284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q3175

Project ID : Summer

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3175-01	MW2
Q3175-02	MW4

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Summer
Project # N/A
Order ID # Q3175
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 09/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD for {VV0924WBSD02} with File ID: VV039165.D met criteria except for Acetone[32%], Bromomethane[34%] due to difference in results of BS-BSD.

The Blank Spike for {VV0924WBS02} with File ID: VV039150.D met requirements for all compounds except for 4-Methyl-2-Pentanone[120%]failing high but no positive hit in associated samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82V092225W.M) for 2-Hexanone passing on Linear regression and Chloroethane, Acetone ,Methylene Chloride,Styrene,1,2-Dibromo-3-Chloropropane are passing on Quadratic Regression.

The Continuous Calibration File ID VV039146.D met the requirements except for Dichlorodifluoromethane failing marginally low therefore no corrective action taken.

The Continuous Calibration File ID VV039168.D met the requirements except for Bromomethane failing marginally low therefore no corrective action taken.

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The Tuning criteria met requirements.

Samples MW2, MW2DL and MW4 were diluted due to high concentrations.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3175**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **10/07/2025**

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Hit Summary Sheet
SW-846

SDG No.: Q3175

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q3175-01	MW2	Water	Carbon Disulfide		1.50		0.21	1.00	ug/L
Q3175-01	MW2	Water	Cyclohexane		410	E	1.50	5.00	ug/L
Q3175-01	MW2	Water	Methylcyclohexane		270	E	0.16	1.00	ug/L
Q3175-01	MW2	Water	Benzene		460	E	0.15	1.00	ug/L
Q3175-01	MW2	Water	Toluene		100	E	0.14	1.00	ug/L
Q3175-01	MW2	Water	Ethyl Benzene		1300	E	0.13	1.00	ug/L
Q3175-01	MW2	Water	m/p-Xylenes		3100	E	0.24	2.00	ug/L
Q3175-01	MW2	Water	o-Xylene		120	E	0.12	1.00	ug/L
Q3175-01	MW2	Water	Isopropylbenzene		430	E	0.12	1.00	ug/L
			Total Voc :		6190				
Q3175-01	MW2	Water	Naphthalene, 1-methyl-	*	370	J	0	0	ug/L
Q3175-01	MW2	Water	Naphthalene, 2-methyl-	*	180	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1,2,4,5-tetramethyl-	*	340	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1,2,3,4-tetramethyl-	*	250	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1,2,3-trimethyl-	*	1400	J	0	0	ug/L
Q3175-01	MW2	Water	o-Cymene	*	210	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	1100	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1-ethyl-4-methyl-	*	440	J	0	0	ug/L
Q3175-01	MW2	Water	1H-Indene, 2,3-dihydro-4-meth	*	250	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	490	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1-methyl-4-propyl-	*	120	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	270	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 2-ethenyl-1,4-dimeth	*	560	J	0	0	ug/L
Q3175-01	MW2	Water	Benzene, 1-ethenyl-3-ethyl-	*	230	J	0	0	ug/L
Q3175-01	MW2	Water	n-propylbenzene	*	650	J	0.13	1.00	ug/L
Q3175-01	MW2	Water	1,3,5-Trimethylbenzene	*	1000	J	0.15	1.00	ug/L
Q3175-01	MW2	Water	1,2,4-Trimethylbenzene	*	1600	J	0.14	1.00	ug/L
Q3175-01	MW2	Water	sec-Butylbenzene	*	48.9	J	0.13	1.00	ug/L
Q3175-01	MW2	Water	p-Isopropyltoluene	*	34.0	J	0.13	1.00	ug/L
Q3175-01	MW2	Water	n-Butylbenzene	*	140	J	0.15	1.00	ug/L
Q3175-01	MW2	Water	Naphthalene	*	1100	J	0.20	1.00	ug/L
			Total Tics :		10800				
			Total Concentration:		17000				
Client ID:	**MW2DL**								
Q3175-01DL	MW2DL	Water	Cyclohexane		220	D	29.0	100	ug/L
Q3175-01DL	MW2DL	Water	Methylcyclohexane		150	D	3.20	20.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3175

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3175-01DL	MW2DL	Water	Benzene		270	D	3.00	20.0	ug/L
Q3175-01DL	MW2DL	Water	Toluene		57.2	D	2.80	20.0	ug/L
Q3175-01DL	MW2DL	Water	Ethyl Benzene		4900	ED	2.60	20.0	ug/L
Q3175-01DL	MW2DL	Water	m/p-Xylenes		5900	ED	4.80	40.0	ug/L
Q3175-01DL	MW2DL	Water	o-Xylene		55.3	D	2.40	20.0	ug/L
Q3175-01DL	MW2DL	Water	Isopropylbenzene		160	D	2.40	20.0	ug/L
			Total Voc :		11700				
			Total Concentration:		11700				
Client ID:	**MW2DL2**								
Q3175-01DL2	MW2DL2	Water	Cyclohexane		310	JD	150	500	ug/L
Q3175-01DL2	MW2DL2	Water	Methylcyclohexane		160	D	16.0	100	ug/L
Q3175-01DL2	MW2DL2	Water	Benzene		360	D	15.0	100	ug/L
Q3175-01DL2	MW2DL2	Water	Toluene		70.2	JD	14.0	100	ug/L
Q3175-01DL2	MW2DL2	Water	Ethyl Benzene		5500	D	13.0	100	ug/L
Q3175-01DL2	MW2DL2	Water	m/p-Xylenes		7100	D	24.0	200	ug/L
Q3175-01DL2	MW2DL2	Water	o-Xylene		76.1	JD	12.0	100	ug/L
Q3175-01DL2	MW2DL2	Water	Isopropylbenzene		220	D	12.0	100	ug/L
			Total Voc :		13800				
			Total Concentration:		13800				
Client ID:	**MW4**								
Q3175-02	MW4	Water	Carbon Disulfide		0.57	J	0.21	1.00	ug/L
Q3175-02	MW4	Water	Cyclohexane		160	E	1.50	5.00	ug/L
Q3175-02	MW4	Water	Methylcyclohexane		230	E	0.16	1.00	ug/L
Q3175-02	MW4	Water	Benzene		760	E	0.15	1.00	ug/L
Q3175-02	MW4	Water	Toluene		71.3		0.14	1.00	ug/L
Q3175-02	MW4	Water	Ethyl Benzene		480	E	0.13	1.00	ug/L
Q3175-02	MW4	Water	m/p-Xylenes		1300	E	0.24	2.00	ug/L
Q3175-02	MW4	Water	o-Xylene		230	E	0.12	1.00	ug/L
Q3175-02	MW4	Water	Isopropylbenzene		110	E	0.12	1.00	ug/L
			Total Voc :		3340				
Q3175-02	MW4	Water	Naphthalene, 2-methyl-	*	120	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 1,2,4,5-tetramethyl-	*	140	J	0	0	ug/L
Q3175-02	MW4	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	75.1	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 1,2,3,4-tetramethyl-	*	120	J	0	0	ug/L
Q3175-02	MW4	Water	Indane	*	390	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 1,2,3-trimethyl-	*	370	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 1-ethyl-2-methyl-	*	430	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3175

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3175-02	MW4	Water	Benzene, 1-ethyl-4-methyl-	*	190	J	0	0	ug/L
Q3175-02	MW4	Water	Indan, 1-methyl-	*	120	J	0	0	ug/L
Q3175-02	MW4	Water	Cyclopentane, 1,2-dimethyl-, tr	*	80.5	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	230	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	100	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 2-ethenyl-1,4-dimethy	*	280	J	0	0	ug/L
Q3175-02	MW4	Water	Benzene, 1-ethenyl-3-ethyl-	*	130	J	0	0	ug/L
Q3175-02	MW4	Water	Cyclopentene, 1,5-dimethyl-	*	120	J	0	0	ug/L
Q3175-02	MW4	Water	n-propylbenzene	*	250	J	0.13	1.00	ug/L
Q3175-02	MW4	Water	1,3,5-Trimethylbenzene	*	390	J	0.15	1.00	ug/L
Q3175-02	MW4	Water	1,2,4-Trimethylbenzene	*	670	J	0.14	1.00	ug/L
Q3175-02	MW4	Water	sec-Butylbenzene	*	18.4	J	0.13	1.00	ug/L
Q3175-02	MW4	Water	p-Isopropyltoluene	*	14.2	J	0.13	1.00	ug/L
Q3175-02	MW4	Water	n-Butylbenzene	*	47.9	J	0.15	1.00	ug/L
Q3175-02	MW4	Water	Naphthalene	*	300	J	0.20	1.00	ug/L
			Total Tics :		4590				
			Total Concentration:		7930				
Client ID:	**MW4DL**								
Q3175-02DL	MW4DL	Water	Cyclohexane		120	D	29.0	100	ug/L
Q3175-02DL	MW4DL	Water	Methylcyclohexane		140	D	3.20	20.0	ug/L
Q3175-02DL	MW4DL	Water	Benzene		1100	D	3.00	20.0	ug/L
Q3175-02DL	MW4DL	Water	Toluene		48.3	D	2.80	20.0	ug/L
Q3175-02DL	MW4DL	Water	Ethyl Benzene		530	D	2.60	20.0	ug/L
Q3175-02DL	MW4DL	Water	m/p-Xylenes		1600	D	4.80	40.0	ug/L
Q3175-02DL	MW4DL	Water	o-Xylene		120	D	2.40	20.0	ug/L
Q3175-02DL	MW4DL	Water	Isopropylbenzene		51.6	D	2.40	20.0	ug/L
			Total Voc :		3710				
			Total Concentration:		3710				

SAMPLE DATA

Raw Data: **VV039153.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039153.D	1	09/24/25 15:31	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.50		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	410	E	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	270	E	0.16	1.00	ug/L
71-43-2	Benzene	460	E	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L

Raw Data: **VV039153.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039153.D	1	09/24/25 15:31	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	100	E	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1300	E	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	3100	E	0.24	2.00	ug/L
95-47-6	o-Xylene	120	E	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	430	E	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.7		74 - 125	89%	SPK: 50
1868-53-7	Dibromofluoromethane	38.9		75 - 124	78%	SPK: 50
2037-26-5	Toluene-d8	47.6		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	378000	4.6			
540-36-3	1,4-Difluorobenzene	656000	5.535			
3114-55-4	Chlorobenzene-d5	600000	8.779			
3855-82-1	1,4-Dichlorobenzene-d4	319000	11.178			

Raw Data: **VV039153.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039153.D	1	09/24/25 15:31	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
103-65-1	n-propylbenzene	650	J		10.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	1100	J		10.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	1000	J		10.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	440	J		10.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	1600	J		10.8	ug/L
135-98-8	sec-Butylbenzene	48.9	J		11.0	ug/L
99-87-6	p-Isopropyltoluene	34.0	J		11.2	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	1400	J		11.3	ug/L
104-51-8	n-Butylbenzene	140	J		11.6	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	120	J		11.7	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	270	J		11.8	ug/L
000527-84-4	o-Cymene	210	J		11.9	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	490	J		11.9	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	230	J		12.0	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	250	J		12.3	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	340	J		12.4	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	250	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	560	J		12.8	ug/L
91-20-3	Naphthalene	1100	J		13.4	ug/L
000090-12-0	Naphthalene, 1-methyl-	370	J		14.6	ug/L
000091-57-6	Naphthalene, 2-methyl-	180	J		14.7	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039174.D	20	09/25/25 12:33	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	UD	4.40	20.0	ug/L
74-87-3	Chloromethane	6.40	UD	6.40	20.0	ug/L
75-01-4	Vinyl Chloride	5.20	UD	5.20	20.0	ug/L
74-83-9	Bromomethane	28.8	UD	28.8	100	ug/L
75-00-3	Chloroethane	9.40	UD	9.40	20.0	ug/L
75-69-4	Trichlorofluoromethane	6.60	UD	6.60	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	20.0	ug/L
75-65-0	Tert butyl alcohol	110	UD	110	500	ug/L
75-35-4	1,1-Dichloroethene	4.60	UD	4.60	20.0	ug/L
67-64-1	Acetone	30.2	UD	30.2	100	ug/L
75-15-0	Carbon Disulfide	4.20	UD	4.20	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	20.0	ug/L
79-20-9	Methyl Acetate	5.40	UD	5.40	20.0	ug/L
75-09-2	Methylene Chloride	5.60	UD	5.60	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.60	UD	4.60	20.0	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	20.0	ug/L
110-82-7	Cyclohexane	220	D	29.0	100	ug/L
78-93-3	2-Butanone	19.6	UD	19.6	100	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	UD	3.80	20.0	ug/L
74-97-5	Bromochloromethane	4.40	UD	4.40	20.0	ug/L
67-66-3	Chloroform	5.00	UD	5.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	UD	4.00	20.0	ug/L
108-87-2	Methylcyclohexane	150	D	3.20	20.0	ug/L
71-43-2	Benzene	270	D	3.00	20.0	ug/L
107-06-2	1,2-Dichloroethane	4.40	UD	4.40	20.0	ug/L
79-01-6	Trichloroethene	1.90	UD	1.90	20.0	ug/L
78-87-5	1,2-Dichloropropane	4.00	UD	4.00	20.0	ug/L
75-27-4	Bromodichloromethane	4.40	UD	4.40	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	13.6	UD	13.6	100	ug/L

Raw Data: **VV039174.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039174.D	20	09/25/25 12:33	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	57.2	D	2.80	20.0	ug/L
10061-02-6	t-1,3-Dichloropropene	3.40	UD	3.40	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.20	UD	3.20	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	20.0	ug/L
591-78-6	2-Hexanone	17.8	UD	17.8	100	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	20.0	ug/L
106-93-4	1,2-Dibromoethane	3.00	UD	3.00	20.0	ug/L
127-18-4	Tetrachloroethene	4.60	UD	4.60	20.0	ug/L
108-90-7	Chlorobenzene	2.40	UD	2.40	20.0	ug/L
100-41-4	Ethyl Benzene	4900	ED	2.60	20.0	ug/L
179601-23-1	m/p-Xylenes	5900	ED	4.80	40.0	ug/L
95-47-6	o-Xylene	55.3	D	2.40	20.0	ug/L
100-42-5	Styrene	3.00	UD	3.00	20.0	ug/L
75-25-2	Bromoform	3.80	UD	3.80	20.0	ug/L
98-82-8	Isopropylbenzene	160	D	2.40	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	5.20	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	3.80	UD	3.80	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	10.6	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	563000	4.6			
540-36-3	1,4-Difluorobenzene	980000	5.535			
3114-55-4	Chlorobenzene-d5	955000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	559000	11.172			

Raw Data: **VV039174.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039174.D	20	09/25/25 12:33	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039179.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039179.D	100	09/25/25 14:25	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	UD	22.0	100	ug/L
74-87-3	Chloromethane	32.0	UD	32.0	100	ug/L
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
74-83-9	Bromomethane	140	UD	140	500	ug/L
75-00-3	Chloroethane	47.0	UD	47.0	100	ug/L
75-69-4	Trichlorofluoromethane	33.0	UD	33.0	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	UD	25.0	100	ug/L
75-65-0	Tert butyl alcohol	550	UD	550	2500	ug/L
75-35-4	1,1-Dichloroethene	23.0	UD	23.0	100	ug/L
67-64-1	Acetone	150	UD	150	500	ug/L
75-15-0	Carbon Disulfide	21.0	UD	21.0	100	ug/L
1634-04-4	Methyl tert-butyl Ether	16.0	UD	16.0	100	ug/L
79-20-9	Methyl Acetate	27.0	UD	27.0	100	ug/L
75-09-2	Methylene Chloride	28.0	UD	28.0	100	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	310	JD	150	500	ug/L
78-93-3	2-Butanone	98.0	UD	98.0	500	ug/L
56-23-5	Carbon Tetrachloride	25.0	UD	25.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0	UD	19.0	100	ug/L
74-97-5	Bromochloromethane	22.0	UD	22.0	100	ug/L
67-66-3	Chloroform	25.0	UD	25.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
108-87-2	Methylcyclohexane	160	D	16.0	100	ug/L
71-43-2	Benzene	360	D	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	9.30	UD	9.30	100	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	20.0	100	ug/L
75-27-4	Bromodichloromethane	22.0	UD	22.0	100	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	UD	68.0	500	ug/L

Raw Data: **VV039179.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039179.D	100	09/25/25 14:25	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	70.2	JD	14.0	100	ug/L
10061-02-6	t-1,3-Dichloropropene	17.0	UD	17.0	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.0	UD	16.0	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
591-78-6	2-Hexanone	89.0	UD	89.0	500	ug/L
124-48-1	Dibromochloromethane	18.0	UD	18.0	100	ug/L
106-93-4	1,2-Dibromoethane	15.0	UD	15.0	100	ug/L
127-18-4	Tetrachloroethene	23.0	UD	23.0	100	ug/L
108-90-7	Chlorobenzene	12.0	UD	12.0	100	ug/L
100-41-4	Ethyl Benzene	5500	D	13.0	100	ug/L
179601-23-1	m/p-Xylenes	7100	D	24.0	200	ug/L
95-47-6	o-Xylene	76.1	JD	12.0	100	ug/L
100-42-5	Styrene	15.0	UD	15.0	100	ug/L
75-25-2	Bromoform	19.0	UD	19.0	100	ug/L
98-82-8	Isopropylbenzene	220	D	12.0	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	26.0	UD	26.0	100	ug/L
541-73-1	1,3-Dichlorobenzene	16.0	UD	16.0	100	ug/L
106-46-7	1,4-Dichlorobenzene	19.0	UD	19.0	100	ug/L
95-50-1	1,2-Dichlorobenzene	16.0	UD	16.0	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.0	UD	53.0	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.0	UD	20.0	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0	UD	20.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	458000	4.603			
540-36-3	1,4-Difluorobenzene	815000	5.535			
3114-55-4	Chlorobenzene-d5	779000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	407000	11.175			

Raw Data: **VV039179.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW2DL2	SDG No.:	Q3175
Lab Sample ID:	Q3175-01DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039179.D	100	09/25/25 14:25	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039154.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4	SDG No.:	Q3175
Lab Sample ID:	Q3175-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039154.D	1	09/24/25 15:53	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.57	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	160	E	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	230	E	0.16	1.00	ug/L
71-43-2	Benzene	760	E	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L

Raw Data: **VV039154.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4	SDG No.:	Q3175
Lab Sample ID:	Q3175-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039154.D	1	09/24/25 15:53	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	71.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	480	E	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	1300	E	0.24	2.00	ug/L
95-47-6	o-Xylene	230	E	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	110	E	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	38.8		75 - 124	78%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	628000	4.603			
540-36-3	1,4-Difluorobenzene	1090000	5.535			
3114-55-4	Chlorobenzene-d5	1000000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	493000	11.175			

Raw Data: **VV039154.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4	SDG No.:	Q3175
Lab Sample ID:	Q3175-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039154.D	1	09/24/25 15:53	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	80.5	J		5.23	ug/L
016491-15-9	Cyclopentene, 1,5-dimethyl-	120	J		6.72	ug/L
103-65-1	n-propylbenzene	250	J		10.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	430	J		10.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	390	J		10.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	190	J		10.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	670	J		10.8	ug/L
135-98-8	sec-Butylbenzene	18.4	J		11.0	ug/L
99-87-6	p-Isopropyltoluene	14.2	J		11.2	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	370	J		11.3	ug/L
000496-11-7	Indane	390	J		11.5	ug/L
104-51-8	n-Butylbenzene	47.9	J		11.6	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	100	J		11.8	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	230	J		11.9	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	130	J		12.0	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	120	J		12.3	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	140	J		12.4	ug/L
000767-58-8	Indan, 1-methyl-	120	J		12.6	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	280	J		12.8	ug/L
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	75.1	J		13.0	ug/L
91-20-3	Naphthalene	300	J		13.4	ug/L
000091-57-6	Naphthalene, 2-methyl-	120	J		14.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039175.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039175.D	20	09/25/25 12:55	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	UD	4.40	20.0	ug/L
74-87-3	Chloromethane	6.40	UD	6.40	20.0	ug/L
75-01-4	Vinyl Chloride	5.20	UD	5.20	20.0	ug/L
74-83-9	Bromomethane	28.8	UD	28.8	100	ug/L
75-00-3	Chloroethane	9.40	UD	9.40	20.0	ug/L
75-69-4	Trichlorofluoromethane	6.60	UD	6.60	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	20.0	ug/L
75-65-0	Tert butyl alcohol	110	UD	110	500	ug/L
75-35-4	1,1-Dichloroethene	4.60	UD	4.60	20.0	ug/L
67-64-1	Acetone	30.2	UD	30.2	100	ug/L
75-15-0	Carbon Disulfide	4.20	UD	4.20	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	20.0	ug/L
79-20-9	Methyl Acetate	5.40	UD	5.40	20.0	ug/L
75-09-2	Methylene Chloride	5.60	UD	5.60	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.60	UD	4.60	20.0	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	20.0	ug/L
110-82-7	Cyclohexane	120	D	29.0	100	ug/L
78-93-3	2-Butanone	19.6	UD	19.6	100	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	UD	3.80	20.0	ug/L
74-97-5	Bromochloromethane	4.40	UD	4.40	20.0	ug/L
67-66-3	Chloroform	5.00	UD	5.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	UD	4.00	20.0	ug/L
108-87-2	Methylcyclohexane	140	D	3.20	20.0	ug/L
71-43-2	Benzene	1100	D	3.00	20.0	ug/L
107-06-2	1,2-Dichloroethane	4.40	UD	4.40	20.0	ug/L
79-01-6	Trichloroethene	1.90	UD	1.90	20.0	ug/L
78-87-5	1,2-Dichloropropane	4.00	UD	4.00	20.0	ug/L
75-27-4	Bromodichloromethane	4.40	UD	4.40	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	13.6	UD	13.6	100	ug/L

Raw Data: **VV039175.D**

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039175.D	20	09/25/25 12:55	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	48.3	D	2.80	20.0	ug/L
10061-02-6	t-1,3-Dichloropropene	3.40	UD	3.40	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.20	UD	3.20	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	20.0	ug/L
591-78-6	2-Hexanone	17.8	UD	17.8	100	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	20.0	ug/L
106-93-4	1,2-Dibromoethane	3.00	UD	3.00	20.0	ug/L
127-18-4	Tetrachloroethene	4.60	UD	4.60	20.0	ug/L
108-90-7	Chlorobenzene	2.40	UD	2.40	20.0	ug/L
100-41-4	Ethyl Benzene	530	D	2.60	20.0	ug/L
179601-23-1	m/p-Xylenes	1600	D	4.80	40.0	ug/L
95-47-6	o-Xylene	120	D	2.40	20.0	ug/L
100-42-5	Styrene	3.00	UD	3.00	20.0	ug/L
75-25-2	Bromoform	3.80	UD	3.80	20.0	ug/L
98-82-8	Isopropylbenzene	51.6	D	2.40	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	5.20	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	3.80	UD	3.80	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	10.6	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	47.6		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	561000	4.6			
540-36-3	1,4-Difluorobenzene	1010000	5.535			
3114-55-4	Chlorobenzene-d5	987000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	548000	11.172			

Raw Data: **VV039175.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Summer	Date Received:	09/23/25
Client Sample ID:	MW4DL	SDG No.:	Q3175
Lab Sample ID:	Q3175-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039175.D	20	09/25/25 12:55	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3175

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3175-01	MW2	1,2-Dichloroethane-d4	50	44.7	89		74	125
		Dibromofluoromethane	50	38.9	78		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	45.2	90		77	121
Q3175-01DL	MW2DL	1,2-Dichloroethane-d4	50	52.4	105		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
Q3175-01DL2	MW2DL2	1,2-Dichloroethane-d4	50	55.6	111		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121
Q3175-02	MW4	1,2-Dichloroethane-d4	50	46.6	93		74	125
		Dibromofluoromethane	50	38.8	78		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	48.4	97		77	121
Q3175-02DL	MW4DL	1,2-Dichloroethane-d4	50	54.6	109		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121
VV0924WBL01	VV0924WBL01	1,2-Dichloroethane-d4	50	62.2	124		74	125
		Dibromofluoromethane	50	54.6	109		75	124
		Toluene-d8	50	44.1	88		86	113
		4-Bromofluorobenzene	50	48.0	96		77	121
VV0924WBS02	VV0924WBS02	1,2-Dichloroethane-d4	50	49.0	98		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.5	99		86	113
		4-Bromofluorobenzene	50	52.0	104		77	121
VV0924WBSD0	VV0924WBSD02	1,2-Dichloroethane-d4	50	49.5	99		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	50.7	101		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121
VV0925WBL01	VV0925WBL01	1,2-Dichloroethane-d4	50	60.1	120		74	125
		Dibromofluoromethane	50	53.3	107		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	44.1	88		77	121
VV0925WBS01	VV0925WBS01	1,2-Dichloroethane-d4	50	45.1	90		74	125
		Dibromofluoromethane	50	47.8	96		75	124
		Toluene-d8	50	47.9	96		86	113
		4-Bromofluorobenzene	50	51.2	102		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039150.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBS02	Dichlorodifluoromethane	20	19.1	ug/L	96			69	116	
	Chloromethane	20	19.1	ug/L	96			65	116	
	Vinyl chloride	20	19.4	ug/L	97			65	117	
	Bromomethane	20	20.9	ug/L	104			58	125	
	Chloroethane	20	21.1	ug/L	106			56	128	
	Trichlorofluoromethane	20	20.0	ug/L	100			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	Tert butyl alcohol	100	110	ug/L	110			48	142	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	19.6	ug/L	98			64	112	
	Methyl tert-butyl Ether	20	20.9	ug/L	104			78	114	
	Methyl Acetate	20	22.4	ug/L	112			67	125	
	Methylene Chloride	20	22.7	ug/L	114			72	114	
	trans-1,2-Dichloroethene	20	19.7	ug/L	99			75	108	
	1,1-Dichloroethane	20	19.6	ug/L	98			78	112	
	Cyclohexane	20	18.7	ug/L	94			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	19.7	ug/L	99			77	113	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Bromochloromethane	20	20.3	ug/L	102			70	124	
	Chloroform	20	19.9	ug/L	100			79	113	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			80	108	
	Methylcyclohexane	20	19.6	ug/L	98			72	115	
	Benzene	20	20.1	ug/L	101			82	109	
	1,2-Dichloroethane	20	20.7	ug/L	104			80	115	
	Trichloroethene	20	20.3	ug/L	102			77	113	
	1,2-Dichloropropane	20	20.9	ug/L	104			83	111	
	Bromodichloromethane	20	20.6	ug/L	103			83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	21.8	ug/L	109			82	110	
	t-1,3-Dichloropropene	20	21.6	ug/L	108			79	110	
	cis-1,3-Dichloropropene	20	21.5	ug/L	108			82	110	
	1,1,2-Trichloroethane	20	21.0	ug/L	105			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.5	ug/L	103			82	110	
	1,2-Dibromoethane	20	21.5	ug/L	108			81	110	
	Tetrachloroethene	20	20.2	ug/L	101			67	123	
	Chlorobenzene	20	19.8	ug/L	99			82	109	
	Ethyl Benzene	20	19.9	ug/L	100			83	109	
	m/p-Xylenes	40	43.2	ug/L	108			82	110	
	o-Xylene	20	20.4	ug/L	102			83	109	
	Styrene	20	18.9	ug/L	95			80	111	
	Bromoform	20	21.4	ug/L	107			79	109	
	Isopropylbenzene	20	19.8	ug/L	99			83	112	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/L	96			76	118	
	1,3-Dichlorobenzene	20	19.6	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.2	ug/L	96			82	107	

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039150.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBS02	1,2-Dichlorobenzene	20	19.0	ug/L	95			82	109	
	1,2-Dibromo-3-Chloropropane	20	21.3	ug/L	106			68	112	
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94			75	113	
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039165.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBSD02	Dichlorodifluoromethane	20	18.1	ug/L	91	5		69	116	19
	Chloromethane	20	18.2	ug/L	91	5		65	116	21
	Vinyl chloride	20	18.1	ug/L	91	6		65	117	19
	Bromomethane	20	14.7	ug/L	74	34	*	58	125	20
	Chloroethane	20	20.0	ug/L	100	6		56	128	20
	Trichlorofluoromethane	20	18.9	ug/L	95	5		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.0	ug/L	95	4		80	112	15
	Tert butyl alcohol	100	110	ug/L	110	0		48	142	30
	1,1-Dichloroethene	20	19.4	ug/L	97	3		74	110	20
	Acetone	100	79.7	ug/L	80	32	*	60	125	20
	Carbon disulfide	20	18.3	ug/L	92	6		64	112	20
	Methyl tert-butyl Ether	20	19.3	ug/L	97	7		78	114	20
	Methyl Acetate	20	20.1	ug/L	101	10		67	125	20
	Methylene Chloride	20	20.9	ug/L	104	9		72	114	20
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	6		75	108	16
	1,1-Dichloroethane	20	18.1	ug/L	91	7		78	112	20
	Cyclohexane	20	18.4	ug/L	92	2		75	110	20
	2-Butanone	100	92.0	ug/L	92	18		65	122	26
	Carbon Tetrachloride	20	18.2	ug/L	91	8		77	113	15
	cis-1,2-Dichloroethene	20	18.8	ug/L	94	4		77	110	20
	Bromochloromethane	20	19.2	ug/L	96	6		70	124	20
	Chloroform	20	18.4	ug/L	92	8		79	113	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	8		80	108	20
	Methylcyclohexane	20	18.2	ug/L	91	7		72	115	20
	Benzene	20	18.8	ug/L	94	7		82	109	15
	1,2-Dichloroethane	20	18.5	ug/L	93	11		80	115	20
	Trichloroethene	20	19.2	ug/L	96	6		77	113	15
	1,2-Dichloropropane	20	19.4	ug/L	97	7		83	111	16
	Bromodichloromethane	20	18.3	ug/L	92	11		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	18		74	118	25
	Toluene	20	20.0	ug/L	100	9		82	110	16
	t-1,3-Dichloropropene	20	18.5	ug/L	93	15		79	110	20
	cis-1,3-Dichloropropene	20	19.2	ug/L	96	12		82	110	16
	1,1,2-Trichloroethane	20	18.5	ug/L	93	12		83	112	20
	2-Hexanone	100	91.4	ug/L	91	19		73	117	25
	Dibromochloromethane	20	18.5	ug/L	93	10		82	110	20
	1,2-Dibromoethane	20	19.3	ug/L	97	11		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	2		67	123	15
	Chlorobenzene	20	19.9	ug/L	100	1		82	109	15
	Ethyl Benzene	20	19.2	ug/L	96	4		83	109	16
	m/p-Xylenes	40	40.4	ug/L	101	7		82	110	15
	o-Xylene	20	19.8	ug/L	99	3		83	109	20
	Styrene	20	17.9	ug/L	90	5		80	111	17
	Bromoform	20	18.8	ug/L	94	13		79	109	20
	Isopropylbenzene	20	19.6	ug/L	98	1		83	112	29
	1,1,2,2-Tetrachloroethane	20	17.9	ug/L	90	6		76	118	20
	1,3-Dichlorobenzene	20	18.7	ug/L	94	4		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	6		82	107	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039165.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBSD02	1,2-Dichlorobenzene	20	18.5	ug/L	93	2		82	109	20
	1,2-Dibromo-3-Chloropropane	20	19.7	ug/L	99	7		68	112	20
	1,2,4-Trichlorobenzene	20	18.4	ug/L	92	2		75	113	29
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94	2		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039171.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0925WBS01	Dichlorodifluoromethane	20	18.2	ug/L	91			69	116	
	Chloromethane	20	19.1	ug/L	96			65	116	
	Vinyl chloride	20	19.4	ug/L	97			65	117	
	Bromomethane	20	18.7	ug/L	94			58	125	
	Chloroethane	20	19.3	ug/L	97			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			80	112	
	Tert butyl alcohol	100	110	ug/L	110			48	142	
	1,1-Dichloroethene	20	19.9	ug/L	100			74	110	
	Acetone	100	89.0	ug/L	89			60	125	
	Carbon disulfide	20	19.0	ug/L	95			64	112	
	Methyl tert-butyl Ether	20	20.0	ug/L	100			78	114	
	Methyl Acetate	20	21.2	ug/L	106			67	125	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	19.7	ug/L	99			75	108	
	1,1-Dichloroethane	20	19.3	ug/L	97			78	112	
	Cyclohexane	20	18.2	ug/L	91			75	110	
	2-Butanone	100	97.1	ug/L	97			65	122	
	Carbon Tetrachloride	20	19.4	ug/L	97			77	113	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Bromochloromethane	20	20.5	ug/L	103			70	124	
	Chloroform	20	19.2	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			80	108	
	Methylcyclohexane	20	19.2	ug/L	96			72	115	
	Benzene	20	19.9	ug/L	100			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	20.4	ug/L	102			77	113	
	1,2-Dichloropropane	20	20.5	ug/L	103			83	111	
	Bromodichloromethane	20	19.3	ug/L	97			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	21.5	ug/L	108			82	110	
	t-1,3-Dichloropropene	20	20.1	ug/L	101			79	110	
	cis-1,3-Dichloropropene	20	20.2	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.0	ug/L	100			83	112	
	2-Hexanone	100	99.6	ug/L	100			73	117	
	Dibromochloromethane	20	20.2	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	20.2	ug/L	101			67	123	
	Chlorobenzene	20	20.1	ug/L	101			82	109	
	Ethyl Benzene	20	20.0	ug/L	100			83	109	
	m/p-Xylenes	40	43.1	ug/L	108			82	110	
	o-Xylene	20	21.0	ug/L	105			83	109	
	Styrene	20	19.3	ug/L	97			80	111	
	Bromoform	20	20.5	ug/L	103			79	109	
	Isopropylbenzene	20	20.6	ug/L	103			83	112	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			76	118	
	1,3-Dichlorobenzene	20	19.6	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	18.9	ug/L	95			82	107	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3175 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039171.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0925WBS01	1,2-Dichlorobenzene	20	19.8	ug/L	99			82	109	
	1,2-Dibromo-3-Chloropropane	20	22.1	ug/L	111			68	112	
	1,2,4-Trichlorobenzene	20	19.2	ug/L	96			75	113	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV0924WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3175

Lab File ID: VV039148.D Lab Sample ID: VV0924WBL01

Date Analyzed: 09/24/2025 Time Analyzed: 13:09

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0924WBS02	VV0924WBS02	VV039150.D	09/24/2025
MW2	Q3175-01	VV039153.D	09/24/2025
MW4	Q3175-02	VV039154.D	09/24/2025
VV0924WBSD02	VV0924WBSD02	VV039165.D	09/24/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV0925WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3175

Lab File ID: VV039170.D | Lab Sample ID: VV0925WBL01

Date Analyzed: 09/25/2025 | Time Analyzed: 11:01

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0925WBS01	VV0925WBS01	VV039171.D	09/25/2025
MW2DL	Q3175-01DL	VV039174.D	09/25/2025
MW4DL	Q3175-02DL	VV039175.D	09/25/2025
MW2DL2	Q3175-01DL2	VV039179.D	09/25/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3175

Lab File ID: VV039134.D | BFB Injection Date: 09/22/2025

Instrument ID: MSVOA_V | BFB Injection Time: 10:15

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.4 (96) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC010	VSTDICC010	VV039137.D	09/22/2025	12:26
VSTDICC020	VSTDICC020	VV039138.D	09/22/2025	12:48
VSTDICCC050	VSTDICCC050	VV039139.D	09/22/2025	13:26
VSTDICC100	VSTDICC100	VV039140.D	09/22/2025	13:49
VSTDICC005	VSTDICC005	VV039142.D	09/22/2025	15:37
VSTDICC001	VSTDICC001	VV039143.D	09/22/2025	16:35

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3175

Lab File ID: VV039145.D | BFB Injection Date: 09/24/2025

Instrument ID: MSVOA_V | BFB Injection Time: 09:52

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.4 (1.9) 1
174	50.0 - 100.0% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.2 (6.7) 1
176	95.0 - 101.0% of mass 174	73.5 (95.3) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039146.D	09/24/2025	10:49
VV0924WBL01	VV0924WBL01	VV039148.D	09/24/2025	13:09
VV0924WBS02	VV0924WBS02	VV039150.D	09/24/2025	14:01
MW2	Q3175-01	VV039153.D	09/24/2025	15:31
MW4	Q3175-02	VV039154.D	09/24/2025	15:53
VV0924WBSD02	VV0924WBSD02	VV039165.D	09/24/2025	19:59

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3175

Lab File ID: VV039167.D | BFB Injection Date: 09/25/2025

Instrument ID: MSVOA_V | BFB Injection Time: 09:14

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.2
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.3 (1.7) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5.7 (7.9) 1
176	95.0 - 101.0% of mass 174	69.9 (96.6) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039168.D	09/25/2025	09:59
VV0925WBL01	VV0925WBL01	VV039170.D	09/25/2025	11:01
VV0925WBS01	VV0925WBS01	VV039171.D	09/25/2025	11:24
MW2DL	Q3175-01DL	VV039174.D	09/25/2025	12:33
MW4DL	Q3175-02DL	VV039175.D	09/25/2025	12:55
MW2DL2	Q3175-01DL2	VV039179.D	09/25/2025	14:25

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3175

Lab File ID: VV039146.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_V Time Analyzed: 10:49

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	558154	4.60	907128	5.53	923608	8.78
UPPER LIMIT	1116310	5.1	1814260	6.032	1847220	9.277
LOWER LIMIT	279077	4.1	453564	5.032	461804	8.277
EPA SAMPLE NO.						
MW2	378275	4.60	655768	5.54	600147	8.78
MW4	627637	4.60	1091934	5.54	1002921	8.78
VV0924WBL01	463770	4.60	858892	5.53	831675	8.77
VV0924WBS02	492318	4.60	795602	5.53	784865	8.78
VV0924WBSD02	545364	4.60	903558	5.53	885424	8.78

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3175

Lab File ID: VV039146.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_V Time Analyzed: 10:49

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	551620	11.172				
UPPER LIMIT	1103240	11.672				
LOWER LIMIT	275810	10.672				
EPA SAMPLE NO.						
MW2	318916	11.18				
MW4	492612	11.18				
VV0924WBL01	379013	11.18				
VV0924WBS02	468522	11.17				
VV0924WBSD02	510716	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3175

Lab File ID: VV039168.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_V Time Analyzed: 09:59

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	605297	4.60	933338	5.53	901987	8.77
UPPER LIMIT	1210590	5.096	1866680	6.029	1803970	9.273
LOWER LIMIT	302649	4.096	466669	5.029	450994	8.273
EPA SAMPLE NO.						
MW2DL	563178	4.60	979530	5.54	954674	8.78
MW2DL2	457907	4.60	814896	5.54	779302	8.78
MW4DL	560555	4.60	1013068	5.54	987441	8.78
VV0925WBL01	480047	4.60	864912	5.53	870930	8.78
VV0925WBS01	557017	4.60	898902	5.54	871912	8.78

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3175

Lab File ID: VV039168.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_V Time Analyzed: 09:59

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	535710	11.172				
UPPER LIMIT	1071420	11.672				
LOWER LIMIT	267855	10.672				
EPA SAMPLE NO.						
MW2DL	558535	11.17				
MW2DL2	406825	11.18				
MW4DL	548334	11.17				
VV0925WBL01	413592	11.18				
VV0925WBS01	508947	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **VV039148.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039148.D	1	09/24/25 13:09	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039148.D	1	09/24/25 13:09	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.2		74 - 125	124%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	44.1		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	4.596			
540-36-3	1,4-Difluorobenzene	859000	5.532			
3114-55-4	Chlorobenzene-d5	832000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	379000	11.175			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039148.D	1	09/24/25 13:09	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039170.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039170.D	1	09/25/25 11:01	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039170.D	1	09/25/25 11:01	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.1		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.1		77 - 121	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	480000	4.597			
540-36-3	1,4-Difluorobenzene	865000	5.532			
3114-55-4	Chlorobenzene-d5	871000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	414000	11.175			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBL01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039170.D	1	09/25/25 11:01	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039150.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBS02	SDG No.:	Q3175
Lab Sample ID:	VV0924WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039150.D	1	09/24/25 14:01	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	20.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	22.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.22	1.00	ug/L
67-66-3	Chloroform	19.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.6		0.16	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBS02	SDG No.:	Q3175
Lab Sample ID:	VV0924WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039150.D	1	09/24/25 14:01	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.4		0.12	1.00	ug/L
100-42-5	Styrene	18.9		0.15	1.00	ug/L
75-25-2	Bromoform	21.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	492000	4.6			
540-36-3	1,4-Difluorobenzene	796000	5.532			
3114-55-4	Chlorobenzene-d5	785000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	469000	11.172			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBS02	SDG No.:	Q3175
Lab Sample ID:	VV0924WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039150.D	1	09/24/25 14:01	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039171.D	1	09/25/25 11:24	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.2		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	19.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.9		0.23	1.00	ug/L
67-64-1	Acetone	89.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.50	5.00	ug/L
78-93-3	2-Butanone	97.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.5		0.22	1.00	ug/L
67-66-3	Chloroform	19.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.2		0.16	1.00	ug/L
71-43-2	Benzene	19.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039171.D	1	09/25/25 11:24	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	99.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.1		0.24	2.00	ug/L
95-47-6	o-Xylene	21.0		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.1		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	47.9		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	557000	4.6			
540-36-3	1,4-Difluorobenzene	899000	5.535			
3114-55-4	Chlorobenzene-d5	872000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	509000	11.172			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3175
Lab Sample ID:	VV0925WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039171.D	1	09/25/25 11:24	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBSD02	SDG No.:	Q3175
Lab Sample ID:	VV0924WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039165.D	1	09/24/25 19:59	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
74-83-9	Bromomethane	14.7		1.40	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.0		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.4		0.23	1.00	ug/L
67-64-1	Acetone	79.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	92.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.2		0.22	1.00	ug/L
67-66-3	Chloroform	18.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.2		0.16	1.00	ug/L
71-43-2	Benzene	18.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

Raw Data: **VV039165.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Summer		Date Received:		
Client Sample ID:	VV0924WBSD02		SDG No.:	Q3175	
Lab Sample ID:	VV0924WBSD02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039165.D	1	09/24/25 19:59	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.4		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	545000	4.6			
540-36-3	1,4-Difluorobenzene	904000	5.532			
3114-55-4	Chlorobenzene-d5	885000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	511000	11.172			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Summer	Date Received:	
Client Sample ID:	VV0924WBSD02	SDG No.:	Q3175
Lab Sample ID:	VV0924WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039165.D	1	09/24/25 19:59	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3175

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.848	0.757	0.740	0.699	0.772	0.934	0.792	10.8
Chloromethane	0.949	0.814	0.770	0.729	0.889	0.946	0.850	10.9
Vinyl Chloride	1.007	0.856	0.836	0.801	0.932	1.026	0.910	10.3
Bromomethane	0.631	0.548	0.508	0.524	0.655		0.573	11.5
Chloroethane	0.662	0.568	0.533	0.500	0.606	0.915	0.631	23.8
Trichlorofluoromethane	1.394	1.253	1.193	1.151	1.365	1.546	1.317	11.2
1,1,2-Trichlorotrifluoroethane	0.839	0.732	0.702	0.686	0.804	0.939	0.784	12.3
Tert butyl alcohol	0.169	0.157	0.137	0.136	0.166		0.153	10.3
1,1-Dichloroethene	0.804	0.721	0.674	0.663	0.789	0.873	0.754	10.9
Acetone	0.537	0.458	0.449	0.414	0.569	0.712	0.523	20.8
Carbon Disulfide	2.453	2.181	2.081	1.986	2.462	2.670	2.306	11.4
Methyl tert-butyl Ether	2.547	2.285	2.233	2.202	2.556	2.591	2.402	7.5
Methyl Acetate	1.146	1.036	0.983	0.973	1.097	1.198	1.072	8.5
Methylene Chloride	0.930	0.848	0.779	0.742	1.113	1.987	1.066	44
trans-1,2-Dichloroethene	0.846	0.755	0.724	0.696	0.835	0.959	0.803	12.1
1,1-Dichloroethane	1.669	1.466	1.388	1.329	1.659	1.942	1.576	14.4
Cyclohexane	1.325	1.222	1.245	1.254	1.407		1.291	5.9
2-Butanone	0.604	0.584	0.586	0.580	0.570	0.554	0.579	2.9
Carbon Tetrachloride	0.742	0.710	0.703	0.675	0.736	0.890	0.743	10.2
cis-1,2-Dichloroethene	0.908	0.842	0.868	0.860	0.832	1.001	0.885	7.1
Bromochloromethane	0.836	0.753	0.679	0.637	0.525	0.743	0.696	15.5
Chloroform	1.752	1.570	1.490	1.433	1.746	1.880	1.645	10.6
1,1,1-Trichloroethane	1.562	1.321	1.298	1.263	1.513	1.590	1.424	10.3
Methylcyclohexane	0.701	0.720	0.823	0.857	0.680	0.622	0.734	12.2
Benzene	2.077	1.978	1.990	1.931	1.963	1.936	1.979	2.7
1,2-Dichloroethane	0.725	0.694	0.666	0.643	0.693	0.740	0.693	5.2
Trichloroethene	0.471	0.456	0.463	0.454	0.460	0.435	0.457	2.6
1,2-Dichloropropane	0.509	0.519	0.502	0.486	0.471	0.465	0.492	4.4
Bromodichloromethane	0.832	0.764	0.753	0.725	0.767	0.829	0.778	5.5
4-Methyl-2-Pentanone	0.715	0.736	0.732	0.714	0.613	0.459	0.661	16.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3175

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Toluene	1.211	1.199	1.229	1.214	1.130	0.901	1.147	10.9
t-1,3-Dichloropropene	0.701	0.696	0.728	0.753	0.645	0.548	0.678	10.8
cis-1,3-Dichloropropene	0.803	0.777	0.811	0.803	0.704	0.595	0.749	11.4
1,1,2-Trichloroethane	0.534	0.502	0.494	0.480	0.524	0.553	0.514	5.3
2-Hexanone	0.505	0.534	0.546	0.533	0.429	0.231	0.463	26.2
Dibromochloromethane	0.605	0.570	0.567	0.558	0.598	0.620	0.586	4.2
1,2-Dibromoethane	0.556	0.538	0.529	0.514	0.535	0.484	0.526	4.7
Tetrachloroethene	0.435	0.412	0.412	0.407	0.431	0.415	0.419	2.7
Chlorobenzene	1.403	1.368	1.383	1.358	1.417	1.428	1.393	2
Ethyl Benzene	2.028	2.143	2.382	2.418	1.953	1.725	2.108	12.5
m/p-Xylenes	0.820	0.882	0.949	0.938	0.713	0.580	0.814	17.7
o-Xylene	0.703	0.742	0.846	0.880	0.635	0.518	0.720	18.7
Styrene	1.239	1.381	1.553	1.537	1.038	0.828	1.263	22.8
Bromoform	0.396	0.384	0.396	0.400	0.385	0.397	0.393	1.7
Isopropylbenzene	3.564	3.638	3.939	4.096	3.296	3.226	3.627	9.5
1,1,2,2-Tetrachloroethane	1.600	1.461	1.425	1.389	1.684	1.975	1.589	13.8
1,3-Dichlorobenzene	1.931	1.836	1.857	1.882	1.943	1.975	1.904	2.8
1,4-Dichlorobenzene	2.070	1.951	1.934	1.919	2.139	2.522	2.089	11
1,2-Dichlorobenzene	1.751	1.652	1.738	1.802	1.797	1.935	1.779	5.3
1,2-Dibromo-3-Chloropropane	0.299	0.283	0.285	0.302	0.333	0.476	0.330	22.4
1,2,4-Trichlorobenzene	0.928	0.963	1.076	1.189	0.935	1.028	1.020	9.9
1,2,3-Trichlorobenzene	0.974	0.973	1.107	1.191	0.901	1.113	1.043	10.6
1,2-Dichloroethane-d4	0.773	0.663	0.646	0.618	0.919		0.724	17.1
Dibromofluoromethane	0.435	0.382	0.377	0.360	0.454		0.402	10.1
Toluene-d8	1.166	1.092	1.136	1.097	1.411		1.181	11.2
4-Bromofluorobenzene	0.481	0.464	0.507	0.501	0.477		0.486	3.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3175
Instrument ID: MSVOA_V
Calibration Date/Time: 09/24/2025 10:49
Lab File ID: VV039146.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.627		-20.83	20
Chloromethane	0.850	0.730	0.1	-14.12	20
Vinyl Chloride	0.910	0.742		-18.46	20
Bromomethane	0.573	0.504		-12.04	20
Chloroethane	0.631	0.488		-22.66	20
Trichlorofluoromethane	1.317	1.061		-19.44	20
1,1,2-Trichlorotrifluoroethane	0.784	0.628		-19.9	20
Tert butyl alcohol	0.153	0.157		2.61	20
1,1-Dichloroethene	0.754	0.615		-18.43	20
Acetone	0.523	0.448		-14.34	20
Carbon Disulfide	2.306	1.849		-19.82	20
Methyl tert-butyl Ether	2.402	2.294		-4.5	20
Methyl Acetate	1.072	1.090		1.68	20
Methylene Chloride	1.066	0.777		-27.11	20
trans-1,2-Dichloroethene	0.803	0.683		-14.94	20
1,1-Dichloroethane	1.576	1.323	0.1	-16.05	20
Cyclohexane	1.291	1.047		-18.9	20
2-Butanone	0.579	0.608		5.01	20
Carbon Tetrachloride	0.743	0.609		-18.03	20
cis-1,2-Dichloroethene	0.885	0.808		-8.7	20
Bromochloromethane	0.696	0.683		-1.87	20
Chloroform	1.645	1.449		-11.91	20
1,1,1-Trichloroethane	1.424	1.169		-17.91	20
Methylcyclohexane	0.734	0.667		-9.13	20
Benzene	1.979	1.817		-8.19	20
1,2-Dichloroethane	0.693	0.655		-5.48	20
Trichloroethene	0.457	0.405		-11.38	20
1,2-Dichloropropane	0.492	0.476		-3.25	20
Bromodichloromethane	0.778	0.727		-6.55	20
4-Methyl-2-Pentanone	0.661	0.751		13.62	20
Toluene	1.147	1.120		-2.35	20
t-1,3-Dichloropropene	0.678	0.704		3.84	20
cis-1,3-Dichloropropene	0.749	0.769		2.67	20
1,1,2-Trichloroethane	0.514	0.500		-2.72	20
2-Hexanone	0.463	0.557		20.3	20
Dibromochloromethane	0.586	0.559		-4.61	20
1,2-Dibromoethane	0.526	0.530		0.76	20
Tetrachloroethene	0.419	0.347		-17.18	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3175

Instrument ID: MSVOA_V Calibration Date/Time: 09/24/2025 10:49

Lab File ID: VV039146.D Init. Calib. Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.393	1.221	0.3	-12.35	20
Ethyl Benzene	2.108	1.997		-5.27	20
m/p-Xylenes	0.814	0.814		0	20
o-Xylene	0.720	0.732		1.67	20
Styrene	1.263	1.382		9.42	20
Bromoform	0.393	0.378	0.1	-3.82	20
Isopropylbenzene	3.627	3.308		-8.8	20
1,1,2,2-Tetrachloroethane	1.589	1.354	0.3	-14.79	20
1,3-Dichlorobenzene	1.904	1.649		-13.39	20
1,4-Dichlorobenzene	2.089	1.730		-17.18	20
1,2-Dichlorobenzene	1.779	1.564		-12.09	20
1,2-Dibromo-3-Chloropropane	0.330	0.288		-12.73	20
1,2,4-Trichlorobenzene	1.020	0.948		-7.06	20
1,2,3-Trichlorobenzene	1.043	1.000		-4.12	20
1,2-Dichloroethane-d4	0.724	0.661		-8.7	20
Dibromofluoromethane	0.402	0.366		-8.95	20
Toluene-d8	1.181	1.053		-10.84	20
4-Bromofluorobenzene	0.486	0.489		0.62	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3175
Instrument ID: MSVOA_V
Calibration Date/Time: 09/25/2025 09:59
Lab File ID: VV039168.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.682		-13.89	20
Chloromethane	0.850	0.729	0.1	-14.23	20
Vinyl Chloride	0.910	0.819		-10	20
Bromomethane	0.573	0.458		-20.07	20
Chloroethane	0.631	0.507		-19.65	20
Trichlorofluoromethane	1.317	1.199		-8.96	20
1,1,2-Trichlorotrifluoroethane	0.784	0.710		-9.44	20
Tert butyl alcohol	0.153	0.153		0	20
1,1-Dichloroethene	0.754	0.698		-7.43	20
Acetone	0.523	0.406		-22.37	20
Carbon Disulfide	2.306	2.004		-13.1	20
Methyl tert-butyl Ether	2.402	2.247		-6.45	20
Methyl Acetate	1.072	0.995		-7.18	20
Methylene Chloride	1.066	0.788		-26.08	20
trans-1,2-Dichloroethene	0.803	0.724		-9.84	20
1,1-Dichloroethane	1.576	1.367	0.1	-13.26	20
Cyclohexane	1.291	1.147		-11.15	20
2-Butanone	0.579	0.544		-6.05	20
Carbon Tetrachloride	0.743	0.689		-7.27	20
cis-1,2-Dichloroethene	0.885	0.825		-6.78	20
Bromochloromethane	0.696	0.612		-12.07	20
Chloroform	1.645	1.426		-13.31	20
1,1,1-Trichloroethane	1.424	1.255		-11.87	20
Methylcyclohexane	0.734	0.797		8.58	20
Benzene	1.979	1.926		-2.68	20
1,2-Dichloroethane	0.693	0.639		-7.79	20
Trichloroethene	0.457	0.463		1.31	20
1,2-Dichloropropane	0.492	0.493		0.2	20
Bromodichloromethane	0.778	0.729		-6.3	20
4-Methyl-2-Pentanone	0.661	0.702		6.2	20
Toluene	1.147	1.204		4.97	20
t-1,3-Dichloropropene	0.678	0.709		4.57	20
cis-1,3-Dichloropropene	0.749	0.783		4.54	20
1,1,2-Trichloroethane	0.514	0.498		-3.11	20
2-Hexanone	0.463	0.528		14.04	20
Dibromochloromethane	0.586	0.574		-2.05	20
1,2-Dibromoethane	0.526	0.534		1.52	20
Tetrachloroethene	0.419	0.418		-0.24	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3175

Instrument ID: MSVOA_V Calibration Date/Time: 09/25/2025 09:59

Lab File ID: VV039168.D Init. Calib. Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.393	1.377	0.3	-1.15	20
Ethyl Benzene	2.108	2.320		10.06	20
m/p-Xylenes	0.814	0.936		14.99	20
o-Xylene	0.720	0.841		16.81	20
Styrene	1.263	1.530		21.14	20
Bromoform	0.393	0.402	0.1	2.29	20
Isopropylbenzene	3.627	3.946		8.8	20
1,1,2,2-Tetrachloroethane	1.589	1.396	0.3	-12.15	20
1,3-Dichlorobenzene	1.904	1.857		-2.47	20
1,4-Dichlorobenzene	2.089	1.903		-8.9	20
1,2-Dichlorobenzene	1.779	1.736		-2.42	20
1,2-Dibromo-3-Chloropropane	0.330	0.292		-11.52	20
1,2,4-Trichlorobenzene	1.020	1.062		4.12	20
1,2,3-Trichlorobenzene	1.043	1.082		3.74	20
1,2-Dichloroethane-d4	0.724	0.609		-15.88	20
Dibromofluoromethane	0.402	0.384		-4.48	20
Toluene-d8	1.181	1.121		-5.08	20
4-Bromofluorobenzene	0.486	0.508		4.53	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 25 04:48:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	378275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	655768	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.779	117	600147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	318916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	244683	44.693	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	89.380%		
35) Dibromofluoromethane	4.503	113	205255	38.934	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	77.860%#		
50) Toluene-d8	7.239	98	737311	47.619	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	10.005	95	288262	45.224	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	90.440%		
Target Compounds						Qvalue
17) Carbon Disulfide	2.262	76	26662	1.529	ug/l #	93
31) Cyclohexane	4.583	56	3994761	409.101	ug/l	96
39) Methylcyclohexane	6.046	83	2582048	268.253	ug/l	99
40) Benzene	5.008	78	11848259	456.496	ug/l	98
52) Toluene	7.307	92	1554151	103.275	ug/l	99
67) Ethyl Benzene	8.924	91	32943870m	1301.902	ug/l	
68) m/p-Xylenes	9.059	106	30412638m	3113.968	ug/l	
69) o-Xylene	9.471	106	1043936	120.719	ug/l	99
73) Isopropylbenzene	9.857	105	9939721	429.711	ug/l	99
78) n-propylbenzene	10.268	91	18384305m	652.664	ug/l	
80) 1,3,5-Trimethylbenzene	10.458	105	19445969m	1011.427	ug/l	
84) 1,2,4-Trimethylbenzene	10.831	105	29248488m	1566.967	ug/l	
85) sec-Butylbenzene	11.014	105	1244555	48.943	ug/l	100
86) p-Isopropyltoluene	11.172	119	718828m	33.964	ug/l	
89) n-Butylbenzene	11.574	91	2920675m	144.495	ug/l	
95) Naphthalene	13.413	128	22556658m	1072.874	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

