Lib Match Score=76.9
Counts
x10^3
91.1
106.1
41.1
55.1
65.1
79.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

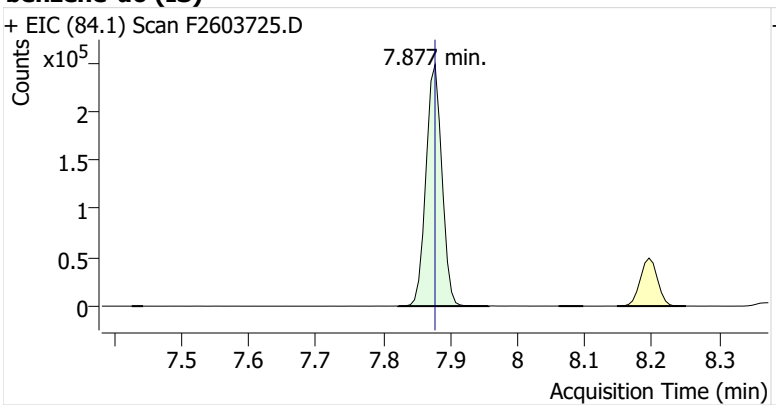
Name	PPSP-12-S-20260520
Comment	C43661
Data File	F2603725.D
Acq. Date-Time	6/6/2026 1:57:46 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

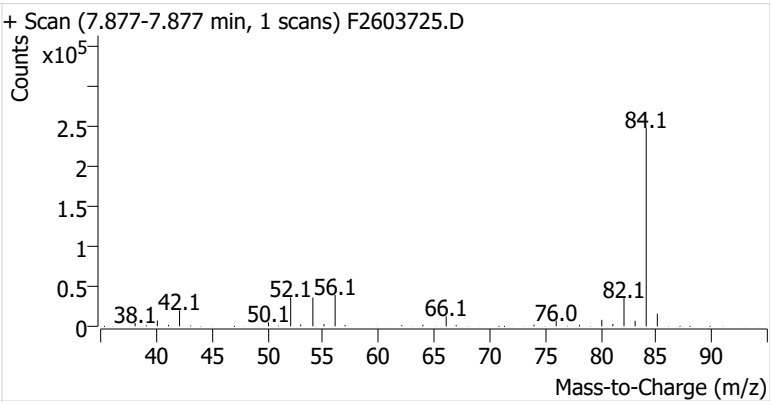
Sample Chromatogram



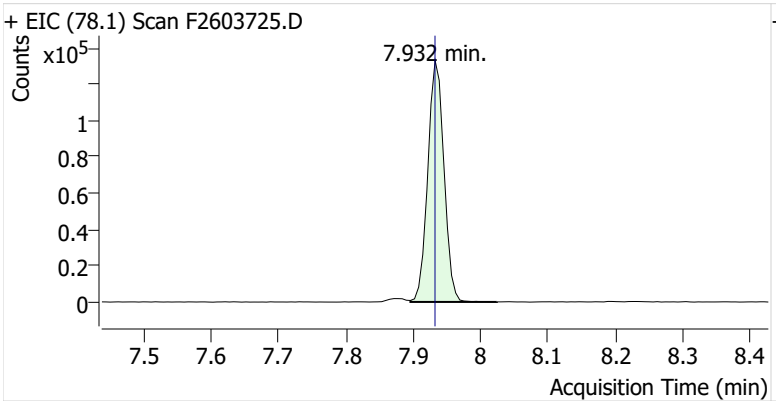
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	409,028	
Benzene	benzene-d6 (IS)	7.932	7.932	222,064	
Toluene-d8 (IS)		10.557	10.557	448,432	
Toluene	Toluene-d8 (IS)	10.655	10.655	360,751	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	34,556	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	104,167	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	31,762	

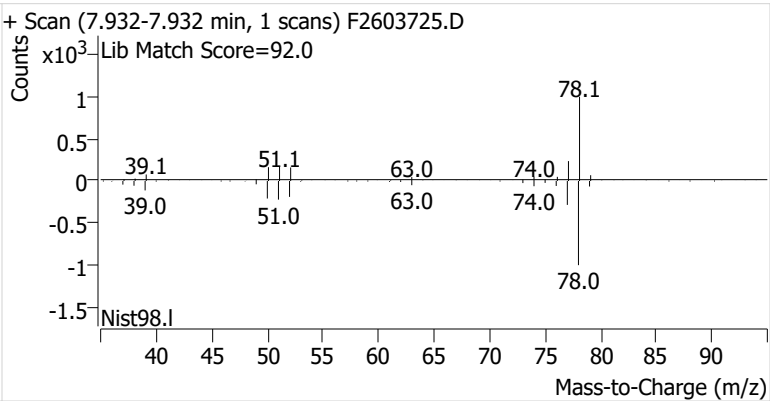
benzene-d6 (IS)



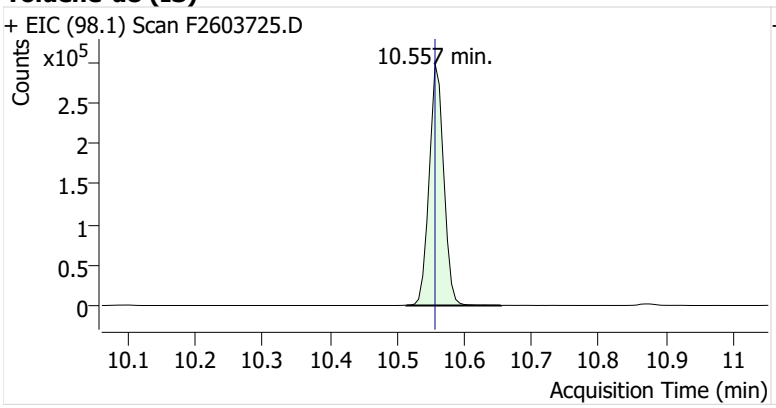


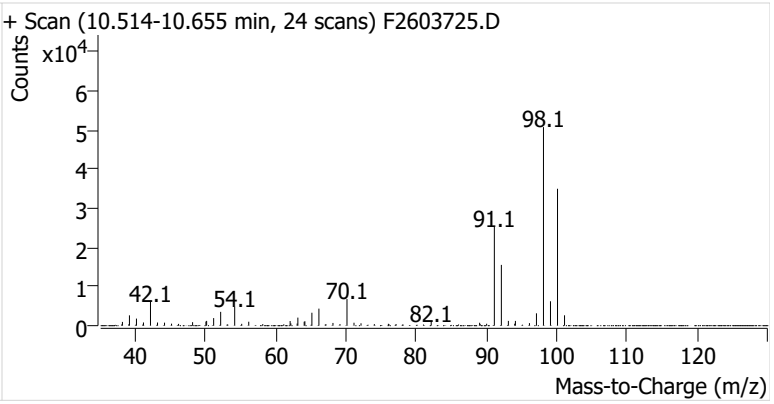
Benzene



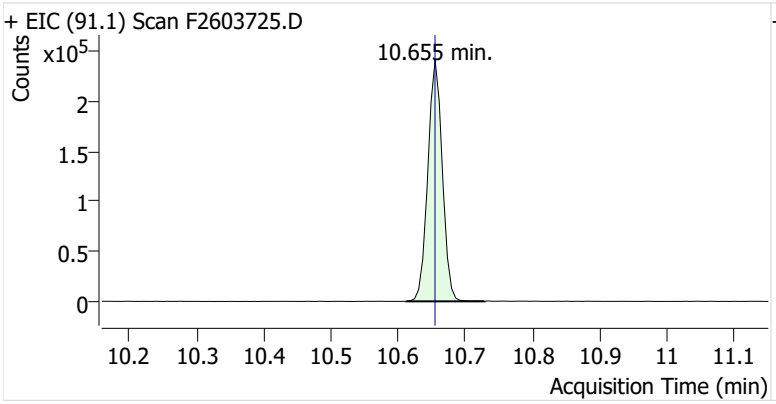


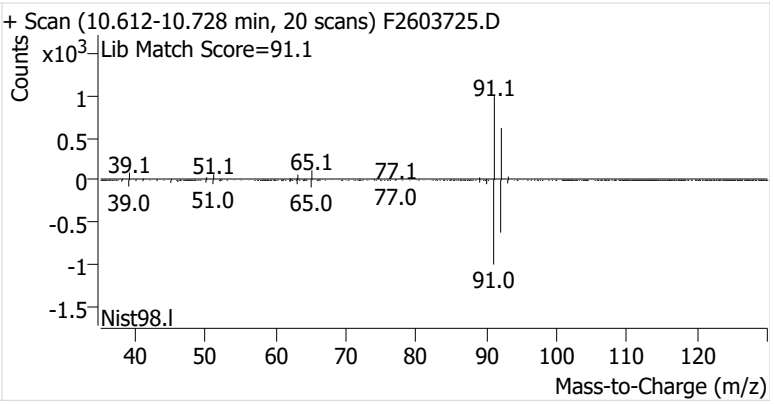
Toluene-d8 (IS)



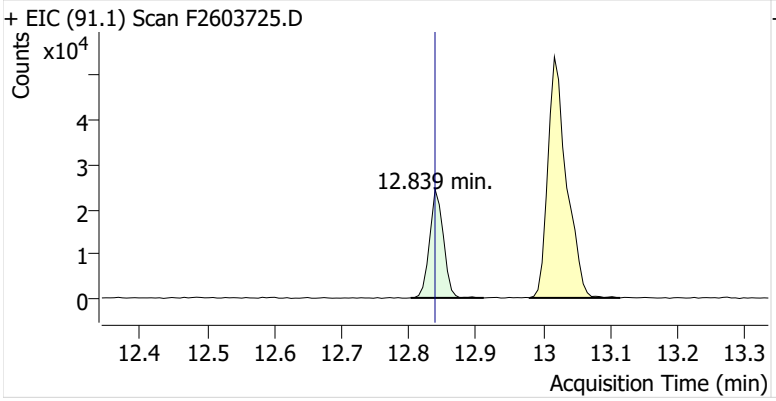


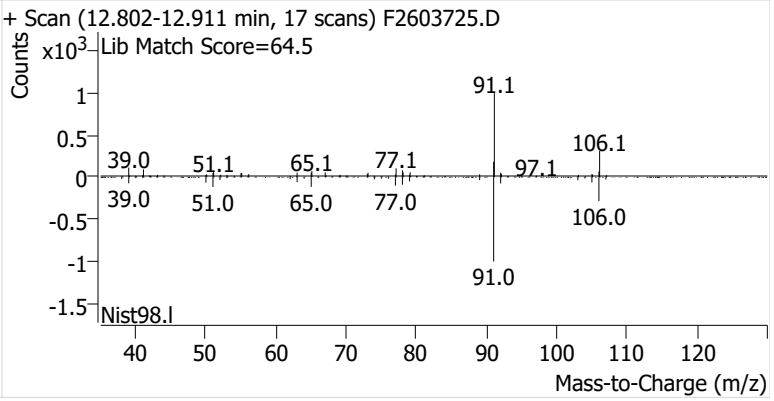
Toluene



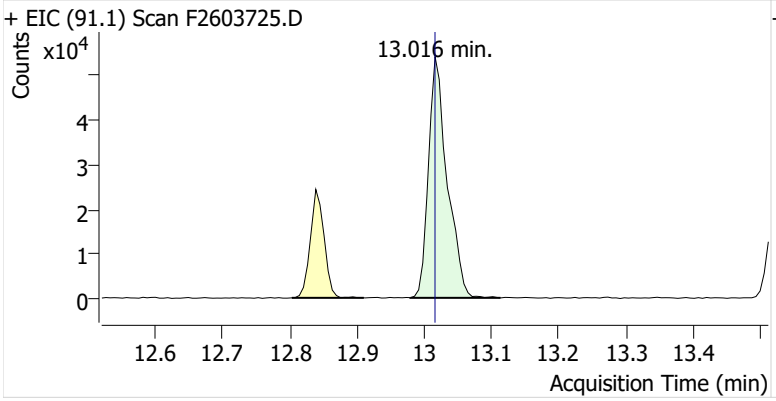


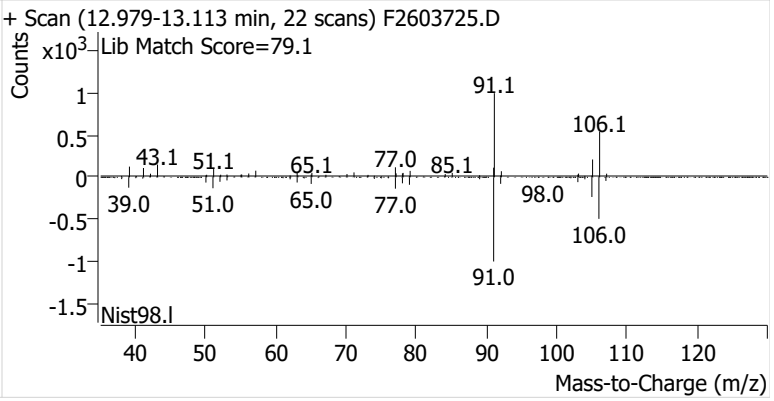
Ethylbenzene



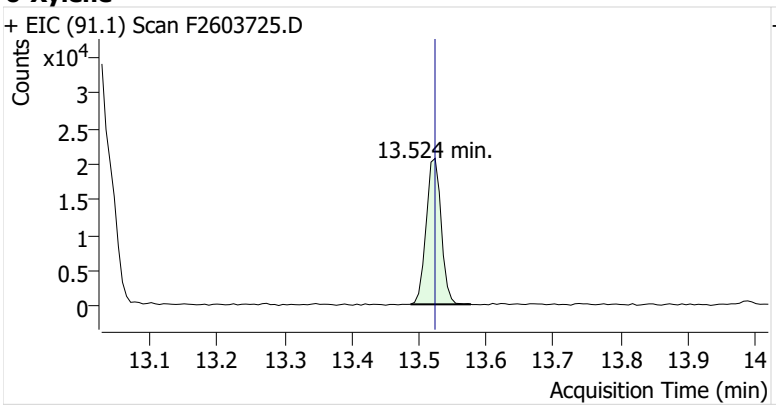


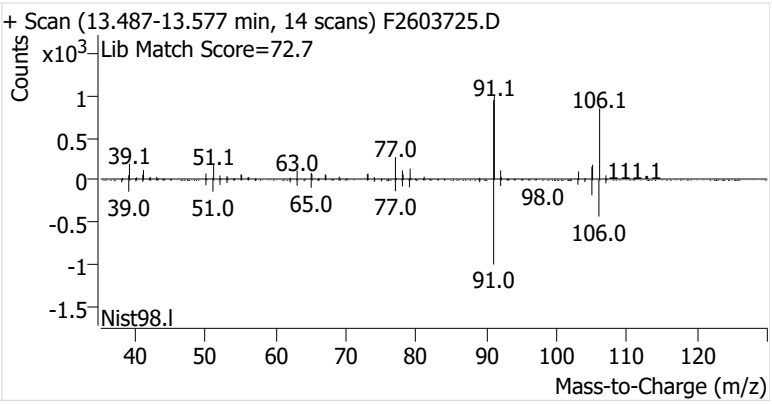
m-/p-Xylenes





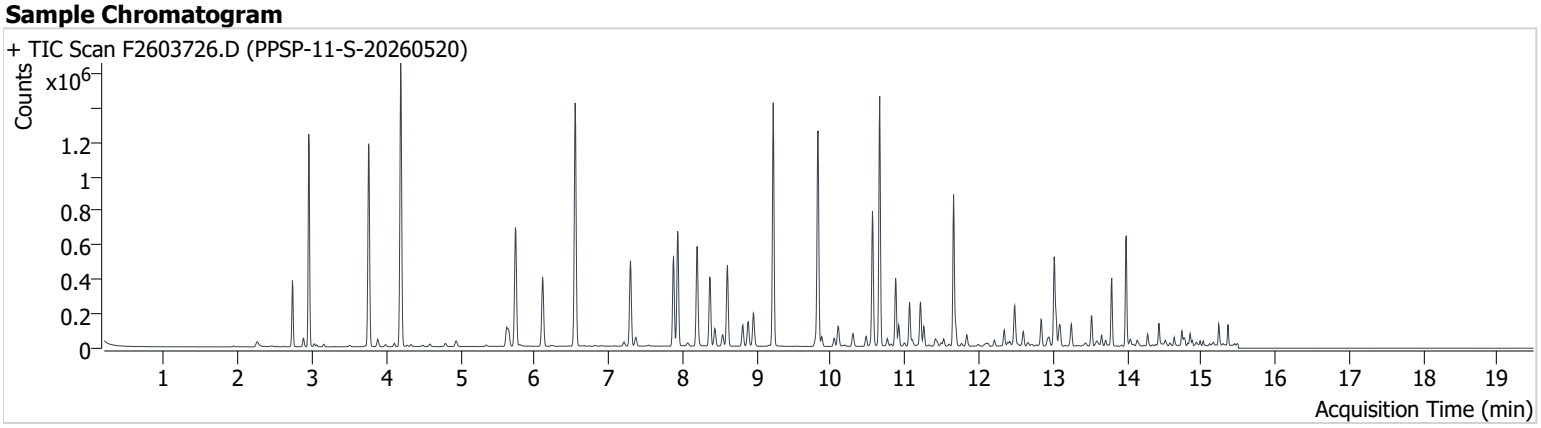
o-Xylene


+ EIC (91.1) Scan F2603725.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 (13.487-13.577 min, 14 scans) F2603725.D
Lib Match Score=72.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.0
77.0
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)

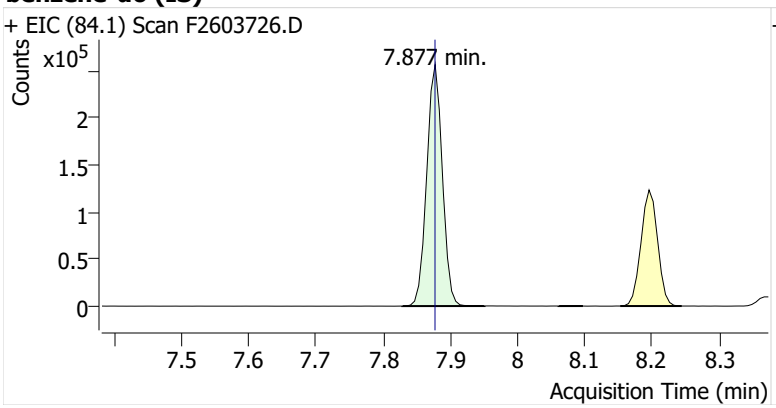
Name	PPSP-11-S-20260520
Comment	C57722
Data File	F2603726.D
Acq. Date-Time	6/6/2026 2:23:18 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

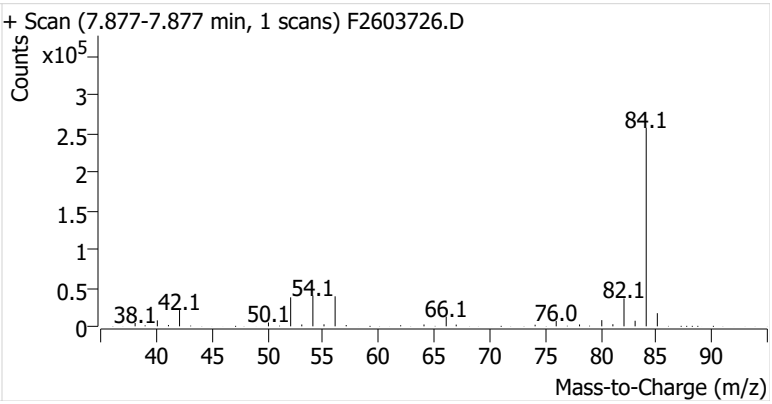
Sample Chromatogram



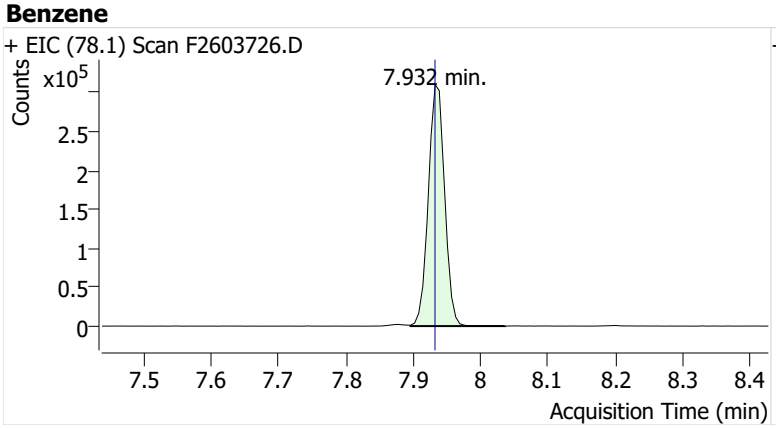
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	414,387	
Benzene	benzene-d6 (IS)	7.932	7.932	522,766	
Toluene-d8 (IS)		10.563	10.557	449,426	
Toluene	Toluene-d8 (IS)	10.661	10.655	882,805	
Ethylbenzene	Toluene-d8 (IS)	12.845	12.839	95,224	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	345,225	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	98,074	

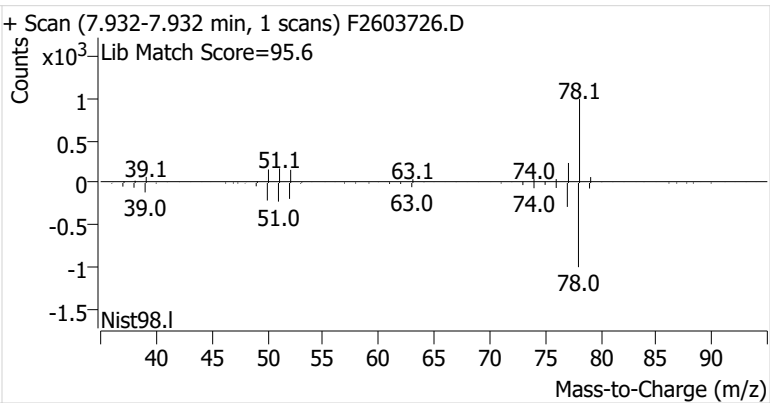
benzene-d6 (IS)



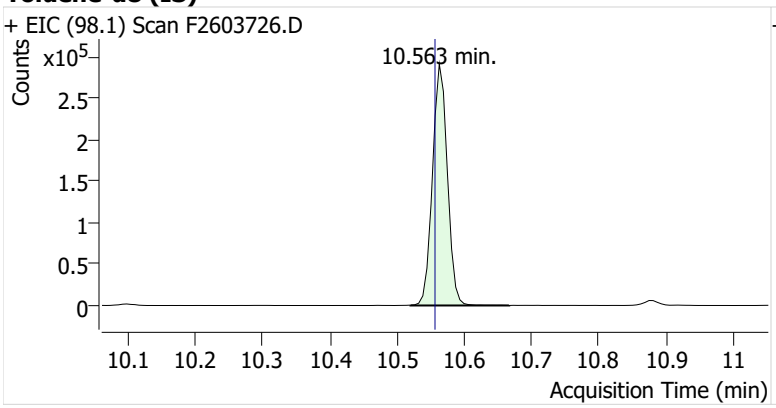


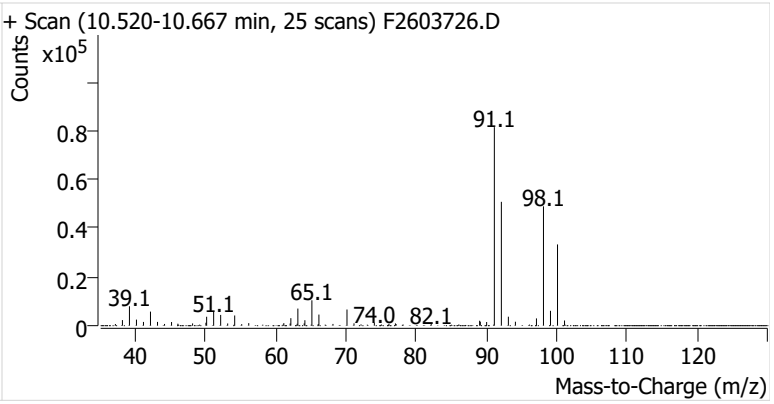
Benzene



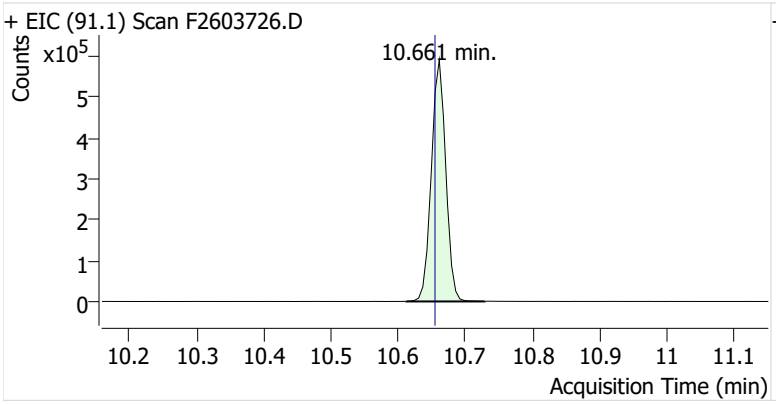


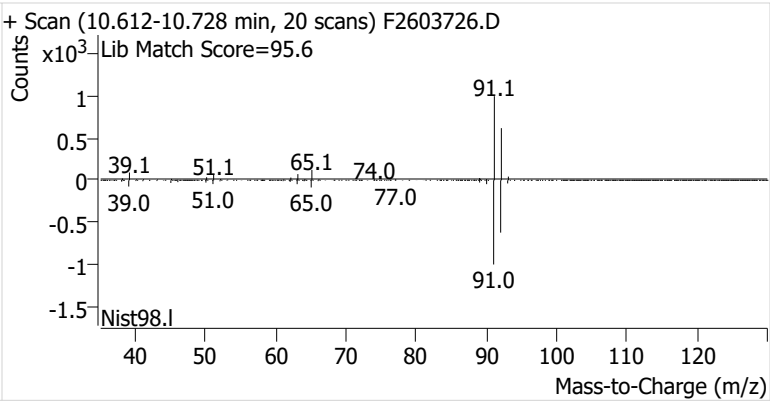
Toluene-d8 (IS)



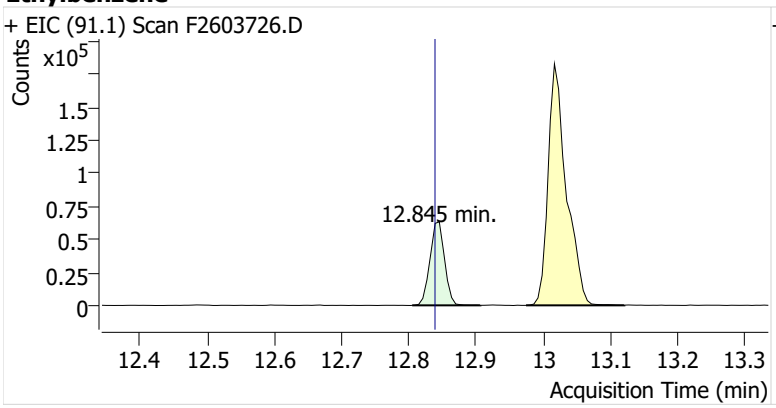


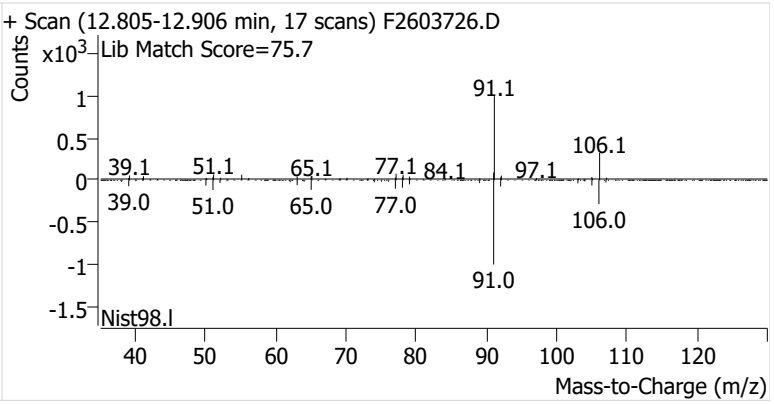
Toluene



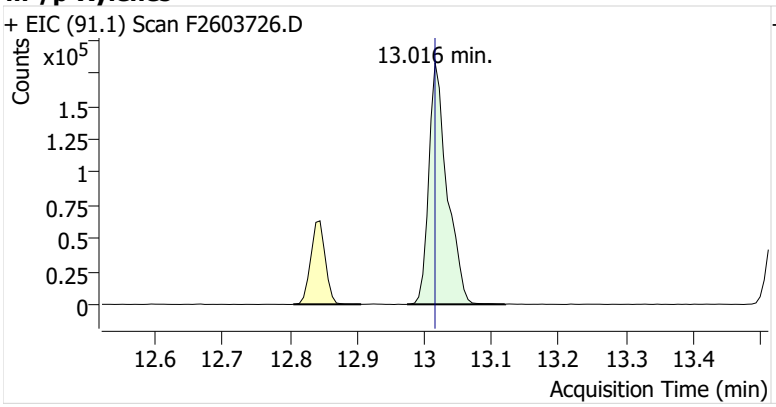


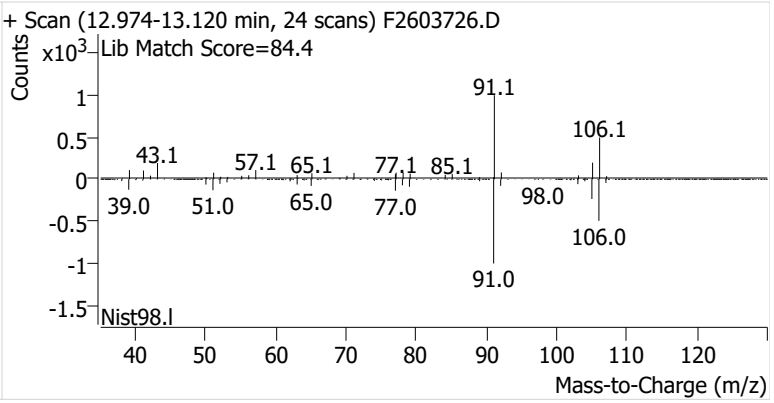
Ethylbenzene



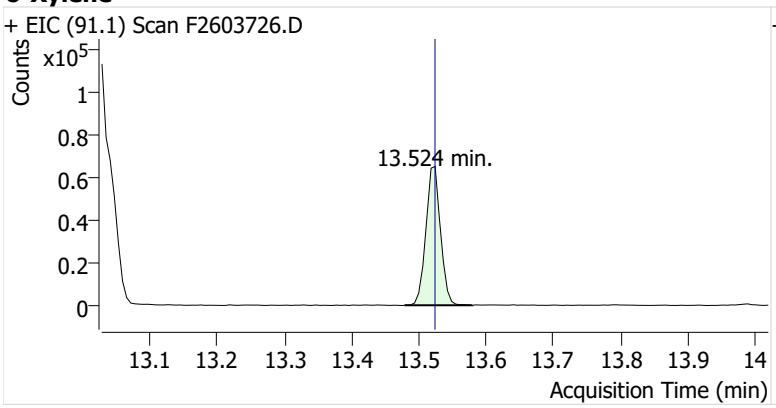


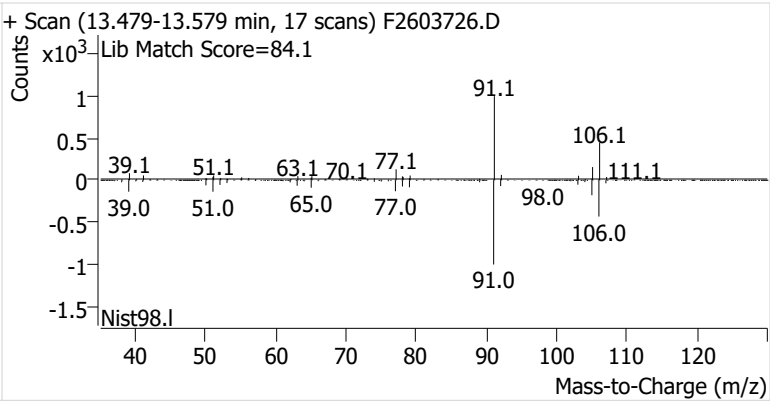
m-/p-Xylenes





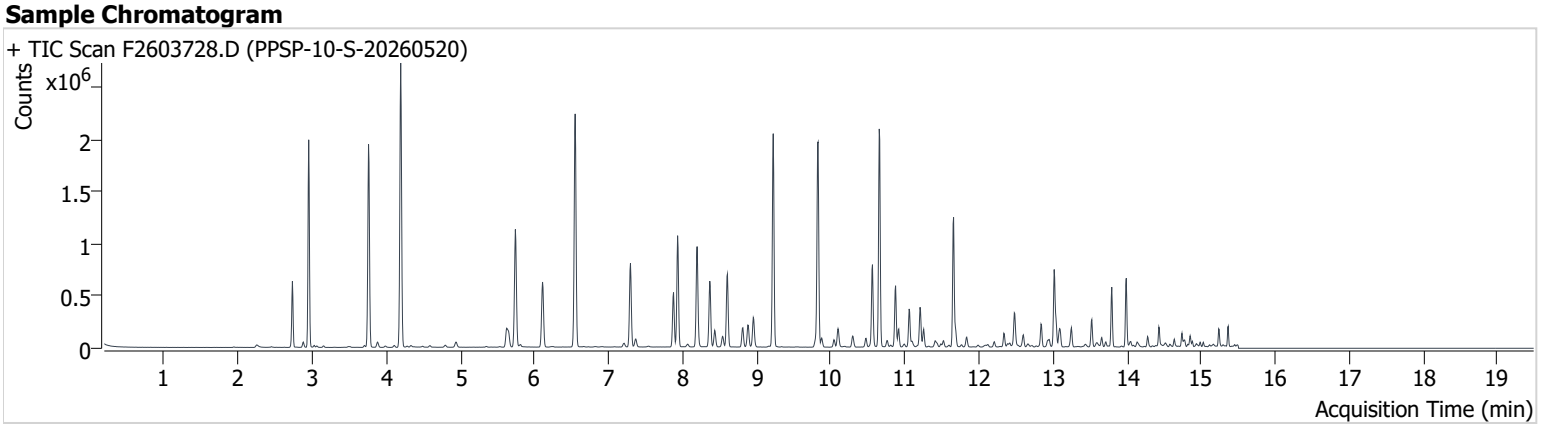
o-Xylene


+ EIC (91.1) Scan F2603726.D
Counts
x10^5
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 (13.479-13.579 min, 17 scans) F2603726.D
Counts
x10^3
Lib Match Score=84.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.1
51.1
63.1
70.1
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)

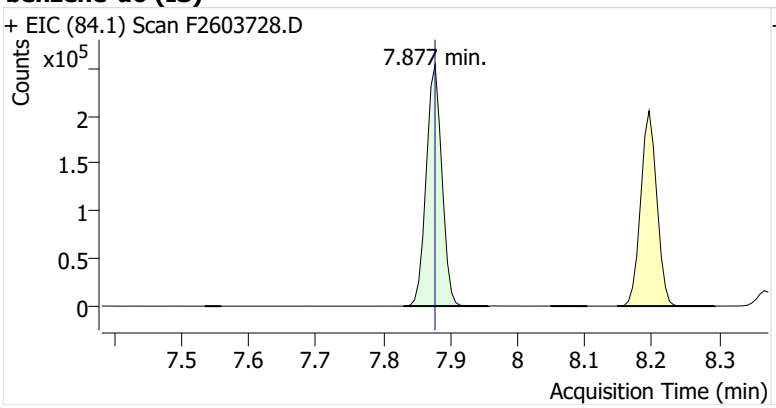
Name	PPSP-10-S-20260520
Comment	C69591
Data File	F2603728.D
Acq. Date-Time	6/6/2026 3:12:36 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

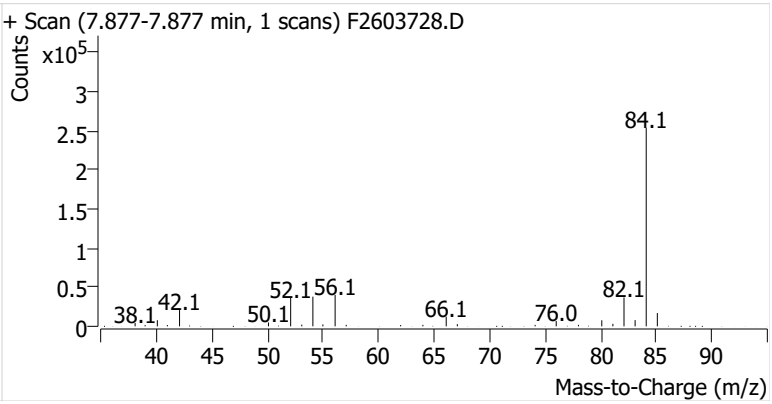
Sample Chromatogram



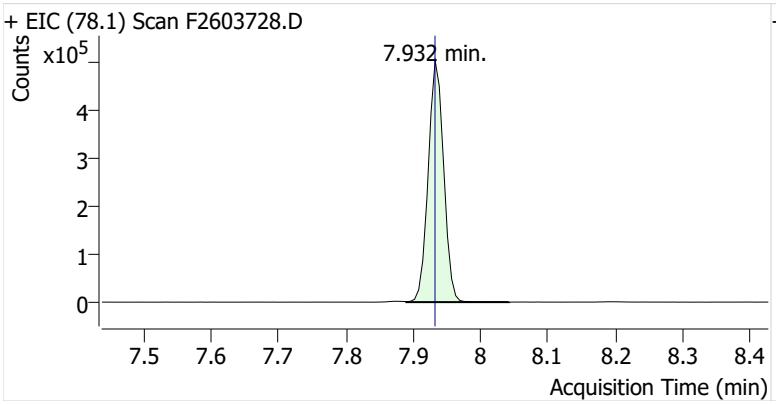
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	409,208	
Benzene	benzene-d6 (IS)	7.932	7.932	805,634	
Toluene-d8 (IS)		10.563	10.557	446,017	
Toluene	Toluene-d8 (IS)	10.655	10.655	1,327,994	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	132,967	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	482,902	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	141,118	

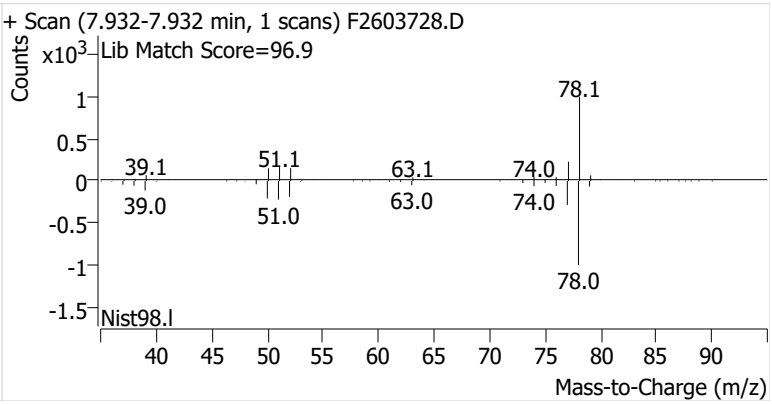
benzene-d6 (IS)



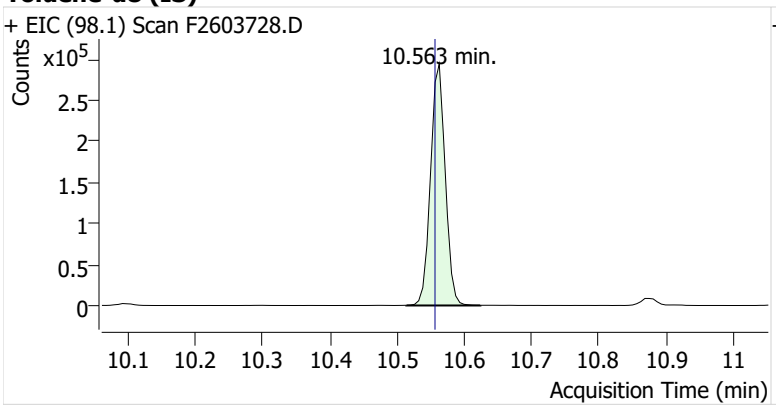


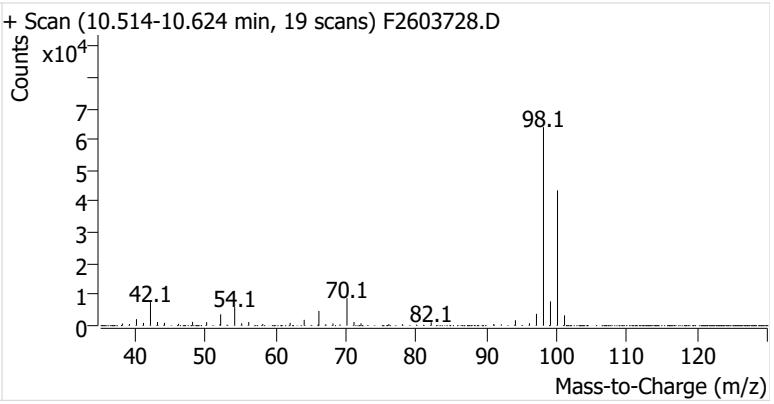
Benzene



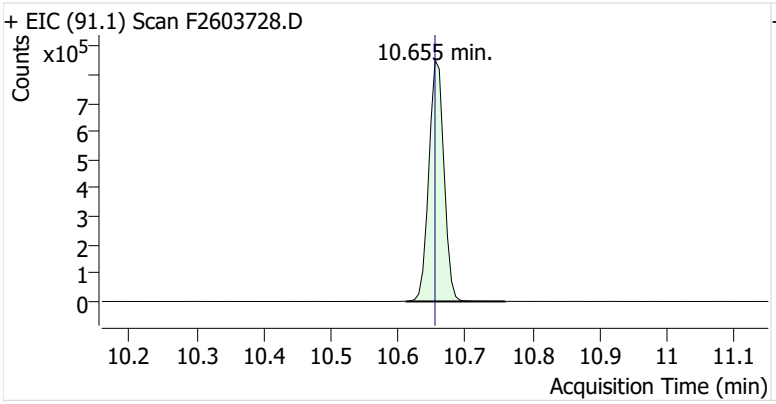


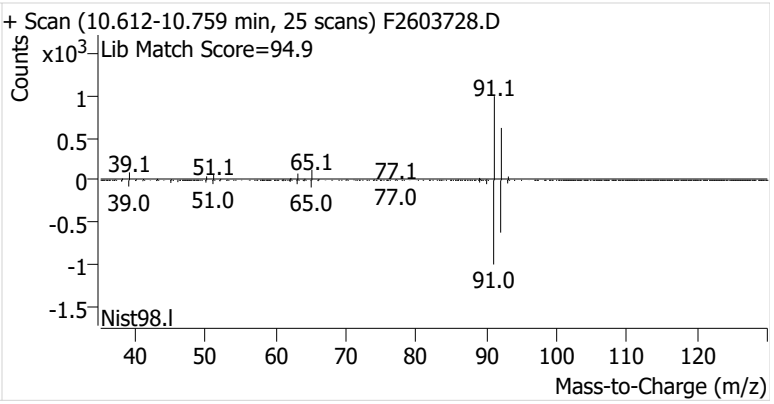
Toluene-d8 (IS)



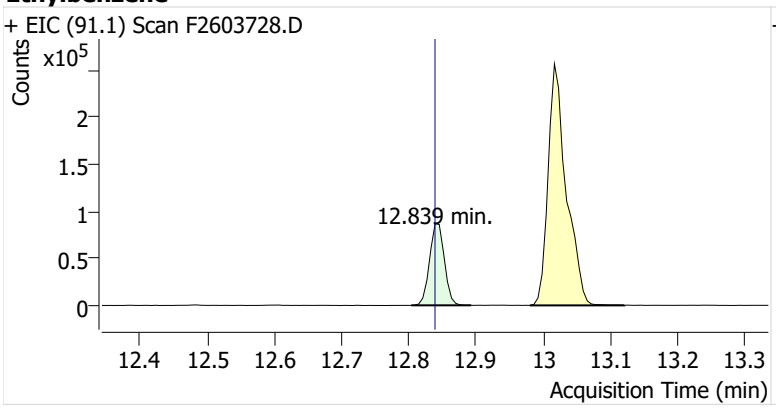


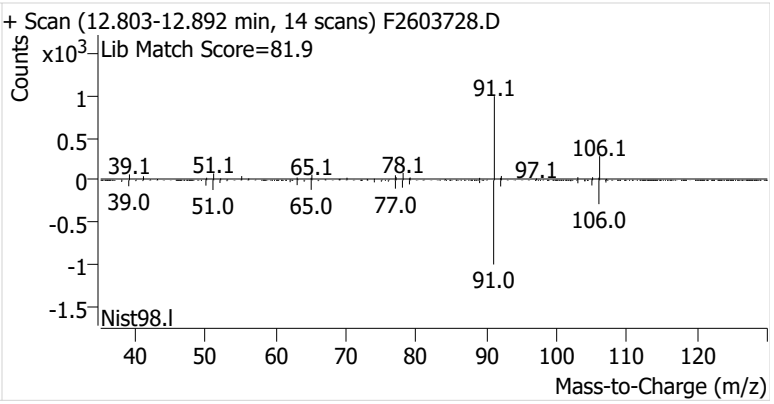
Toluene



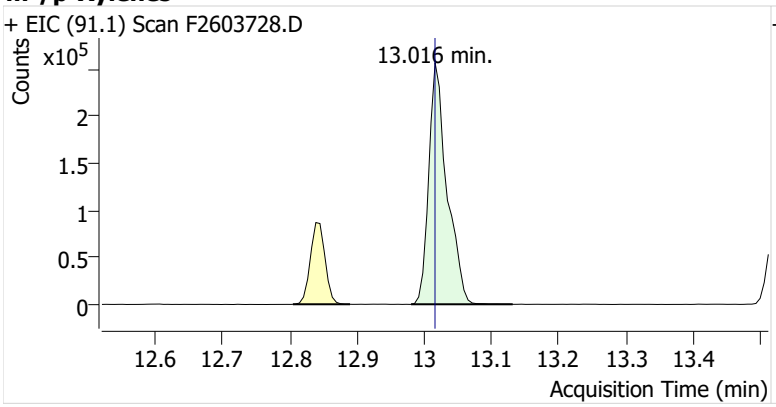


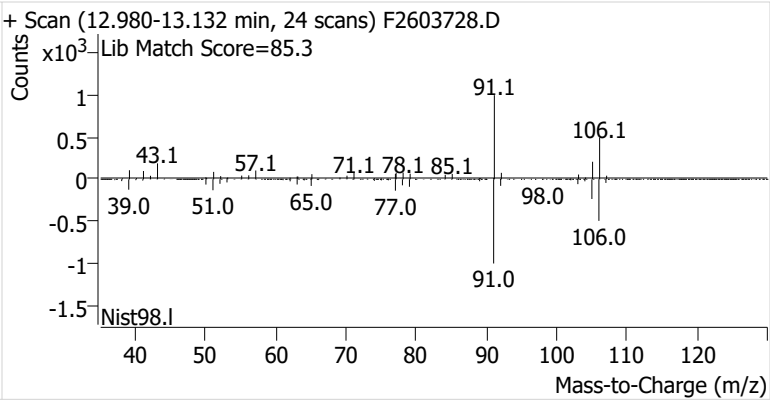
Ethylbenzene



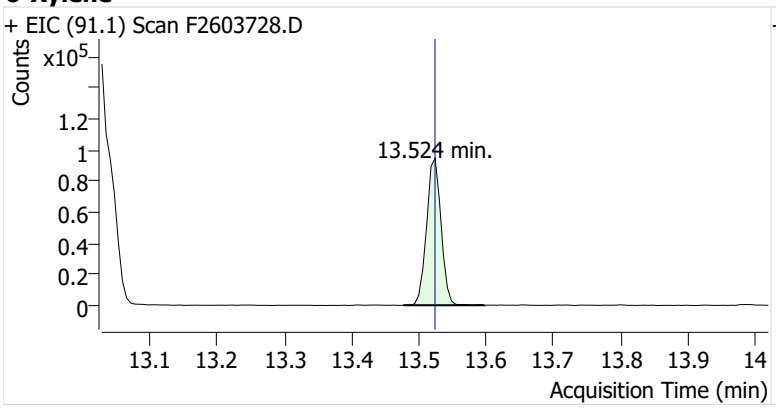


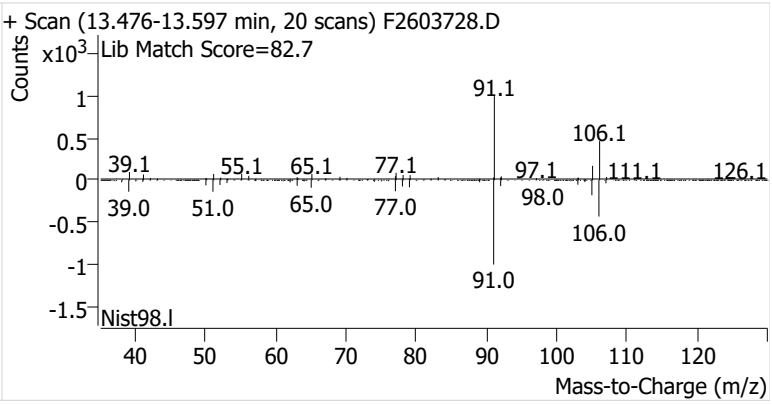
m-/p-Xylenes





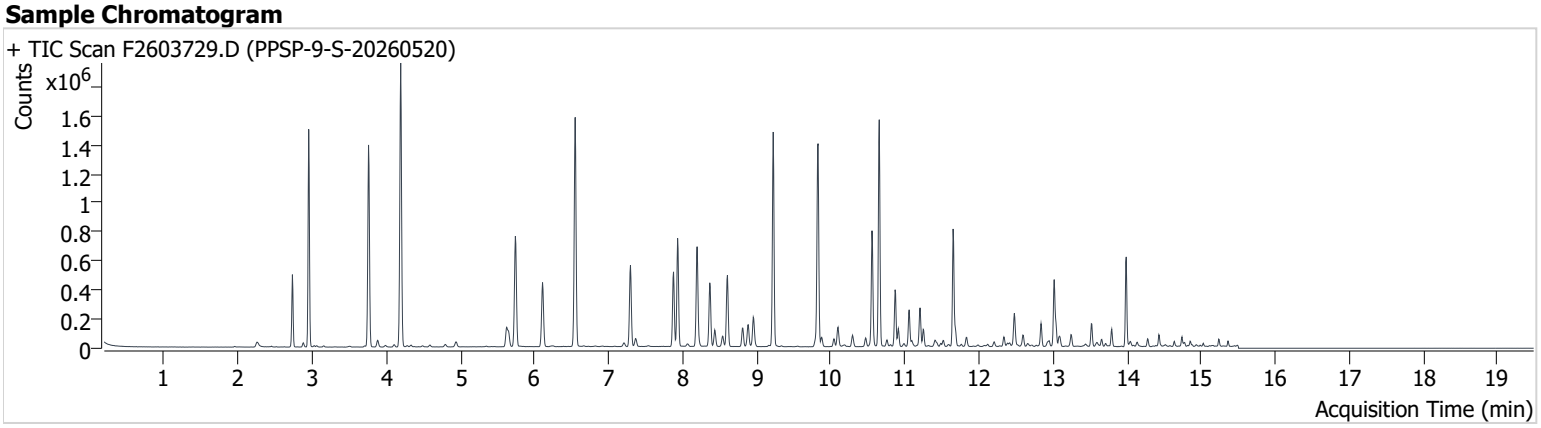
o-Xylene


+ EIC (91.1) Scan F2603728.D
Counts
x10^5
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 (13.476-13.597 min, 20 scans) F2603728.D
Counts
x10^3
Lib Match Score=82.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.1
126.1
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)

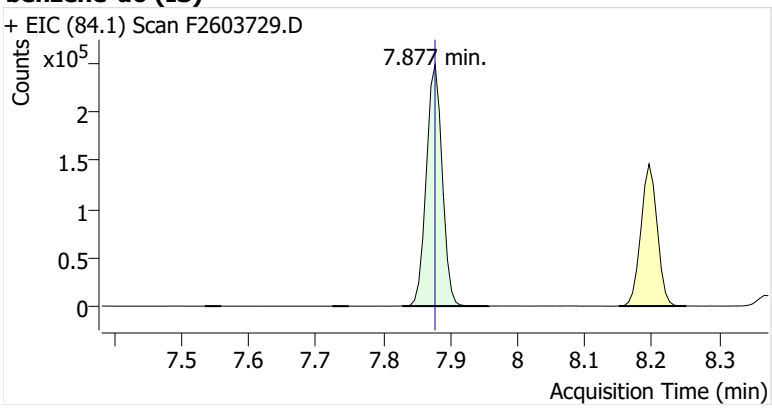
Name	PPSP-9-S-20260520
Comment	C35897
Data File	F2603729.D
Acq. Date-Time	6/6/2026 3:38:12 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