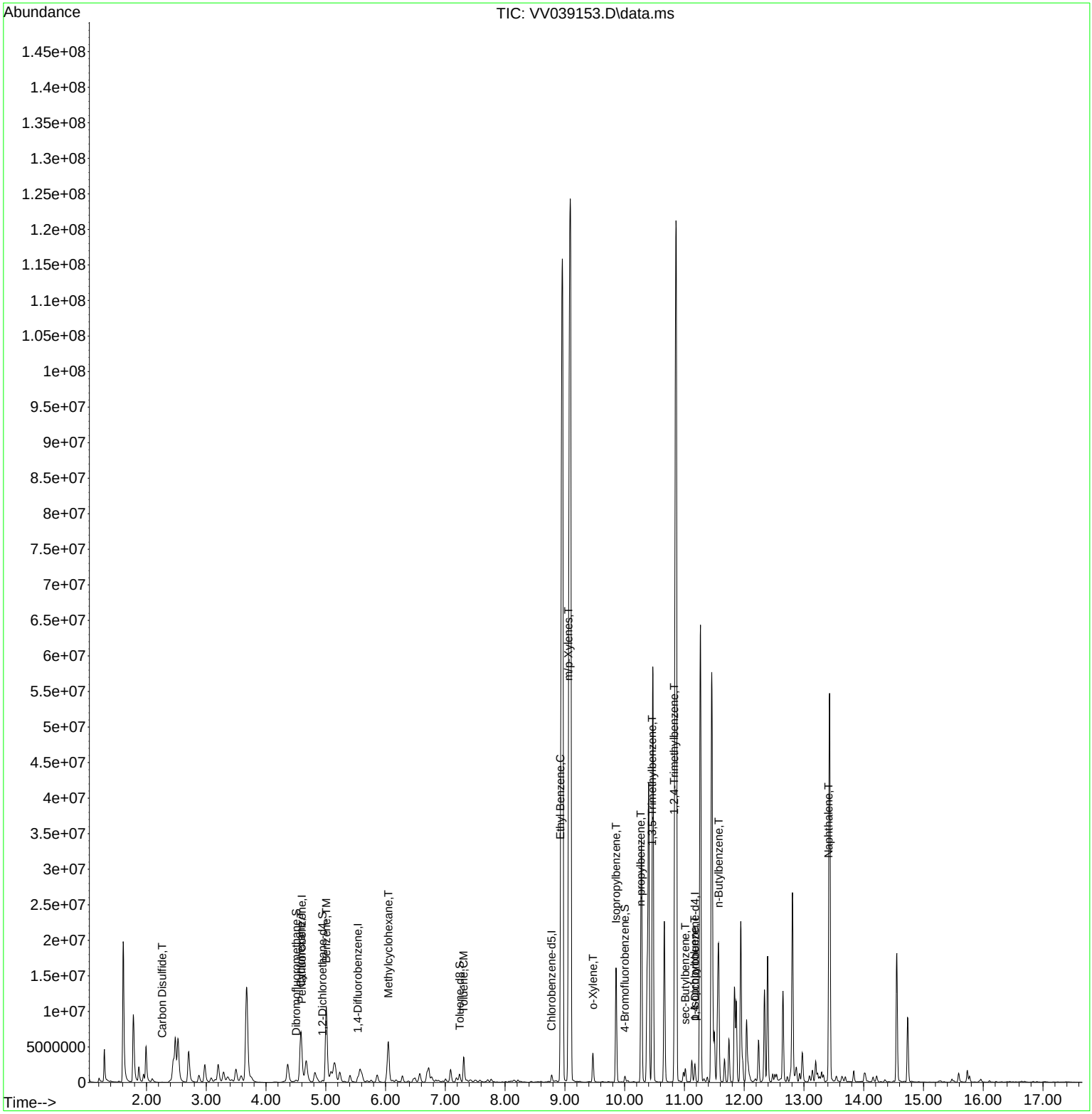
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

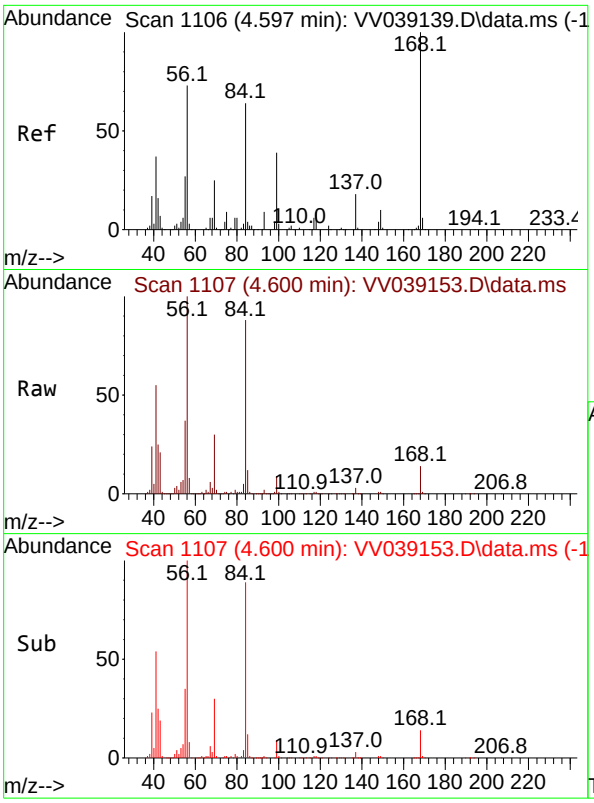
Quant Time: Sep 25 04:48:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

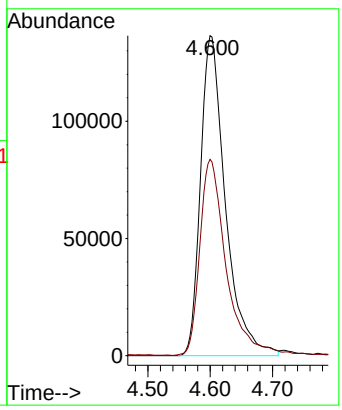




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:168 Resp: 37827

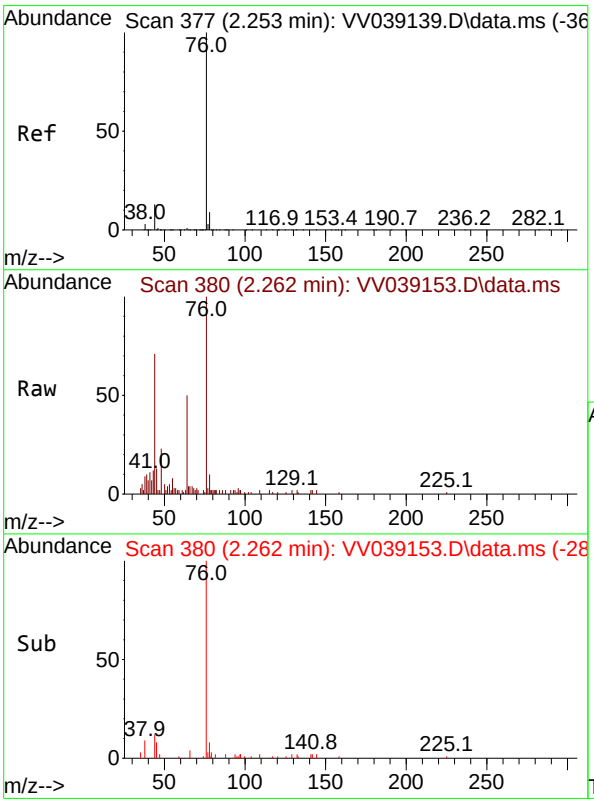
Ion	Ratio	Lower	Upper
168	100		
99	61.1	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW2

Manual Integrations
APPROVED

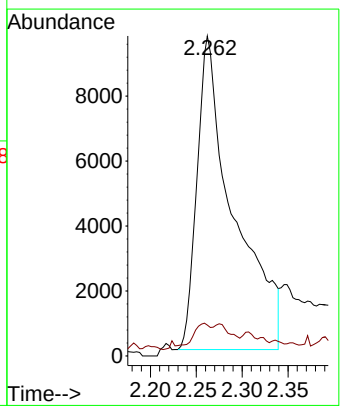
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

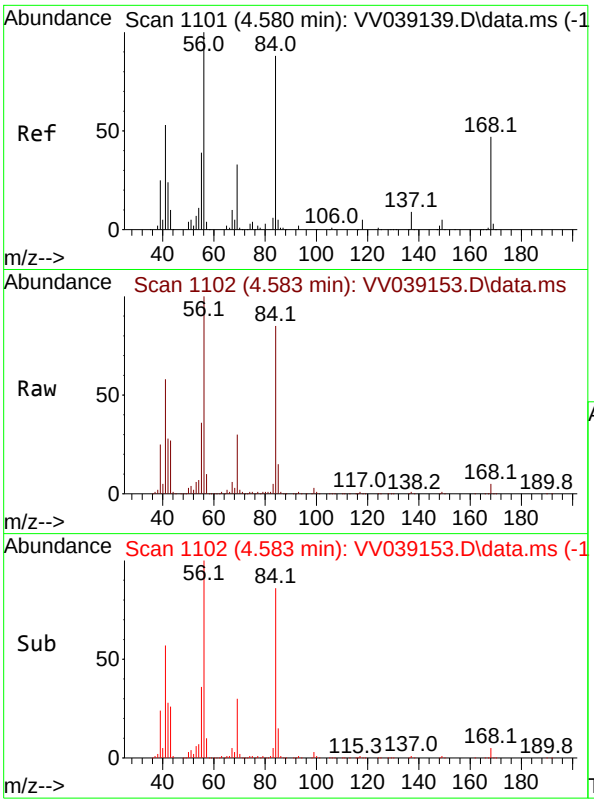


#17
Carbon Disulfide
Concen: 1.529 ug/l
RT: 2.262 min Scan# 380
Delta R.T. 0.009 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 76 Resp: 26662

Ion	Ratio	Lower	Upper
76	100		
78	6.5	7.4	11.0#

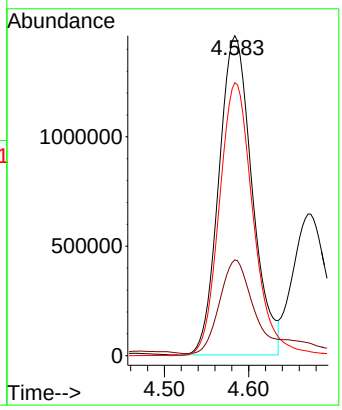




#31
Cyclohexane
Concen: 409.101 ug/l
RT: 4.583 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 56 Resp: 399476

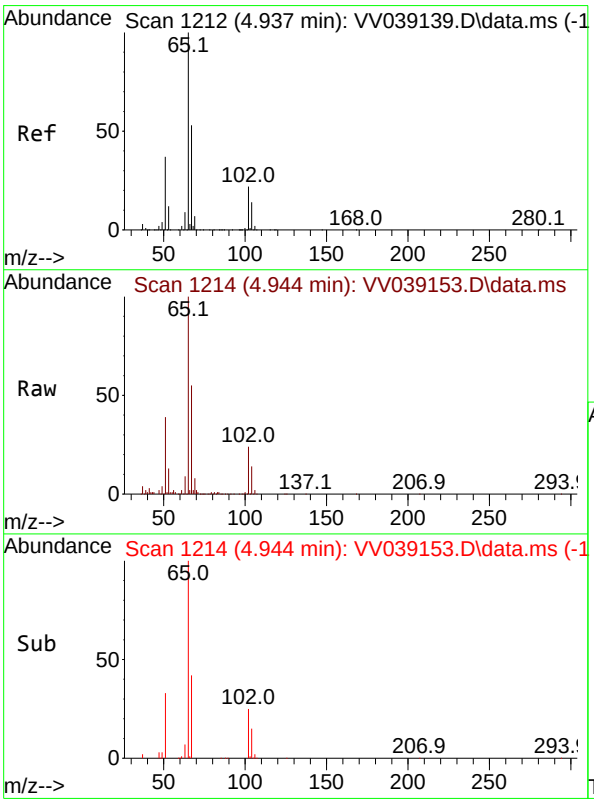
Ion	Ratio	Lower	Upper
56	100		
69	29.2	26.2	39.2
84	85.5	70.3	105.5



Instrument :
MSVOA_V
ClientSampleId :
MW2

Manual Integrations
APPROVED

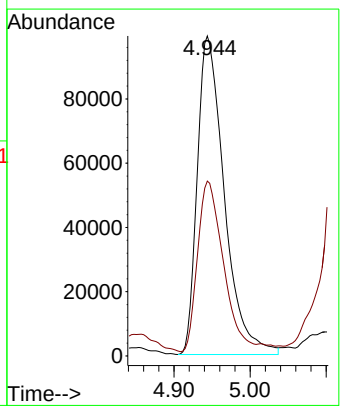
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

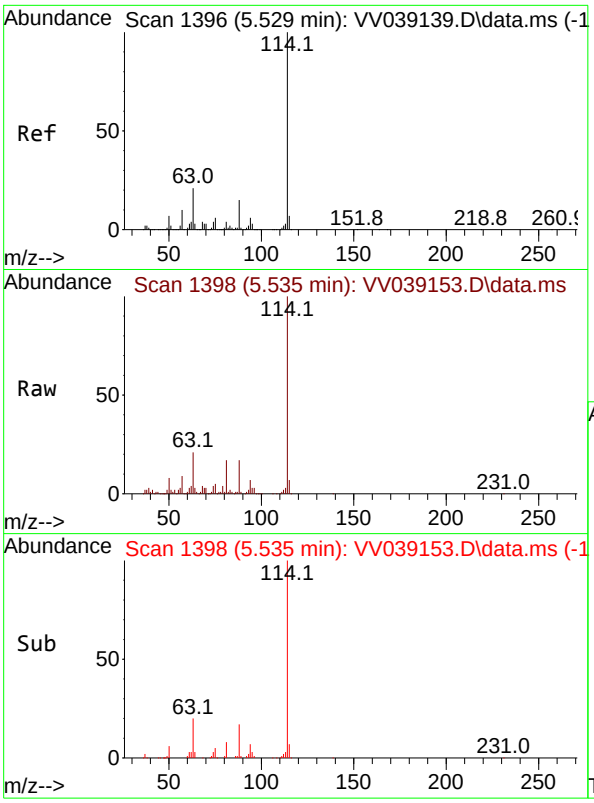


#33
1,2-Dichloroethane-d4
Concen: 44.693 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 65 Resp: 244683

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.0

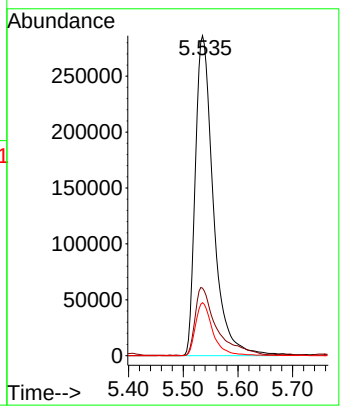




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:114 Resp: 65576

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.5	0.0	30.8



Instrument :
MSVOA_V
ClientSampleId :
MW2

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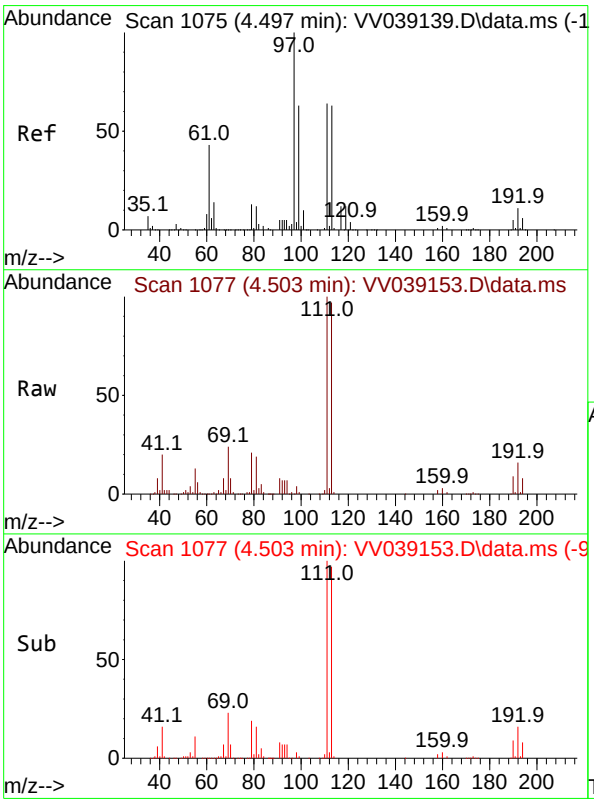
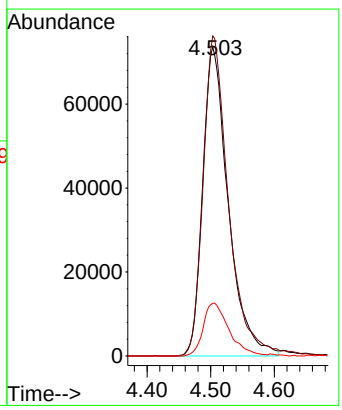
Supervised By :Semsettin Yesilyurt 09/26/2025

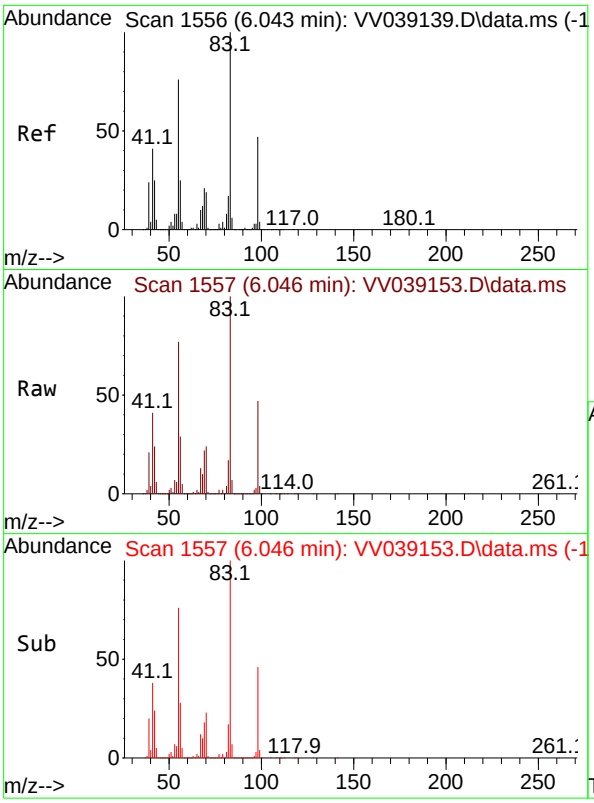


#35
Dibromofluoromethane
Concen: 38.934 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:113 Resp: 205255

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	17.3	13.8	20.8

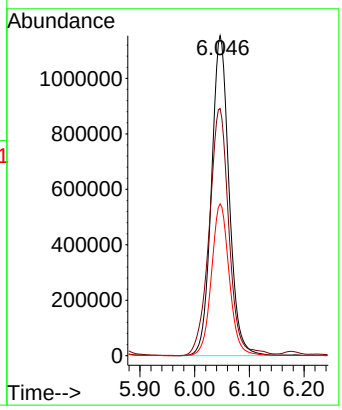




#39
Methylcyclohexane
Concen: 268.253 ug/l
RT: 6.046 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 83 Resp: 258204

Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.5	90.7
98	47.4	37.8	56.6



Instrument :
MSVOA_V
ClientSampleId :
MW2

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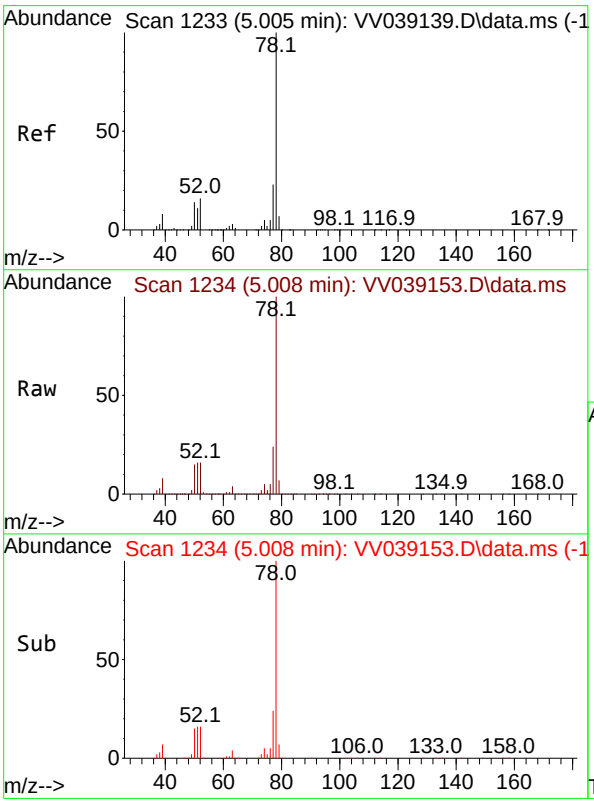
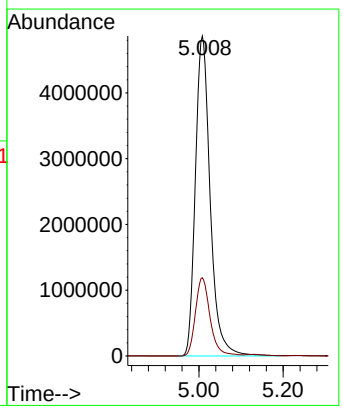
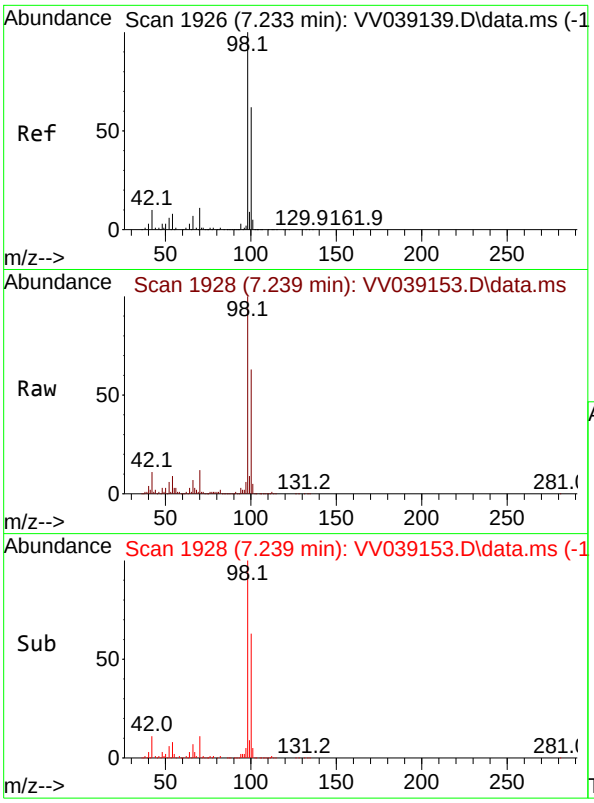


#40
Benzene
Concen: 456.496 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 78 Resp:11848259

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1

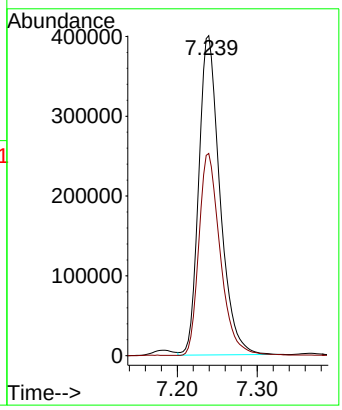




#50
Toluene-d8
Concen: 47.619 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 98 Resp: 73731

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2



Instrument :
MSVOA_V
ClientSampleId :
MW2

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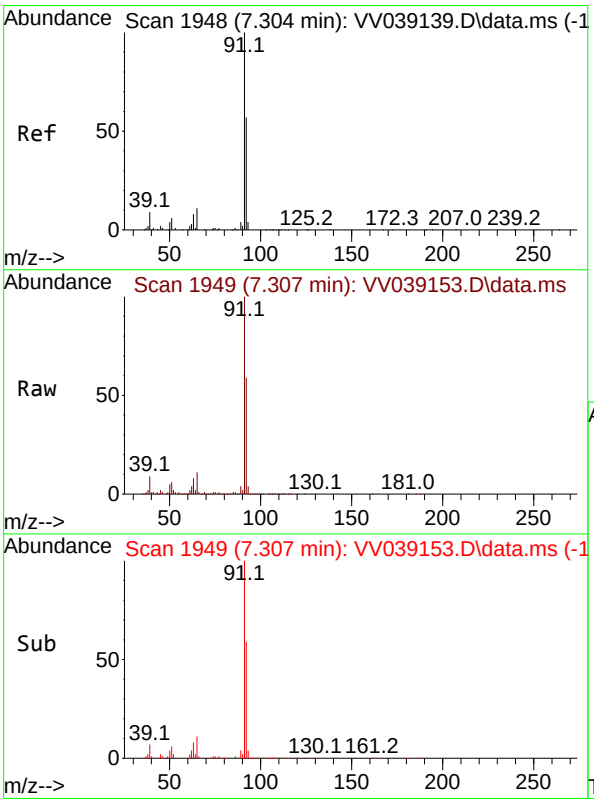
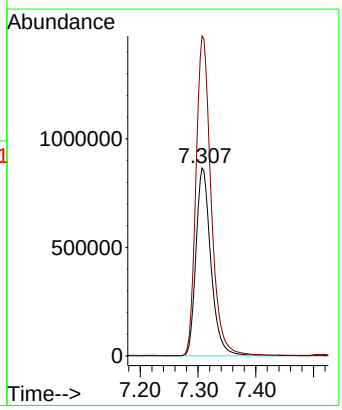
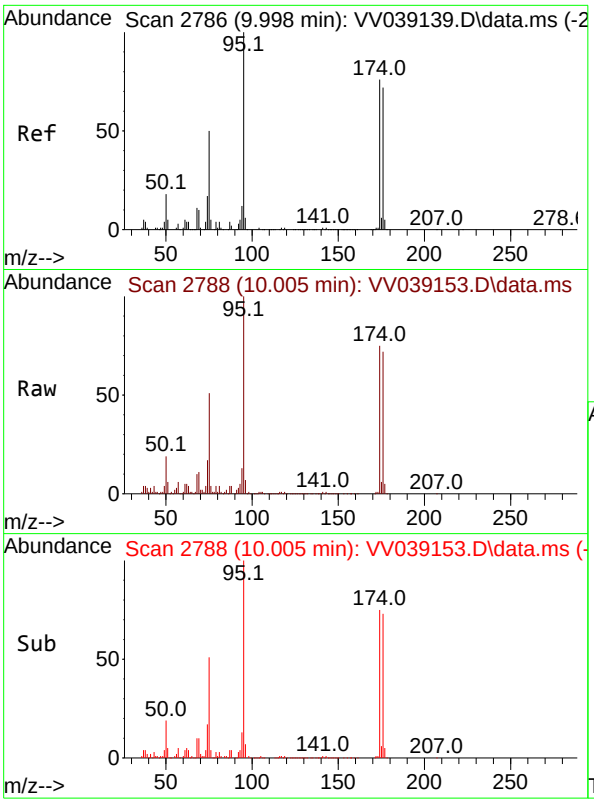


#52
Toluene
Concen: 103.275 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 92 Resp: 1554151

Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.2	208.8

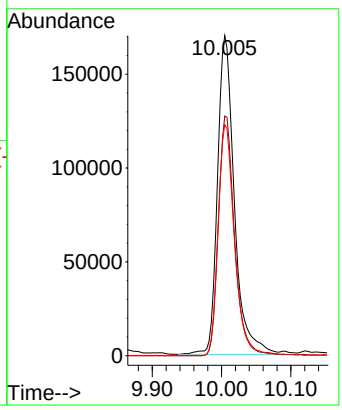




#62
4-Bromofluorobenzene
Concen: 45.224 ug/l
RT: 10.005 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 95 Resp: 28826

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	150.4
176	70.2	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
MW2

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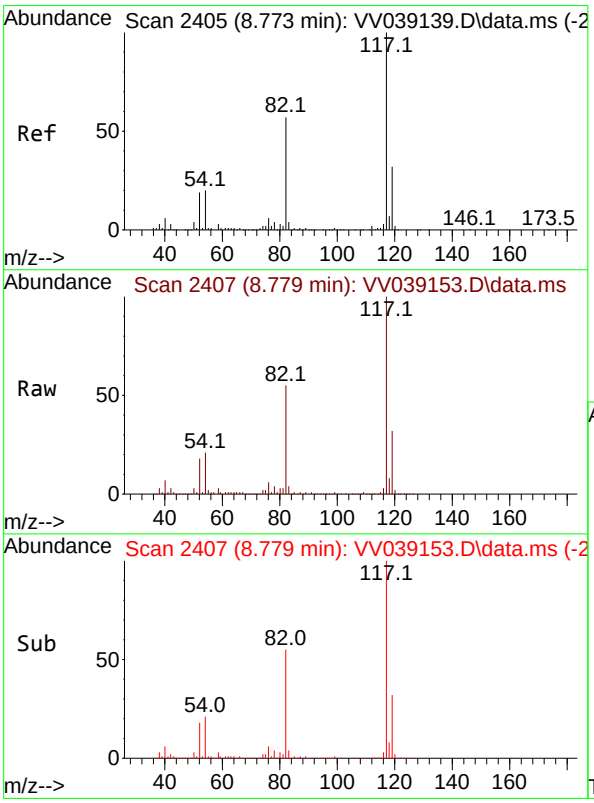
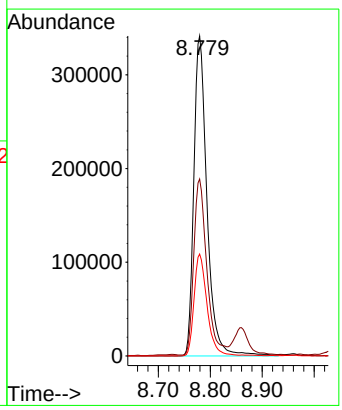
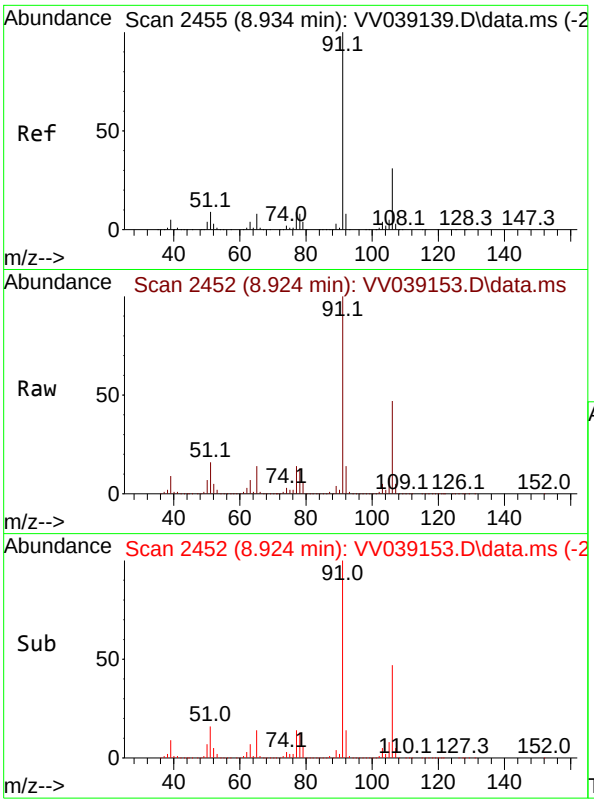


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.779 min Scan# 2407
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:117 Resp: 600147

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.2
119	31.8	25.6	38.4

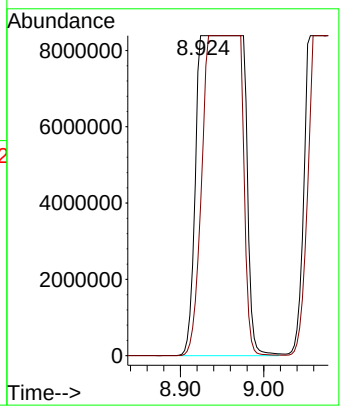




#67
Ethyl Benzene
Concen: 1301.902 ug/l m
RT: 8.924 min Scan# 24
Delta R.T. -0.010 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 91 Resp:3294387

Ion	Ratio	Lower	Upper
91	100		
106	47.0	24.6	37.0#



Instrument :
MSVOA_V
ClientSampleId :
MW2

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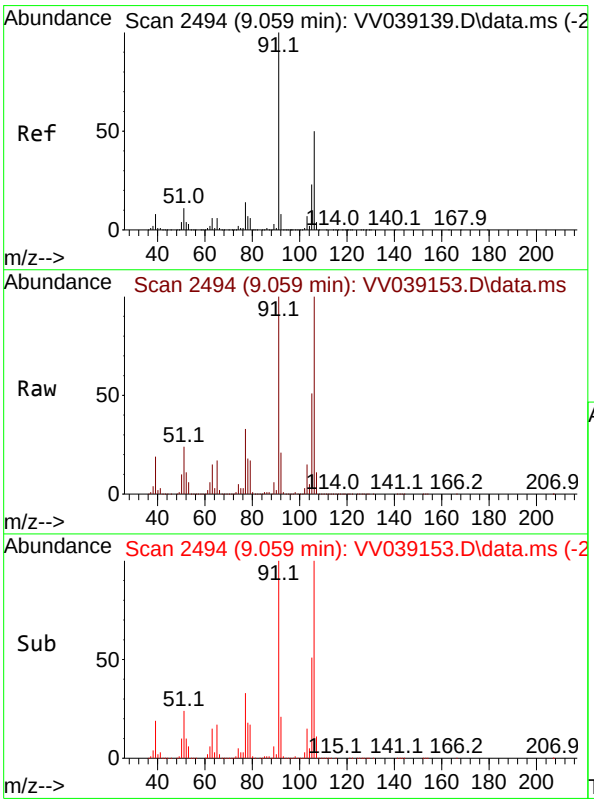
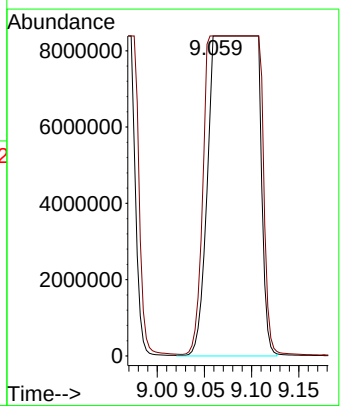
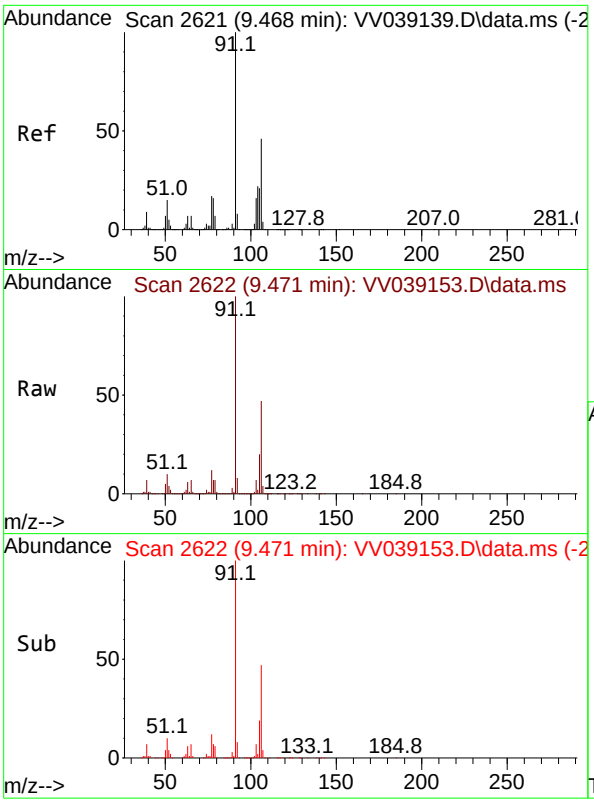


#68
m/p-Xylenes
Concen: 3113.968 ug/l m
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:106 Resp:30412638

Ion	Ratio	Lower	Upper
106	100		
91	0.0	162.5	243.7#





#69
o-Xylene
Concen: 120.719 ug/l
RT: 9.471 min Scan# 2(
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:106 Resp: 104393(

Ion	Ratio	Lower	Upper
106	100		
91	215.9	109.1	327.3

Instrument :
MSVOA_V
ClientSampleId :
MW2

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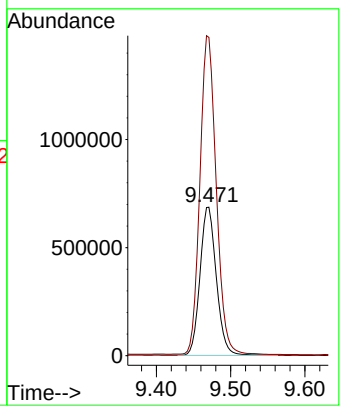
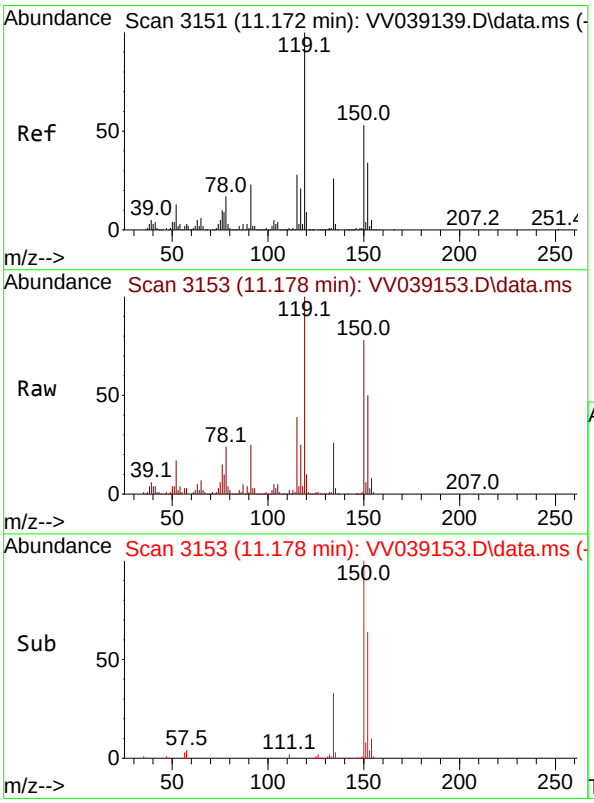
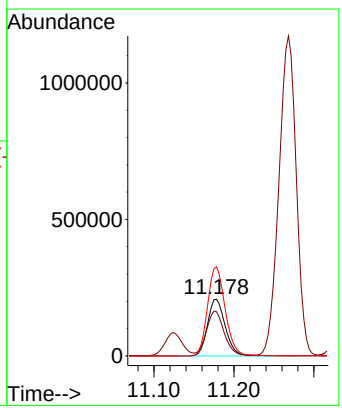


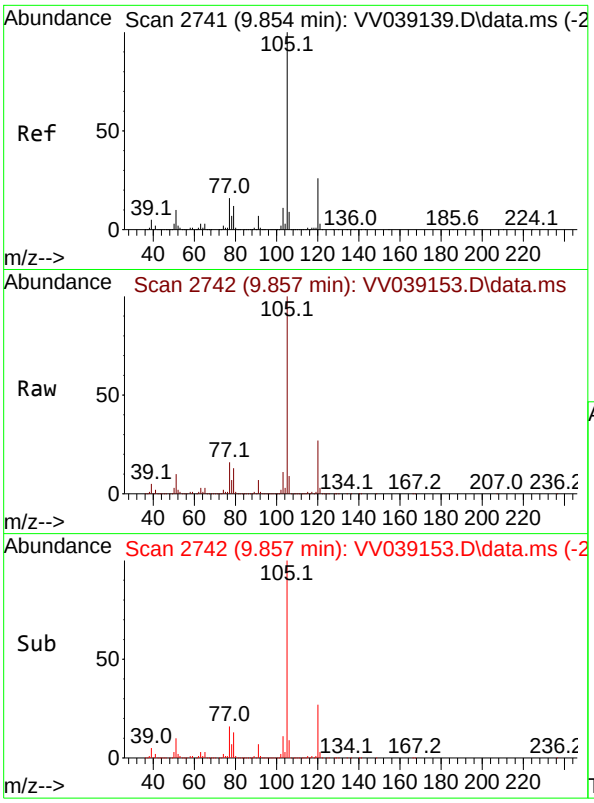


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.178 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:152 Resp: 318916

Ion	Ratio	Lower	Upper
152	100		
115	77.3	44.8	134.4
150	157.7	0.0	353.8

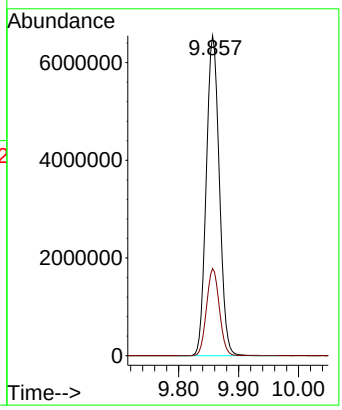




#73
Isopropylbenzene
Concen: 429.711 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:105 Resp: 993972

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW2

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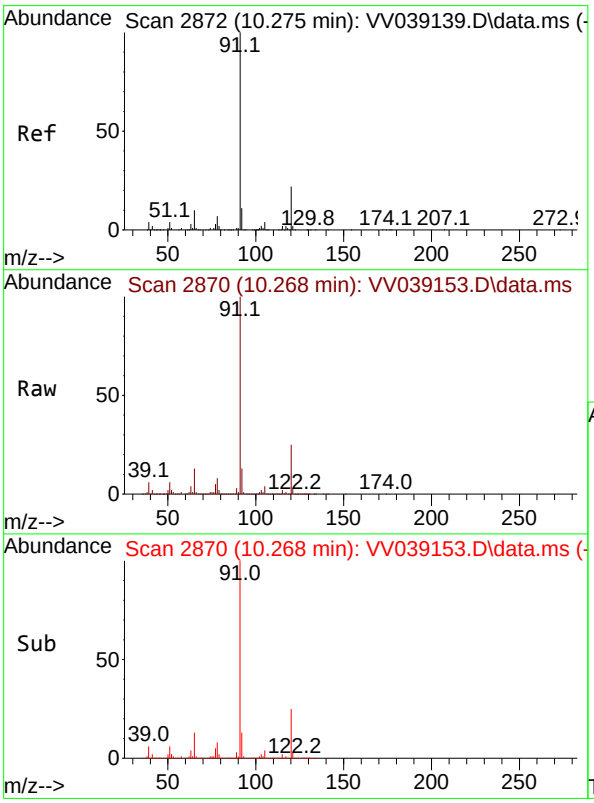
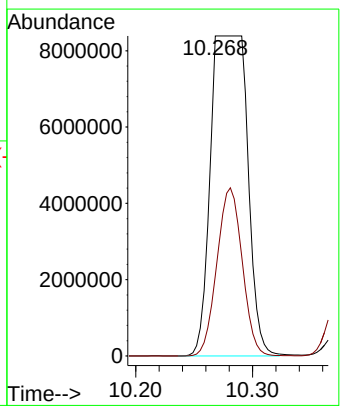
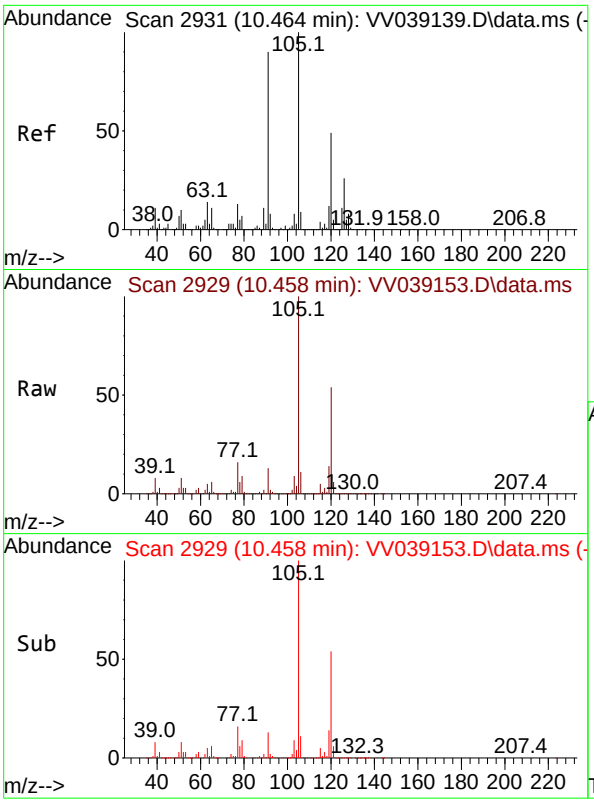


#78
n-propylbenzene
Concen: 652.664 ug/l m
RT: 10.268 min Scan# 2870
Delta R.T. -0.007 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 91 Resp:18384305

Ion	Ratio	Lower	Upper
91	100		
120	59.9	11.1	33.3#

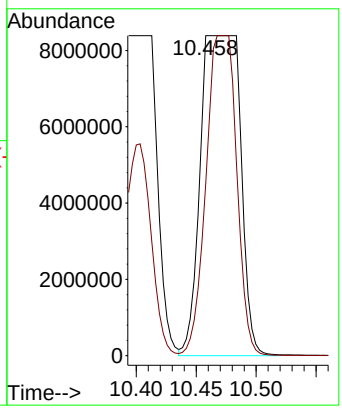




#80
1,3,5-Trimethylbenzene
Concen: 1011.427 ug/l m
RT: 10.458 min Scan# 2
Delta R.T. -0.007 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:105 Resp:1944596

Ion	Ratio	Lower	Upper
105	100		
120	21.1	24.3	72.8#



Instrument :
MSVOA_V
ClientSampleId :
MW2

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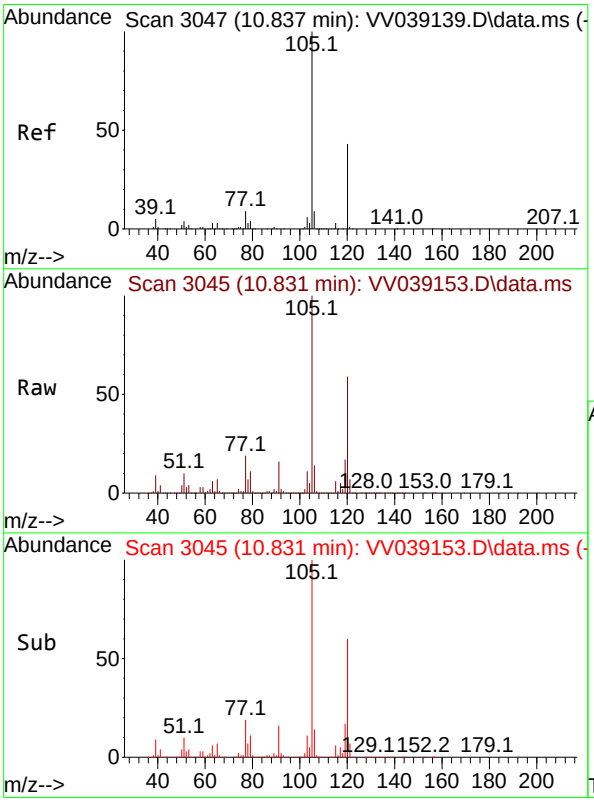
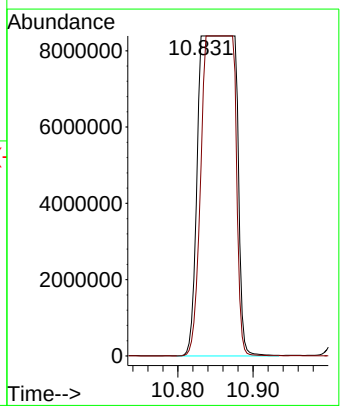
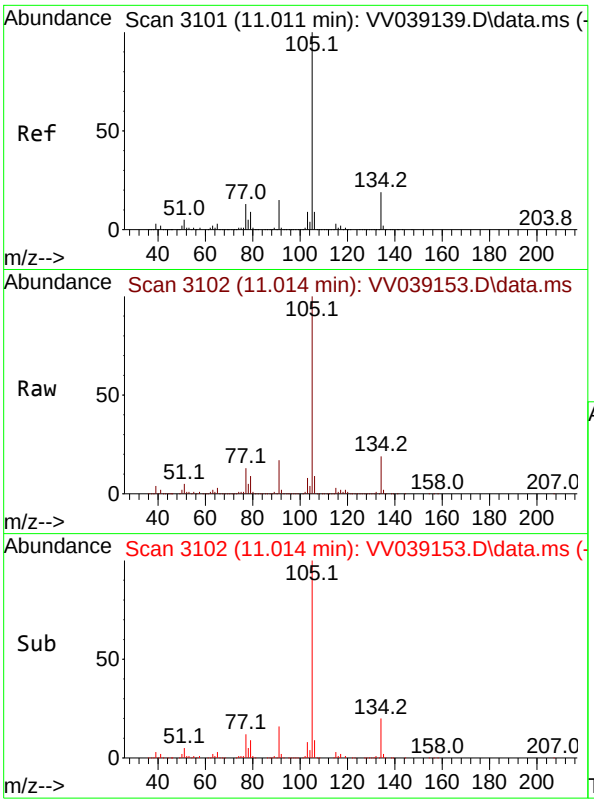


#84
1,2,4-Trimethylbenzene
Concen: 1566.967 ug/l m
RT: 10.831 min Scan# 3045
Delta R.T. -0.007 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:105 Resp:29248488

Ion	Ratio	Lower	Upper
105	100		
120	14.0	22.4	67.2#

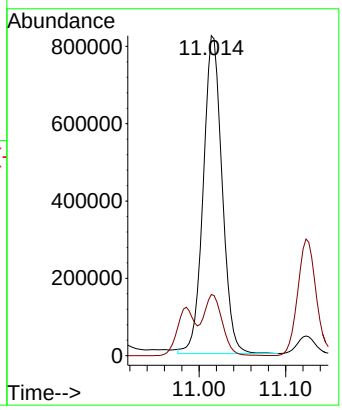




#85
sec-Butylbenzene
Concen: 48.943 ug/l
RT: 11.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:105 Resp: 124455

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.6	28.8



Instrument :
MSVOA_V
ClientSampleId :
MW2

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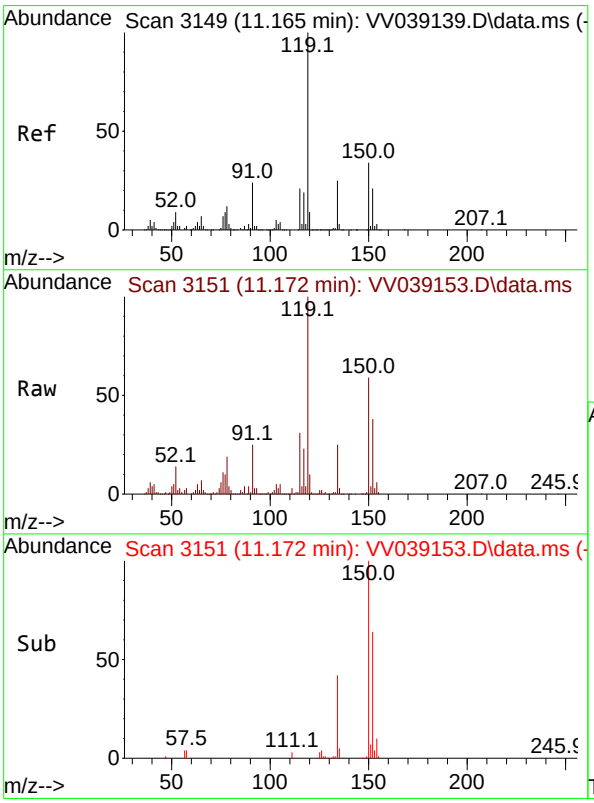
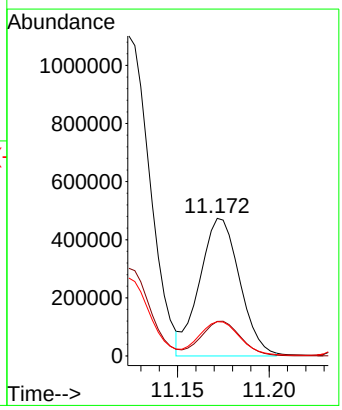
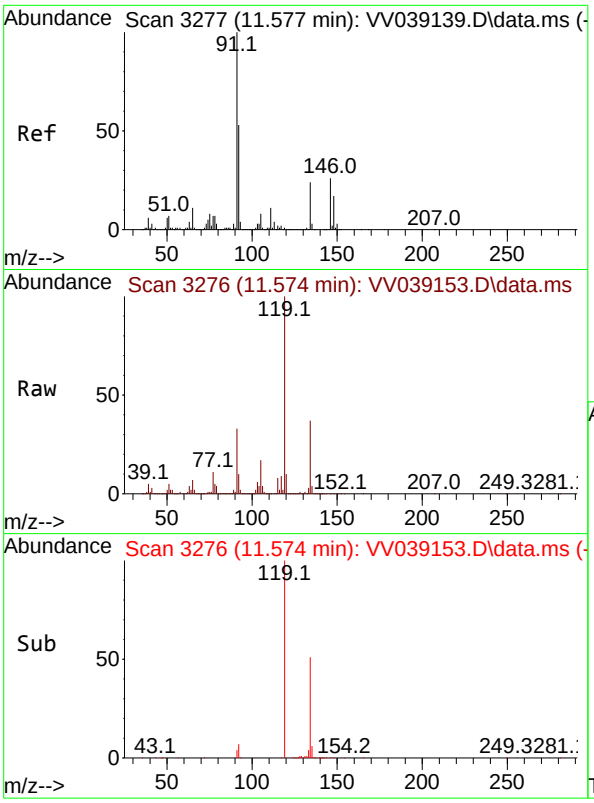


#86
p-Isopropyltoluene
Concen: 33.964 ug/l m
RT: 11.172 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:119 Resp: 718828

Ion	Ratio	Lower	Upper
119	100		
134	61.8	12.7	38.0#
91	55.4	12.0	36.1#

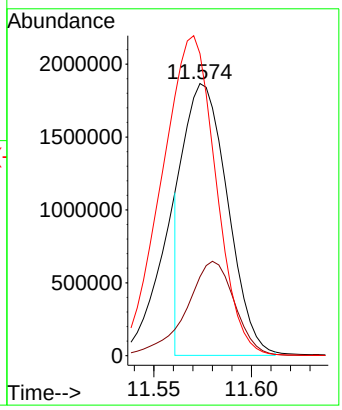




#89
n-Butylbenzene
Concen: 144.495 ug/l m
RT: 11.574 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion: 91 Resp: 292067

Ion	Ratio	Lower	Upper
91	100		
92	38.4	26.6	79.8
134	144.8	12.1	36.3#



Instrument :
MSVOA_V
ClientSampleId :
MW2

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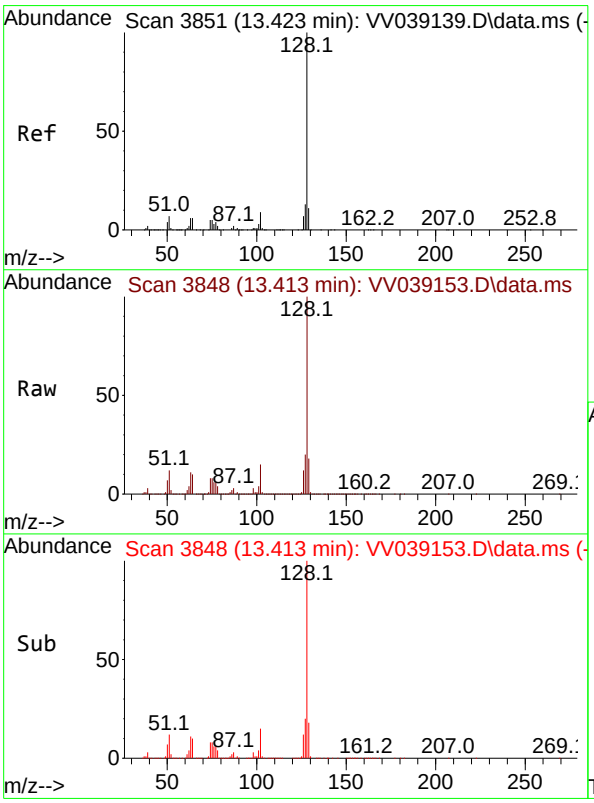
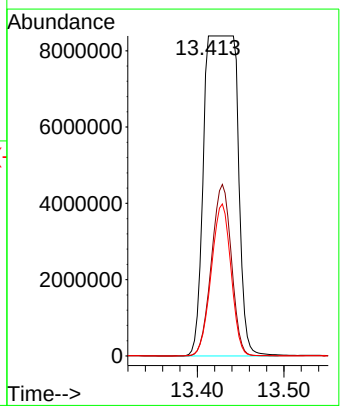
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#95
Naphthalene
Concen: 1072.874 ug/l m
RT: 13.413 min Scan# 3848
Delta R.T. -0.010 min
Lab File: VV039153.D
Acq: 24 Sep 2025 15:31