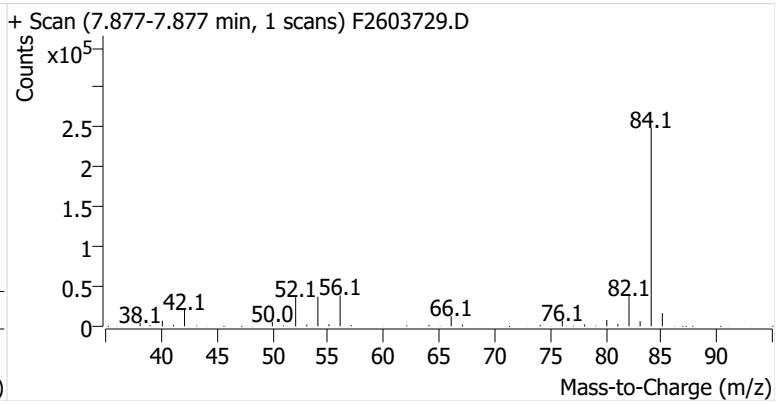
Sample Chromatogram



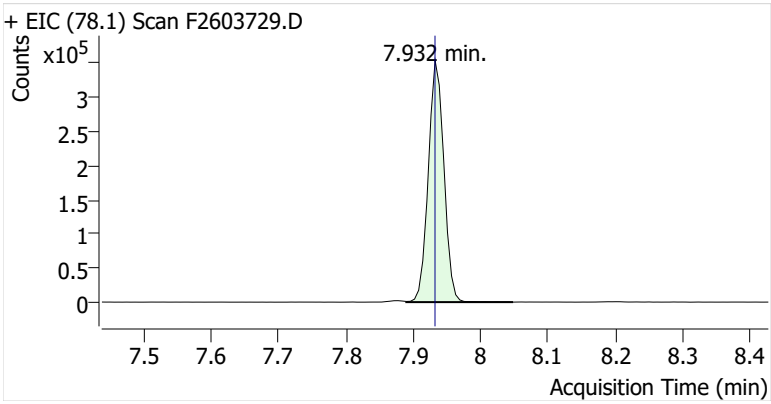
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	409,390	
Benzene	benzene-d6 (IS)	7.932	7.932	570,305	
Toluene-d8 (IS)		10.557	10.557	447,710	
Toluene	Toluene-d8 (IS)	10.655	10.655	955,811	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	93,505	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	305,116	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	86,695	

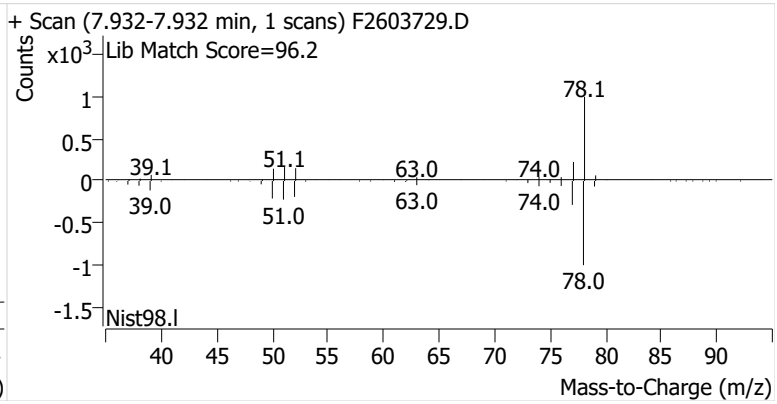
benzene-d6 (IS)



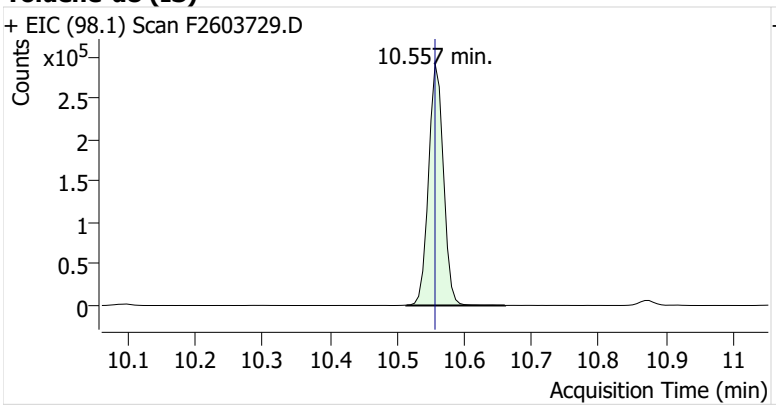


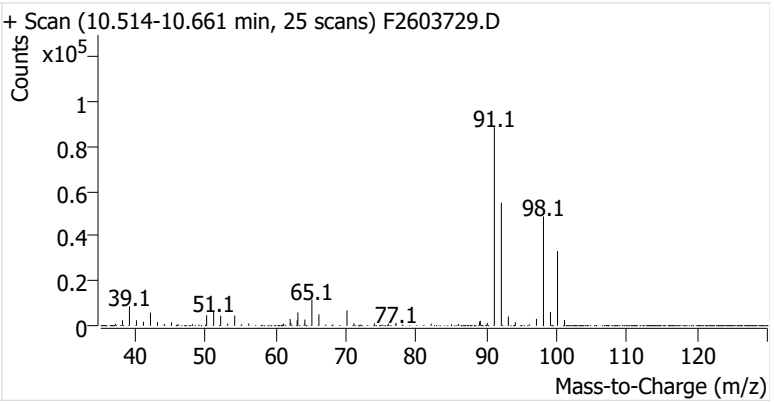
Benzene



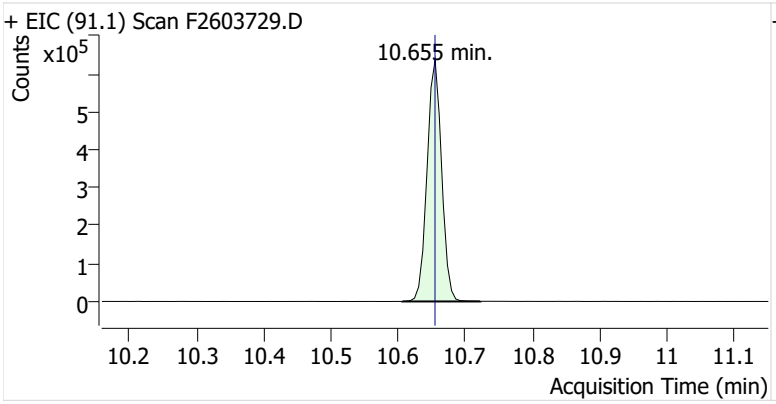


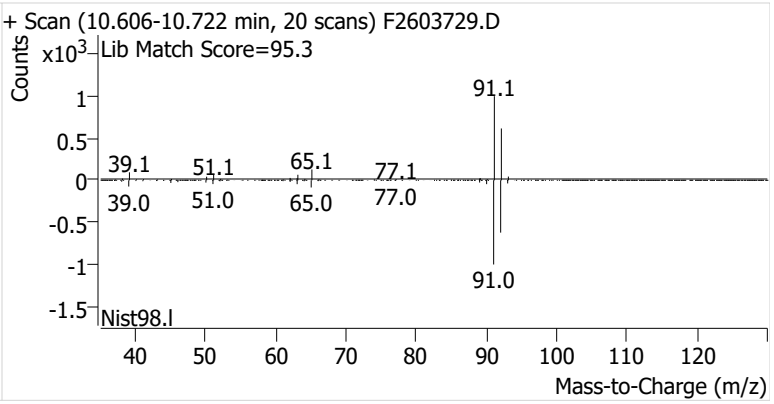
Toluene-d8 (IS)



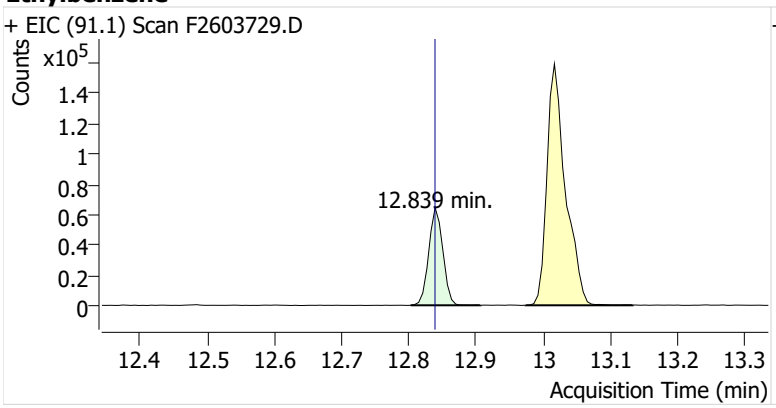


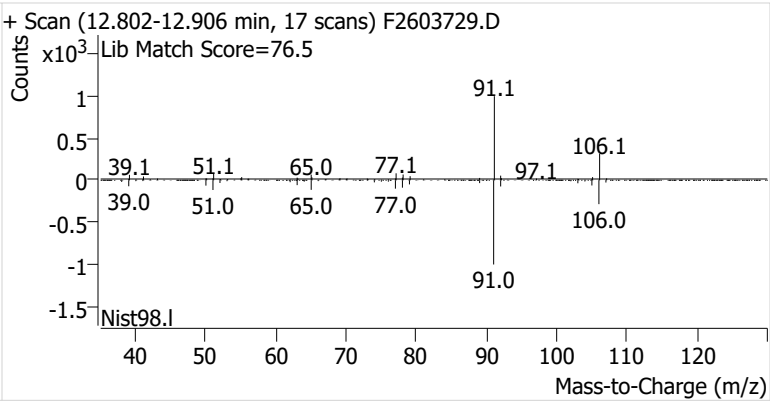
Toluene



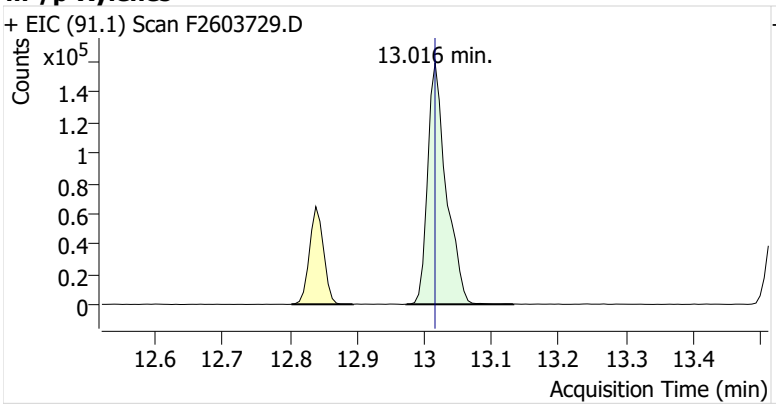


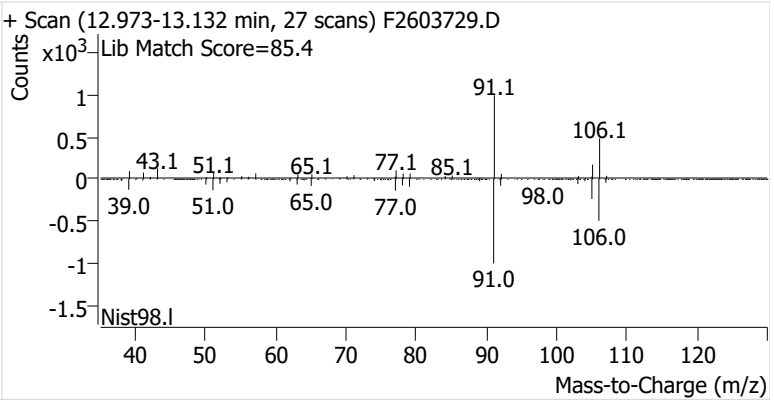
Ethylbenzene



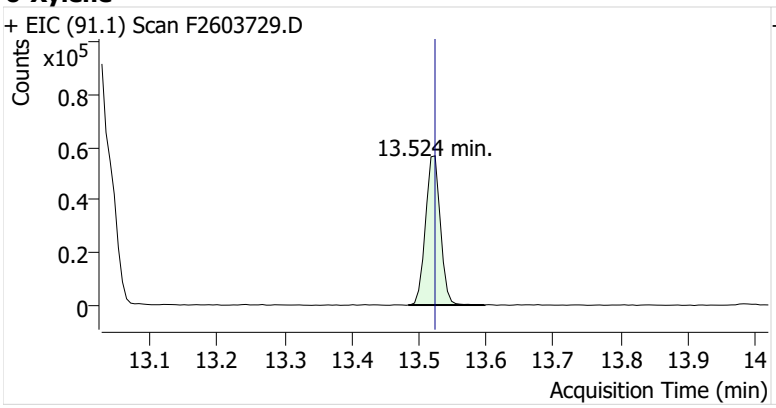


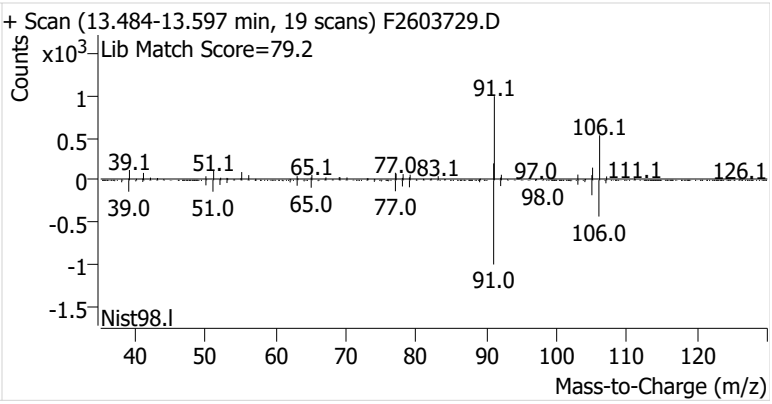
m-/p-Xylenes





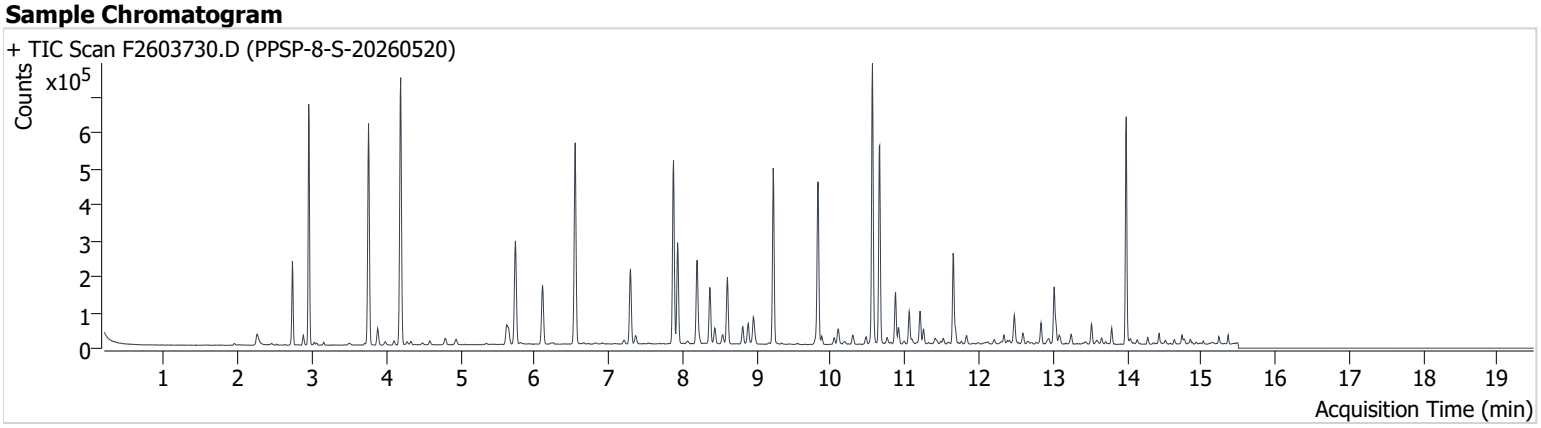
o-Xylene


+ EIC (91.1) Scan F2603729.D
Counts
x10^5
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 (13.484-13.597 min, 19 scans) F2603729.D
Counts
x10^3
Lib Match Score=79.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.0
83.1
97.0
111.1
126.1
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)

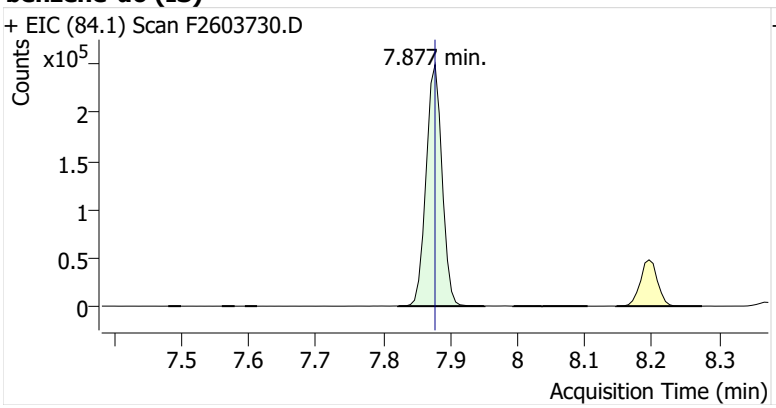
Name	PPSP-8-S-20260520
Comment	C57717
Data File	F2603730.D
Acq. Date-Time	6/6/2026 4:03:42 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

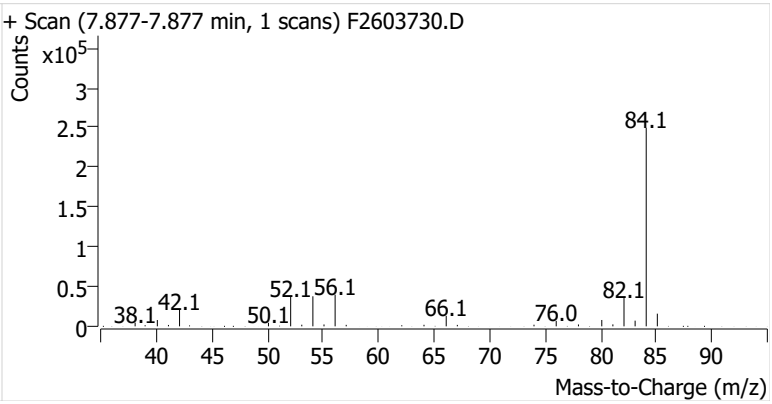
Sample Chromatogram



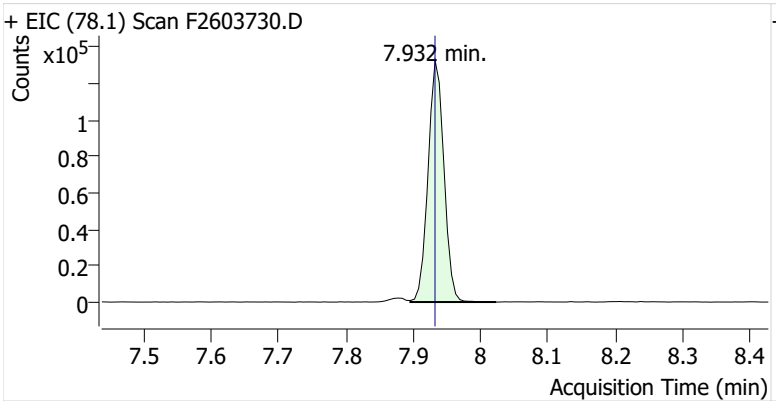
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	411,782	
Benzene	benzene-d6 (IS)	7.932	7.932	217,268	
Toluene-d8 (IS)		10.563	10.557	442,571	
Toluene	Toluene-d8 (IS)	10.661	10.655	355,112	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	35,096	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	107,107	
o-Xylene	Toluene-d8 (IS)	13.518	13.524	30,759	

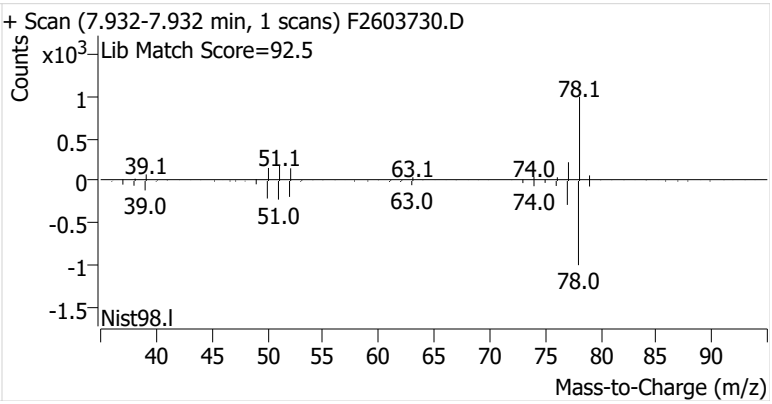
benzene-d6 (IS)



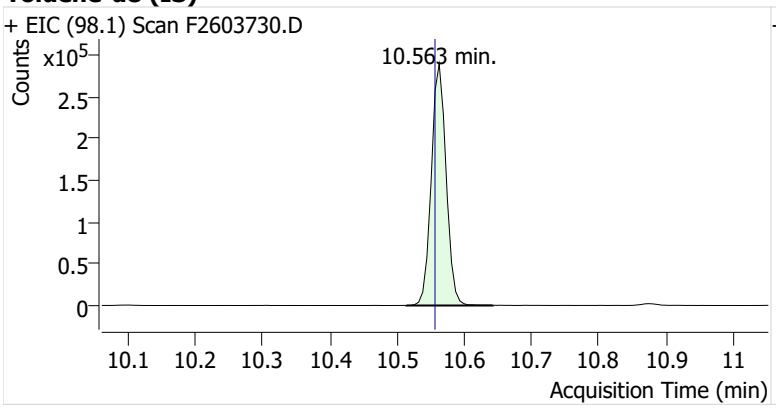


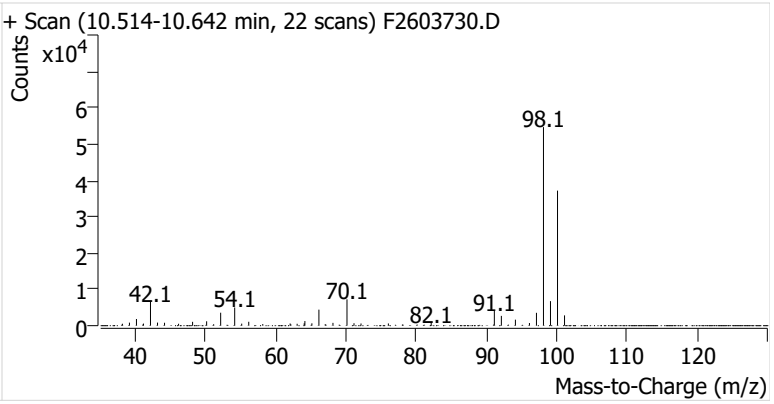
Benzene



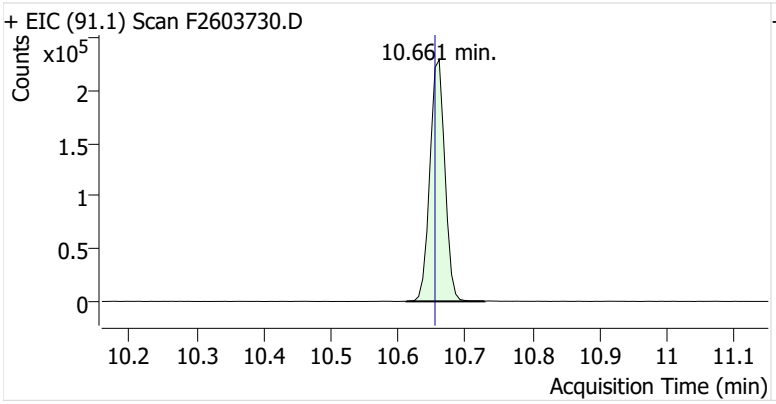


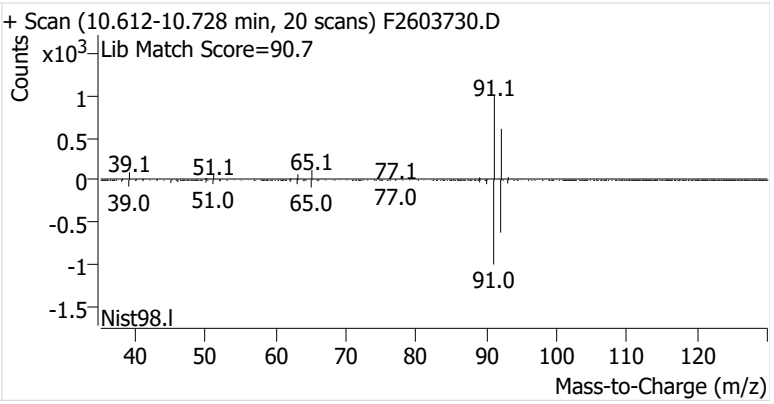
Toluene-d8 (IS)



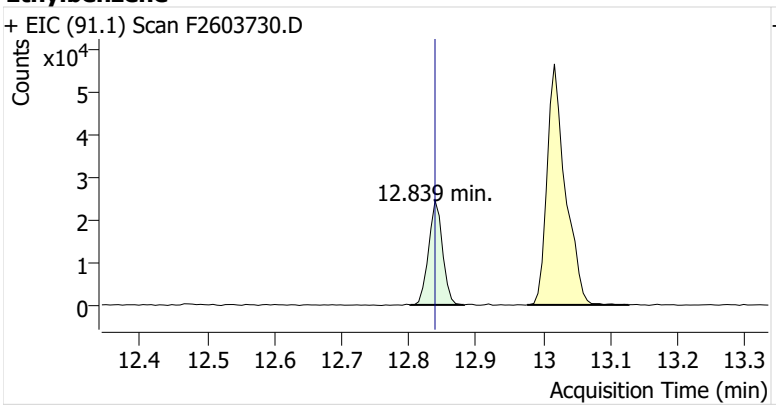


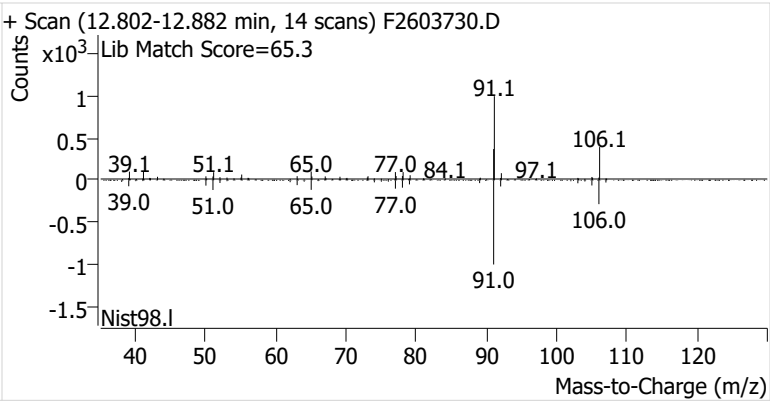
Toluene



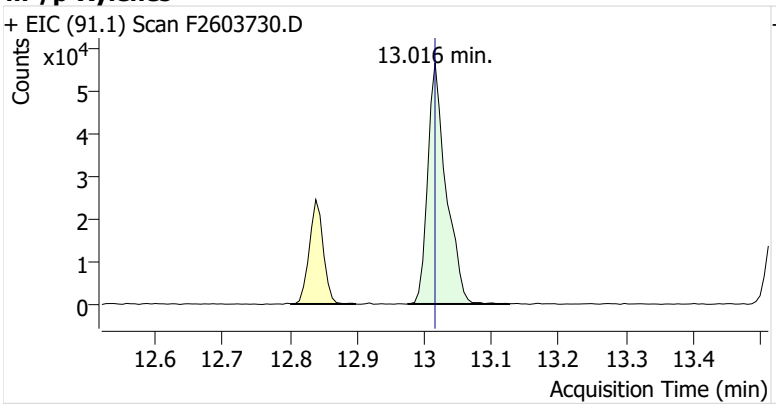


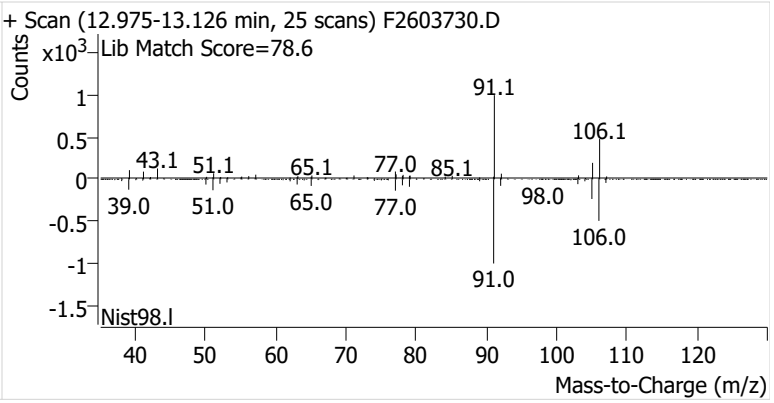
Ethylbenzene



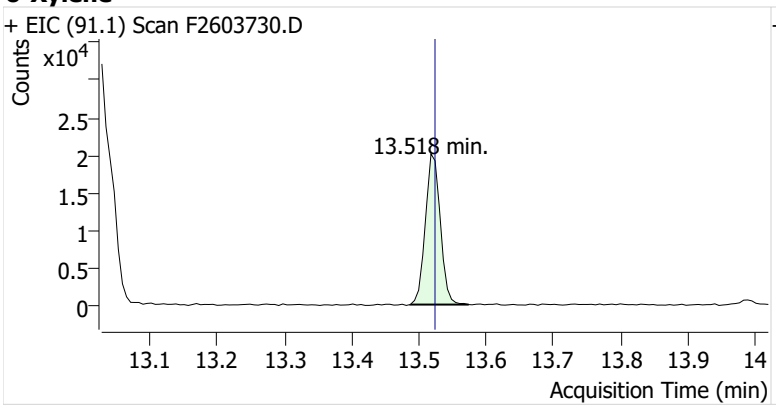


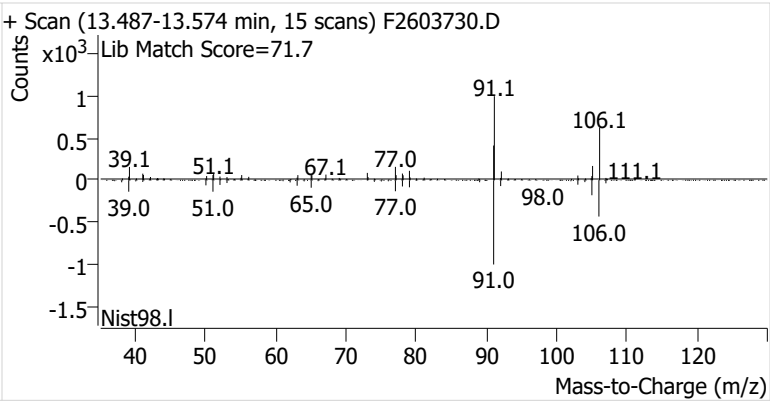
m-/p-Xylenes





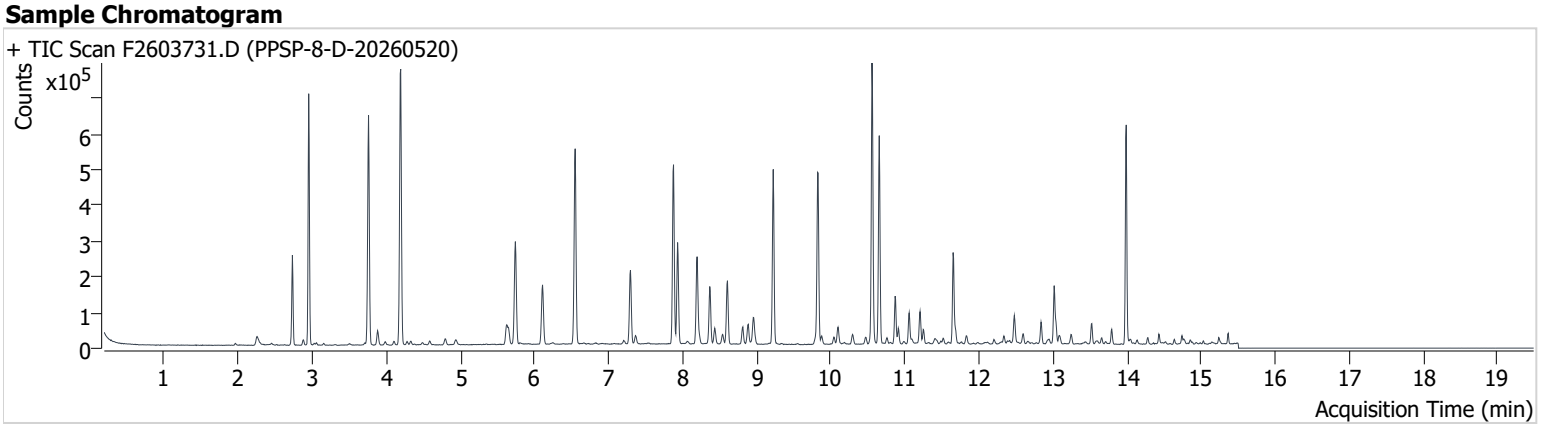
o-Xylene


+ EIC (91.1) Scan F2603730.D
Counts
x10^4
2.5
2
1.5
1
0.5
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 (13.487-13.574 min, 15 scans) F2603730.D
Lib Match Score=71.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.0
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)

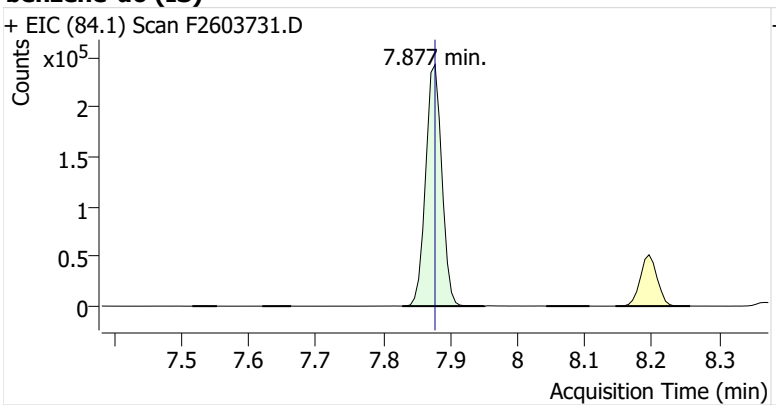
Name	PPSP-8-D-20260520
Comment	B50883
Data File	F2603731.D
Acq. Date-Time	6/6/2026 4:30:06 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

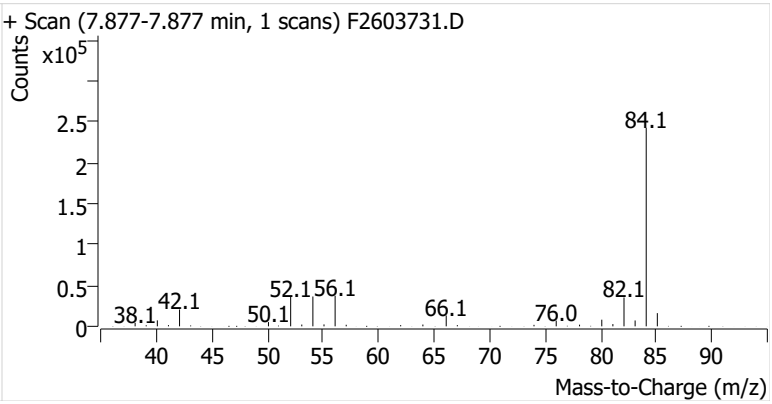
Sample Chromatogram



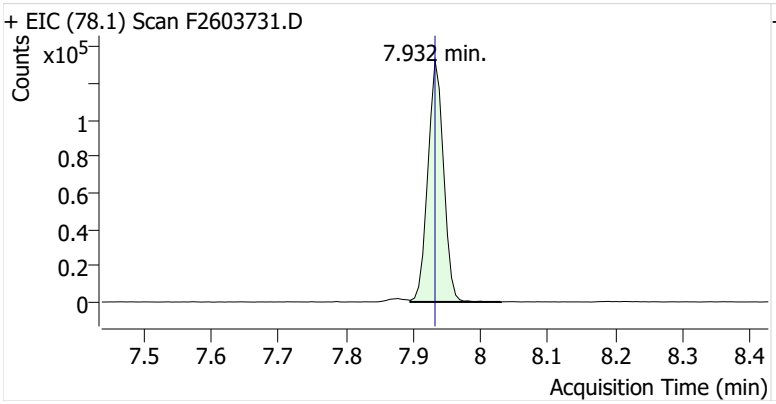
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	405,901	
Benzene	benzene-d6 (IS)	7.932	7.932	214,889	
Toluene-d8 (IS)		10.557	10.557	444,955	
Toluene	Toluene-d8 (IS)	10.655	10.655	354,266	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	36,626	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	106,063	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	31,733	

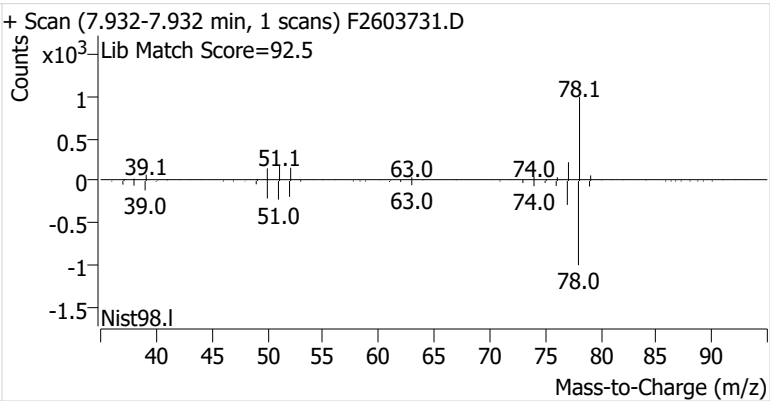
benzene-d6 (IS)



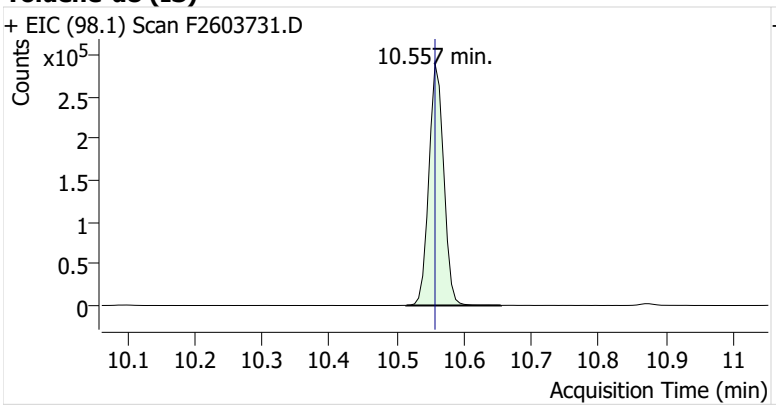


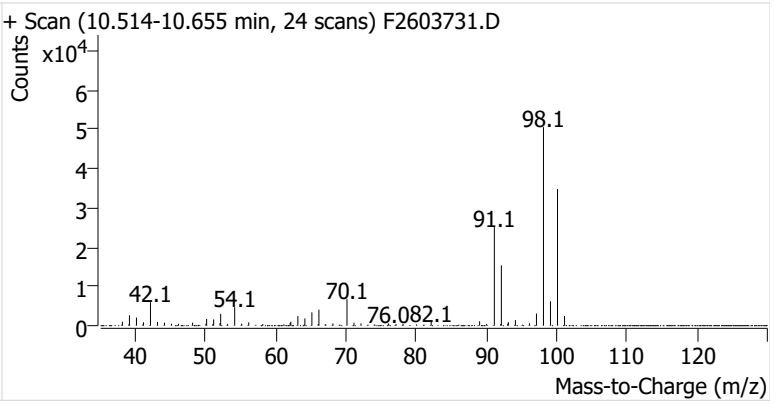
Benzene



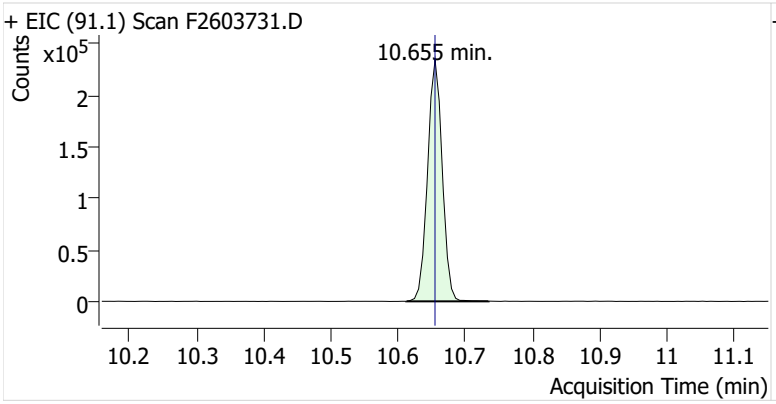


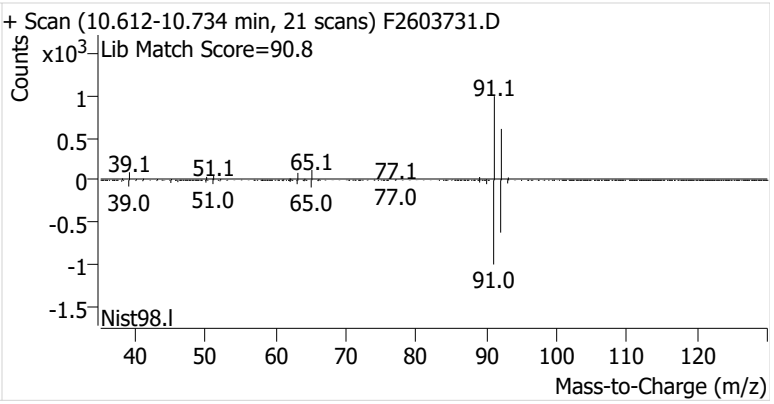
Toluene-d8 (IS)



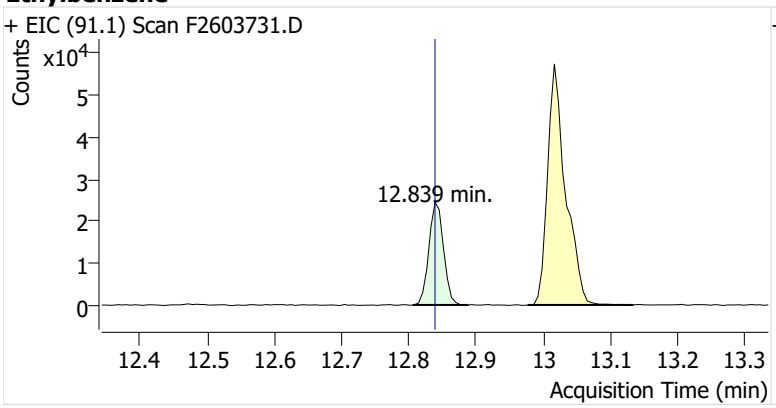


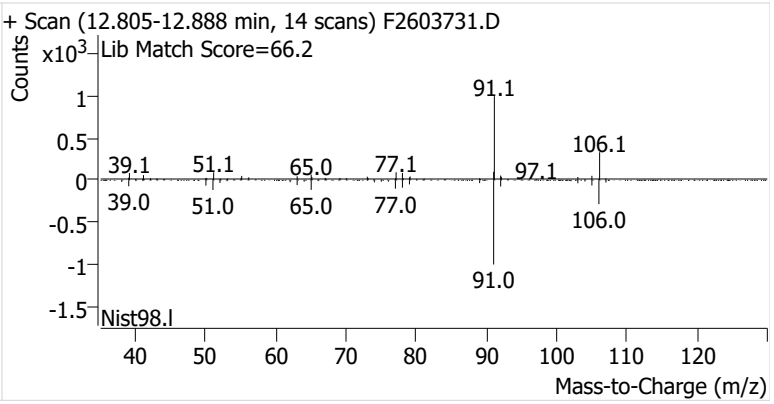
Toluene



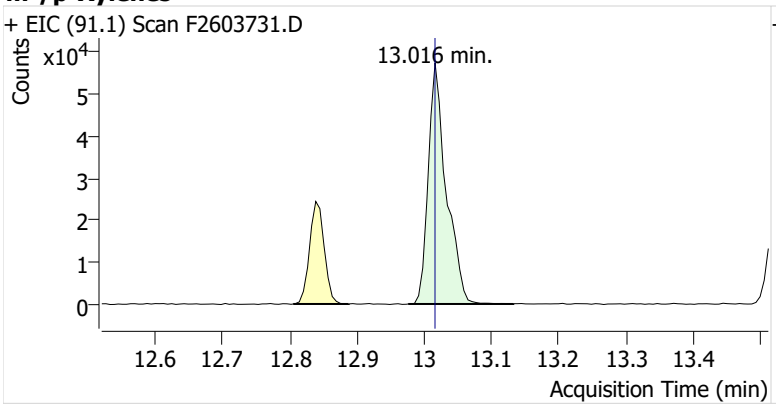


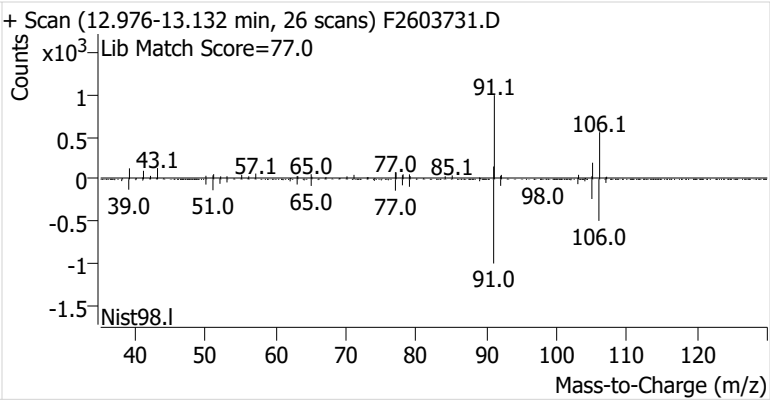
Ethylbenzene



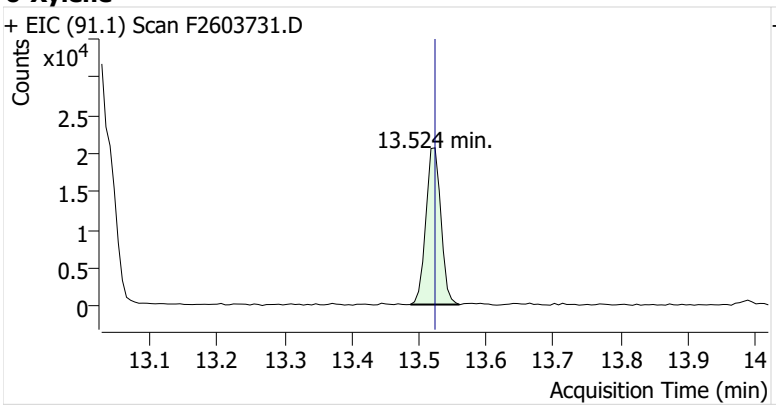


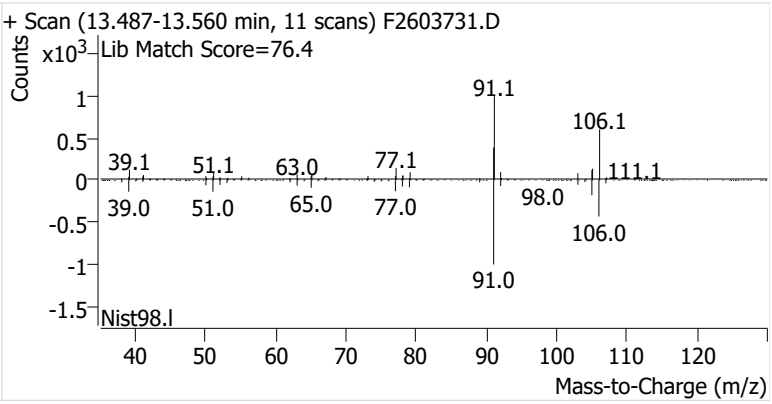
m-/p-Xylenes





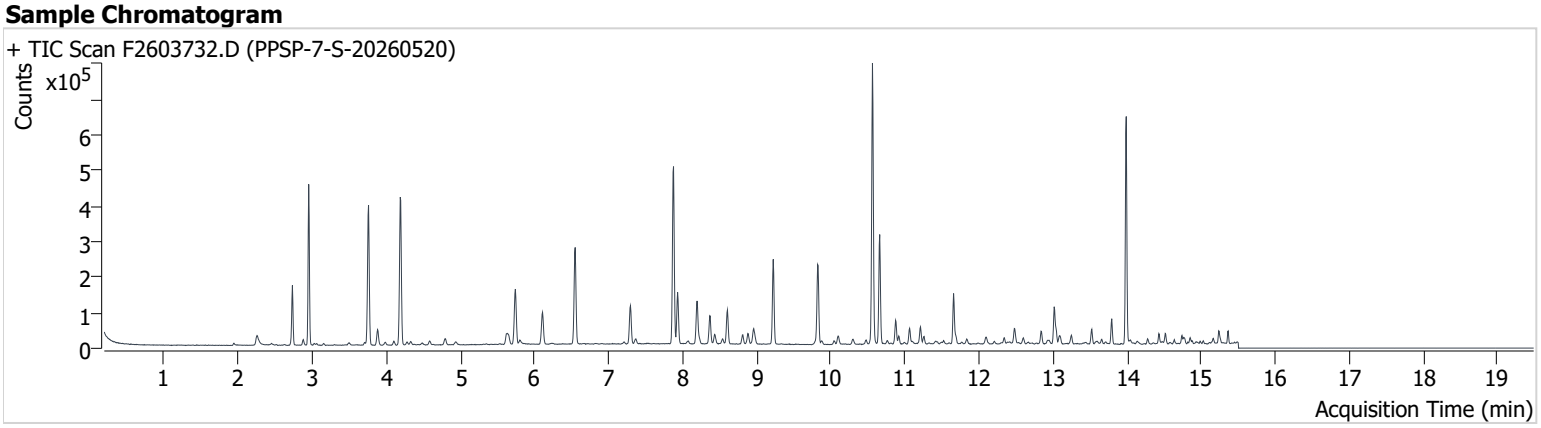
o-Xylene


+ EIC (91.1) Scan F2603731.D
Counts
x10^4
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 (13.487-13.560 min, 11 scans) F2603731.D
Counts
x10^3
Lib Match Score=76.4
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.0
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)

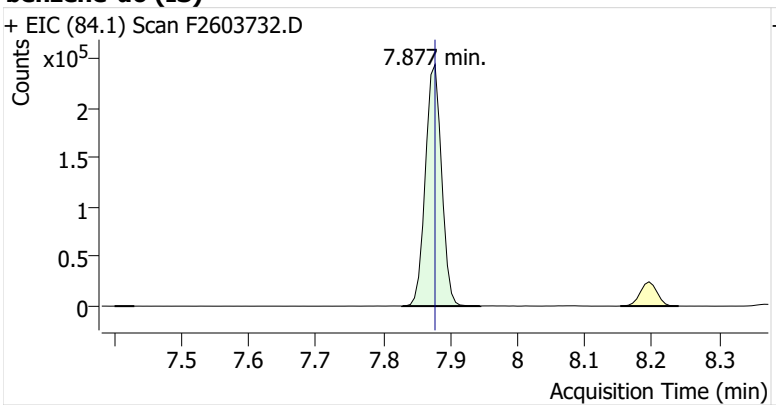
Name	PPSP-7-S-20260520
Comment	C57697
Data File	F2603732.D
Acq. Date-Time	6/6/2026 4:55:39 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

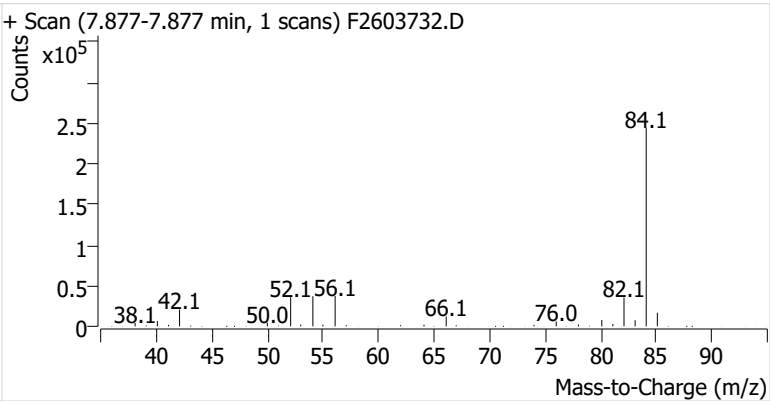
Sample Chromatogram



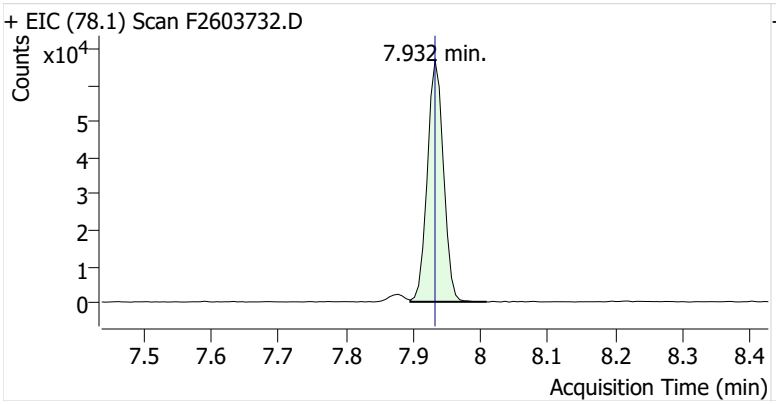
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.877	7.877	409,183	
Benzene	benzene-d6 (IS)	7.932	7.932	111,368	
Toluene-d8 (IS)		10.563	10.557	439,143	
Toluene	Toluene-d8 (IS)	10.661	10.655	187,642	
Ethylbenzene	Toluene-d8 (IS)	12.839	12.839	22,051	
m-/p-Xylenes	Toluene-d8 (IS)	13.016	13.016	70,045	
o-Xylene	Toluene-d8 (IS)	13.524	13.524	21,595	

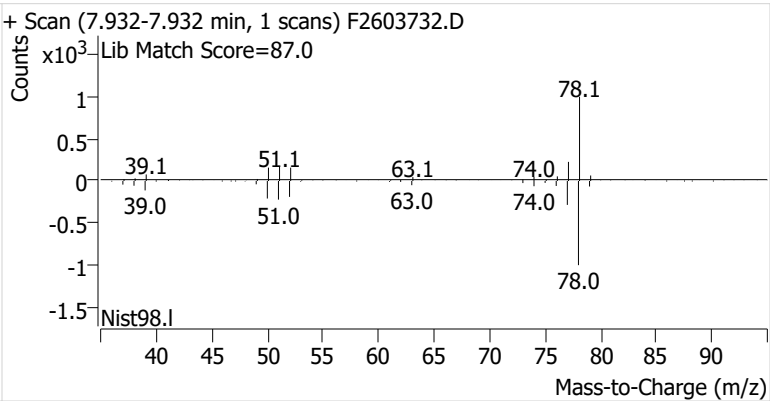
benzene-d6 (IS)



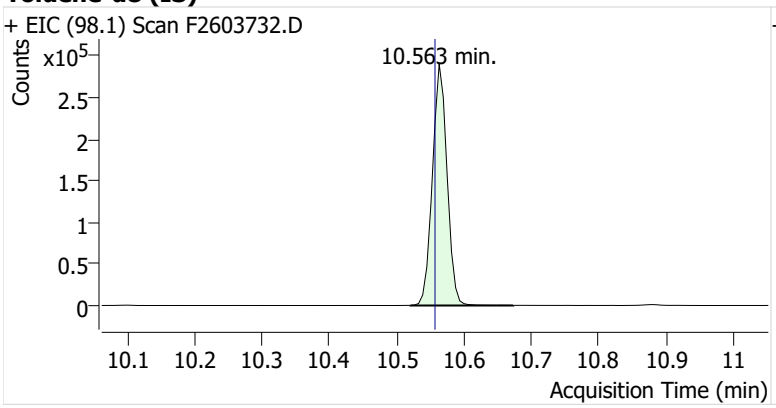


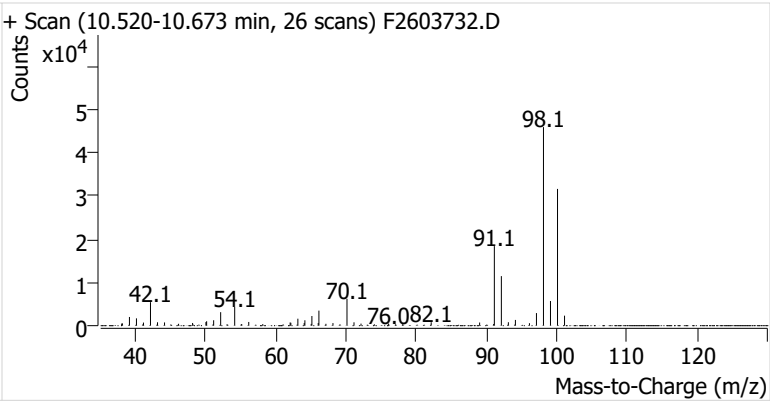
Benzene



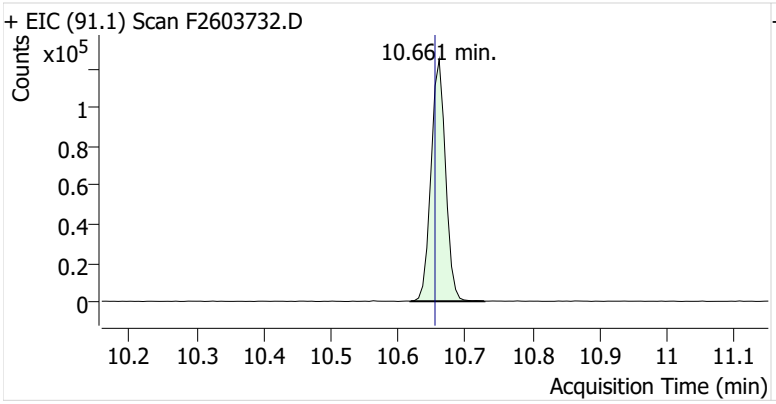


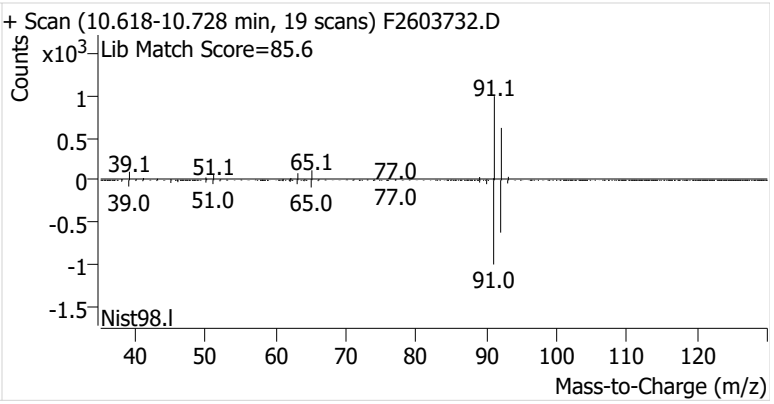
Toluene-d8 (IS)



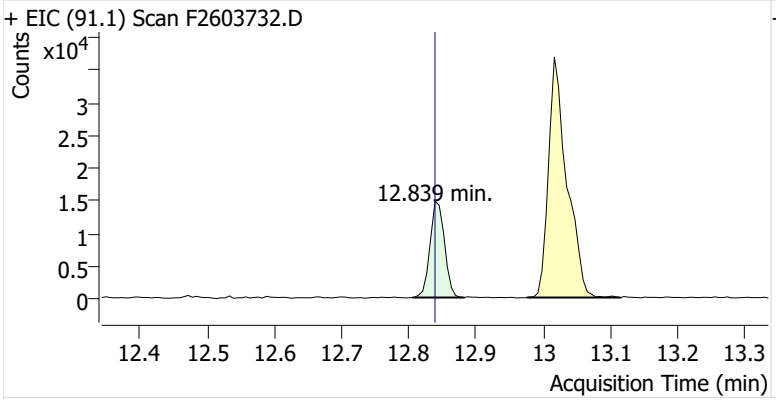


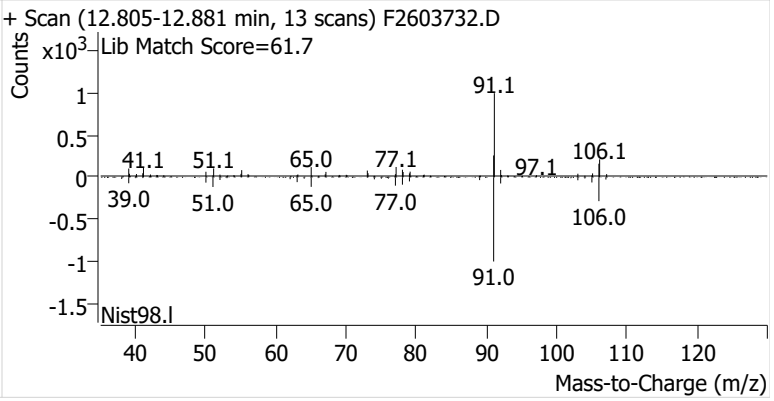
Toluene



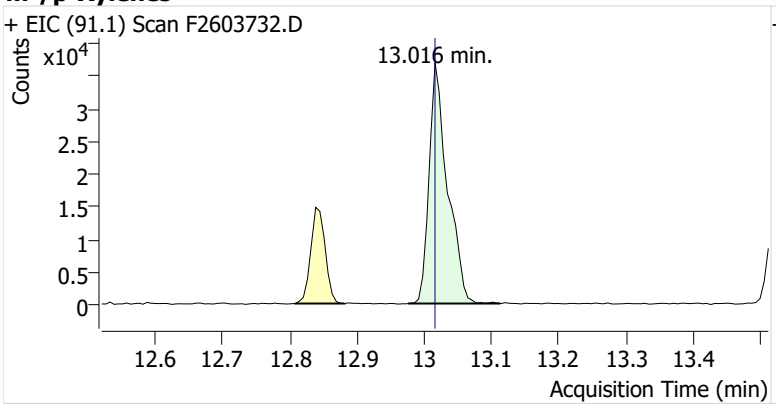


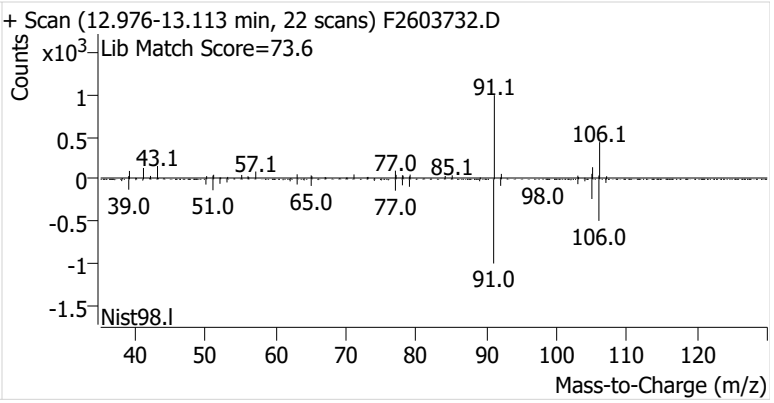
Ethylbenzene



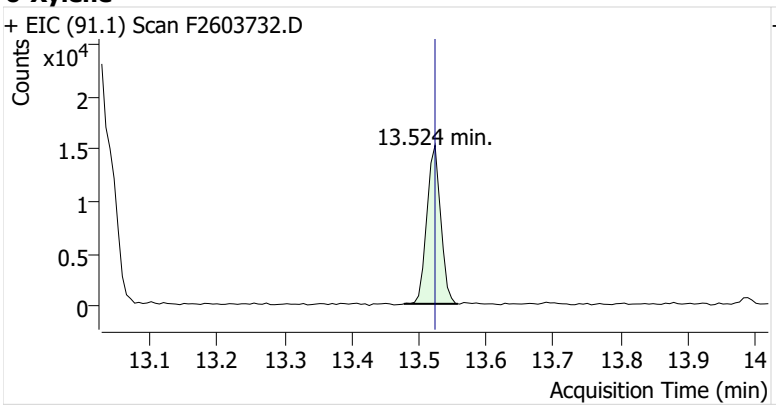


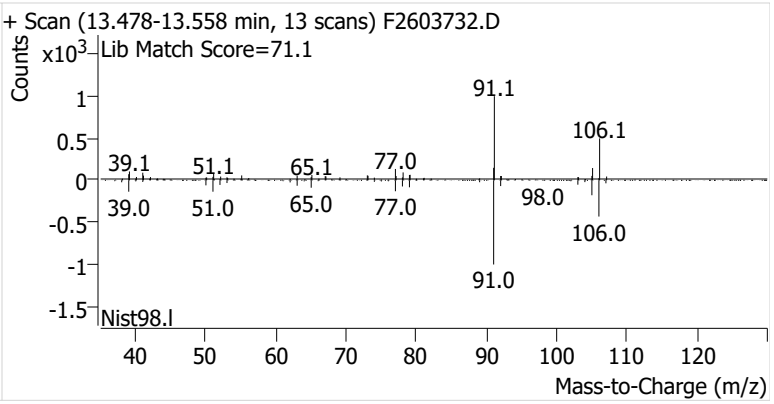
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan F2603732.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 (13.478-13.558 min, 13 scans) F2603732.D
Counts
x10^3
Lib Match Score=71.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
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)

Initial Calibration

Onterris/Enthalpy

Company: Power Engineers, Inc.
Job No.: 2026FW205-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2026FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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

2026FW205

Page # 1 of # 2

☑ Standard Turn Around Time
☐ Rush Turn Around Time
• All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project #:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent Type:**	
State:		**Email Address:**	tom.rolfson@wsp.com	**Quote #:**	
Zip:		**Telephone #:**			

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)
6	C69515	Sample	5/20/26	10:08 AM	6/3/26	10:03 AM	TGR/BLC		
5	C70548	Sample	5/20/26	10:14 AM	6/3/26	10:12 AM	TGR/BLC		
4	C34170	Sample	5/20/26	10:19 AM	6/3/26	10:17 AM	TGR/BLC		
3	C20594	Sample	5/20/26	10:25 AM	6/3/26	10:22 AM	TGR/BLC		
2	C57709	Sample	5/20/26	10:30 AM	6/3/26	10:28 AM	TGR/BLC		
1	C43385	Sample	5/20/26	10:34 AM	6/3/26	10:31 AM	TGR/BLC		
1	C55342	Location 1 Blank	5/20/26	10:34 AM	6/3/26	10:31 AM	TGR/BLC		
13	C71732	Sample	5/20/26	10:38 AM	6/3/26	10:37 AM	TGR/BLC		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Bridget Carrier	Bridget Carrier	6/3/2026	
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		6/4/26	10:15 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
Good	**BTEX**	Y	
Blank Temp: — / 16.9 / Fluke 4		**Custody Seal #:** 25E09177	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

Onterris™

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

Page # 2 of # 2

☑ Standard Turn Around Time
☐ Rush Turn Around Time
• All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project #:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent Type:**	
State:		**Email Address:**	tom.rolfson@wsp.com	**Quote #:**	
Zip:		**Telephone #:**			

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)
12	C43661	Sample	5/20/26	10:42 AM	6/3/26	10:48 AM	TGR/BLC		
11	C57722	Sample	5/20/26	10:47 AM	6/3/26	10:53 AM	TGR/BLC		
10	C69591	Sample	5/20/26	10:51 AM	6/3/26	10:59 AM	TGR/BLC		
9	C35897	Sample	5/20/26	10:54 AM	6/3/26	11:03 AM	TGR/BLC		
8	C57717	Sample	5/20/26	10:59 AM	6/3/26	11:09 AM	TGR/BLC		
8	B50883	Duplicate	5/20/26	10:59 AM	6/3/26	11:09 AM	TGR/BLC		
7	C57697	Sample	5/20/26	11:03 AM	6/3/26	11:15 AM	TGR/BLC		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Bridget Carrier	Bridget Carrier	6/3/2026	
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		6/4/26	10:15 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
Good	BTEX	Y	
Blank Temp: 16.9 Fluke 4		**Custody Seal #:** 25609177	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 6/18/2026

Analytical Report
2026FW206

EPA Method 325B Analysis

Report Issue Date: 6/26/2026

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:



Sarah Rhem, Project Manager
SarahRhem@onterris.com / www.onterris.com
O: (919) 850-4392
Onterris/Enthalpy
800 Capitola Drive Suite 1 Durham, NC 27713

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Onterris/Enthalpy Narrative Summary

Company	Power Engineers, Inc.
Job No.	2026FW206-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Onterris/Enthalpy on June 18, 2026 at 14.9 °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 Onterris/Enthalpy.

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
PPSP-6-S-20260603	B19735	Sample
PPSP-5-S-20260603	C71751	Sample
PPSP-4-S-20260603	B50900	Sample
PPSP-3-S-20260603	C71726	Sample
PPSP-2-S-20260603	B47780	Sample
PPSP-1-S-20260603	C00697	Sample
PPSP-1-B-20260603	C59927	Blank
PPSP-13-S-20260603	B46654	Sample
PPSP-12-S-20260603	B46314	Sample
PPSP-11-S-20260603	C71719	Sample
PPSP-10-S-20260603	B42300	Sample
PPSP-9-S-20260603	B14923	Sample
PPSP-8-S-20260603	C65292	Sample
PPSP-8-D-20260603	C43361	Duplicate
PPSP-7-S-20260603	C56798	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-TD35 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	Power Engineers, Inc.
Job No.	2026FW206-1
Client ID.	Site: Portland Pipeline - S Portland, ME

3. Calibration

The daily BFB check failed to meet method criteria for the relative response of m/z 173 and 175. The BFB tune associated with the initial calibration failed to meet method criteria for the relative response of m/z 173. Because m/z 173 and 175 are not near the tuning region of the quant ion for the target analyte and the continuing calibration checks met the 30% difference criteria, the deviation is not expected to have an effect on the data. All other BFB criteria have been met for this analysis.

The initial calibration (V061626A_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.

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: Power Engineers, Inc.
Job No.: 2026FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260603	B19735	0.695		1.83			ND	0.794			ND
PPSP-5-S-20260603	C71751	0.752		1.39			ND	0.721			ND
PPSP-4-S-20260603	B50900	0.883		2.05		0.278	J	0.942		0.303	J
PPSP-3-S-20260603	C71726	0.754		1.43			ND	0.680			ND
PPSP-2-S-20260603	B47780	1.20		1.93			ND	0.734			ND
PPSP-1-S-20260603	C00697	1.54		2.75		0.356	J	1.16		0.378	J
PPSP-1-B-20260603	C59927		ND		ND		ND		ND		ND
PPSP-13-S-20260603	B46654	0.863		1.90			ND	2.16			ND
PPSP-12-S-20260603	B46314	1.15		2.39		0.352	J	1.29		0.342	J
PPSP-11-S-20260603	C71719	4.55		9.29		1.04		5.18		1.49	
PPSP-10-S-20260603	B42300	6.75		12.8		1.59		7.02		2.06	
PPSP-9-S-20260603	B14923	3.04		5.62		0.751		2.85		0.837	
PPSP-8-S-20260603	C65292	1.23		2.63		0.371	J	1.46		0.425	J
PPSP-8-D-20260603	C43361	1.18		2.57		0.348	J	1.23		0.363	J
PPSP-7-S-20260603	C56798	0.691		1.63			ND	0.775			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: Power Engineers, Inc.
Job No.: 2026FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20260603	B19735	0.695	0.218	9.37	67.3	0.664	20299	0.186	0.442	0.0581	0.139		V2602884.D	2026-06-23 14:43	0.980	8.159	98275	979328	91.5	8.106	-2.5%
PPSP-5-S-20260603	C71751	0.752	0.235	10.1	67.3	0.664	20295	0.186	0.442	0.0581	0.139		V2602885.D	2026-06-23 15:20	0.980	8.159	109404	1008385	91.5	8.106	0.4%
PPSP-4-S-20260603	B50900	0.883	0.277	11.9	67.3	0.664	20295	0.186	0.442	0.0581	0.139		V2602886.D	2026-06-23 15:58	0.980	8.159	119140	934625	91.5	8.106	-6.9%
PPSP-3-S-20260603	C71726	0.754	0.236	10.2	67.3	0.664	20295	0.186	0.442	0.0581	0.139		V2602887.D	2026-06-23 16:35	0.980	8.165	106091	974624	91.5	8.106	-2.9%
PPSP-2-S-20260603	B47780	1.20	0.376	16.2	67.3	0.664	20294	0.186	0.442	0.0581	0.139		V2602888.D	2026-06-23 17:12	0.980	8.165	169751	980779	91.5	8.111	-2.3%
PPSP-1-S-20260603	C00697	1.54	0.484	20.8	67.3	0.664	20295	0.186	0.442	0.0581	0.139		V2602889.D	2026-06-23 17:49	0.980	8.159	214463	962129	91.5	8.106	-4.2%
PPSP-1-B-20260603	C59927				67.3	0.664	20295	0.186	0.442	0.0581	0.139	ND	V2602883.D	2026-06-23 14:06	0.980	8.153	11962	954428	91.5	8.106	-4.9%
PPSP-13-S-20260603	B46654	0.863	0.270	11.6	67.3	0.664	20294	0.186	0.442	0.0581	0.139		V2602890.D	2026-06-23 18:27	0.980	8.153	123949	995640	91.5	8.100	-0.8%
PPSP-12-S-20260603	B46314	1.15	0.360	15.5	67.3	0.664	20290	0.186	0.442	0.0581	0.139		V2602891.D	2026-06-23 19:04	0.980	8.159	163223	983972	91.5	8.100	-2.0%
PPSP-11-S-20260603	C71719	4.55	1.43	61.3	67.3	0.664	20289	0.186	0.442	0.0581	0.139		V2602892.D	2026-06-23 19:41	0.980	8.159	637111	970320	91.5	8.100	-3.4%
PPSP-10-S-20260603	B42300	6.75	2.11	90.9	67.3	0.664	20288	0.186	0.442	0.0581	0.139		V2602894.D	2026-06-23 21:24	0.980	8.147	945934	971522	91.5	8.094	-3.2%
PPSP-9-S-20260603	B14923	3.04	0.951	40.9	67.3	0.664	20288	0.186	0.442	0.0581	0.139		V2602895.D	2026-06-23 22:01	0.980	8.147	411399	939204	91.5	8.094	-6.5%
PPSP-8-S-20260603	C65292	1.23	0.384	16.5	67.3	0.664	20289	0.186	0.442	0.0581	0.139		V2602896.D	2026-06-23 22:39	0.980	8.153	168951	954359	91.5	8.088	-4.9%
PPSP-8-D-20260603	C43361	1.18	0.371	16.0	67.3	0.664	20289	0.186	0.442	0.0581	0.139		V2602897.D	2026-06-23 23:16	0.980	8.153	167264	978954	91.5	8.094	-2.5%
PPSP-7-S-20260603	C56798	0.691	0.216	9.30	67.3	0.664	20287	0.186	0.443	0.0581	0.139		V2602898.D	2026-06-23 23:53	0.980	8.153	98807	991618	91.5	8.094	-1.2%

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
PPSP-6-S-20260603	B19735	1.83	0.486	19.1	67.3	0.515	20299	0.239	0.500	0.0635	0.133		V2602884.D	2026-06-23 14:43	1.144	10.824	196775	971462	108.1	10.735	-3.8%
PPSP-5-S-20260603	C71751	1.39	0.368	14.5	67.3	0.515	20295	0.239	0.501	0.0635	0.133		V2602885.D	2026-06-23 15:20	1.144	10.830	153590	999947	108.1	10.735	-1.0%
PPSP-4-S-20260603	B50900	2.05	0.544	21.4	67.3	0.515	20295	0.239	0.501	0.0635	0.133		V2602886.D	2026-06-23 15:58	1.144	10.830	219203	966932	108.1	10.735	-4.3%
PPSP-3-S-20260603	C71726	1.43	0.380	15.0	67.3	0.515	20295	0.239	0.501	0.0635	0.133		V2602887.D	2026-06-23 16:35	1.144	10.830	153369	967472	108.1	10.741	-4.2%
PPSP-2-S-20260603	B47780	1.93	0.512	20.2	67.3	0.515	20294	0.239	0.501	0.0635	0.133		V2602888.D	2026-06-23 17:12	1.144	10.830	201347	943338	108.1	10.735	-6.6%
PPSP-1-S-20260603	C00697	2.75	0.730	28.7	67.3	0.515	20295	0.239	0.501	0.0635	0.133		V2602889.D	2026-06-23 17:49	1.144	10.824	292862	962461	108.1	10.729	-4.7%
PPSP-1-B-20260603	C59927				67.3	0.515	20295	0.239	0.501	0.0635	0.133	ND	V2602883.D	2026-06-23 14:06	1.144	10.824	18134	976604	108.1	10.735	-3.3%
PPSP-13-S-20260603	B46654	1.90	0.503	19.8	67.3	0.515	20294	0.239	0.501	0.0635	0.133		V2602890.D	2026-06-23 18:27	1.144	10.824	199582	951145	108.1	10.729	-5.9%
PPSP-12-S-20260603	B46314	2.39	0.633	24.9	67.3	0.515	20290	0.239	0.501	0.0635	0.133		V2602891.D	2026-06-23 19:04	1.144	10.824	249030	943461	108.1	10.735	-6.6%
PPSP-11-S-20260603	C71719	9.29	2.47	97.1	67.3	0.515	20289	0.239	0.501	0.0635	0.133		V2602892.D	2026-06-23 19:41	1.144	10.818	1019891	992304	108.1	10.723	-1.8%
PPSP-10-S-20260603	B42300	12.8	3.41	134	67.3	0.515	20288	0.239	0.501	0.0635	0.133		V2602894.D	2026-06-23 21:24	1.144	10.818	1416638	996449	108.1	10.717	-1.4%
PPSP-9-S-20260603	B14923	5.62	1.49	58.8	67.3	0.515	20288	0.239	0.501	0.0635	0.133		V2602895.D	2026-06-23 22:01	1.144	10.818	583041	937211	108.1	10.723	-7.2%
PPSP-8-S-20260603	C65292	2.63	0.698	27.5	67.3	0.515	20289	0.239	0.501	0.0635	0.133		V2602896.D	2026-06-23 22:39	1.144	10.818	278877	958689	108.1	10.723	-5.1%
PPSP-8-D-20260603	C43361	2.57	0.682	26.9	67.3	0.515	20289	0.239	0.501	0.0635	0.133		V2602897.D	2026-06-23 23:16	1.144	10.818	271158	953839	108.1	10.723	-5.6%
PPSP-7-S-20260603	C56798	1.63	0.434	17.1	67.3	0.515	20287	0.239	0.501	0.0635	0.133		V2602898.D	2026-06-23 23:53	1.144	10.818	174820	967189	108.1	10.723	-4.3%

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
PPSP-6-S-20260603	B19735				67.3	0.456	20299	0.270	0.588	0.0623	0.135	ND	V2602884.D	2026-06-23 14:43	1.206	12.979	25715	971462	108.1	10.735	-3.8%
PPSP-5-S-20260603	C71751				67.3	0.456	20295	0.270	0.588	0.0623	0.136	ND	V2602885.D	2026-06-23 15:20	1.206	12.979	20535	999947	108.1	10.735	-1.0%
PPSP-4-S-20260603	B50900	0.278	0.0641	2.57	67.3	0.456	20295	0.270	0.588	0.0623	0.136	J	V2602886.D	2026-06-23 15:58	1.206	12.979	27793	966932	108.1	10.735	-4.3%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20260603	C71726				67.3	0.456	20295	0.270	0.588	0.0623	0.136	ND	V2602887.D	2026-06-23 16:35	1.206	12.984	15941	967472	108.1	10.741	-4.2%
PPSP-2-S-20260603	B47780				67.3	0.456	20294	0.270	0.588	0.0623	0.136	ND	V2602888.D	2026-06-23 17:12	1.206	12.978	22339	943338	108.1	10.735	-6.6%
PPSP-1-S-20260603	C00697	0.356	0.0821	3.30	67.3	0.456	20295	0.270	0.588	0.0623	0.136	J	V2602889.D	2026-06-23 17:49	1.206	12.979	35419	962461	108.1	10.729	-4.7%
PPSP-1-B-20260603	C59927				67.3	0.456	20295	0.270	0.588	0.0623	0.136	ND	V2602883.D	2026-06-23 14:06	1.206	12.979	2590	976604	108.1	10.735	-3.3%
PPSP-13-S-20260603	B46654				67.3	0.456	20294	0.270	0.588	0.0623	0.136	ND	V2602890.D	2026-06-23 18:27	1.206	12.979	23351	951145	108.1	10.729	-5.9%
PPSP-12-S-20260603	B46314	0.352	0.0811	3.26	67.3	0.456	20290	0.270	0.588	0.0623	0.136	J	V2602891.D	2026-06-23 19:04	1.206	12.979	34282	943461	108.1	10.735	-6.6%
PPSP-11-S-20260603	C71719	1.04	0.239	9.60	67.3	0.456	20289	0.270	0.588	0.0623	0.136		V2602892.D	2026-06-23 19:41	1.206	12.973	106340	992304	108.1	10.723	-1.8%
PPSP-10-S-20260603	B42300	1.59	0.366	14.7	67.3	0.456	20288	0.270	0.588	0.0623	0.136		V2602894.D	2026-06-23 21:24	1.206	12.967	163516	996449	108.1	10.717	-1.4%
PPSP-9-S-20260603	B14923	0.751	0.173	6.94	67.3	0.456	20288	0.270	0.588	0.0623	0.136		V2602895.D	2026-06-23 22:01	1.206	12.967	72647	937211	108.1	10.723	-7.2%
PPSP-8-S-20260603	C65292	0.371	0.0855	3.43	67.3	0.456	20289	0.270	0.588	0.0623	0.136	J	V2602896.D	2026-06-23 22:39	1.206	12.973	36704	958689	108.1	10.723	-5.1%
PPSP-8-D-20260603	C43361	0.348	0.0801	3.22	67.3	0.456	20289	0.270	0.588	0.0623	0.136	J	V2602897.D	2026-06-23 23:16	1.206	12.967	34248	953839	108.1	10.723	-5.6%
PPSP-7-S-20260603	C56798				67.3	0.456	20287	0.270	0.588	0.0623	0.136	ND	V2602898.D	2026-06-23 23:53	1.206	12.967	25293	967189	108.1	10.723	-4.3%

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
PPSP-6-S-20260603	B19735	0.794	0.183	7.34	67.3	0.456	20299	0.270	0.659	0.0623	0.152		V2602884.D	2026-06-23 14:43	0.927	13.163	61232	971462	108.1	10.735	-3.8%
PPSP-5-S-20260603	C71751	0.721	0.166	6.67	67.3	0.456	20295	0.270	0.659	0.0623	0.152		V2602885.D	2026-06-23 15:20	0.927	13.163	57224	999947	108.1	10.735	-1.0%
PPSP-4-S-20260603	B50900	0.942	0.217	8.72	67.3	0.456	20295	0.270	0.659	0.0623	0.152		V2602886.D	2026-06-23 15:58	0.927	13.157	72352	966932	108.1	10.735	-4.3%
PPSP-3-S-20260603	C71726	0.680	0.157	6.29	67.3	0.456	20295	0.270	0.659	0.0623	0.152		V2602887.D	2026-06-23 16:35	0.927	13.151	52233	967472	108.1	10.741	-4.2%
PPSP-2-S-20260603	B47780	0.734	0.169	6.79	67.3	0.456	20294	0.270	0.659	0.0623	0.152		V2602888.D	2026-06-23 17:12	0.927	13.150	54960	943338	108.1	10.735	-6.6%
PPSP-1-S-20260603	C00697	1.16	0.266	10.7	67.3	0.456	20295	0.270	0.659	0.0623	0.152		V2602889.D	2026-06-23 17:49	0.927	13.157	88340	962461	108.1	10.729	-4.7%
PPSP-1-B-20260603	C59927				67.3	0.456	20295	0.270	0.659	0.0623	0.152	ND	V2602883.D	2026-06-23 14:06	0.927	13.151	923	976604	108.1	10.735	-3.3%
PPSP-13-S-20260603	B46654	2.16	0.497	20.0	67.3	0.456	20294	0.270	0.659	0.0623	0.152		V2602890.D	2026-06-23 18:27	0.927	13.157	162958	951145	108.1	10.729	-5.9%
PPSP-12-S-20260603	B46314	1.29	0.298	12.0	67.3	0.456	20290	0.270	0.659	0.0623	0.152		V2602891.D	2026-06-23 19:04	0.927	13.145	96796	943461	108.1	10.735	-6.6%
PPSP-11-S-20260603	C71719	5.18	1.19	47.9	67.3	0.456	20289	0.270	0.659	0.0623	0.152		V2602892.D	2026-06-23 19:41	0.927	13.145	407666	992304	108.1	10.723	-1.8%
PPSP-10-S-20260603	B42300	7.02	1.62	64.9	67.3	0.456	20288	0.270	0.659	0.0623	0.152		V2602894.D	2026-06-23 21:24	0.927	13.145	554938	996449	108.1	10.717	-1.4%
PPSP-9-S-20260603	B14923	2.85	0.656	26.3	67.3	0.456	20288	0.270	0.659	0.0623	0.152		V2602895.D	2026-06-23 22:01	0.927	13.145	211859	937211	108.1	10.723	-7.2%
PPSP-8-S-20260603	C65292	1.46	0.337	13.5	67.3	0.456	20289	0.270	0.659	0.0623	0.152		V2602896.D	2026-06-23 22:39	0.927	13.145	111168	958689	108.1	10.723	-5.1%
PPSP-8-D-20260603	C43361	1.23	0.285	11.4	67.3	0.456	20289	0.270	0.659	0.0623	0.152		V2602897.D	2026-06-23 23:16	0.927	13.145	93481	953839	108.1	10.723	-5.6%
PPSP-7-S-20260603	C56798	0.775	0.179	7.17	67.3	0.456	20287	0.270	0.659	0.0623	0.152		V2602898.D	2026-06-23 23:53	0.927	13.145	59518	967189	108.1	10.723	-4.3%

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
PPSP-6-S-20260603	B19735				67.3	0.456	20299	0.270	0.613	0.0623	0.141	ND	V2602884.D	2026-06-23 14:43	0.997	13.655	19012	971462	108.1	10.735	-3.8%
PPSP-5-S-20260603	C71751				67.3	0.456	20295	0.270	0.613	0.0623	0.141	ND	V2602885.D	2026-06-23 15:20	0.997	13.649	19908	999947	108.1	10.735	-1.0%
PPSP-4-S-20260603	B50900	0.303	0.0697	2.80	67.3	0.456	20295	0.270	0.613	0.0623	0.141	J	V2602886.D	2026-06-23 15:58	0.997	13.649	24966	966932	108.1	10.735	-4.3%
PPSP-3-S-20260603	C71726				67.3	0.456	20295	0.270	0.613	0.0623	0.141	ND	V2602887.D	2026-06-23 16:35	0.997	13.649	17864	967472	108.1	10.741	-4.2%
PPSP-2-S-20260603	B47780				67.3	0.456	20294	0.270	0.613	0.0623	0.141	ND	V2602888.D	2026-06-23 17:12	0.997	13.649	13303	943338	108.1	10.735	-6.6%
PPSP-1-S-20260603	C00697	0.378	0.0870	3.49	67.3	0.456	20295	0.270	0.613	0.0623	0.141	J	V2602889.D	2026-06-23 17:49	0.997	13.649	31005	962461	108.1	10.729	-4.7%

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20260603	C59927				67.3	0.456	20295	0.270	0.613	0.0623	0.141	ND	V2602883.D	2026-06-23 14:06	0.997	13.655	1737	976604	108.1	10.735	-3.3%
PPSP-13-S-20260603	B46654				67.3	0.456	20294	0.270	0.613	0.0623	0.141	ND	V2602890.D	2026-06-23 18:27	0.997	13.643	21730	951145	108.1	10.729	-5.9%
PPSP-12-S-20260603	B46314	0.342	0.0789	3.17	67.3	0.456	20290	0.270	0.613	0.0623	0.141	J	V2602891.D	2026-06-23 19:04	0.997	13.649	27560	943461	108.1	10.735	-6.6%
PPSP-11-S-20260603	C71719	1.49	0.344	13.8	67.3	0.456	20289	0.270	0.613	0.0623	0.141		V2602892.D	2026-06-23 19:41	0.997	13.649	126350	992304	108.1	10.723	-1.8%
PPSP-10-S-20260603	B42300	2.06	0.475	19.0	67.3	0.456	20288	0.270	0.613	0.0623	0.141		V2602894.D	2026-06-23 21:24	0.997	13.643	175012	996449	108.1	10.717	-1.4%
PPSP-9-S-20260603	B14923	0.837	0.193	7.74	67.3	0.456	20288	0.270	0.613	0.0623	0.141		V2602895.D	2026-06-23 22:01	0.997	13.637	66874	937211	108.1	10.723	-7.2%
PPSP-8-S-20260603	C65292	0.425	0.0980	3.93	67.3	0.456	20289	0.270	0.613	0.0623	0.141	J	V2602896.D	2026-06-23 22:39	0.997	13.643	34776	958689	108.1	10.723	-5.1%
PPSP-8-D-20260603	C43361	0.363	0.0836	3.36	67.3	0.456	20289	0.270	0.613	0.0623	0.141	J	V2602897.D	2026-06-23 23:16	0.997	13.643	29517	953839	108.1	10.723	-5.6%
PPSP-7-S-20260603	C56798				67.3	0.456	20287	0.270	0.613	0.0623	0.141	ND	V2602898.D	2026-06-23 23:53	0.997	13.643	20252	967189	108.1	10.723	-4.3%

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: Power Engineers, Inc.

Job No.: 2026FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20260603	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20260603	3.5%	Pass	2.3%	Pass	6.4%	Pass	17%	Pass	16%	Pass

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	V2602881.D	C35775	Cal	0.980	0.908	0.980	7.9%	1.2%		Pass	
2026FW206 Method Blank-1	V2602882.D	C34220	Blank		0.908	0.980			16%	Pass	ND
M325B CCV 5	V2602893.D	C39219	Check	0.961	0.908	0.980	5.7%		-3.6%	Pass	
M325B CCV 5	V2602899.D	C33470	Check	0.964	0.908	0.980	6.2%		-5.6%	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	V2602881.D	C35775	Cal	1.144	1.072	1.144	6.7%	1.6%		Pass	
2026FW206 Method Blank-1	V2602882.D	C34220	Blank		1.072	1.144			12%	Pass	ND
M325B CCV 5	V2602893.D	C39219	Check	1.200	1.072	1.144	12%		-5.2%	Pass	
M325B CCV 5	V2602899.D	C33470	Check	1.202	1.072	1.144	12%		-4.6%	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	V2602881.D	C35775	Cal	1.206	1.090	1.206	11%	1.6%		Pass	
2026FW206 Method Blank-1	V2602882.D	C34220	Blank		1.090	1.206			12%	Pass	ND
M325B CCV 5	V2602893.D	C39219	Check	1.275	1.090	1.206	17%		-5.2%	Pass	
M325B CCV 5	V2602899.D	C33470	Check	1.270	1.090	1.206	17%		-4.6%	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	V2602881.D	C35775	Cal	0.927	0.857	0.927	8.3%	1.6%		Pass	
2026FW206 Method Blank-1	V2602882.D	C34220	Blank		0.857	0.927			12%	Pass	ND
M325B CCV 5	V2602893.D	C39219	Check	0.985	0.857	0.927	15%		-5.2%	Pass	
M325B CCV 5	V2602899.D	C33470	Check	1.051	0.857	0.927	23%		-4.6%	Pass	

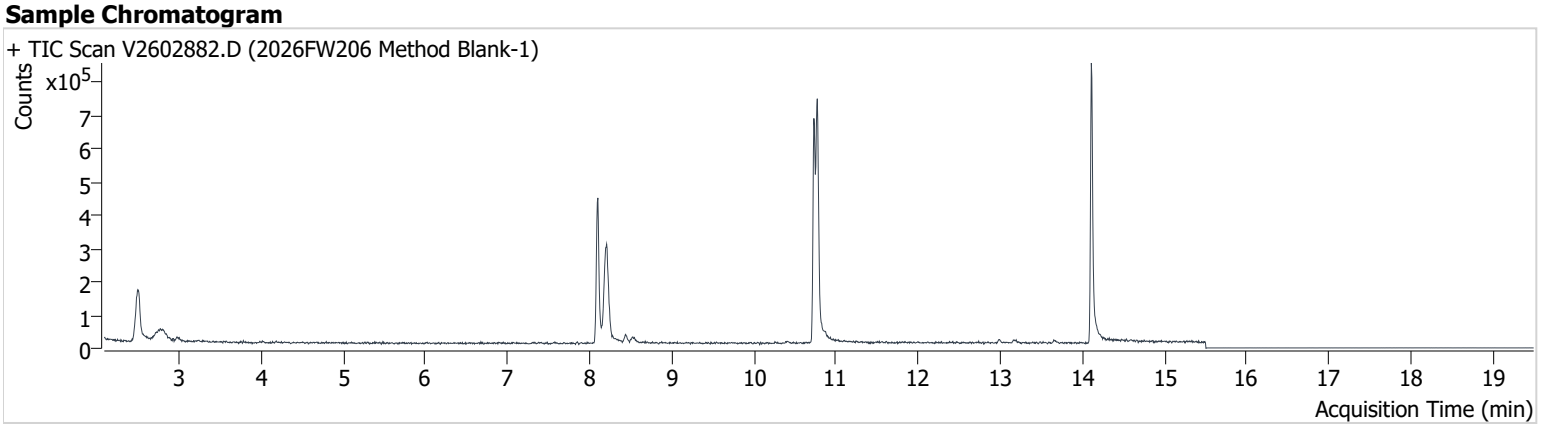
o-Xylene Calibration and Blanks

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	V2602881.D	C35775	Cal	0.997	0.885	0.997	13%	1.6%		Pass	
2026FW206 Method Blank-1	V2602882.D	C34220	Blank		0.885	0.997			12%	Pass	ND
M325B CCV 5	V2602893.D	C39219	Check	1.055	0.885	0.997	19%		-5.2%	Pass	
M325B CCV 5	V2602899.D	C33470	Check	1.059	0.885	0.997	20%		-4.6%	Pass	

Chromatograms

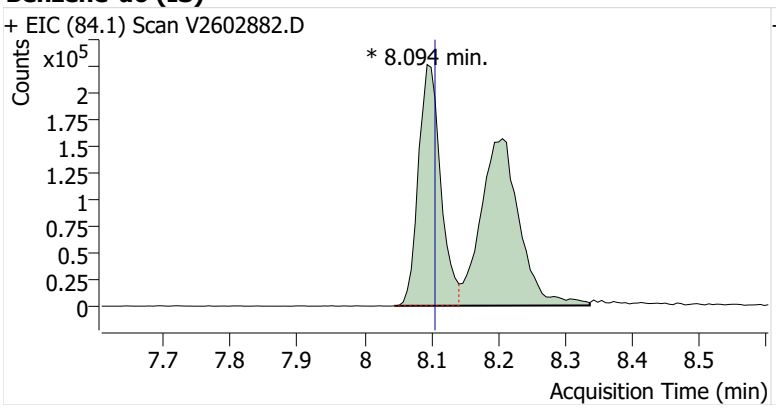
Name	2026FW206 Method Blank-1
Comment	C34220; Recollect
Data File	V2602882.D
Acq. Date-Time	6/23/2026 1:28:42 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

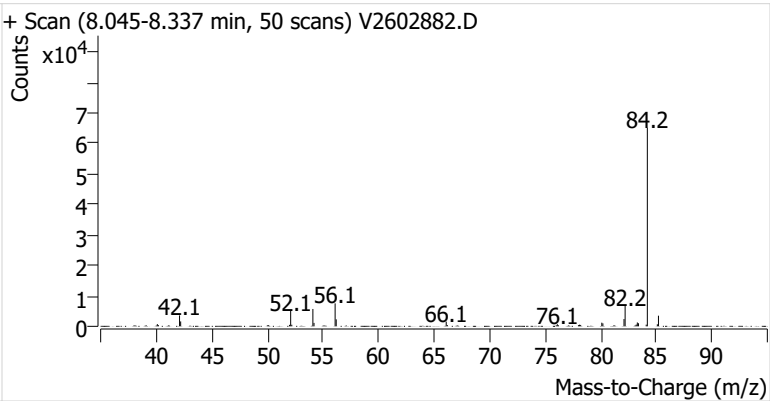
Sample Chromatogram



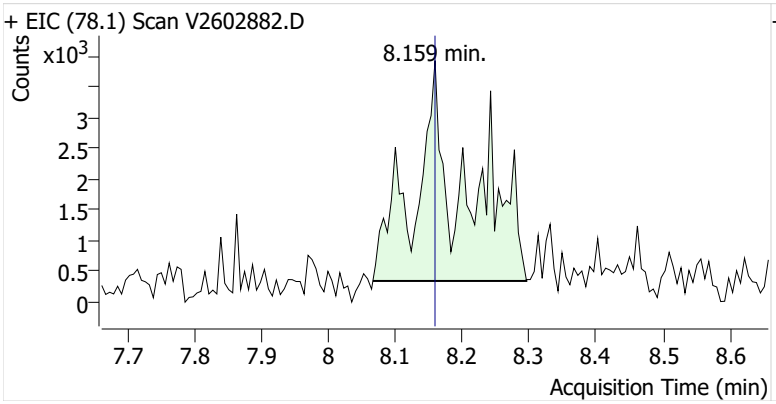
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.094	8.105	1,159,888	m
Benzene	Benzene-d6 (IS)	8.159	8.159	19,000	
Toluene-d8 (IS)		10.771	10.735	1,131,467	m
Toluene	Toluene-d8 (IS)	10.824	10.830	21,876	
Ethylbenzene	Toluene-d8 (IS)	12.990	12.984	7,847	
m-/p-Xylenes	Toluene-d8 (IS)	13.174	13.174	7,827	
o-Xylene	Toluene-d8 (IS)	13.661	13.655	6,016	

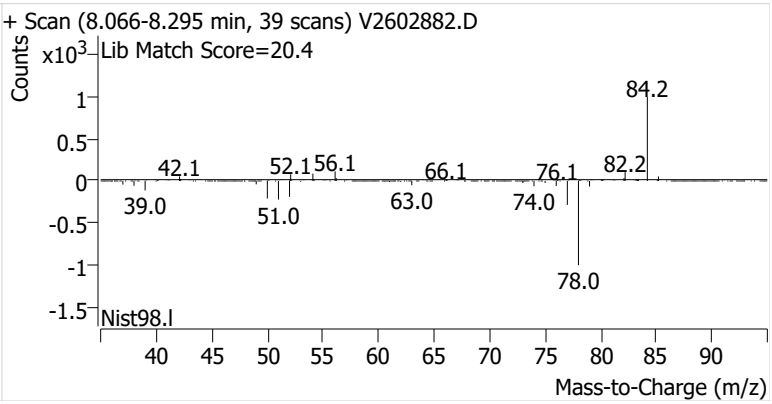
Benzene-d6 (IS)



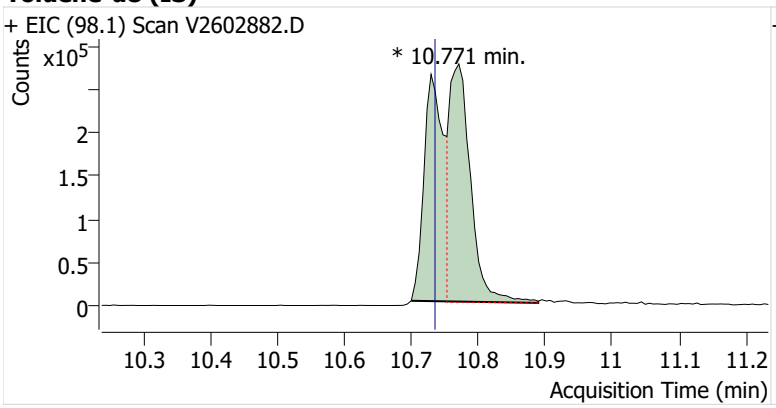


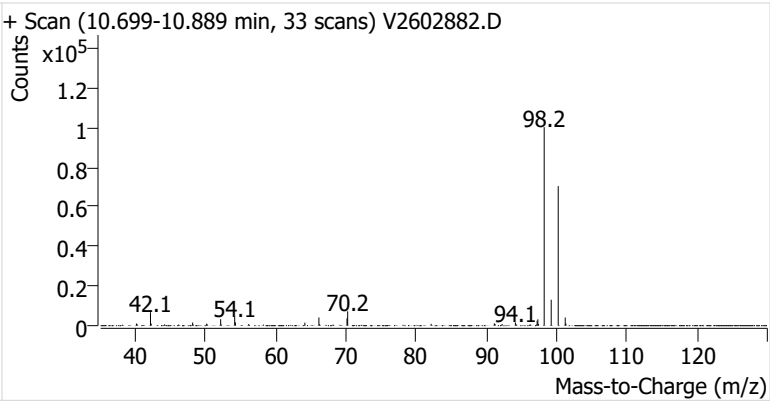
Benzene



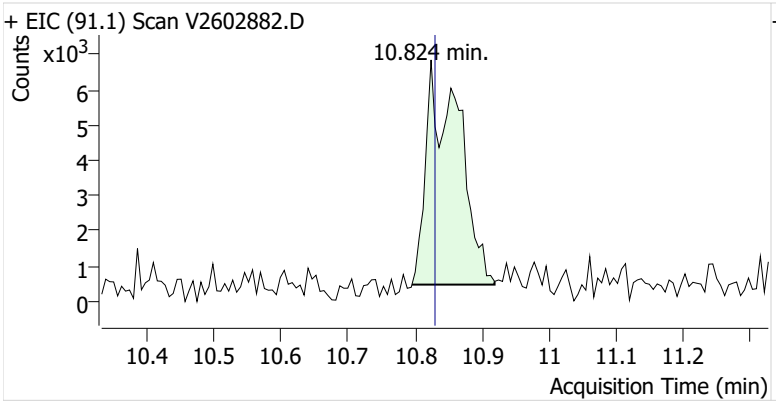


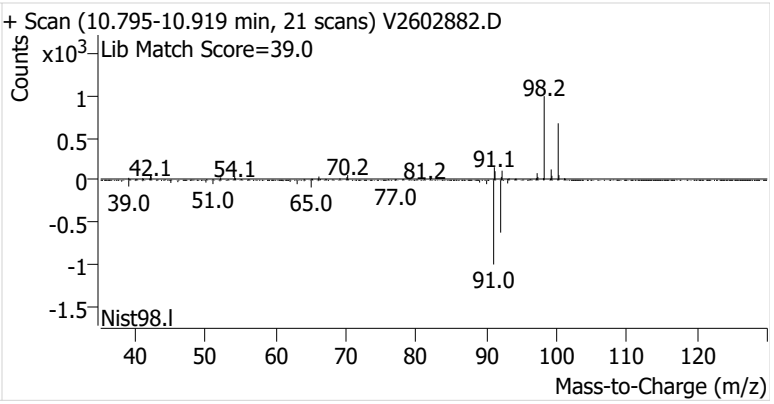
Toluene-d8 (IS)



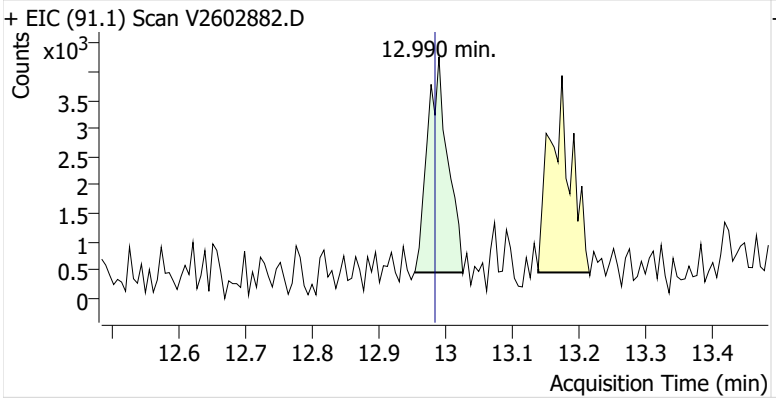


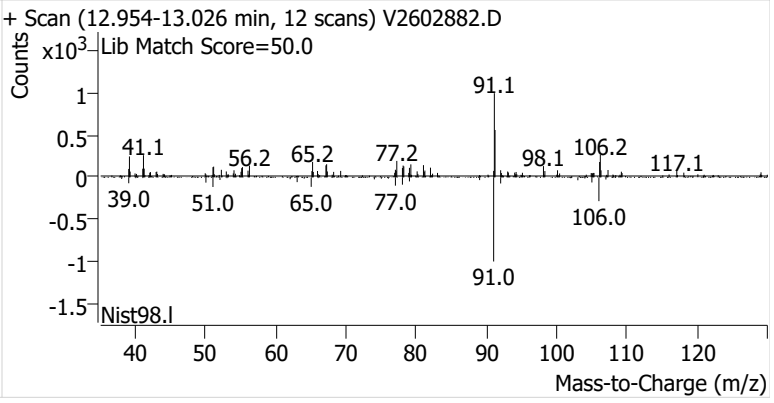
Toluene



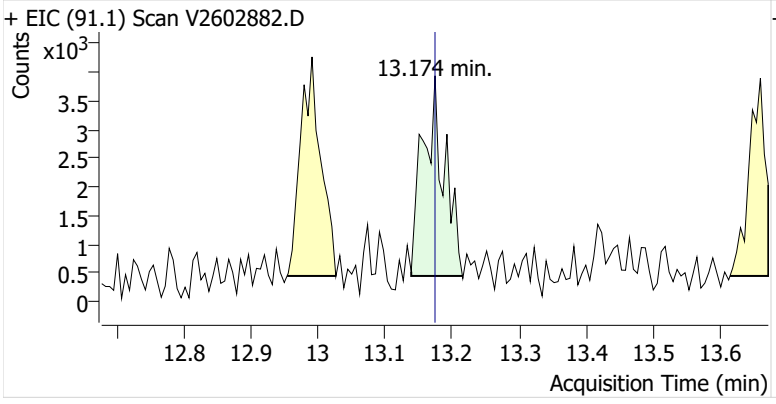


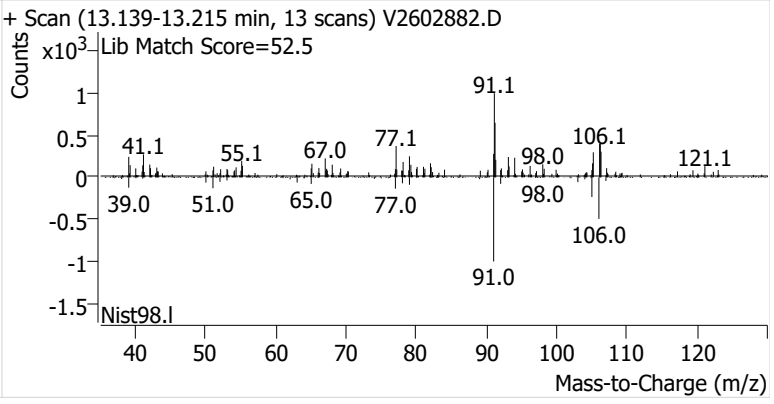
Ethylbenzene



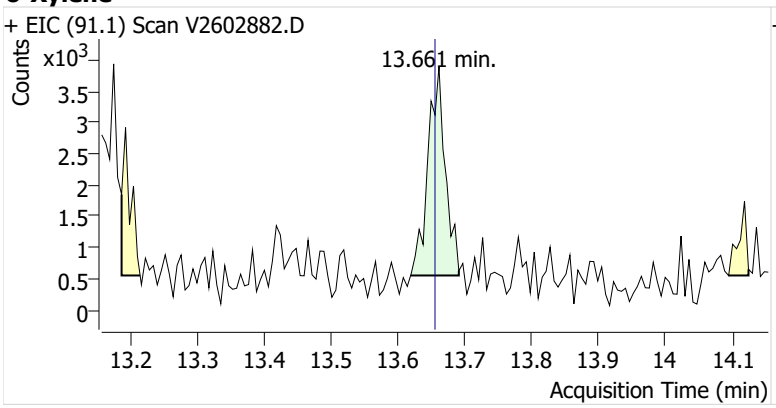


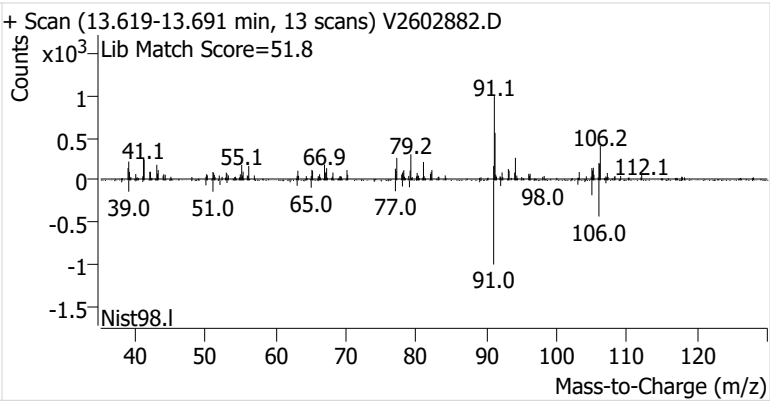
m-/p-Xylenes





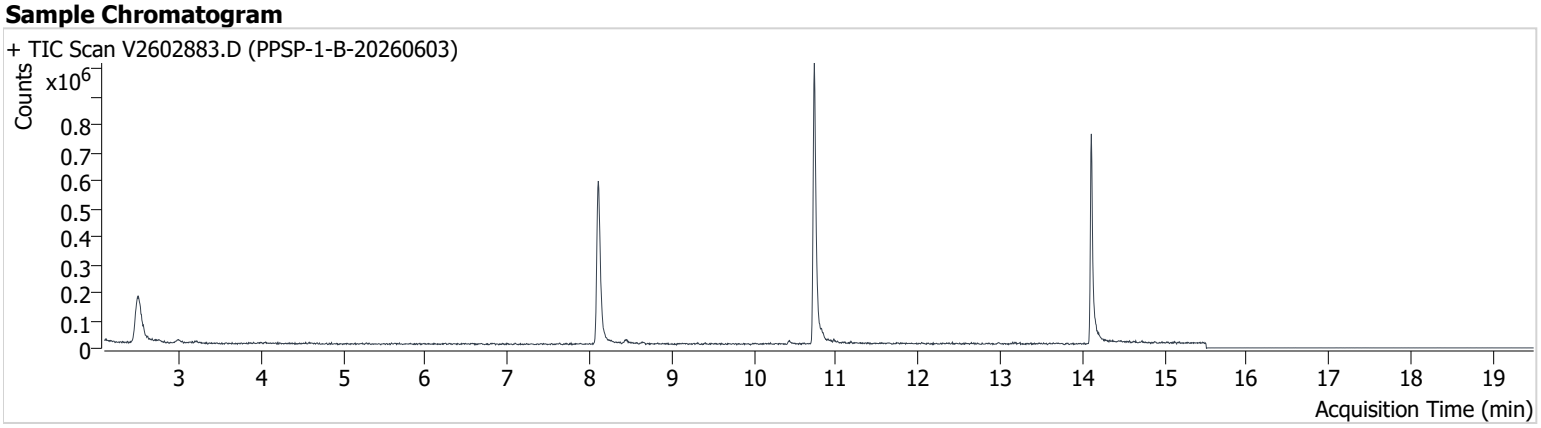
o-Xylene


+ EIC (91.1) Scan V2602882.D
Counts
x10^3
13.661 min.
Acquisition Time (min)