Tgt Ion:128 Resp:22556658

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



Sample Results: **VV039153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039153.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.294	71	79	107	rVB	4555692	6354746	1.95%	0.308%
2	1.609	166	177	214	rBV	19751438	32152253	9.87%	1.558%
3	1.780	220	230	251	rBV3	9432300	17128104	5.26%	0.830%
4	1.870	251	258	274	rVV	2090420	3462107	1.06%	0.168%
5	1.992	288	296	319	rVV	4986792	8804315	2.70%	0.427%
6	2.481	408	448	455	rBV2	6283373	19515166	5.99%	0.946%
7	2.526	456	462	503	rVB2	6112025	14167384	4.35%	0.687%
8	2.706	503	518	558	rVB	4280423	9899501	3.04%	0.480%
9	2.976	589	602	623	rBV	2417480	5301174	1.63%	0.257%
10	3.198	661	671	687	rVB	2282894	4927401	1.51%	0.239%
11	3.497	752	764	779	rBV	1651064	3863844	1.19%	0.187%
12	3.674	803	819	883	rVB	13346898	39427711	12.11%	1.911%
13	4.362	996	1033	1057	rBV	2542542	7334427	2.25%	0.356%
14	4.583	1085	1102	1118	rBV2	6923575	19324545	5.93%	0.937%
15	4.670	1119	1129	1160	rVB	2987275	9000307	2.76%	0.436%
16	4.818	1161	1175	1204	rVB2	1361447	4311867	1.32%	0.209%
17	5.008	1220	1234	1250	rBV	10324769	24093318	7.40%	1.168%
18	5.146	1268	1277	1294	rVB5	2382293	6874519	2.11%	0.333%
19	5.574	1388	1410	1437	rBV7	1851007	7940463	2.44%	0.385%
20	6.046	1533	1557	1573	rBV3	5686951	14344687	4.40%	0.695%
21	6.722	1742	1767	1776	rBV3	2046267	6560523	2.01%	0.318%
22	7.088	1869	1881	1899	rVB	1758948	3564941	1.09%	0.173%
23	7.307	1940	1949	1962	rBV	3426570	6010301	1.85%	0.291%
24	8.956	2439	2462	2483	rBV3	115757530	278788675	85.61%	13.513%
25	9.091	2484	2504	2533	rVB5	124179454	325646250	100.00%	15.784%
26	9.468	2611	2621	2646	rVB	4049258	6250556	1.92%	0.303%
27	9.857	2729	2742	2762	rBV	16100601	24336867	7.47%	1.180%
28	10.281	2860	2874	2892	rBV2	34163572	53862483	16.54%	2.611%
29	10.400	2892	2911	2922	rVV2	42138944	86247752	26.49%	4.180%
30	10.471	2922	2933	2961	rVB3	58427723	91527328	28.11%	4.436%
31	10.664	2981	2993	3021	rBV	22645947	33775587	10.37%	1.637%
32	10.860	3036	3054	3069	rBV3	121134522	263661832	80.97%	12.780%
33	11.123	3126	3136	3144	rBV	2980129	4378544	1.34%	0.212%
34	11.175	3144	3152	3166	rVB2	2490063	3803654	1.17%	0.184%
35	11.268	3167	3181	3194	rBV3	64262855	103920655	31.91%	5.037%
36	11.458	3226	3240	3250	rBV4	57650138	101907087	31.29%	4.939%

Sample Results: **VV039153.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

37	11.570	3262	3275	3296	rVB3	19499545	39004420	11.98%	1.891%
38	11.670	3296	3306	3318	rVV	3163047	4643009	1.43%	0.225%
39	11.744	3319	3329	3346	rVB	6025232	8853223	2.72%	0.429%
40	11.837	3347	3358	3363	rBV	13418058	20175833	6.20%	0.978%
41	11.866	3363	3367	3379	rVV	11392449	16020669	4.92%	0.777%
42	11.943	3379	3391	3411	rVV	22581837	37249716	11.44%	1.806%
43	12.040	3411	3421	3453	rVB2	8749135	17726383	5.44%	0.859%
44	12.239	3473	3483	3496	rVB	5830558	8707350	2.67%	0.422%
45	12.339	3497	3514	3522	rBV	12959061	19041462	5.85%	0.923%
46	12.393	3522	3531	3547	rVB	17665753	26002021	7.98%	1.260%
47	12.651	3601	3611	3626	rVB	12699755	19069019	5.86%	0.924%
48	12.808	3641	3660	3671	rBV2	26564524	42643927	13.10%	2.067%
49	12.873	3673	3680	3689	rVB3	1983822	3302463	1.01%	0.160%
50	12.972	3703	3711	3735	rVB3	4136718	7291009	2.24%	0.353%
51	13.197	3772	3781	3787	rBV2	2748067	4152955	1.28%	0.201%
52	13.429	3831	3853	3874	rBV2	54637140	95072163	29.19%	4.608%
53	14.554	4191	4203	4231	rVB	18117572	27821376	8.54%	1.349%
54	14.734	4249	4259	4274	rBV	9031814	13861563	4.26%	0.672%

Sum of corrected areas: 2063109435

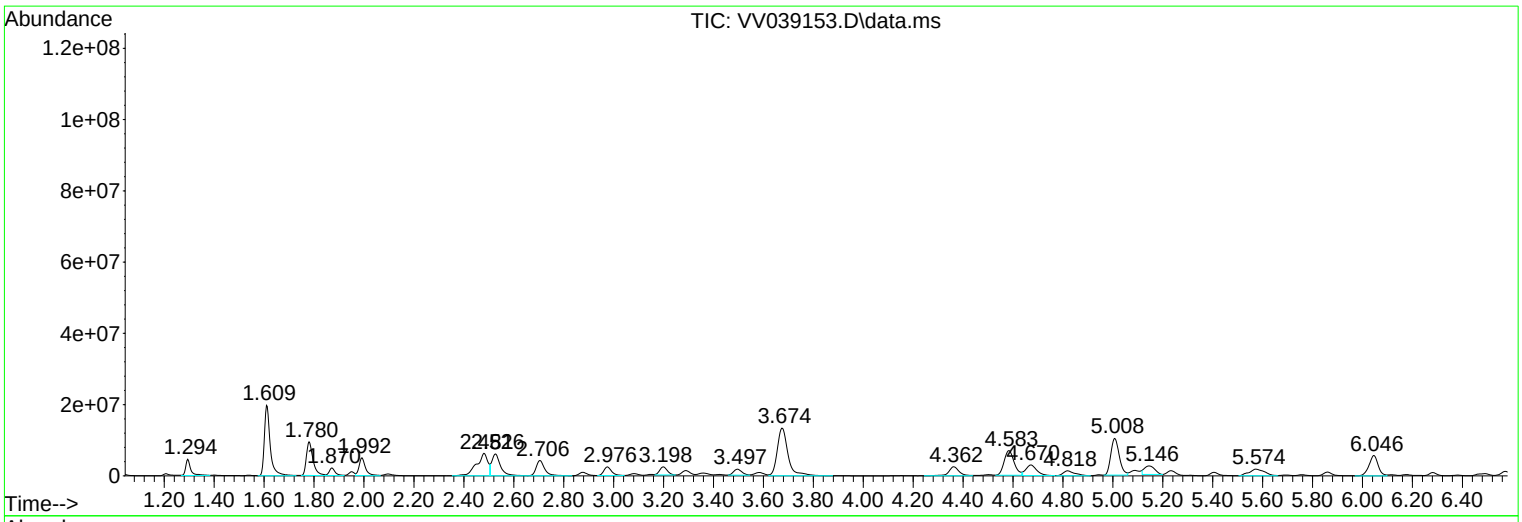
Sample Results: **VV039153.D**

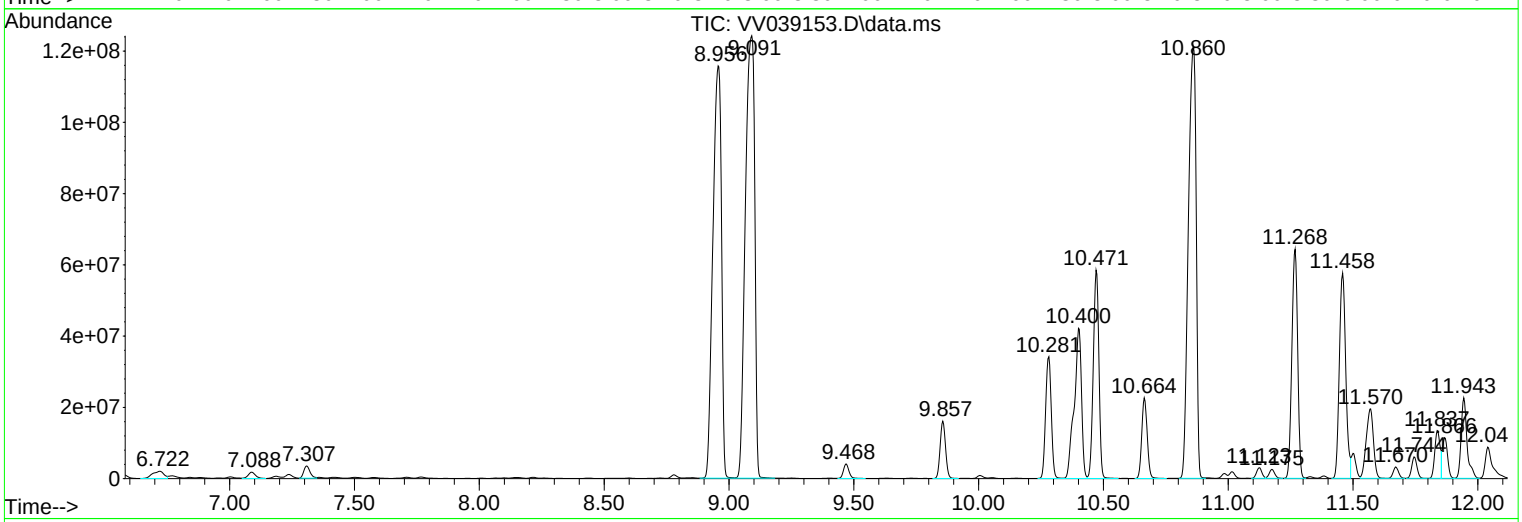
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

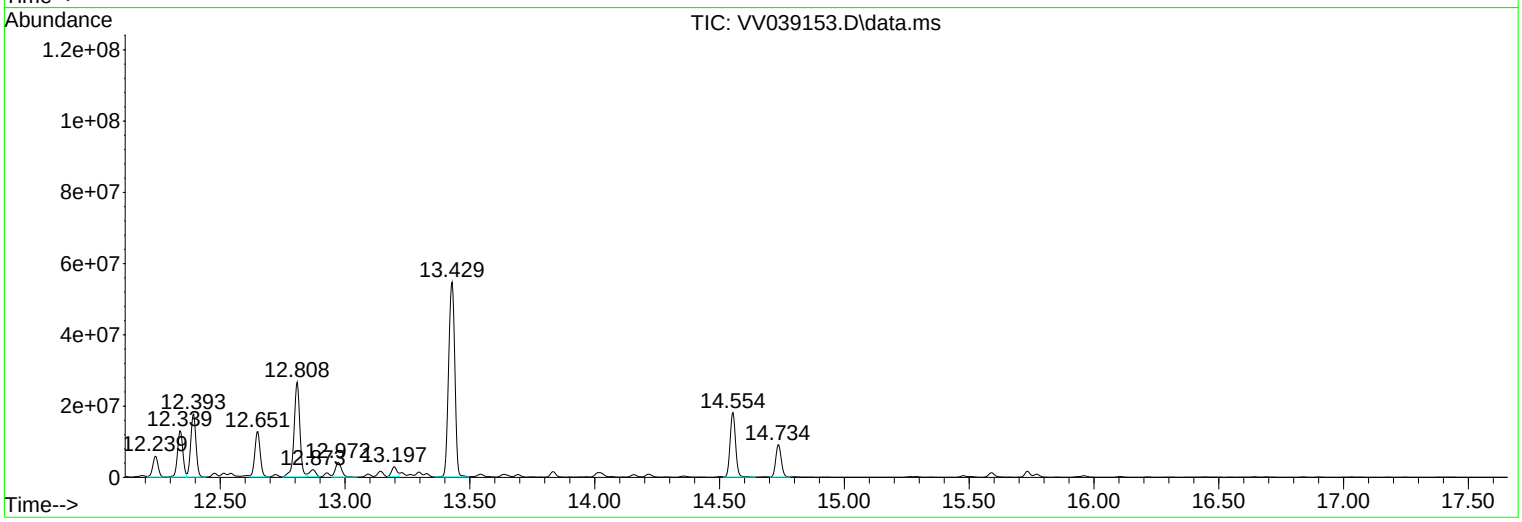
Instrument :
MSVOA_V
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

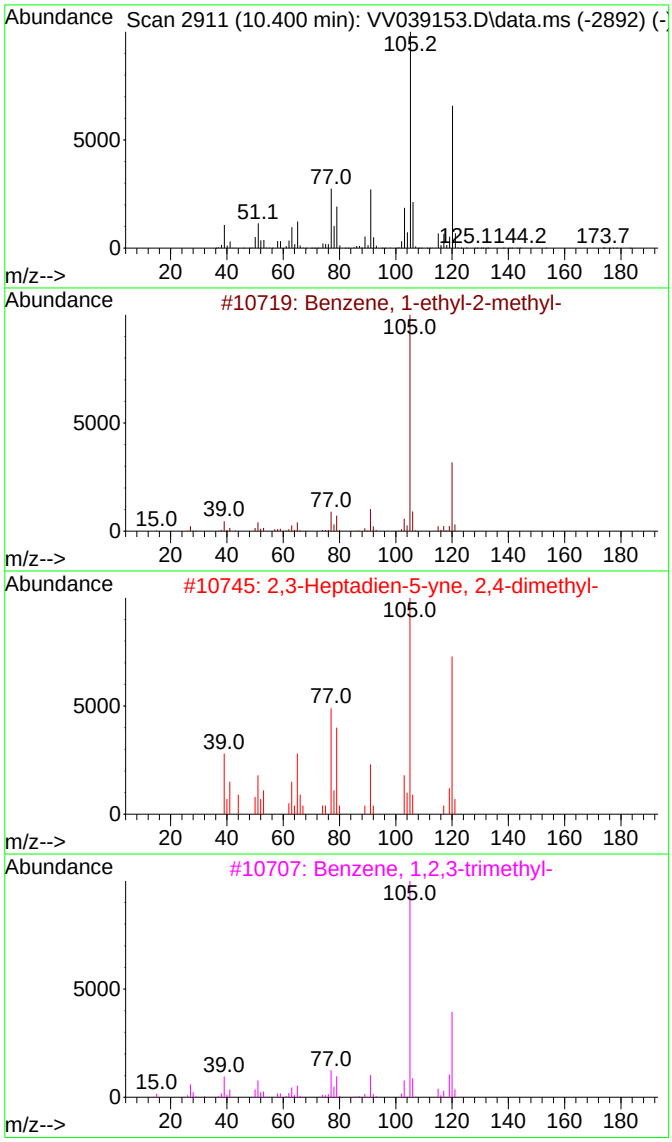
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

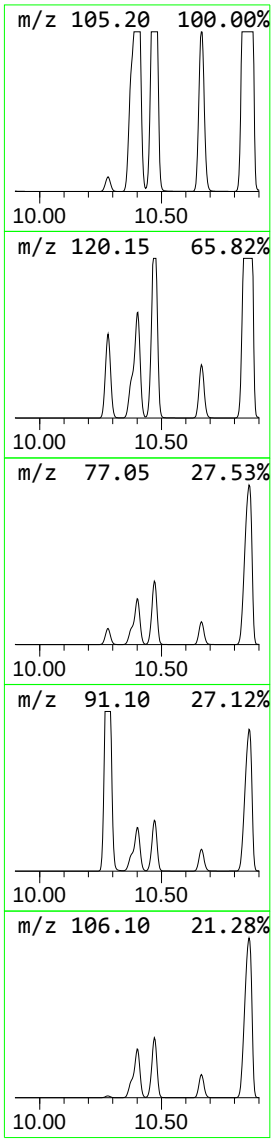
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.400	1133.75 ug/l	86247800	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	83
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	74





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On    : 24 Sep 2025  15:31
Operator  : SY/MD
Sample    : Q3175-01
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

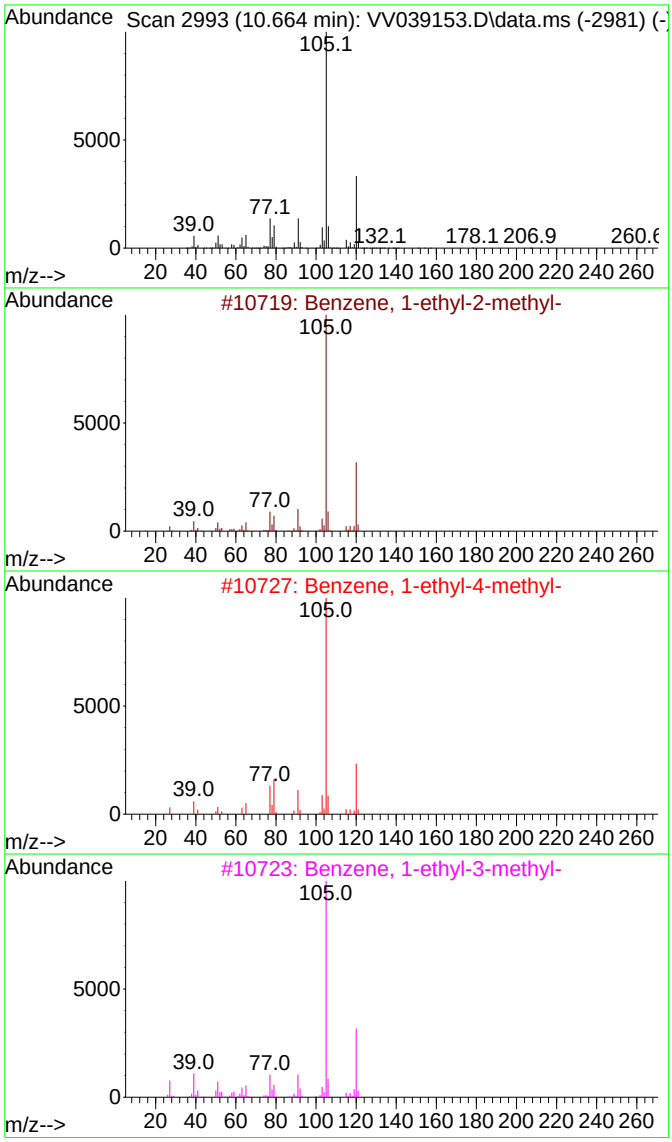
Instrument :
MSVOA_V
ClientSampleId :
MW2

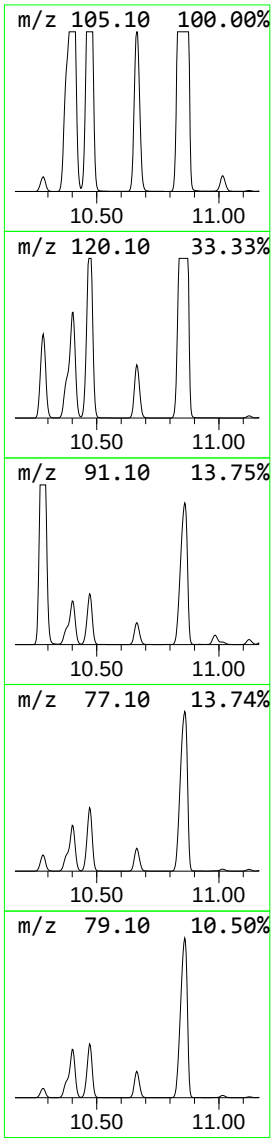
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	443.99 ug/l	33775600	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

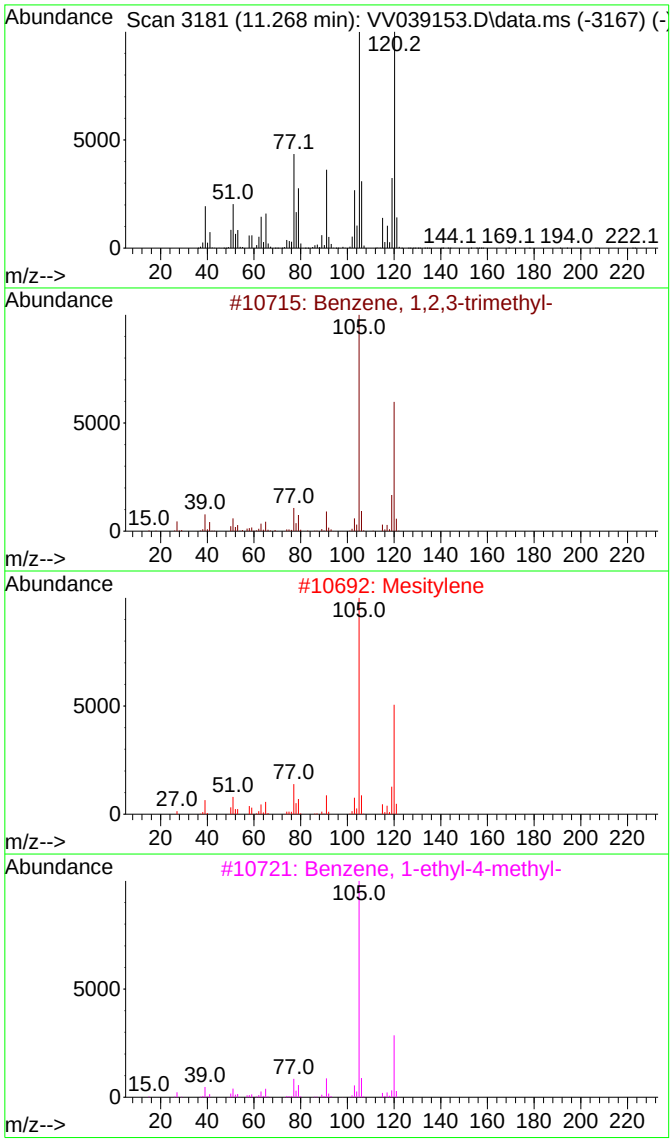
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

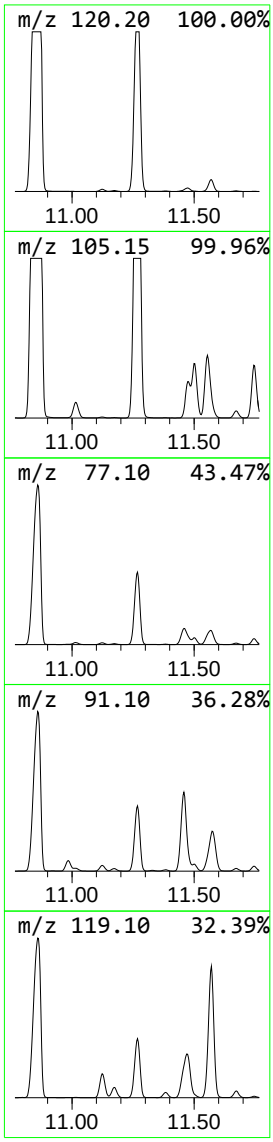
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	1366.06 ug/l	103921000	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

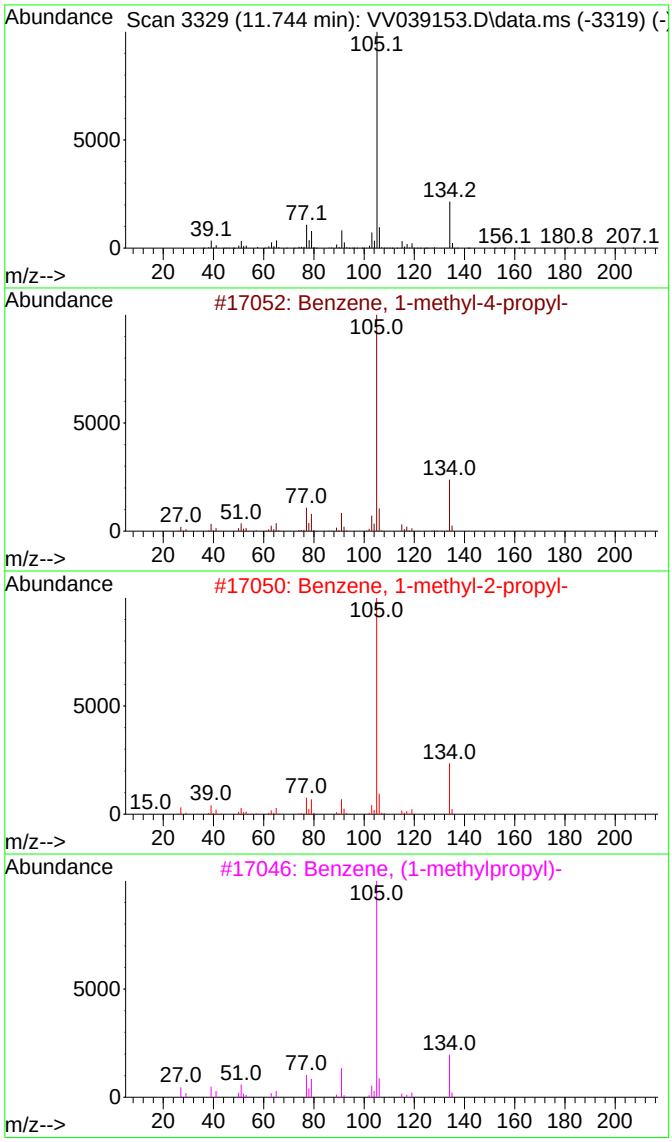
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

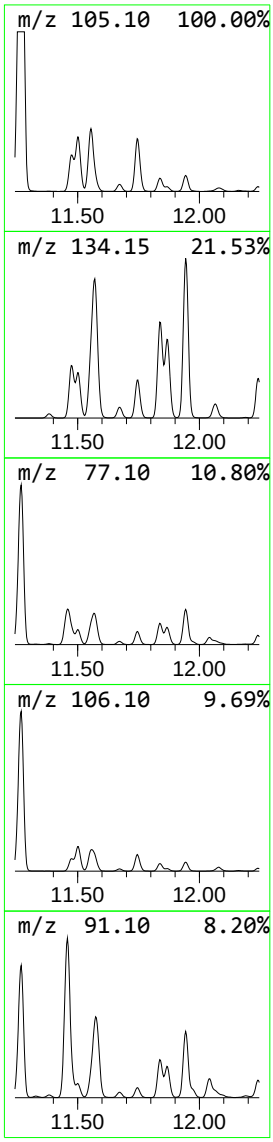
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	116.38 ug/l	8853220	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

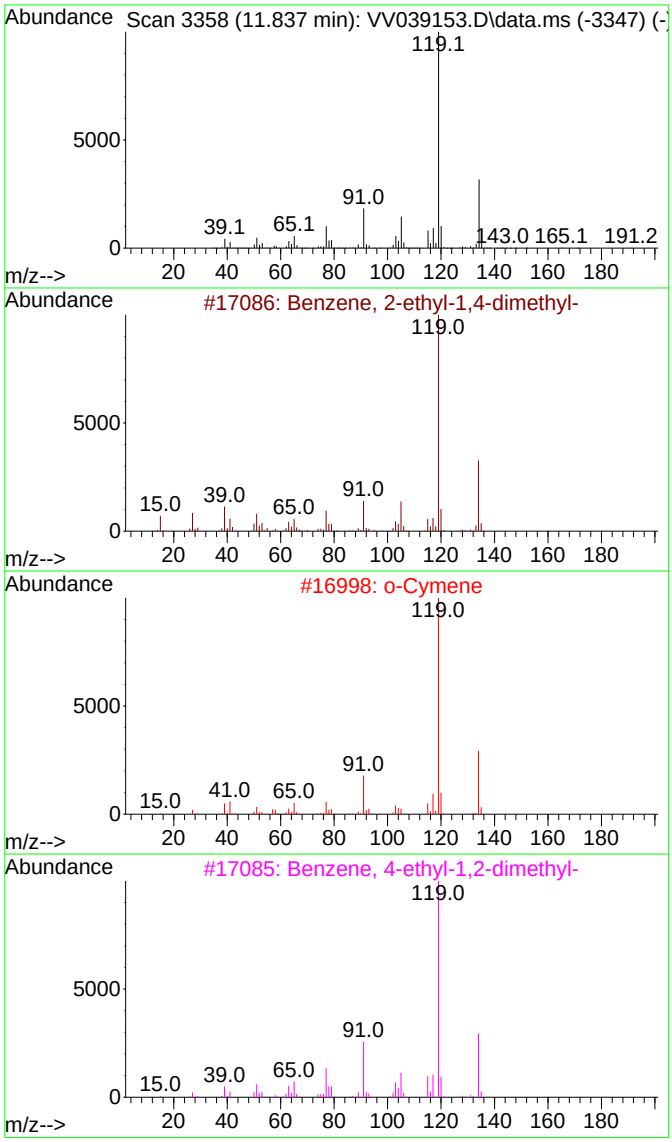
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

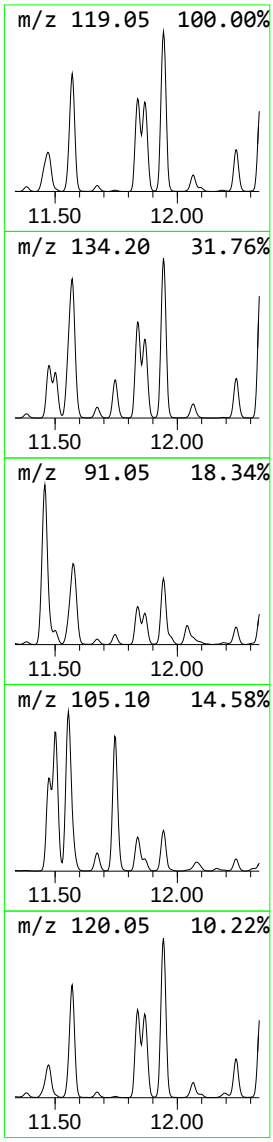
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	265.22 ug/l	20175800	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

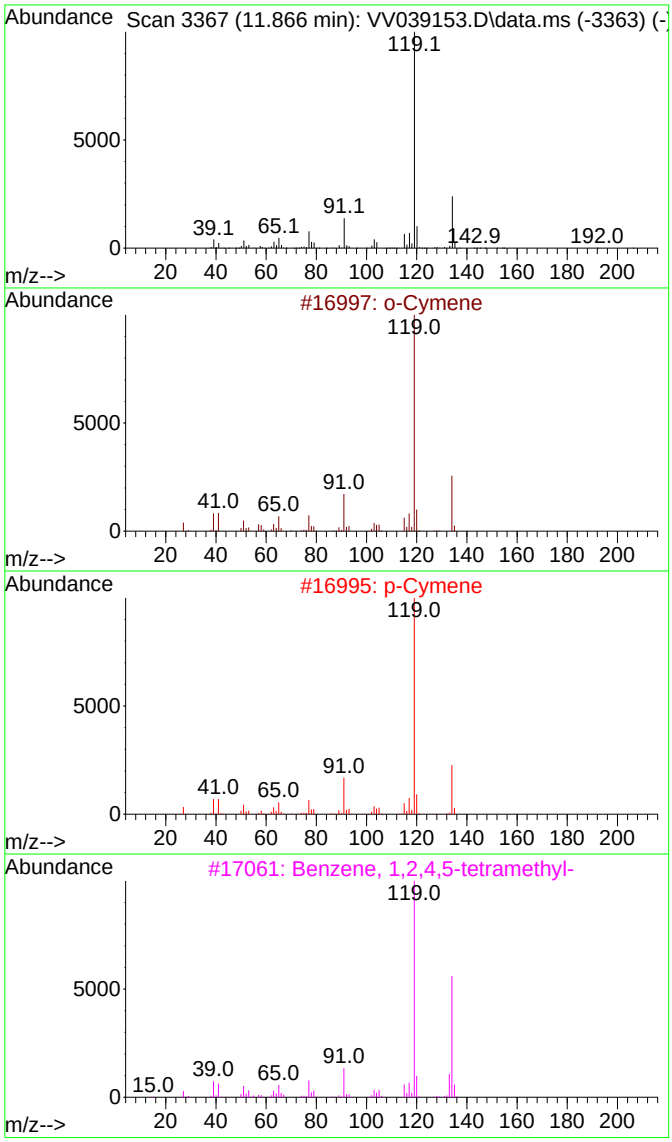
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

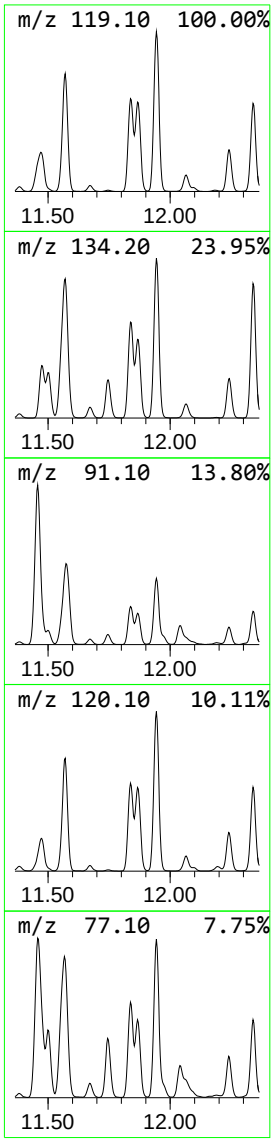
****

Peak Number 7 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	210.60 ug/l	16020700	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

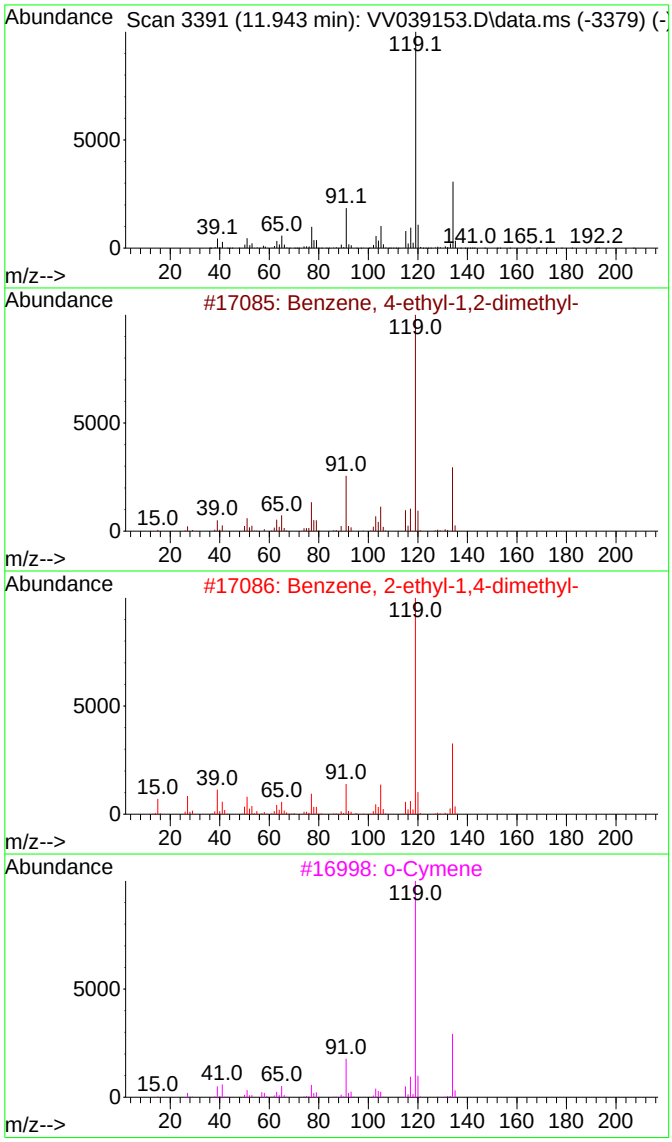
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

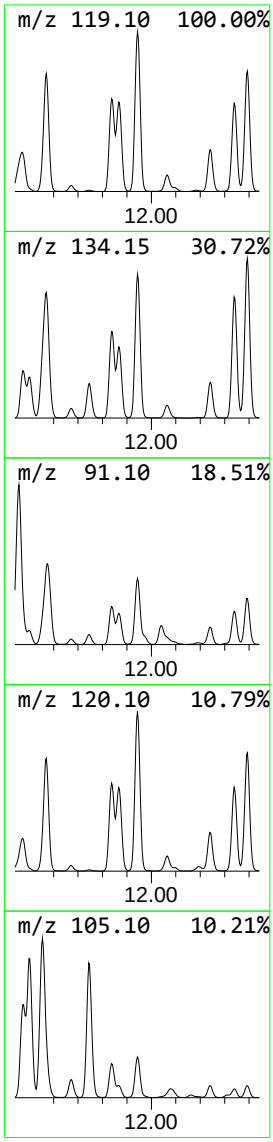
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	489.66 ug/l	37249700	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

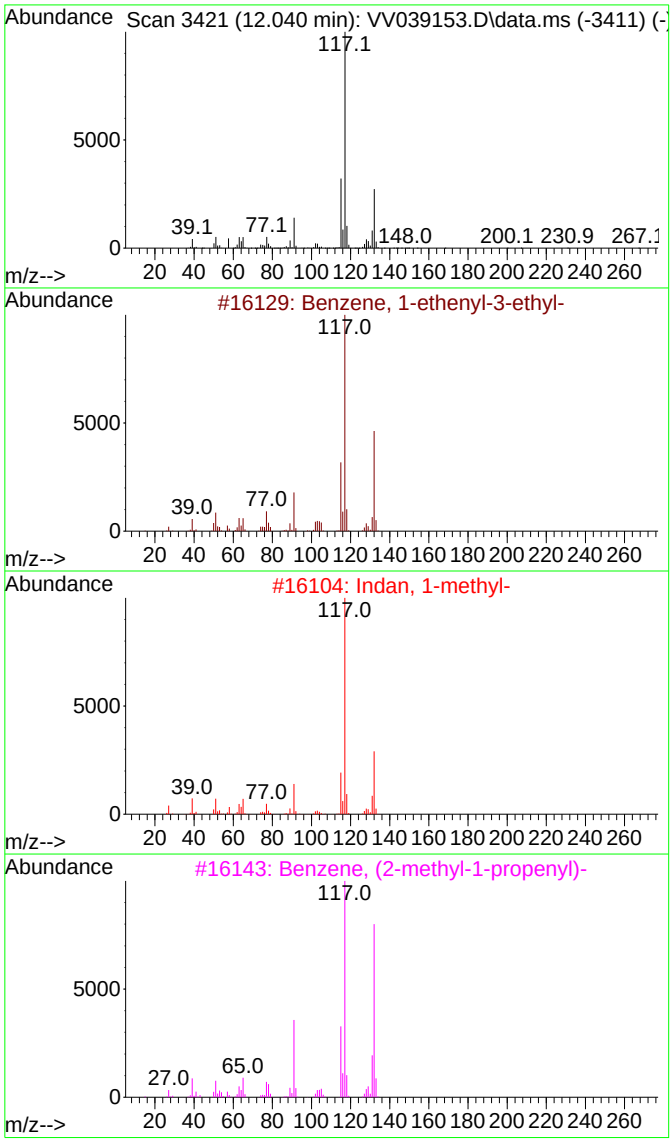
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

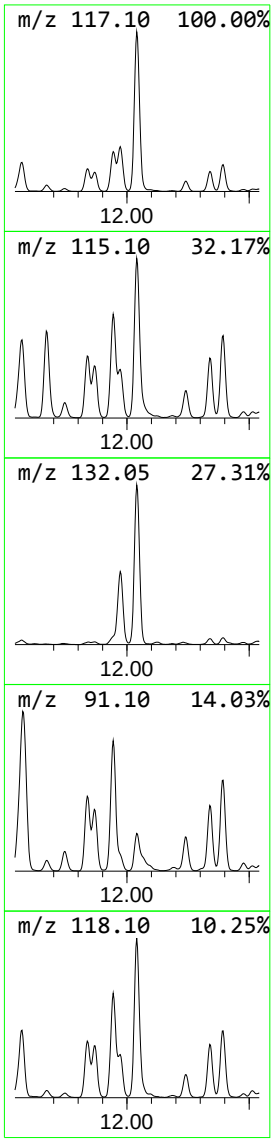
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	233.02 ug/l	17726400	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

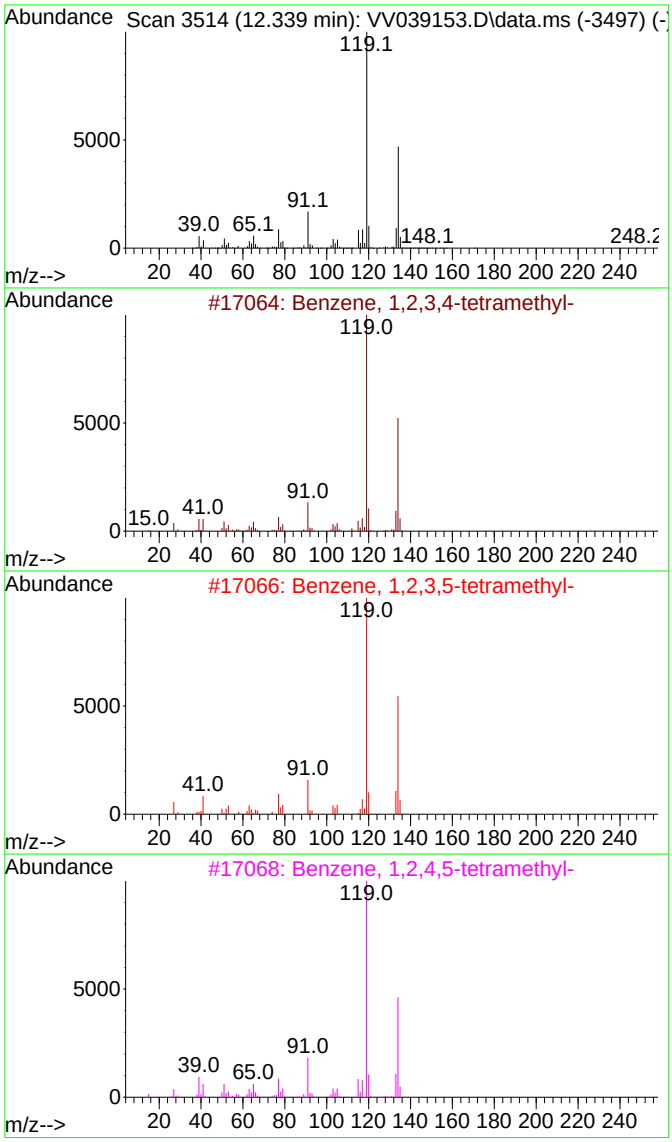
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

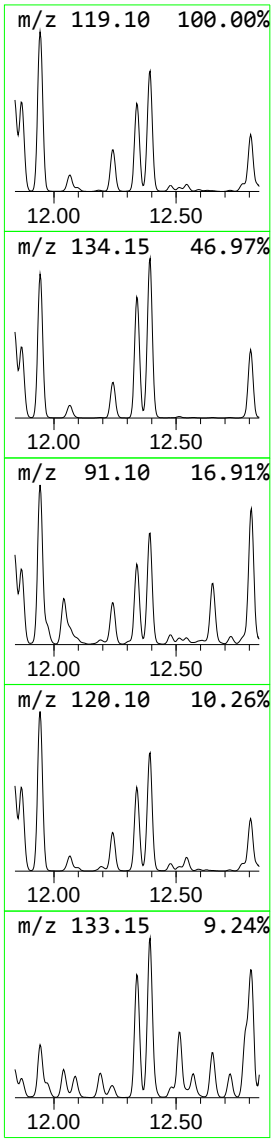
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	250.31 ug/l	19041500	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

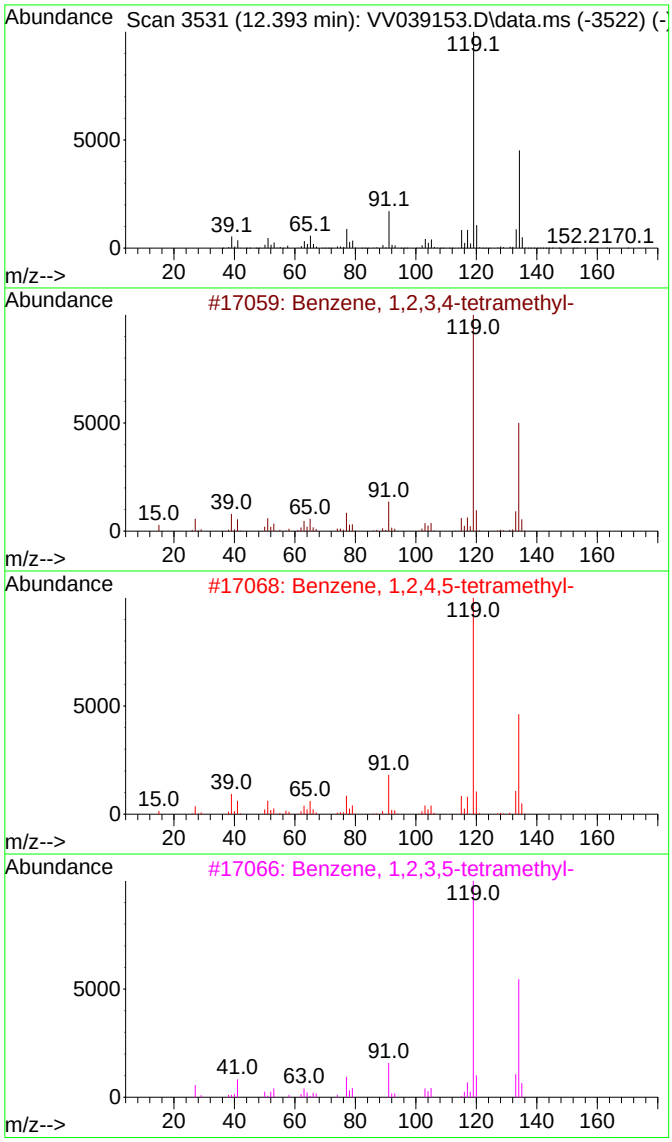
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

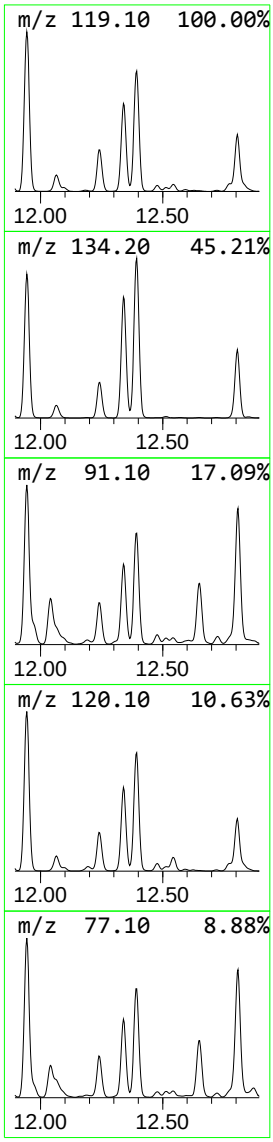
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.394	341.80 ug/l	26002000	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

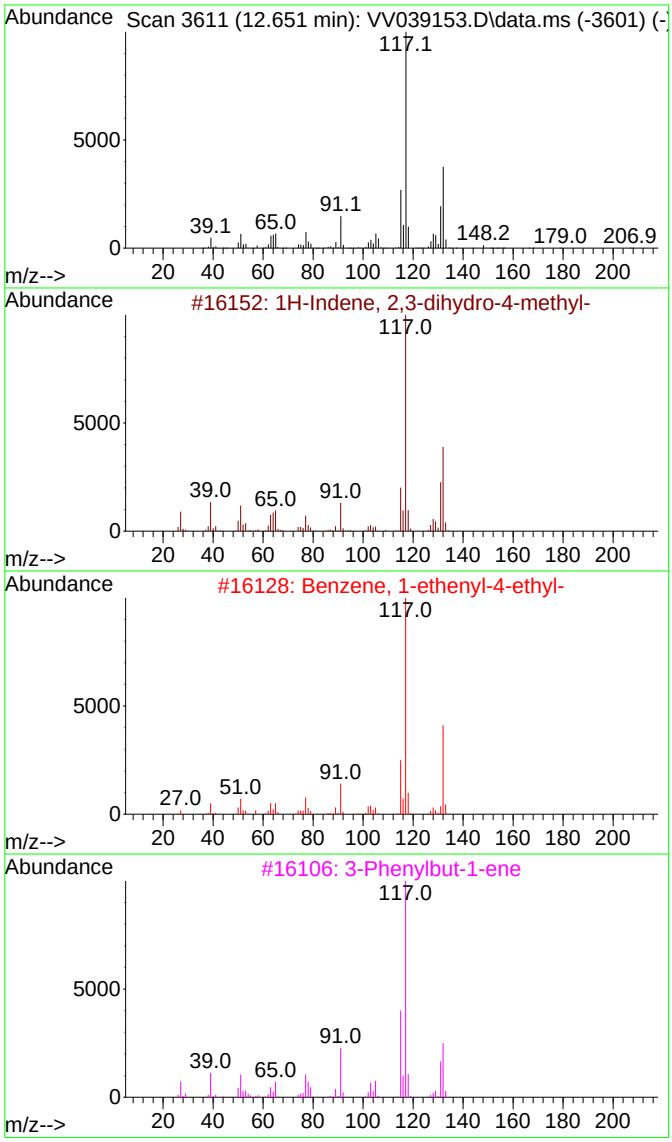
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

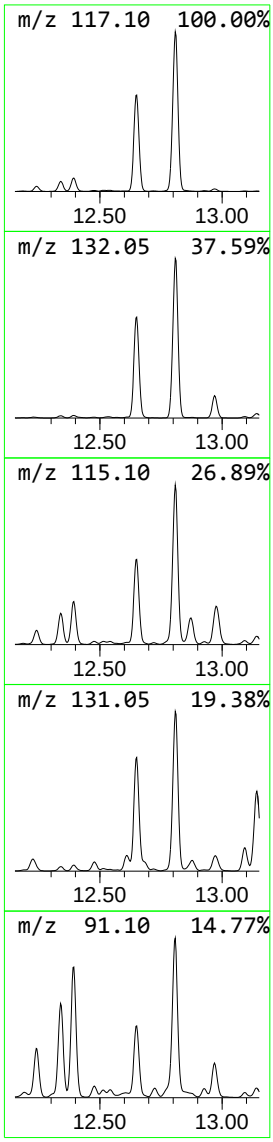
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	250.67 ug/l	19069000	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

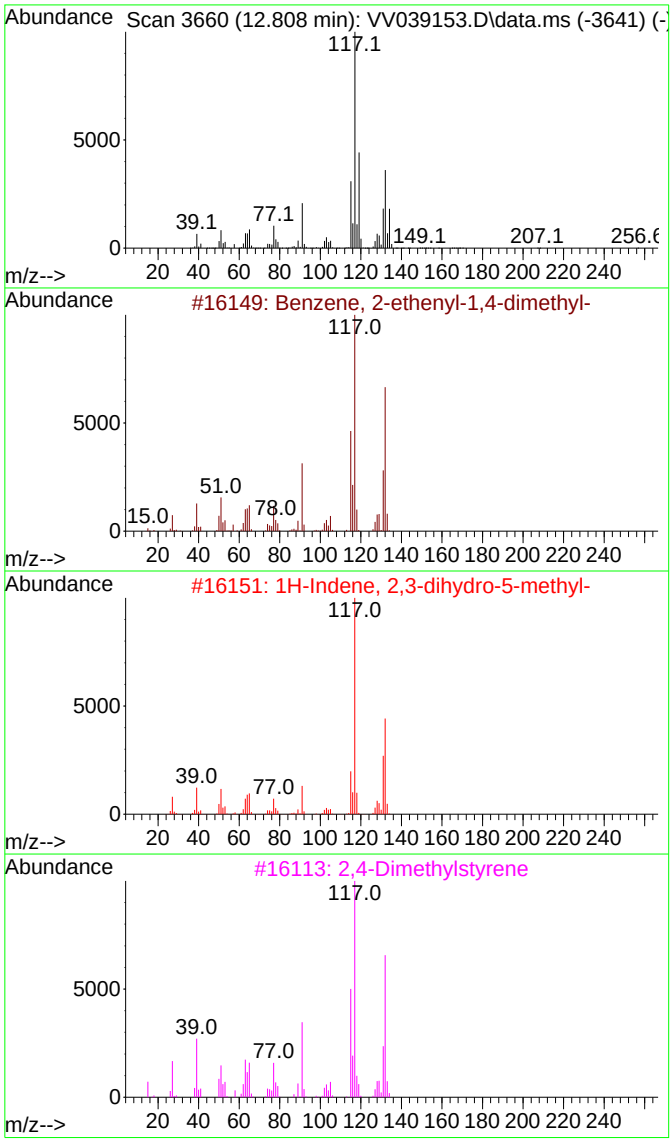
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

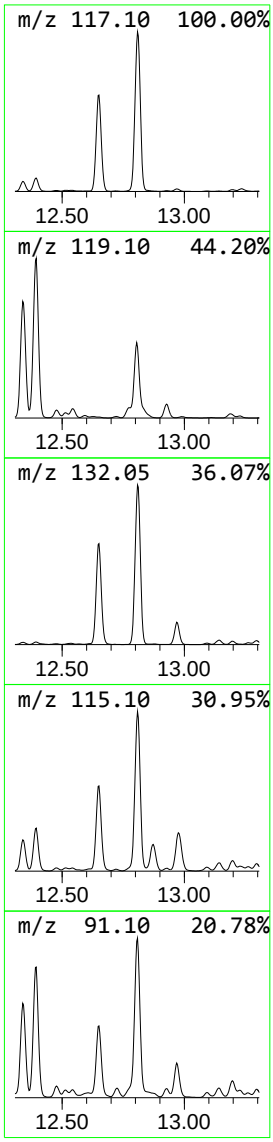
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.808	560.57 ug/l	42643900	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

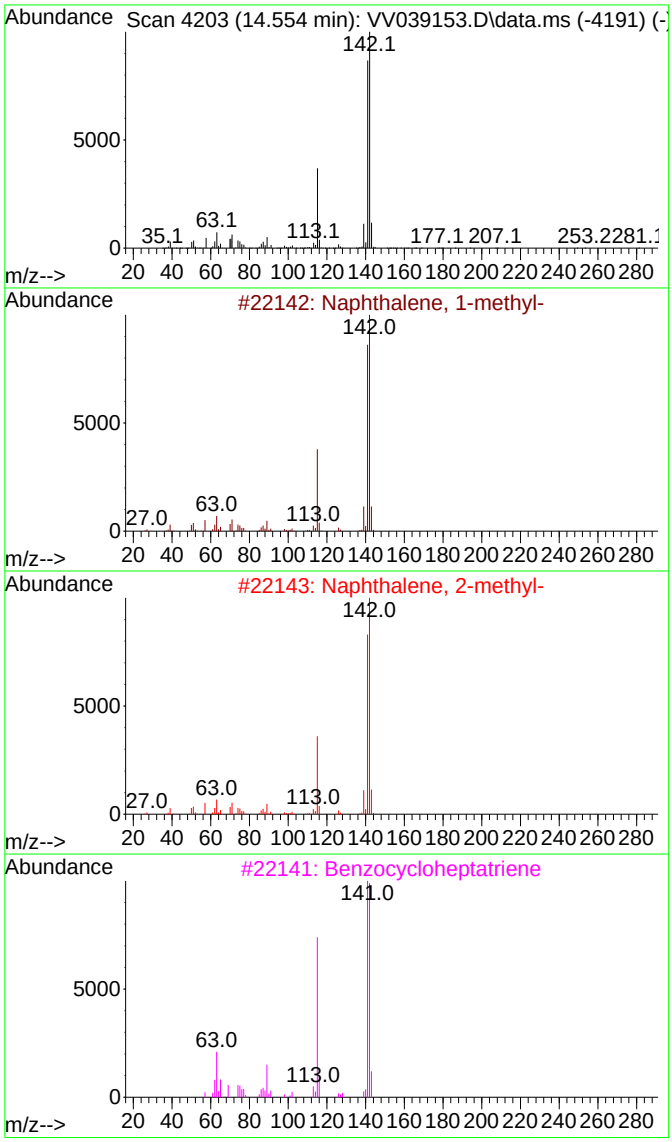
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

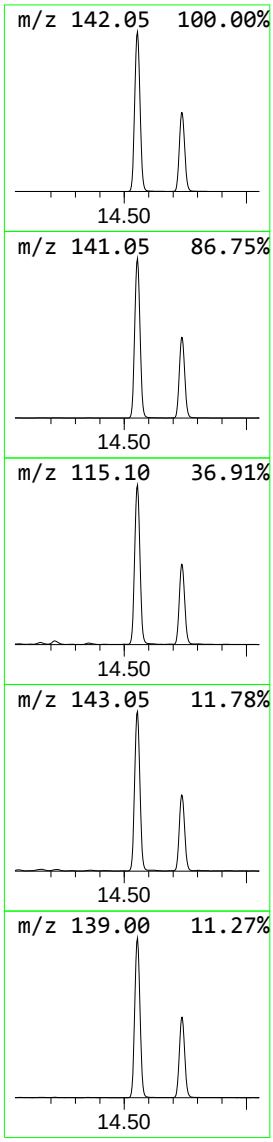
****

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.554	365.72 ug/l	27821400	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

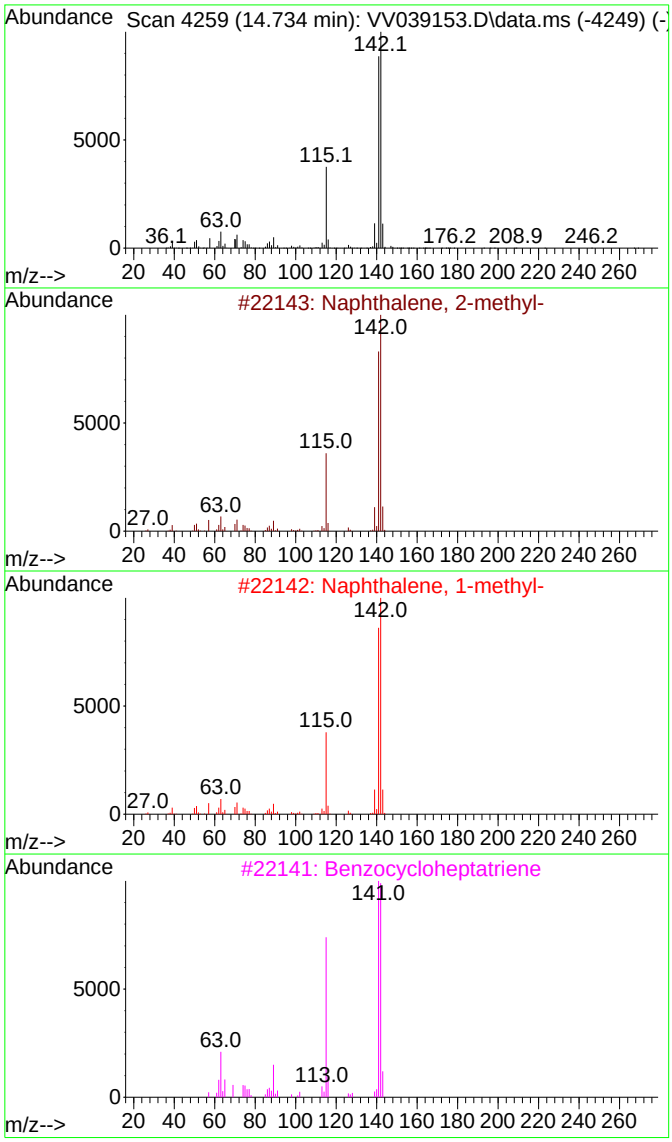
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