+ Scan (13.619-13.691 min, 13 scans) V2602882.D
Lib Match Score=51.8
Counts
x10^3
91.1
41.1
55.1
66.9
79.2
106.2
112.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

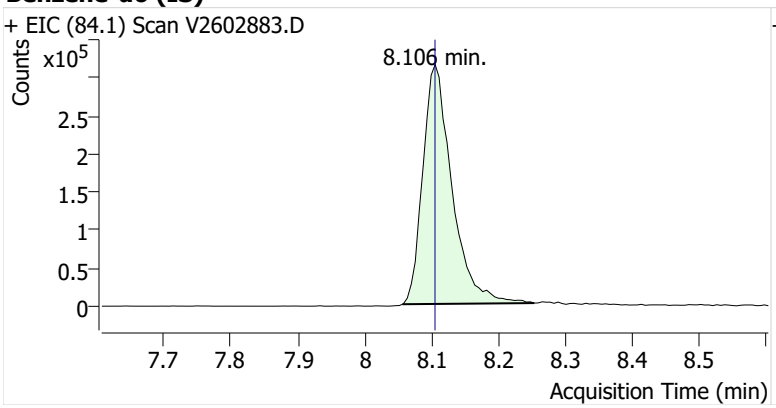
Name	PPSP-1-B-20260603
Comment	C59927; Recollect
Data File	V2602883.D
Acq. Date-Time	6/23/2026 2:06:02 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

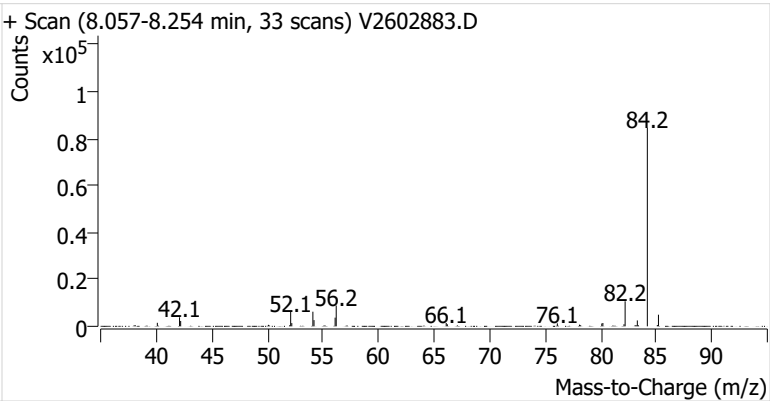
Sample Chromatogram



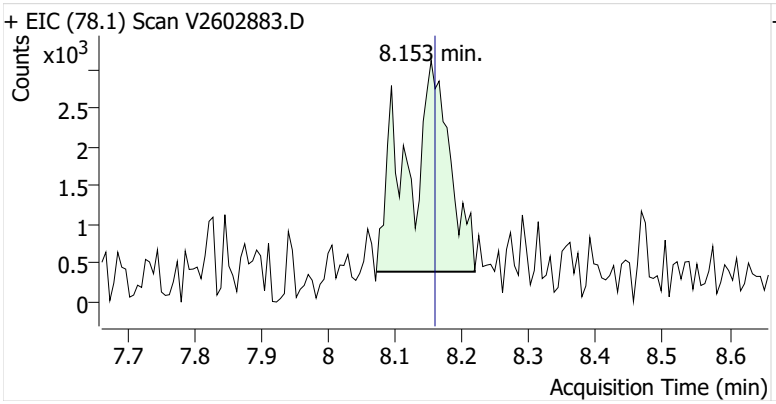
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	954,428	
Benzene	Benzene-d6 (IS)	8.153	8.159	11,962	
Toluene-d8 (IS)		10.735	10.735	976,604	
Toluene	Toluene-d8 (IS)	10.824	10.830	18,134	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	2,590	
m-/p-Xylenes	Toluene-d8 (IS)	13.151	13.174	923	m
o-Xylene	Toluene-d8 (IS)	13.655	13.655	1,737	

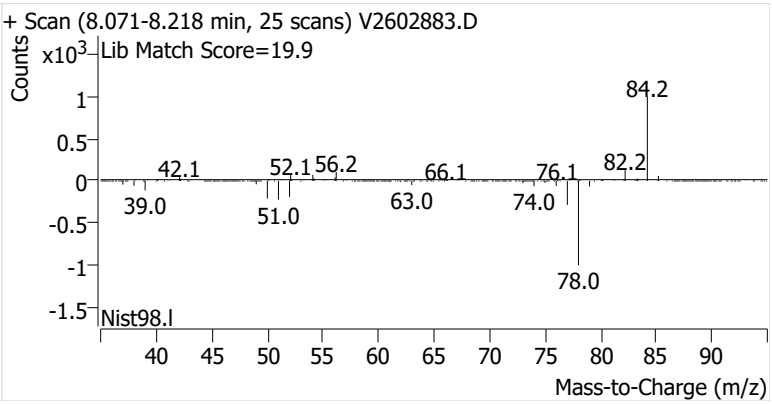
Benzene-d6 (IS)



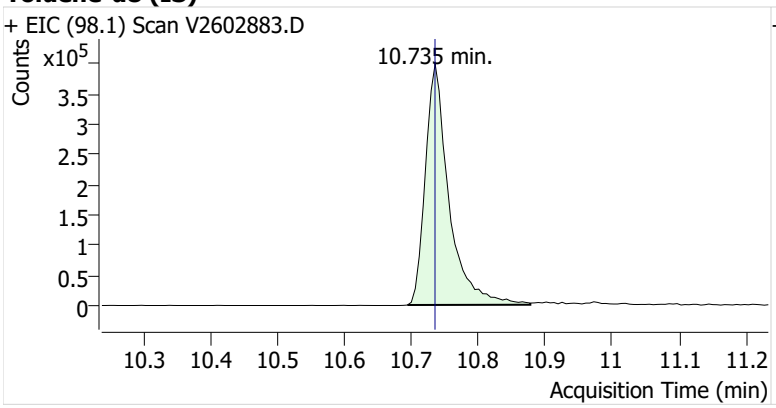


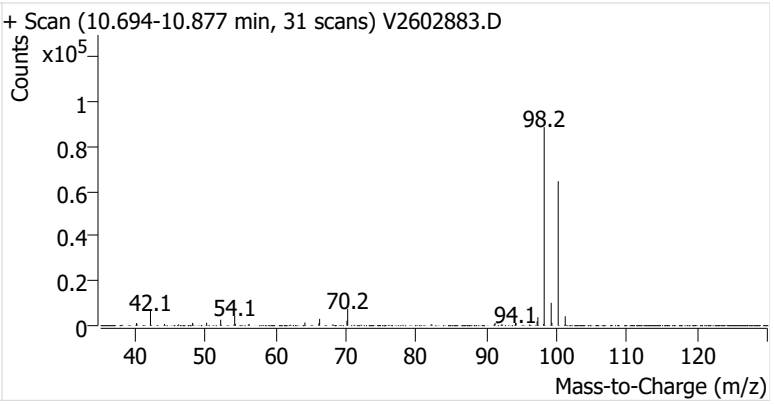
Benzene



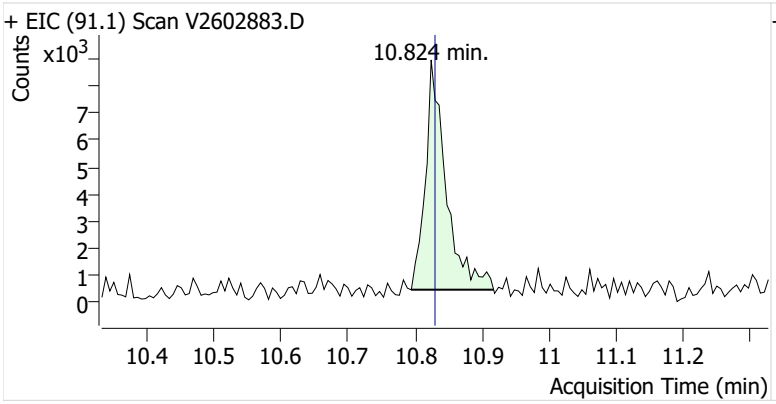


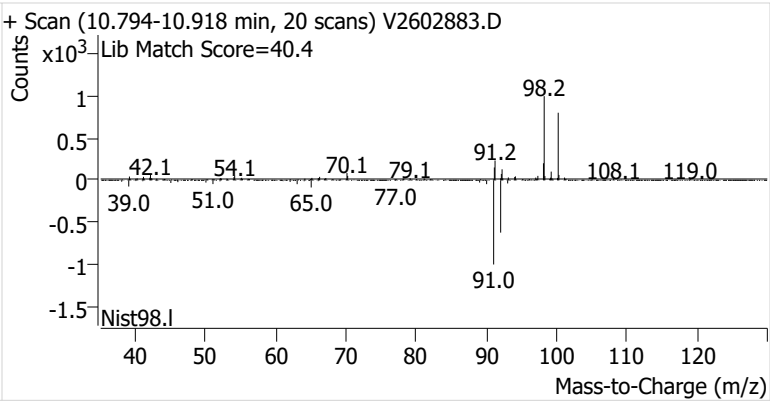
Toluene-d8 (IS)



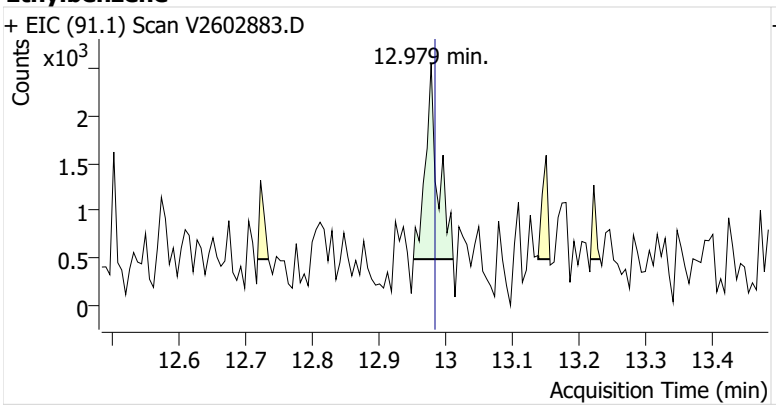


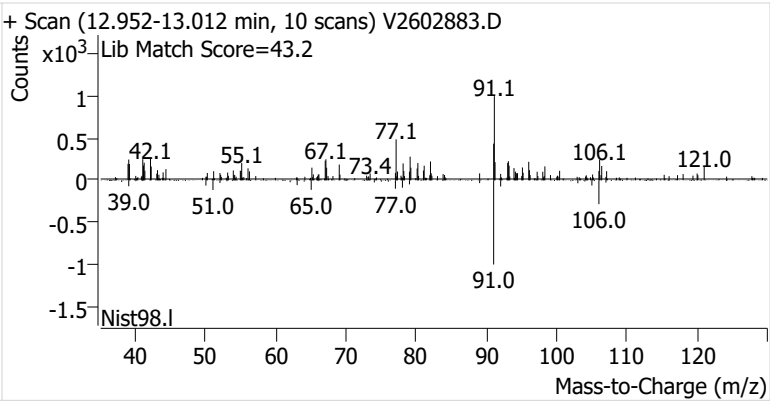
Toluene



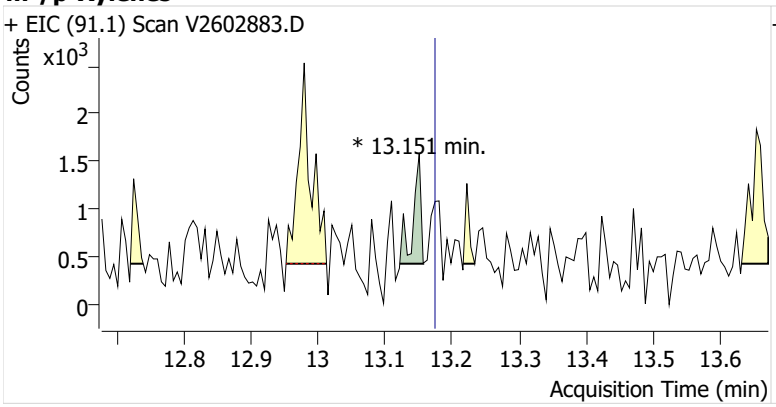


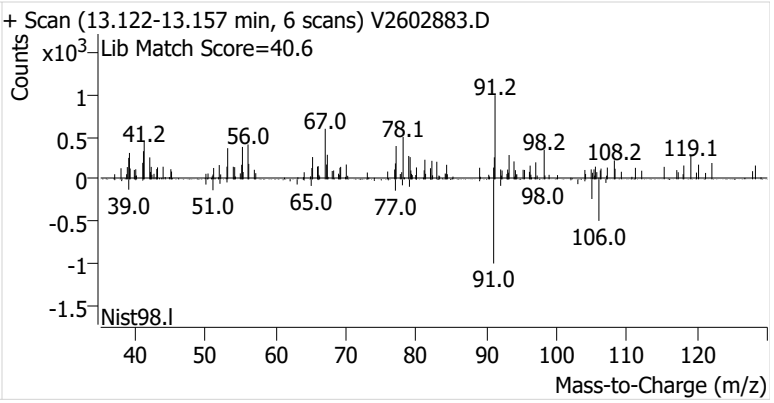
Ethylbenzene



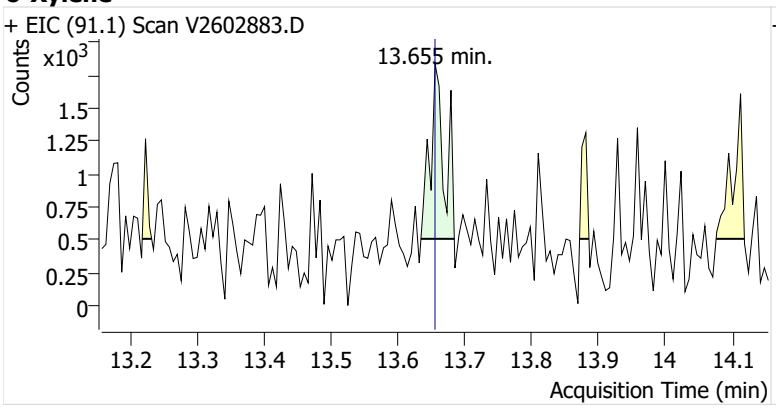


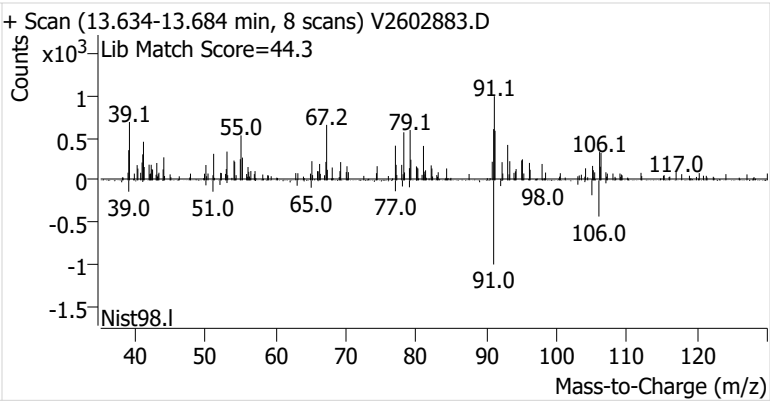
m-/p-Xylenes





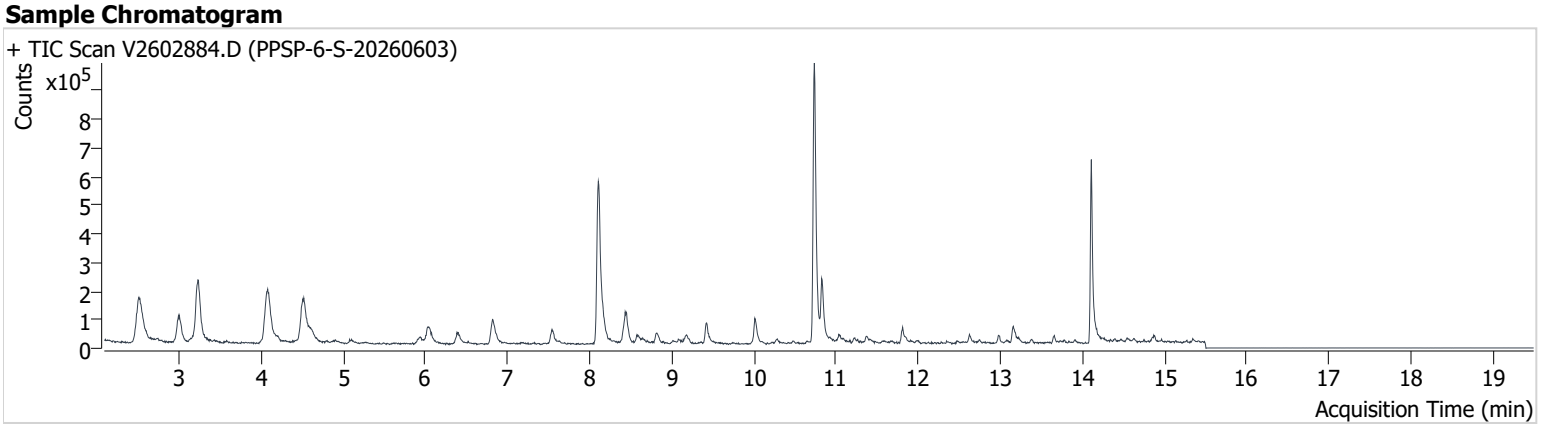
o-Xylene


+ EIC (91.1) Scan V2602883.D
Counts
x10^3
13.655 min.
1.5
1.25
1
0.75
0.5
0.25
0
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.634-13.684 min, 8 scans) V2602883.D
Lib Match Score=44.3
Counts
x10^3
91.1
39.1
55.0
67.2
79.1
106.1
117.0
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)

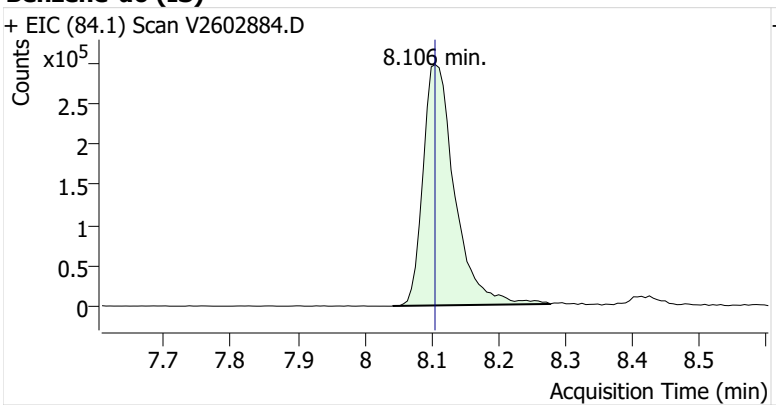
Name	PPSP-6-S-20260603
Comment	B19735; Recollect
Data File	V2602884.D
Acq. Date-Time	6/23/2026 2:43:21 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

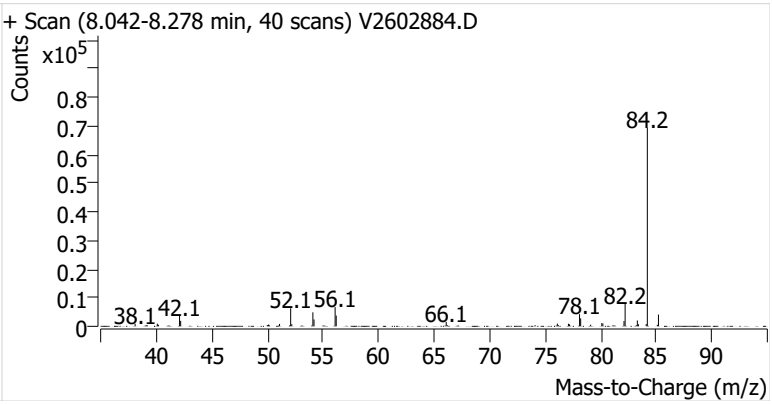
Sample Chromatogram



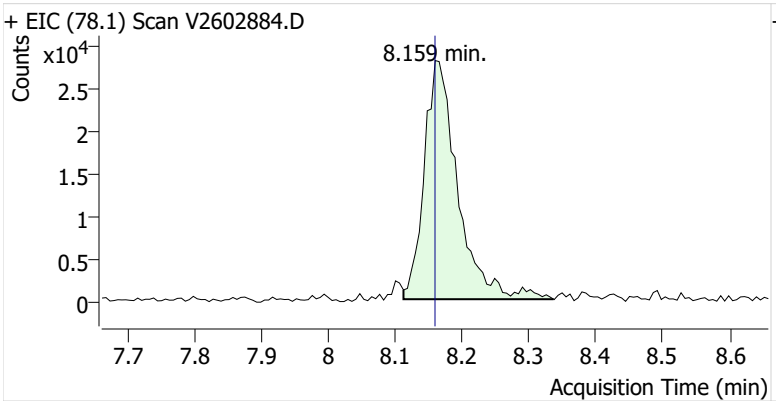
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	979,328	
Benzene	Benzene-d6 (IS)	8.159	8.159	98,275	
Toluene-d8 (IS)		10.735	10.735	971,462	
Toluene	Toluene-d8 (IS)	10.824	10.830	196,775	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	25,715	
m-/p-Xylenes	Toluene-d8 (IS)	13.163	13.174	61,232	
o-Xylene	Toluene-d8 (IS)	13.655	13.655	19,012	

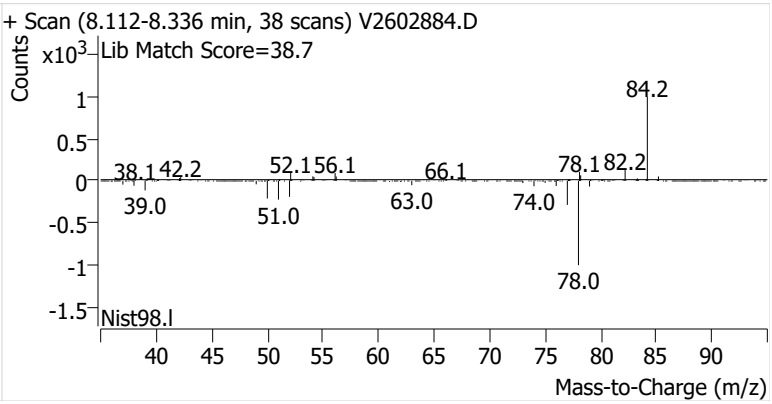
Benzene-d6 (IS)



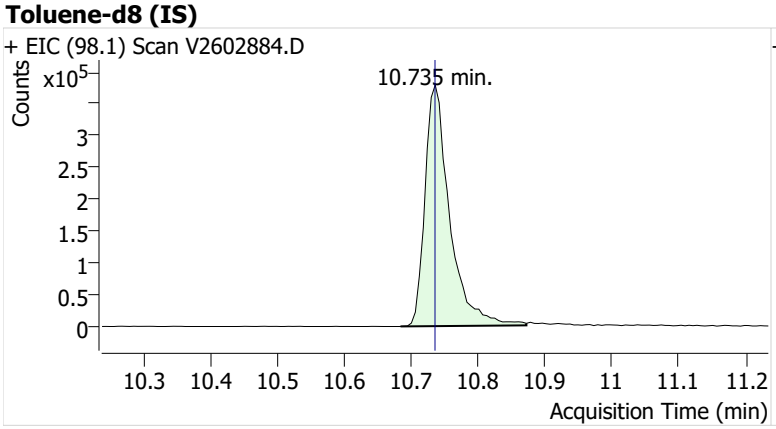


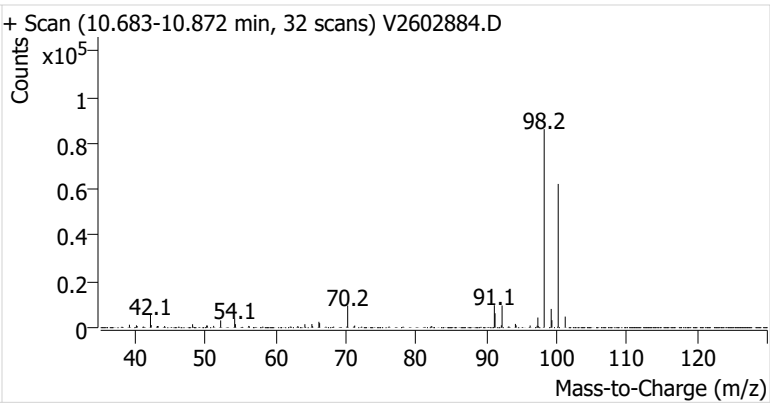
Benzene



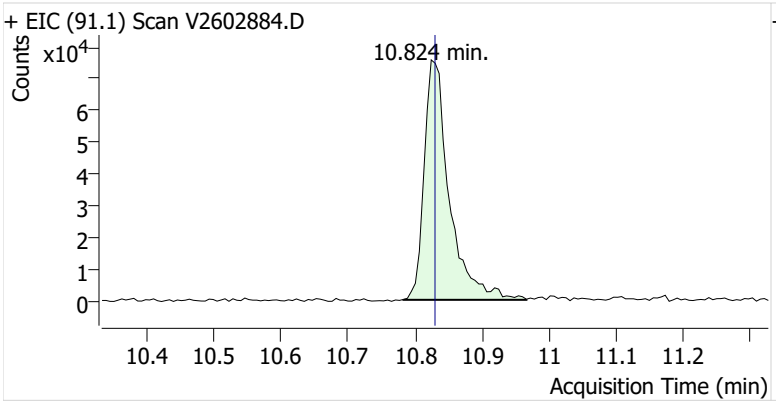


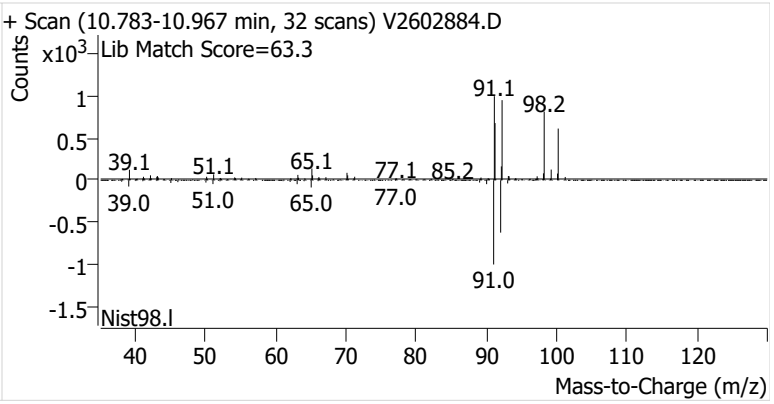
Toluene-d8 (IS)



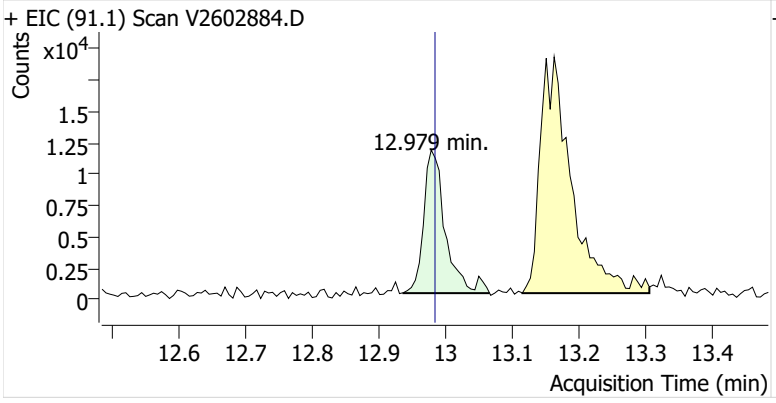


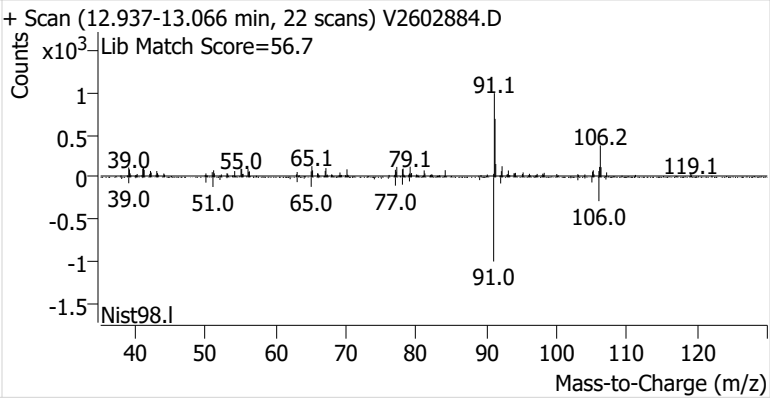
Toluene



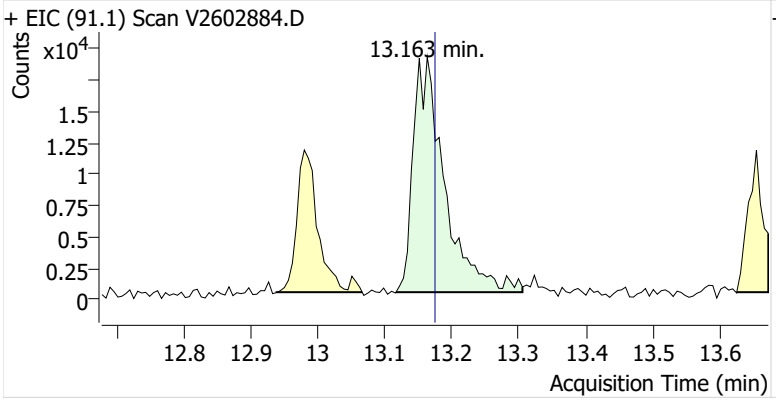


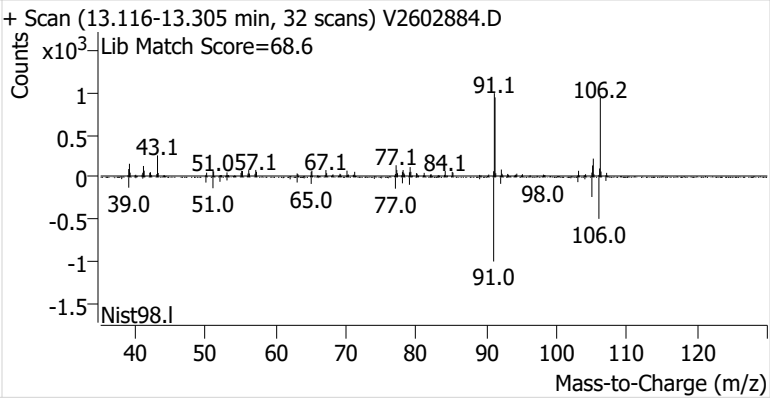
Ethylbenzene



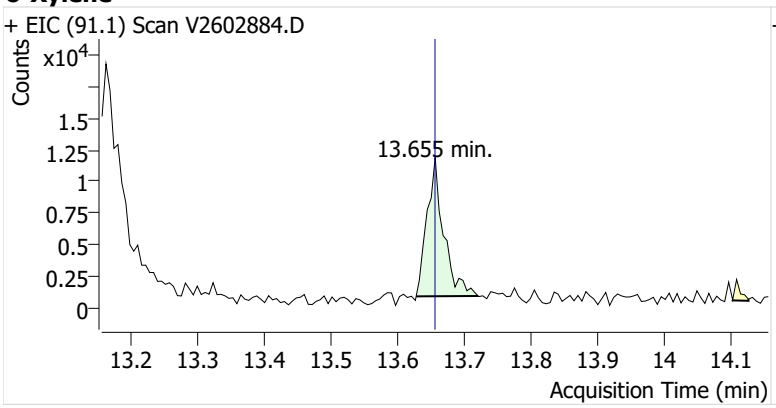


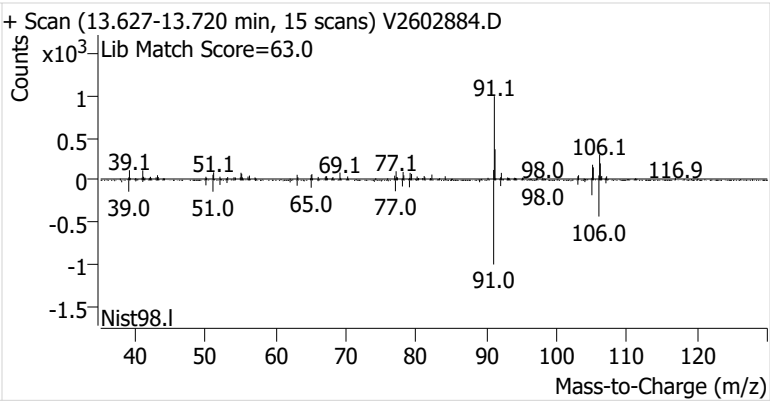
m-/p-Xylenes





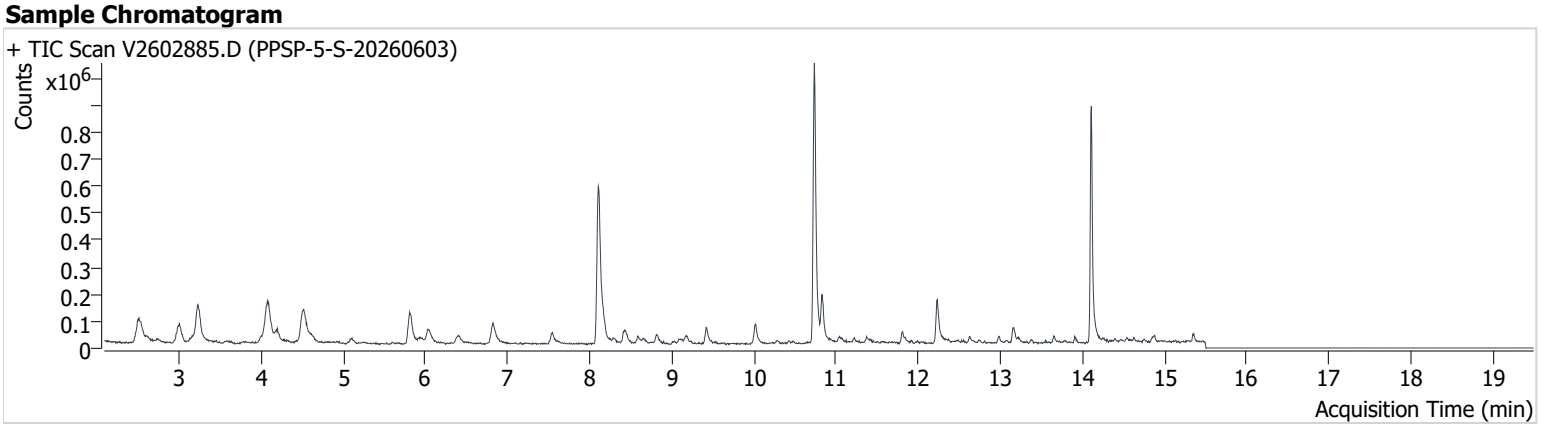
o-Xylene


+ EIC (91.1) Scan V2602884.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
13.655 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.627-13.720 min, 15 scans) V2602884.D
Lib Match Score=63.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
51.1
69.1
77.1
98.0
106.1
116.9
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)

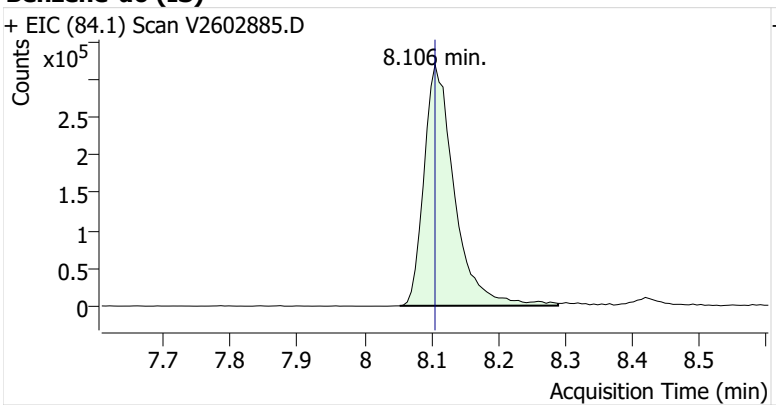
Name	PPSP-5-S-20260603
Comment	C71751; Recollect
Data File	V2602885.D
Acq. Date-Time	6/23/2026 3:20:39 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

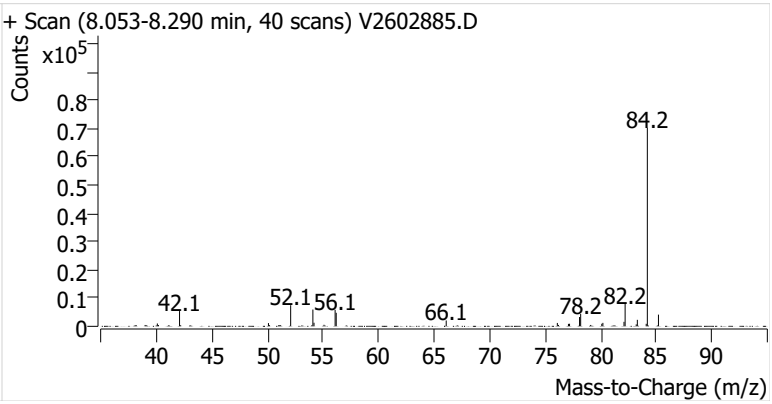
Sample Chromatogram



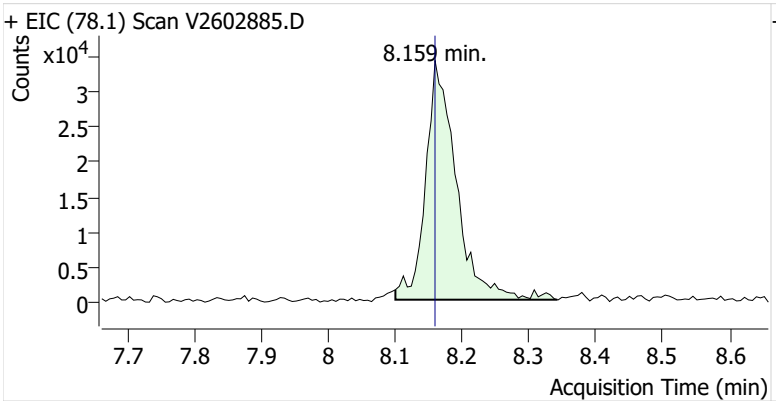
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	1,008,385	
Benzene	Benzene-d6 (IS)	8.159	8.159	109,404	
Toluene-d8 (IS)		10.735	10.735	999,947	
Toluene	Toluene-d8 (IS)	10.830	10.830	153,590	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	20,535	
m-/p-Xylenes	Toluene-d8 (IS)	13.163	13.174	57,224	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	19,908	

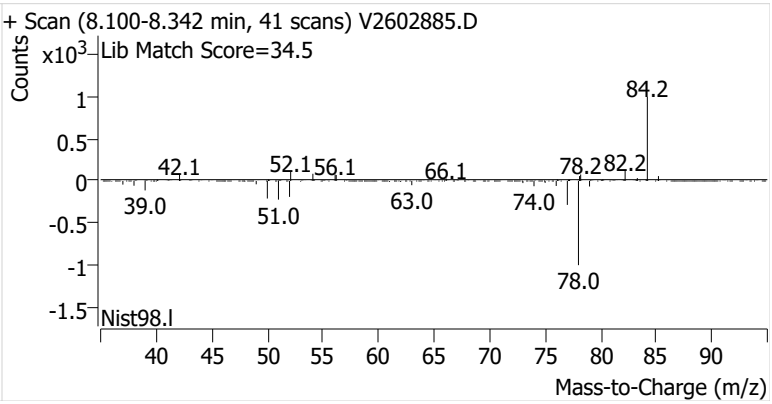
Benzene-d6 (IS)



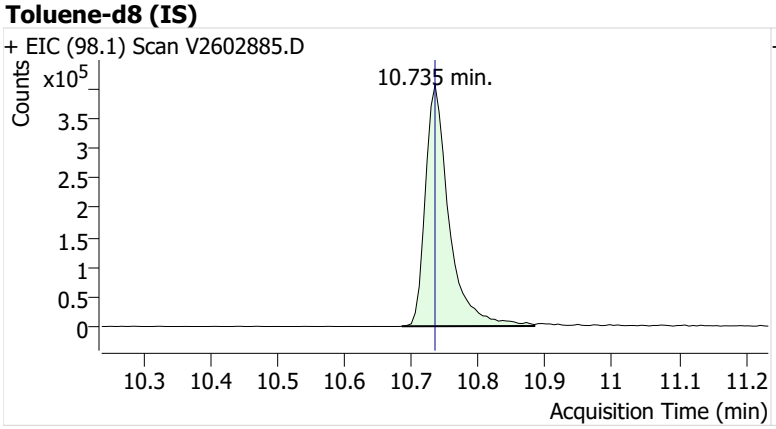


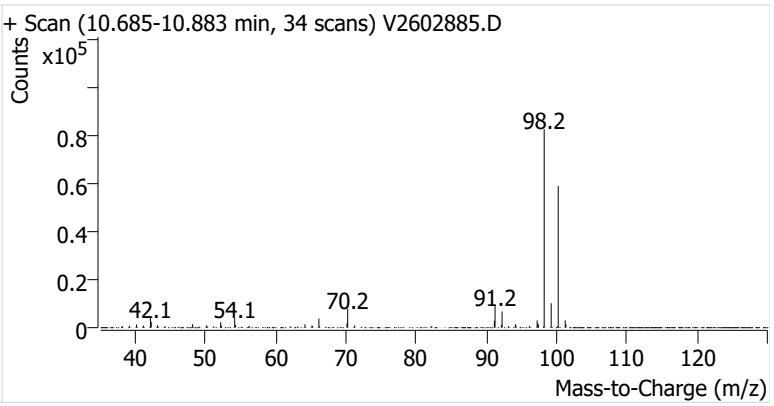
Benzene



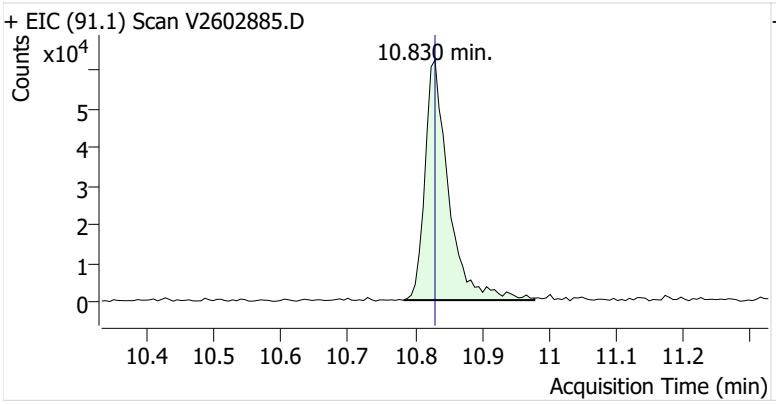


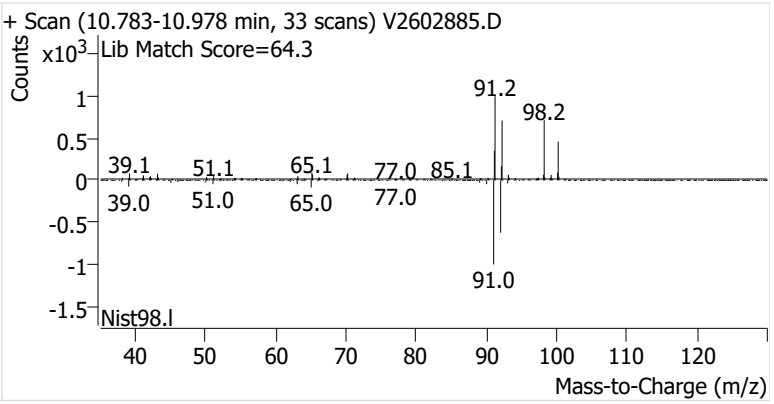
Toluene-d8 (IS)



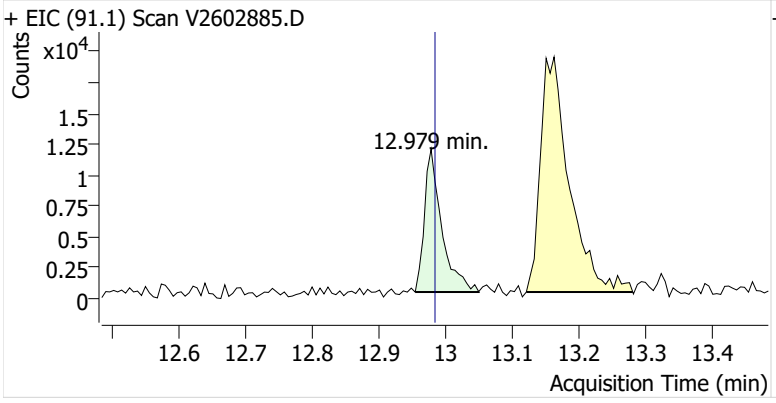


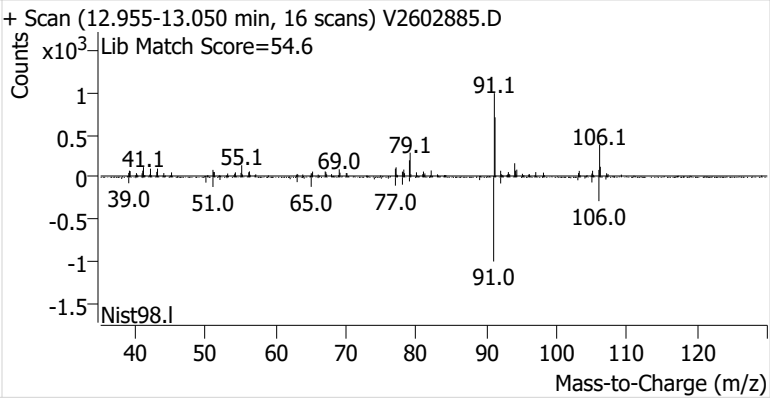
Toluene



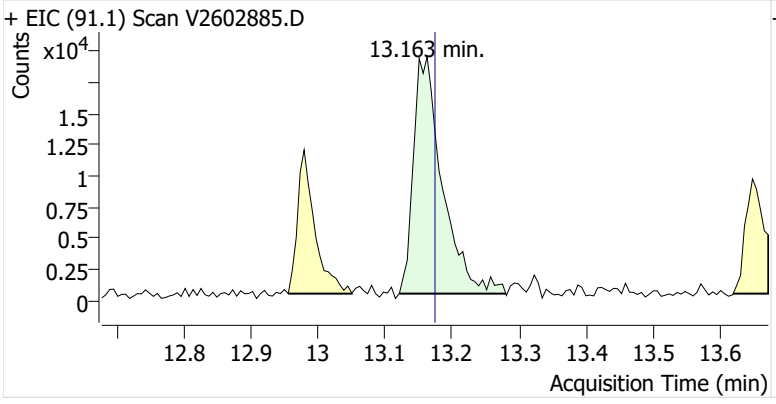


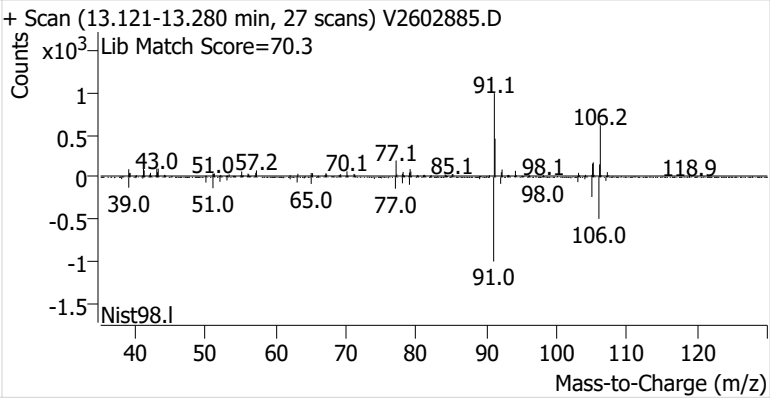
Ethylbenzene



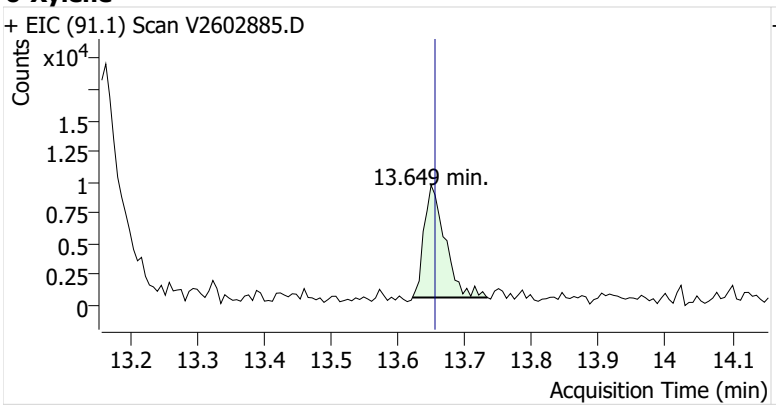


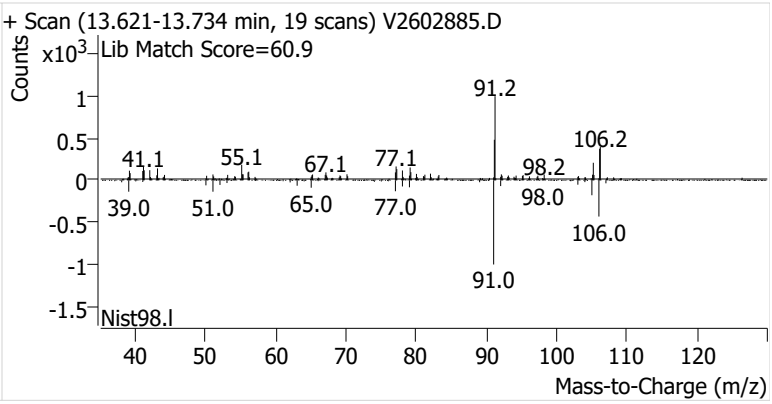
m-/p-Xylenes





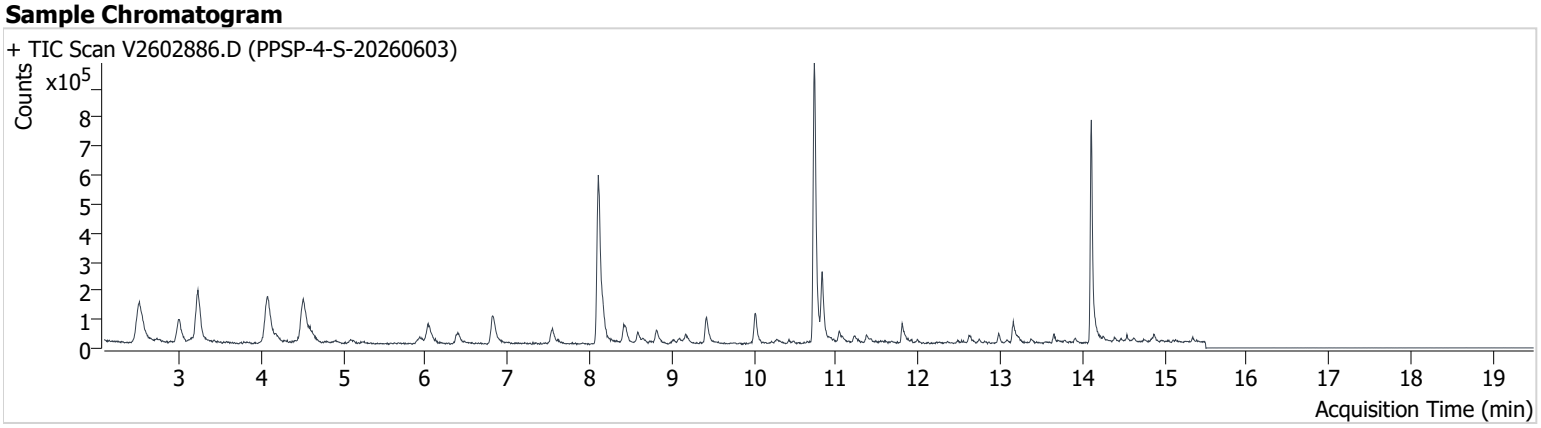
o-Xylene


+ EIC (91.1) Scan V2602885.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
13.649 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.621-13.734 min, 19 scans) V2602885.D
Counts
x10^3
Lib Match Score=60.9
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.1
55.1
67.1
77.1
98.2
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)