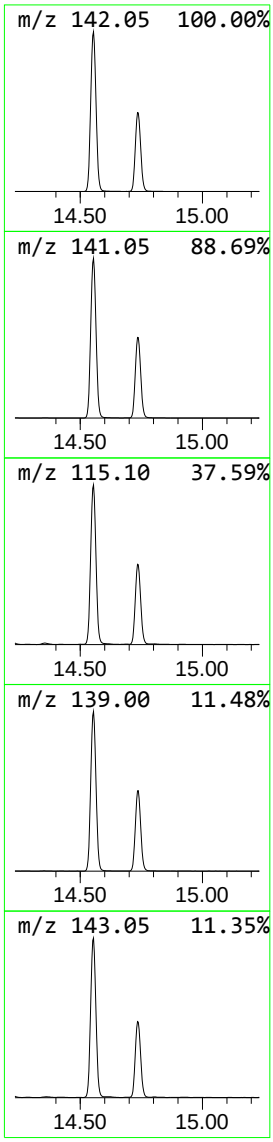
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.734	182.21 ug/l	13861600	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039153.D
Acq On : 24 Sep 2025 15:31
Operator : SY/MD
Sample : Q3175-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	10.400	1133.8	ug/l	86247800	4	11.178	3803650	50.0
Benzene, 1-ethy...	10.664	444.0	ug/l	33775600	4	11.178	3803650	50.0
Benzene, 1,2,3-...	11.268	1366.1	ug/l	103921000	4	11.178	3803650	50.0
Benzene, 1-meth...	11.744	116.4	ug/l	8853220	4	11.178	3803650	50.0
Benzene, 2-ethy...	11.837	265.2	ug/l	20175800	4	11.178	3803650	50.0
o-Cymene	11.866	210.6	ug/l	16020700	4	11.178	3803650	50.0
Benzene, 4-ethy...	11.943	489.7	ug/l	37249700	4	11.178	3803650	50.0
Benzene, 1-ethe...	12.040	233.0	ug/l	17726400	4	11.178	3803650	50.0
Benzene, 1,2,3,...	12.339	250.3	ug/l	19041500	4	11.178	3803650	50.0
Benzene, 1,2,4,...	12.394	341.8	ug/l	26002000	4	11.178	3803650	50.0
1H-Indene, 2,3-...	12.651	250.7	ug/l	19069000	4	11.178	3803650	50.0
Benzene, 2-ethe...	12.808	560.6	ug/l	42643900	4	11.178	3803650	50.0
Naphthalene, 1-...	14.554	365.7	ug/l	27821400	4	11.178	3803650	50.0
Naphthalene, 2-...	14.734	182.2	ug/l	13861600	4	11.178	3803650	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039174.D
Acq On : 25 Sep 2025 12:33
Operator : SY/MD
Sample : Q3175-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 26 01:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	563178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	979530	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	954674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	558535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	427463	52.444	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.880%			
35) Dibromofluoromethane	4.503	113	384673	48.850	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.700%			
50) Toluene-d8	7.236	98	1117790	48.331	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.660%			
62) 4-Bromofluorobenzene	10.001	95	477673	50.170	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 100.340%			
Target Compounds						Qvalue
31) Cyclohexane	4.584	56	163390	11.239	ug/l	93
39) Methylcyclohexane	6.047	83	104560	7.272	ug/l	91
40) Benzene	5.015	78	516821	13.331	ug/l	98
52) Toluene	7.317	92	64289	2.860	ug/l	100
67) Ethyl Benzene	8.934	91	9765537	242.606	ug/l	97
68) m/p-Xylenes	9.063	106	4597374	295.919	ug/l	97
69) o-Xylene	9.474	106	38063	2.767	ug/l	89
73) Isopropylbenzene	9.857	105	331271	8.177	ug/l	100
78) n-propylbenzene	10.278	91	1203830	24.402	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1628348	48.359	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	6743997	206.300	ug/l	98
85) sec-Butylbenzene	11.014	105	52699m	1.183	ug/l	
86) p-Isopropyltoluene	11.169	119	28308m	0.764	ug/l	
89) n-Butylbenzene	11.574	91	112240m	3.171	ug/l	
95) Naphthalene	13.423	128	2104561	57.156	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

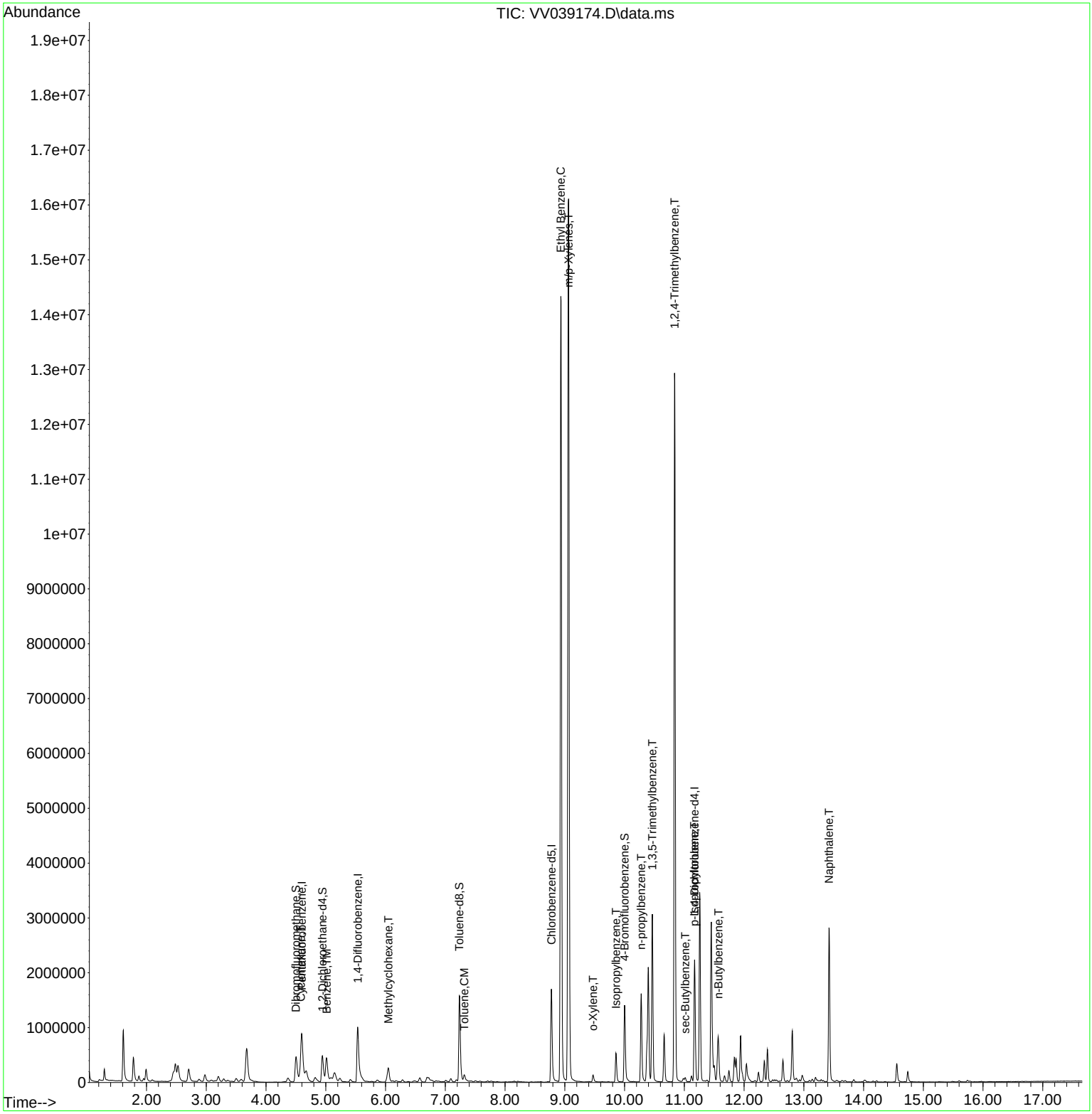
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039174.D
Acq On : 25 Sep 2025 12:33
Operator : SY/MD
Sample : Q3175-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

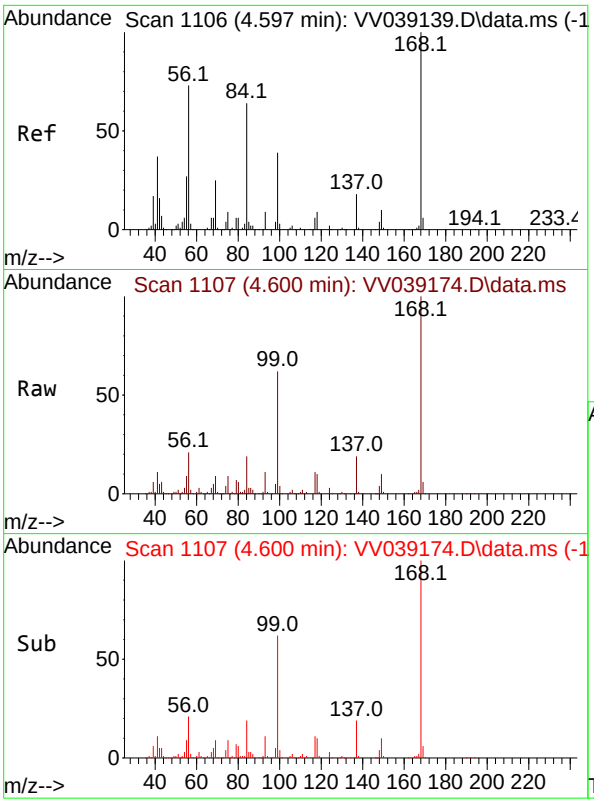
Quant Time: Sep 26 01:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

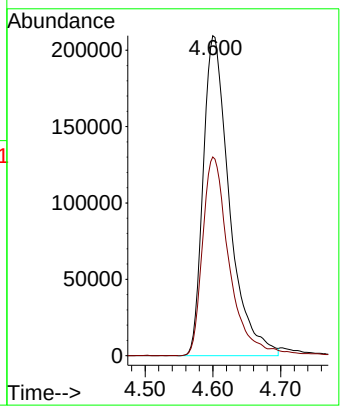




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:168 Resp: 5631

Ion	Ratio	Lower	Upper
168	100		
99	62.1	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
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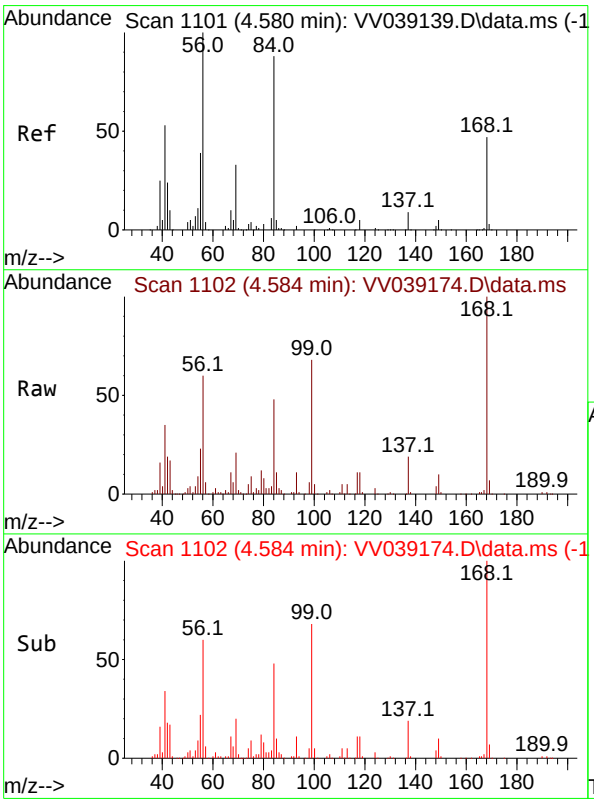
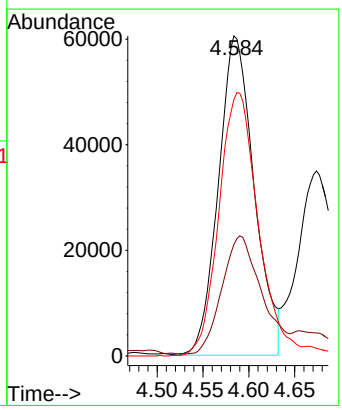
Supervised By :Semsettin Yesilyurt 09/29/2025

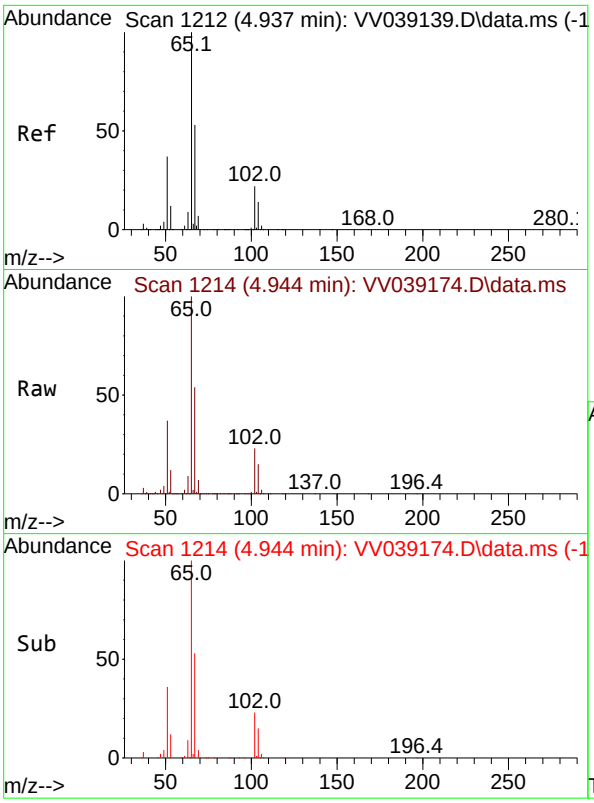


#31
Cyclohexane
Concen: 11.239 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 56 Resp: 163390

Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.2	39.2
84	80.2	70.3	105.5

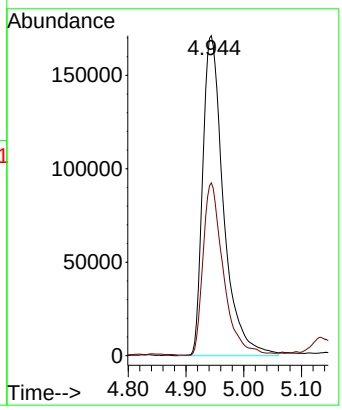




#33
1,2-Dichloroethane-d4
Concen: 52.444 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 65 Resp: 42746

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.0



Instrument :
MSVOA_V
ClientSampleId :
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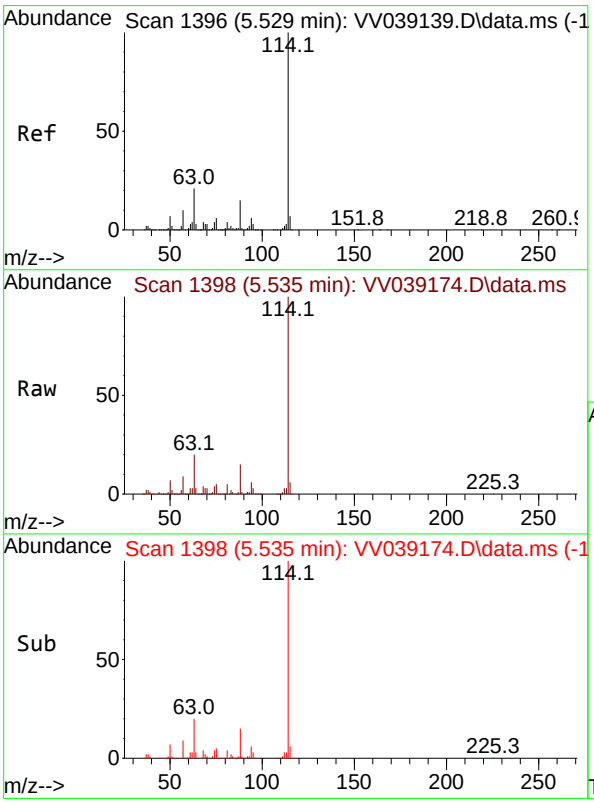
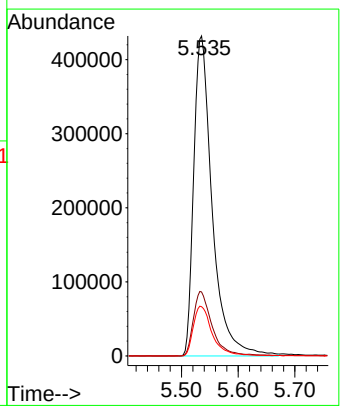
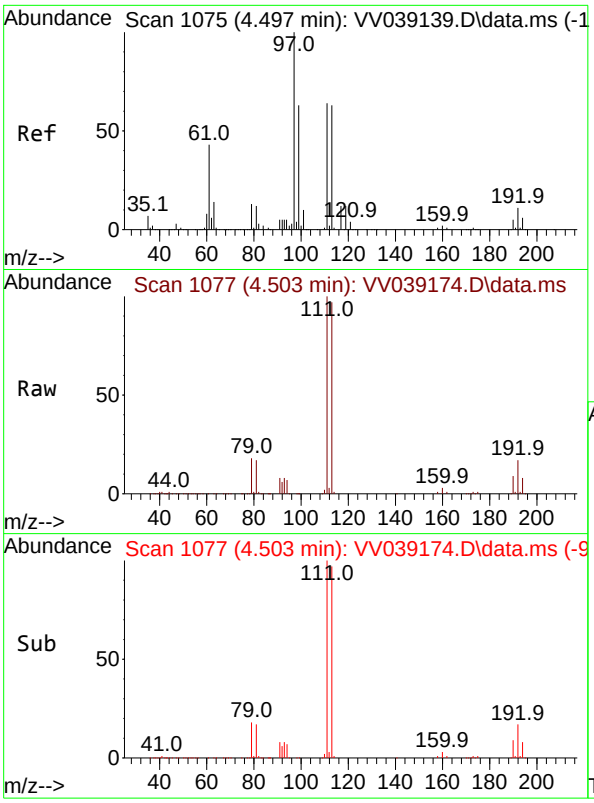


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:114 Resp: 979530

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.4	0.0	30.8

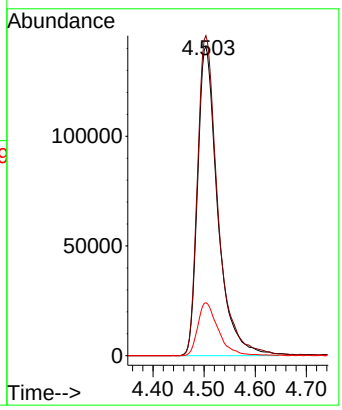




#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:113 Resp: 38467

Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.4	123.6
192	17.3	13.8	20.8



Instrument :
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ClientSampleId :
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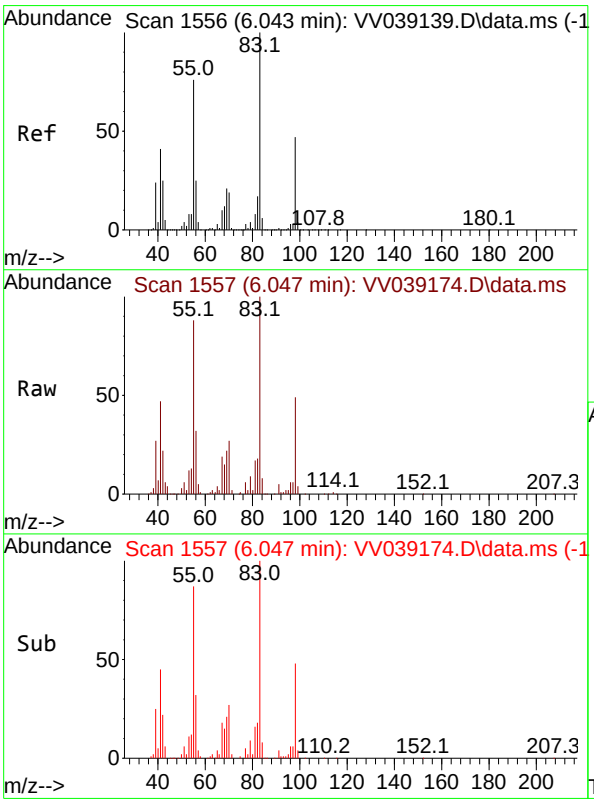
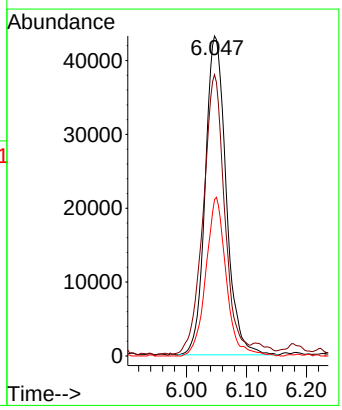
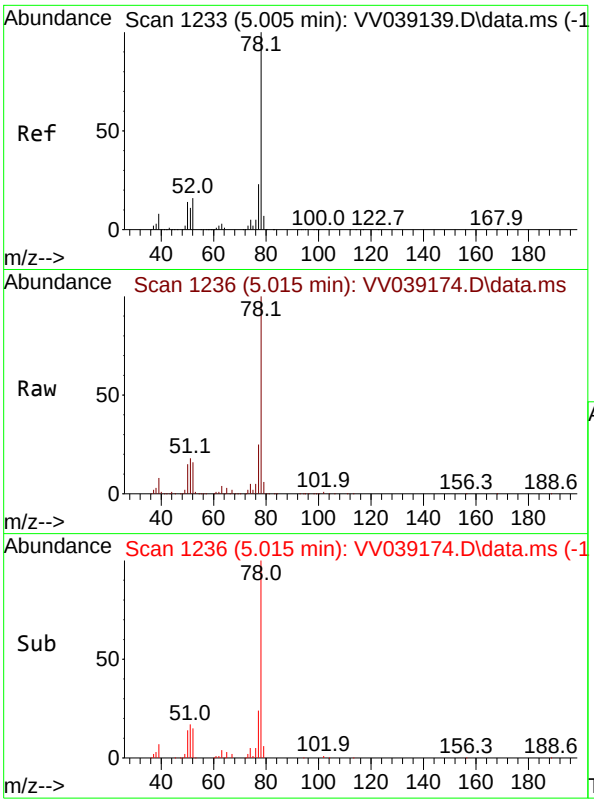


#39
Methylcyclohexane
Concen: 7.272 ug/l
RT: 6.047 min Scan# 1557
Delta R.T. 0.004 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 83 Resp: 104560

Ion	Ratio	Lower	Upper
83	100		
55	87.3	60.5	90.7
98	48.8	37.8	56.6

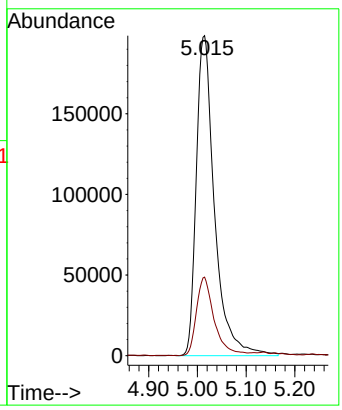




#40
Benzene
Concen: 13.331 ug/l
RT: 5.015 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 78 Resp: 51682

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.7	28.1



Instrument :
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ClientSampleId :
MW2DL

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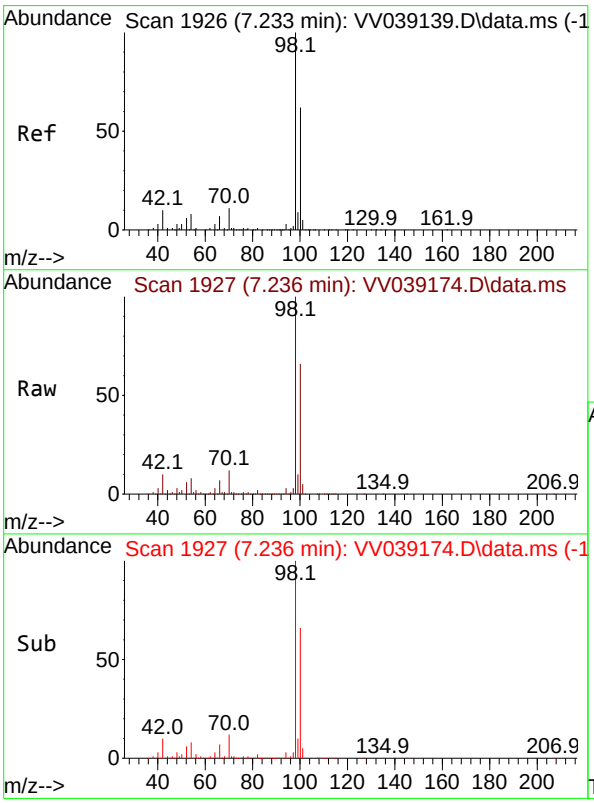
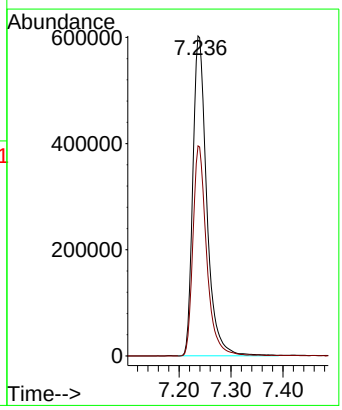
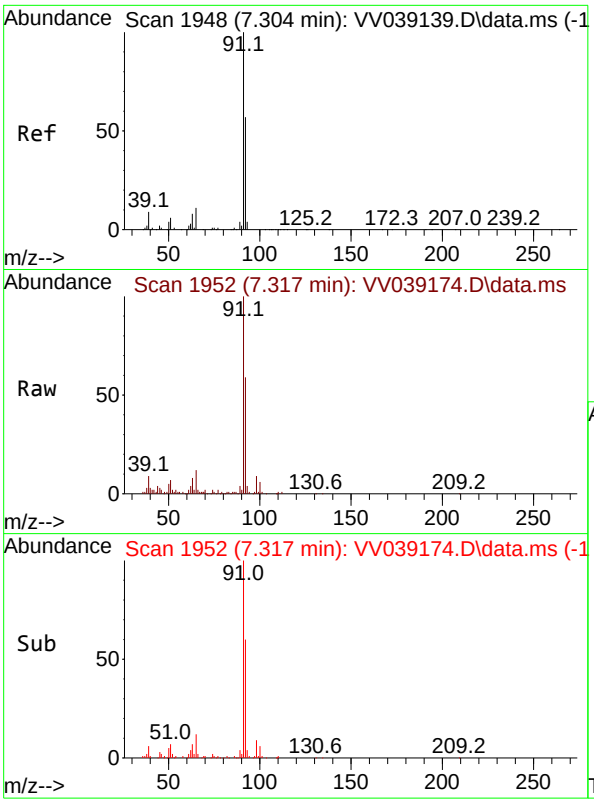


#50
Toluene-d8
Concen: 48.331 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 98 Resp: 1117790

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#52
Toluene
Concen: 2.860 ug/l
RT: 7.317 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 92 Resp: 6428

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.2	208.8

Instrument :
MSVOA_V
ClientSampleId :
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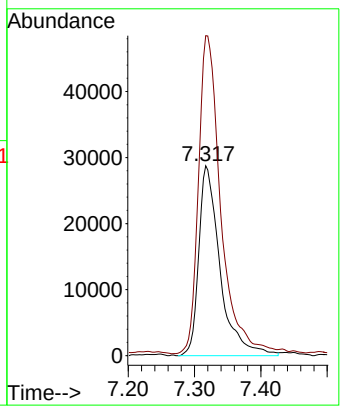
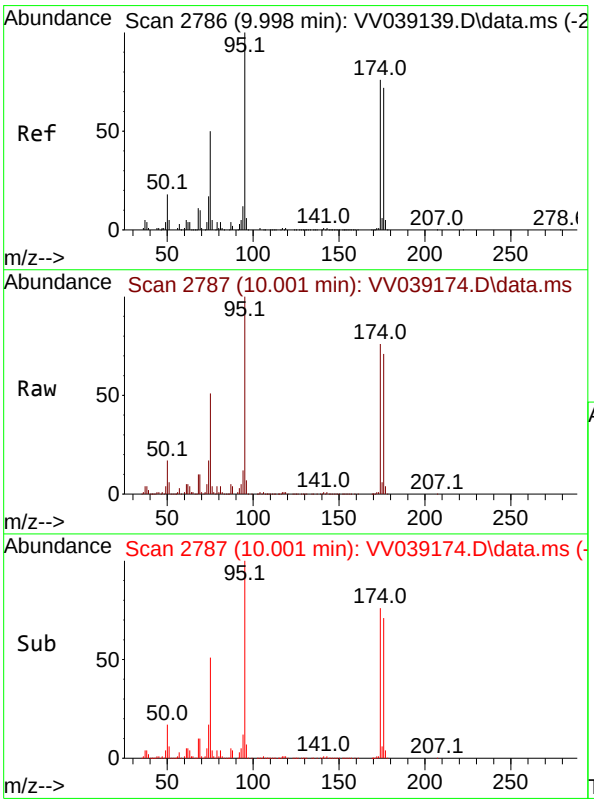
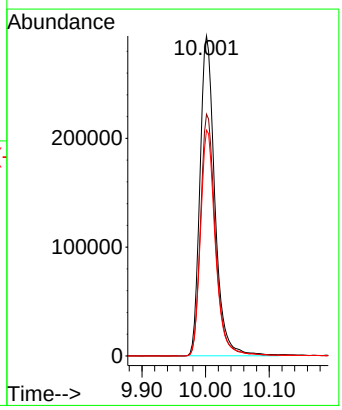


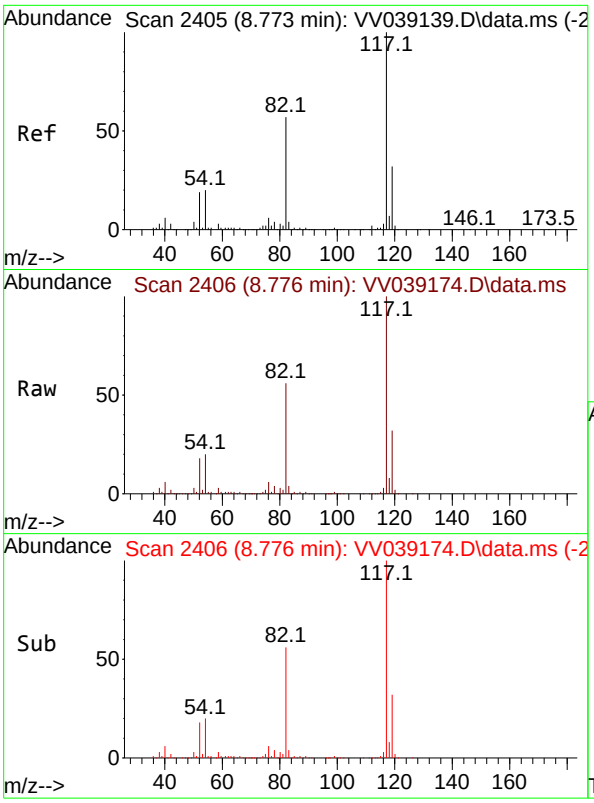


#62
4-Bromofluorobenzene
Concen: 50.170 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 95 Resp: 477673

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.4
176	70.6	0.0	144.2

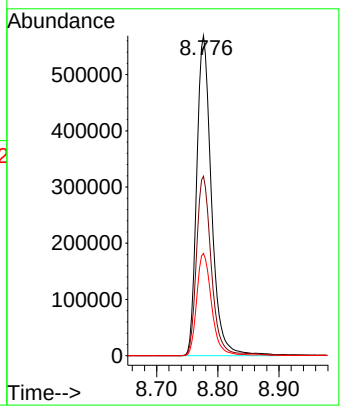




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:117 Resp: 95467

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.2
119	32.0	25.6	38.4



Instrument :
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ClientSampleId :
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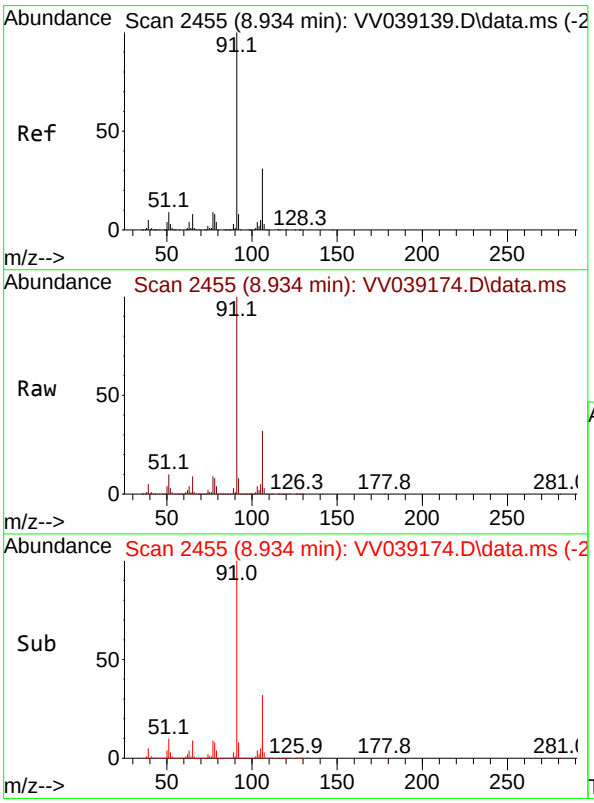
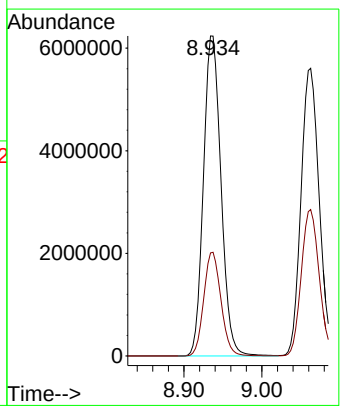
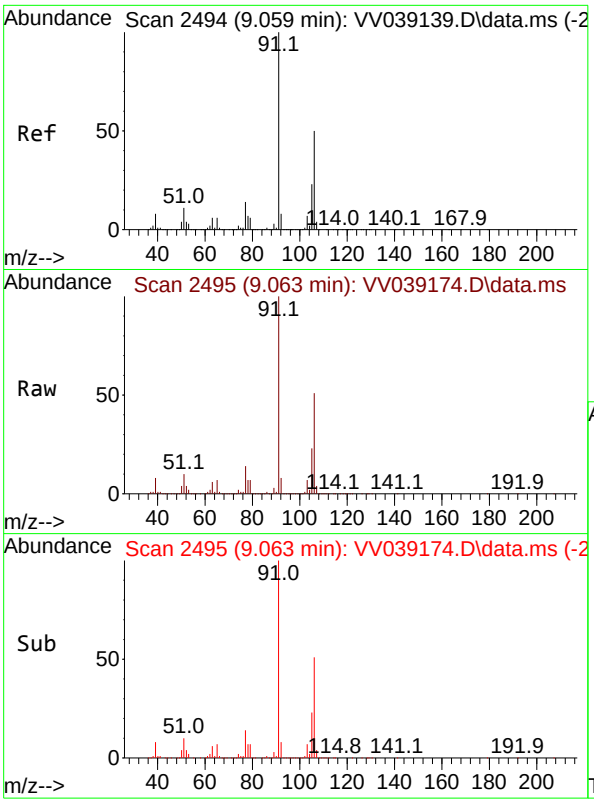


#67
Ethyl Benzene
Concen: 242.606 ug/l
RT: 8.934 min Scan# 2455
Delta R.T. -0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 91 Resp: 9765537

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.6	37.0





#68
m/p-Xylenes
Concen: 295.919 ug/l
RT: 9.063 min Scan# 24
Delta R.T. 0.004 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:106 Resp: 459737

Ion	Ratio	Lower	Upper
106	100		
91	198.5	162.5	243.7

Instrument :
MSVOA_V
ClientSampleId :
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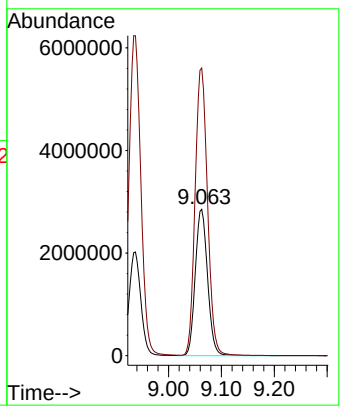
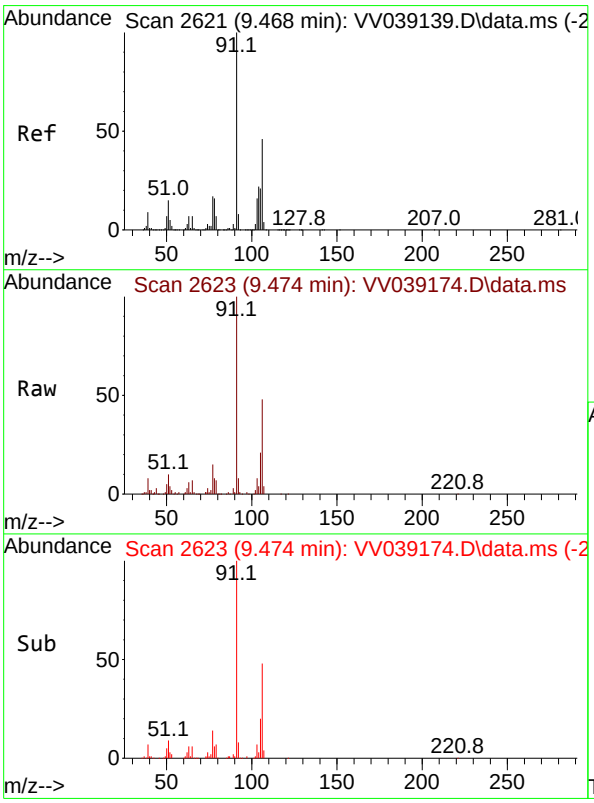
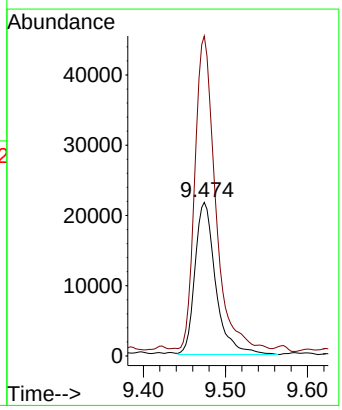


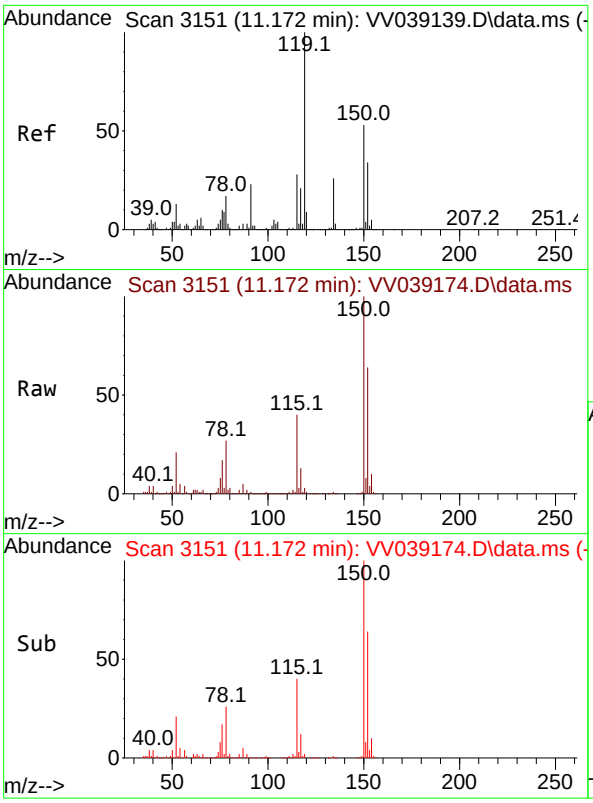


#69
o-Xylene
Concen: 2.767 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:106 Resp: 38063

Ion	Ratio	Lower	Upper
106	100		
91	200.5	109.1	327.3

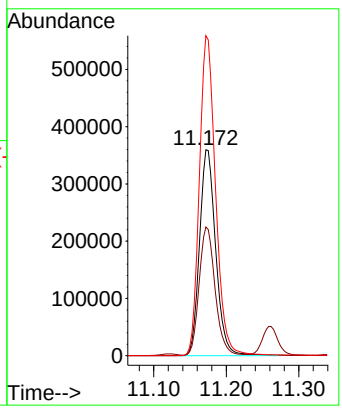




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:152 Resp: 55853

Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.8	134.4
150	155.7	0.0	353.8



Instrument :
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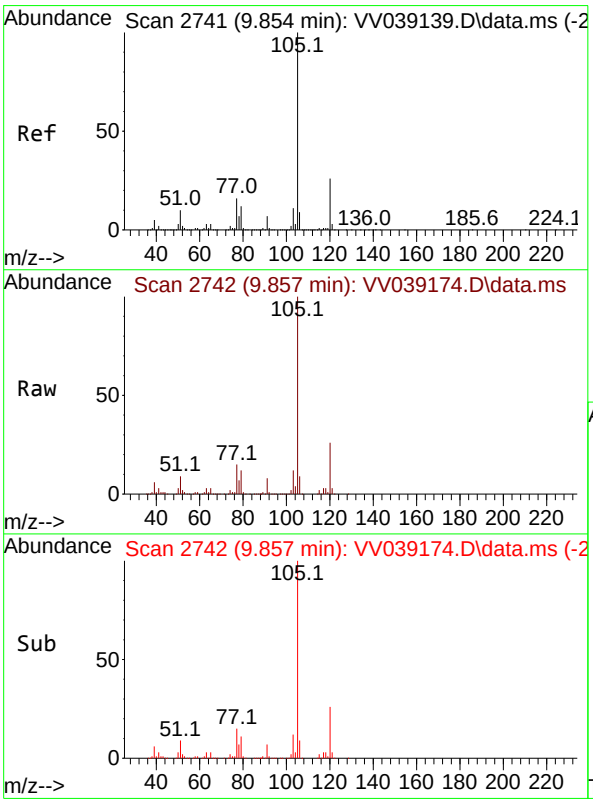
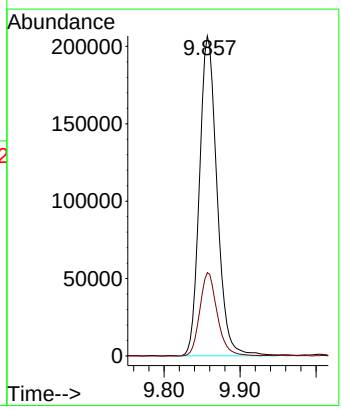
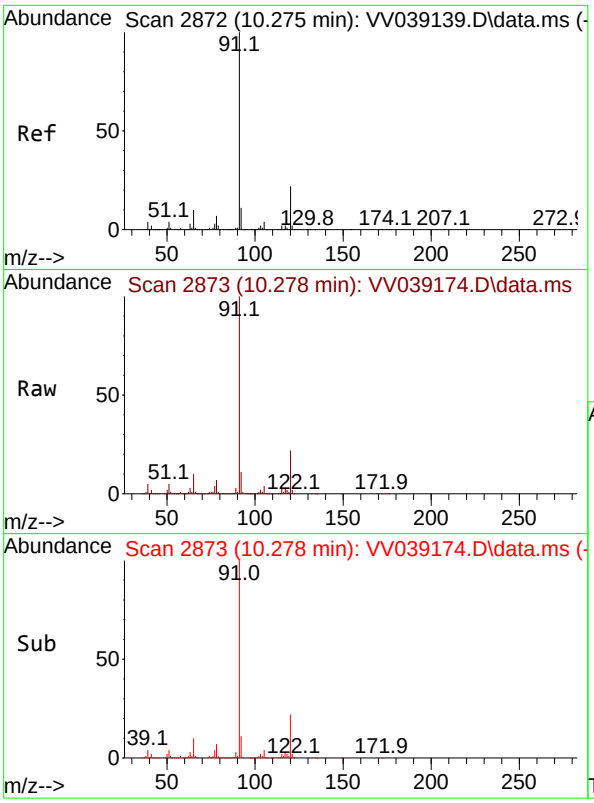


#73
Isopropylbenzene
Concen: 8.177 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 331271

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.1

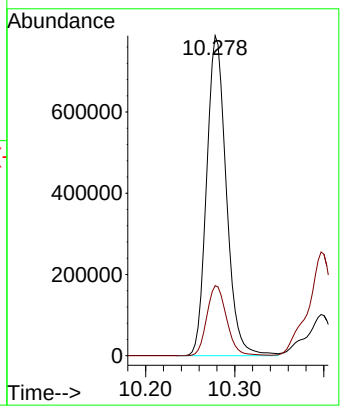




#78
n-propylbenzene
Concen: 24.402 ug/l
RT: 10.278 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 91 Resp: 120383

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.3



Instrument :
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ClientSampleId :
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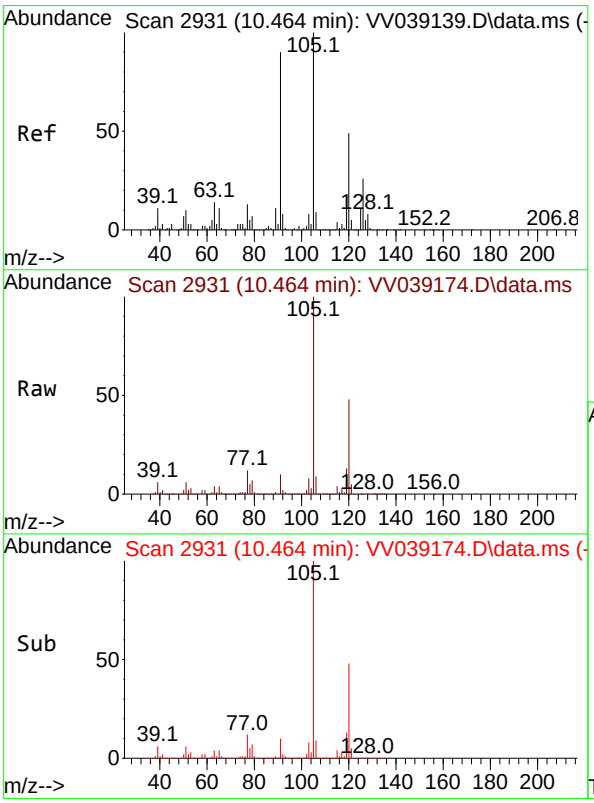
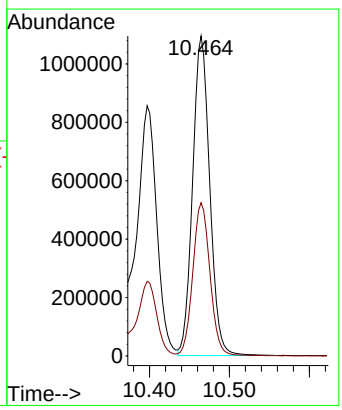
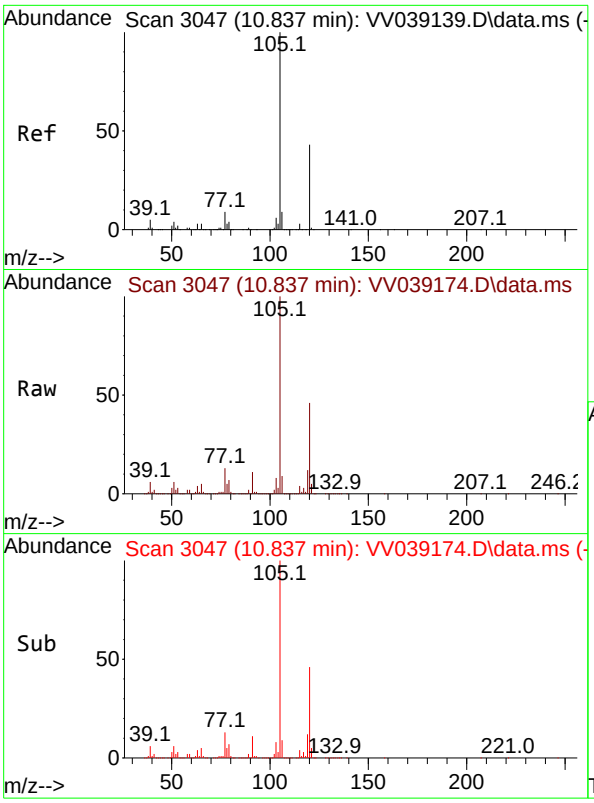


#80
1,3,5-Trimethylbenzene
Concen: 48.359 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 1628348

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.8

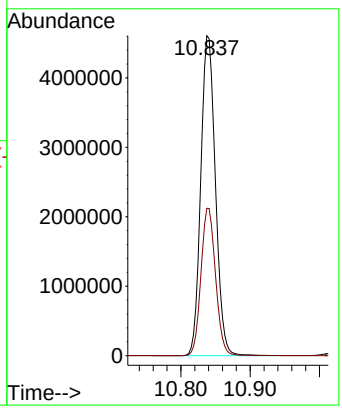




#84
1,2,4-Trimethylbenzene
Concen: 206.300 ug/l
RT: 10.837 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 674399

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.4	67.2



Instrument :
MSVOA_V
ClientSampleId :
MW2DL

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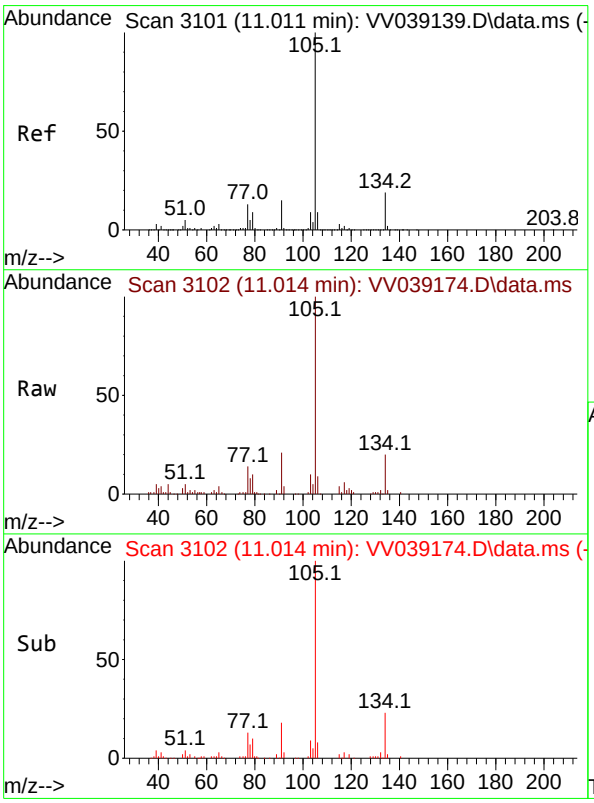
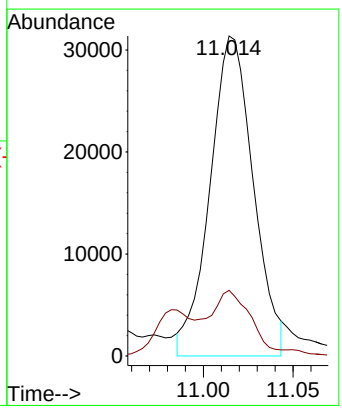
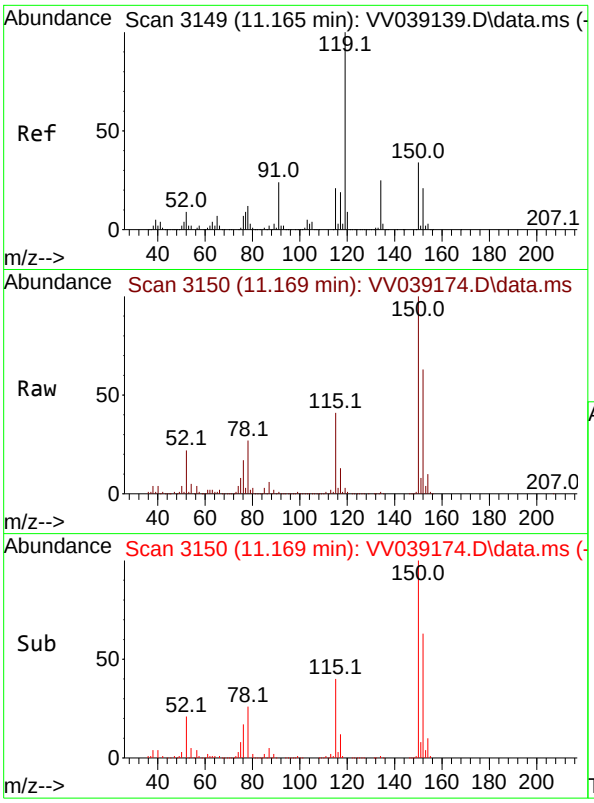


#85
sec-Butylbenzene
Concen: 1.183 ug/l m
RT: 11.014 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 52699

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8#

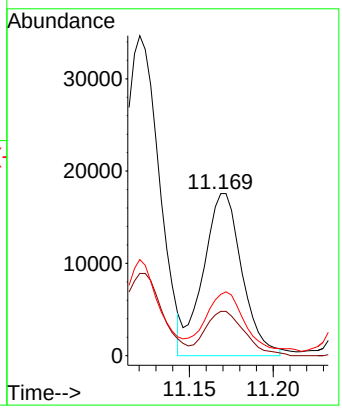




#86
p-Isopropyltoluene
Concen: 0.764 ug/l m
RT: 11.169 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:119 Resp: 2830

Ion	Ratio	Lower	Upper
119	100		
134	51.6	12.7	38.0#
91	49.5	12.0	36.1#



Instrument :
MSVOA_V
ClientSampleId :
MW2DL

Manual Integrations
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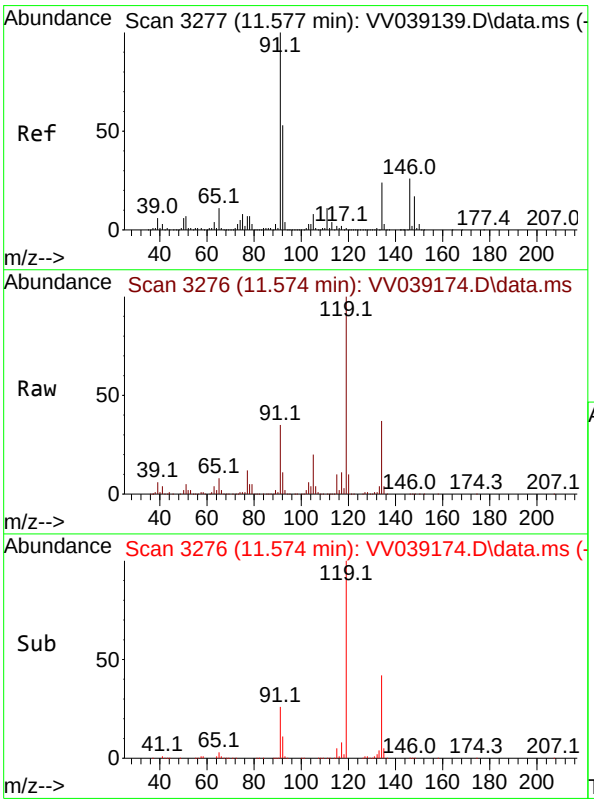
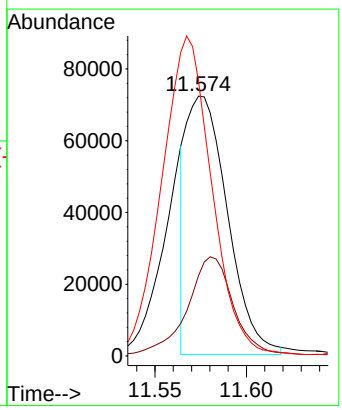
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

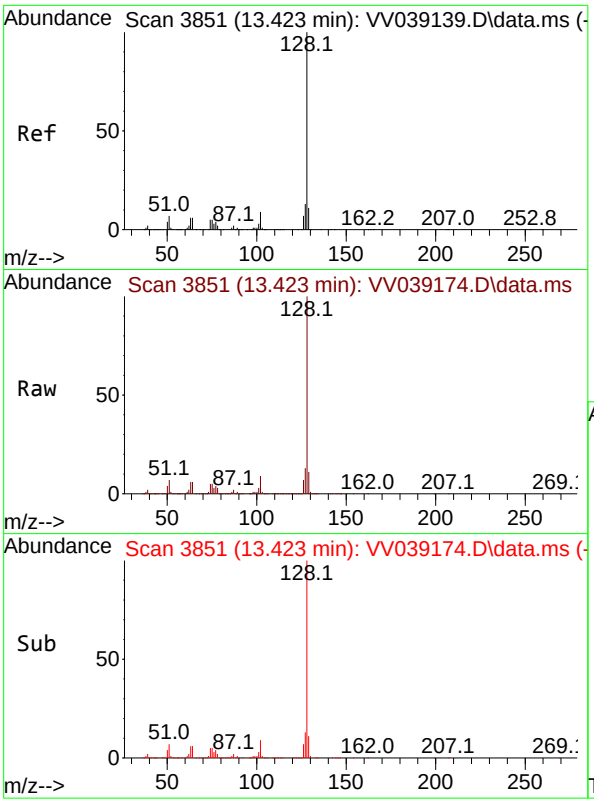


#89
n-Butylbenzene
Concen: 3.171 ug/l m
RT: 11.574 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 91 Resp: 112240