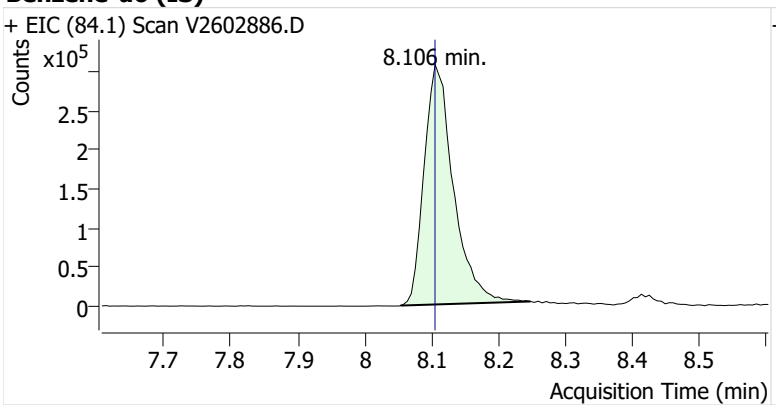
Name	PPSP-4-S-20260603
Comment	B50900; Recollect
Data File	V2602886.D
Acq. Date-Time	6/23/2026 3:58:00 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

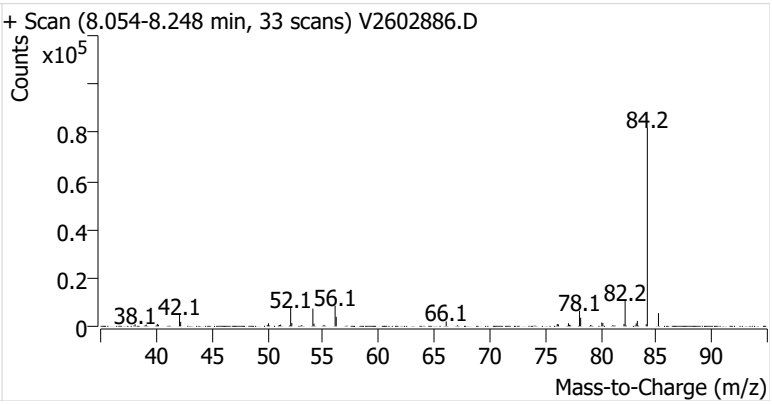
Sample Chromatogram



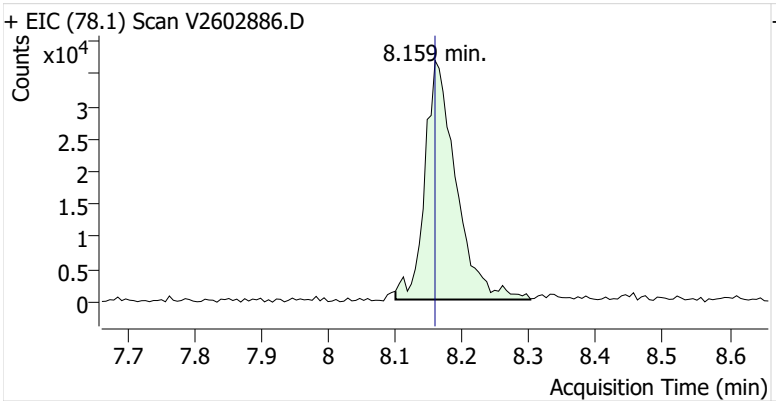
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	934,625	
Benzene	Benzene-d6 (IS)	8.159	8.159	119,140	
Toluene-d8 (IS)		10.735	10.735	966,932	
Toluene	Toluene-d8 (IS)	10.830	10.830	219,203	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	27,793	
m-/p-Xylenes	Toluene-d8 (IS)	13.157	13.174	72,352	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	24,966	

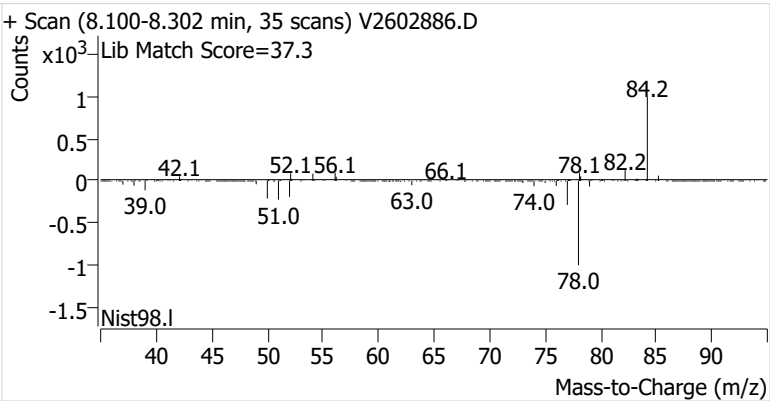
Benzene-d6 (IS)



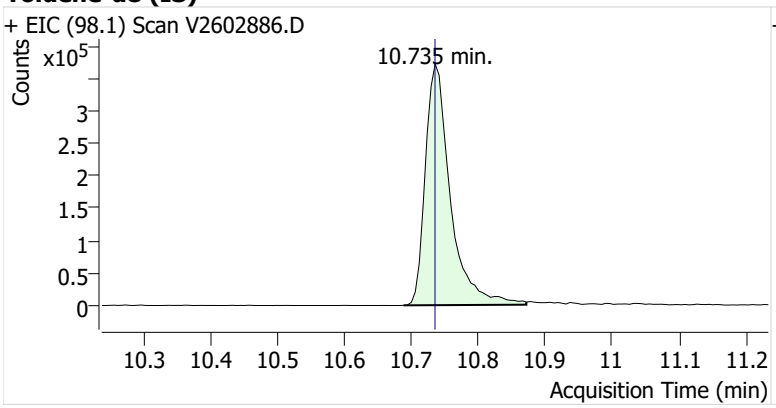


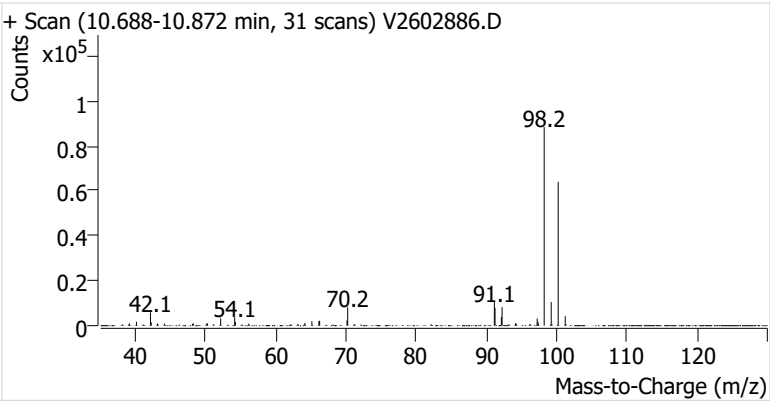
Benzene



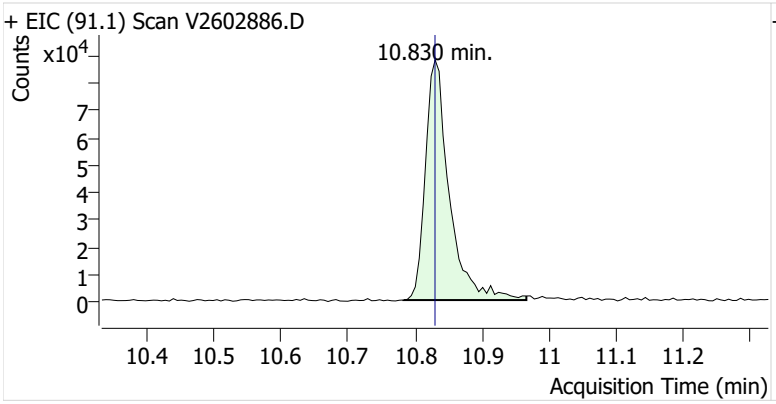


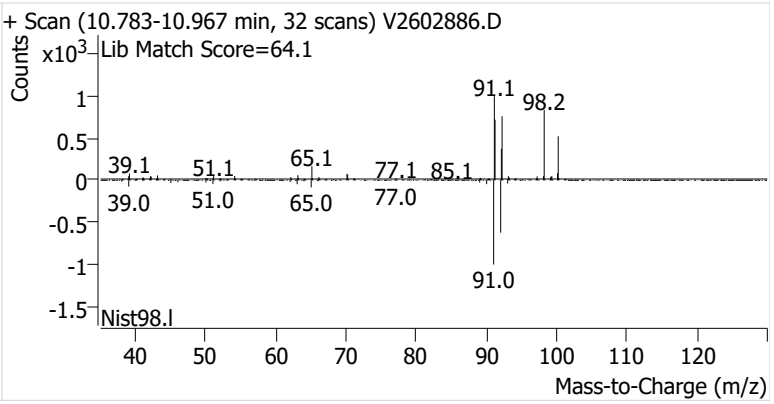
Toluene-d8 (IS)



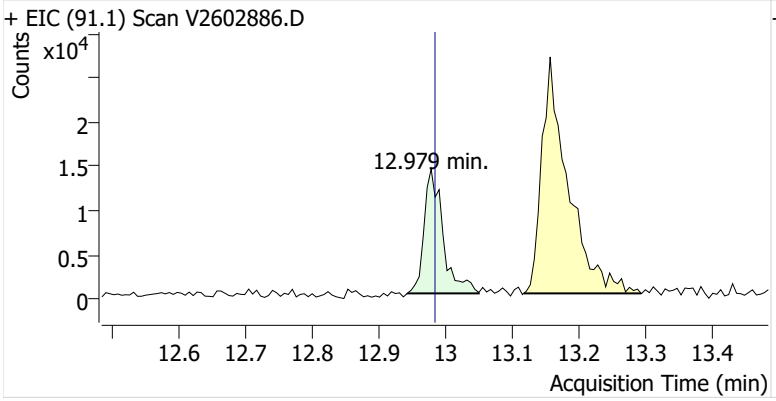


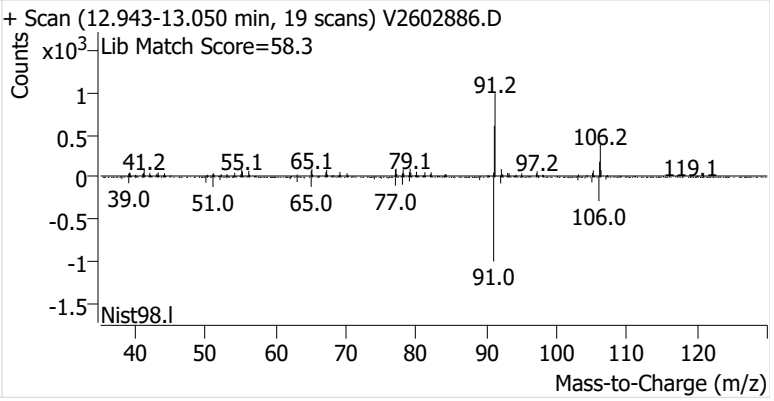
Toluene



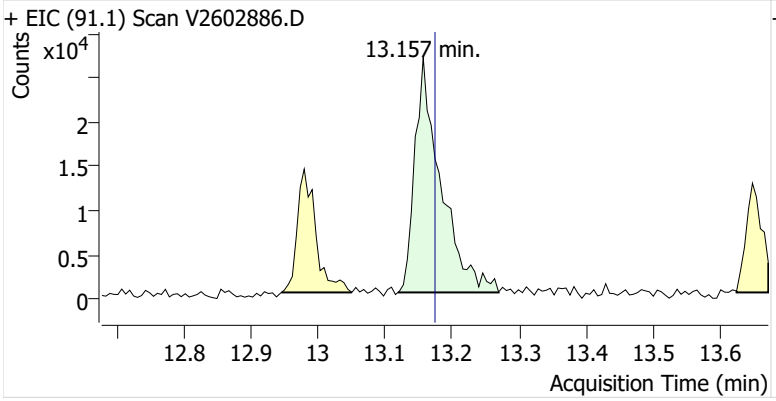


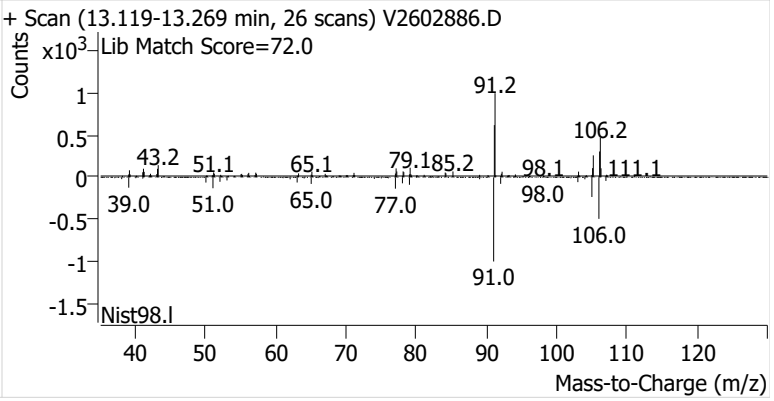
Ethylbenzene



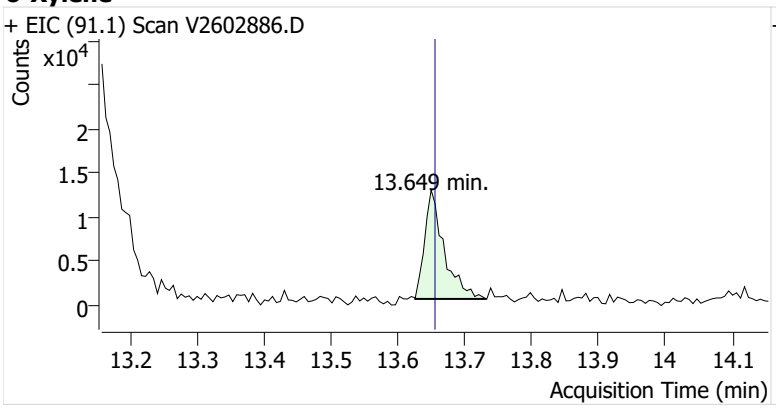


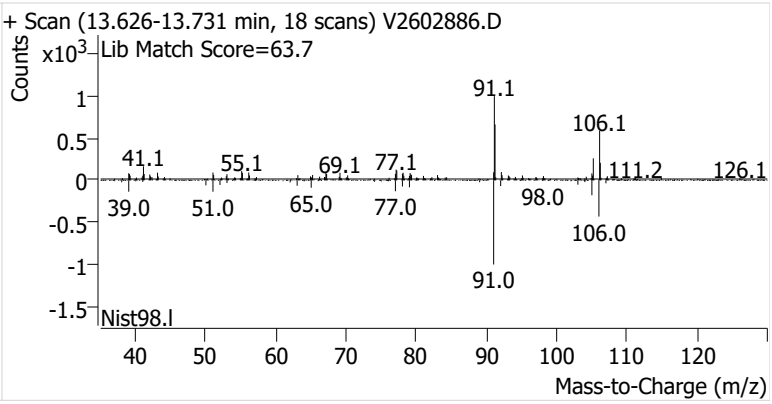
m-/p-Xylenes





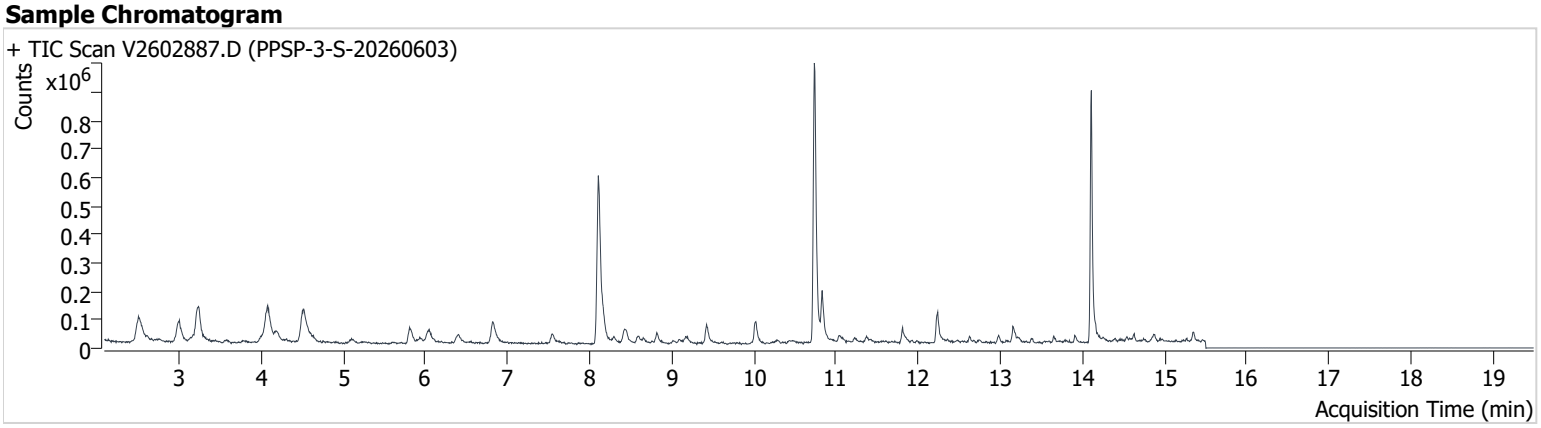
o-Xylene


+ EIC (91.1) Scan V2602886.D
Counts
x10^4
2
1.5
1
0.5
0
13.649 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.626-13.731 min, 18 scans) V2602886.D
Lib Match Score=63.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
111.2
126.1
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)

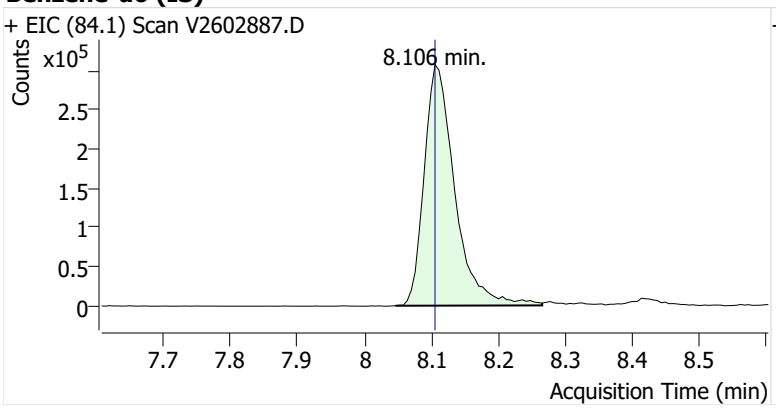
Name	PPSP-3-S-20260603
Comment	C71726; Recollect
Data File	V2602887.D
Acq. Date-Time	6/23/2026 4:35:18 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

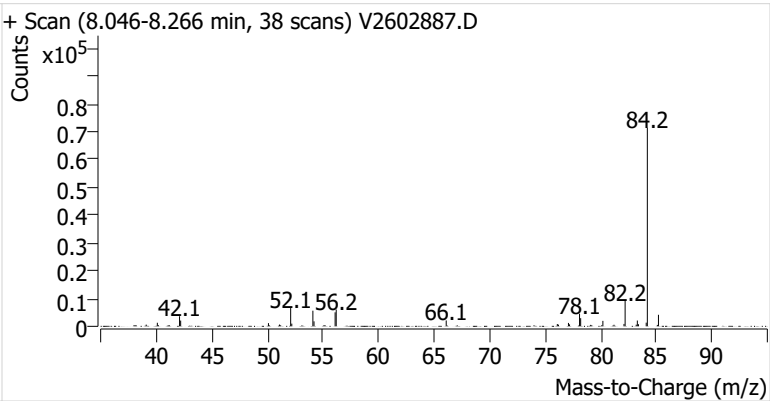
Sample Chromatogram



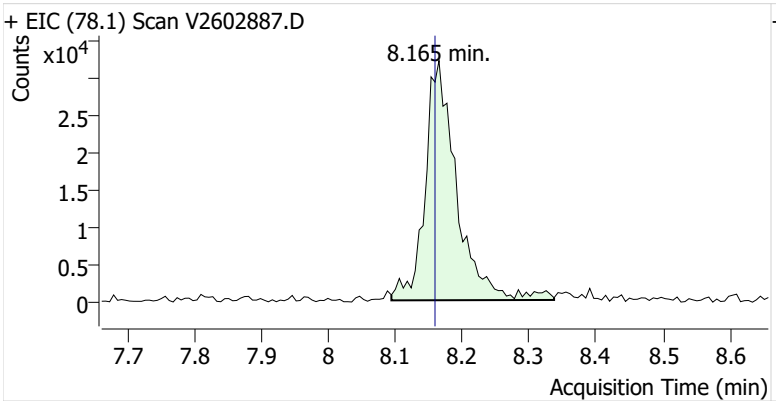
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	974,624	
Benzene	Benzene-d6 (IS)	8.165	8.159	106,091	
Toluene-d8 (IS)		10.741	10.735	967,472	
Toluene	Toluene-d8 (IS)	10.830	10.830	153,369	
Ethylbenzene	Toluene-d8 (IS)	12.984	12.984	15,941	
m-/p-Xylenes	Toluene-d8 (IS)	13.151	13.174	52,233	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	17,864	

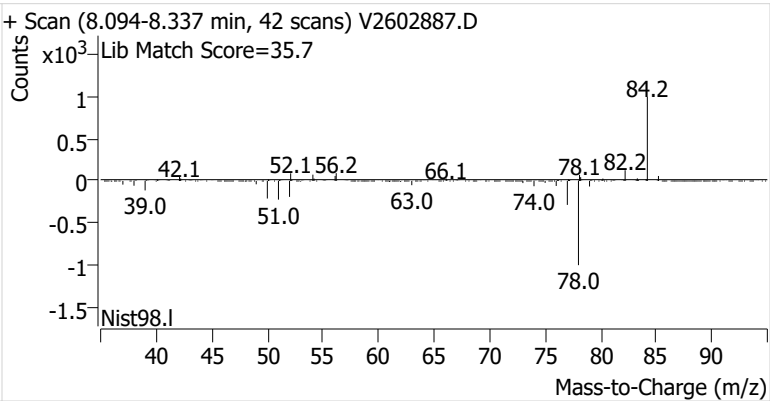
Benzene-d6 (IS)



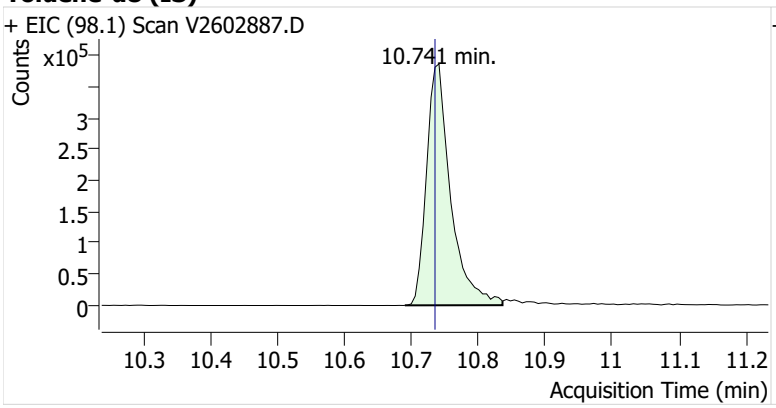


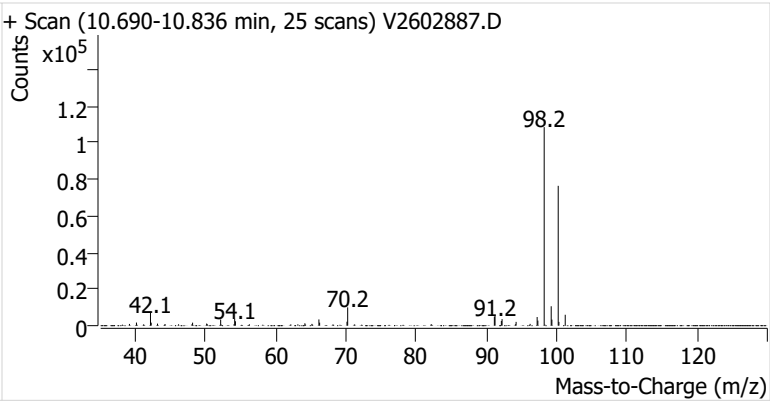
Benzene



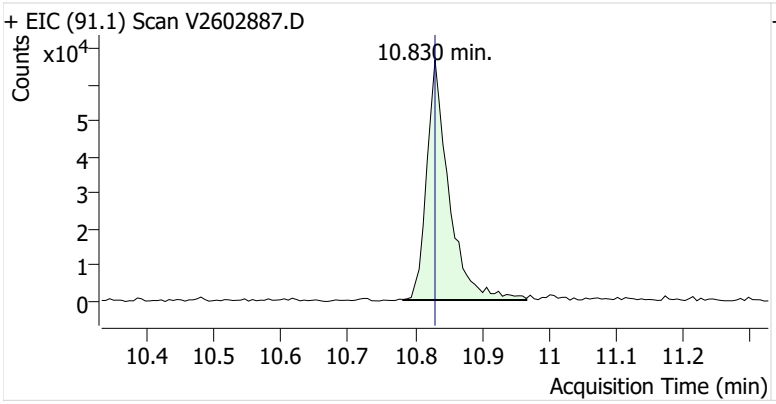


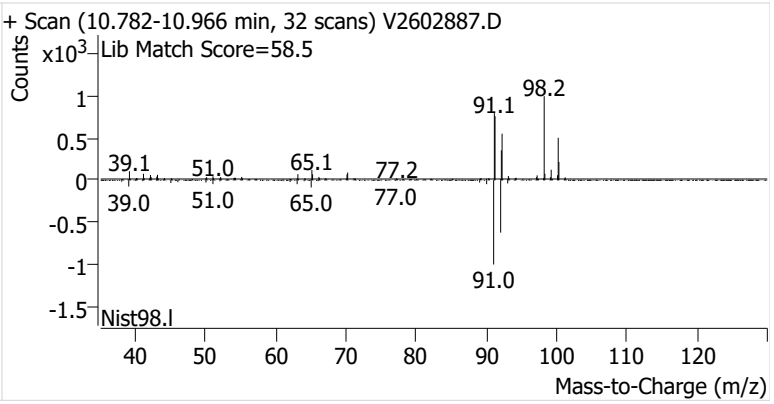
Toluene-d8 (IS)



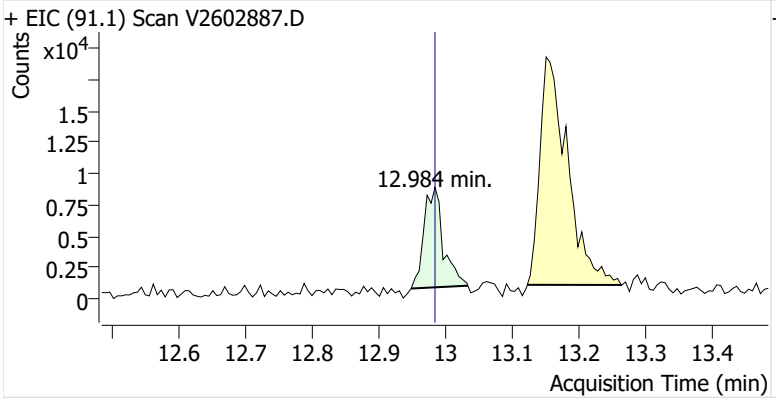


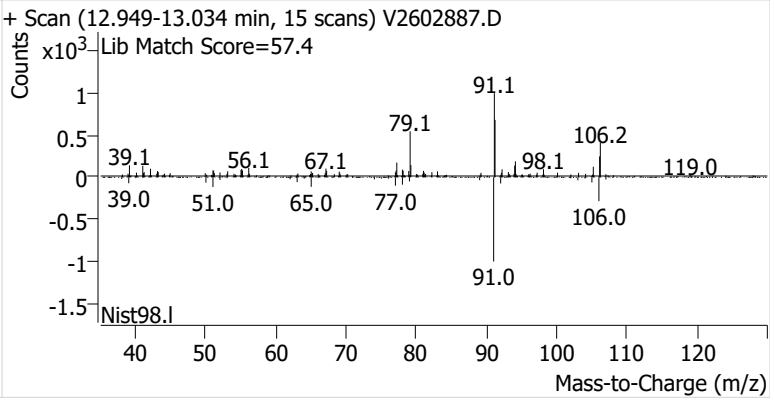
Toluene



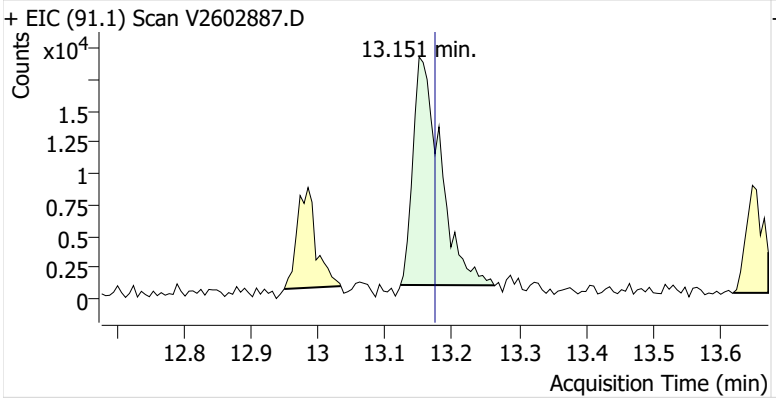


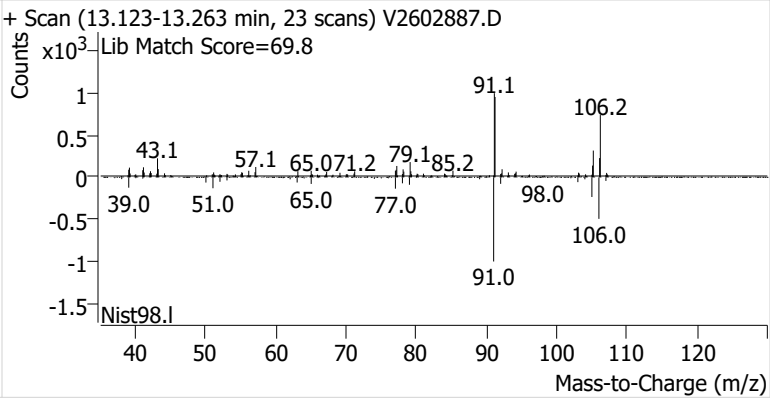
Ethylbenzene



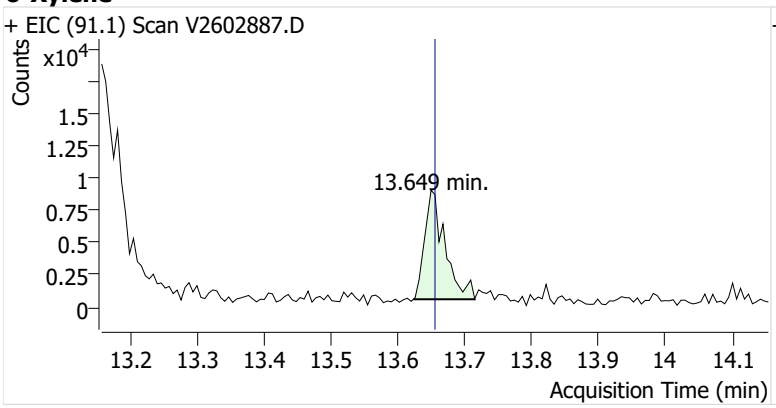


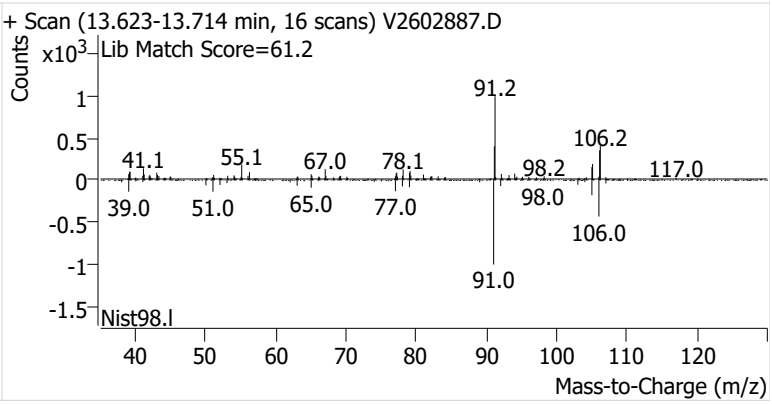
m-/p-Xylenes





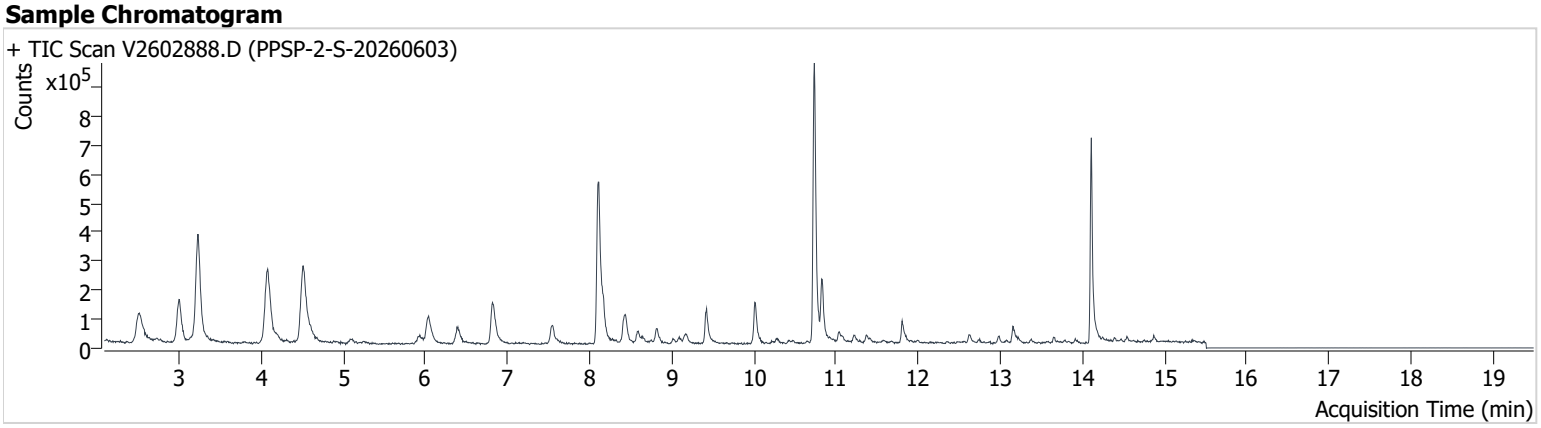
o-Xylene


+ EIC (91.1) Scan V2602887.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
13.649 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.623-13.714 min, 16 scans) V2602887.D
Counts
x10^3
Lib Match Score=61.2
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.1
55.1
67.0
78.1
98.2
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)

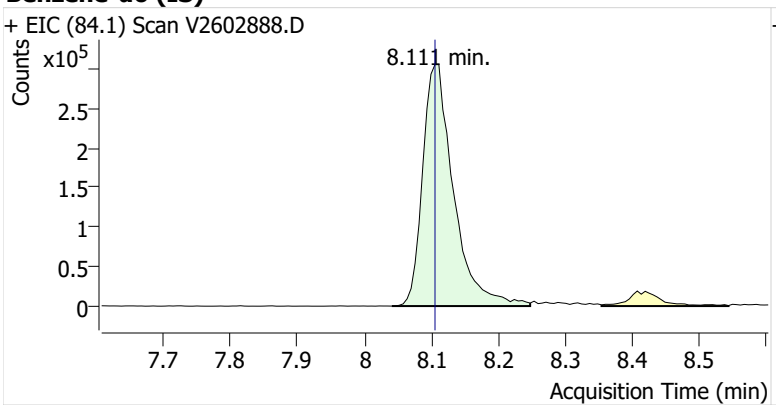
Name	PPSP-2-S-20260603
Comment	B47780; Recollect
Data File	V2602888.D
Acq. Date-Time	6/23/2026 5:12:38 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

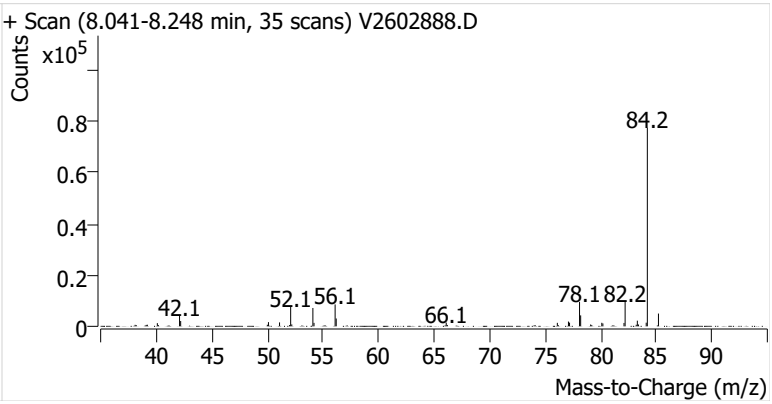
Sample Chromatogram



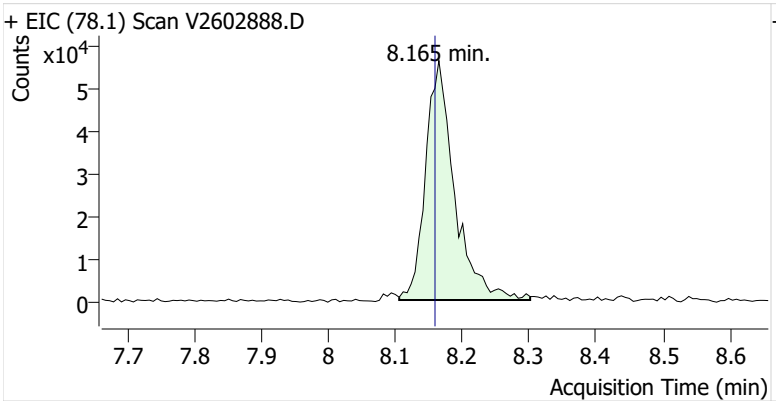
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.111	8.105	980,779	
Benzene	Benzene-d6 (IS)	8.165	8.159	169,751	
Toluene-d8 (IS)		10.735	10.735	943,338	
Toluene	Toluene-d8 (IS)	10.830	10.830	201,347	
Ethylbenzene	Toluene-d8 (IS)	12.978	12.984	22,339	
m-/p-Xylenes	Toluene-d8 (IS)	13.150	13.174	54,960	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	13,303	

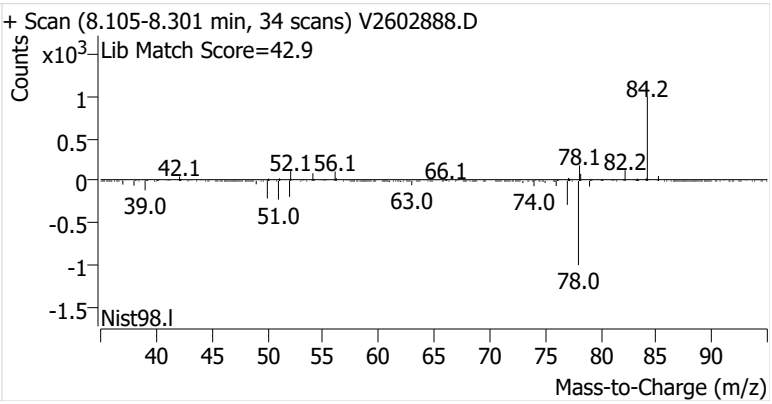
Benzene-d6 (IS)



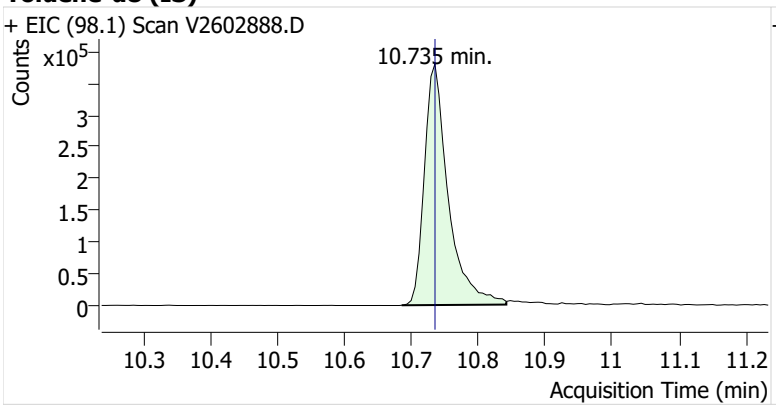


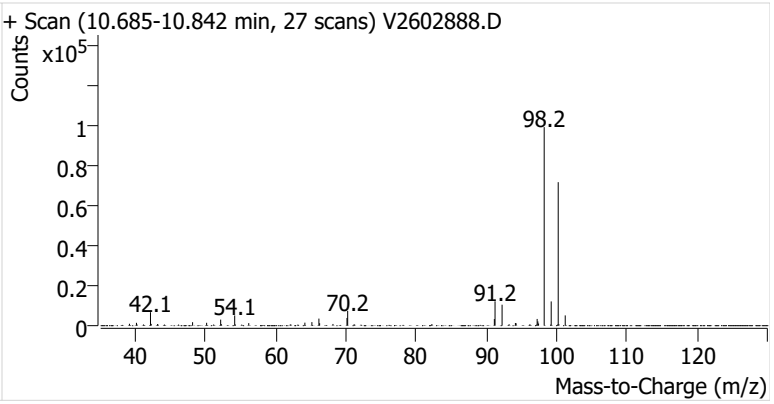
Benzene



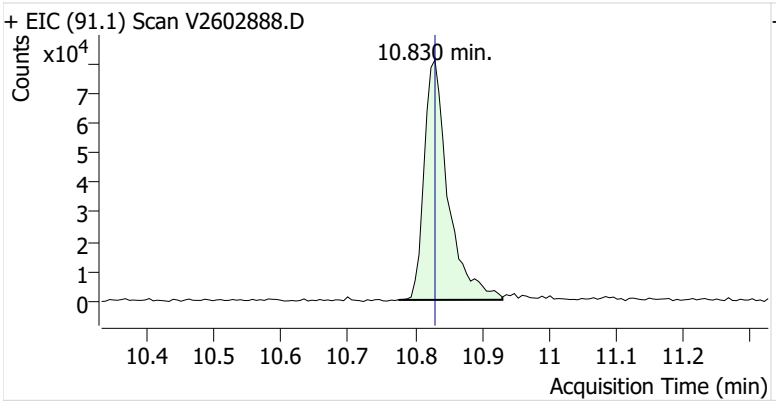


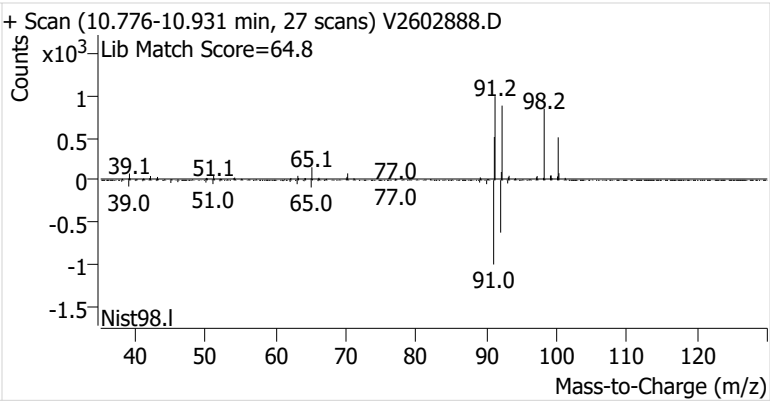
Toluene-d8 (IS)



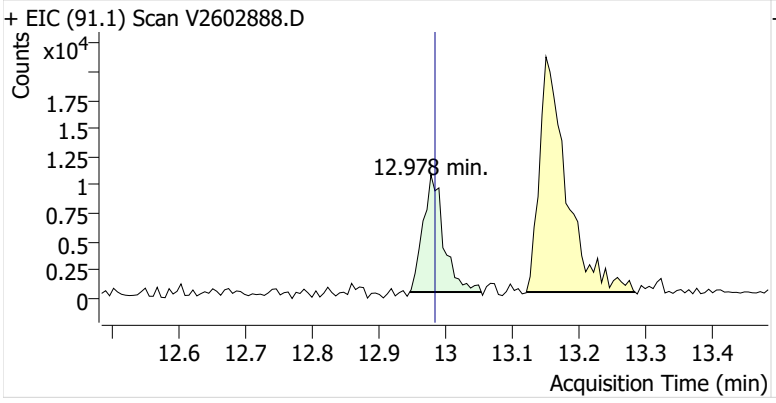


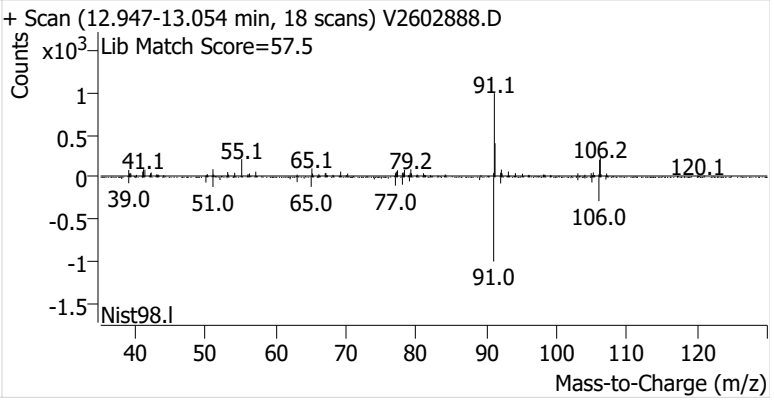
Toluene



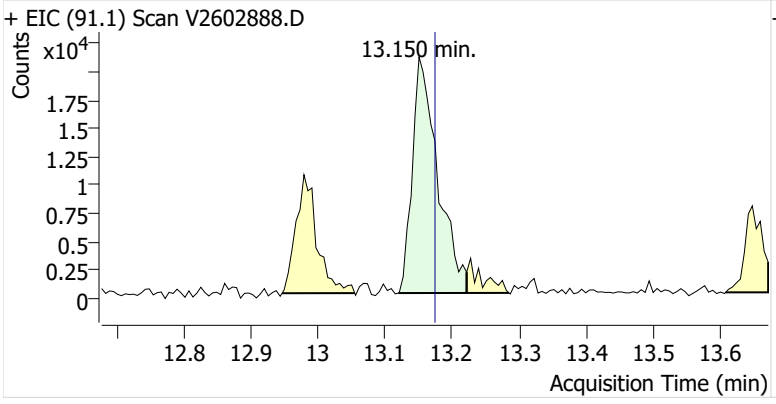


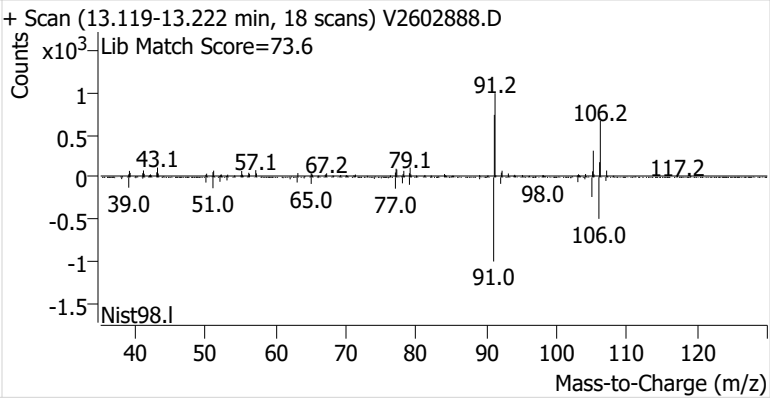
Ethylbenzene



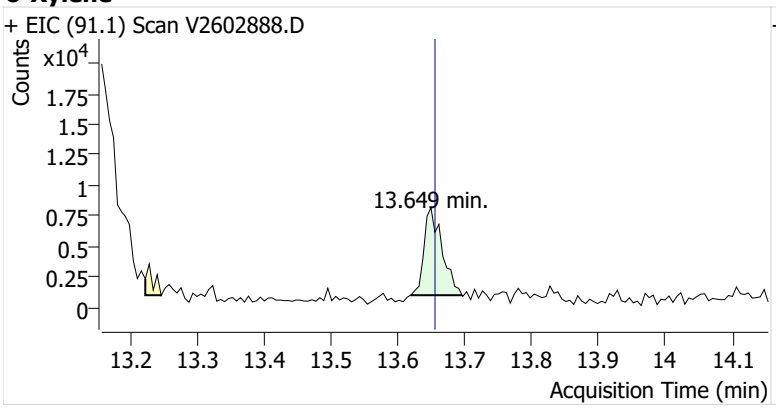


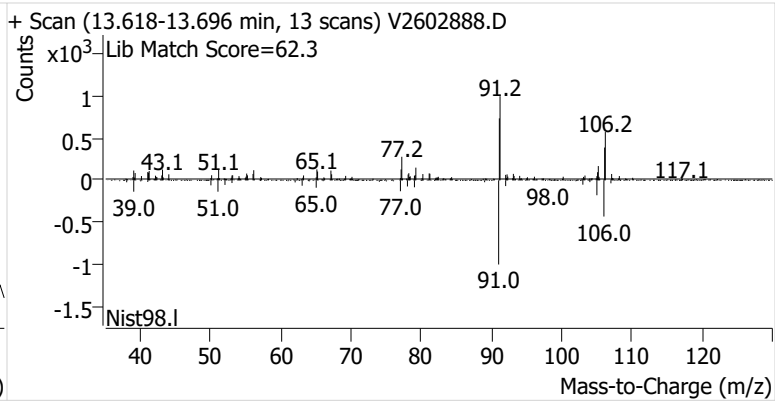
m-/p-Xylenes





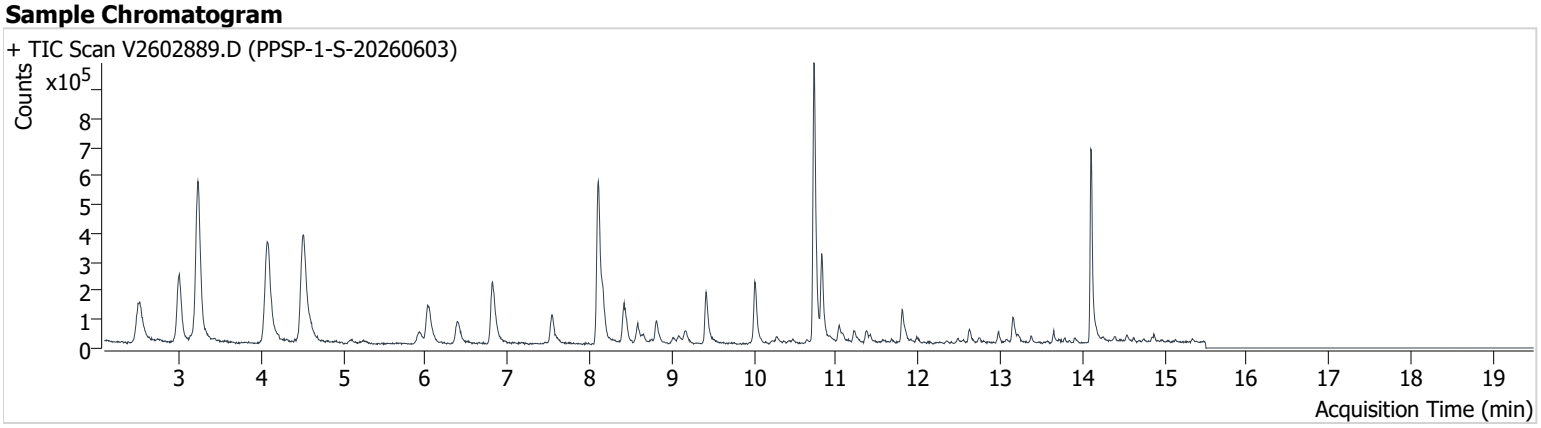
o-Xylene


+ EIC (91.1) Scan V2602888.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.649 min.
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.618-13.696 min, 13 scans) V2602888.D
Lib Match Score=62.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
43.1
51.1
65.1
77.2
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)

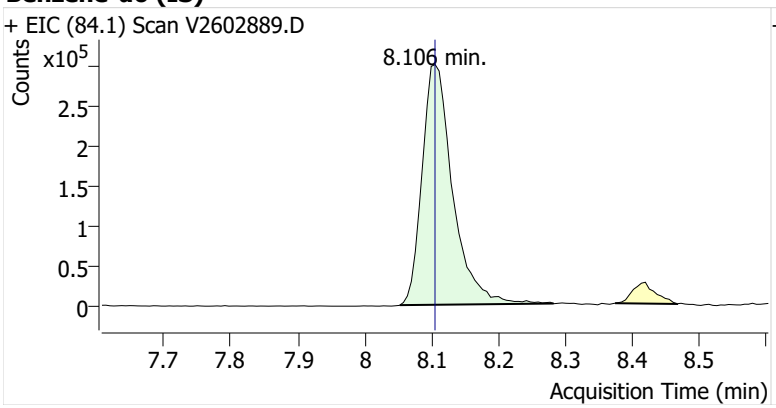
Name	PPSP-1-S-20260603
Comment	C00697; Recollect
Data File	V2602889.D
Acq. Date-Time	6/23/2026 5:49:58 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