Ion	Ratio	Lower	Upper
91	100		
92	43.0	26.6	79.8
134	149.1	12.1	36.3#

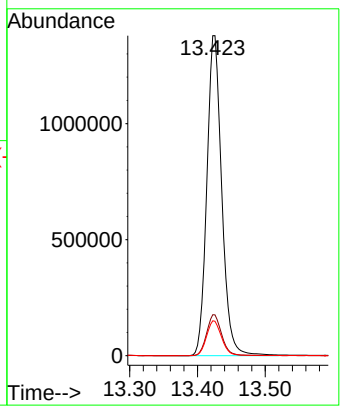




#95
Naphthalene
Concen: 57.156 ug/l
RT: 13.423 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:128 Resp: 210456

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MW2DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

A B C D E F G H I J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039179.D
Acq On : 25 Sep 2025 14:25
Operator : SY/MD
Sample : Q3175-01DL2 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 26 01:28:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	457907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	814896	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	779302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	406825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	368510	55.605	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.220%			
35) Dibromofluoromethane	4.503	113	326916	49.902	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 99.800%			
50) Toluene-d8	7.239	98	872246	45.333	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.660%			
62) 4-Bromofluorobenzene	10.001	95	367137	46.351	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 92.700%			
Target Compounds						Qvalue
31) Cyclohexane	4.590	56	36779	3.112	ug/l #	79
39) Methylcyclohexane	6.047	83	19339	1.617	ug/l	93
40) Benzene	5.018	78	114906	3.563	ug/l	97
52) Toluene	7.326	92	13136	0.702	ug/l	99
67) Ethyl Benzene	8.937	91	1804165	54.908	ug/l	100
68) m/p-Xylenes	9.062	106	895770	70.633	ug/l	98
69) o-Xylene	9.480	106	8550	0.761	ug/l	88
73) Isopropylbenzene	9.860	105	64305	2.179	ug/l	97
78) n-propylbenzene	10.281	91	211654	5.890	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	267764	10.918	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1212989	50.943	ug/l	99
85) sec-Butylbenzene	11.014	105	11370m	0.351	ug/l	
86) p-Isopropyltoluene	11.172	119	6248m	0.231	ug/l	
89) n-Butylbenzene	11.580	91	22134m	0.858	ug/l	
95) Naphthalene	13.429	128	343331	12.801	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039179.D
Acq On : 25 Sep 2025 14:25
Operator : SY/MD
Sample : Q3175-01DL2 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 26 01:28:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations APPROVED

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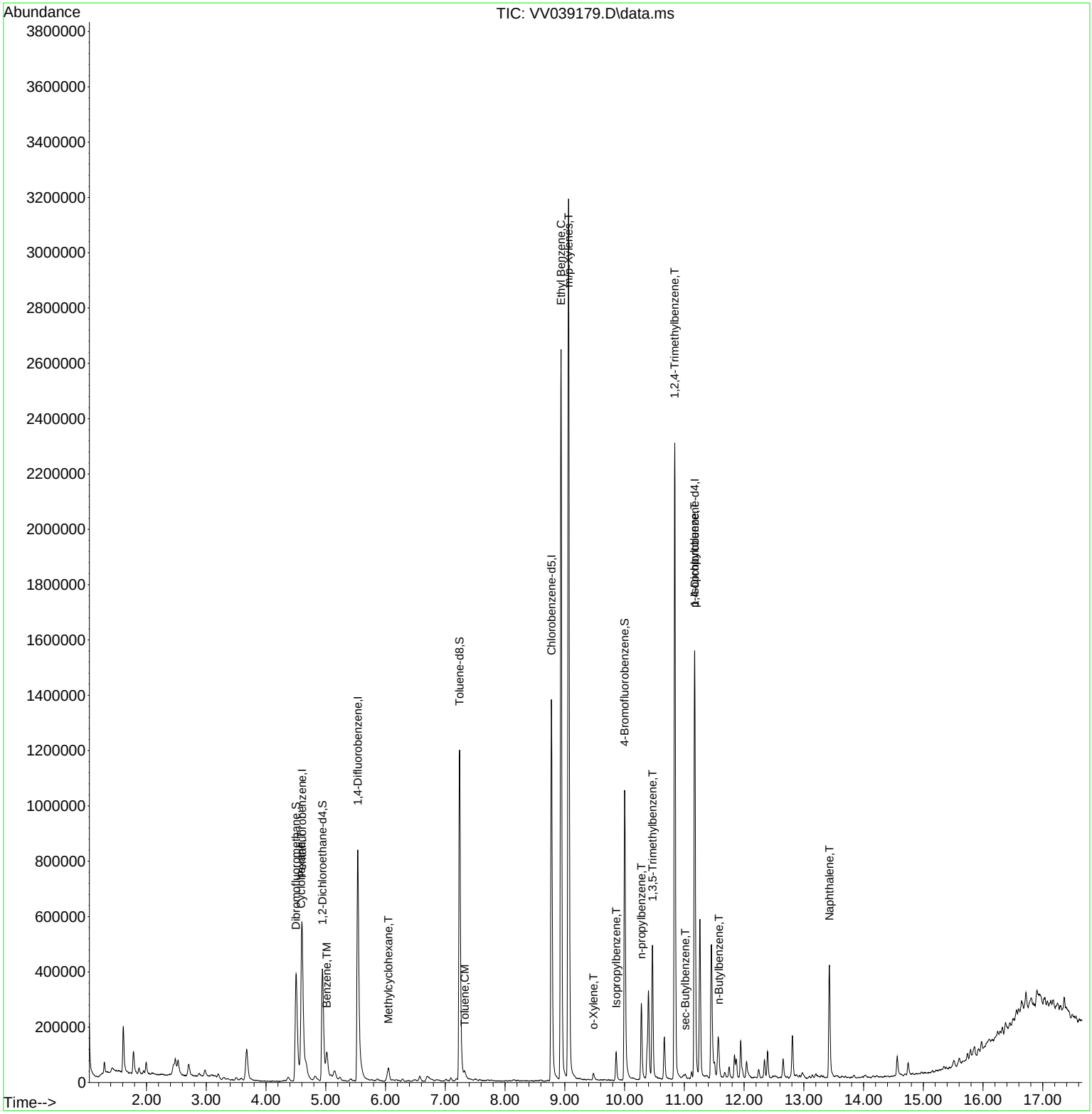
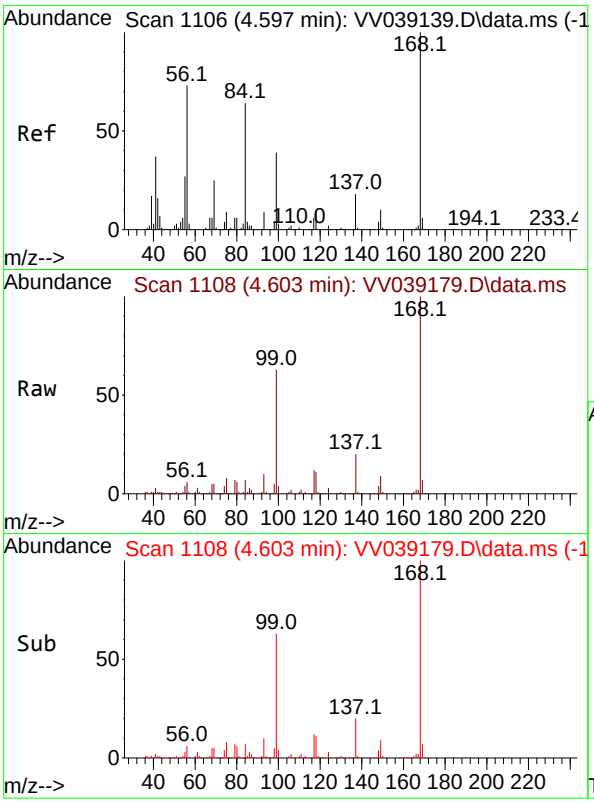
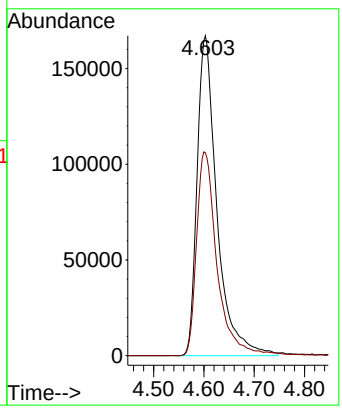




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:168 Resp: 45790

Ion	Ratio	Lower	Upper
168	100		
99	63.4	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

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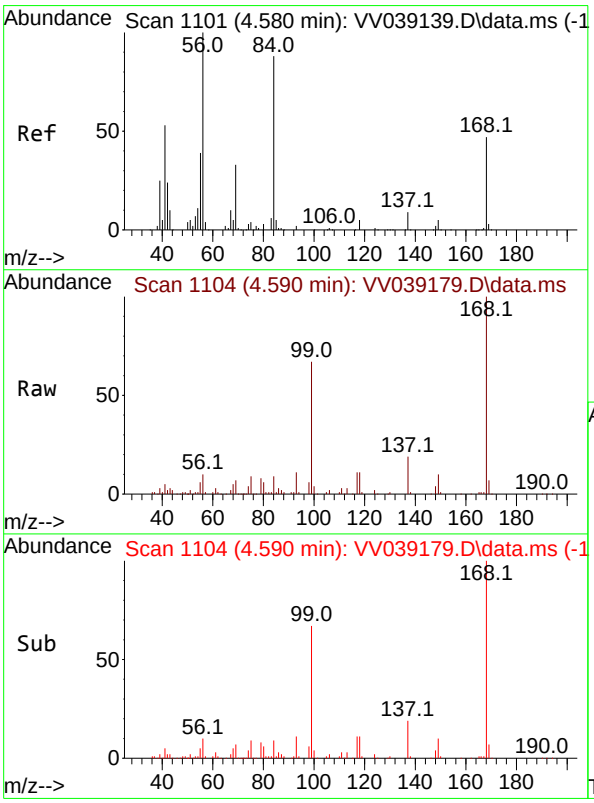
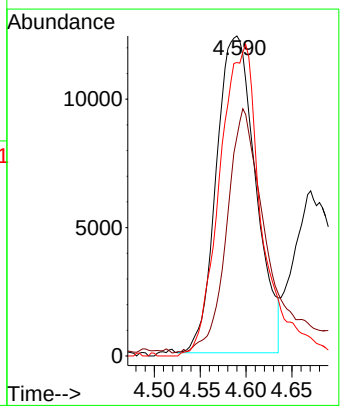
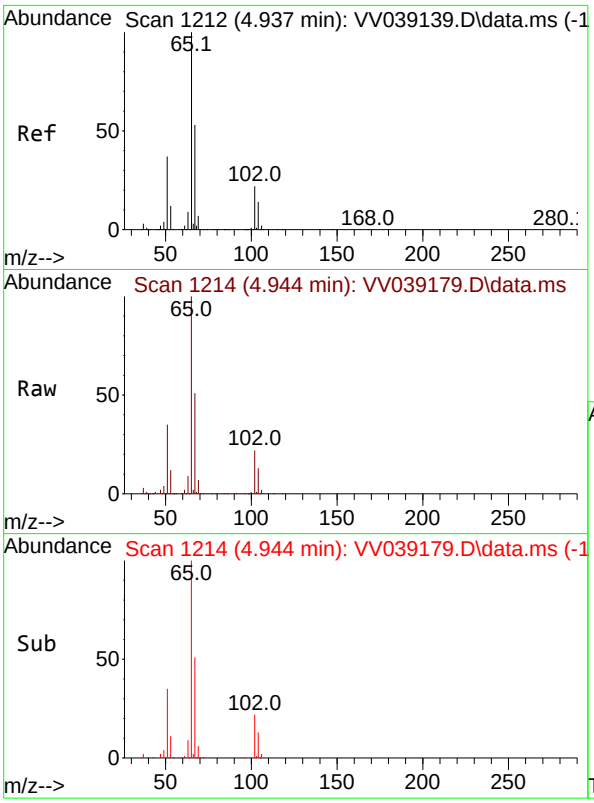


#31
Cyclohexane
Concen: 3.112 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 56 Resp: 36779

Ion	Ratio	Lower	Upper
56	100		
69	67.7	26.2	39.2#
84	92.6	70.3	105.5

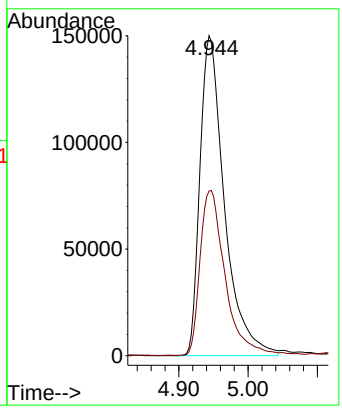




#33
1,2-Dichloroethane-d4
Concen: 55.605 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 65 Resp: 36851

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.0



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

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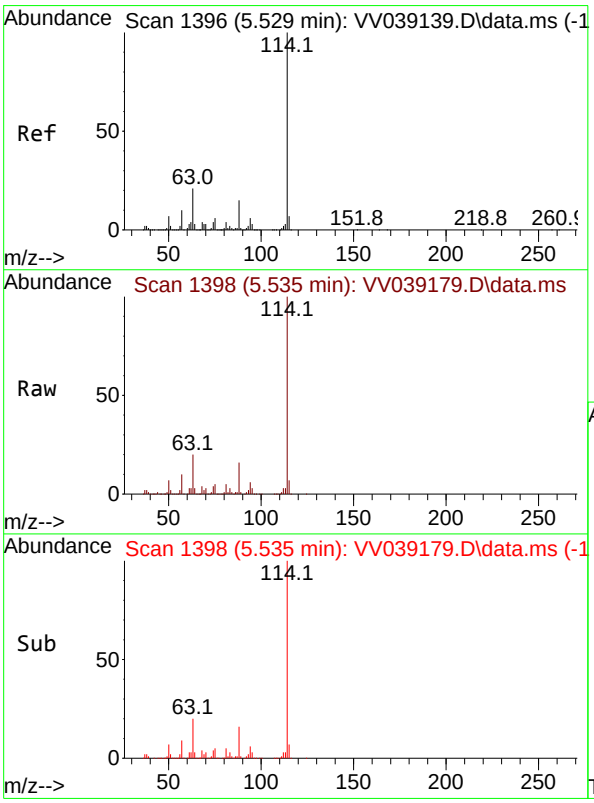
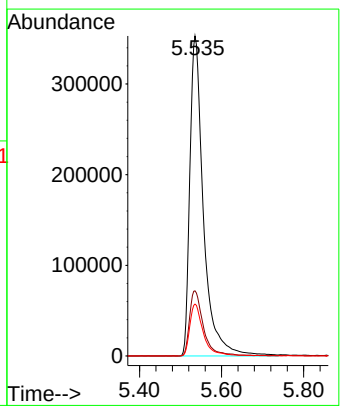
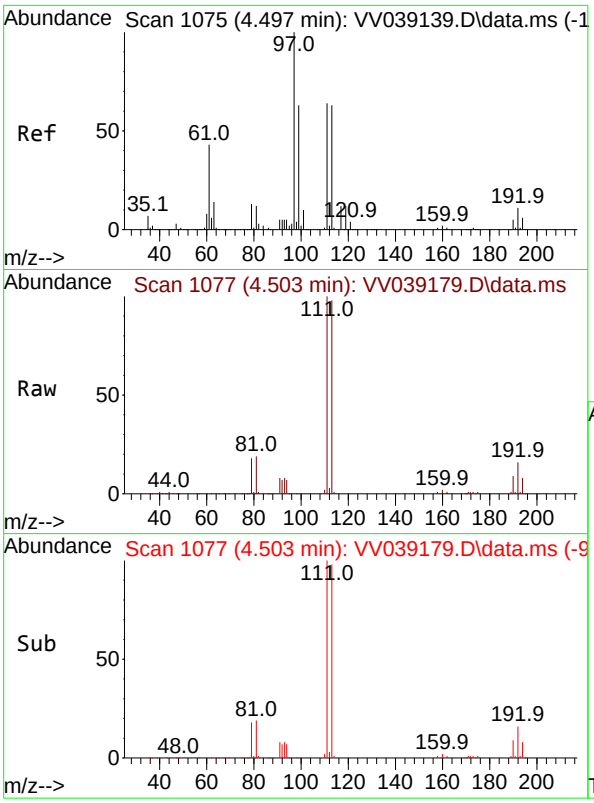


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:114 Resp: 814896

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.2	0.0	30.8

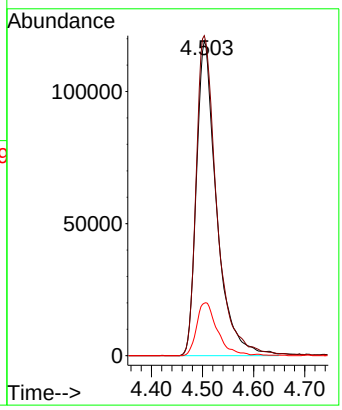




#35
Dibromofluoromethane
Concen: 49.902 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:113 Resp: 32691

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	17.2	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
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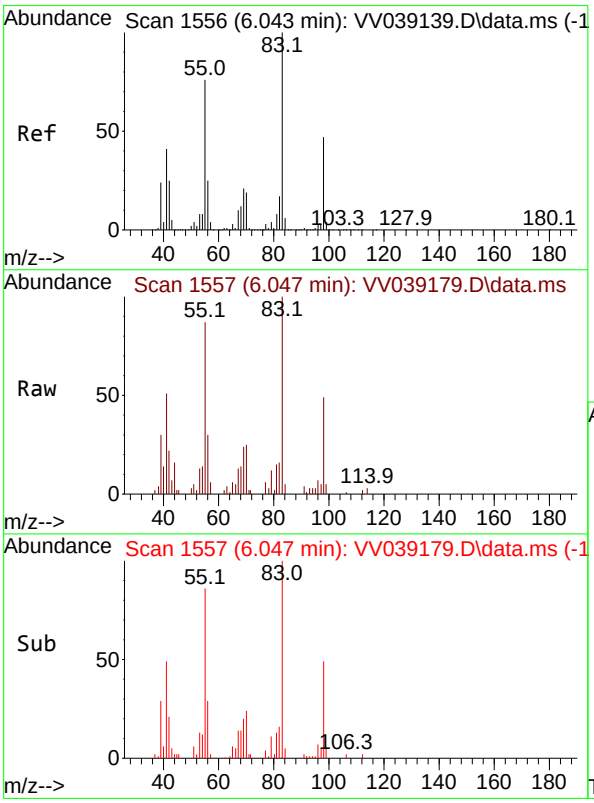
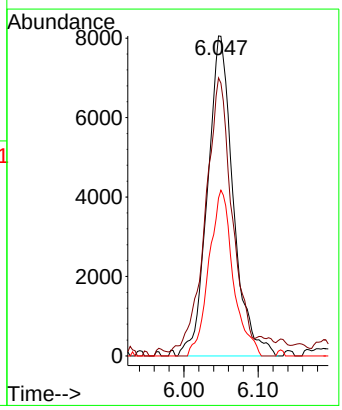
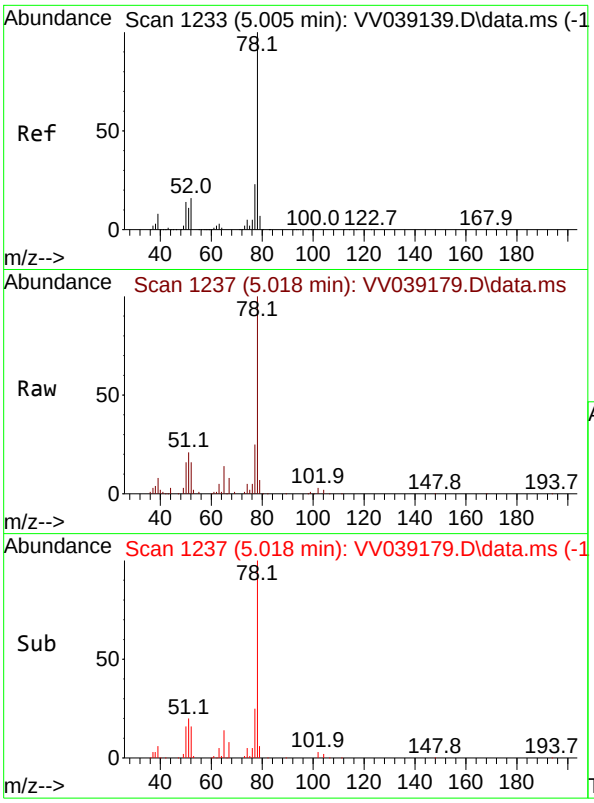


#39
Methylcyclohexane
Concen: 1.617 ug/l
RT: 6.047 min Scan# 1557
Delta R.T. 0.004 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 83 Resp: 19339

Ion	Ratio	Lower	Upper
83	100		
55	83.8	60.5	90.7
98	49.3	37.8	56.6

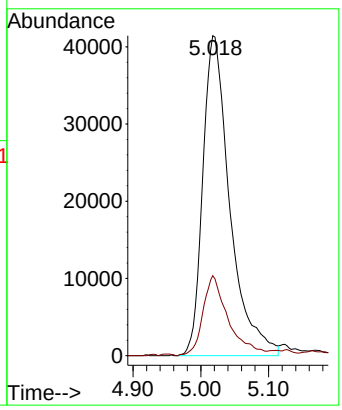




#40
Benzene
Concen: 3.563 ug/l
RT: 5.018 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 78 Resp: 11490

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.7	28.1



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

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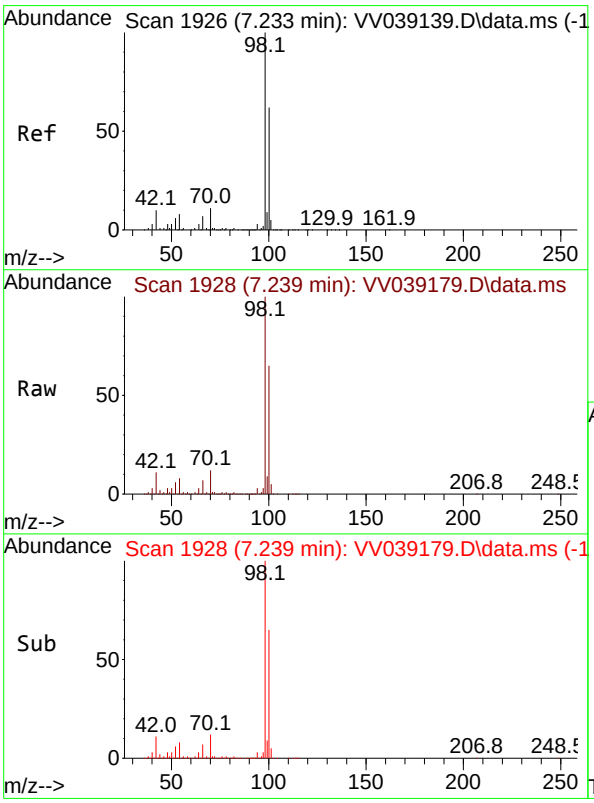
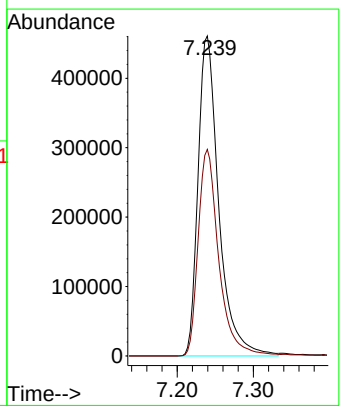
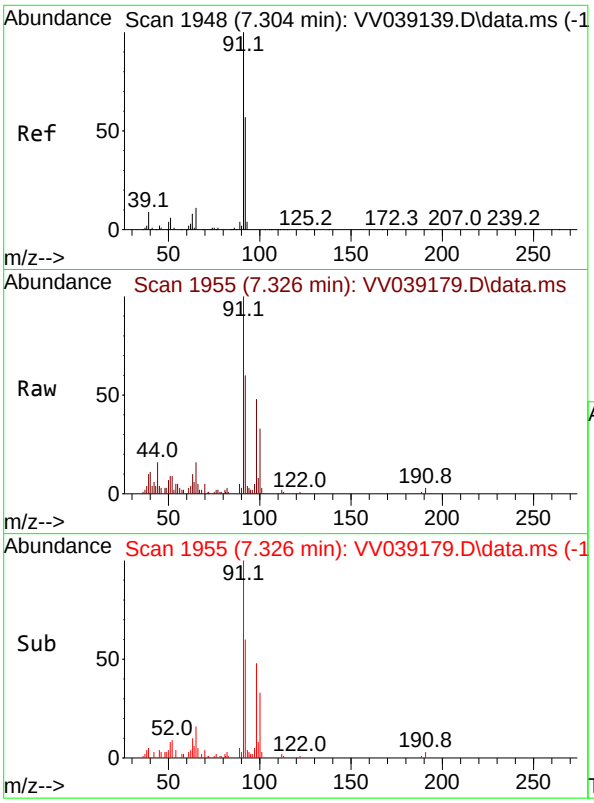


#50
Toluene-d8
Concen: 45.333 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 98 Resp: 872246

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#52
Toluene
Concen: 0.702 ug/l
RT: 7.326 min Scan# 1
Delta R.T. 0.022 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 92 Resp: 1313

Ion	Ratio	Lower	Upper
92	100		
91	174.9	139.2	208.8

Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
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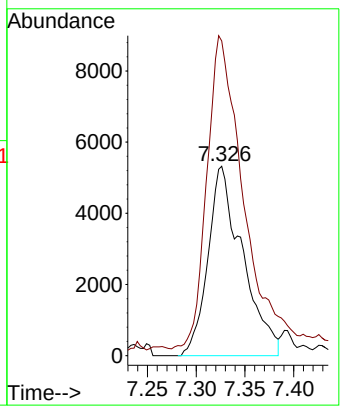
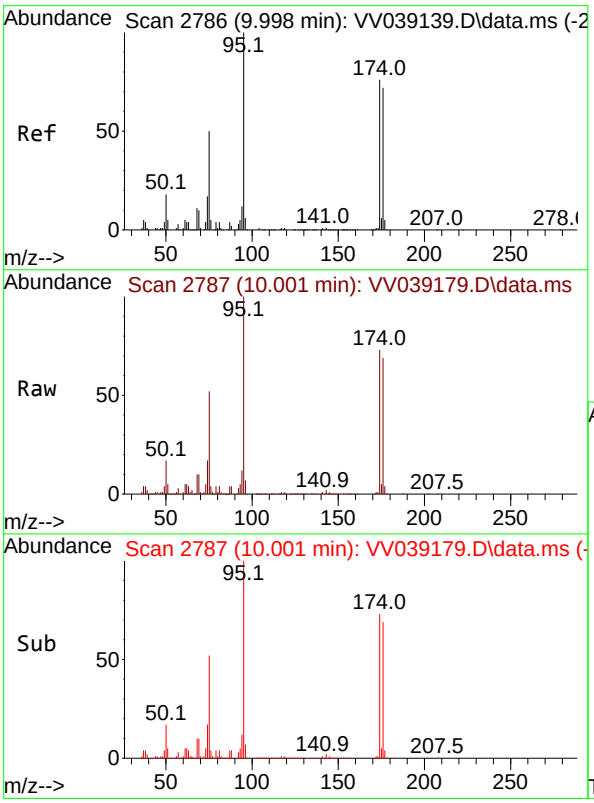
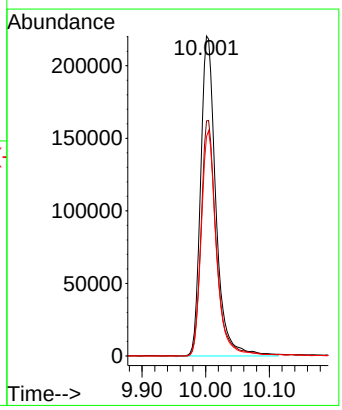


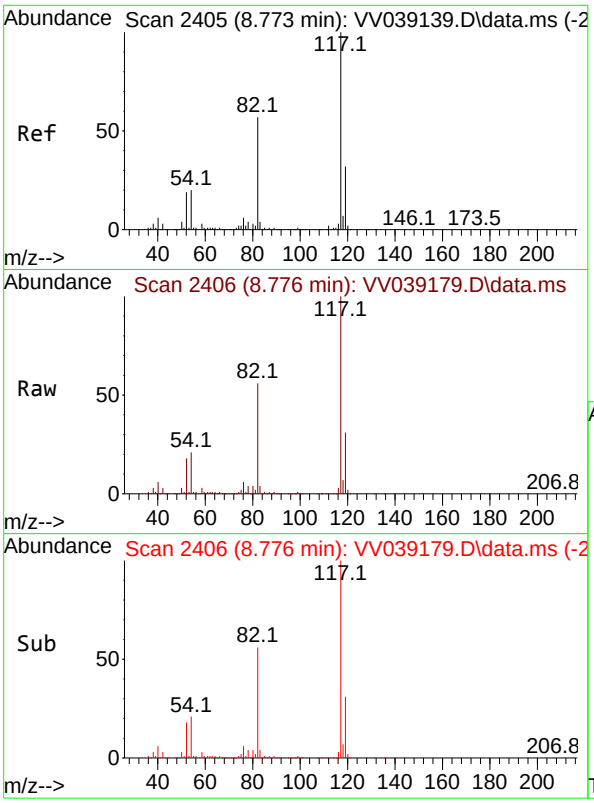


#62
4-Bromofluorobenzene
Concen: 46.351 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 95 Resp: 367137

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	150.4
176	69.4	0.0	144.2

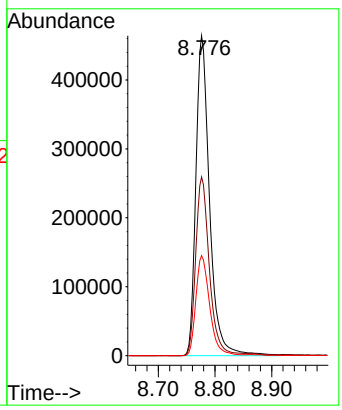




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:117 Resp: 77930

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.2
119	31.3	25.6	38.4



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
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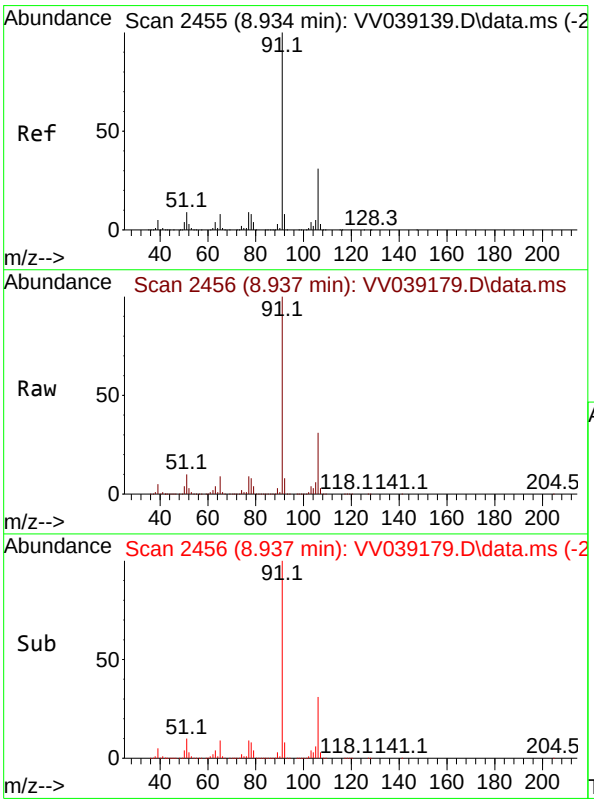
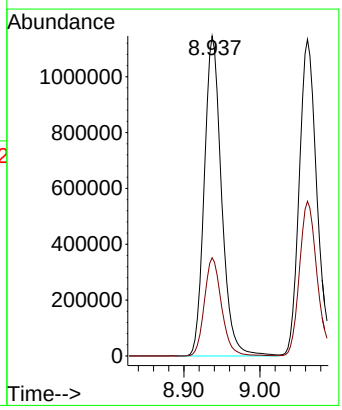
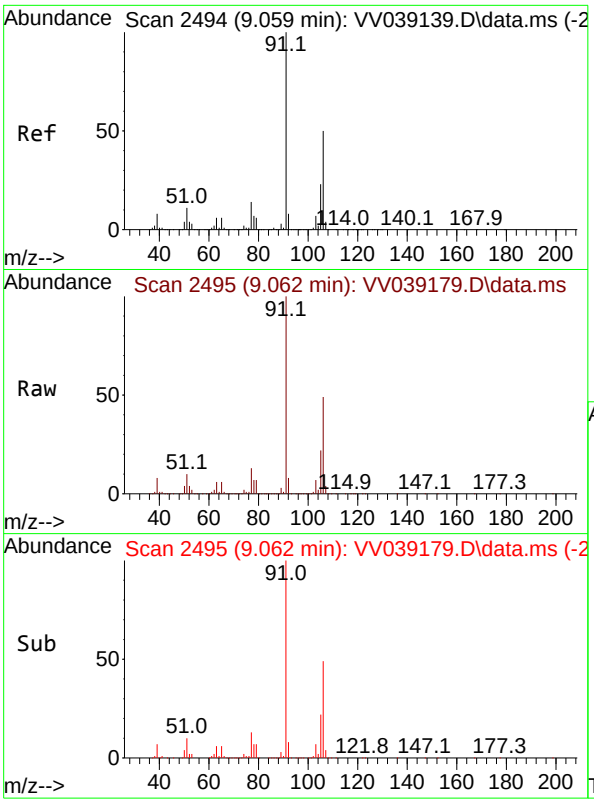


#67
Ethyl Benzene
Concen: 54.908 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 91 Resp: 1804165

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	37.0





#68
m/p-Xylenes
Concen: 70.633 ug/l
RT: 9.062 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

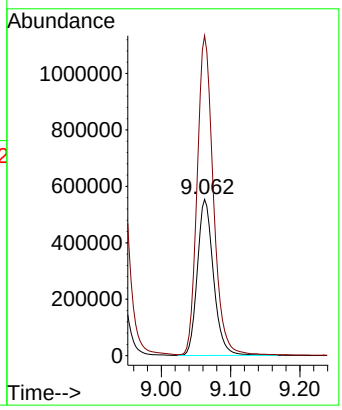
Tgt Ion:106 Resp: 89577

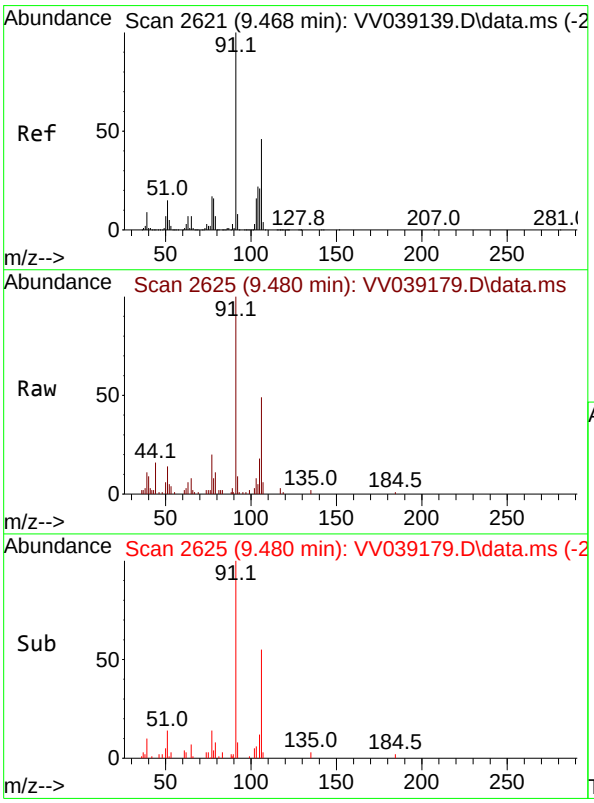
Ion	Ratio	Lower	Upper
106	100		
91	206.7	162.5	243.7

Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

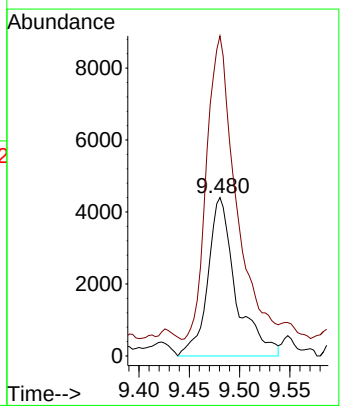


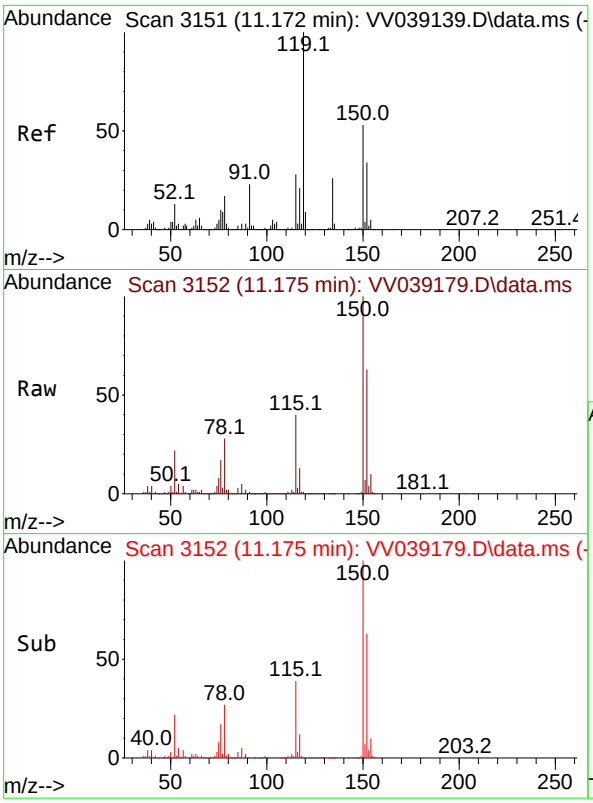


#69
o-Xylene
Concen: 0.761 ug/l
RT: 9.480 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:106 Resp: 8550

Ion	Ratio	Lower	Upper
106	100		
91	198.5	109.1	327.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

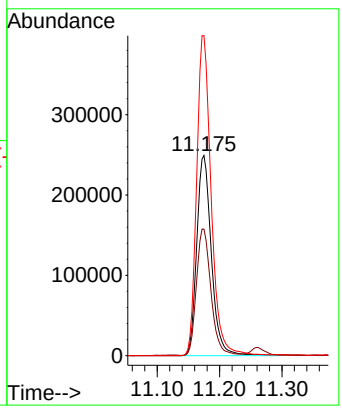
Tgt Ion:152 Resp: 40682

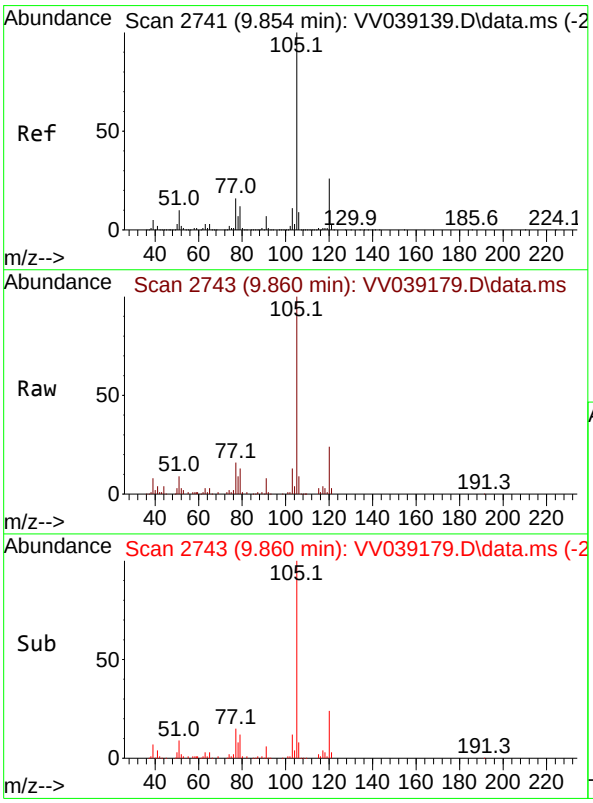
Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.8	134.4
150	158.5	0.0	353.8

Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

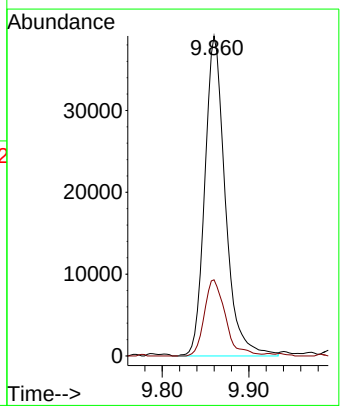


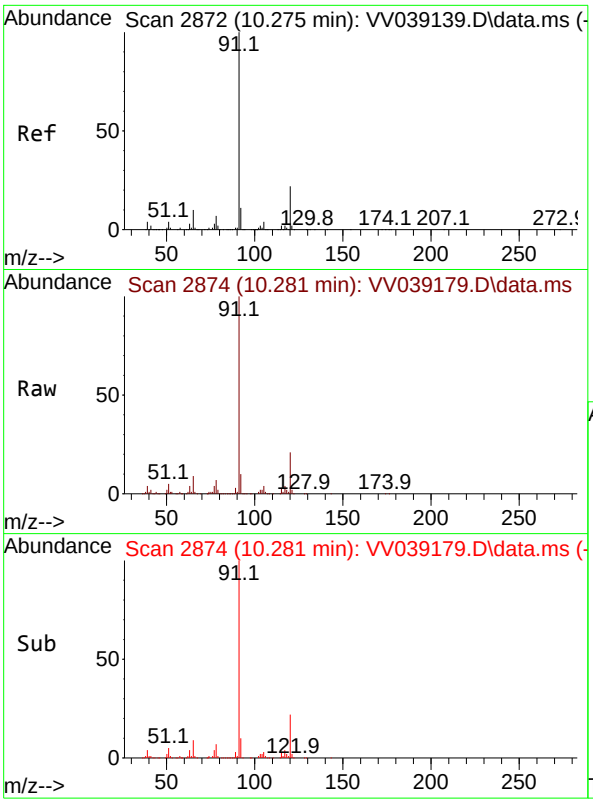


#73
Isopropylbenzene
Concen: 2.179 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:105 Resp: 64305

Ion	Ratio	Lower	Upper
105	100		
120	24.6	13.1	39.1

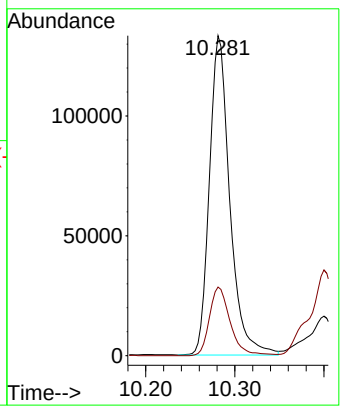




#78
n-propylbenzene
Concen: 5.890 ug/l
RT: 10.281 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 91 Resp: 21165

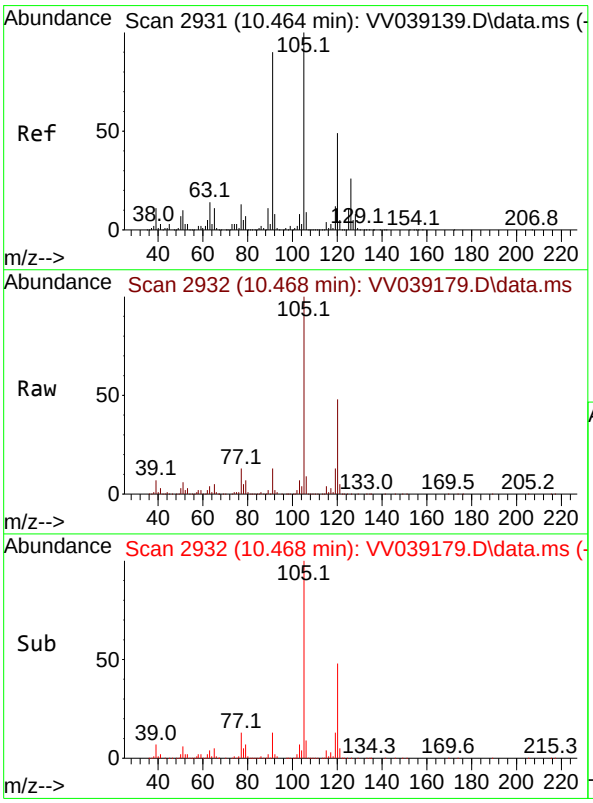
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
APPROVED

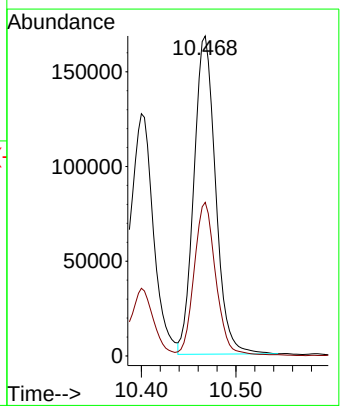
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

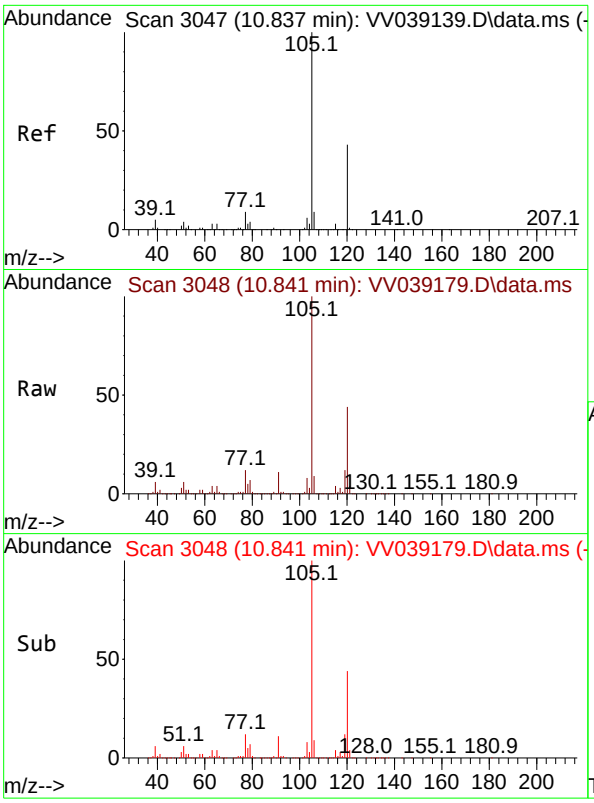


#80
1,3,5-Trimethylbenzene
Concen: 10.918 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:105 Resp: 267764

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.3	72.8

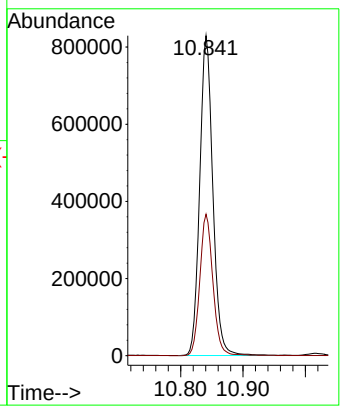




#84
1,2,4-Trimethylbenzene
Concen: 50.943 ug/l
RT: 10.841 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:105 Resp: 121298

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.2



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
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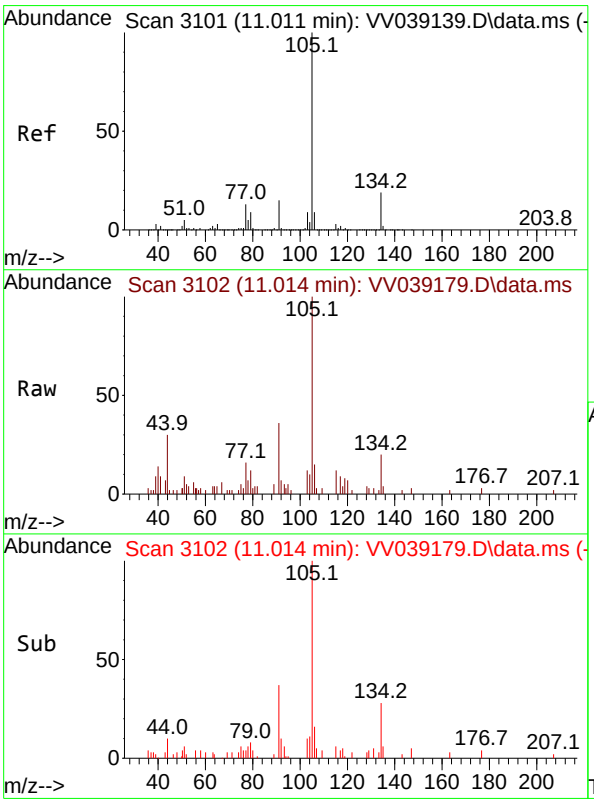
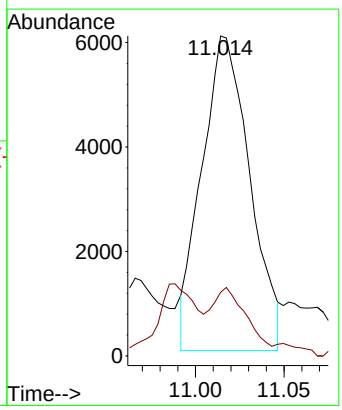
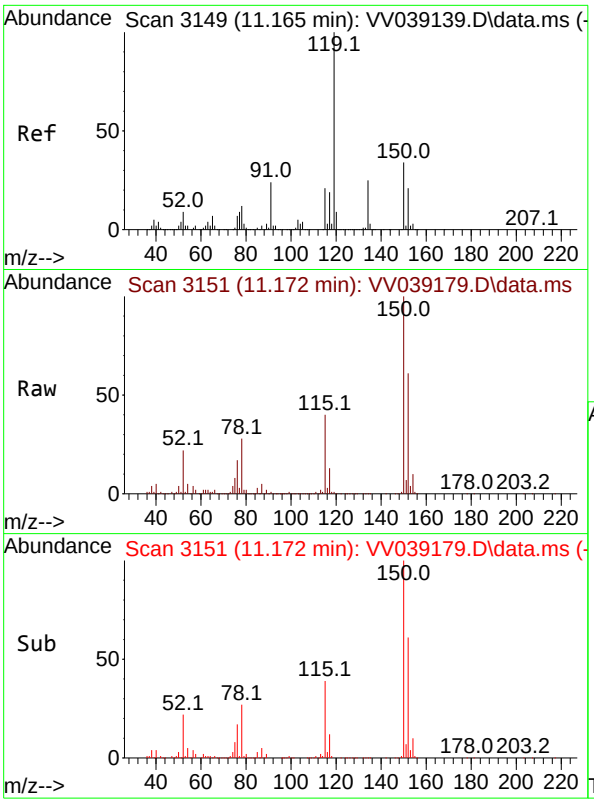


#85
sec-Butylbenzene
Concen: 0.351 ug/l m
RT: 11.014 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:105 Resp: 11370

Ion	Ratio	Lower	Upper
105	100		
134	3.4	9.6	28.8#

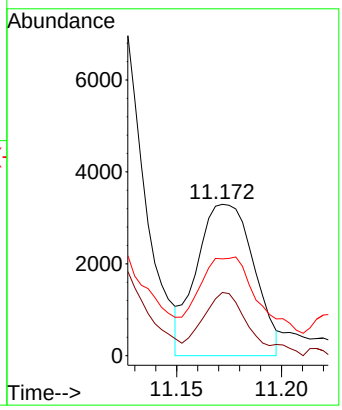




#86
p-Isopropyltoluene
Concen: 0.231 ug/l m
RT: 11.172 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:119 Resp: 624

Ion	Ratio	Lower	Upper
119	100		
134	51.4	12.7	38.0#
91	61.4	12.0	36.1#



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
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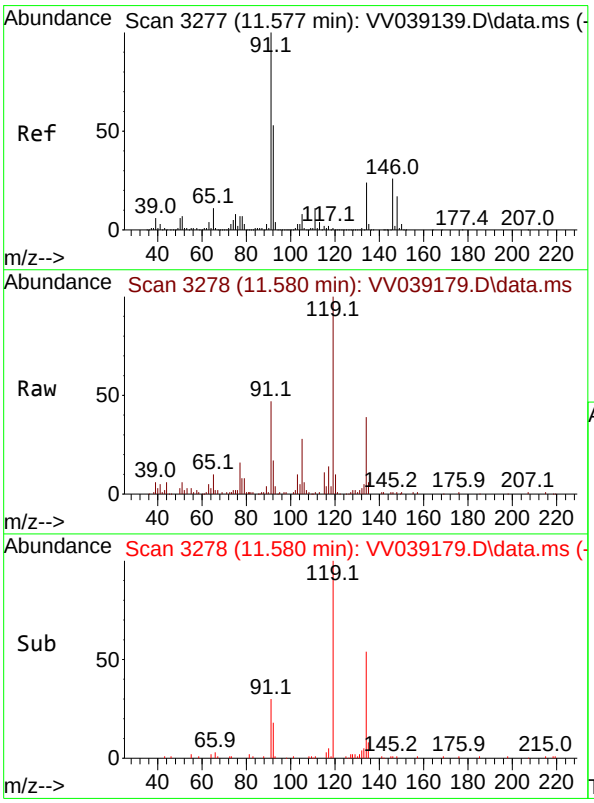
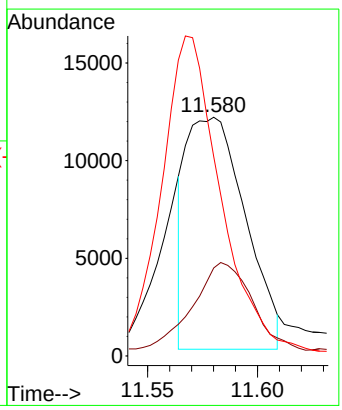
Supervised By :Semsettin Yesilyurt 09/29/2025

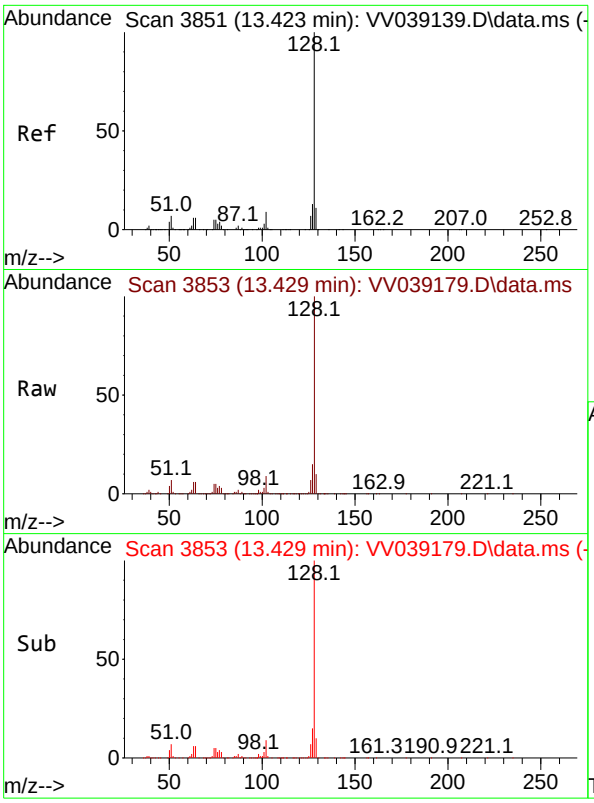


#89
n-Butylbenzene
Concen: 0.858 ug/l m
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 91 Resp: 22134

Ion	Ratio	Lower	Upper
91	100		
92	44.1	26.6	79.8
134	135.1	12.1	36.3#

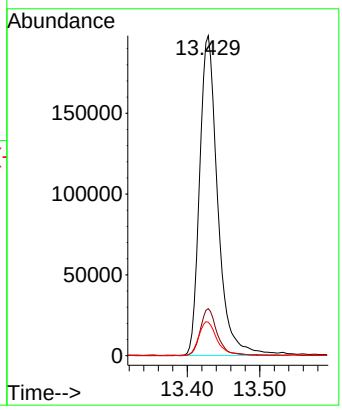




#95
Naphthalene
Concen: 12.801 ug/l
RT: 13.429 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:128 Resp: 34333

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.9	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MW2DL2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 04:48:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	627637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1091934	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1002921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	492612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	423649	46.638	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	93.280%		
35) Dibromofluoromethane	4.503	113	340181	38.753	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	77.500%#		
50) Toluene-d8	7.236	98	1230675	47.734	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	95.460%		
62) 4-Bromofluorobenzene	10.001	95	513340	48.366	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	96.740%		
Target Compounds						Qvalue
17) Carbon Disulfide	2.262	76	16408	0.567	ug/l #	91
31) Cyclohexane	4.583	56	2558050	157.888	ug/l	98
39) Methylcyclohexane	6.046	83	3663235	228.559	ug/l	99
40) Benzene	4.992	78	32865540m	760.461	ug/l	
52) Toluene	7.307	92	1785393	71.251	ug/l	98
67) Ethyl Benzene	8.924	91	20451028m	483.626	ug/l	
68) m/p-Xylenes	9.056	106	21385207m	1310.281	ug/l	
69) o-Xylene	9.468	106	3284665	227.292	ug/l	99
73) Isopropylbenzene	9.857	105	3830198	107.200	ug/l	100
78) n-propylbenzene	10.278	91	10733473	246.691	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	11542912	388.679	ug/l	99
84) 1,2,4-Trimethylbenzene	10.831	105	19453064m	674.708	ug/l	
85) sec-Butylbenzene	11.014	105	722406	18.392	ug/l	98
86) p-Isopropyltoluene	11.168	119	463357	14.174	ug/l	97
89) n-Butylbenzene	11.574	91	1495426m	47.897	ug/l	
95) Naphthalene	13.422	128	9872434	303.997	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **VV039154.D**

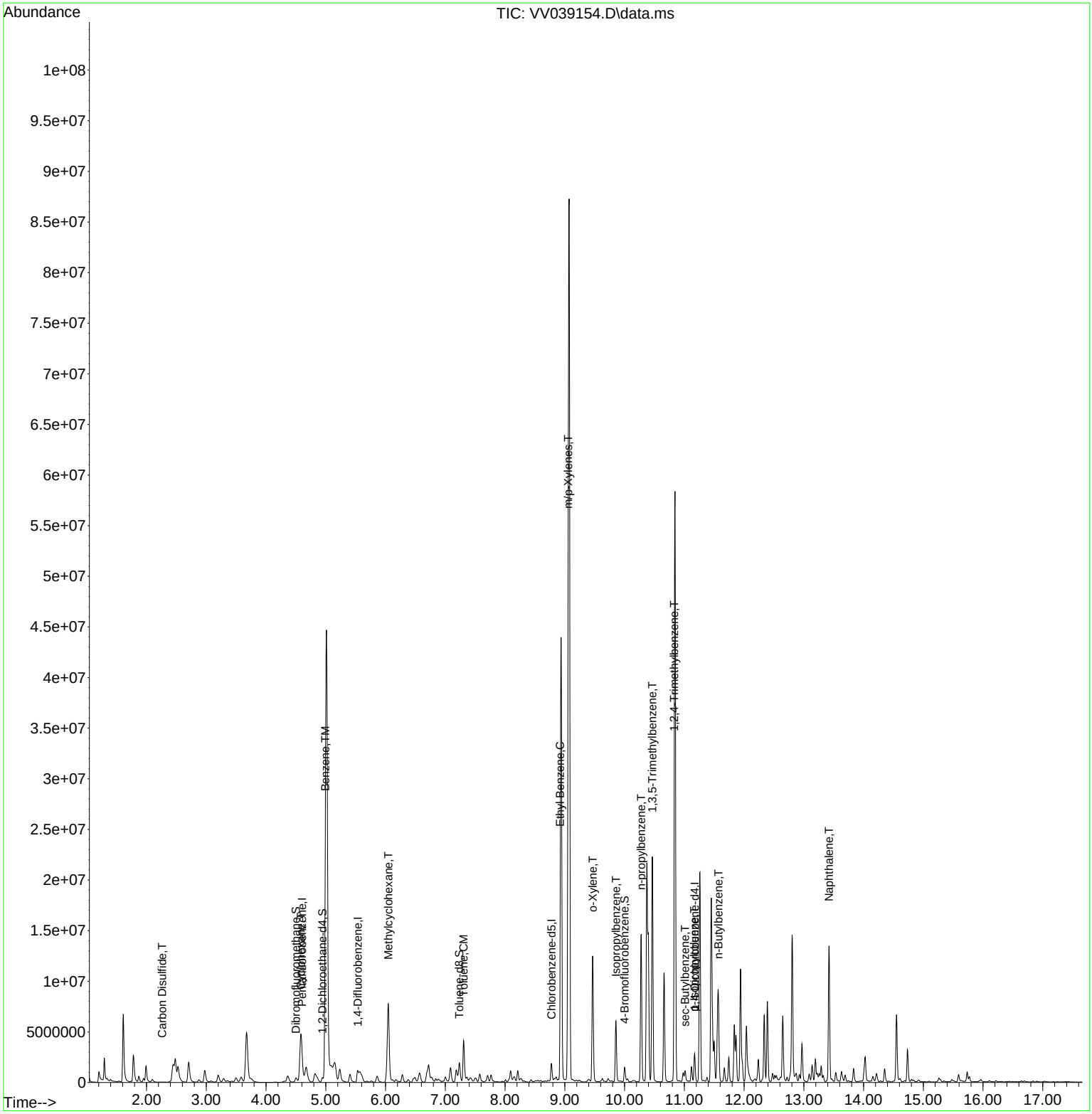
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

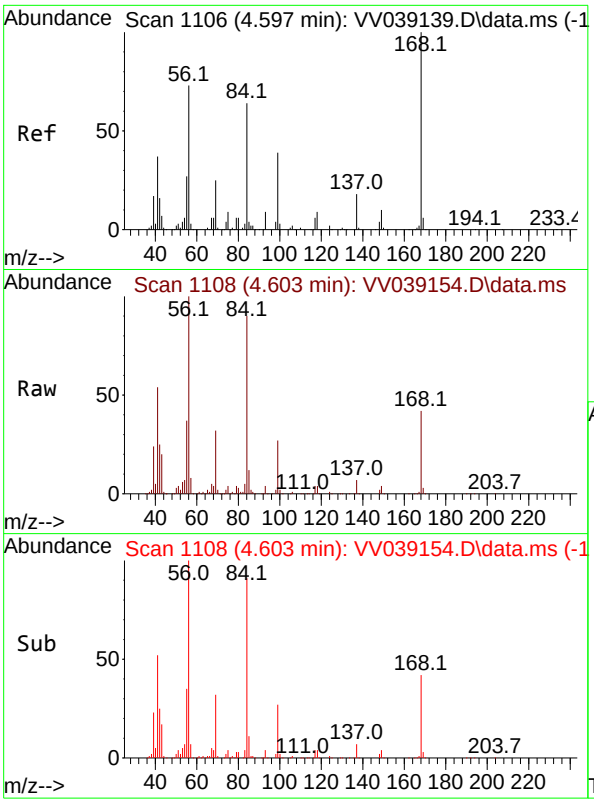
Quant Time: Sep 25 04:48:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

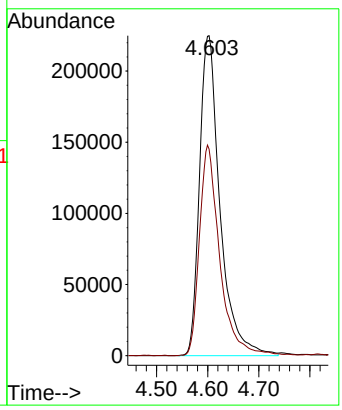




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:168 Resp: 62763

Ion	Ratio	Lower	Upper
168	100		
99	64.5	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
APPROVED

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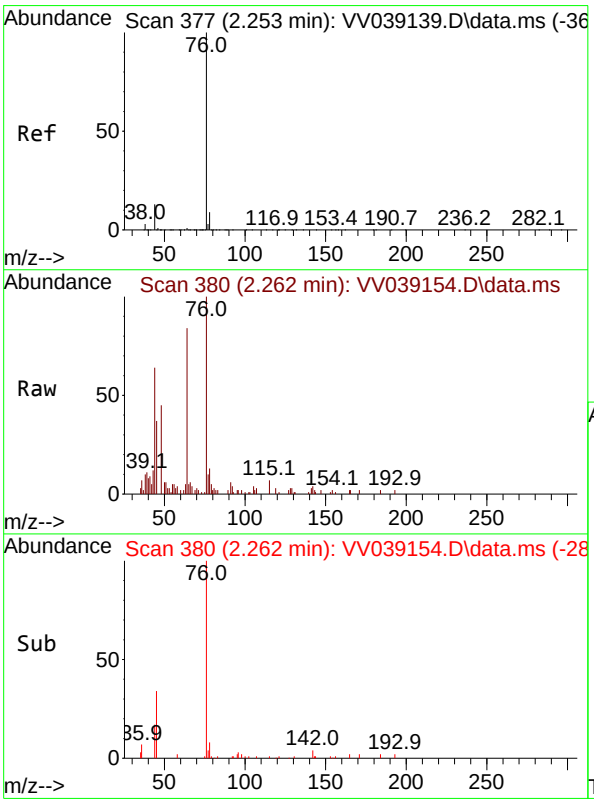
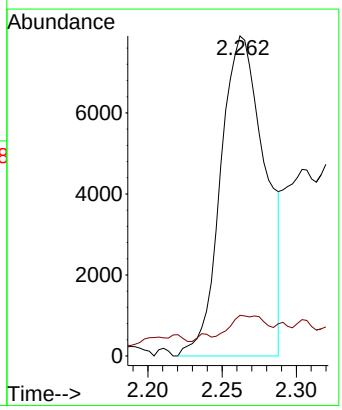
Supervised By :Semsettin Yesilyurt 09/26/2025

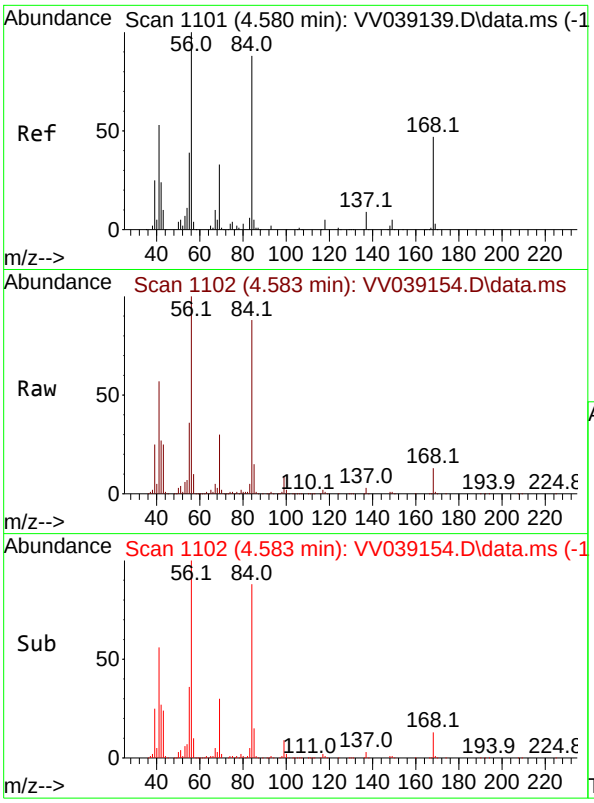


#17
Carbon Disulfide
Concen: 0.567 ug/l
RT: 2.262 min Scan# 380
Delta R.T. 0.009 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 76 Resp: 16408

Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.4	11.0#

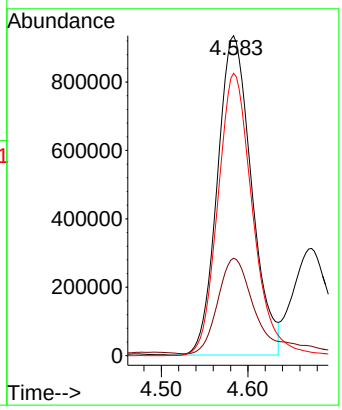




#31
Cyclohexane
Concen: 157.888 ug/l
RT: 4.583 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 56 Resp: 255805

Ion	Ratio	Lower	Upper
56	100		
69	29.8	26.2	39.2
84	88.4	70.3	105.5



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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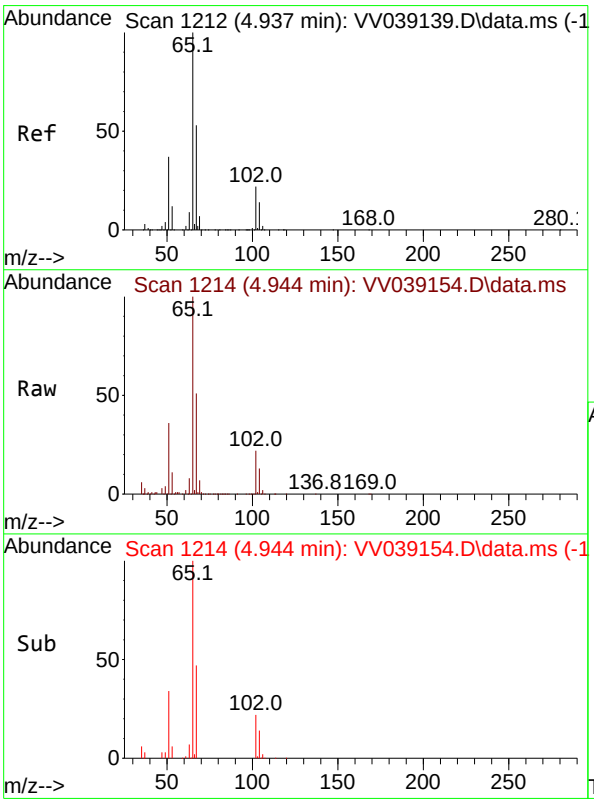
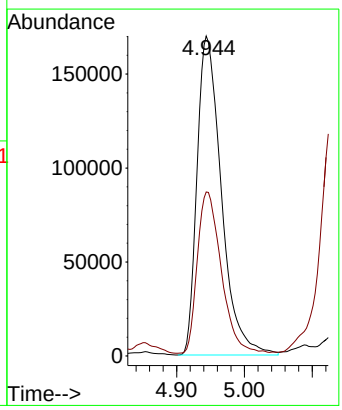
Supervised By :Semsettin Yesilyurt 09/26/2025

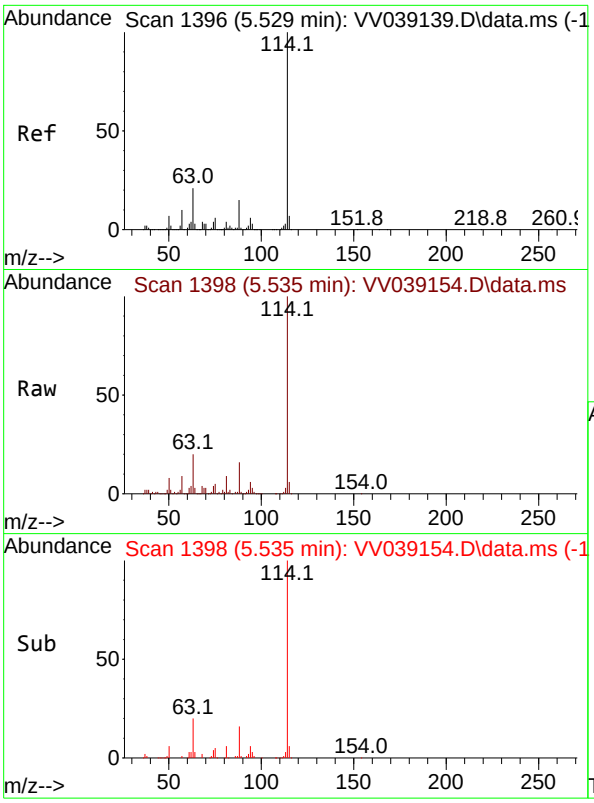


#33
1,2-Dichloroethane-d4
Concen: 46.638 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 65 Resp: 423649

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	107.0

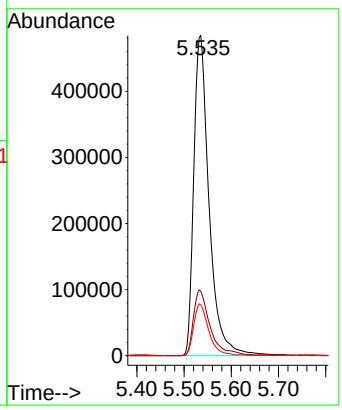




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:114 Resp: 109193

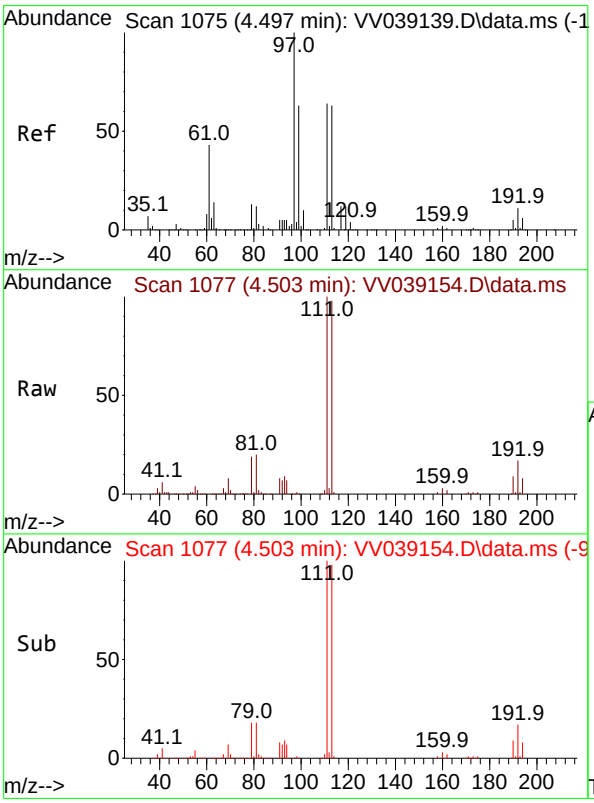
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	16.0	0.0	30.8



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
APPROVED

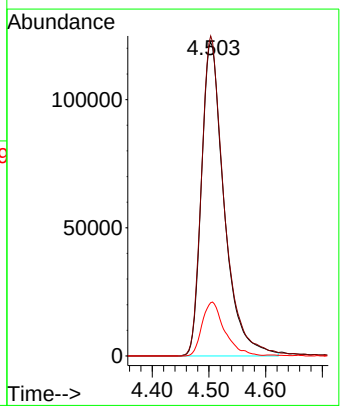
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

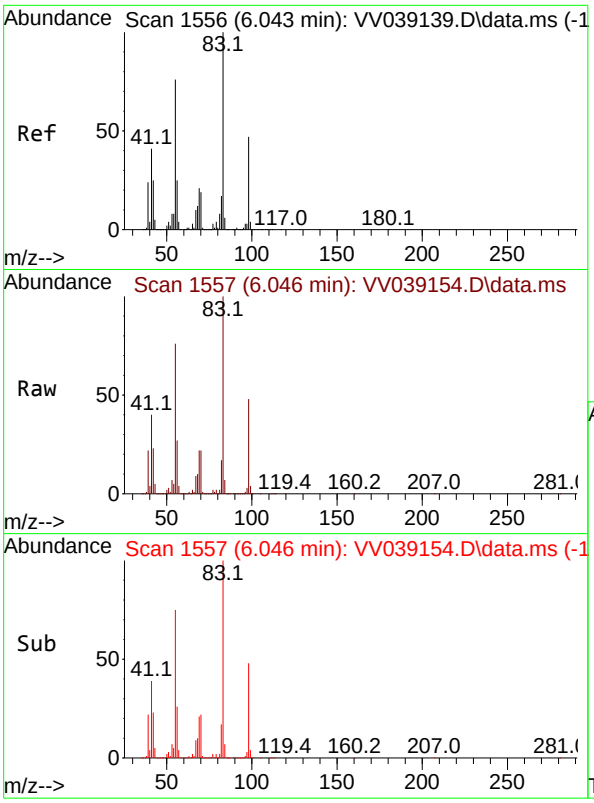


#35
Dibromofluoromethane
Concen: 38.753 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:113 Resp: 340181

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	17.1	13.8	20.8

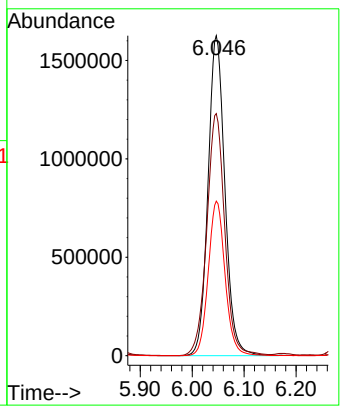




#39
Methylcyclohexane
Concen: 228.559 ug/l
RT: 6.046 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 83 Resp: 366323

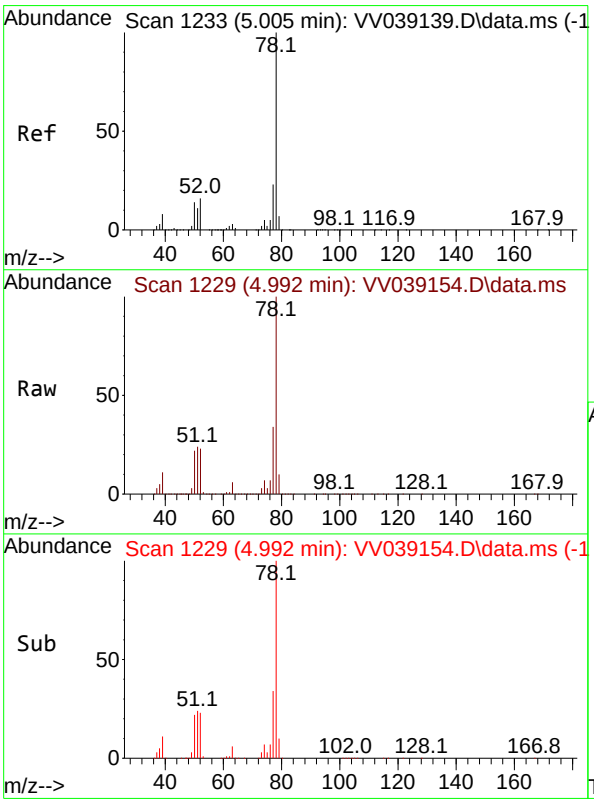
Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.5	90.7
98	48.3	37.8	56.6



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
APPROVED

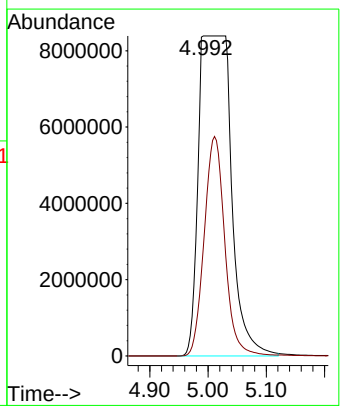
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

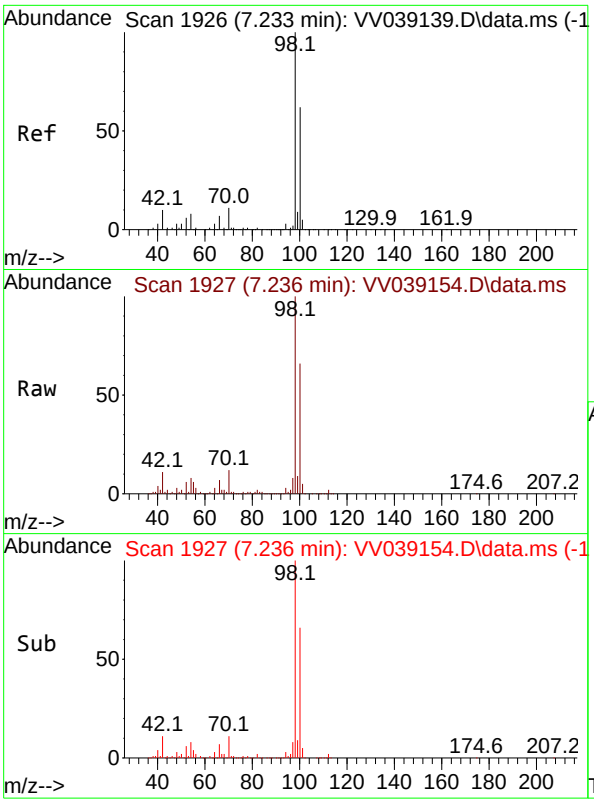


#40
Benzene
Concen: 760.461 ug/l m
RT: 4.992 min Scan# 1229
Delta R.T. -0.013 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 78 Resp:32865540

Ion	Ratio	Lower	Upper
78	100		
77	33.9	18.7	28.1#

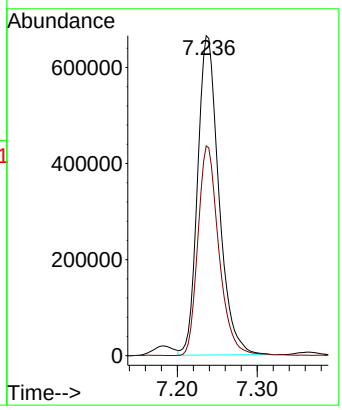




#50
Toluene-d8
Concen: 47.734 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 98 Resp: 123067

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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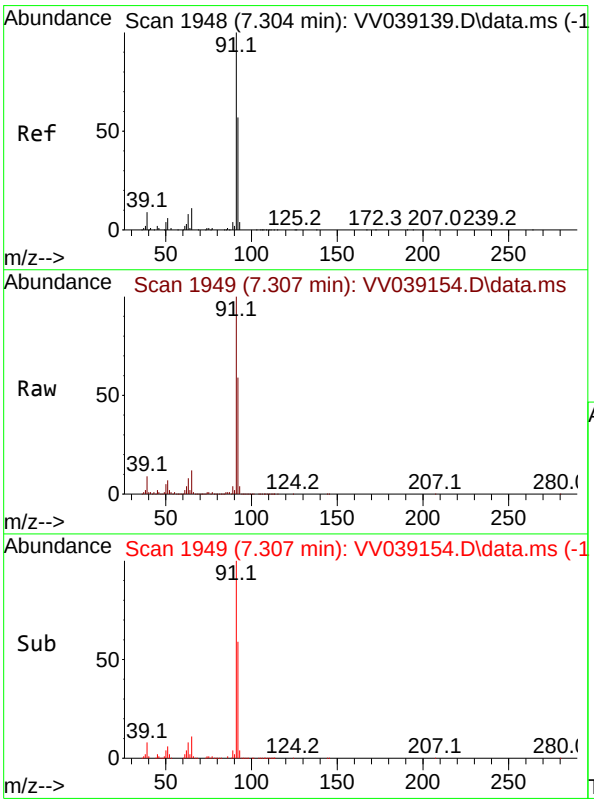
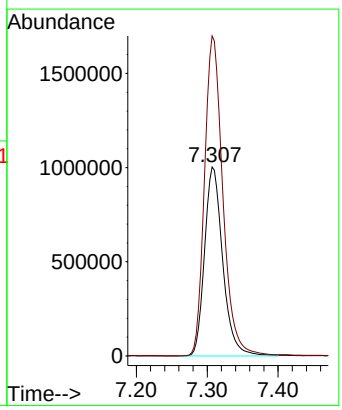
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

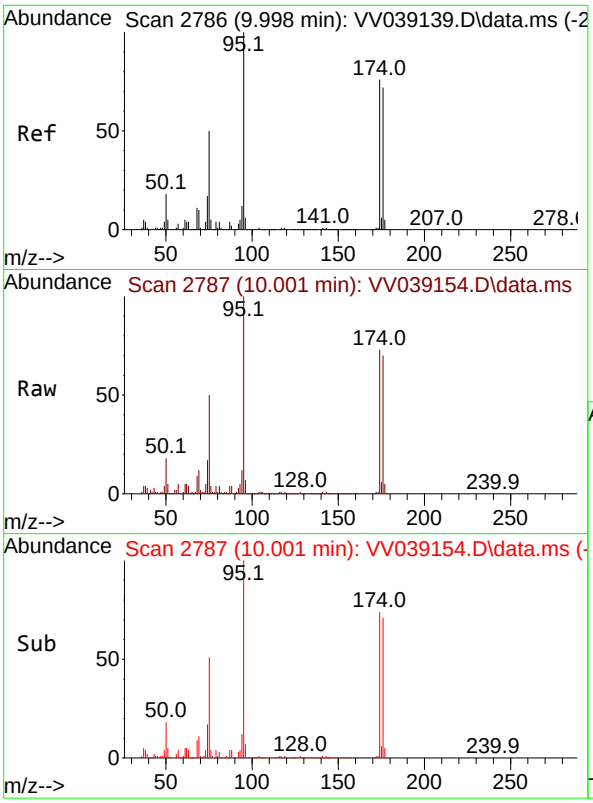


#52
Toluene
Concen: 71.251 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 92 Resp: 1785393

Ion	Ratio	Lower	Upper
92	100		
91	171.3	139.2	208.8

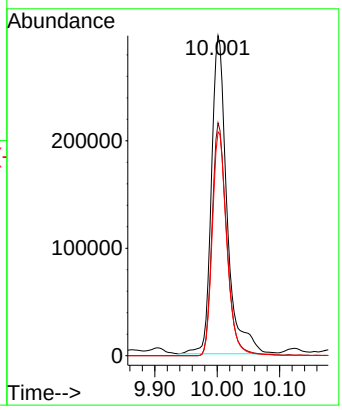




#62
4-Bromofluorobenzene
Concen: 48.366 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 95 Resp: 51334

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	150.4
176	65.8	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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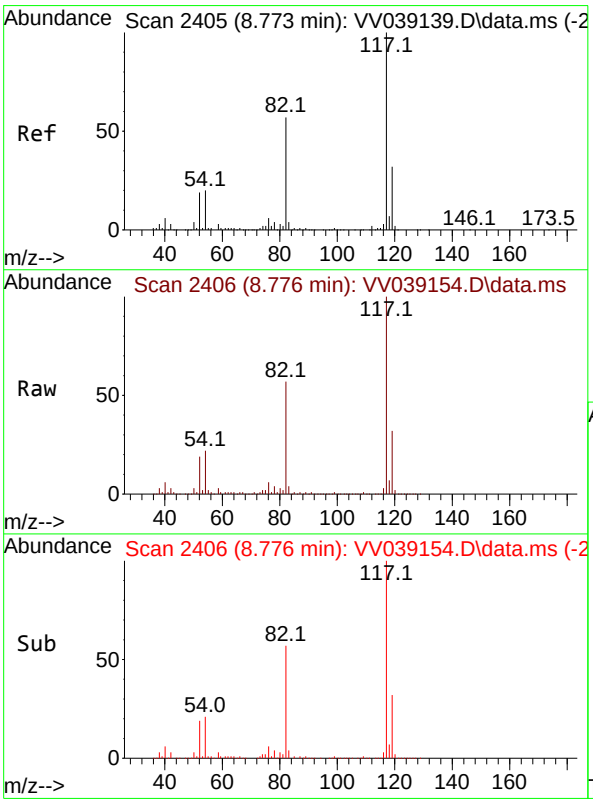
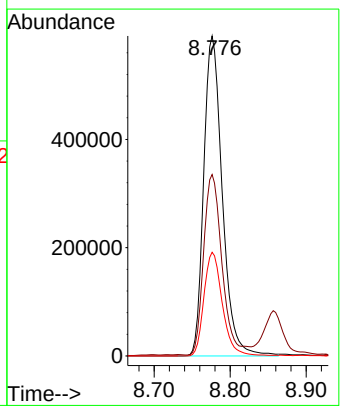
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

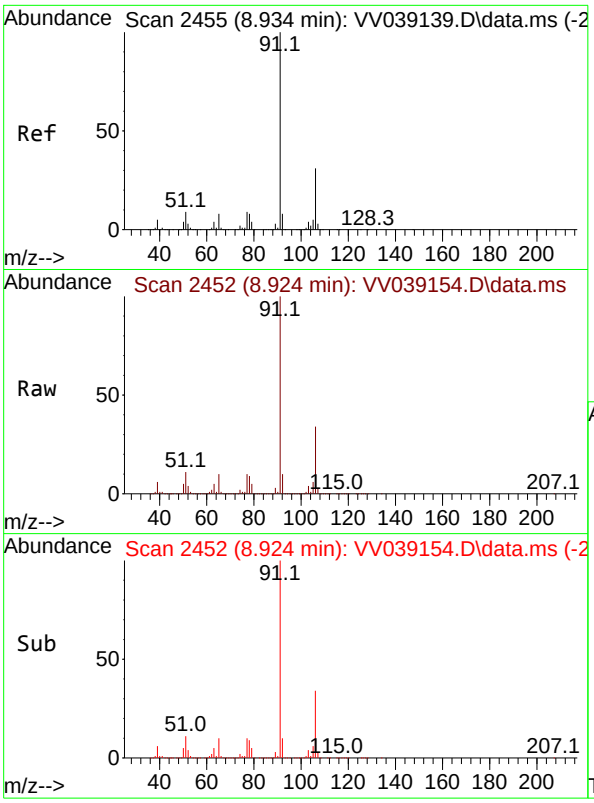


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:117 Resp: 1002921

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.2
119	32.4	25.6	38.4

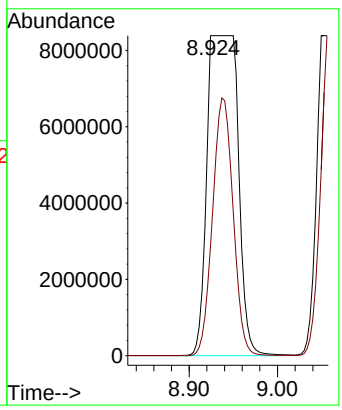




#67
Ethyl Benzene
Concen: 483.626 ug/l m
RT: 8.924 min Scan# 24
Delta R.T. -0.010 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 91 Resp:2045102

Ion	Ratio	Lower	Upper
91	100		
106	34.2	24.6	37.0



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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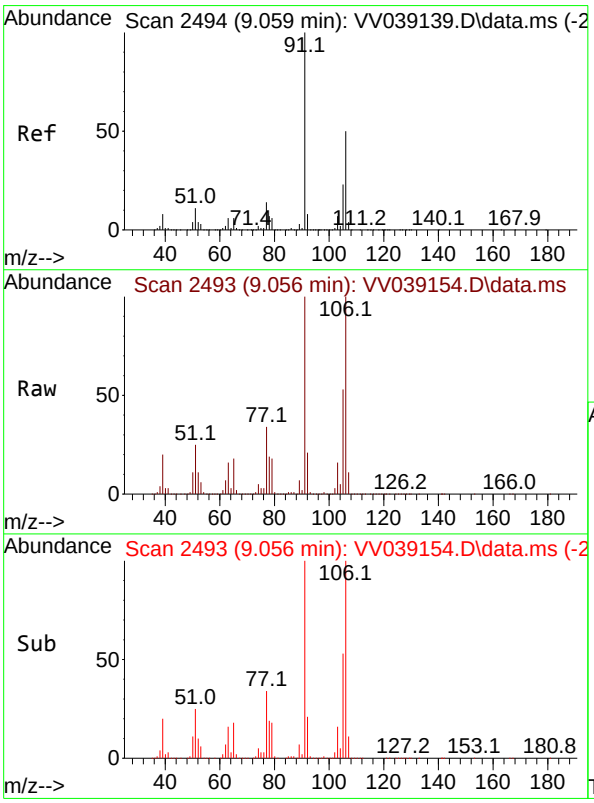
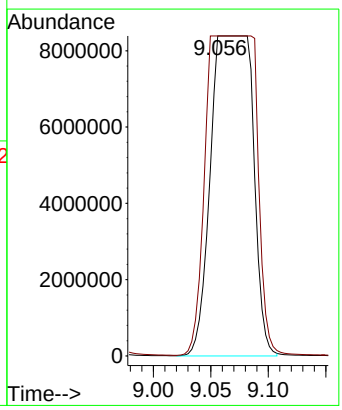
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

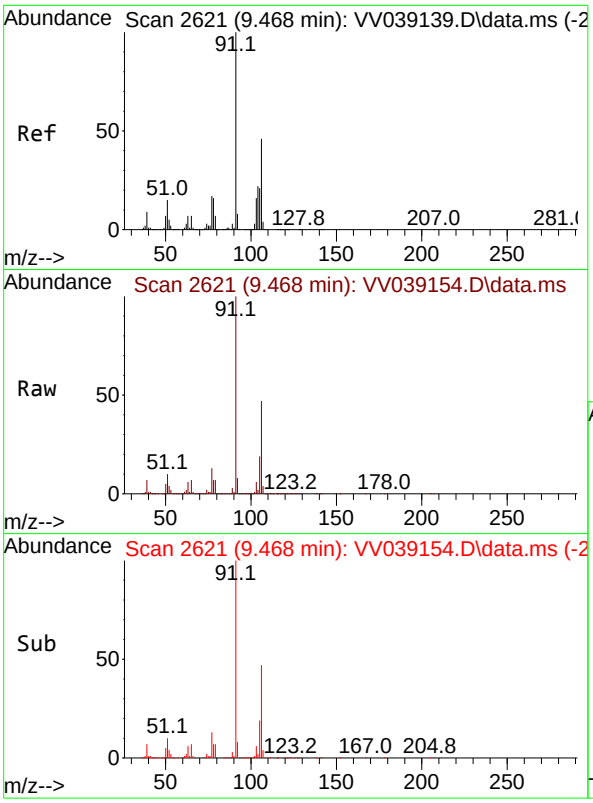


#68
m/p-Xylenes
Concen: 1310.281 ug/l m
RT: 9.056 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:106 Resp:21385207

Ion	Ratio	Lower	Upper
106	100		
91	0.0	162.5	243.7#





#69
o-Xylene
Concen: 227.292 ug/l
RT: 9.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:106 Resp: 328466

Ion	Ratio	Lower	Upper
106	100		
91	216.1	109.1	327.3

Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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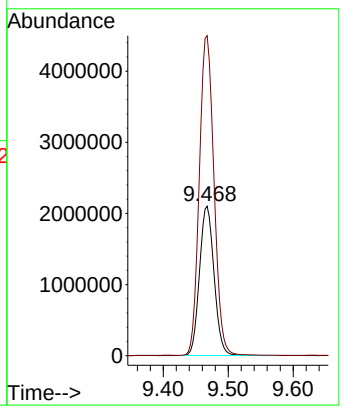
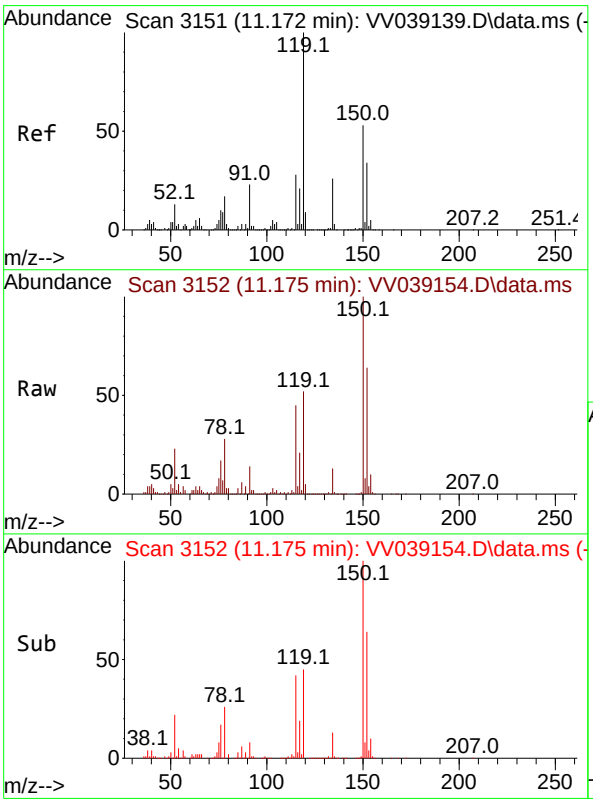
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

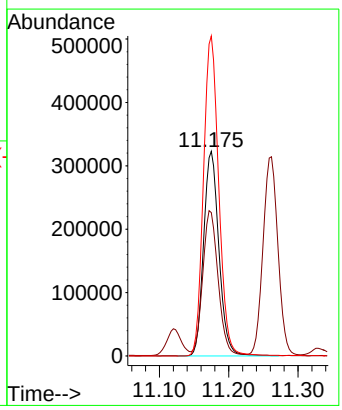


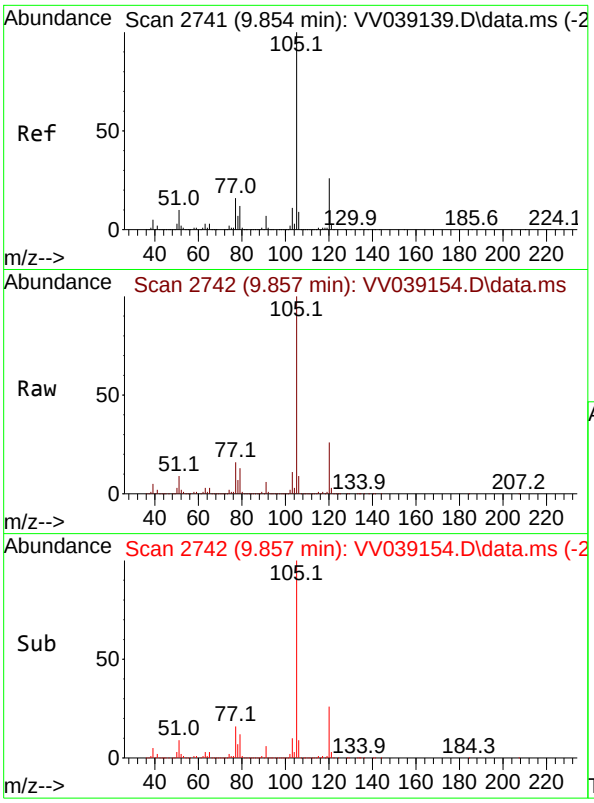


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:152 Resp: 492612

Ion	Ratio	Lower	Upper
152	100		
115	70.6	44.8	134.4
150	156.9	0.0	353.8

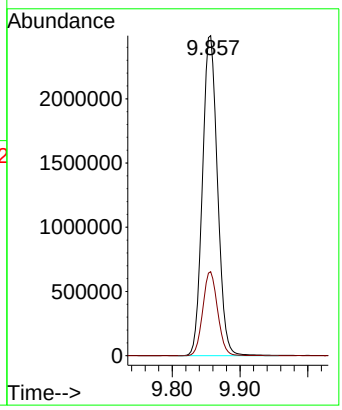




#73
Isopropylbenzene
Concen: 107.200 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:105 Resp: 383019

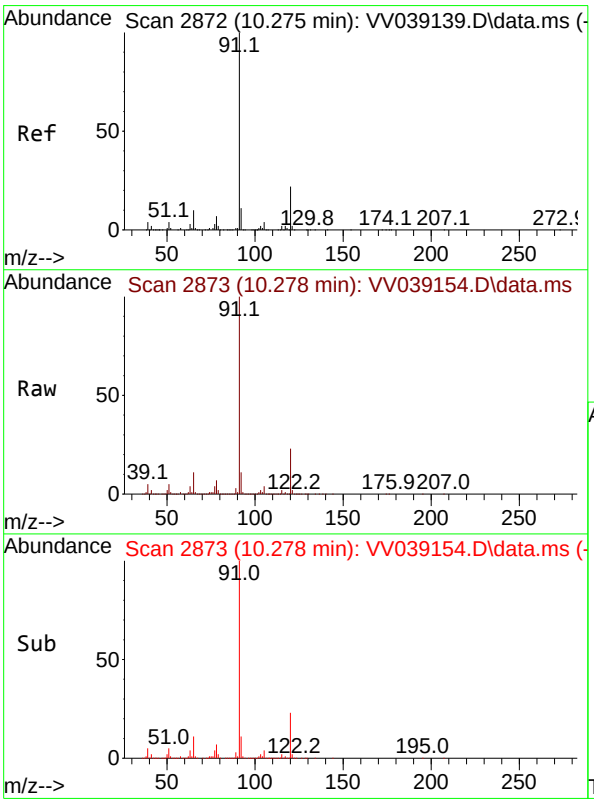
Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
APPROVED

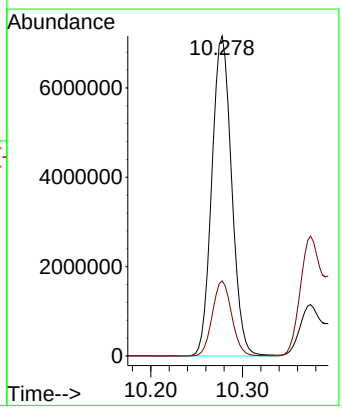
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

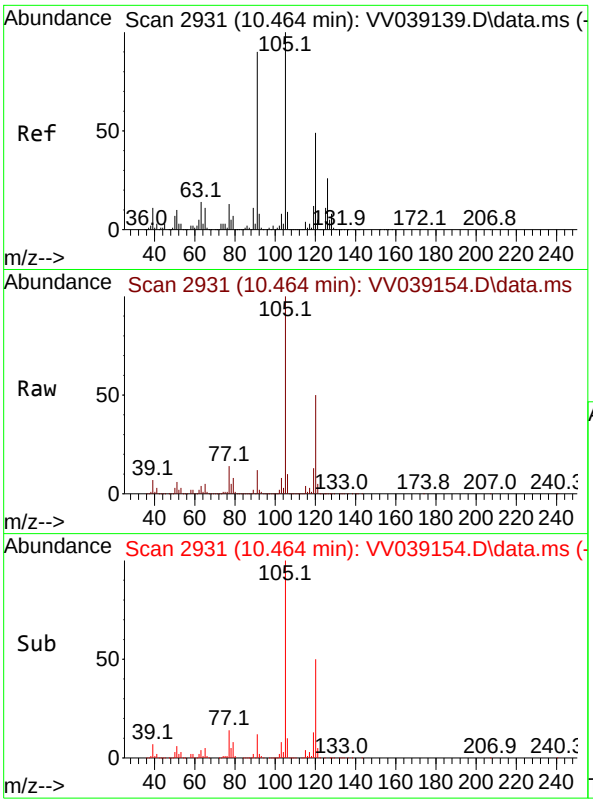


#78
n-propylbenzene
Concen: 246.691 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 91 Resp:10733473

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.3

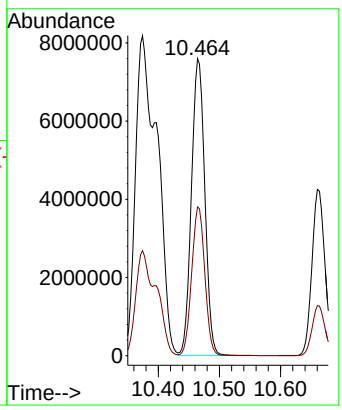




#80
1,3,5-Trimethylbenzene
Concen: 388.679 ug/l
RT: 10.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:105 Resp:1154291

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.3	72.8



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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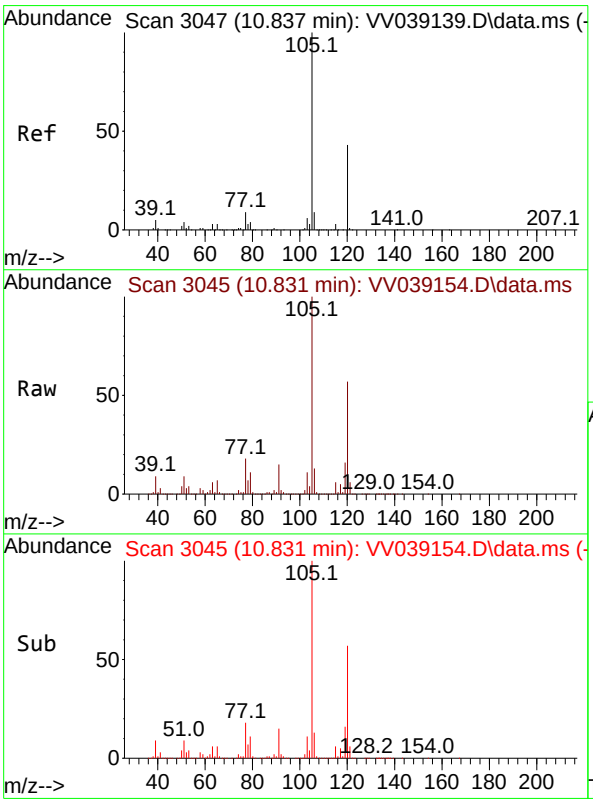
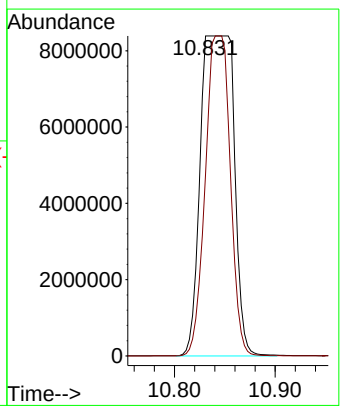
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

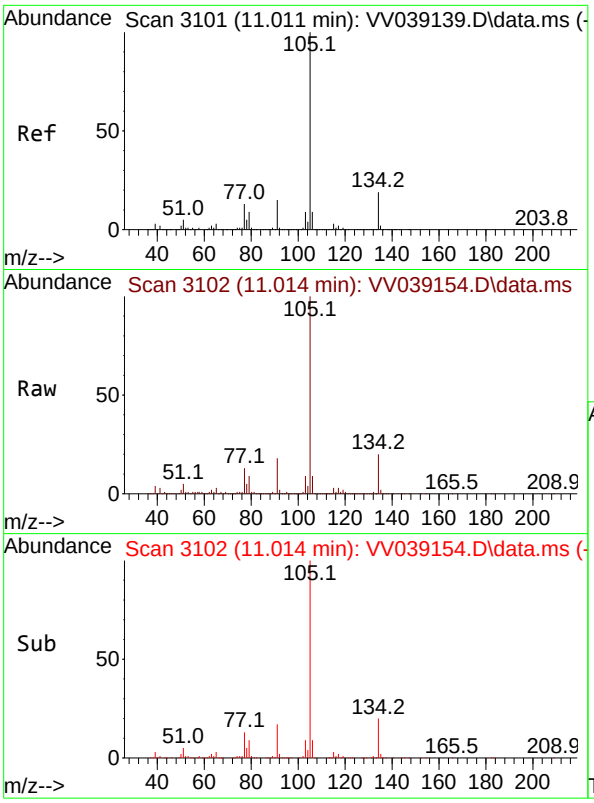


#84
1,2,4-Trimethylbenzene
Concen: 674.708 ug/l m
RT: 10.831 min Scan# 3045
Delta R.T. -0.007 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:105 Resp:19453064

Ion	Ratio	Lower	Upper
105	100		
120	9.7	22.4	67.2#

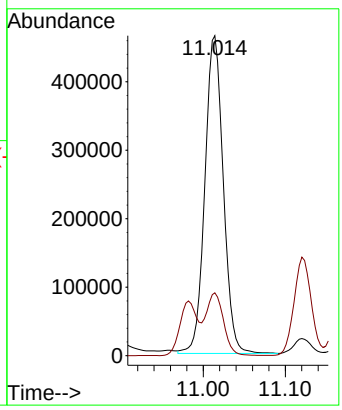




#85
sec-Butylbenzene
Concen: 18.392 ug/l
RT: 11.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:105 Resp: 72240

Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.6	28.8



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
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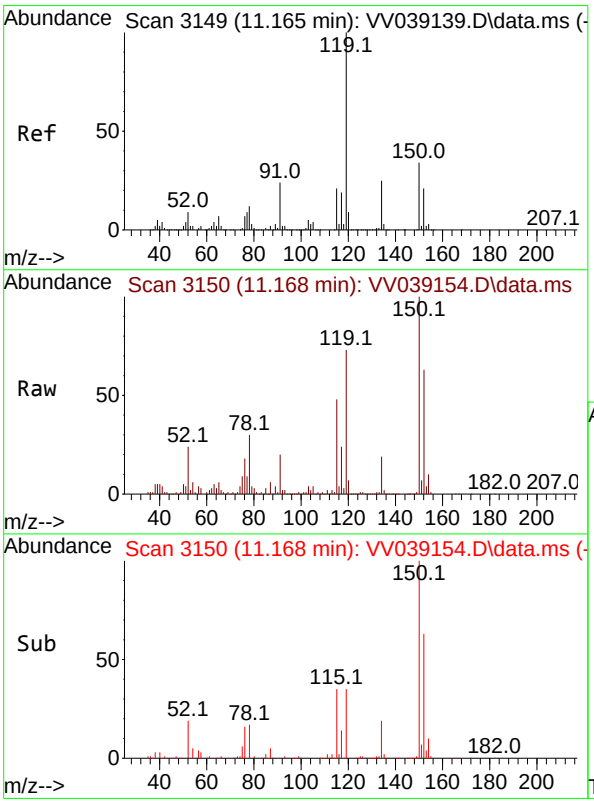
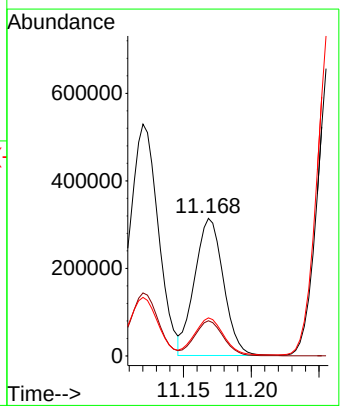
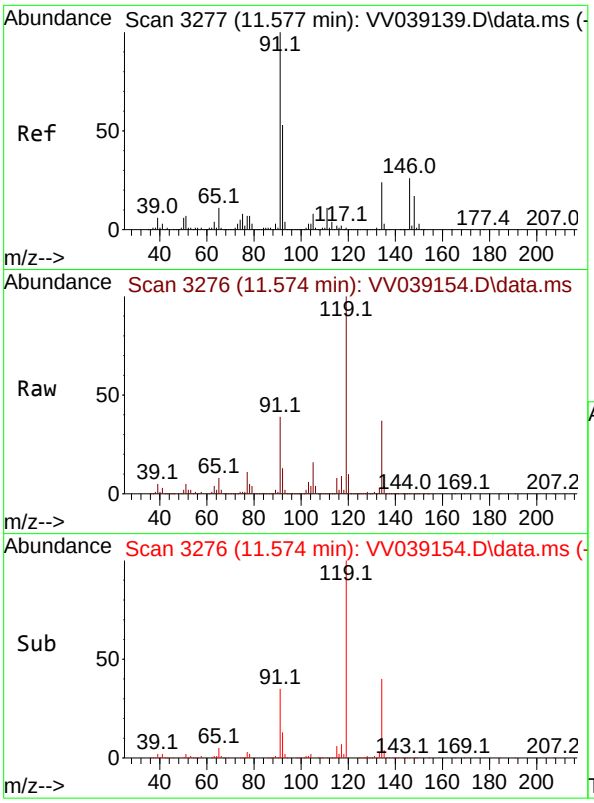


#86
p-Isopropyltoluene
Concen: 14.174 ug/l
RT: 11.168 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:119 Resp: 463357

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	26.9	12.0	36.1

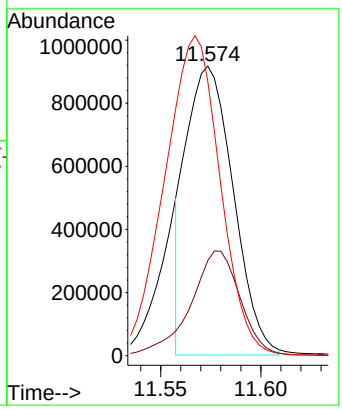




#89
n-Butylbenzene
Concen: 47.897 ug/l m
RT: 11.574 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion: 91 Resp: 149542

Ion	Ratio	Lower	Upper
91	100		
92	38.2	26.6	79.8
134	130.1	12.1	36.3#



Instrument :
MSVOA_V
ClientSampleId :
MW4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
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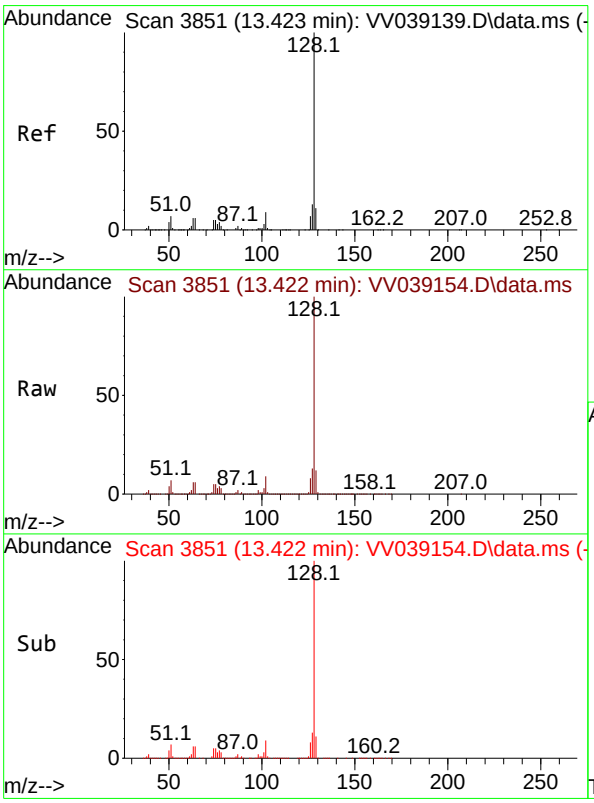
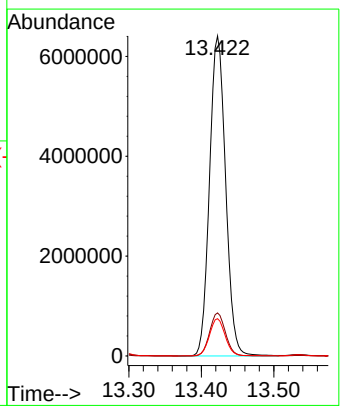


#95
Naphthalene
Concen: 303.997 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.001 min
Lab File: VV039154.D
Acq: 24 Sep 2025 15:53