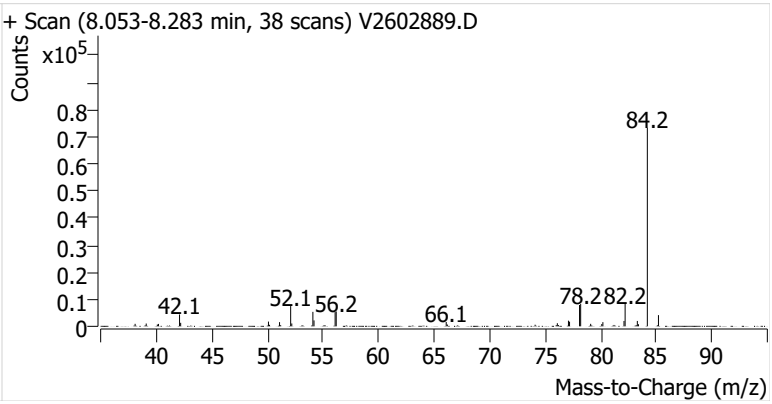
Sample Chromatogram



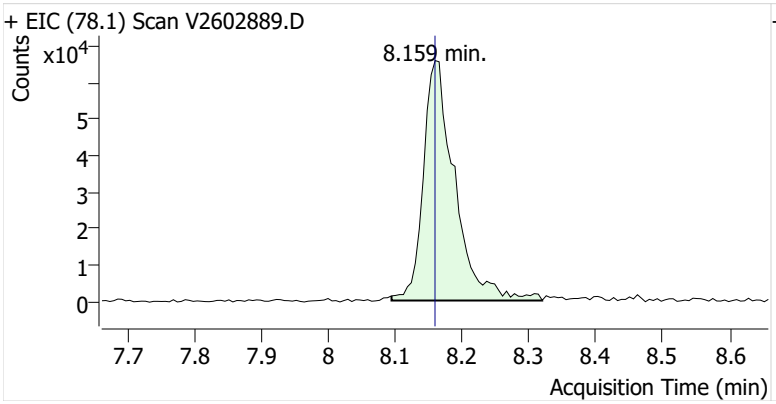
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.106	8.105	962,129	
Benzene	Benzene-d6 (IS)	8.159	8.159	214,463	
Toluene-d8 (IS)		10.729	10.735	962,461	
Toluene	Toluene-d8 (IS)	10.824	10.830	292,862	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	35,419	
m-/p-Xylenes	Toluene-d8 (IS)	13.157	13.174	88,340	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	31,005	

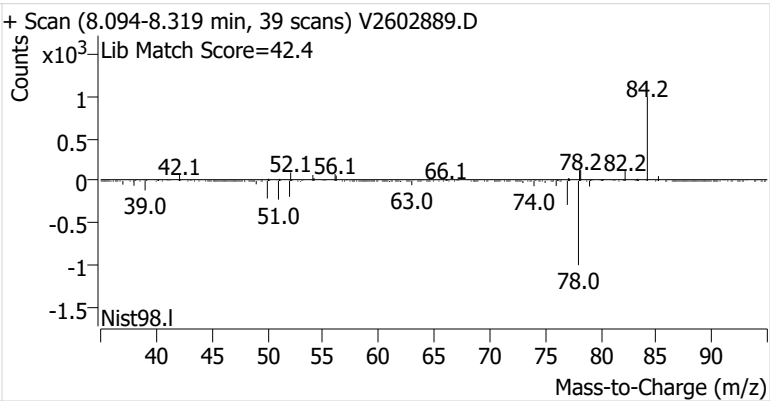
Benzene-d6 (IS)



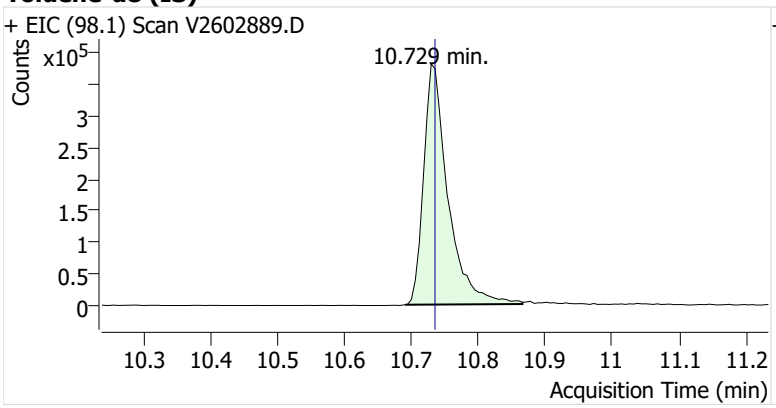


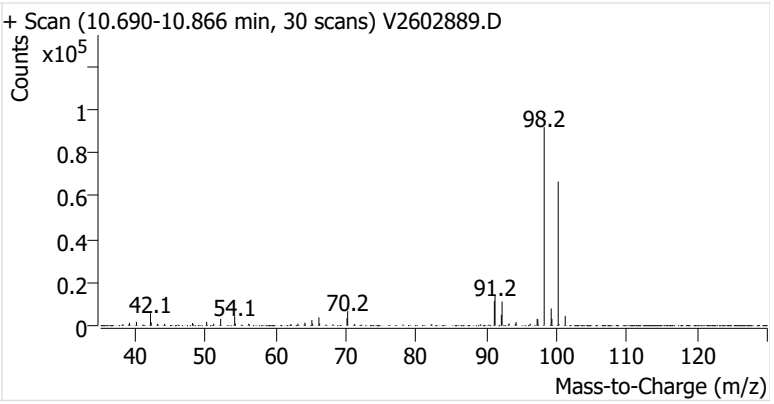
Benzene



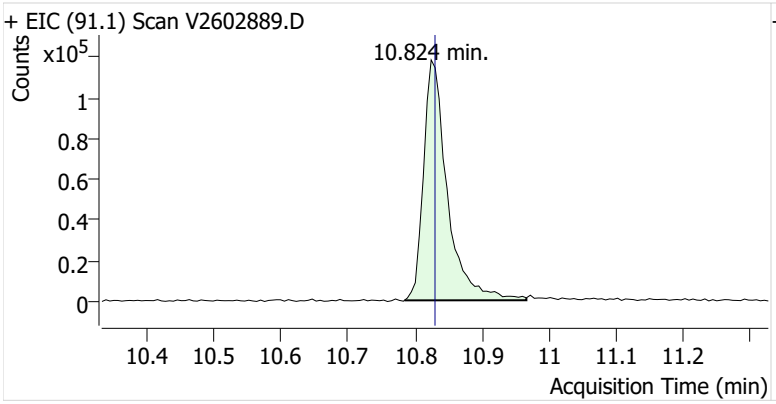


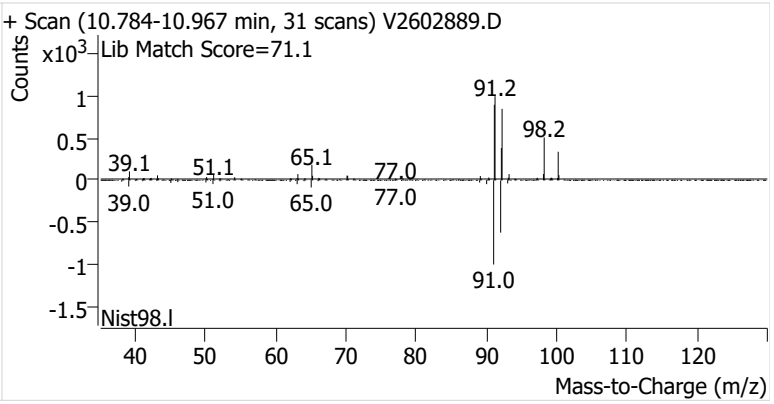
Toluene-d8 (IS)



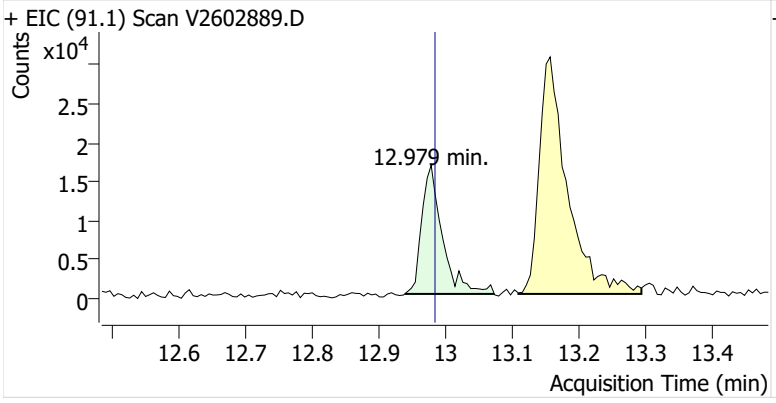


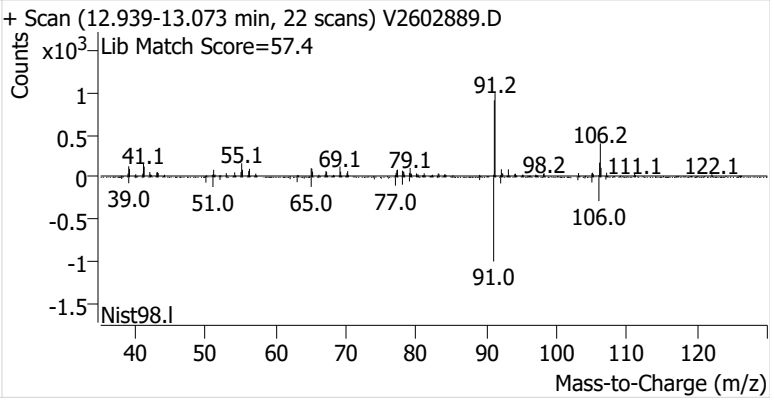
Toluene



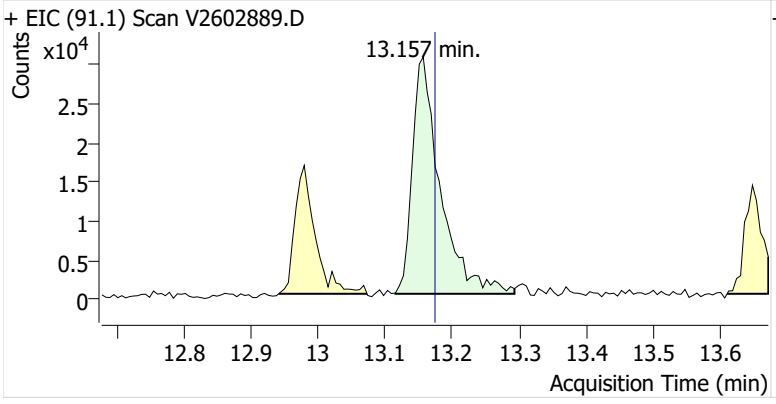


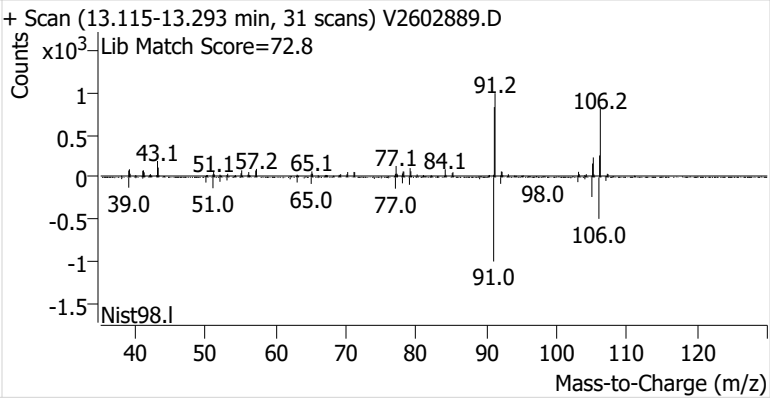
Ethylbenzene



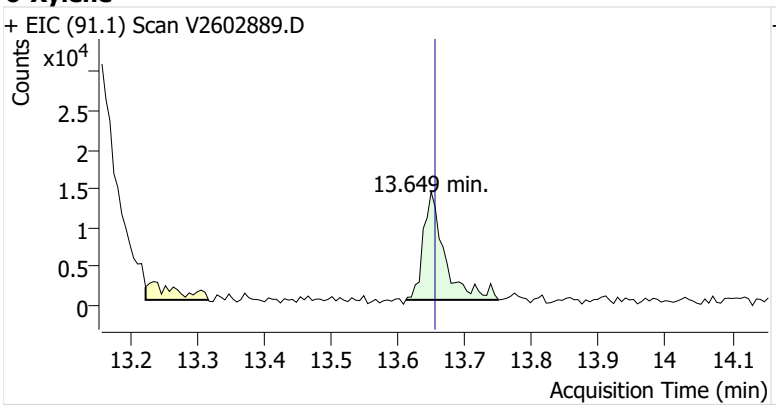


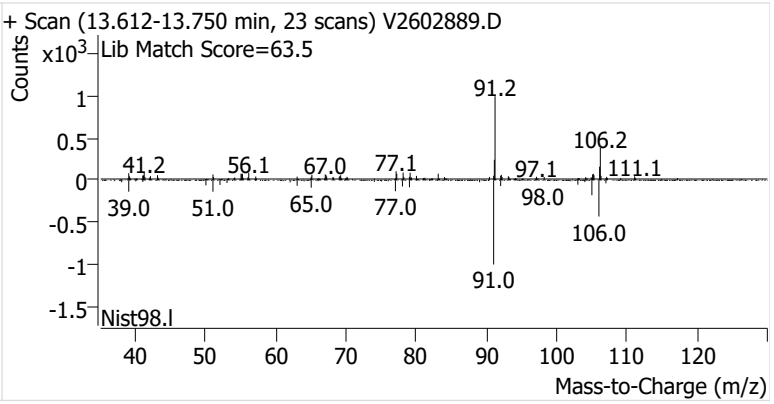
m-/p-Xylenes





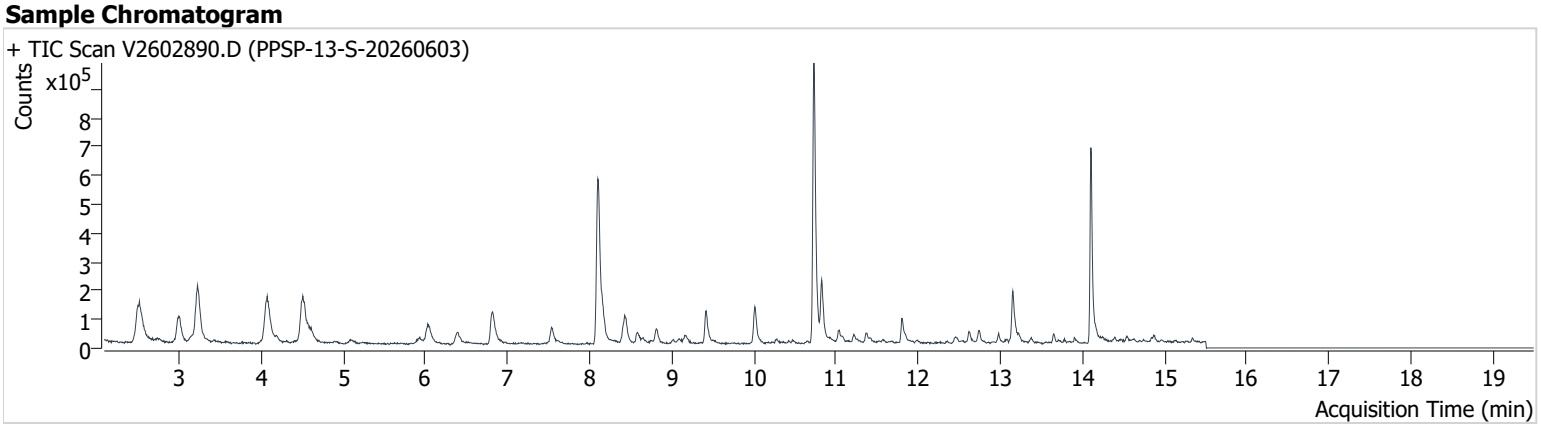
o-Xylene


+ EIC (91.1) Scan V2602889.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.649 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.612-13.750 min, 23 scans) V2602889.D
Lib Match Score=63.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.2
56.1
67.0
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)

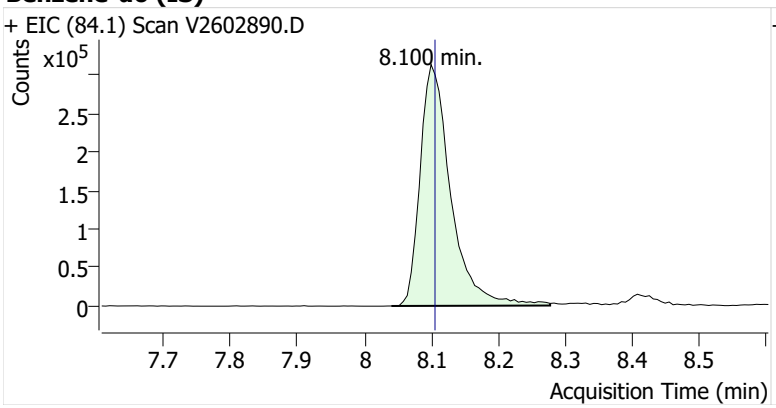
Name	PPSP-13-S-20260603
Comment	B46654; Recollect
Data File	V2602890.D
Acq. Date-Time	6/23/2026 6:27:16 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

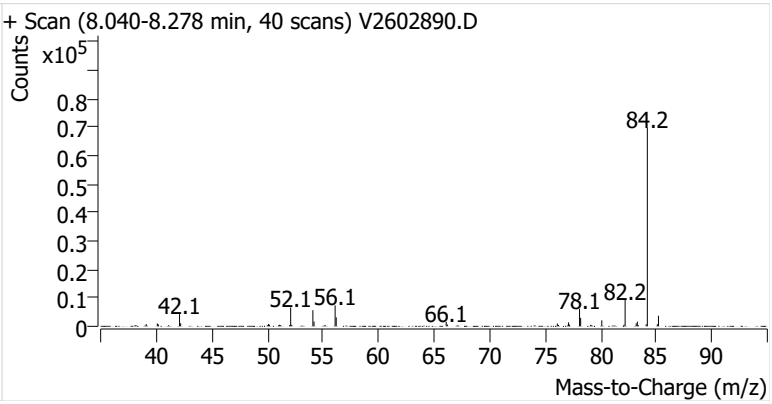
Sample Chromatogram



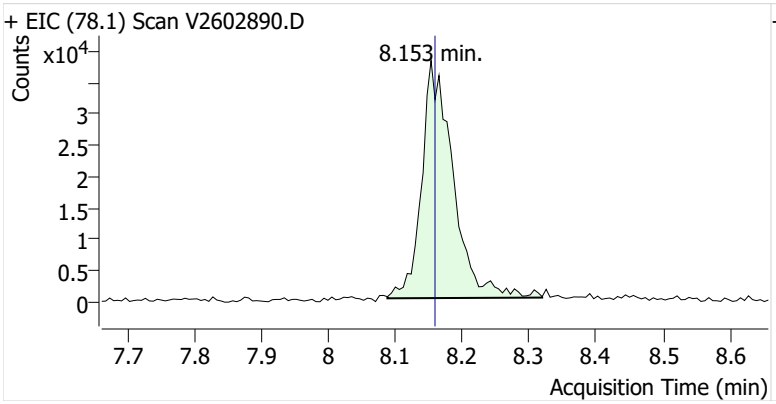
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.100	8.105	995,640	
Benzene	Benzene-d6 (IS)	8.153	8.159	123,949	
Toluene-d8 (IS)		10.729	10.735	951,145	
Toluene	Toluene-d8 (IS)	10.824	10.830	199,582	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	23,351	
m-/p-Xylenes	Toluene-d8 (IS)	13.157	13.174	162,958	
o-Xylene	Toluene-d8 (IS)	13.643	13.655	21,730	

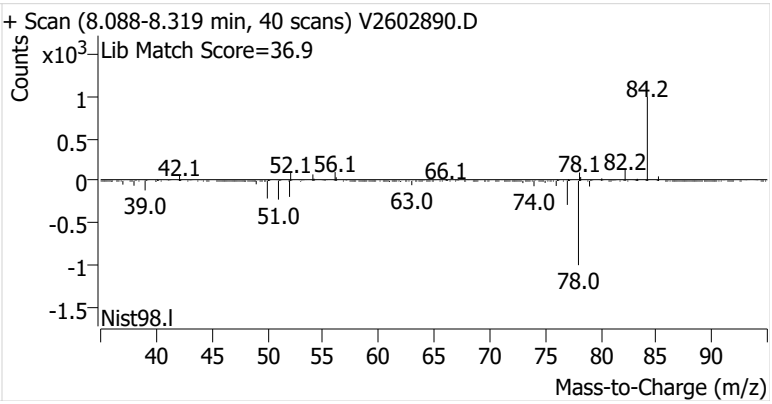
Benzene-d6 (IS)



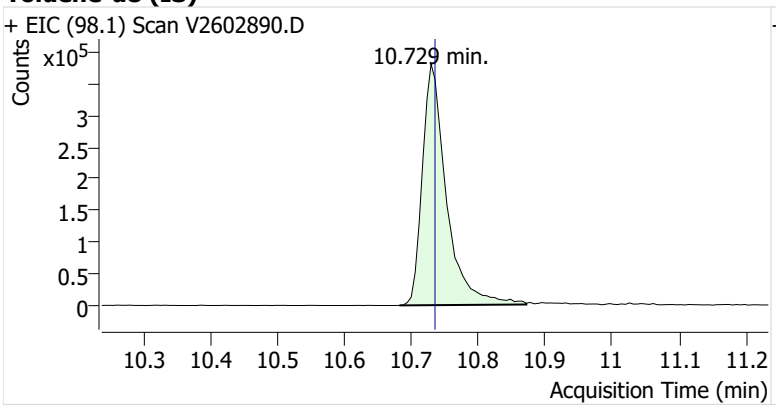


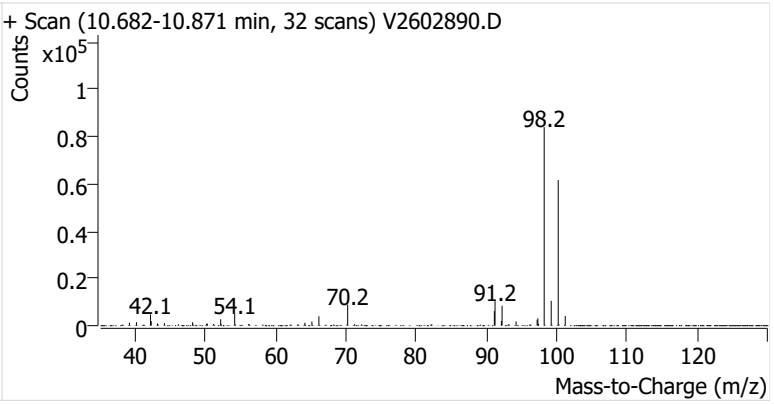
Benzene



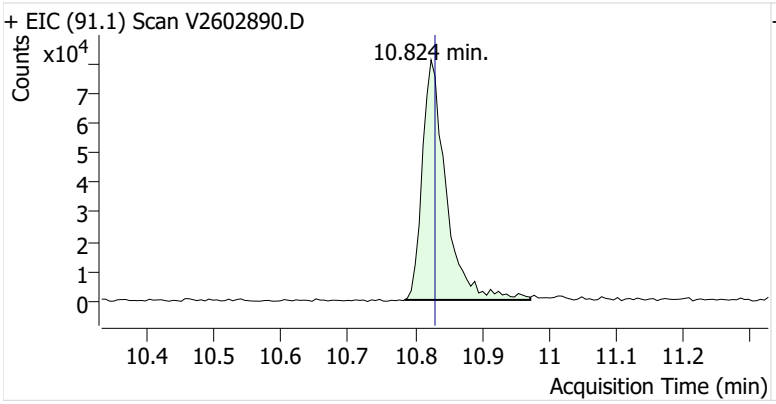


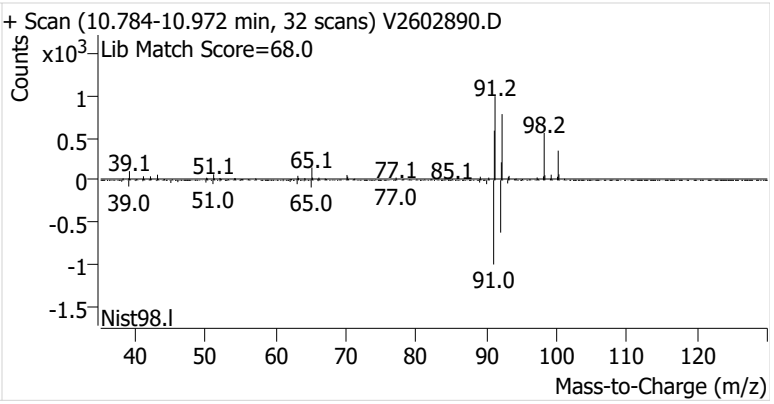
Toluene-d8 (IS)



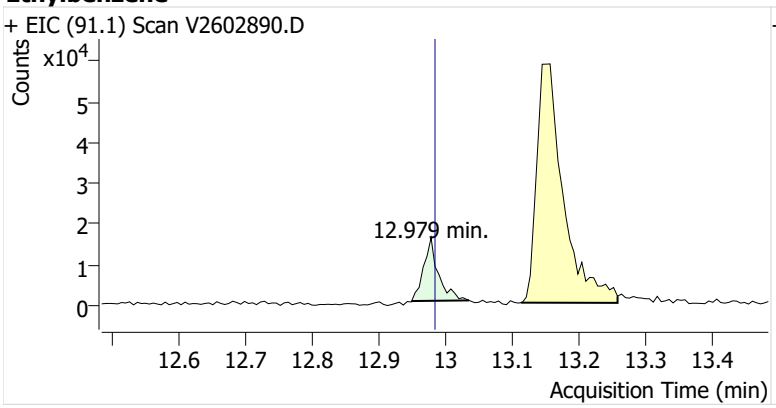


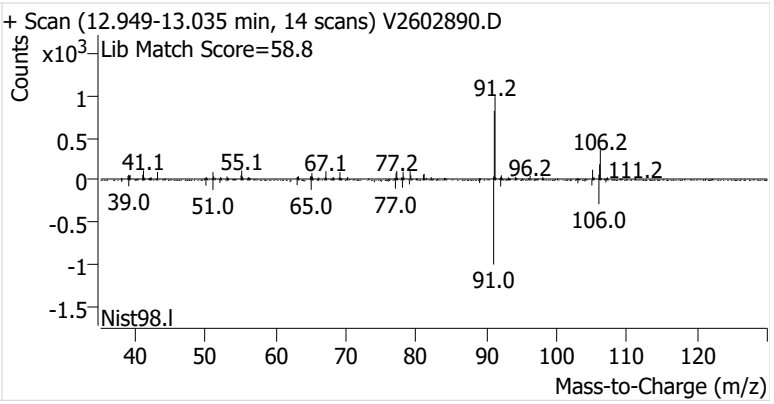
Toluene



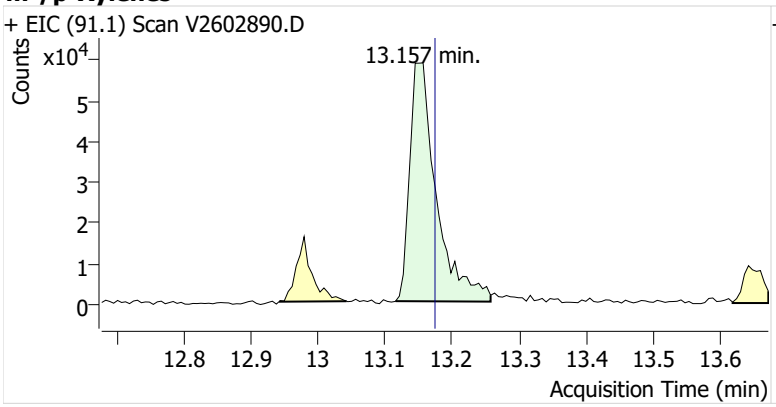


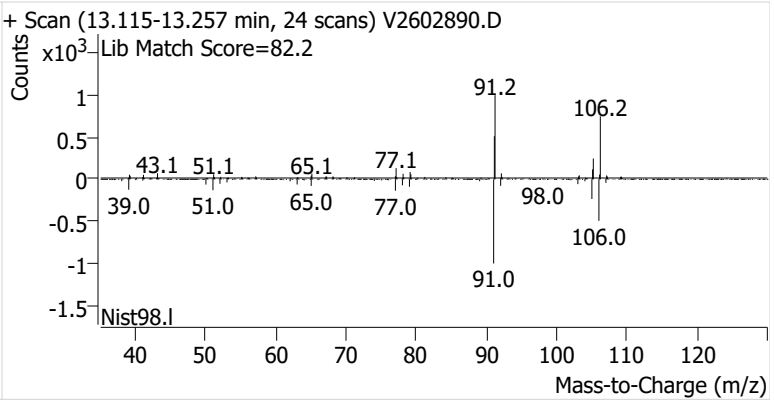
Ethylbenzene



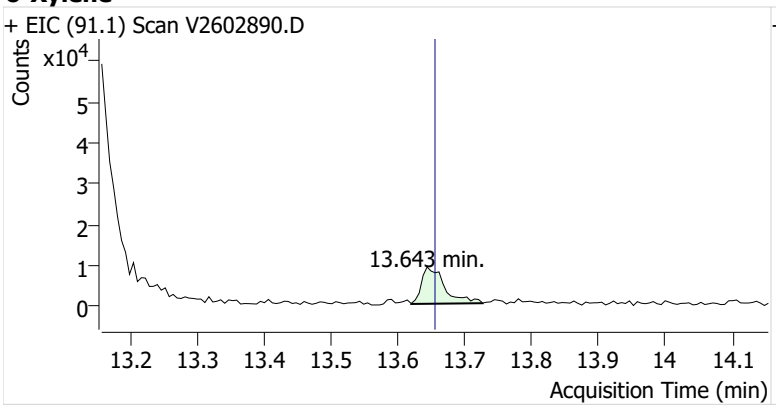


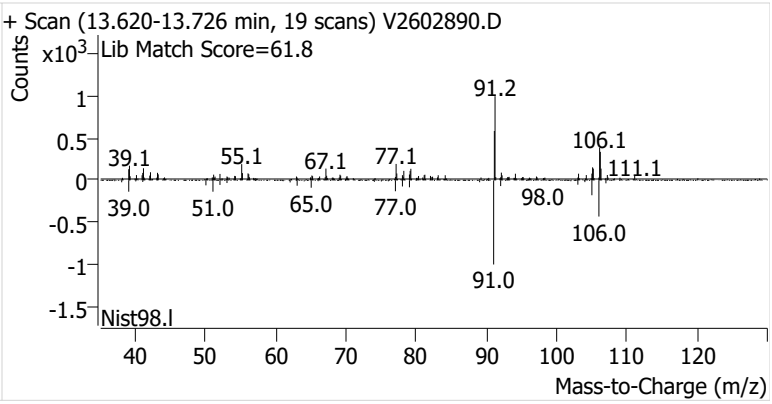
m-/p-Xylenes





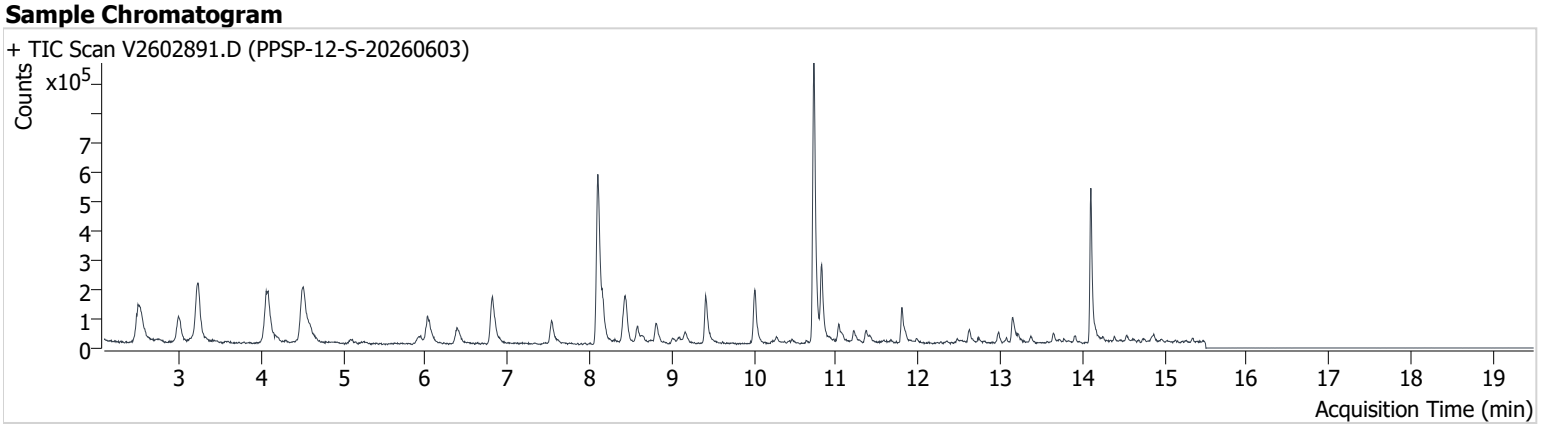
o-Xylene


+ EIC (91.1) Scan V2602890.D
Counts
x10^4
5
4
3
2
1
0
13.643 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.620-13.726 min, 19 scans) V2602890.D
Counts
x10^3
Lib Match Score=61.8
1
0.5
0
-0.5
-1
-1.5
91.2
106.1
111.1
39.1
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)

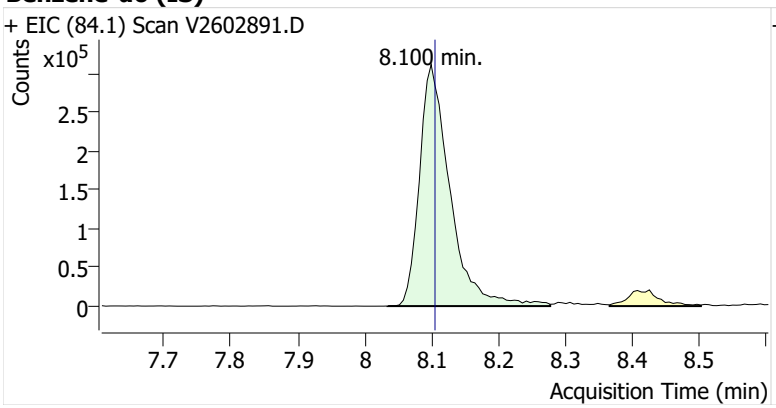
Name	PPSP-12-S-20260603
Comment	B46314; Recollect
Data File	V2602891.D
Acq. Date-Time	6/23/2026 7:04:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

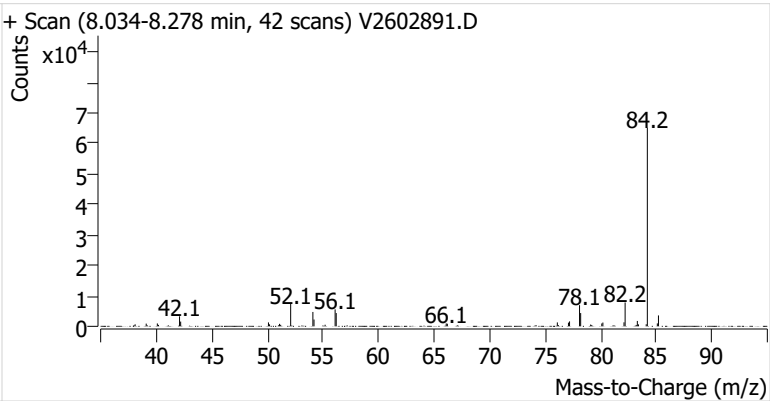
Sample Chromatogram



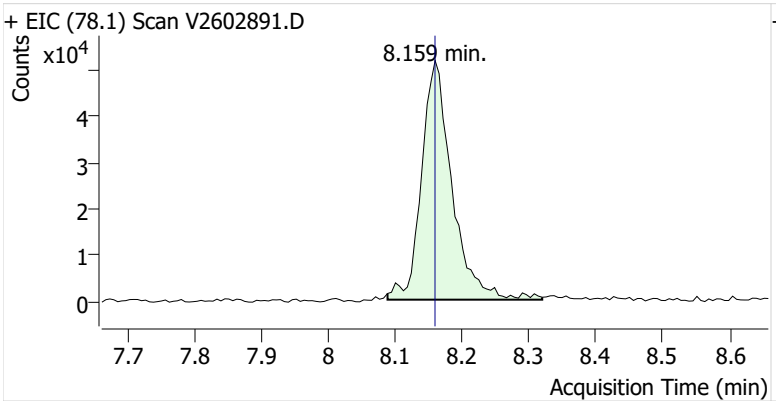
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.100	8.105	983,972	
Benzene	Benzene-d6 (IS)	8.159	8.159	163,223	
Toluene-d8 (IS)		10.735	10.735	943,461	
Toluene	Toluene-d8 (IS)	10.824	10.830	249,030	
Ethylbenzene	Toluene-d8 (IS)	12.979	12.984	34,282	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	96,796	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	27,560	

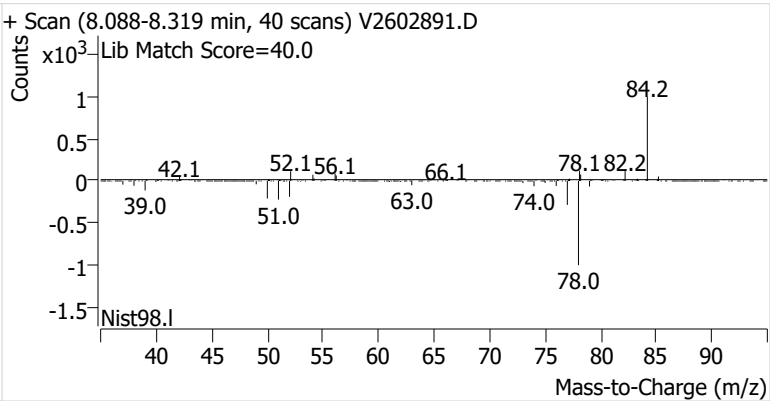
Benzene-d6 (IS)



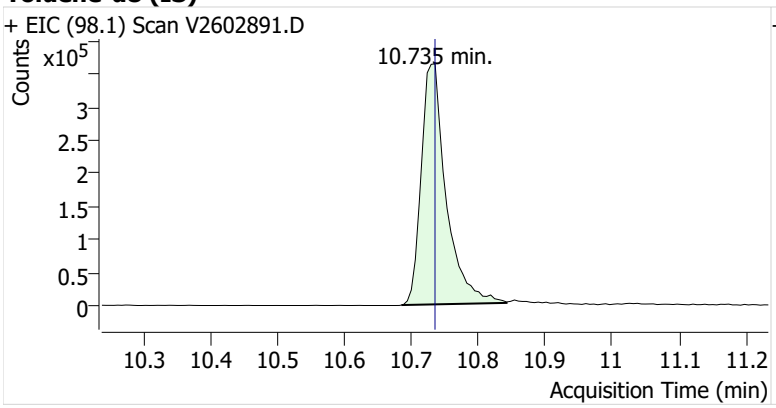


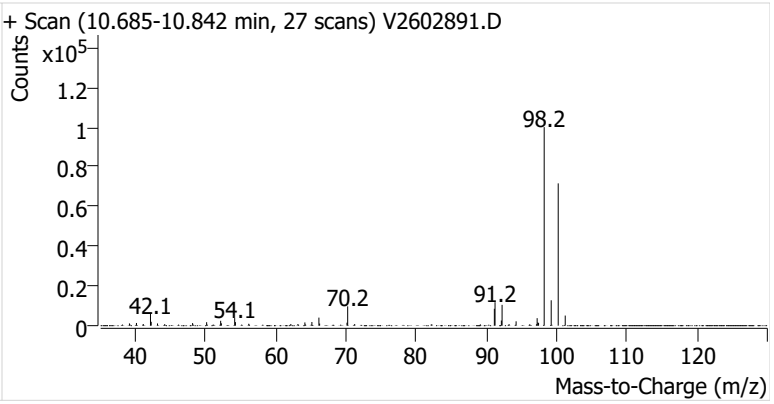
Benzene



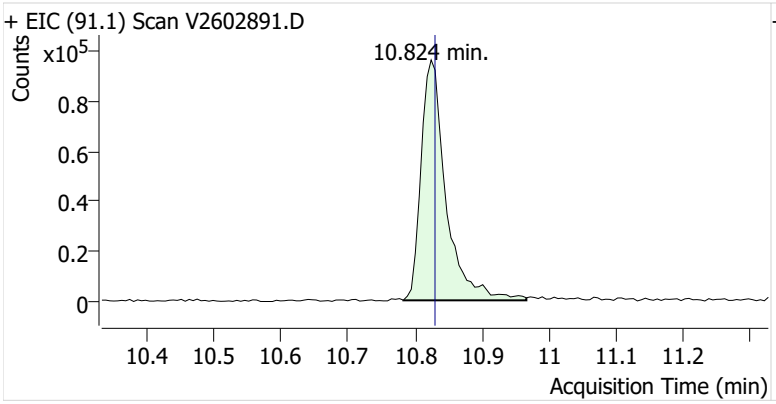


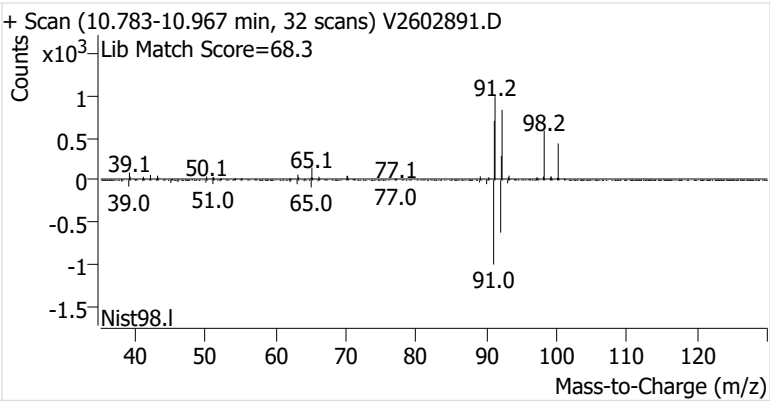
Toluene-d8 (IS)



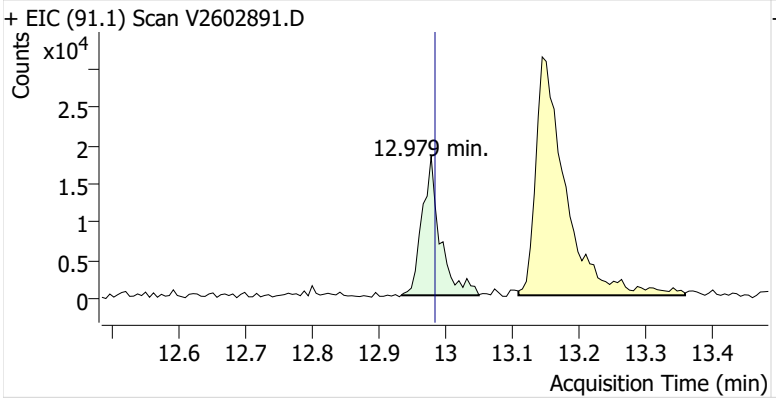


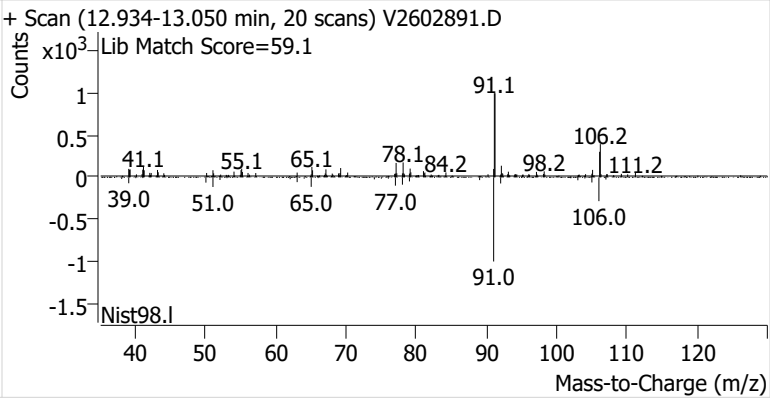
Toluene



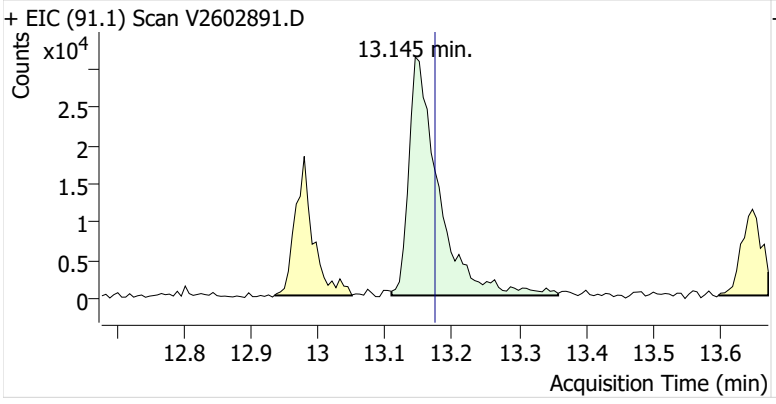


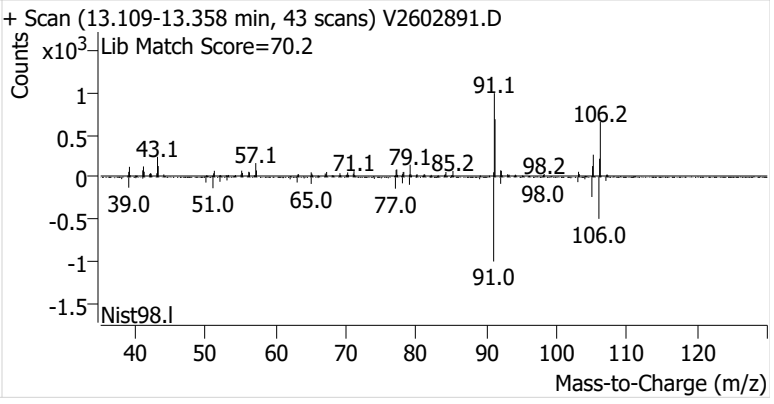
Ethylbenzene



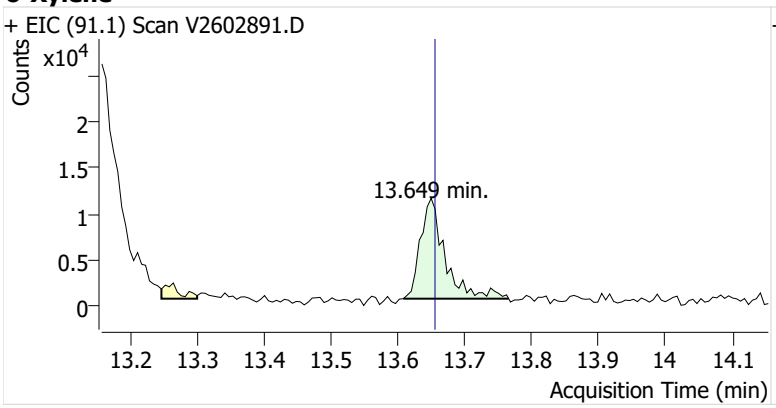


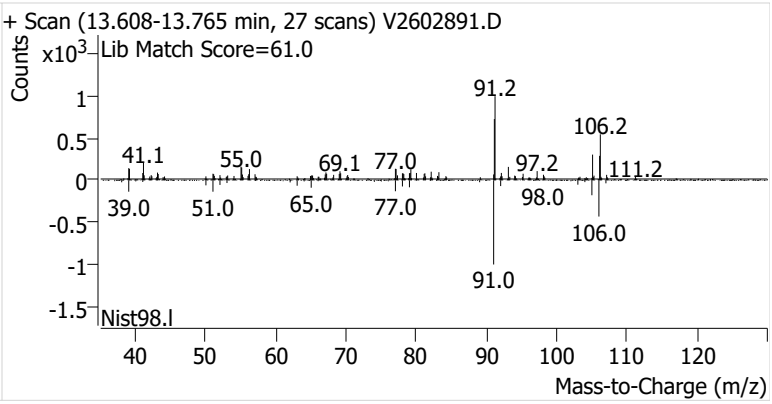
m-/p-Xylenes





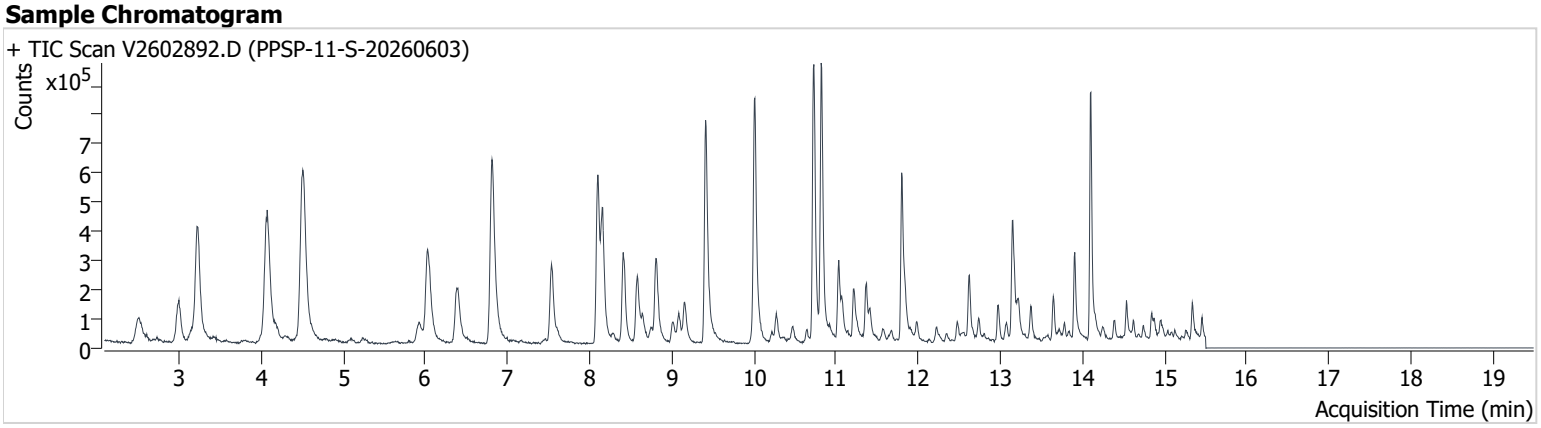
o-Xylene


+ EIC (91.1) Scan V2602891.D
Counts
x10^4
2
1.5
1
0.5
0
13.649 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.608-13.765 min, 27 scans) V2602891.D
Lib Match Score=61.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.1
55.0
69.1
77.0
97.2
111.2
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)

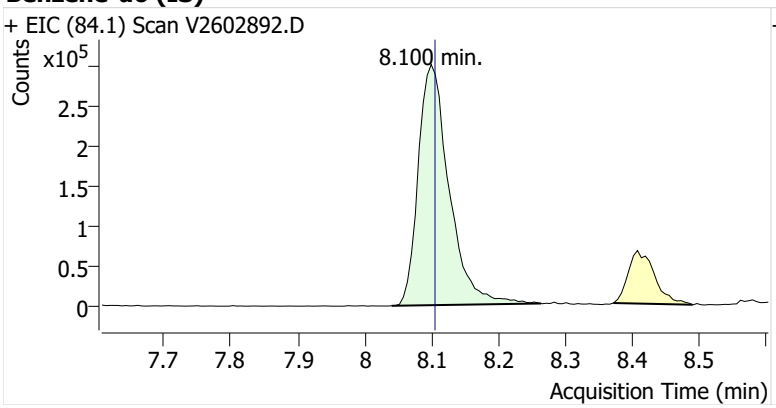
Name	PPSP-11-S-20260603
Comment	C71719; Recollect
Data File	V2602892.D
Acq. Date-Time	6/23/2026 7:41:56 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

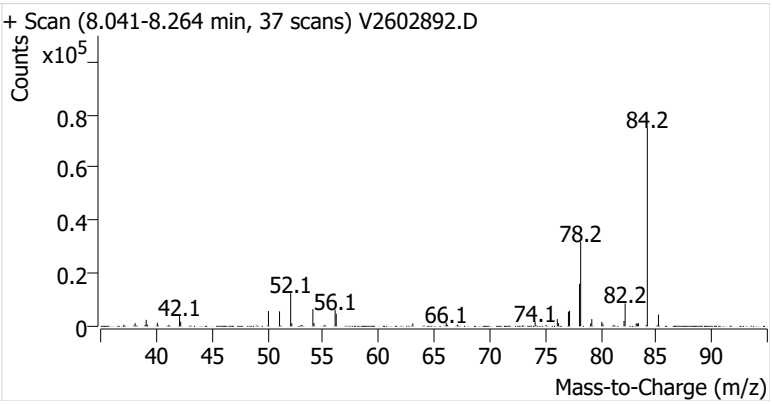
Sample Chromatogram



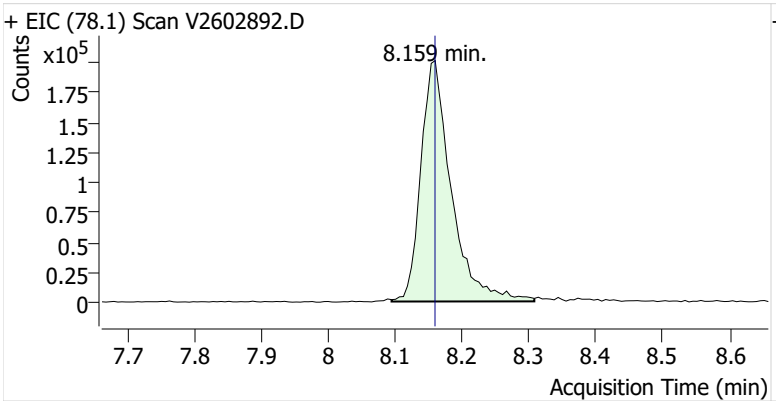
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.100	8.105	970,320	
Benzene	Benzene-d6 (IS)	8.159	8.159	637,111	
Toluene-d8 (IS)		10.723	10.735	992,304	
Toluene	Toluene-d8 (IS)	10.818	10.830	1,019,891	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.984	106,340	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	407,666	
o-Xylene	Toluene-d8 (IS)	13.649	13.655	126,350	