Tgt Ion:128 Resp: 9872434

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.5	8.6	13.0



Sample Results: **VV039154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.204	42	51	70	rBV2	1017587	2416686	1.46%	0.251%
2	1.294	72	79	89	rVV	2140183	2654546	1.60%	0.275%
3	1.609	167	177	212	rBV	6652502	10835140	6.52%	1.124%
4	1.780	221	230	251	rBV3	2579472	4697637	2.83%	0.487%
5	1.992	288	296	318	rVB	1557653	2663073	1.60%	0.276%
6	2.449	412	438	442	rBV3	1761921	4128700	2.49%	0.428%
7	2.706	504	518	555	rVB2	1950193	4614467	2.78%	0.479%
8	2.976	589	602	625	rBV	1141967	2571913	1.55%	0.267%
9	3.674	803	819	888	rVB	4921140	14966090	9.01%	1.553%
10	4.583	1086	1102	1119	rVV3	4725931	13839376	8.33%	1.436%
11	4.670	1121	1129	1160	rVB	1474380	4321156	2.60%	0.448%
12	4.821	1161	1176	1204	rBV4	825206	3007219	1.81%	0.312%
13	5.011	1218	1235	1255	rBV2	44295281	112420596	67.69%	11.663%
14	5.233	1294	1304	1344	rVB	1276597	3563982	2.15%	0.370%
15	5.407	1345	1358	1387	rBV2	775863	1803166	1.09%	0.187%
16	5.535	1387	1398	1403	rBV	1156407	2214586	1.33%	0.230%
17	6.046	1534	1557	1575	rBV2	7739371	18672361	11.24%	1.937%
18	6.571	1706	1720	1742	rVB3	902166	2416262	1.45%	0.251%
19	6.722	1743	1767	1777	rBV2	1705868	5240201	3.16%	0.544%
20	7.088	1869	1881	1898	rVB3	1396993	2884091	1.74%	0.299%
21	7.185	1898	1911	1918	rBV2	1186525	2410369	1.45%	0.250%
22	7.236	1919	1927	1939	rVB	1754302	3334176	2.01%	0.346%
23	7.307	1939	1949	1961	rBV	3931275	6736526	4.06%	0.699%
24	8.095	2176	2194	2203	rBV2	1078253	2298444	1.38%	0.238%
25	8.776	2397	2406	2416	rBV	1711551	2707532	1.63%	0.281%
26	8.937	2444	2456	2479	rVB2	43703650	72858250	43.87%	7.559%
27	9.072	2481	2498	2512	rVV3	86999967	166081247	100.00%	17.231%
28	9.468	2610	2621	2646	rVB	12428326	19625417	11.82%	2.036%
29	9.857	2730	2742	2759	rBV	5994216	9396139	5.66%	0.975%
30	10.001	2778	2787	2797	rBV	1386700	2247513	1.35%	0.233%
31	10.278	2861	2873	2891	rBV	14549636	21724884	13.08%	2.254%
32	10.374	2891	2903	2908	rBV	21538720	35407876	21.32%	3.673%
33	10.464	2921	2931	2964	rVB	22234958	33446589	20.14%	3.470%
34	10.660	2981	2992	3018	rBV	10749077	16010670	9.64%	1.661%
35	10.844	3036	3049	3066	rVB2	58234275	90419172	54.44%	9.381%
36	11.120	3126	3135	3143	rBV	1426738	2059606	1.24%	0.214%

Sample Results: **VV039154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

37	11.172	3143	3151	3166	rVB2	2733046	4148042	2.50%	0.430%
38	11.262	3167	3179	3194	rBV	20641315	31078759	18.71%	3.224%
39	11.451	3226	3238	3249	rBV	18174355	32743829	19.72%	3.397%
40	11.500	3250	3253	3261	rVV	3966928	4764714	2.87%	0.494%
41	11.567	3261	3274	3291	rVB3	9099548	18251840	10.99%	1.894%
42	11.670	3296	3306	3317	rVV	1351566	2118502	1.28%	0.220%
43	11.744	3319	3329	3346	rVB	2388890	3590737	2.16%	0.373%
44	11.837	3347	3358	3363	rBV	5643222	8518899	5.13%	0.884%
45	11.866	3363	3367	3378	rVV	4584244	6017807	3.62%	0.624%
46	11.940	3379	3390	3410	rVV	11137748	18945147	11.41%	1.966%
47	12.040	3410	3421	3453	rVB2	5476630	11192756	6.74%	1.161%
48	12.239	3472	3483	3495	rVB2	2159748	3517549	2.12%	0.365%
49	12.339	3495	3514	3522	rBV	6565019	9901260	5.96%	1.027%
50	12.390	3522	3530	3546	rVB	7914579	11627651	7.00%	1.206%
51	12.647	3601	3610	3626	rVB	6436224	9744643	5.87%	1.011%
52	12.805	3640	3659	3671	rBV2	14429742	23293637	14.03%	2.417%
53	12.969	3702	3710	3732	rVB4	3723837	6227533	3.75%	0.646%
54	13.139	3755	3763	3772	rVB	1441457	2084806	1.26%	0.216%
55	13.194	3772	3780	3787	rBV2	2042198	3085434	1.86%	0.320%
56	13.422	3834	3851	3862	rBV	13390847	20527847	12.36%	2.130%
57	13.631	3906	3916	3928	rVV4	973922	1830962	1.10%	0.190%
58	13.834	3969	3979	3994	rBV	1279698	2004078	1.21%	0.208%
59	14.027	4025	4039	4050	rBV3	2412208	4756085	2.86%	0.493%
60	14.352	4130	4140	4154	rBV2	1281902	2113589	1.27%	0.219%
61	14.551	4190	4202	4214	rBV	6554015	10277203	6.19%	1.066%
62	14.734	4250	4259	4273	rVB	3150156	4819790	2.90%	0.500%

Sum of corrected areas: 963878757

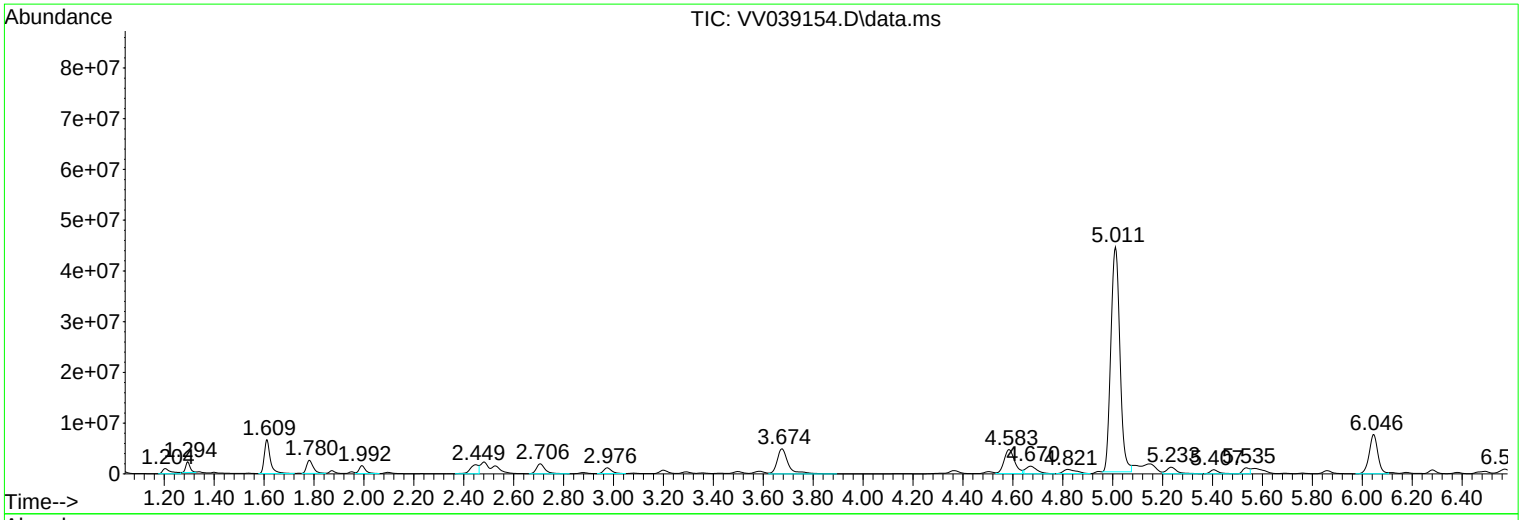
Sample Results: **VV039154.D**

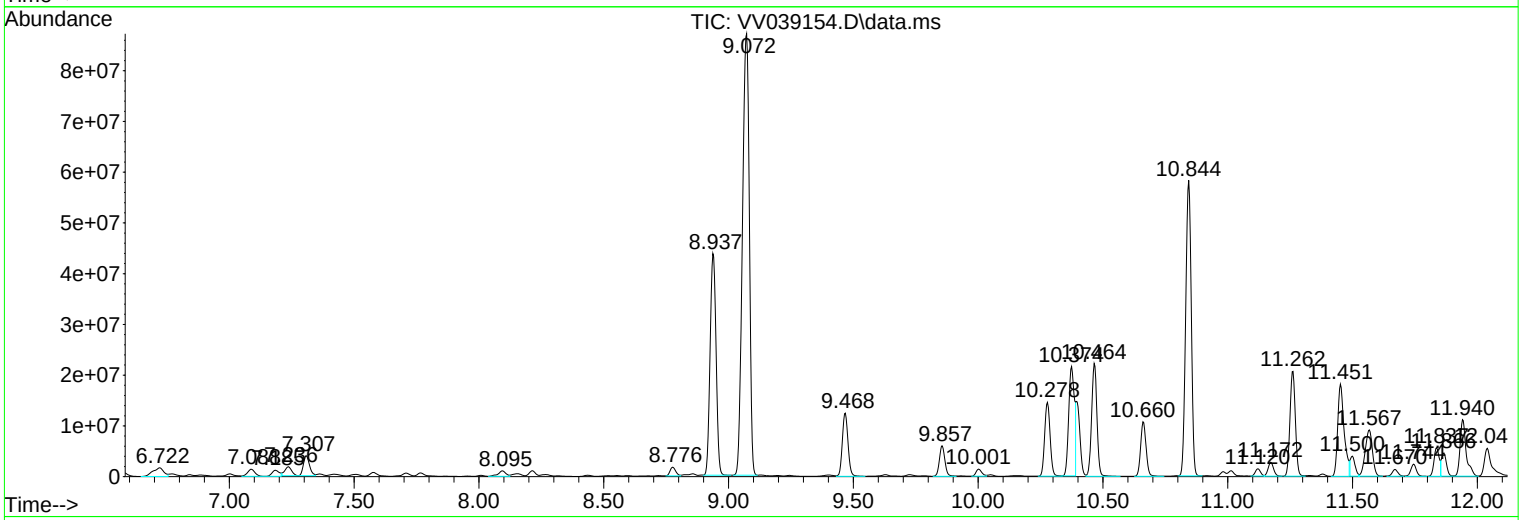
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

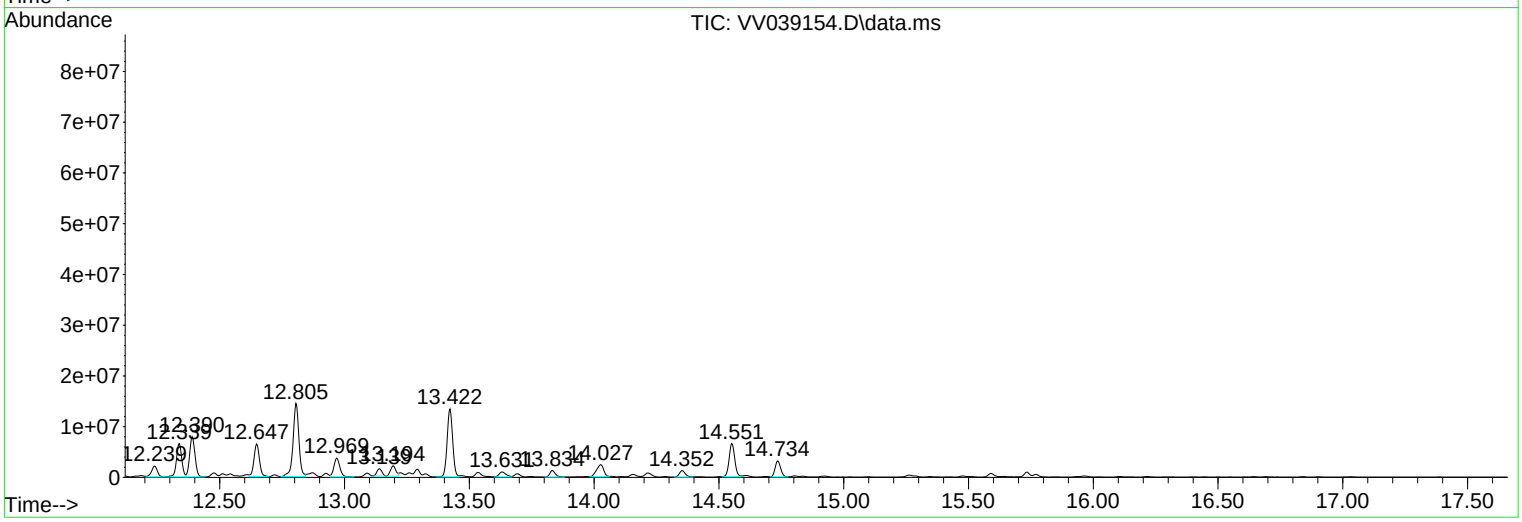
Instrument :
MSVOA_V
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Sample Results: **VV039154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

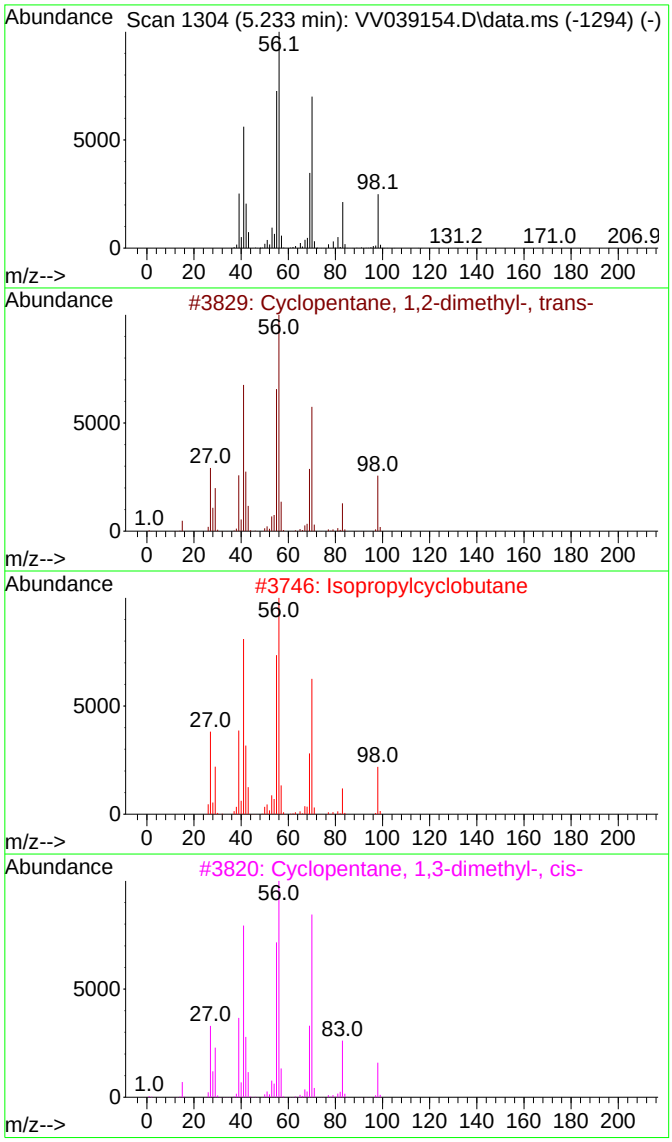
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

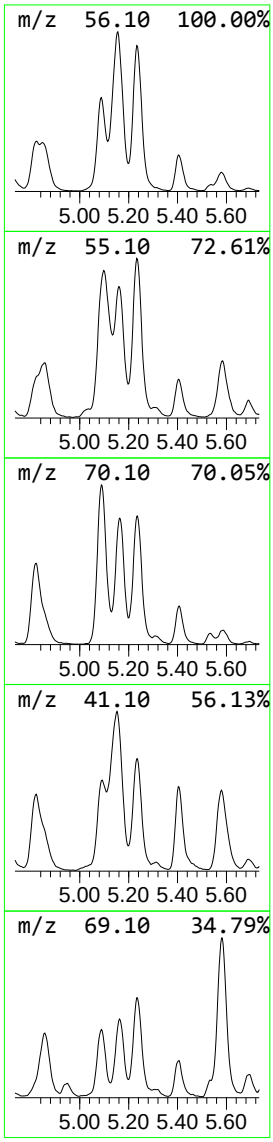
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, 1,2-dimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.233	80.47 ug/l	3563980	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
2	Isopropylcyclobutane	98	C7H14	000872-56-0	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
4	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	64
5	(Z)-2-Heptene	98	C7H14	006443-92-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

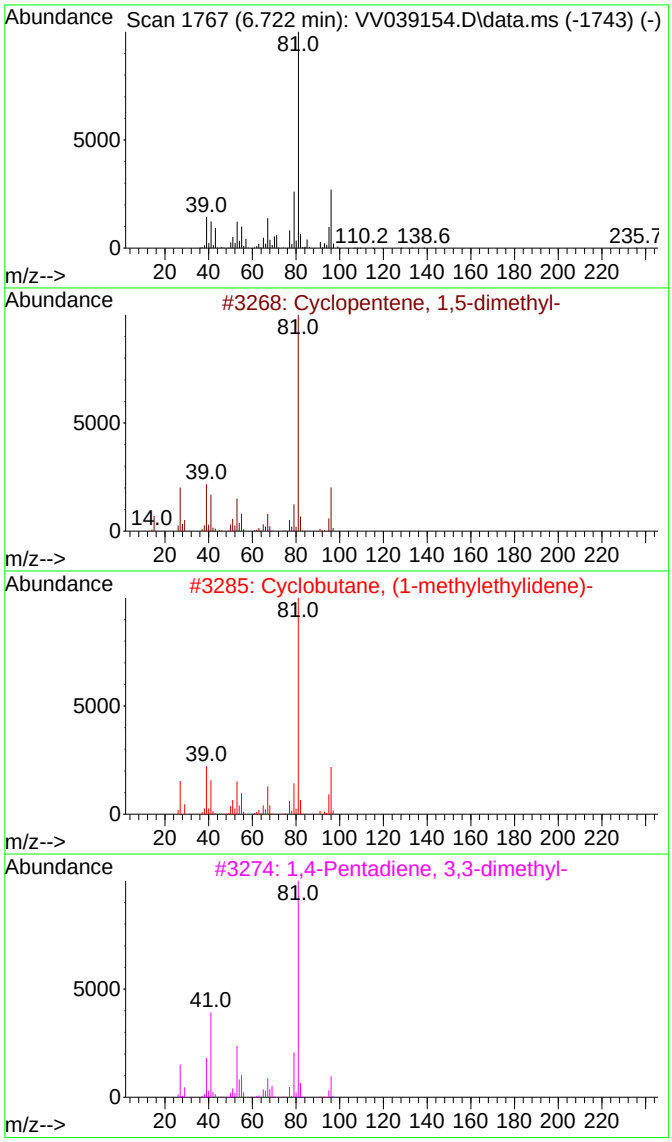
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

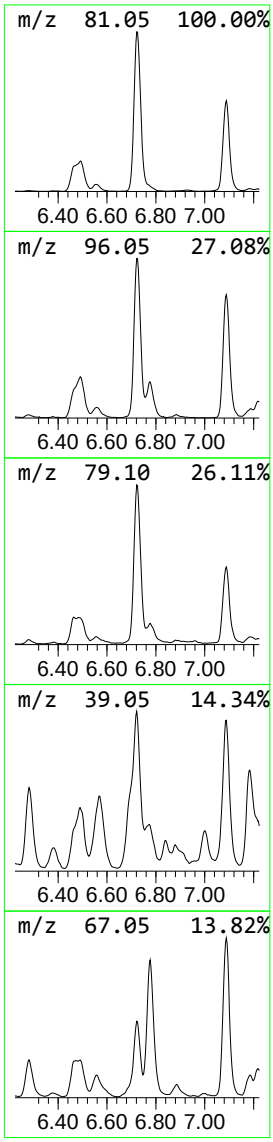
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	118.31 ug/l	5240200	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	64
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

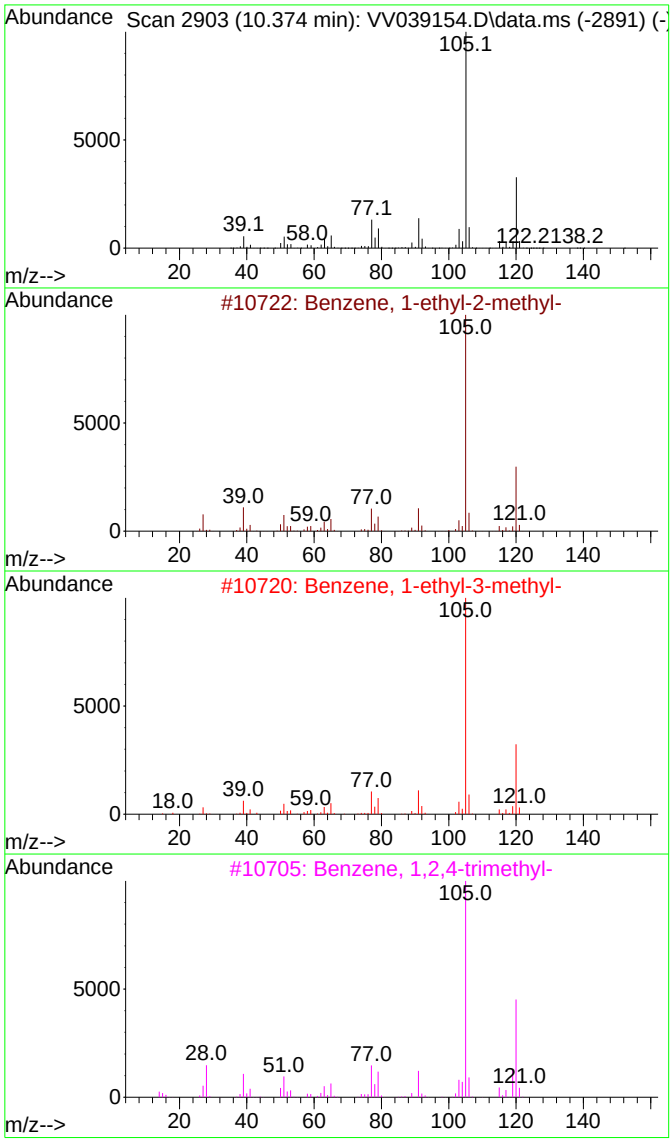
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

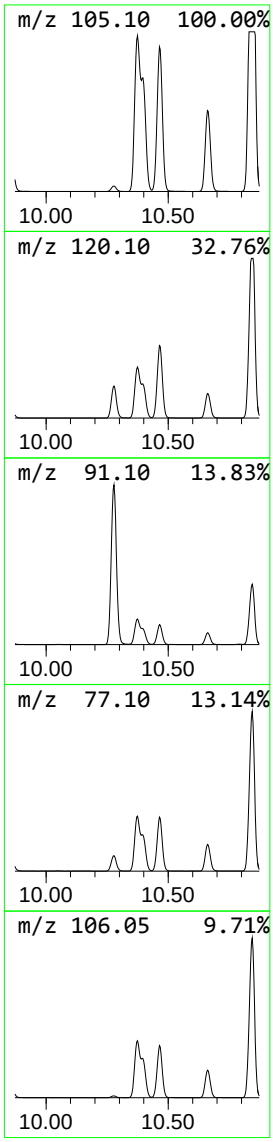
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	426.80 ug/l	35407900	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

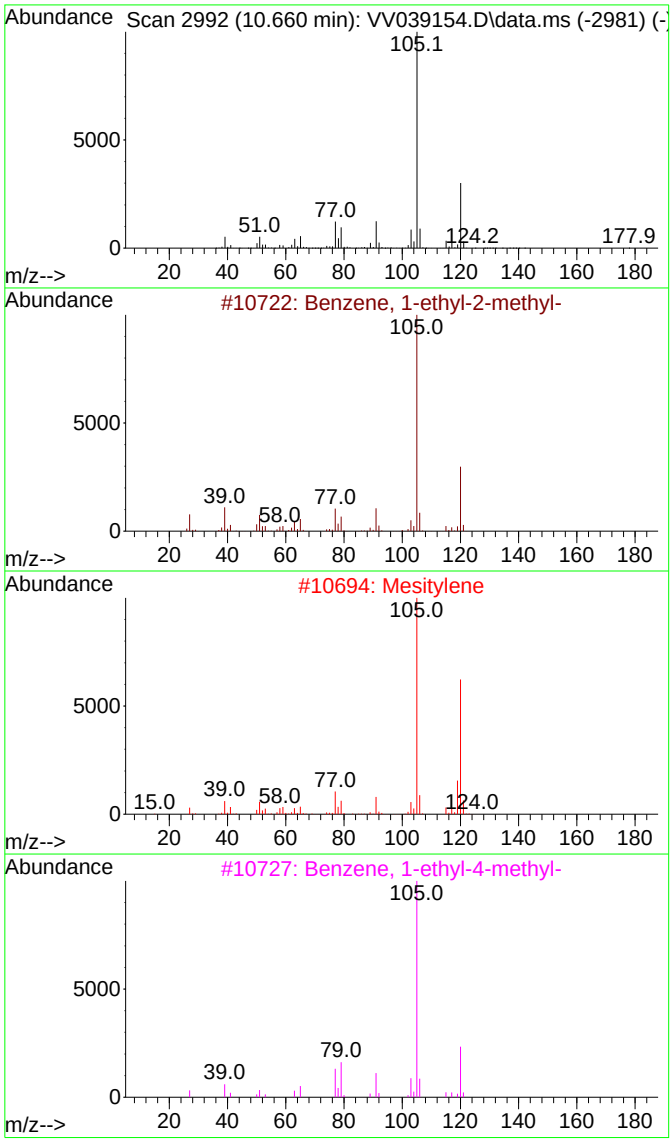
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

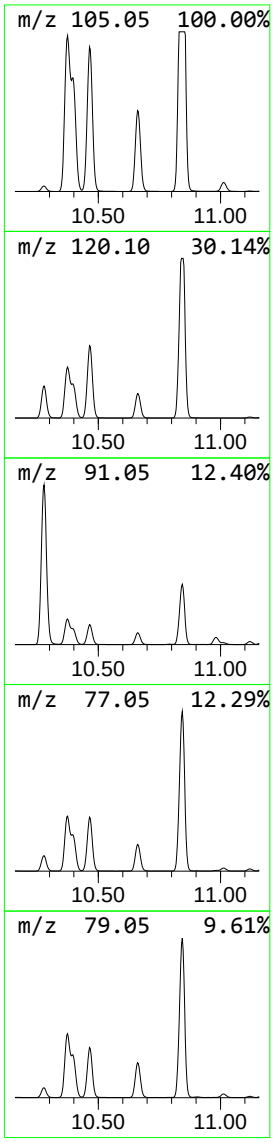
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	192.99 ug/l	16010700	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

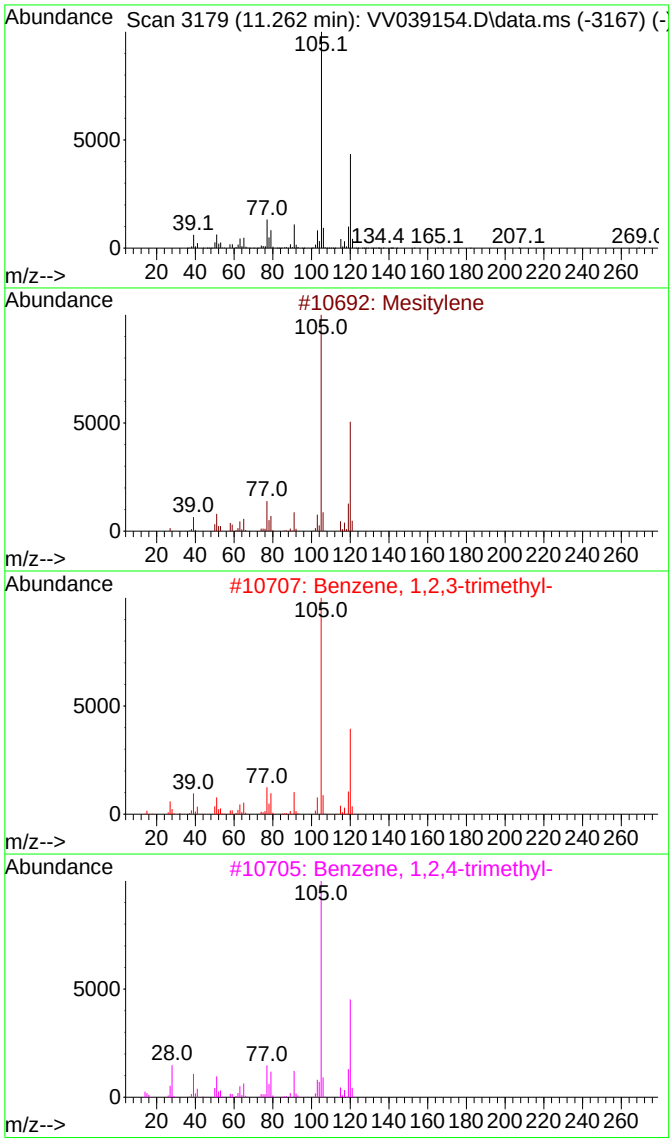
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

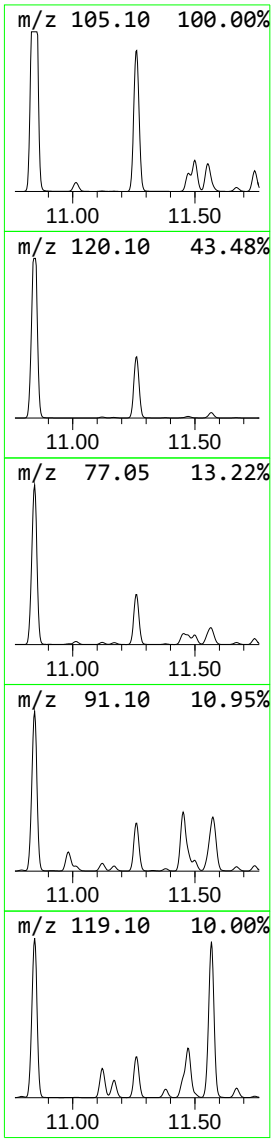
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.262	374.62 ug/l	31078800	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

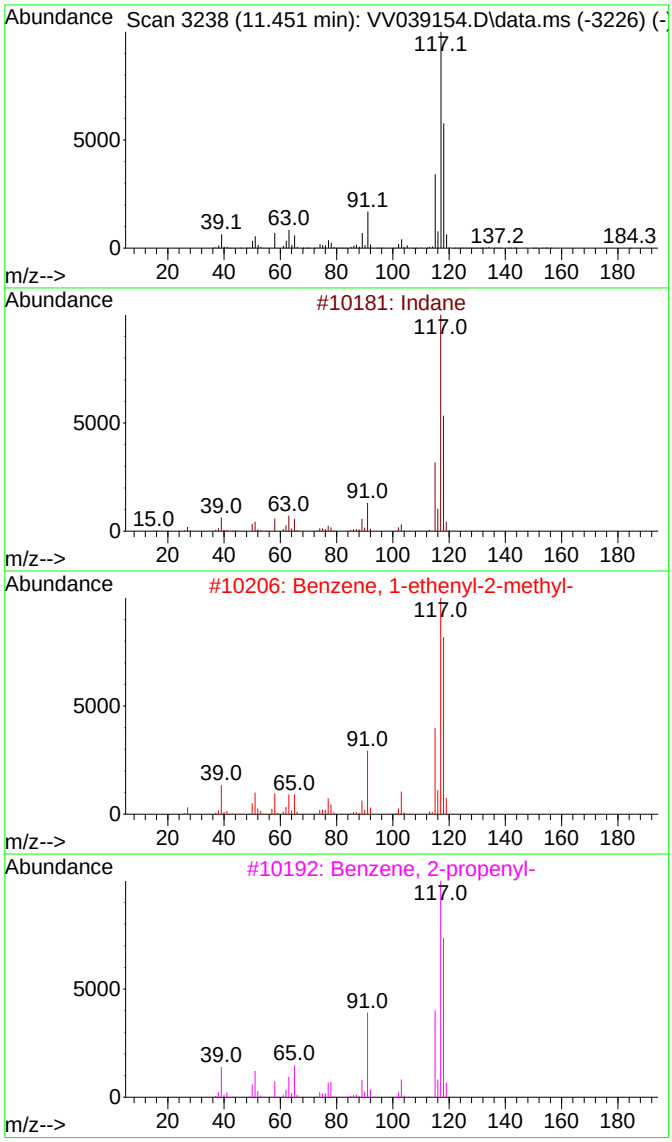
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

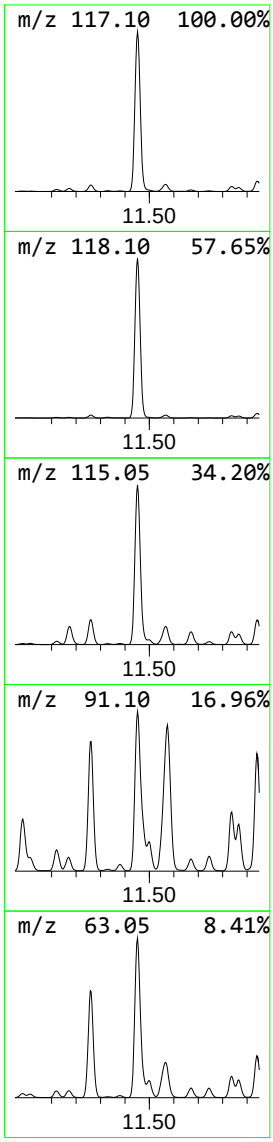
****

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	394.69 ug/l	32743800	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

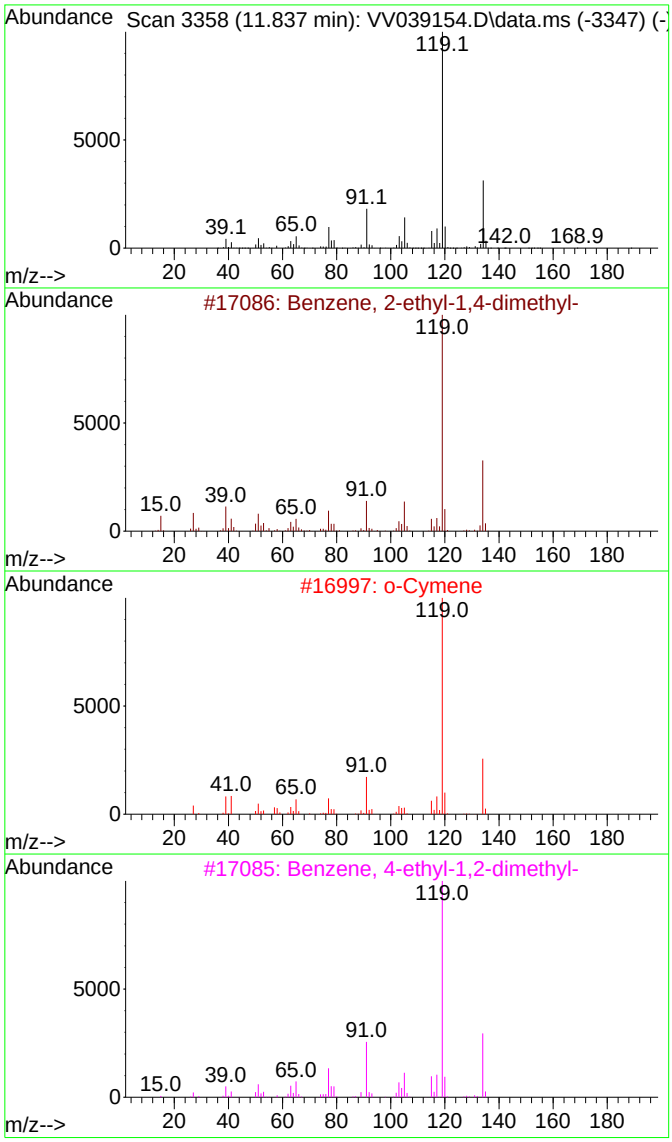
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

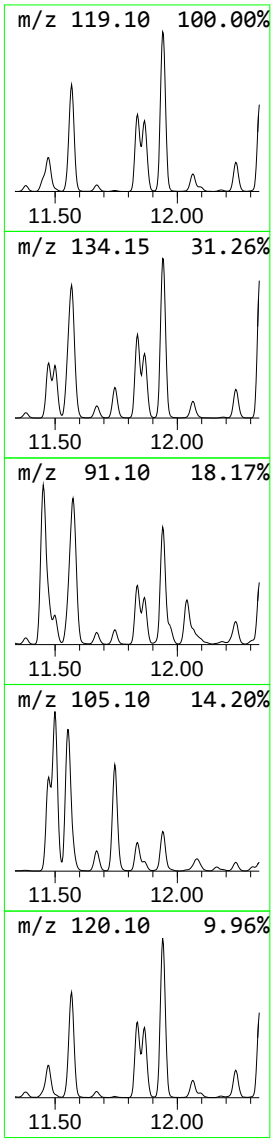
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	102.69 ug/l	8518900	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

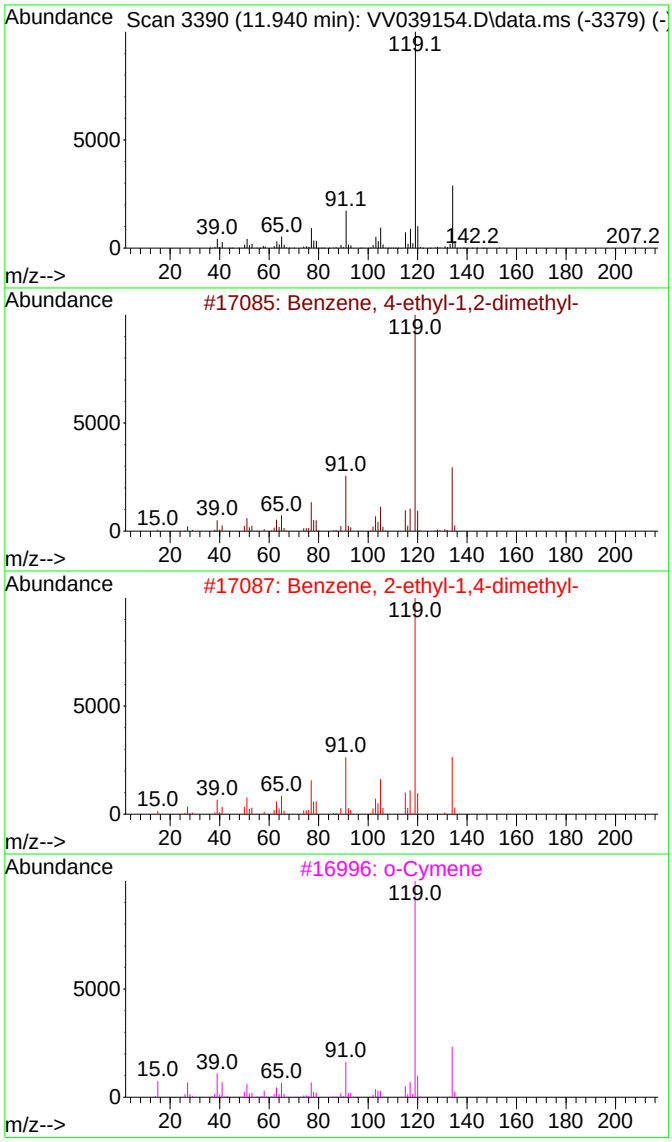
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

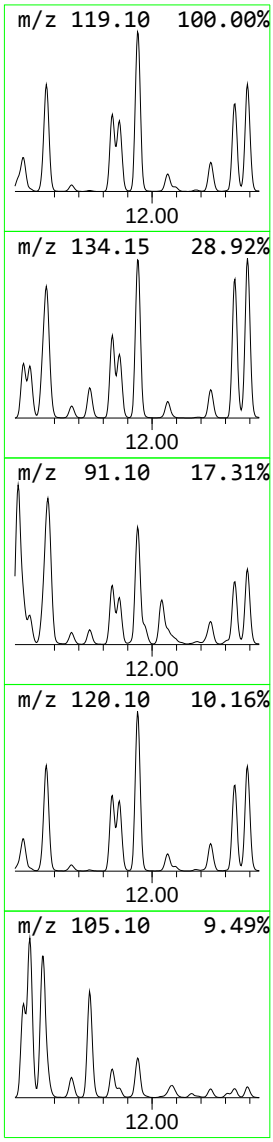
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	228.36 ug/l	18945100	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

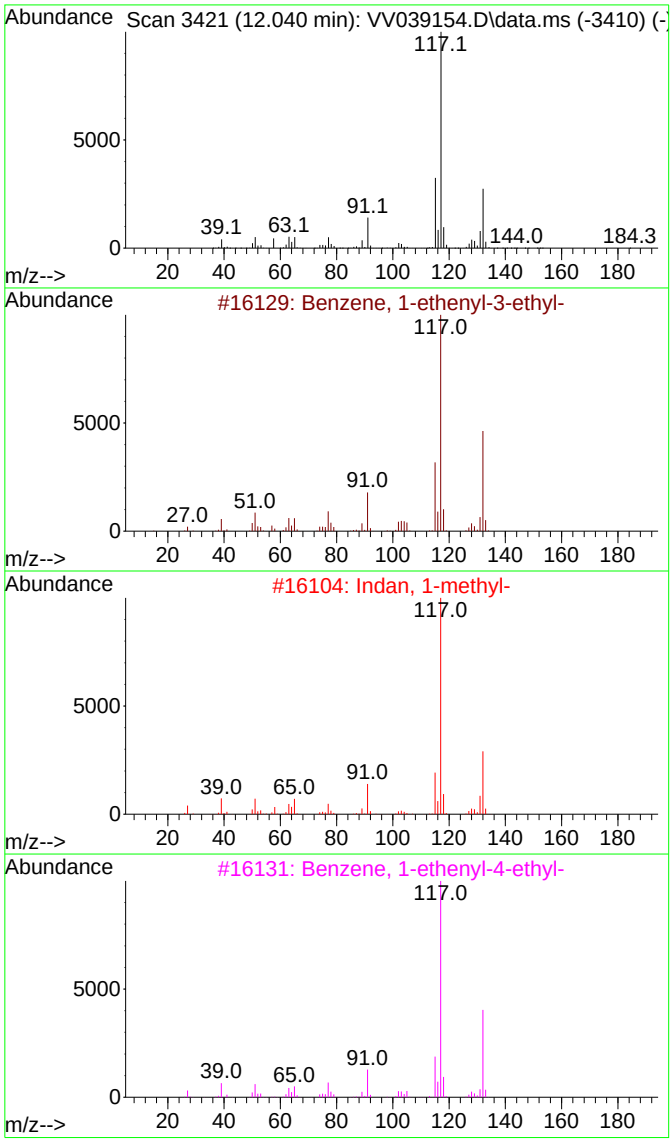
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

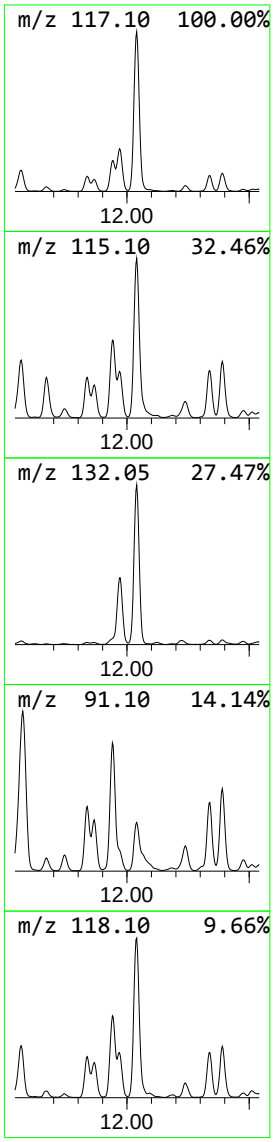
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	134.92 ug/l	11192800	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

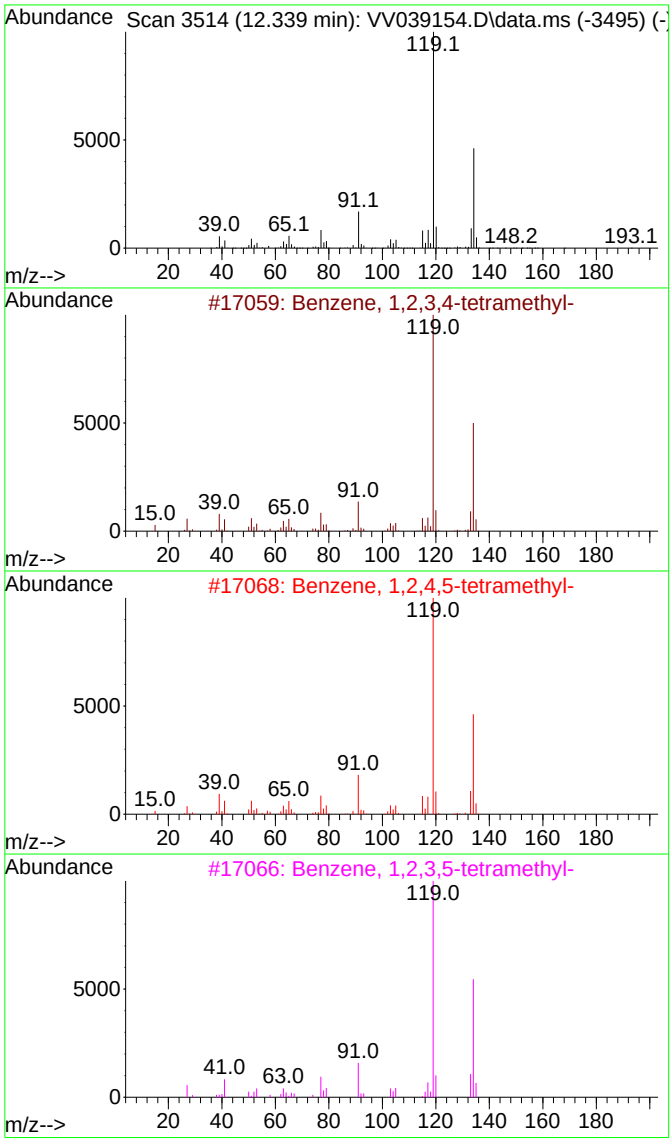
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

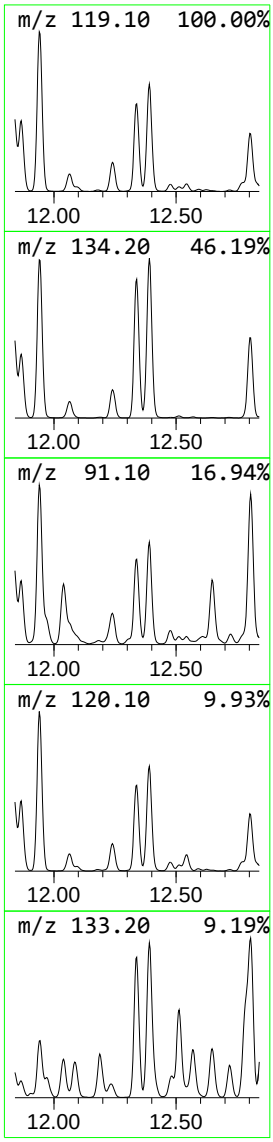
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	119.35 ug/l	9901260	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

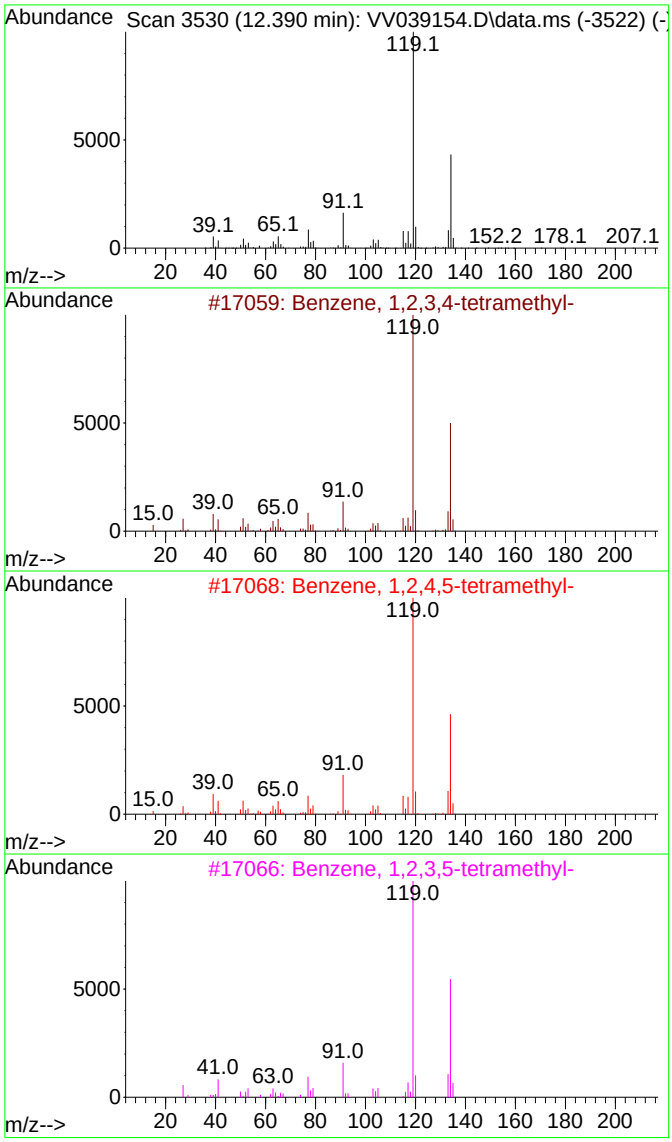
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

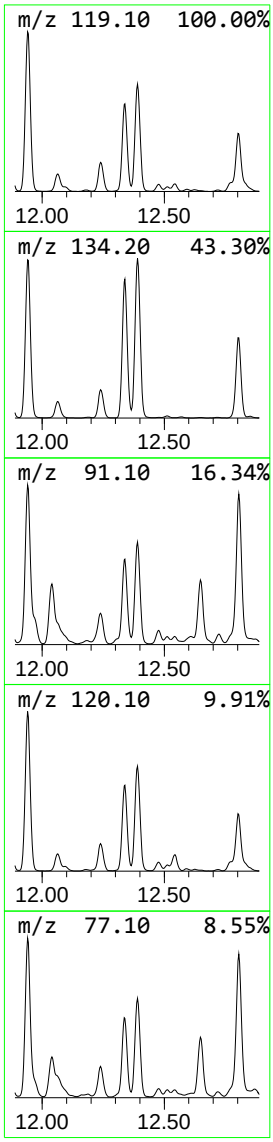
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.390	140.16 ug/l	11627700	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

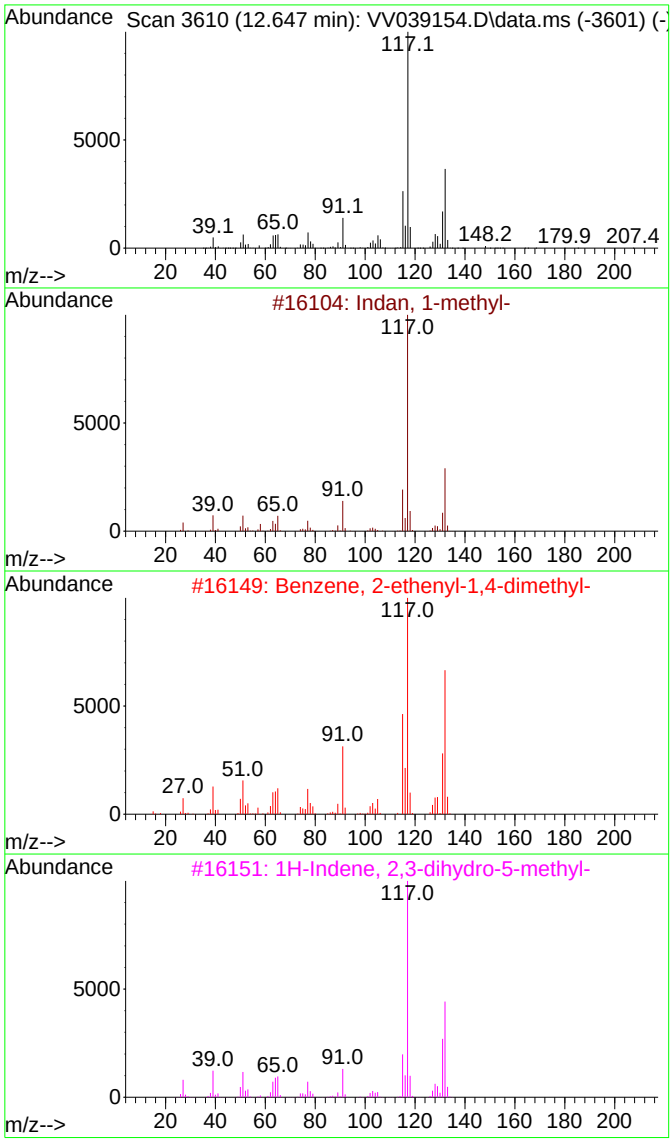
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

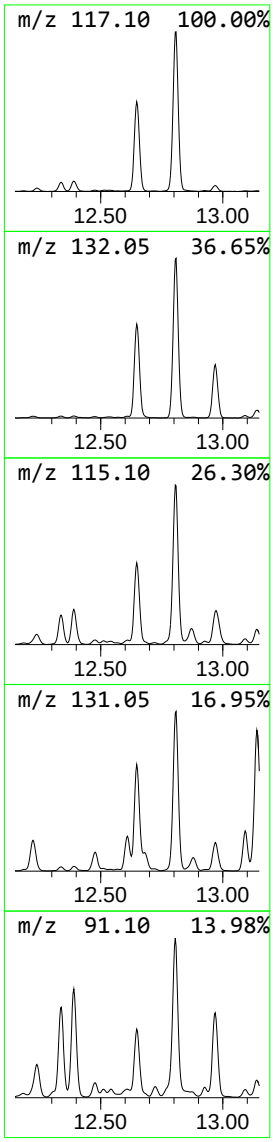
****

Peak Number 12 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	117.46 ug/l	9744640	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

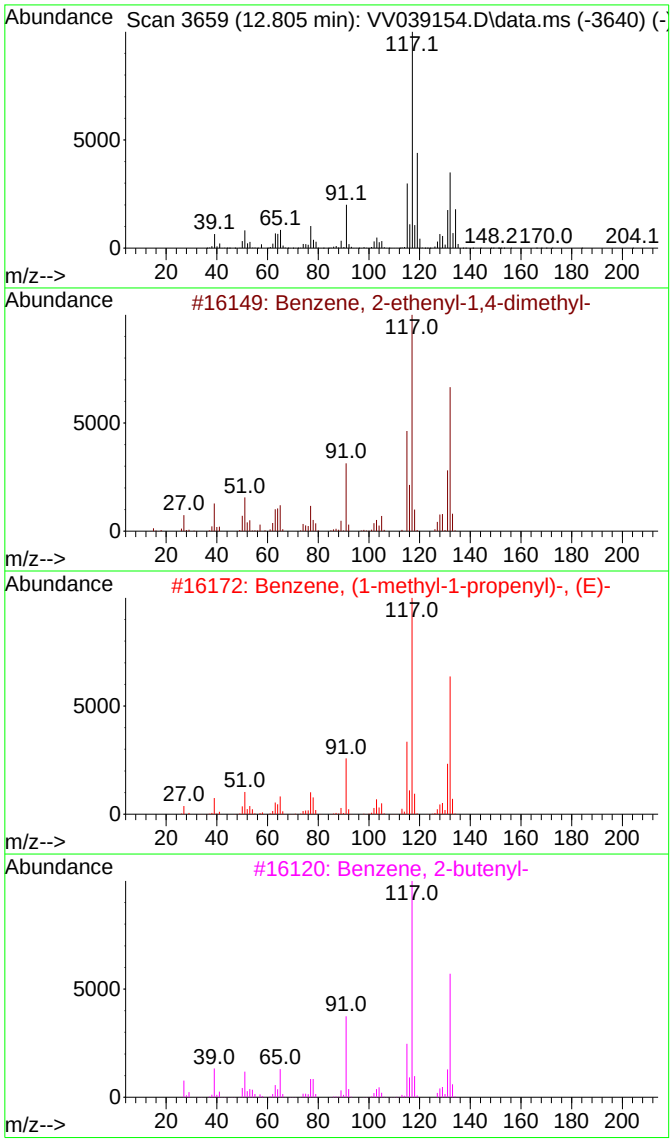
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

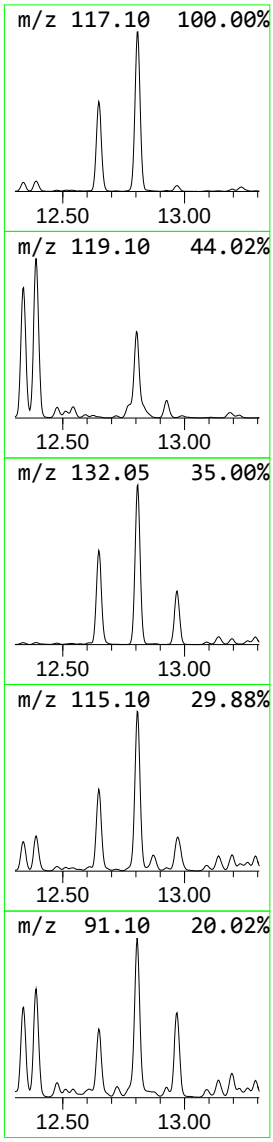
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.805	280.78 ug/l	23293600	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

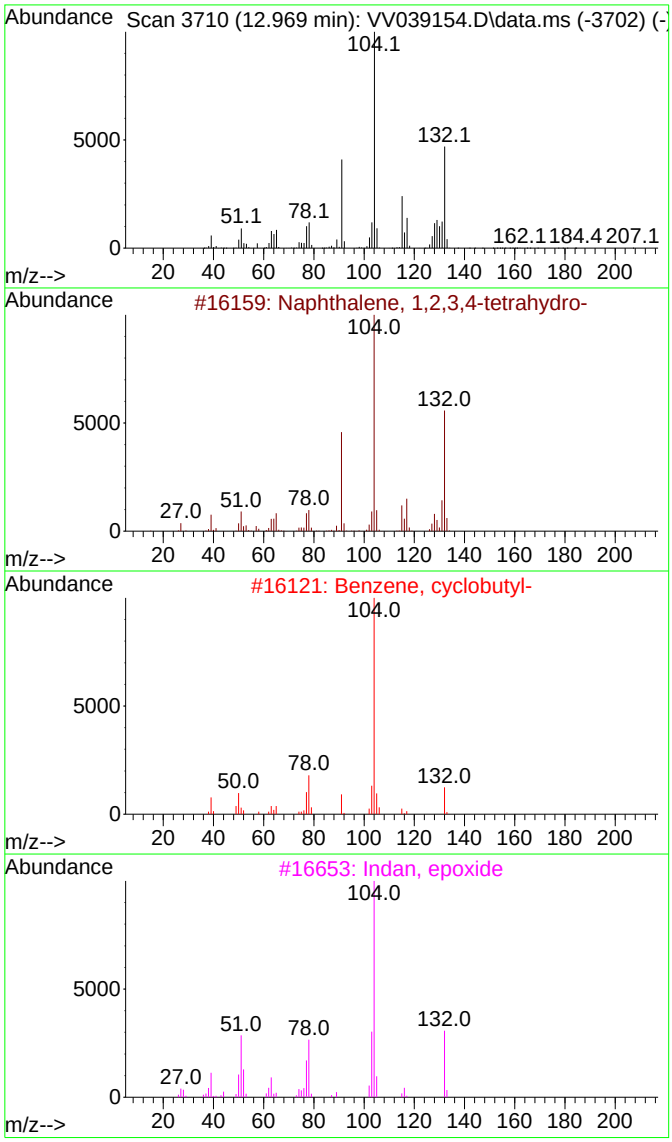
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