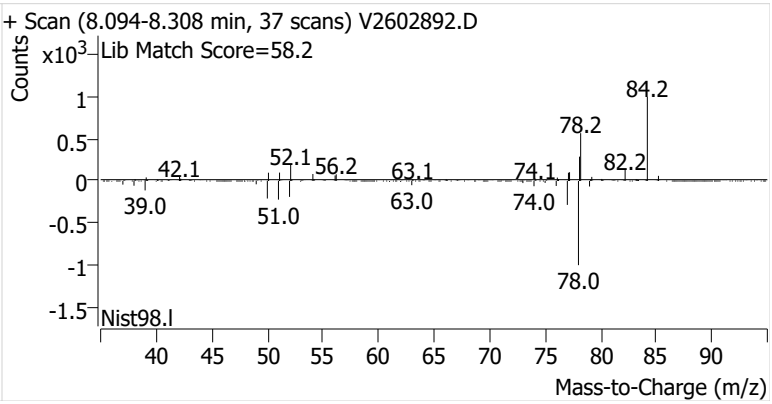
Benzene-d6 (IS)



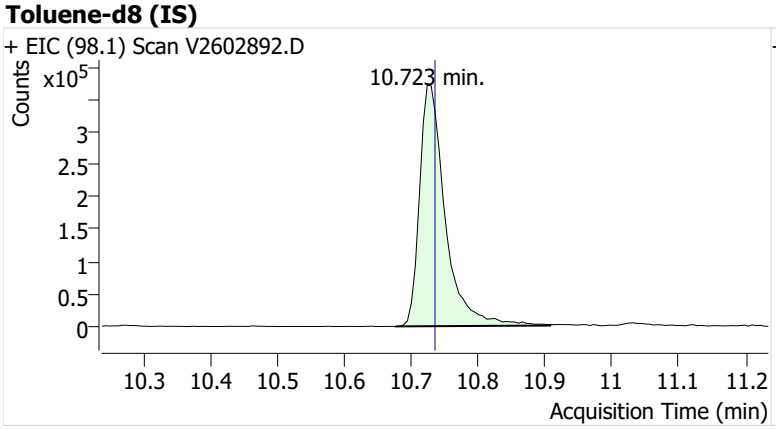


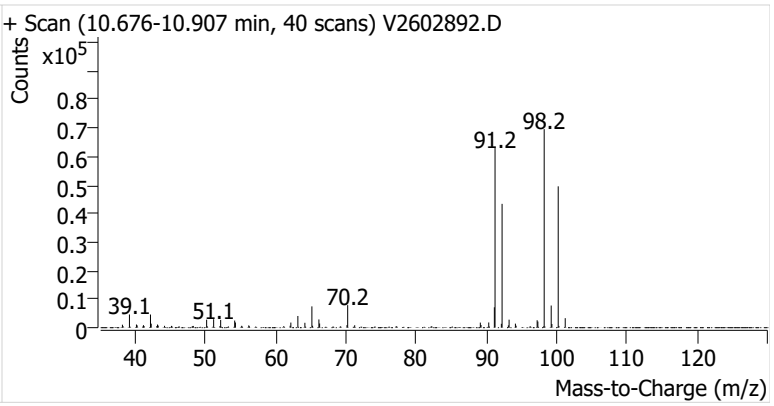
Benzene



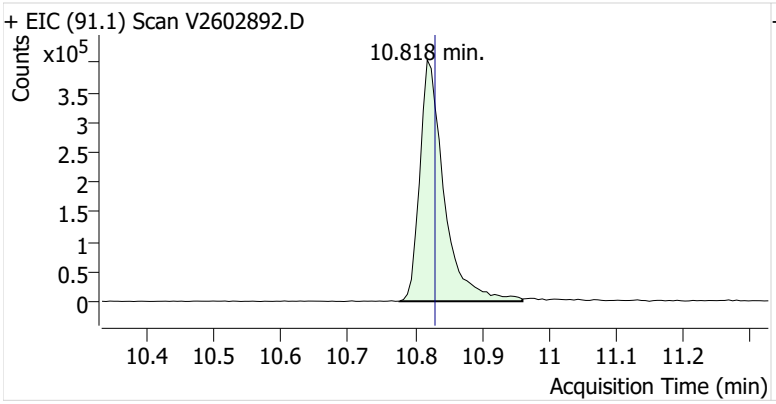


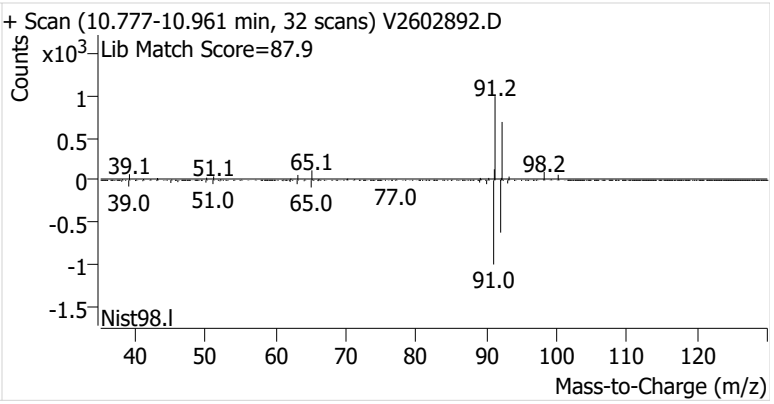
Toluene-d8 (IS)



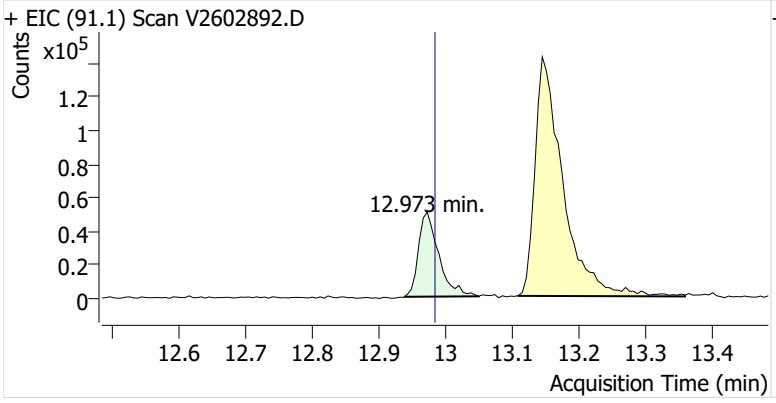


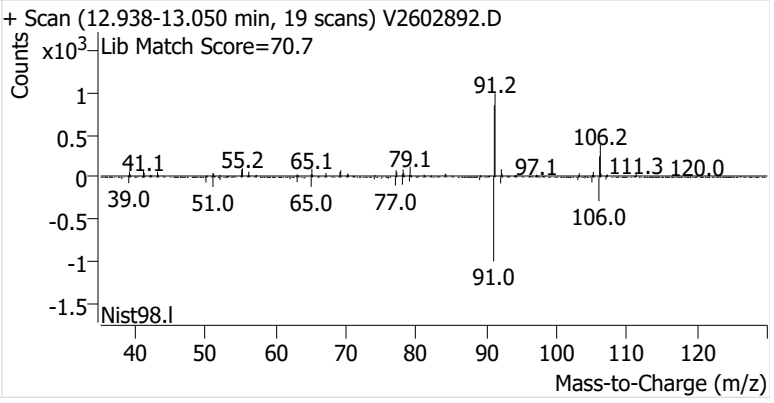
Toluene



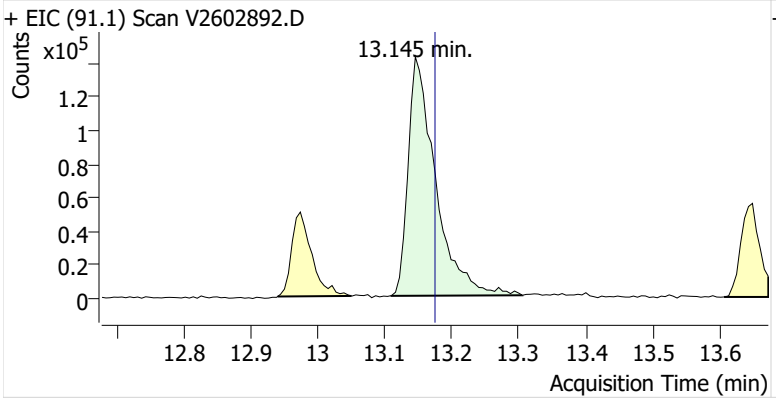


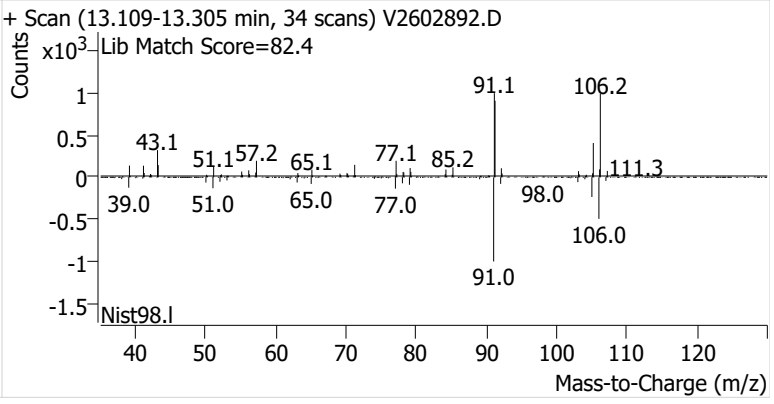
Ethylbenzene



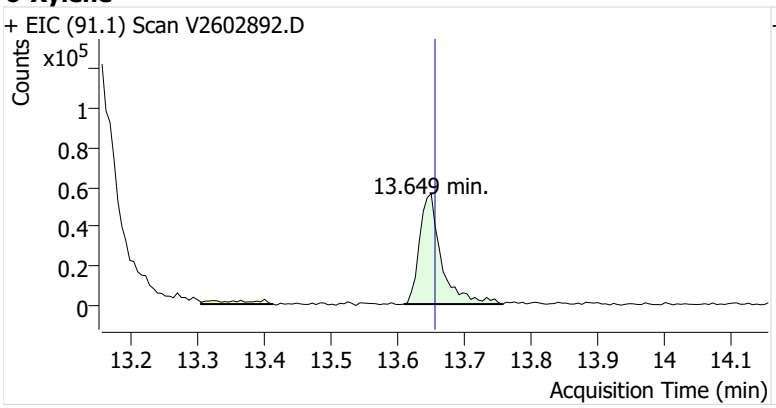


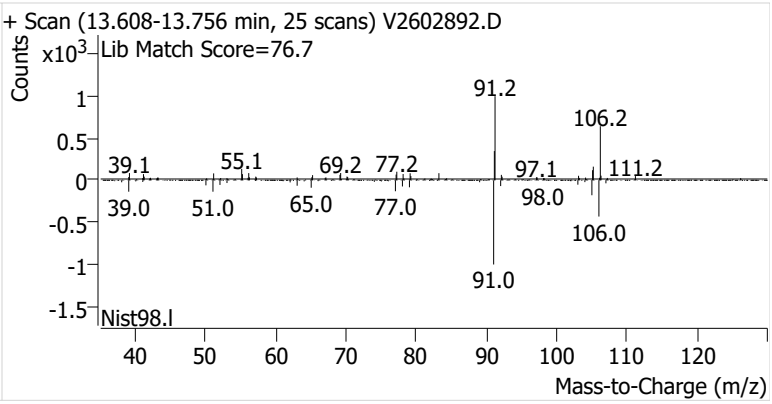
m-/p-Xylenes





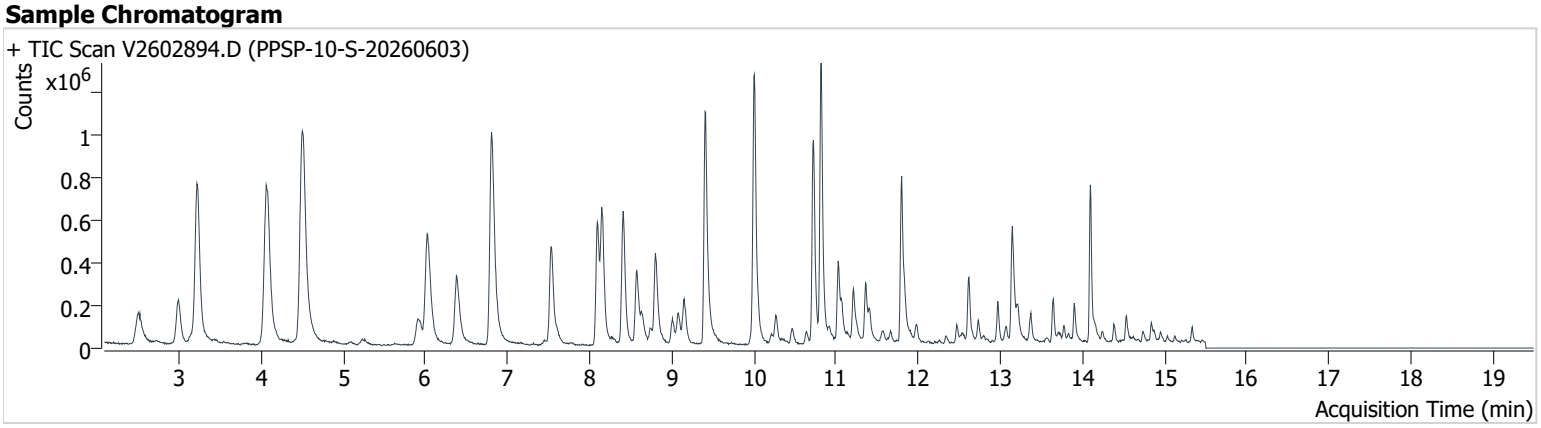
o-Xylene


+ EIC (91.1) Scan V2602892.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.649 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.608-13.756 min, 25 scans) V2602892.D
Counts
x10^3
Lib Match Score=76.7
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
39.1
55.1
69.2
77.2
97.1
111.2
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)

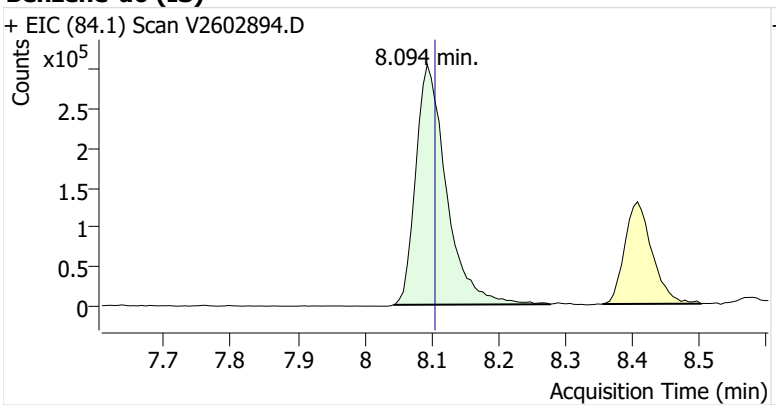
Name	PPSP-10-S-20260603
Comment	B42300; Recollect
Data File	V2602894.D
Acq. Date-Time	6/23/2026 9:24:33 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

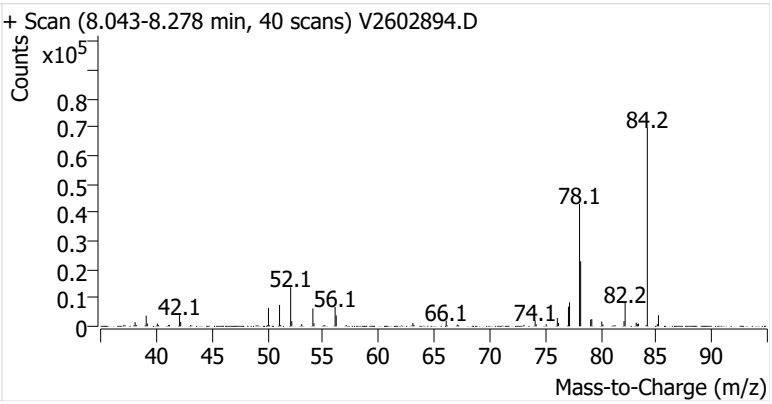
Sample Chromatogram



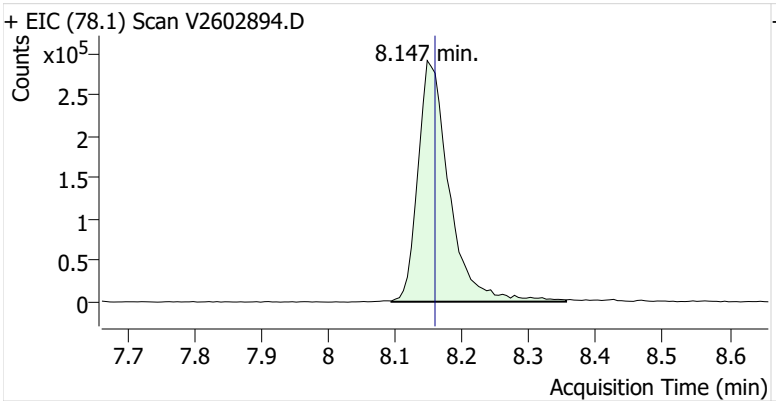
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.094	8.105	971,522	
Benzene	Benzene-d6 (IS)	8.147	8.159	945,934	
Toluene-d8 (IS)		10.717	10.735	996,449	
Toluene	Toluene-d8 (IS)	10.818	10.830	1,416,638	
Ethylbenzene	Toluene-d8 (IS)	12.967	12.984	163,516	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	554,938	
o-Xylene	Toluene-d8 (IS)	13.643	13.655	175,012	

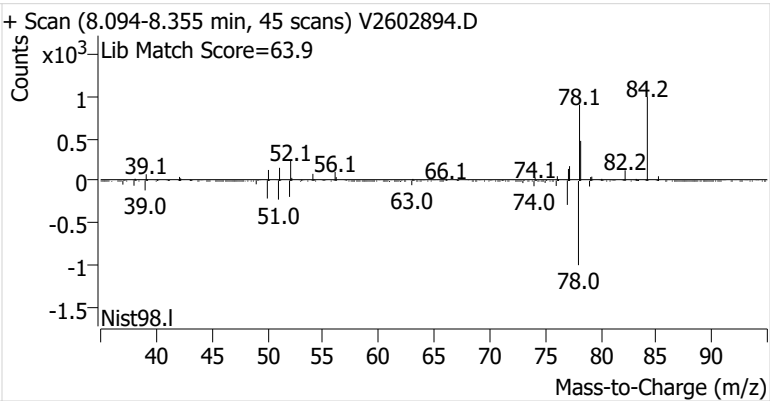
Benzene-d6 (IS)



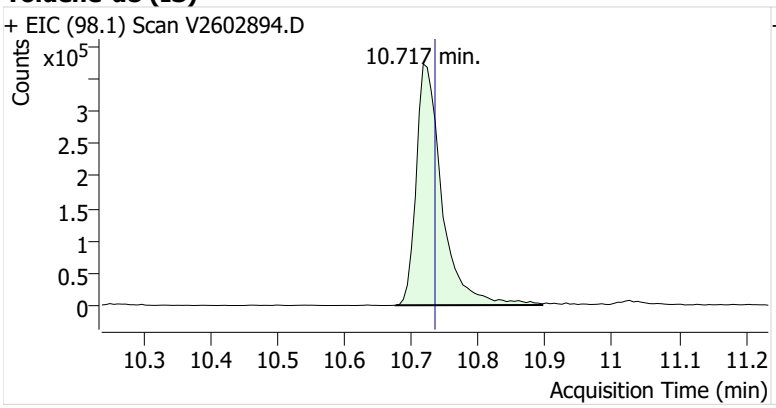


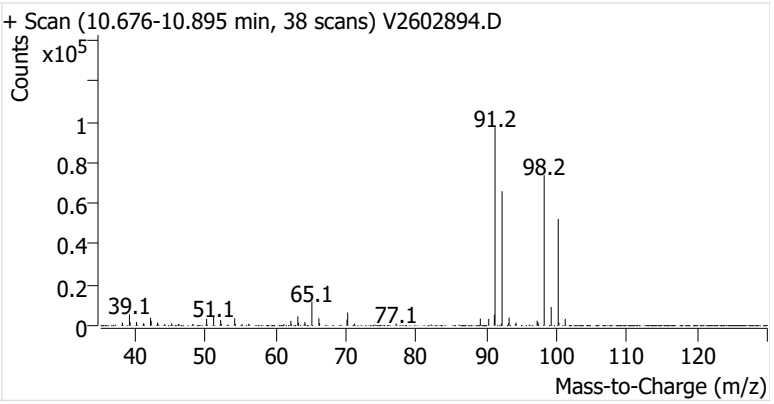
Benzene



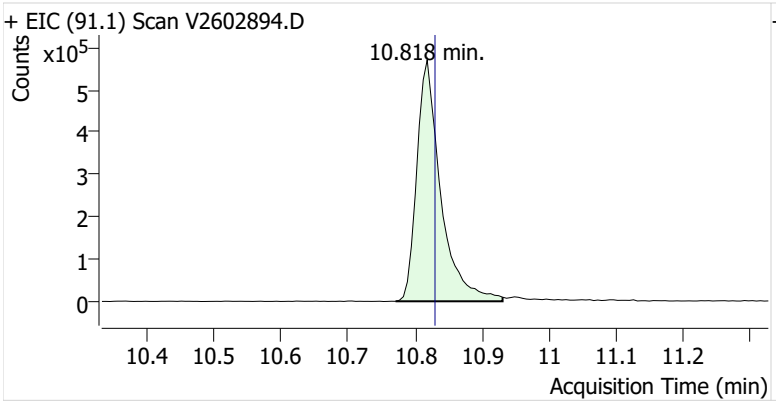


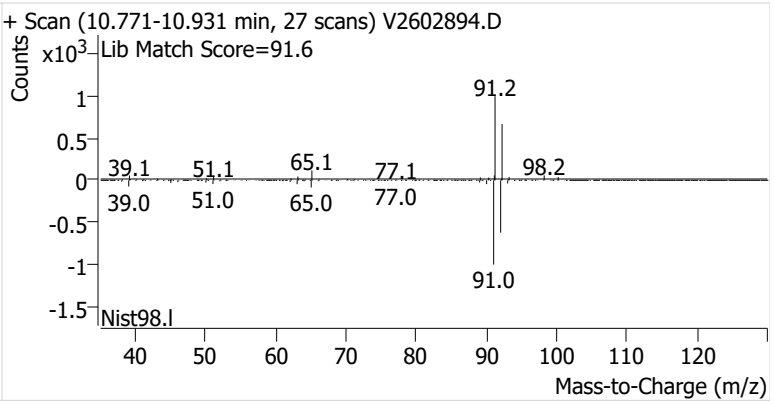
Toluene-d8 (IS)



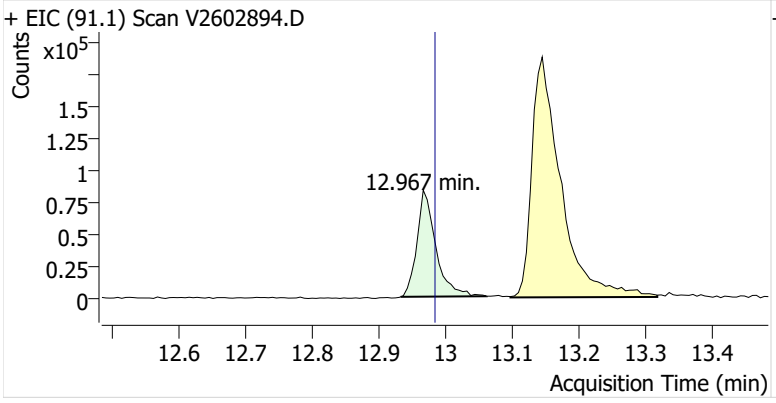


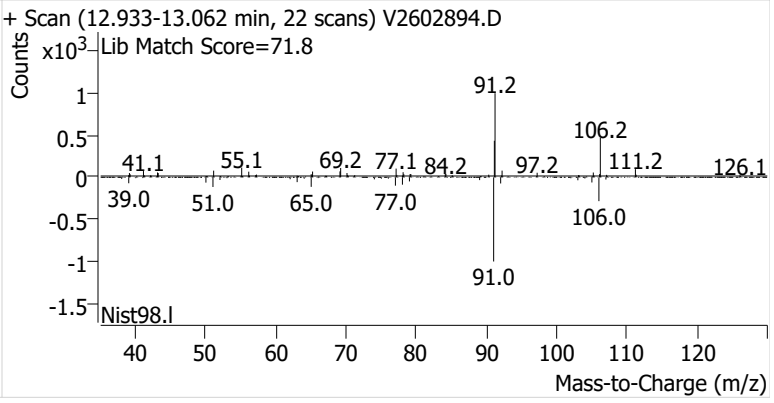
Toluene



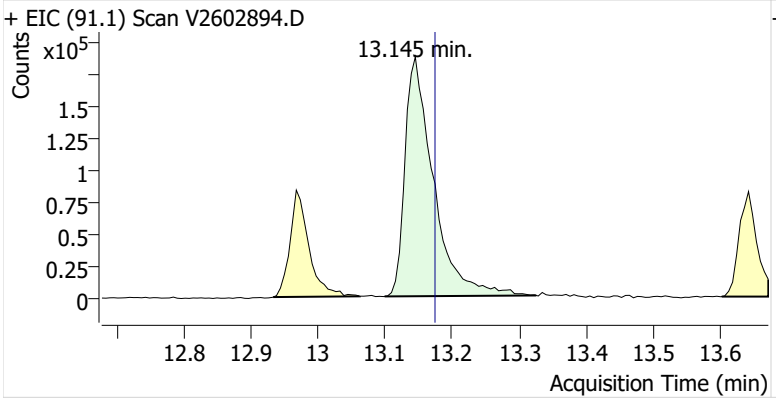


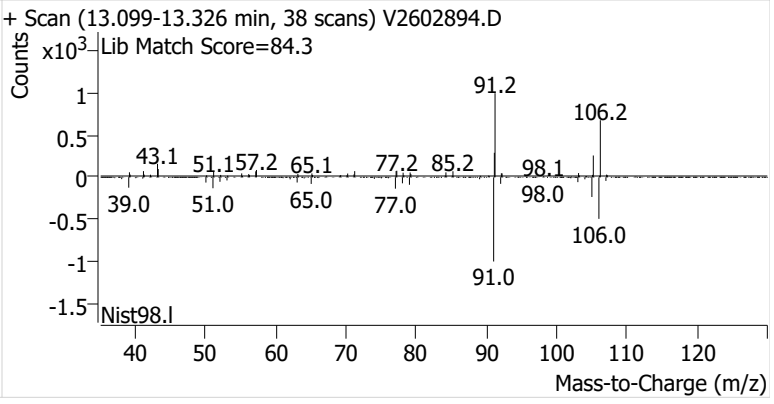
Ethylbenzene



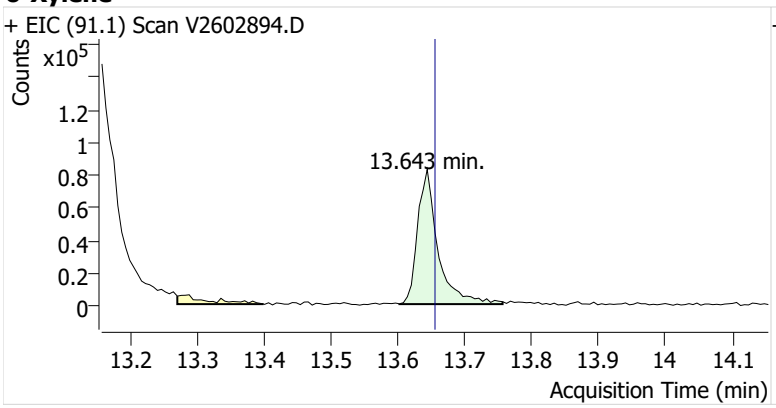


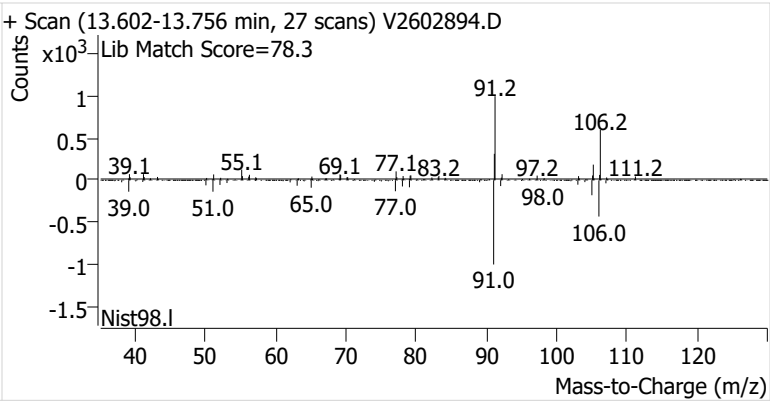
m-/p-Xylenes





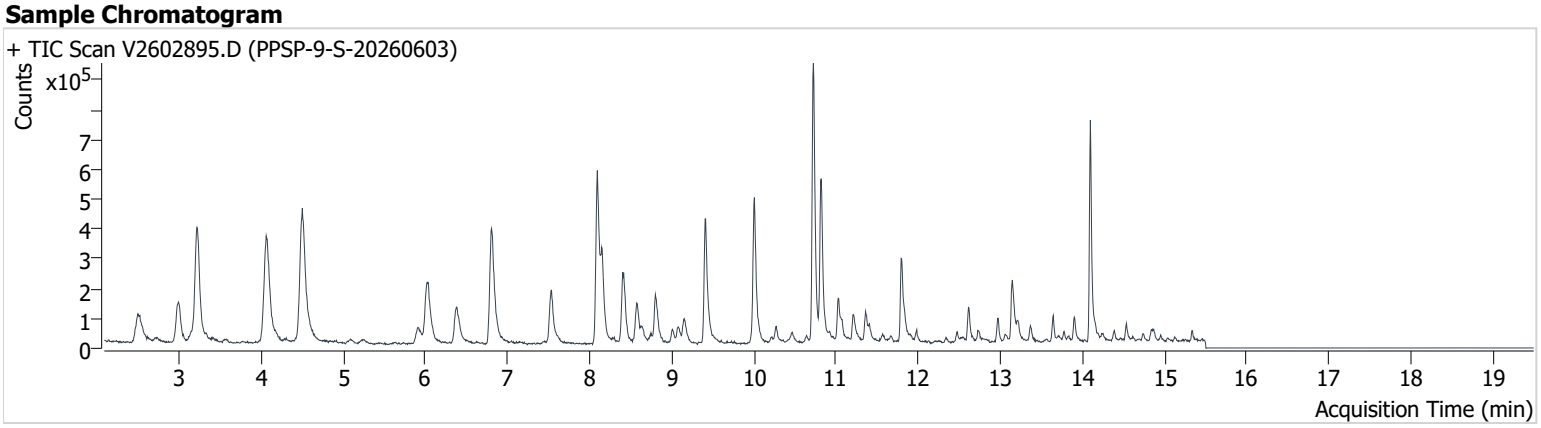
o-Xylene


+ EIC (91.1) Scan V2602894.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.643 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.602-13.756 min, 27 scans) V2602894.D
Lib Match Score=78.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
39.1
55.1
69.1
77.1
83.2
97.2
111.2
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)

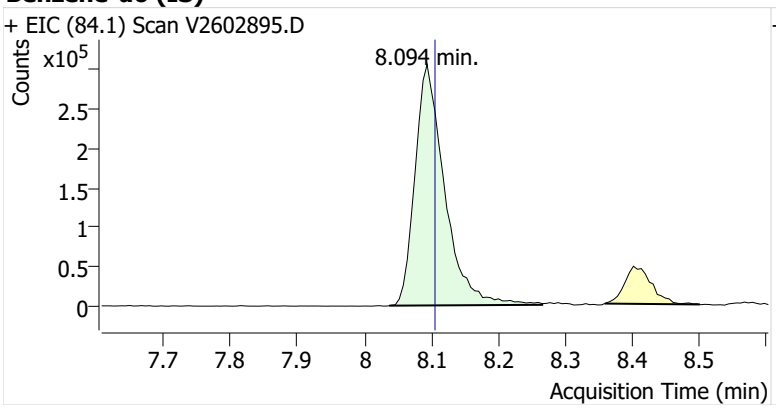
Name	PPSP-9-S-20260603
Comment	B14923; Recollect
Data File	V2602895.D
Acq. Date-Time	6/23/2026 10:01:55 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

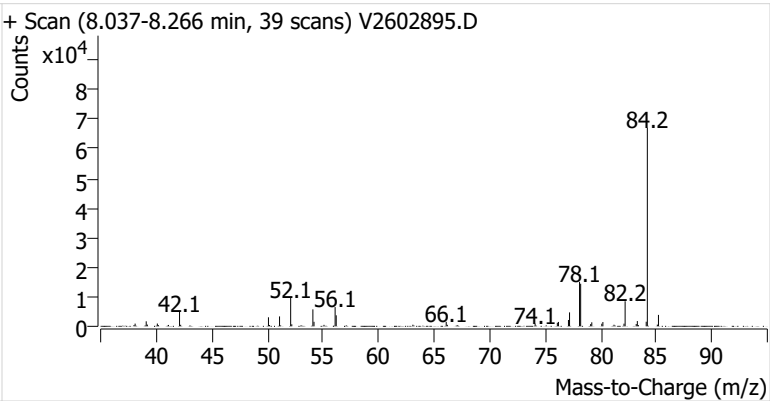
Sample Chromatogram



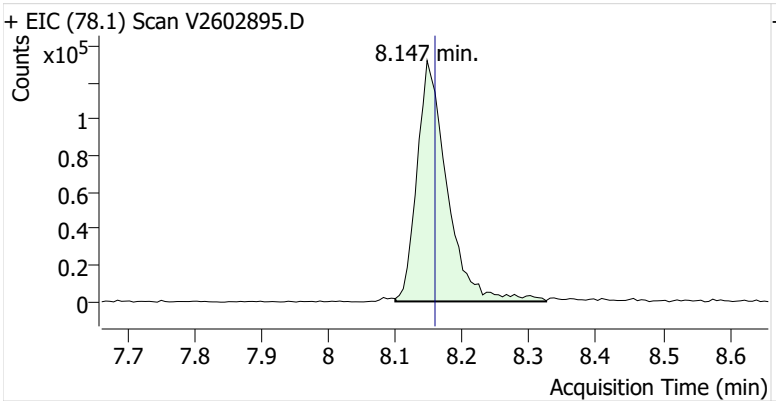
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.094	8.105	939,204	
Benzene	Benzene-d6 (IS)	8.147	8.159	411,399	
Toluene-d8 (IS)		10.723	10.735	937,211	
Toluene	Toluene-d8 (IS)	10.818	10.830	583,041	
Ethylbenzene	Toluene-d8 (IS)	12.967	12.984	72,647	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	211,859	
o-Xylene	Toluene-d8 (IS)	13.637	13.655	66,874	

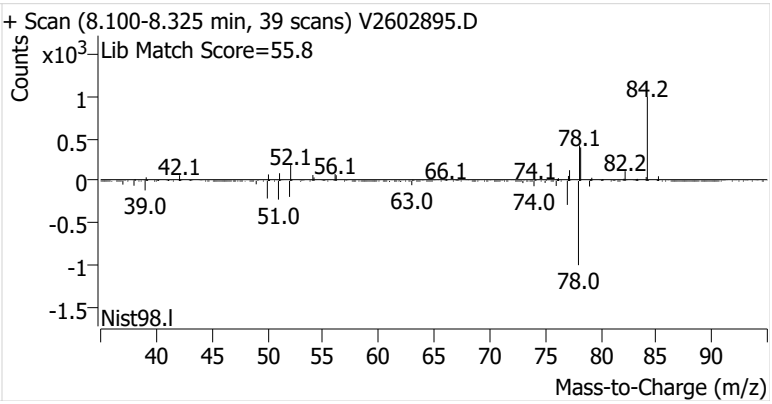
Benzene-d6 (IS)



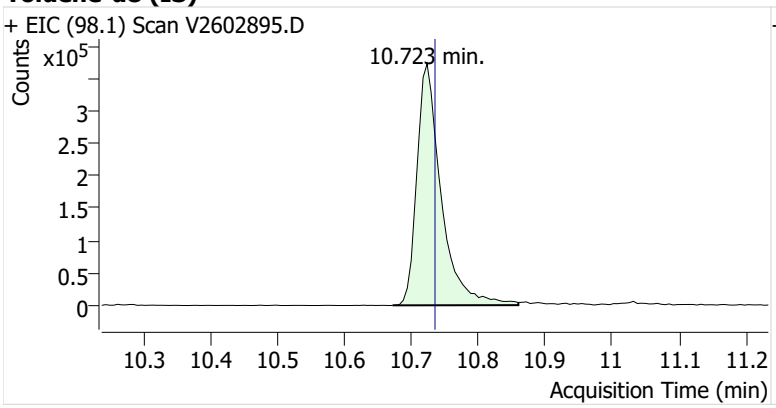


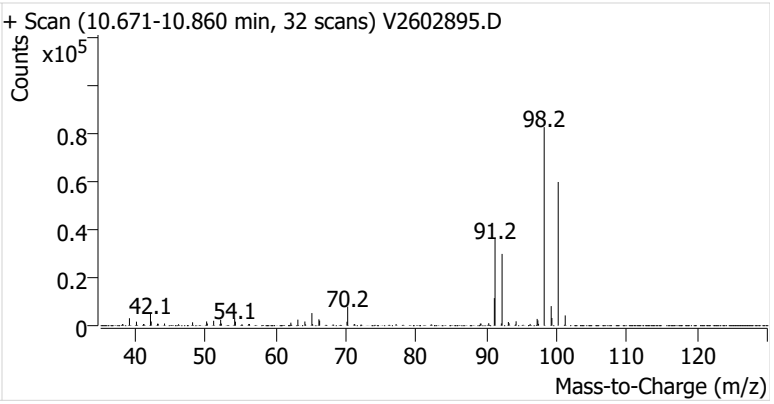
Benzene



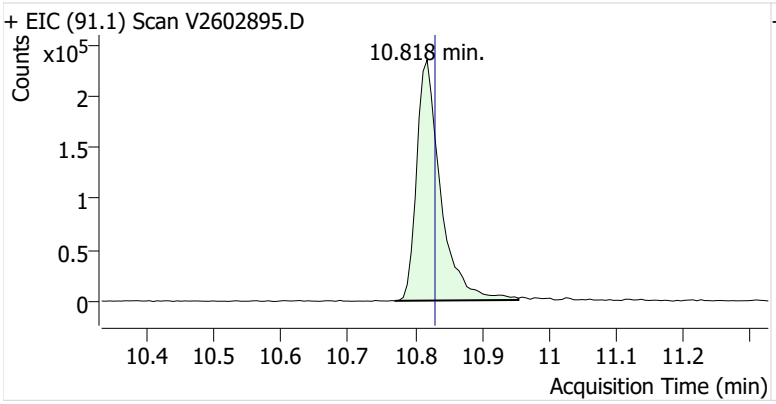


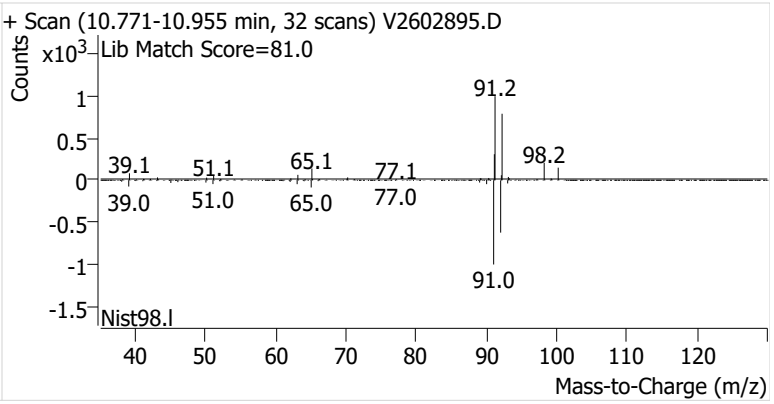
Toluene-d8 (IS)



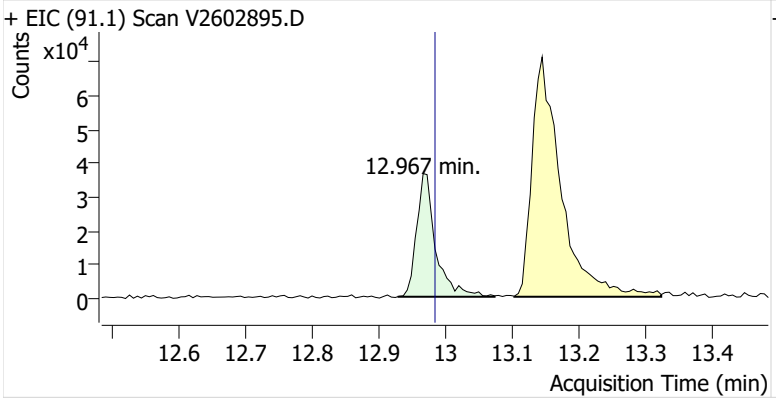


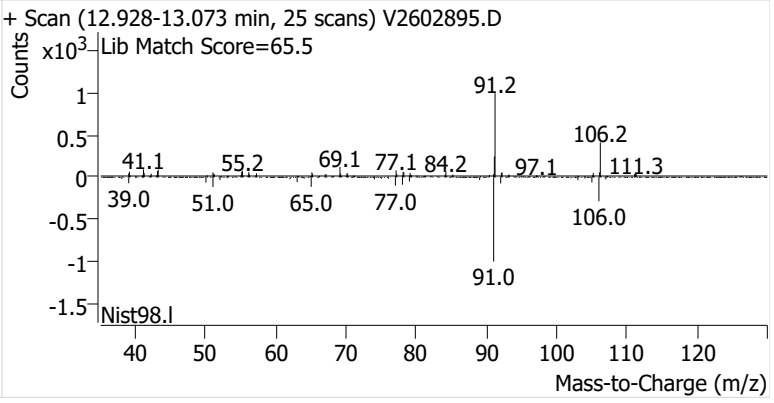
Toluene



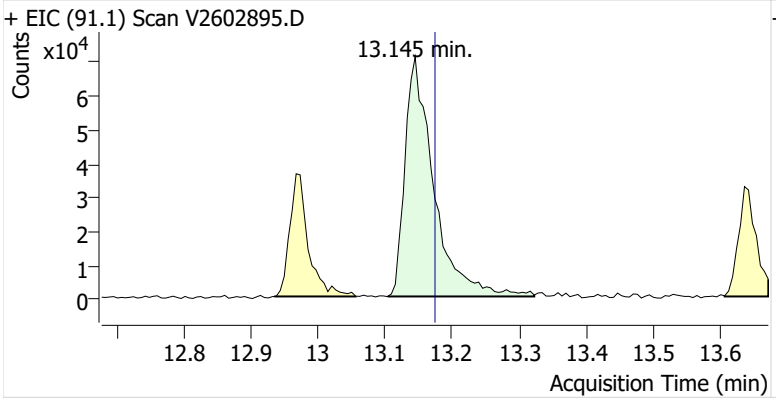


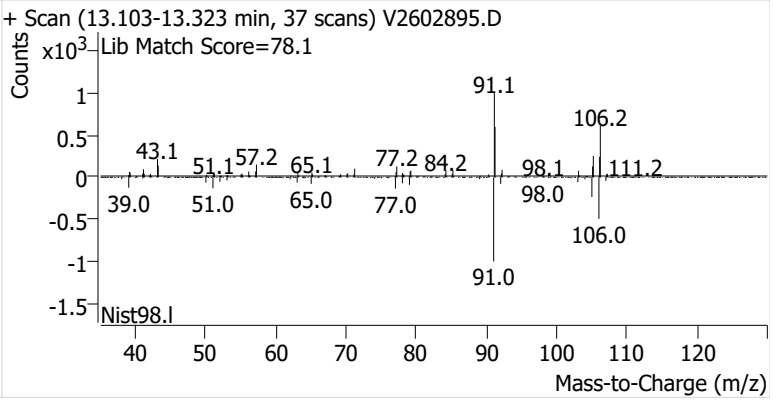
Ethylbenzene



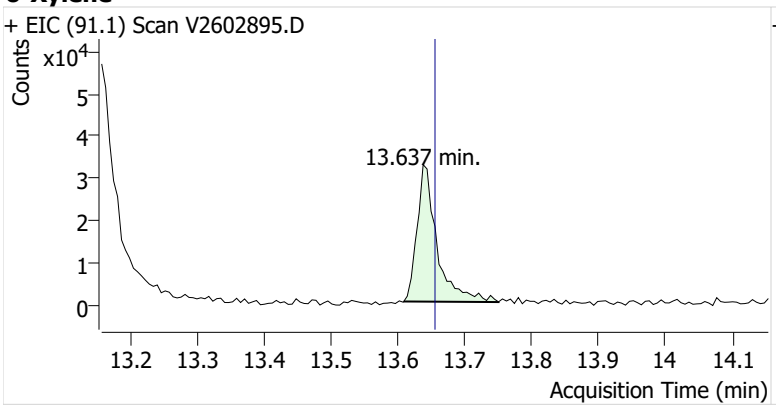


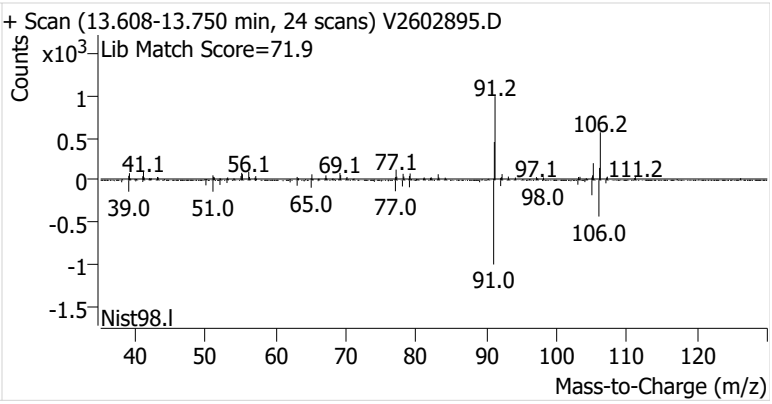
m-/p-Xylenes





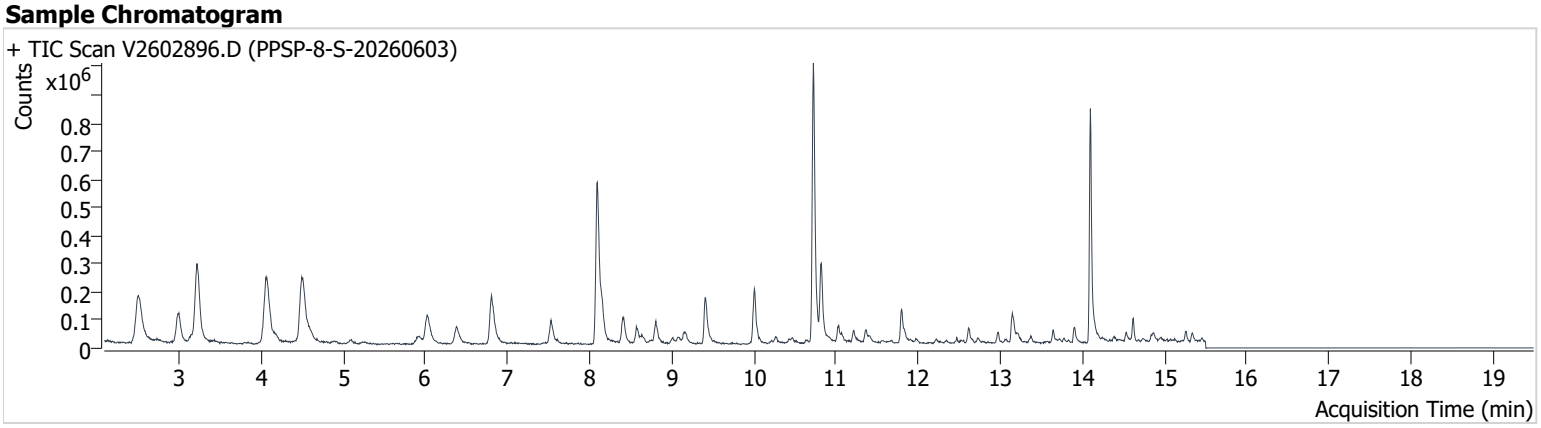
o-Xylene


+ EIC (91.1) Scan V2602895.D
Counts
x10^4
13.637 min.
Acquisition Time (min)


+ Scan (13.608-13.750 min, 24 scans) V2602895.D
Counts
x10^3
Lib Match Score=71.9
91.2
106.2
41.1
56.1
69.1
77.1
97.1
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

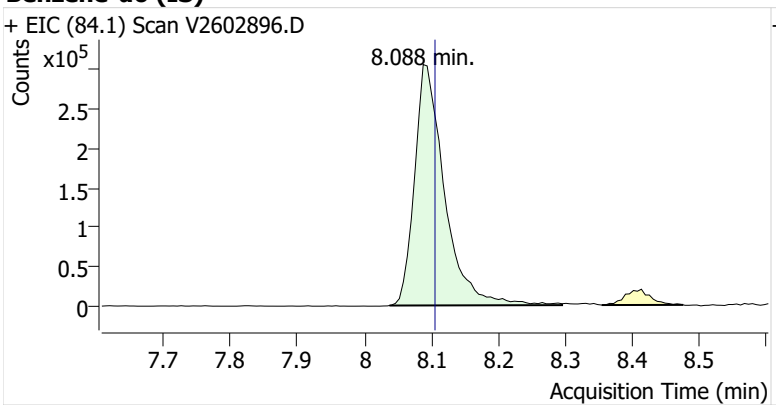
Name	PPSP-8-S-20260603
Comment	C65292; Recollect
Data File	V2602896.D
Acq. Date-Time	6/23/2026 10:39:13 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

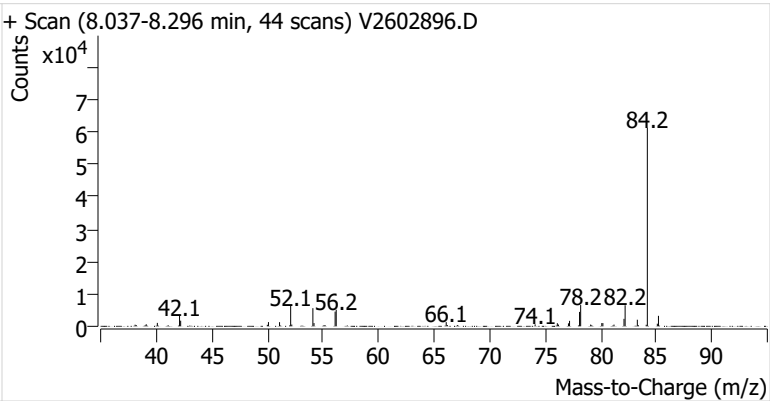
Sample Chromatogram



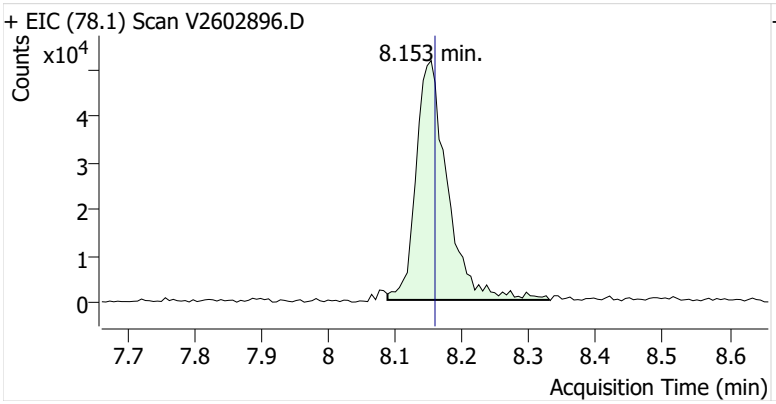
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.088	8.105	954,359	
Benzene	Benzene-d6 (IS)	8.153	8.159	168,951	
Toluene-d8 (IS)		10.723	10.735	958,689	
Toluene	Toluene-d8 (IS)	10.818	10.830	278,877	
Ethylbenzene	Toluene-d8 (IS)	12.973	12.984	36,704	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	111,168	
o-Xylene	Toluene-d8 (IS)	13.643	13.655	34,776	

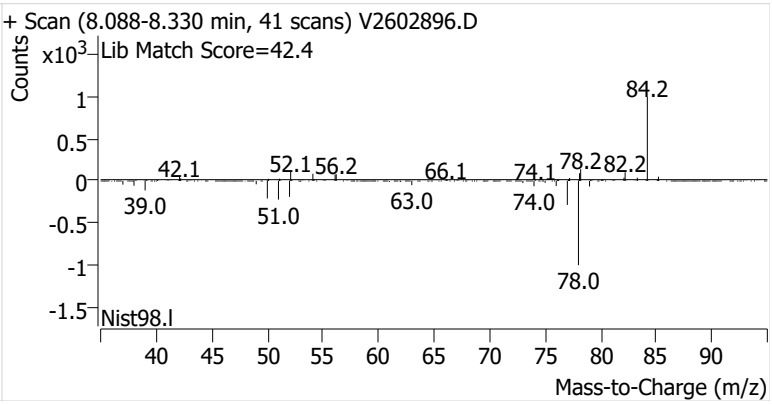
Benzene-d6 (IS)



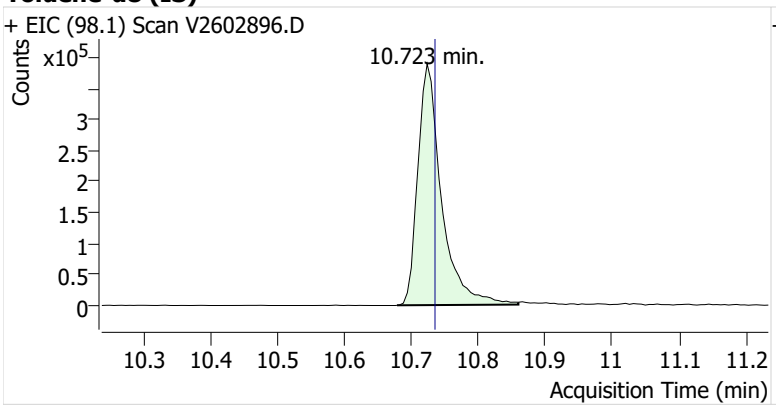


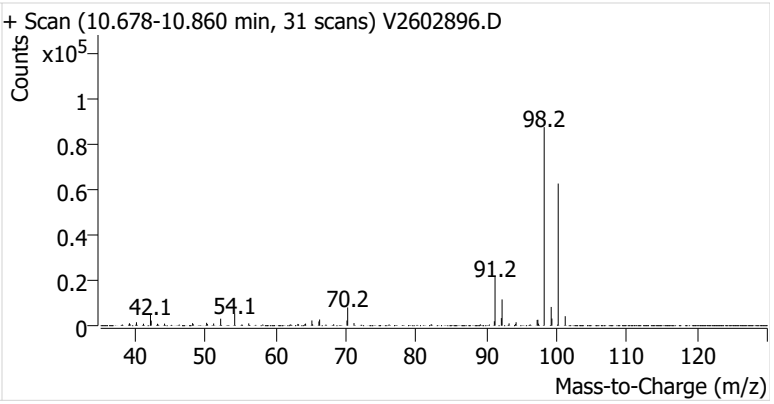
Benzene



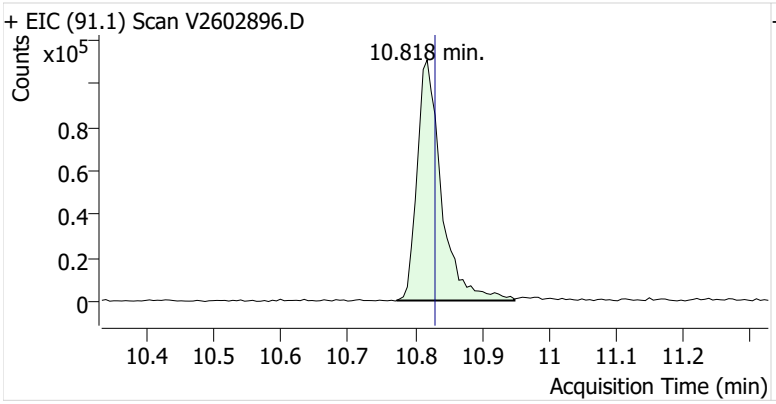


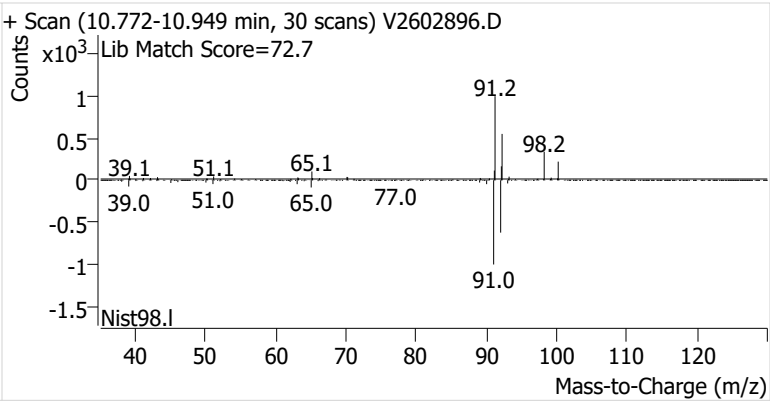
Toluene-d8 (IS)



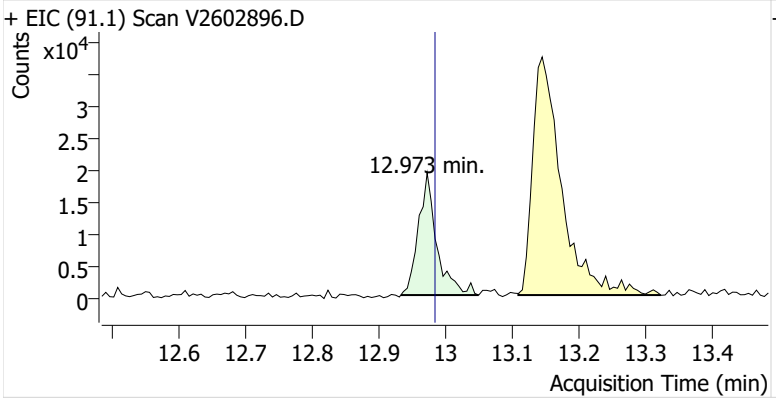


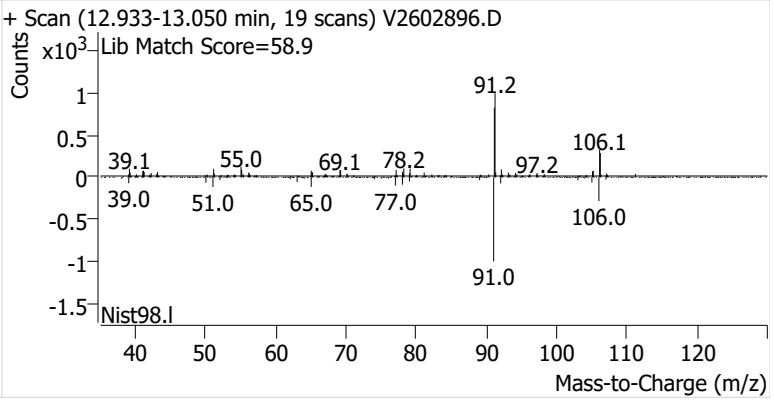
Toluene



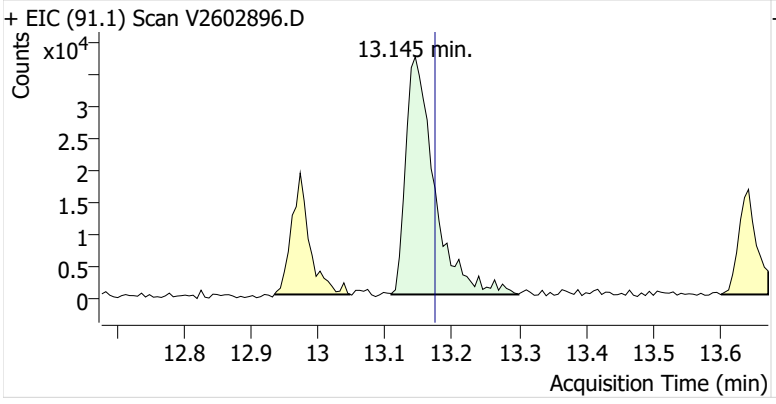


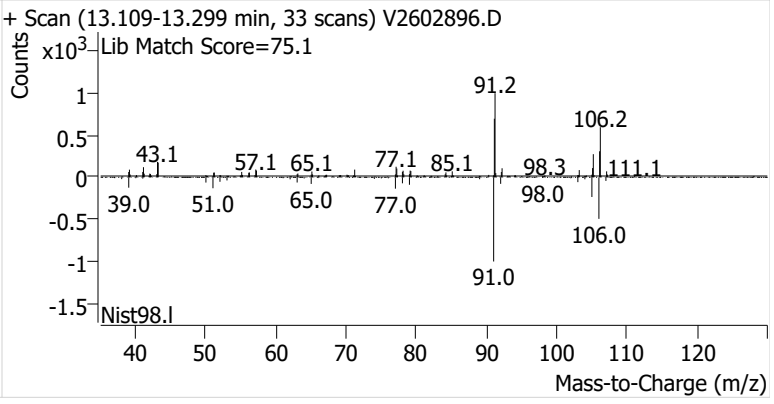
Ethylbenzene



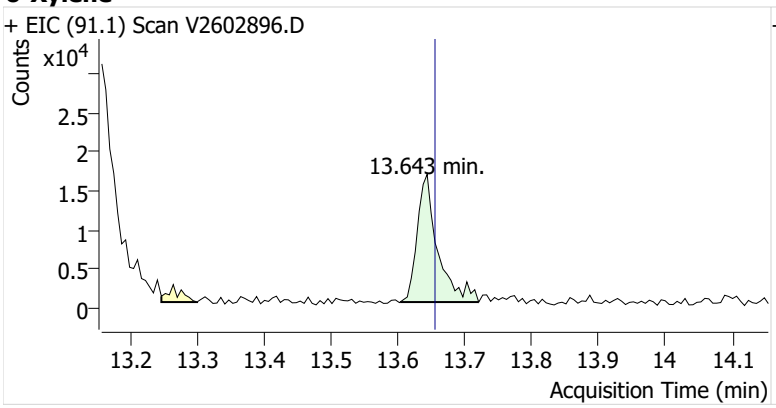


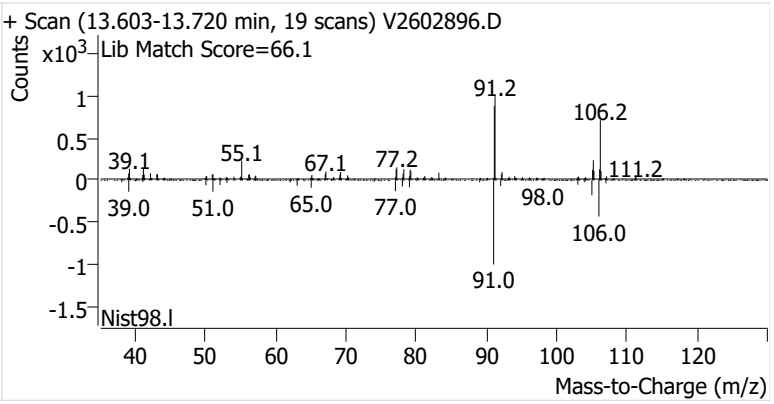
m-/p-Xylenes





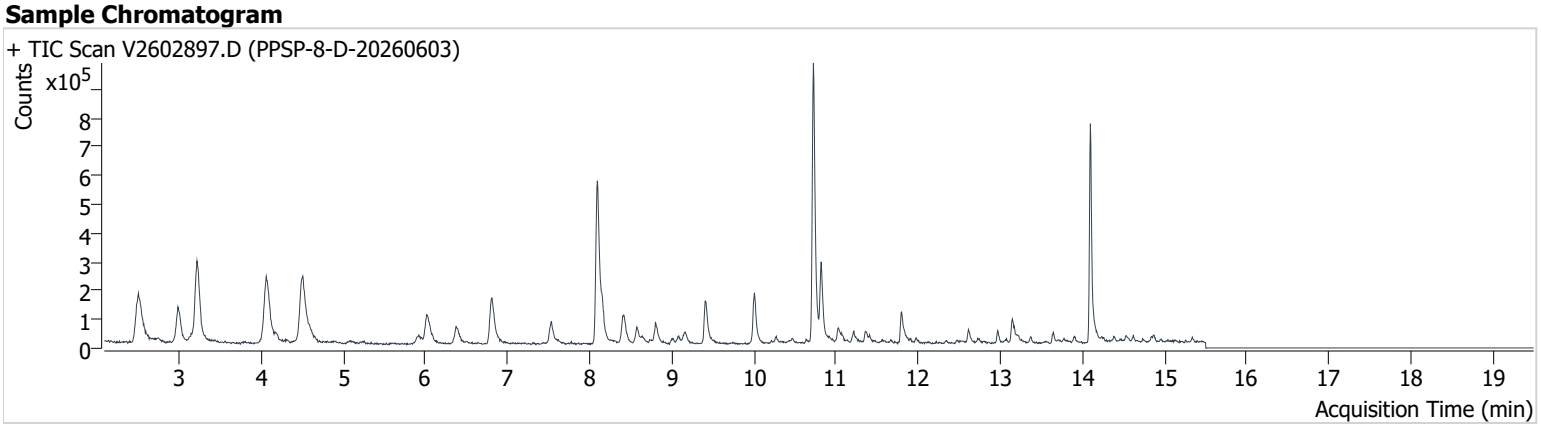
o-Xylene


+ EIC (91.1) Scan V2602896.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.643 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.603-13.720 min, 19 scans) V2602896.D
Counts
x10^3
Lib Match Score=66.1
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
39.1
55.1
67.1
77.2
111.2
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)

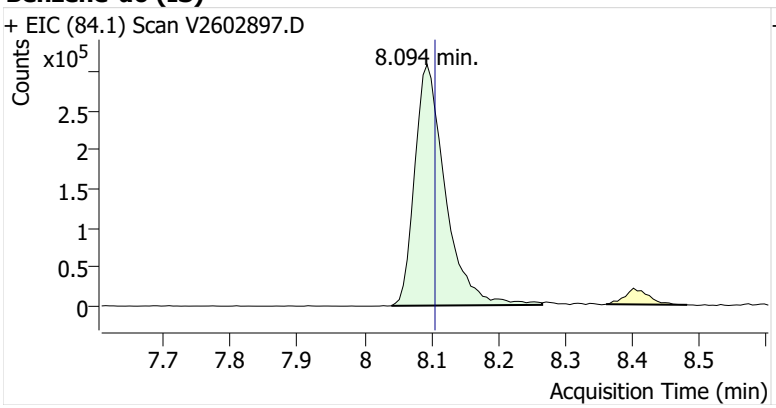
Name	PPSP-8-D-20260603
Comment	C43361; Recollect
Data File	V2602897.D
Acq. Date-Time	6/23/2026 11:16:31 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

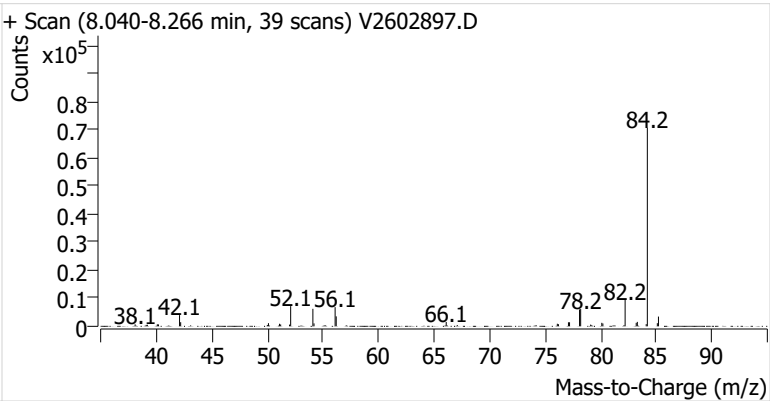
Sample Chromatogram



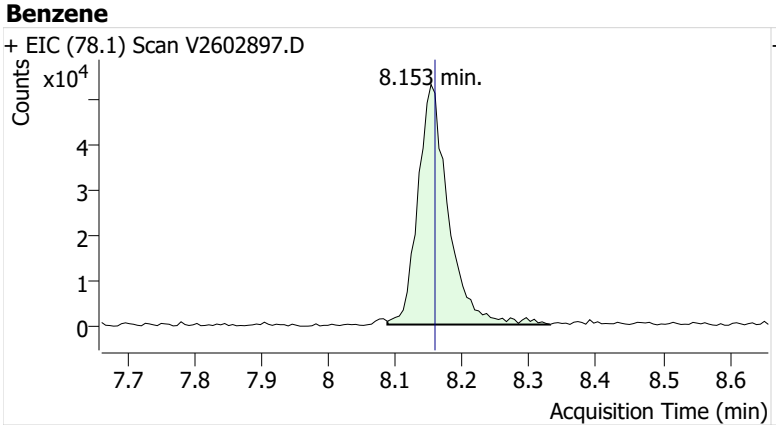
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.094	8.105	978,954	
Benzene	Benzene-d6 (IS)	8.153	8.159	167,264	
Toluene-d8 (IS)		10.723	10.735	953,839	
Toluene	Toluene-d8 (IS)	10.818	10.830	271,158	
Ethylbenzene	Toluene-d8 (IS)	12.967	12.984	34,248	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	93,481	
o-Xylene	Toluene-d8 (IS)	13.643	13.655	29,517	

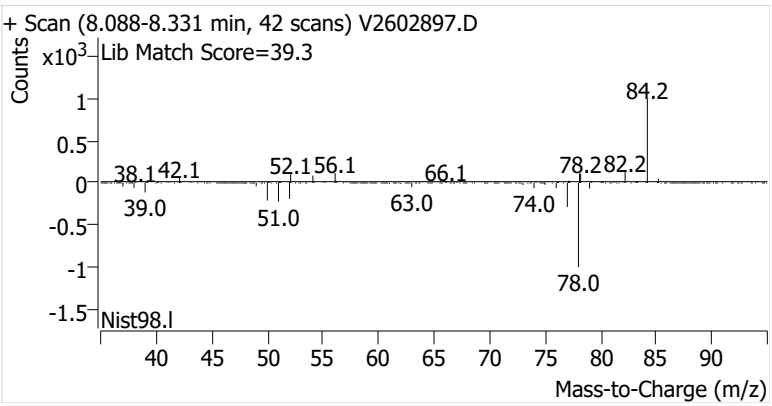
Benzene-d6 (IS)



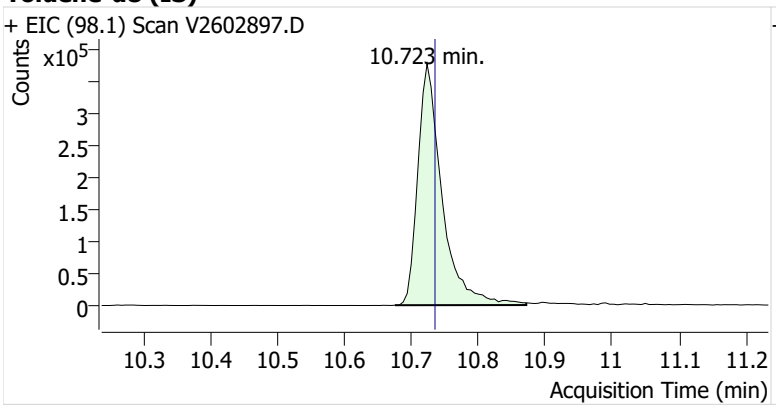


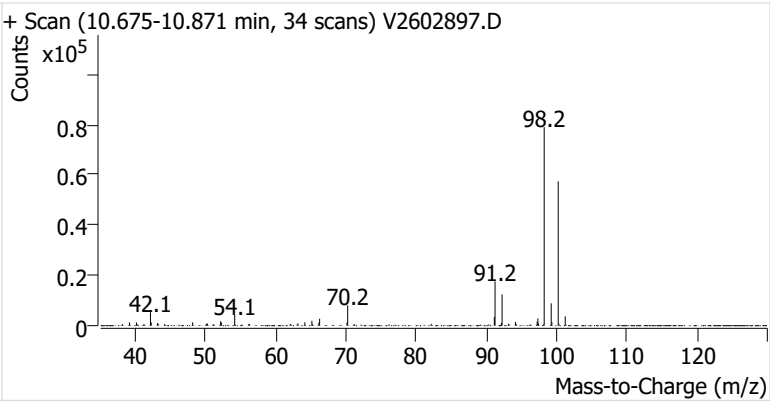
Benzene



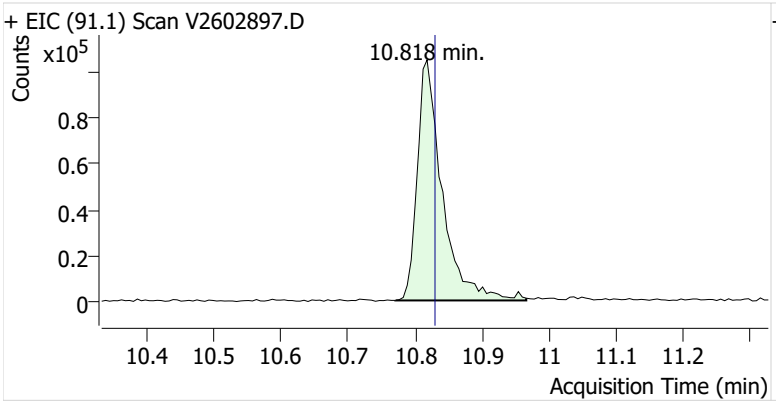


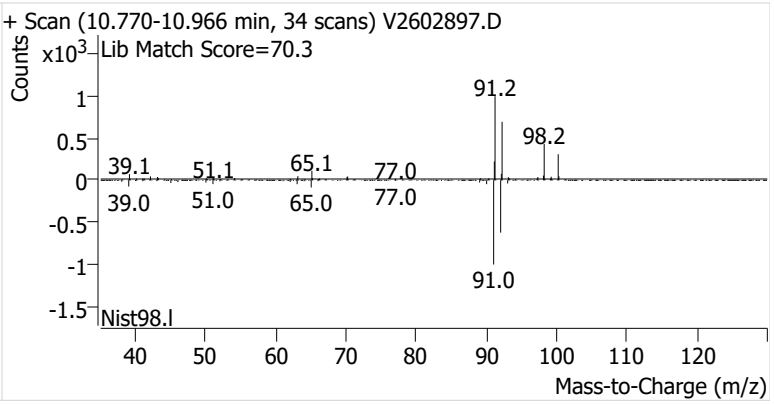
Toluene-d8 (IS)



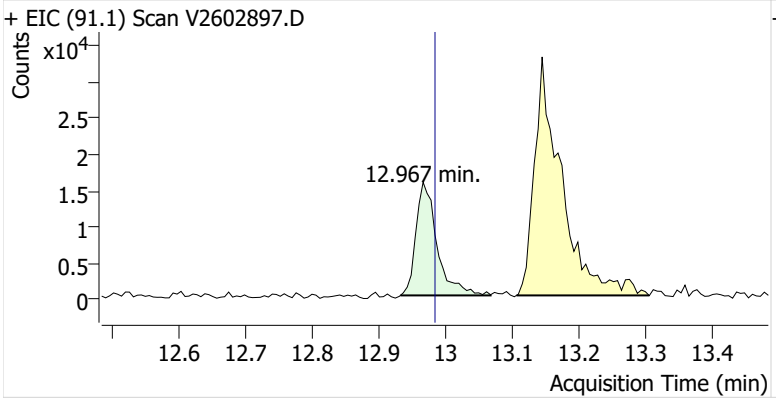


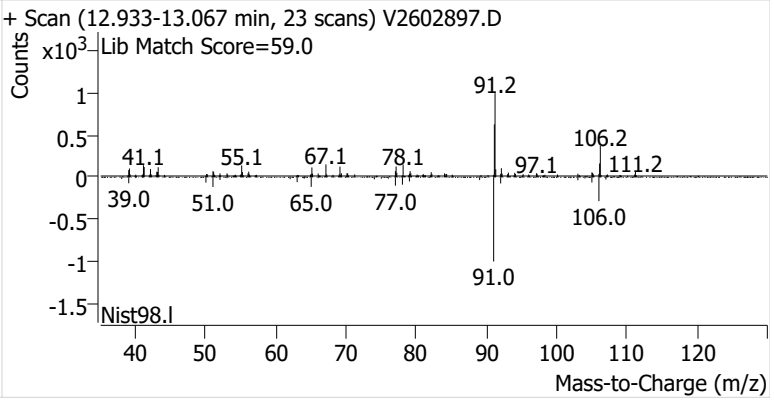
Toluene



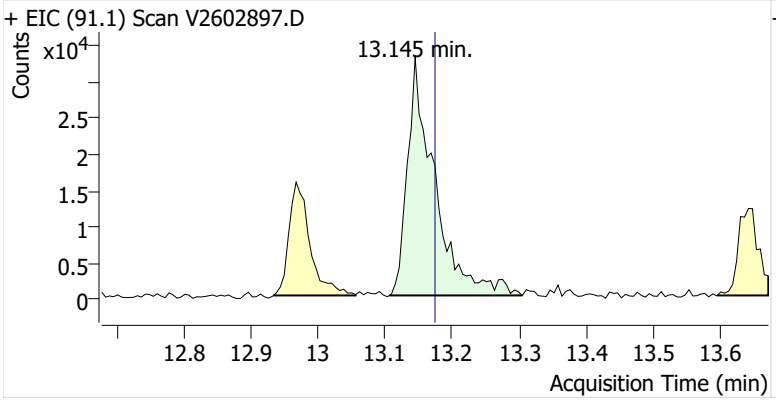


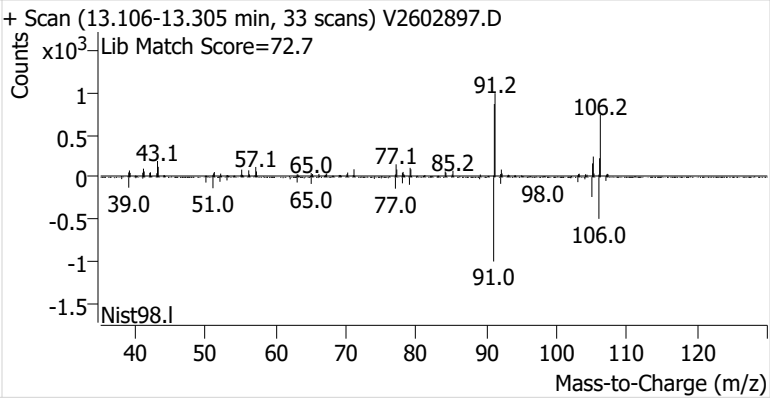
Ethylbenzene



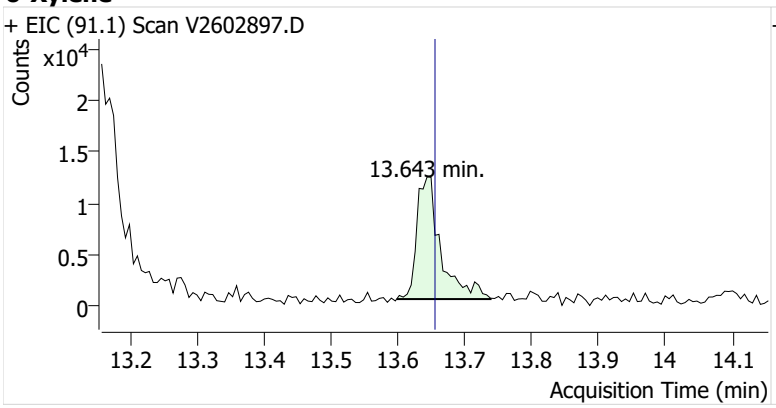


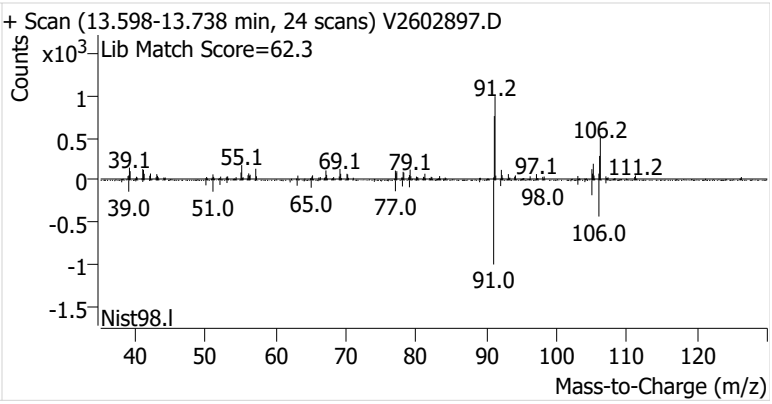
m-/p-Xylenes





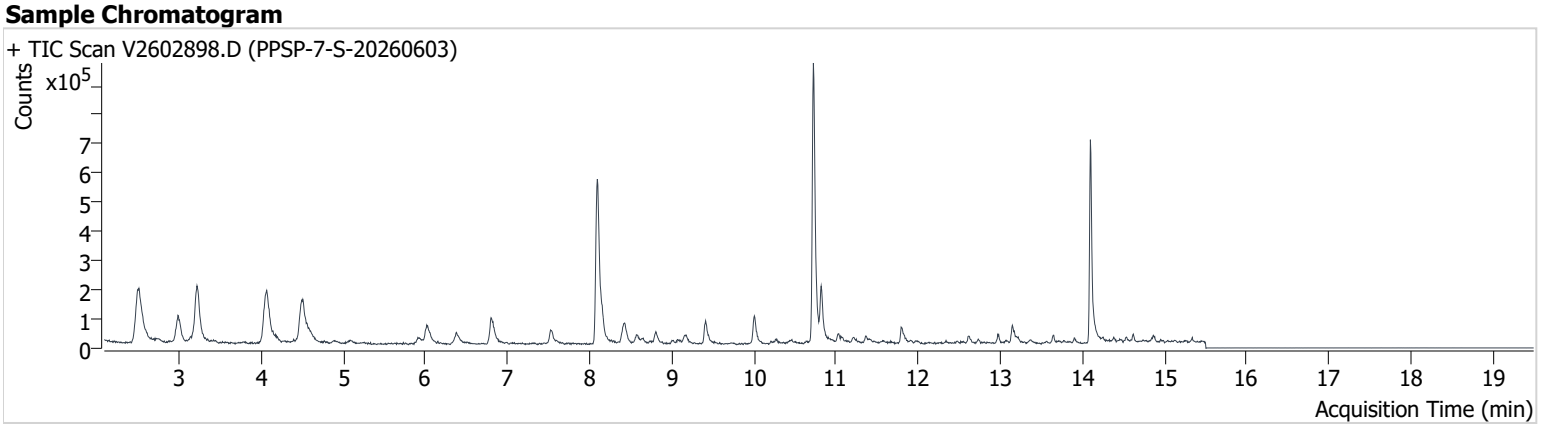
o-Xylene


+ EIC (91.1) Scan V2602897.D
Counts
x10^4
2
1.5
1
0.5
0
13.643 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.598-13.738 min, 24 scans) V2602897.D
Lib Match Score=62.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
39.1
55.1
69.1
79.1
97.1
111.2
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)

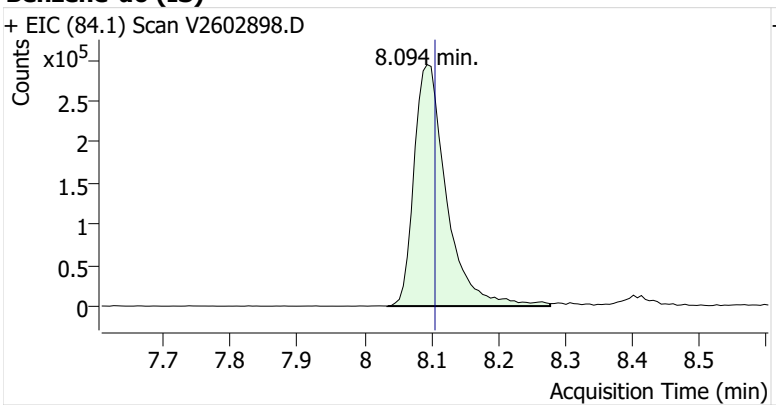
Name	PPSP-7-S-20260603
Comment	C56798; Recollect
Data File	V2602898.D
Acq. Date-Time	6/23/2026 11:53:48 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

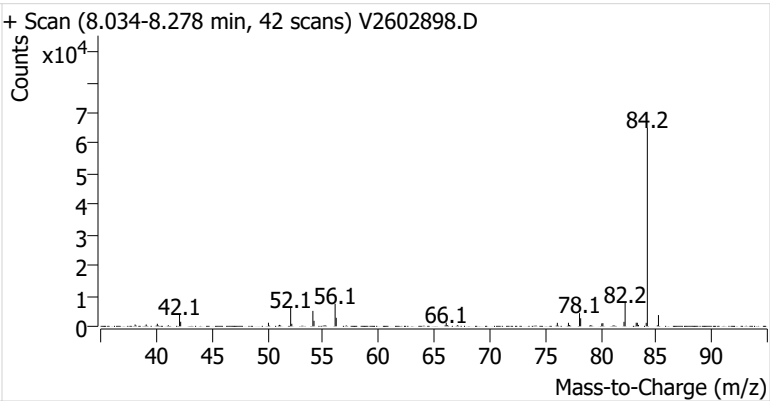
Sample Chromatogram



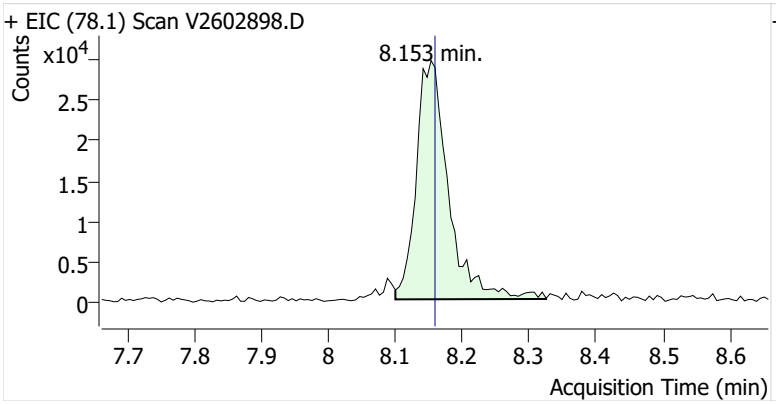
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.094	8.105	991,618	
Benzene	Benzene-d6 (IS)	8.153	8.159	98,807	
Toluene-d8 (IS)		10.723	10.735	967,189	
Toluene	Toluene-d8 (IS)	10.818	10.830	174,820	
Ethylbenzene	Toluene-d8 (IS)	12.967	12.984	25,293	
m-/p-Xylenes	Toluene-d8 (IS)	13.145	13.174	59,518	
o-Xylene	Toluene-d8 (IS)	13.643	13.655	20,252	

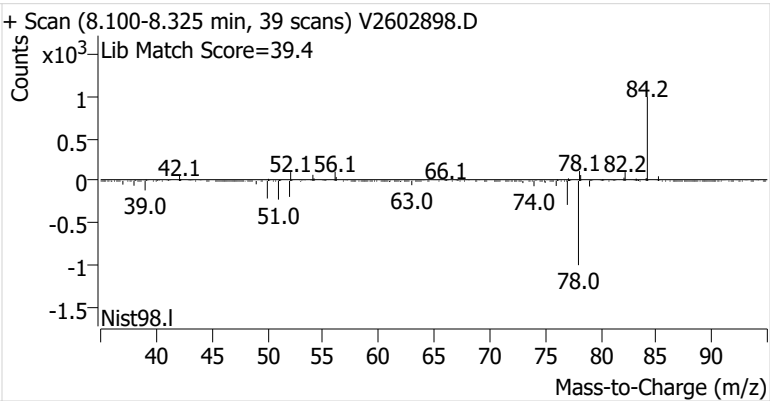
Benzene-d6 (IS)



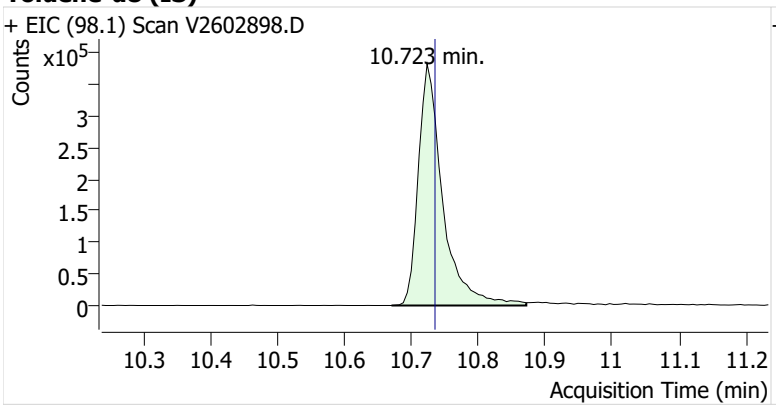


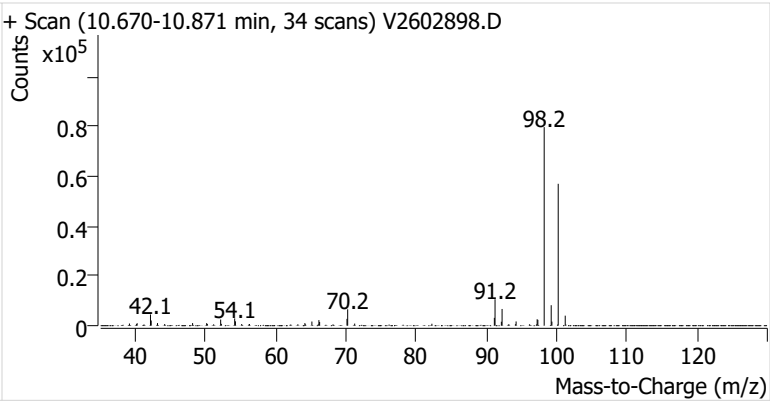
Benzene



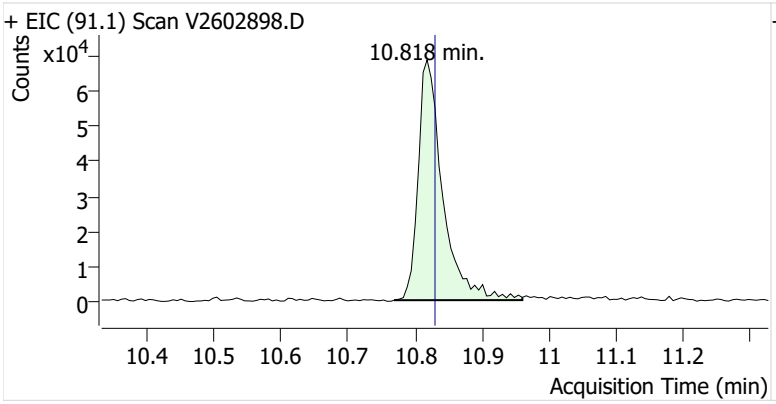


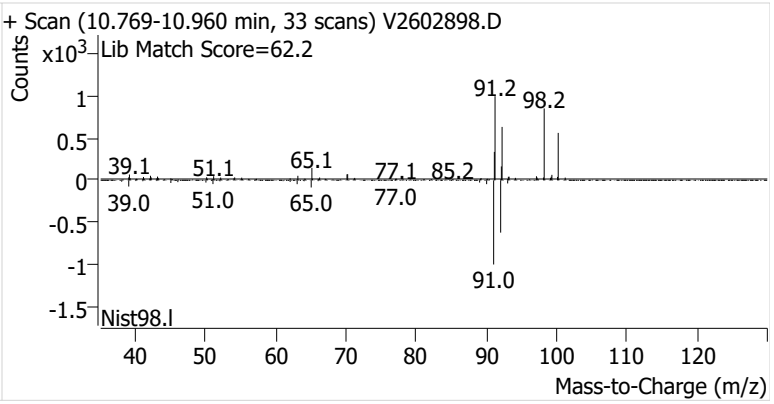
Toluene-d8 (IS)



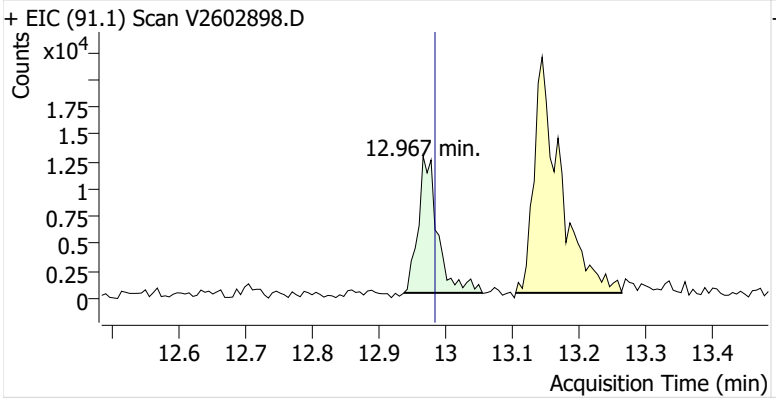


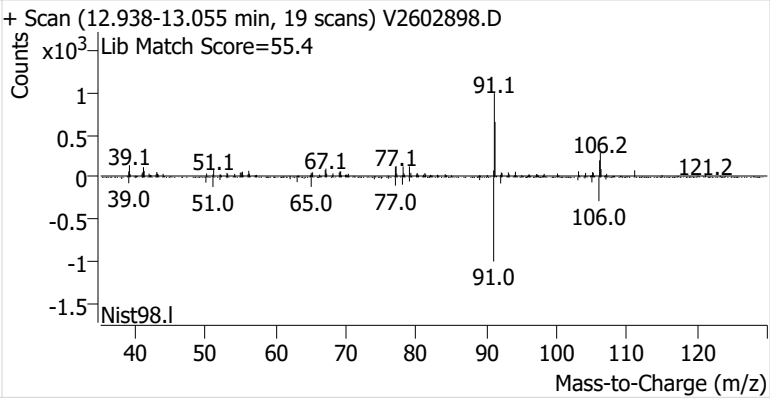
Toluene



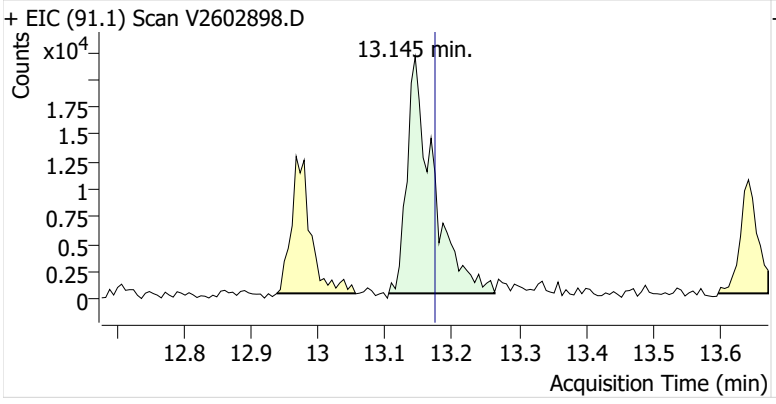


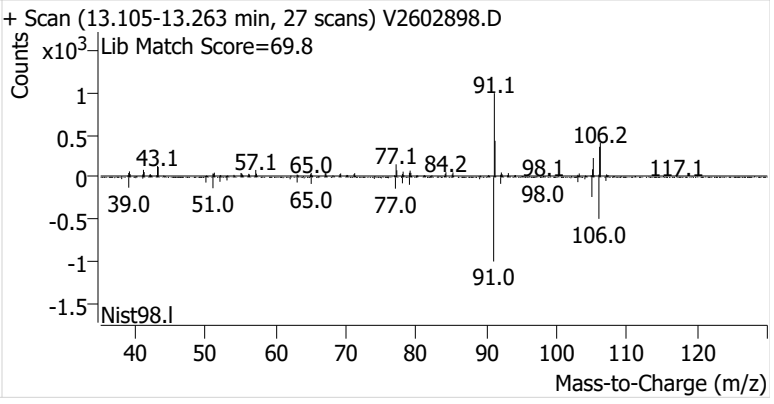
Ethylbenzene



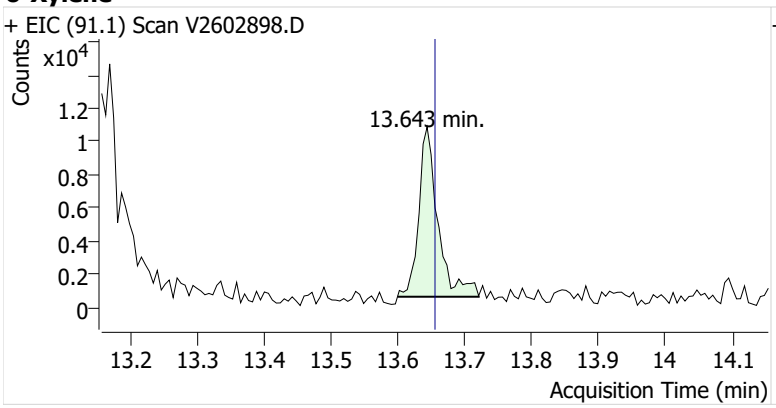


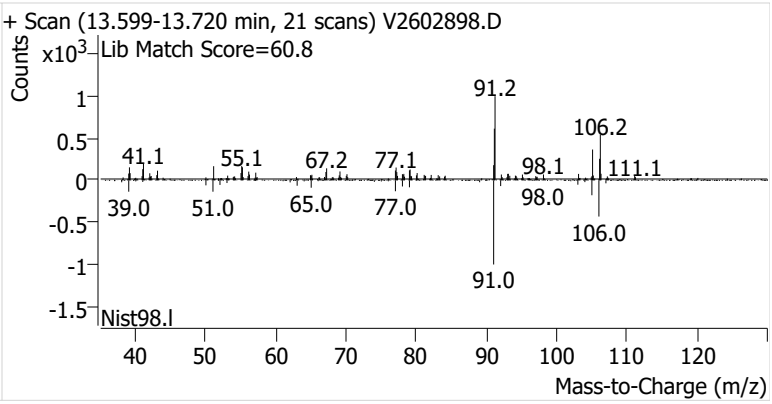
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan V2602898.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.643 min.
13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14 14.1
Acquisition Time (min)


+ Scan (13.599-13.720 min, 21 scans) V2602898.D
Lib Match Score=60.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.2
106.2
41.1
55.1
67.2
77.1
98.1
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)

Initial Calibration

Onterris/Enthalpy

Company: Power Engineers, Inc.
Job No.: 2026FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V061626A_CC185154	Benzene	1	V2602785.D	5.96	68565	91.5	1027043	1.025	0.13
V061626A_CC185154	Benzene	2	V2602786.D	11.92	129135	91.5	1055031	0.940	0.035
V061626A_CC185154	Benzene	3	V2602787.D	23.84	143189	91.5	819847	0.671	-0.26
V061626A_CC185154	Benzene	4	V2602788.D	47.68	483573	91.5	990449	0.937	0.032
V061626A_CC185154	Benzene	5	V2602789.D	119.20	1040873	91.5	1016133	0.787	-0.13
V061626A_CC185154	Benzene	6	V2602790.D	238.40	2727466	91.5	997145	1.050	0.16
V061626A_CC185154	Benzene	7	V2602791.D	715.21	7693259	91.5	1036905	0.949	0.045
						Avg:	991793	0.908	
						%RSD:	8.0%	14.8%	
V061626A_CC185154	Toluene	1	V2602785.D	5.23	60553	108.1	1047665	1.193	0.11
V061626A_CC185154	Toluene	2	V2602786.D	10.47	104942	108.1	1004769	1.078	0.0057
V061626A_CC185154	Toluene	3	V2602787.D	20.94	146490	108.1	859771	0.879	-0.18
V061626A_CC185154	Toluene	4	V2602788.D	41.88	446229	108.1	967466	1.190	0.11
V061626A_CC185154	Toluene	5	V2602789.D	104.69	896531	108.1	1000214	0.925	-0.14
V061626A_CC185154	Toluene	6	V2602790.D	209.39	2311550	108.1	1033790	1.154	0.077
V061626A_CC185154	Toluene	7	V2602791.D	628.17	6584175	108.1	1045347	1.084	0.011
						Avg:	994146	1.072	
						%RSD:	6.6%	11.7%	
V061626A_CC185154	Ethylbenzene	1	V2602785.D	5.44	66180	108.1	1047665	1.255	0.15
V061626A_CC185154	Ethylbenzene	2	V2602786.D	10.88	109823	108.1	1004769	1.085	-0.0038
V061626A_CC185154	Ethylbenzene	3	V2602787.D	21.76	135772	108.1	859771	0.784	-0.28
V061626A_CC185154	Ethylbenzene	4	V2602788.D	43.52	419341	108.1	967466	1.076	-0.012
V061626A_CC185154	Ethylbenzene	5	V2602789.D	108.81	1034506	108.1	1000214	1.027	-0.057
V061626A_CC185154	Ethylbenzene	6	V2602790.D	217.62	2729097	108.1	1033790	1.311	0.2
V061626A_CC185154	Ethylbenzene	7	V2602791.D	652.86	6875461	108.1	1045347	1.089	-0.00086
						Avg:	994146	1.090	
						%RSD:	6.6%	15.6%	
V061626A_CC185154	m-/p-Xylenes	1	V2602785.D	6.10	57121	108.1	1047665	0.966	0.13
V061626A_CC185154	m-/p-Xylenes	2	V2602786.D	12.19	94258	108.1	1004769	0.831	-0.03
V061626A_CC185154	m-/p-Xylenes	3	V2602787.D	24.39	126055	108.1	859771	0.650	-0.24
V061626A_CC185154	m-/p-Xylenes	4	V2602788.D	48.78	387366	108.1	967466	0.887	0.035
V061626A_CC185154	m-/p-Xylenes	5	V2602789.D	121.95	932929	108.1	1000214	0.827	-0.035
V061626A_CC185154	m-/p-Xylenes	6	V2602790.D	243.89	2419963	108.1	1033790	1.037	0.21
V061626A_CC185154	m-/p-Xylenes	7	V2602791.D	731.68	5650960	108.1	1045347	0.798	-0.068
						Avg:	994146	0.857	
						%RSD:	6.6%	14.6%	
V061626A_CC185154	o-Xylene	1	V2602785.D	5.67	53373	108.1	1047665	0.971	0.097
V061626A_CC185154	o-Xylene	2	V2602786.D	11.34	82236	108.1	1004769	0.780	-0.12
V061626A_CC185154	o-Xylene	3	V2602787.D	22.68	126837	108.1	859771	0.703	-0.21

Onterris/Enthalpy

Company: Power Engineers, Inc.

Job No.: 2026FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V061626A_CC185154	o-Xylene	4	V2602788.D	45.36	393247	108.1	967466	0.968	0.095
V061626A_CC185154	o-Xylene	5	V2602789.D	113.41	902885	108.1	1000214	0.860	-0.028
V061626A_CC185154	o-Xylene	6	V2602790.D	226.82	2333165	108.1	1033790	1.075	0.22
V061626A_CC185154	o-Xylene	7	V2602791.D	680.45	5497153	108.1	1045347	0.835	-0.056
						Avg:	994146	0.885	
						%RSD:	6.6%	14.4%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V061626A_CC185154	Benzene	ICV	V2602792.D	177.84	1880429	91.5	1010663	0.958	5.4%
V061626A_CC185154	Toluene	ICV	V2602792.D	182.10	1870502	108.1	1019488	1.089	1.6%
V061626A_CC185154	Ethylbenzene	ICV	V2602792.D	180.05	2091292	108.1	1019488	1.231	13.0%
V061626A_CC185154	m-/p-Xylenes	ICV	V2602792.D	182.85	1618235	108.1	1019488	0.938	9.5%
V061626A_CC185154	o-Xylene	ICV	V2602792.D	183.21	1698052	108.1	1019488	0.982	11.0%

M325B PDF Report ver.20260421

Sample Custody

2026FW206

Onterris

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

Page # 1 of # 2

☑ Standard Turn Around Time
☐ Rush Turn Around Time
* All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline	**PO#:**	
Site Address:		**Project #:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent Type:**	
State:		**Email Address:**	tom.rolfson@wsp.com	**Quote #:**	
Zip:		**Telephone #:**			

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)
6	B19735	Sample	6/3/26	10:03 AM	6/17/26	12:22 PM	BLC/DTA		
5	C71751	Sample	6/3/26	10:12 AM	6/17/26	12:27 PM	BLC/DTA		
4	B50900	Sample	6/3/26	10:17 AM	6/17/26	12:32 PM	BLC/DTA		
3	C71726	Sample	6/3/26	10:22 AM	6/17/26	12:37 PM	BLC/DTA		
2	B47780	Sample	6/3/26	10:28 AM	6/17/26	12:42 PM	BLC/DTA		
1	C00697	Sample	6/3/26	10:31 AM	6/17/26	12:46 PM	BLC/DTA		
1	C59927	Location 1 Blank	6/3/26	10:31 AM	6/17/26	12:46 PM	BLC/DTA		
13	B46654	Sample	6/3/26	10:37 AM	6/17/26	12:51 PM	BLC/DTA		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Dylan Arrigo		6/17/2026	2:30pm
Received By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Susan Pierce	Susan Pierce	6/18/2026	10:00 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	
Good	BTEX	Y	
Blank Temp: 14.9 Fluke4		**Custody Seal #:** 25E09033	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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

Onterris

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

Page # 2 of # 2

☑ Standard Turn Around Time
☐ Rush Turn Around Time
* All TATs Subject to Approval by Onterris Laboratories, LLC

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipeline
Site Address:		**Project #:**	
City:		**Project Manager:**	Tom Rolfson
State:		**Email Address:**	tom.rolfson@wsp.com
Zip:		**Telephone #:**	

PO#:	
Sample Event #:	
Sorbent Type:	
Quote #:	

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)
12	B46314	Sample	6/3/26	10:48 AM	6/17/26	12:58 PM	BLC/DTA		
11	C71719	Sample	6/3/26	10:53 AM	6/17/26	1:02 PM	BLC/DTA		
10	B42300	Sample	6/3/26	10:59 AM	6/17/26	1:07 PM	BLC/DTA		
9	B14923	Sample	6/3/26	11:03 AM	6/17/26	1:11 PM	BLC/DTA		
8	C65292	Sample	6/3/26	11:09 AM	6/17/26	1:18 PM	BLC/DTA		
8	C43361	Duplicate	6/3/26	11:09 AM	6/17/26	1:18 PM	BLC/DTA		
7	C56798	Sample	6/3/26	11:15 AM	6/17/26	1:22 PM	BLC/DTA		

Relinquished By (printed): Dylan Arrigo	**Relinquished By (signature):**	**Relinquished Date:** 6/17/2026	**Relinquished Time:** 2:30 pm
Received By (printed): Susan Pierce	**Recieved By (signature):** Susan Pierce	**Receipt Date:** 6/18/2026	**Receipt Time:** 10:00 AM
Sample Condition Upon Receipt: Good	**Compound List:** BTEX	**Custody Seal Intact? Y/N:** Y	
Blank Temp: 14.9 Flubey		**Custody Seal #:** 25E09033	

Comments:

Please pull ambient temp from the KPWM NOAA station. Thank you.

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.