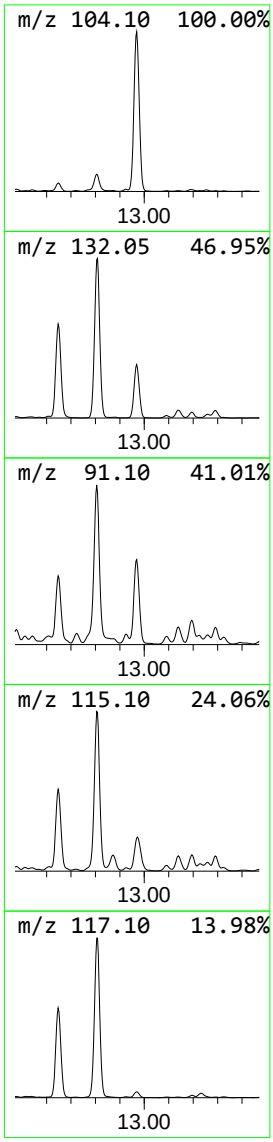
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	75.07 ug/l	6227530	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
3	Indan, epoxide	132	C9H8O	000768-22-9	46
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
5	2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

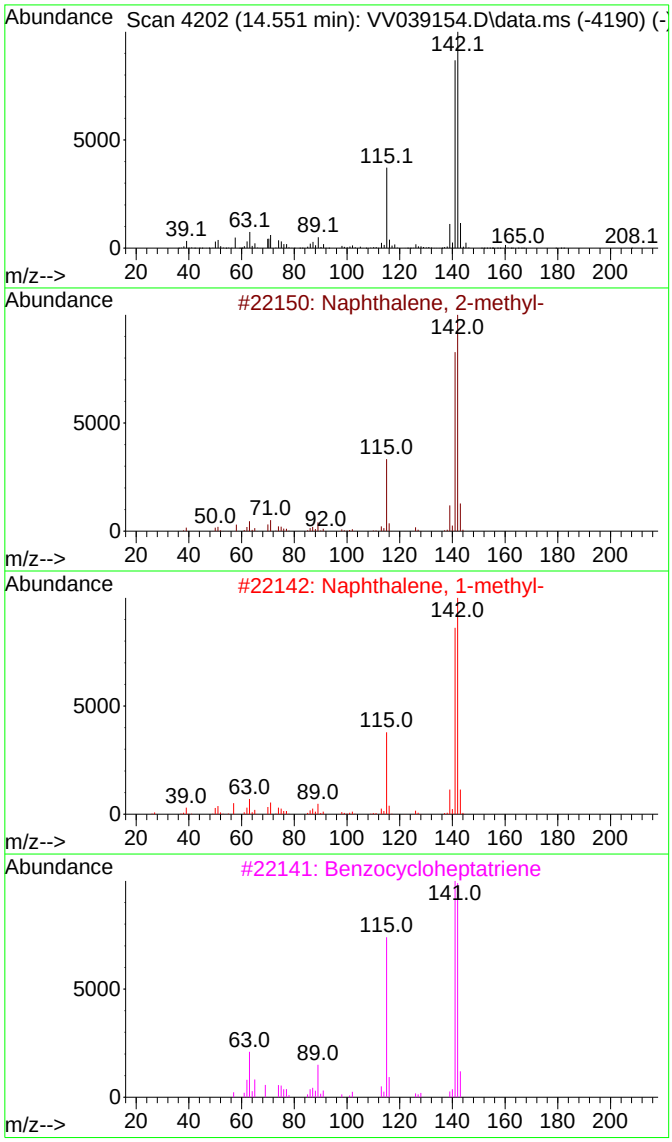
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

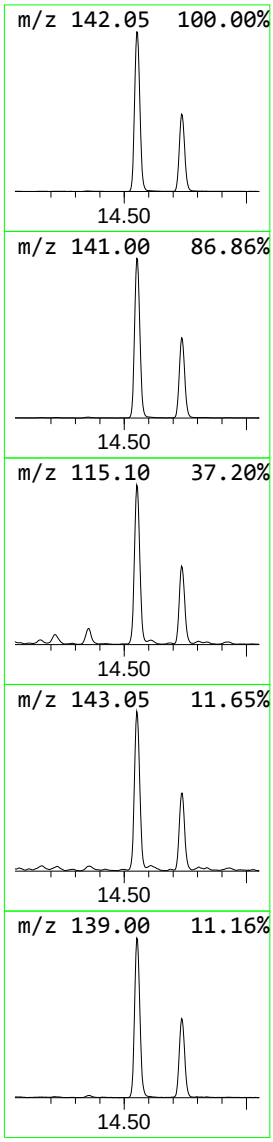
****

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	123.88 ug/l	10277200	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039154.D
Acq On : 24 Sep 2025 15:53
Operator : SY/MD
Sample : Q3175-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, 1...	5.233	80.5	ug/l	3563980	2	5.535	2214590	50.0
Cyclopentene, 1...	6.722	118.3	ug/l	5240200	2	5.535	2214590	50.0
Benzene, 1-ethy...	10.374	426.8	ug/l	35407900	4	11.175	4148040	50.0
Benzene, 1-ethy...	10.660	193.0	ug/l	16010700	4	11.175	4148040	50.0
Benzene, 1,2,3-...	11.262	374.6	ug/l	31078800	4	11.175	4148040	50.0
Indane	11.451	394.7	ug/l	32743800	4	11.175	4148040	50.0
Benzene, 2-ethy...	11.837	102.7	ug/l	8518900	4	11.175	4148040	50.0
Benzene, 4-ethy...	11.940	228.4	ug/l	18945100	4	11.175	4148040	50.0
Benzene, 1-ethe...	12.040	134.9	ug/l	11192800	4	11.175	4148040	50.0
Benzene, 1,2,3,...	12.339	119.3	ug/l	9901260	4	11.175	4148040	50.0
Benzene, 1,2,4,...	12.390	140.2	ug/l	11627700	4	11.175	4148040	50.0
Indan, 1-methyl-	12.648	117.5	ug/l	9744640	4	11.175	4148040	50.0
Benzene, 2-ethe...	12.805	280.8	ug/l	23293600	4	11.175	4148040	50.0
Naphthalene, 1,...	12.969	75.1	ug/l	6227530	4	11.175	4148040	50.0
Naphthalene, 2-...	14.551	123.9	ug/l	10277200	4	11.175	4148040	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039175.D
Acq On : 25 Sep 2025 12:55
Operator : SY/MD
Sample : Q3175-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 01:25:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW4DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	560555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1013068	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	987441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	548334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	442857	54.587	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.180%			
35) Dibromofluoromethane	4.503	113	397640	48.825	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.640%			
50) Toluene-d8	7.236	98	1138170	47.583	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.160%			
62) 4-Bromofluorobenzene	10.001	95	477707	48.512	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.020%			
Target Compounds						Qvalue
31) Cyclohexane	4.590	56	88730	6.132	ug/l #	85
39) Methylcyclohexane	6.050	83	106117	7.136	ug/l	96
40) Benzene	5.011	78	2259910	56.362	ug/l	99
52) Toluene	7.320	92	56174	2.416	ug/l	94
67) Ethyl Benzene	8.937	91	1097863	26.369	ug/l	100
68) m/p-Xylenes	9.063	106	1299190	80.850	ug/l	100
69) o-Xylene	9.471	106	82647	5.809	ug/l	99
73) Isopropylbenzene	9.860	105	102681	2.582	ug/l	99
78) n-propylbenzene	10.281	91	321661	6.642	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	387119	11.711	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1210229	37.710	ug/l	99
85) sec-Butylbenzene	11.017	105	25782m	0.590	ug/l	
86) p-Isopropyltoluene	11.172	119	14766m	0.406	ug/l	
89) n-Butylbenzene	11.574	91	38955m	1.121	ug/l	
95) Naphthalene	13.429	128	248885	6.885	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039175.D
Acq On : 25 Sep 2025 12:55
Operator : SY/MD
Sample : Q3175-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 01:25:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW4DL

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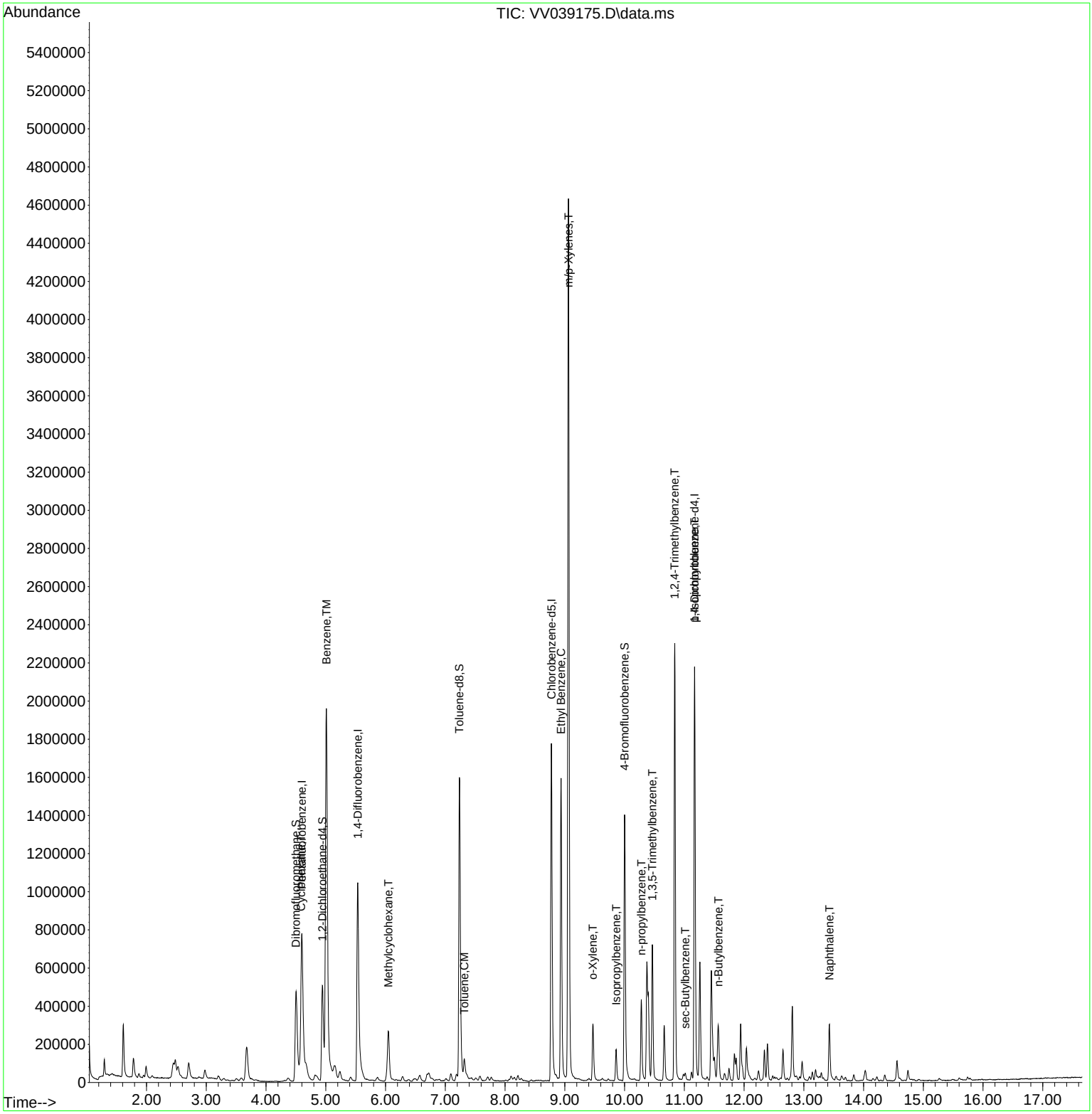
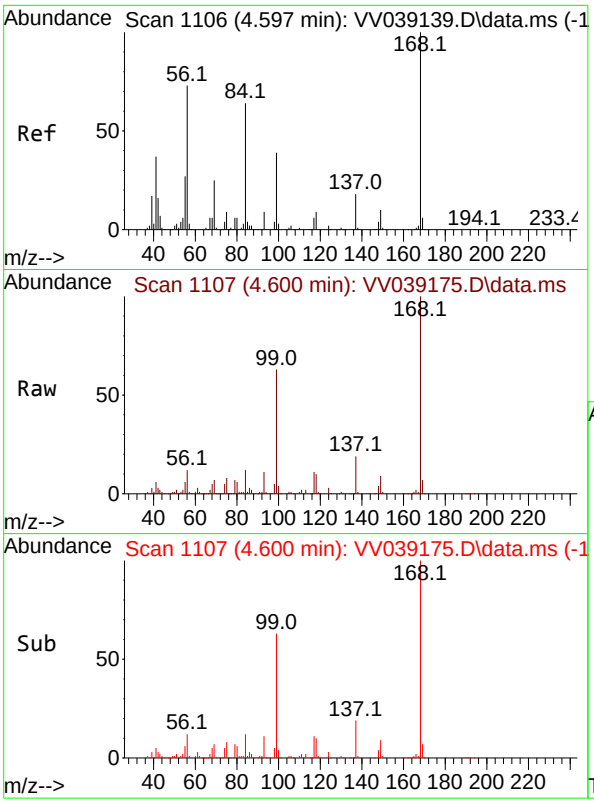
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

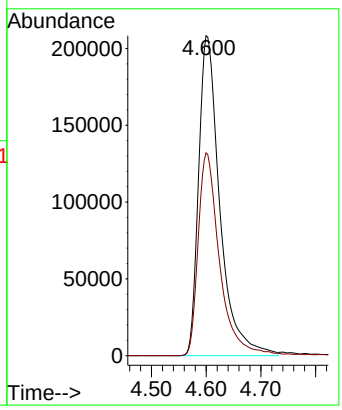




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:168 Resp: 56055

Ion	Ratio	Lower	Upper
168	100		
99	63.4	49.6	74.4



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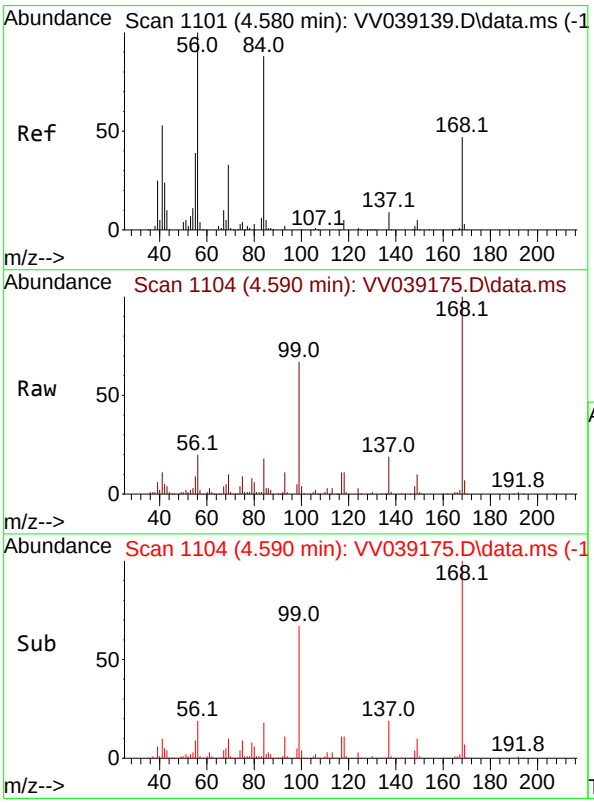
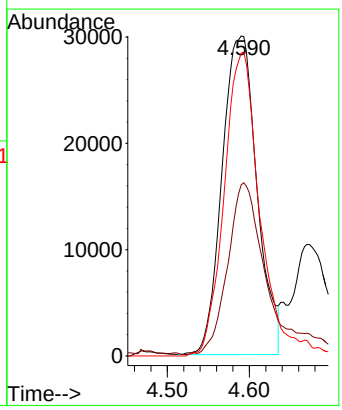
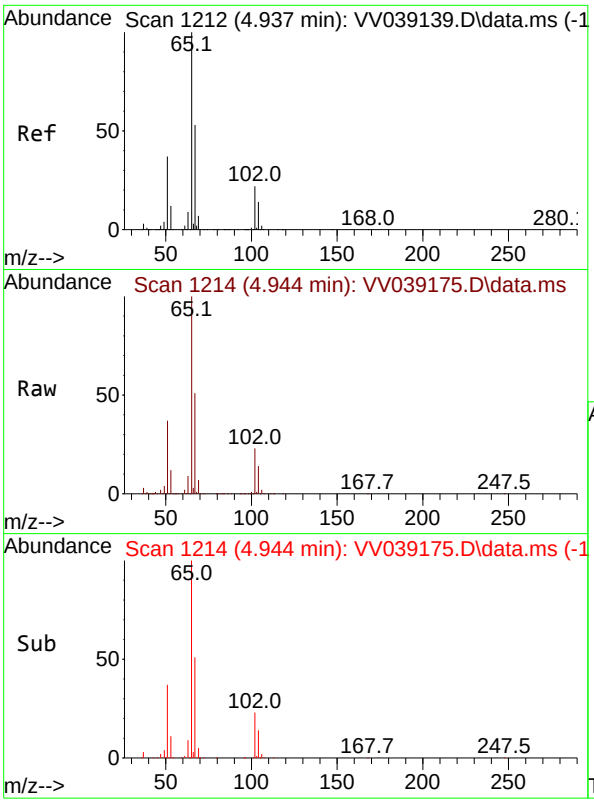


#31
Cyclohexane
Concen: 6.132 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 56 Resp: 88730

Ion	Ratio	Lower	Upper
56	100		
69	52.9	26.2	39.2#
84	95.1	70.3	105.5





#33
1,2-Dichloroethane-d4
Concen: 54.587 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 65 Resp: 44285

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.0

Instrument :
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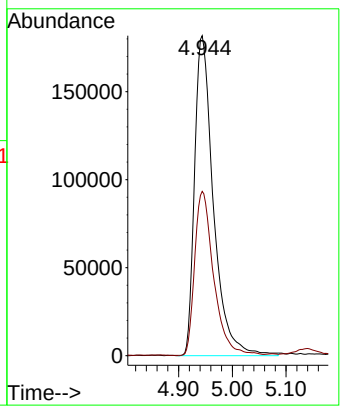
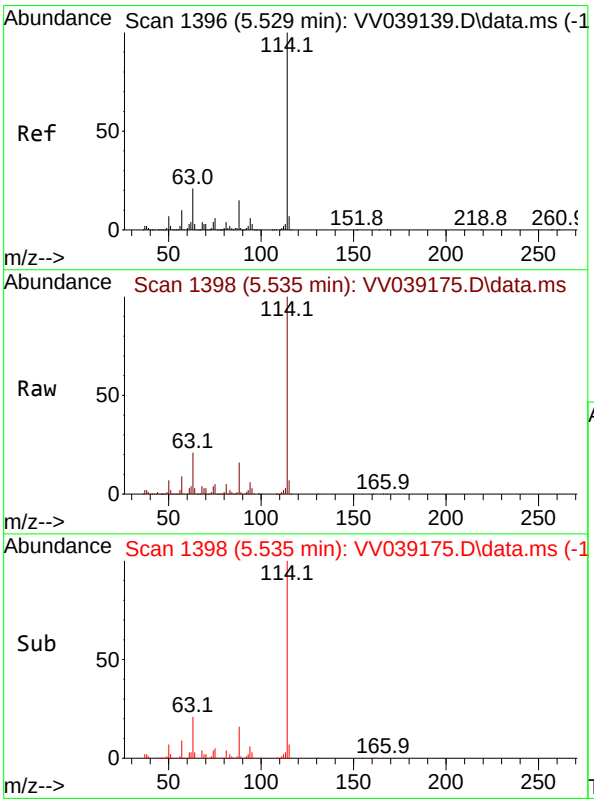
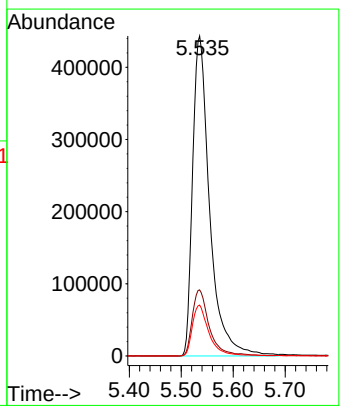


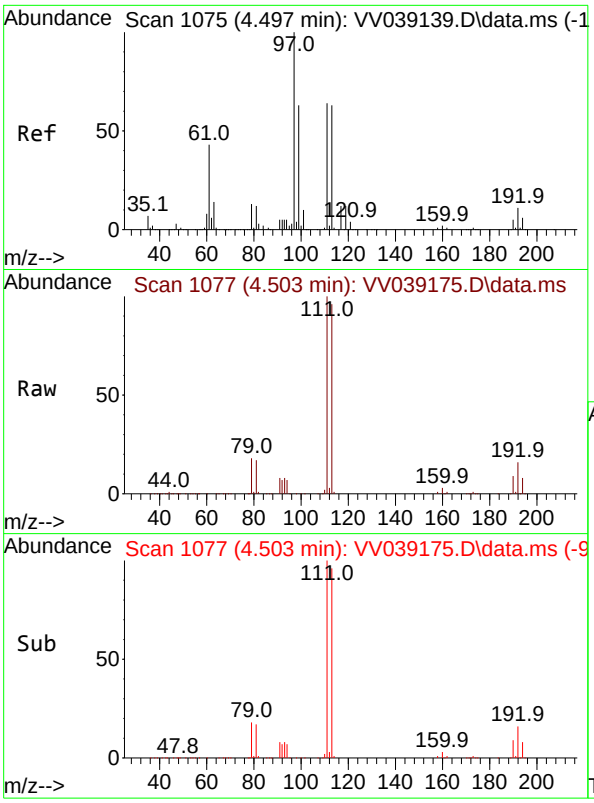


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:114 Resp: 1013068

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.6
88	15.9	0.0	30.8

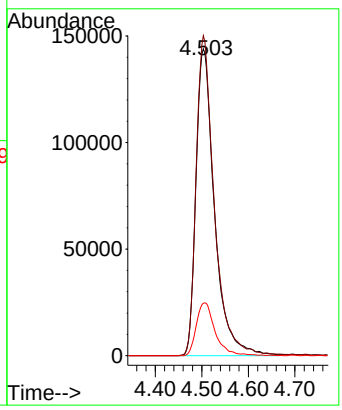




#35
Dibromofluoromethane
Concen: 48.825 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:113 Resp: 39764

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	17.2	13.8	20.8



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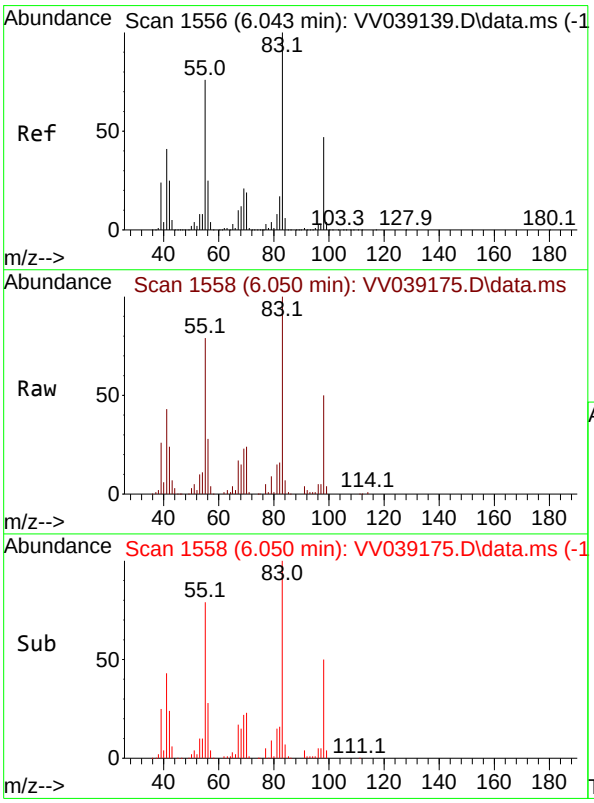
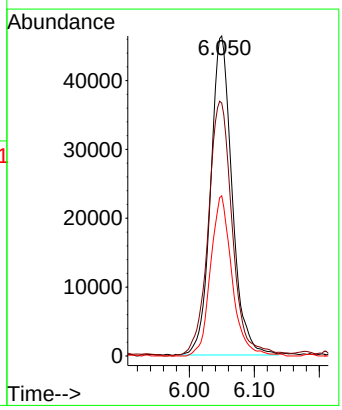
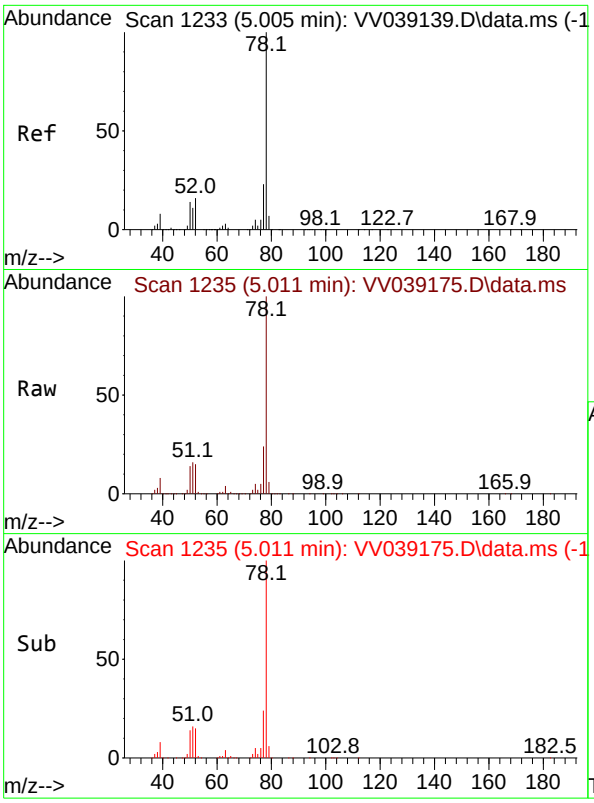


#39
Methylcyclohexane
Concen: 7.136 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 83 Resp: 106117

Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.5	90.7
98	50.2	37.8	56.6

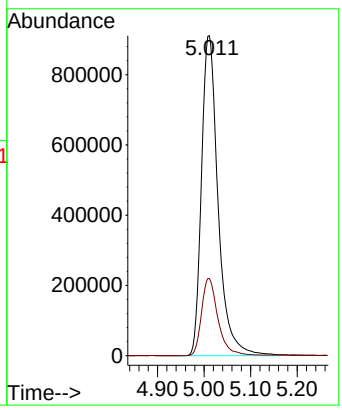




#40
Benzene
Concen: 56.362 ug/l
RT: 5.011 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 78 Resp: 225991

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1



Instrument :
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ClientSampleId :
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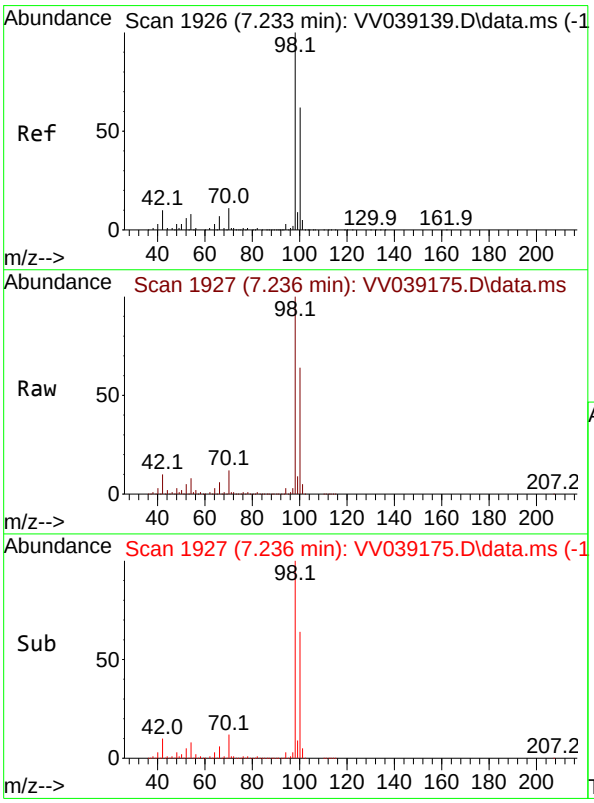
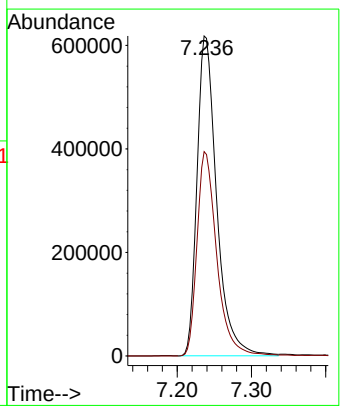
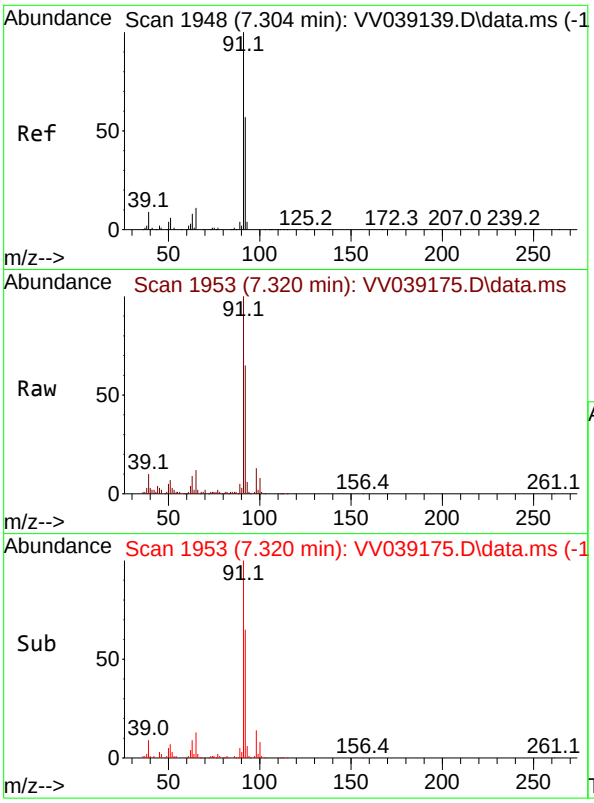


#50
Toluene-d8
Concen: 47.583 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 98 Resp: 1138170

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2

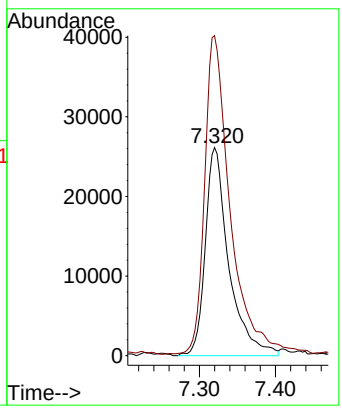




#52
Toluene
Concen: 2.416 ug/l
RT: 7.320 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 92 Resp: 5617

Ion	Ratio	Lower	Upper
92	100		
91	166.1	139.2	208.8



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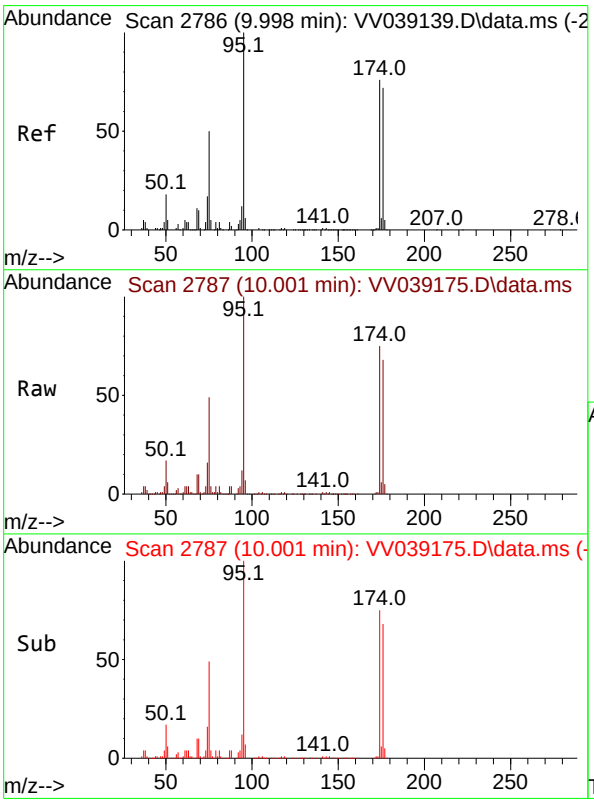
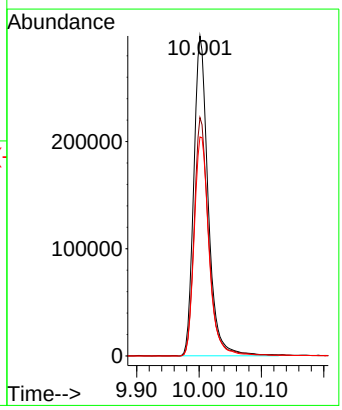
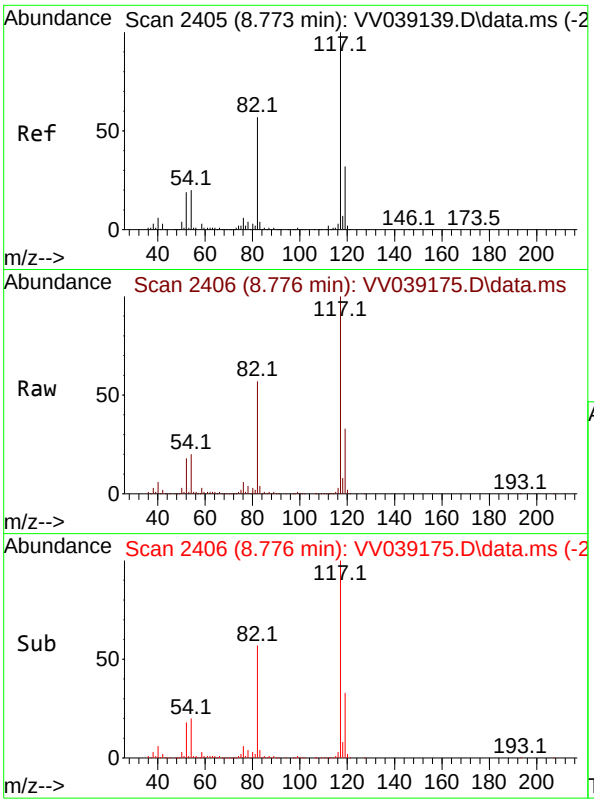


#62
4-Bromofluorobenzene
Concen: 48.512 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 95 Resp: 477707

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	70.8	0.0	144.2

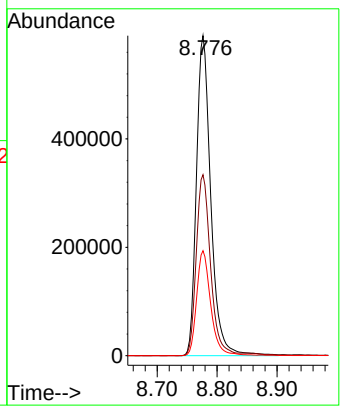




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:117 Resp: 98744

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	32.8	25.6	38.4



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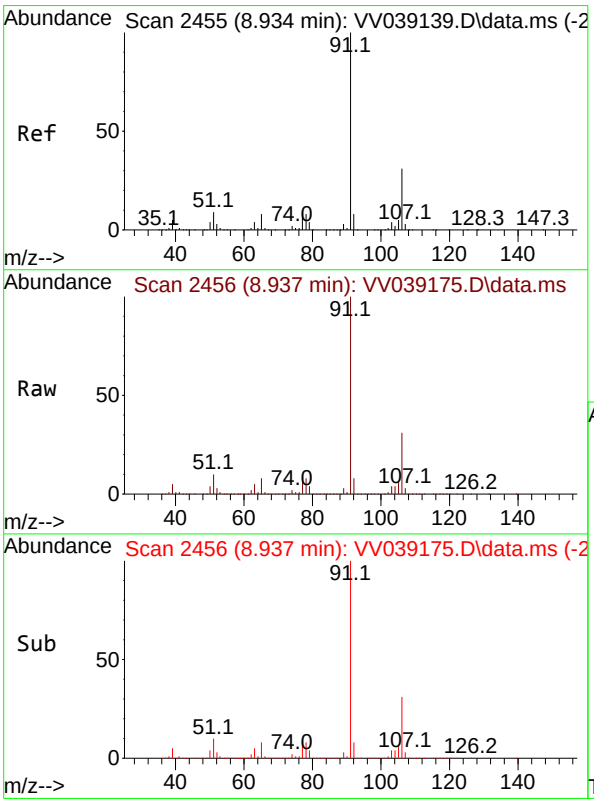
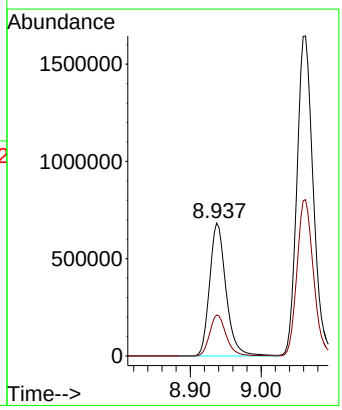
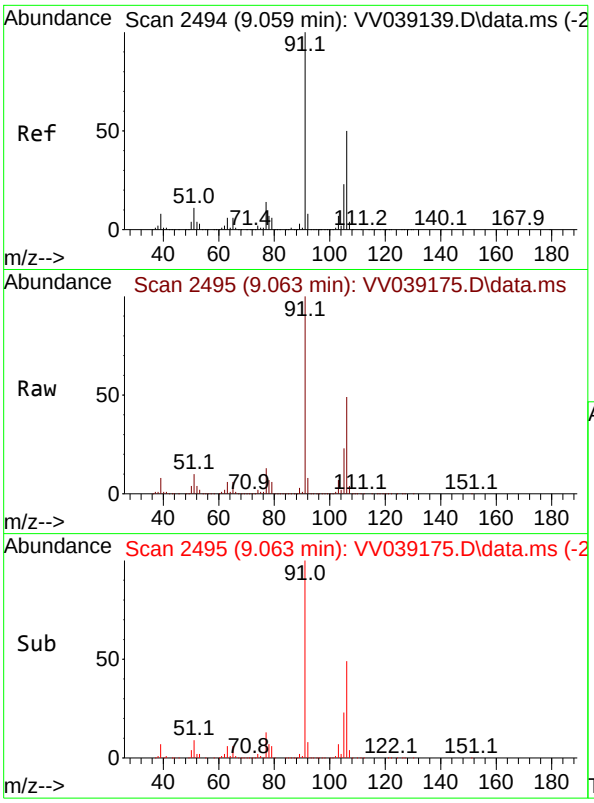


#67
Ethyl Benzene
Concen: 26.369 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 1097863

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	37.0





#68
m/p-Xylenes
Concen: 80.850 ug/l
RT: 9.063 min Scan# 2
Delta R.T. 0.004 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:106 Resp: 129919

Ion	Ratio	Lower	Upper
106	100		
91	202.8	162.5	243.7

Instrument :
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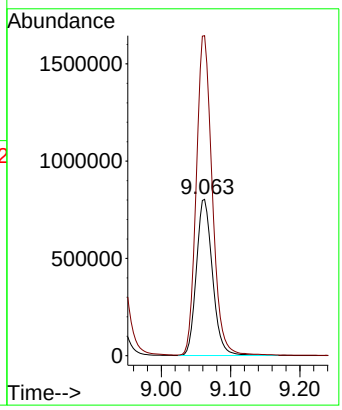
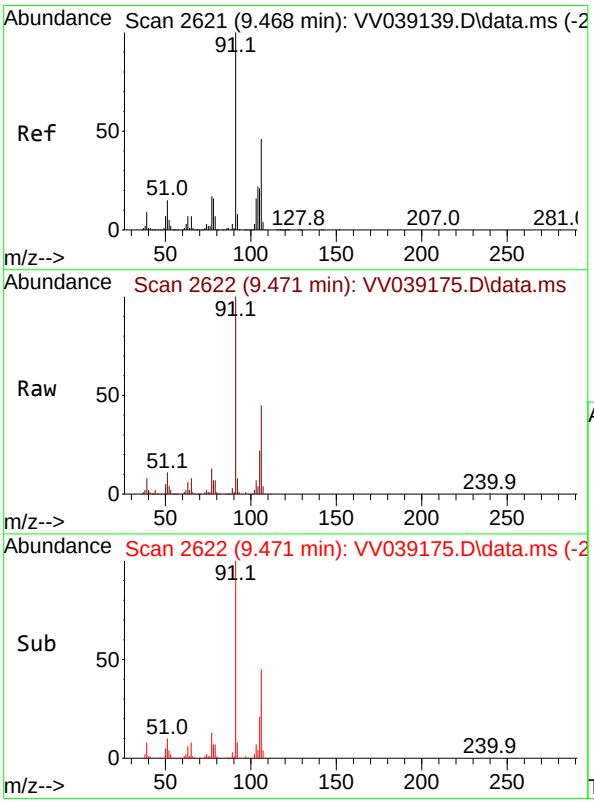
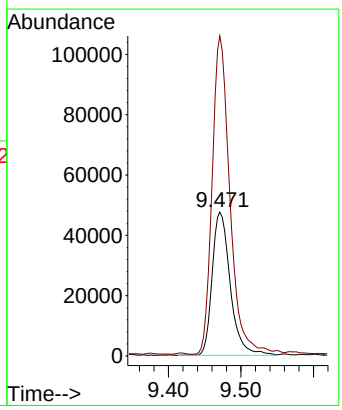


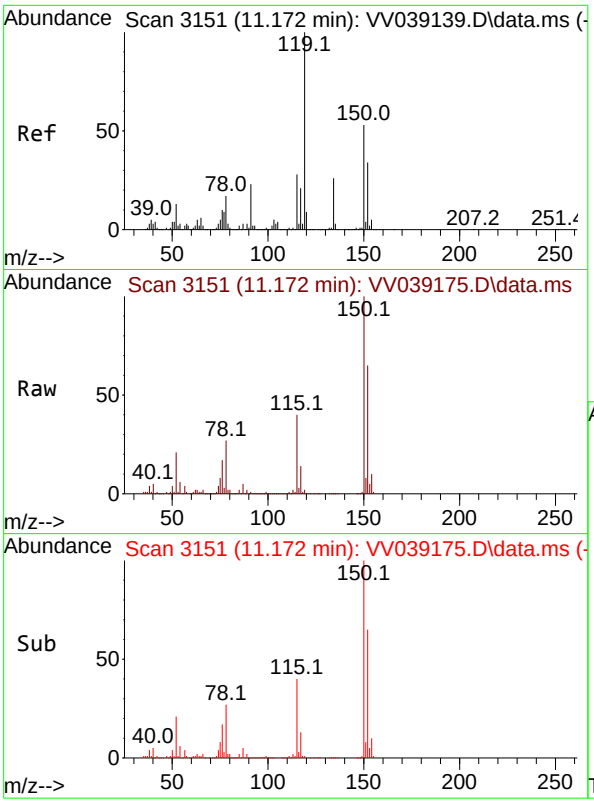


#69
o-Xylene
Concen: 5.809 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:106 Resp: 82647

Ion	Ratio	Lower	Upper
106	100		
91	216.7	109.1	327.3

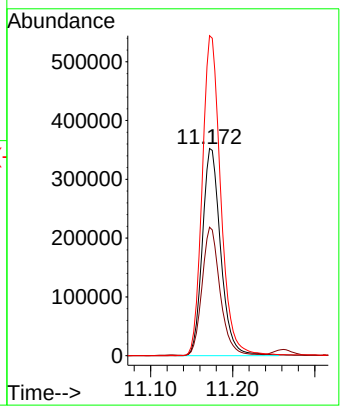




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:152 Resp: 54833

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.8	134.4
150	156.2	0.0	353.8



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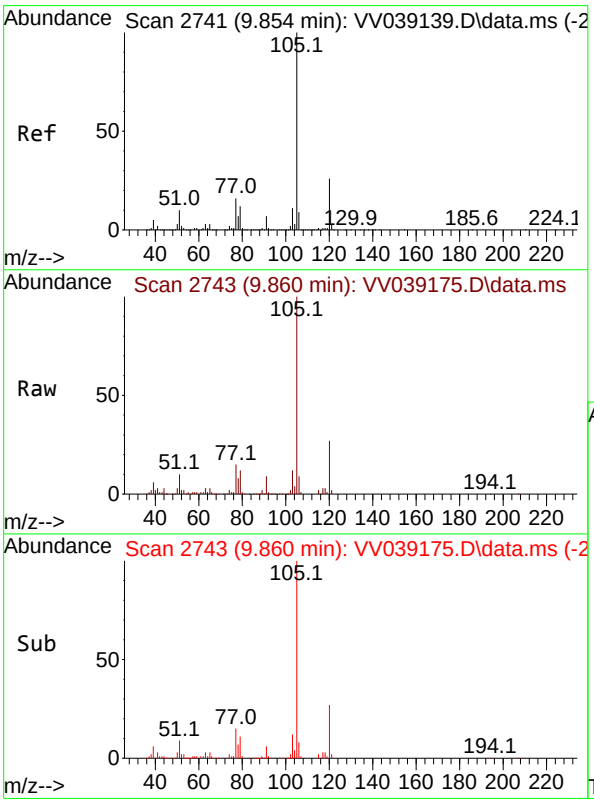
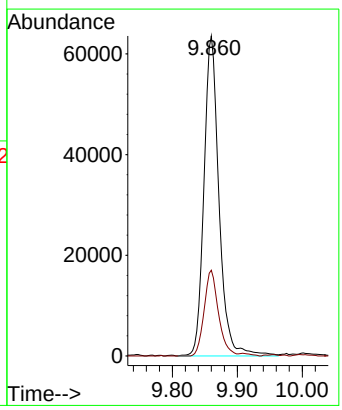
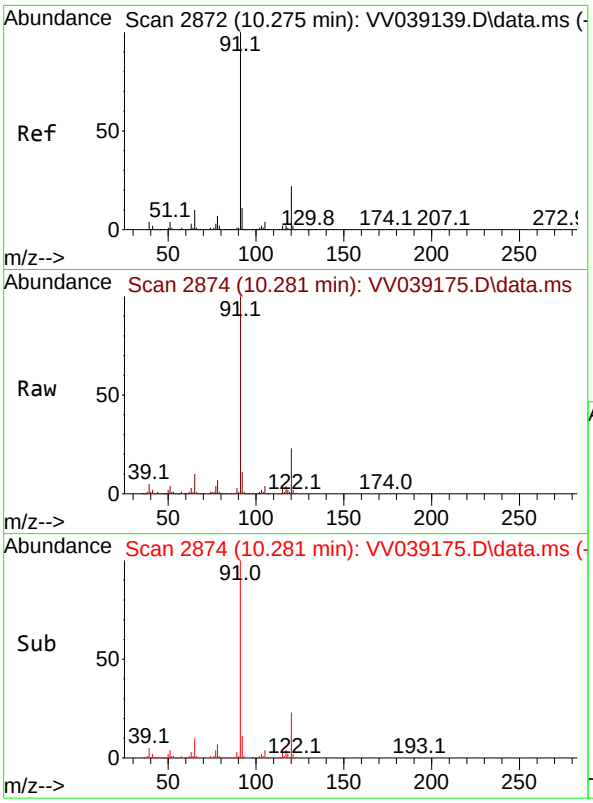


#73
Isopropylbenzene
Concen: 2.582 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:105 Resp: 102681

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1





#78
n-propylbenzene
Concen: 6.642 ug/l
RT: 10.281 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 32166

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3

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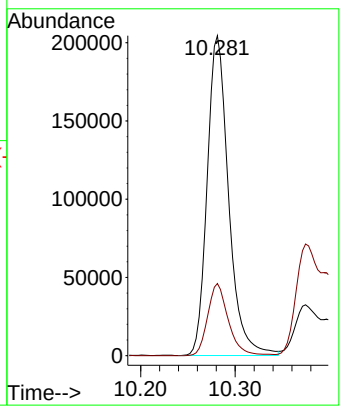
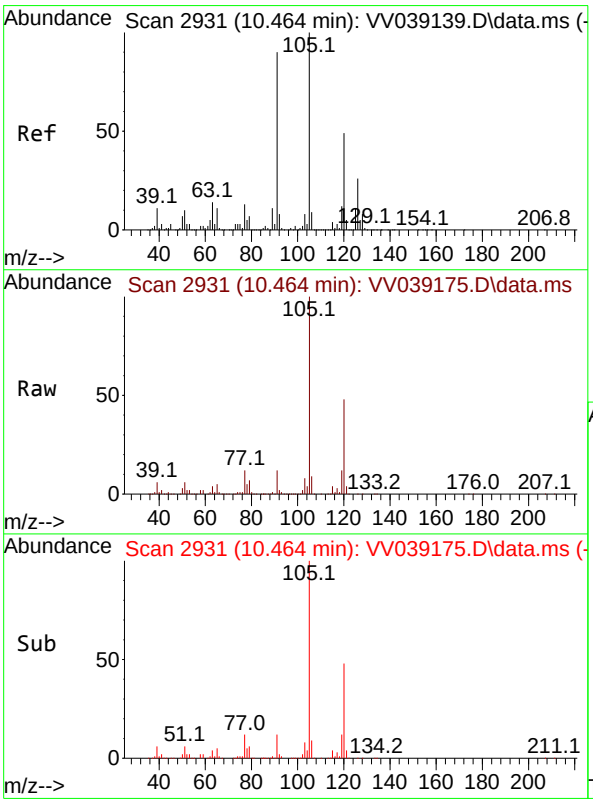
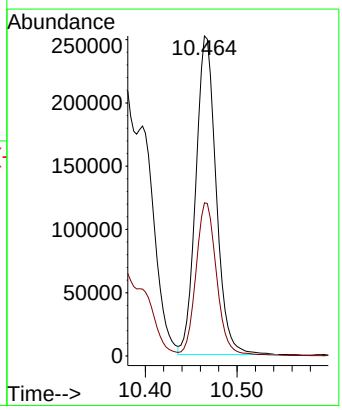


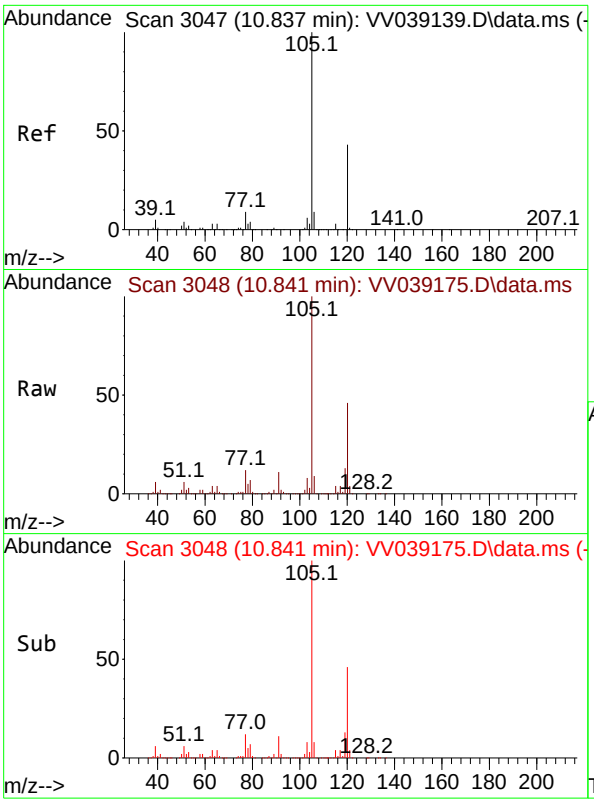


#80
1,3,5-Trimethylbenzene
Concen: 11.711 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:105 Resp: 387119

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	72.8

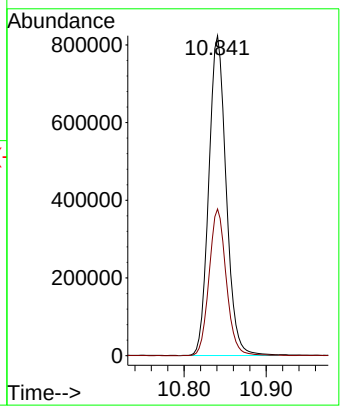




#84
1,2,4-Trimethylbenzene
Concen: 37.710 ug/l
RT: 10.841 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:105 Resp: 121022

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.2



Instrument :
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ClientSampleId :
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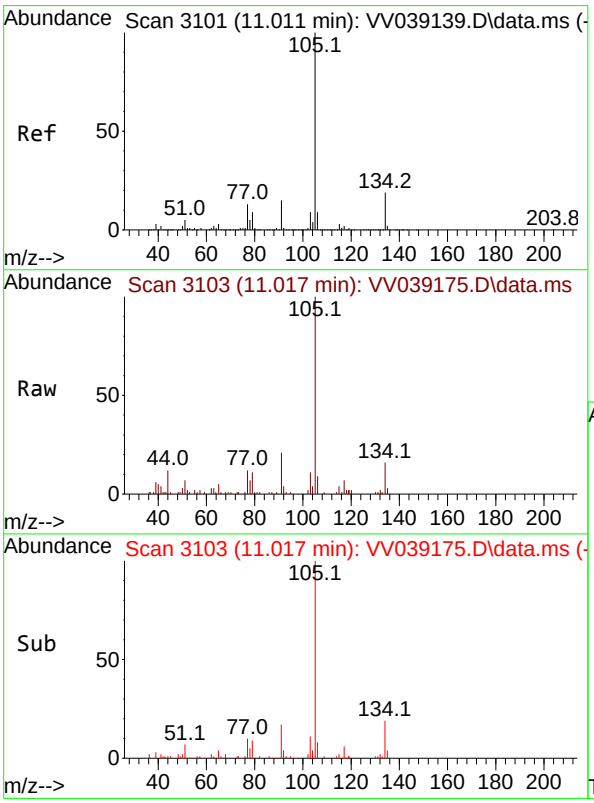
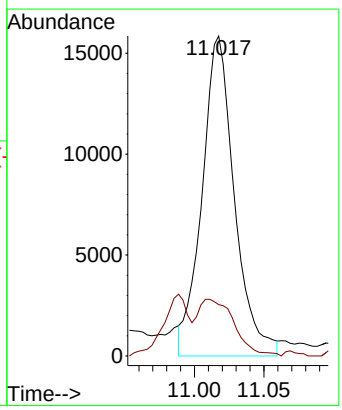
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

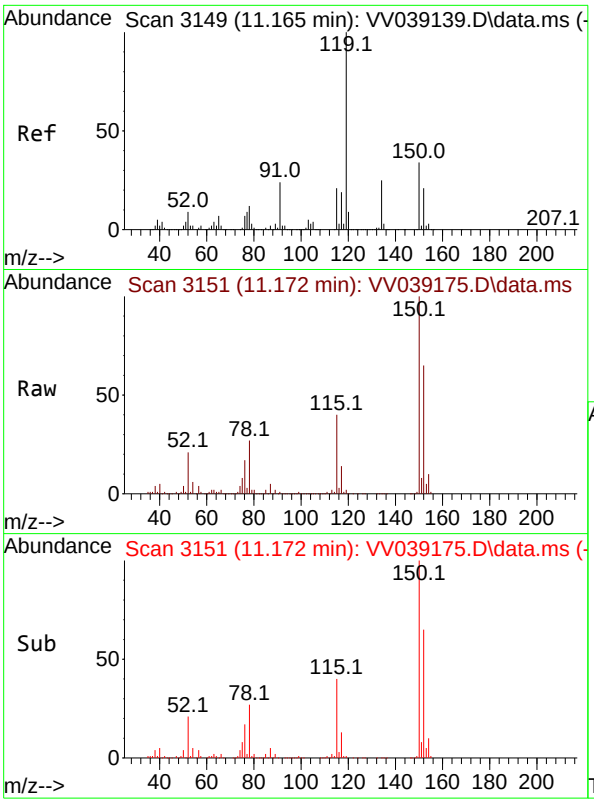


#85
sec-Butylbenzene
Concen: 0.590 ug/l m
RT: 11.017 min Scan# 3103
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:105 Resp: 25782

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8#

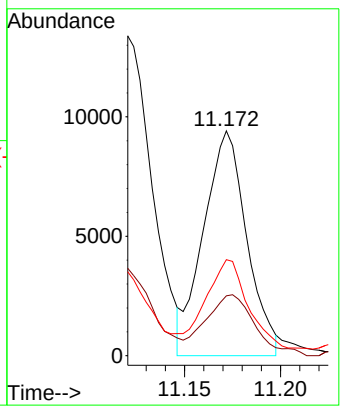




#86
p-Isopropyltoluene
Concen: 0.406 ug/l m
RT: 11.172 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:119 Resp: 1476

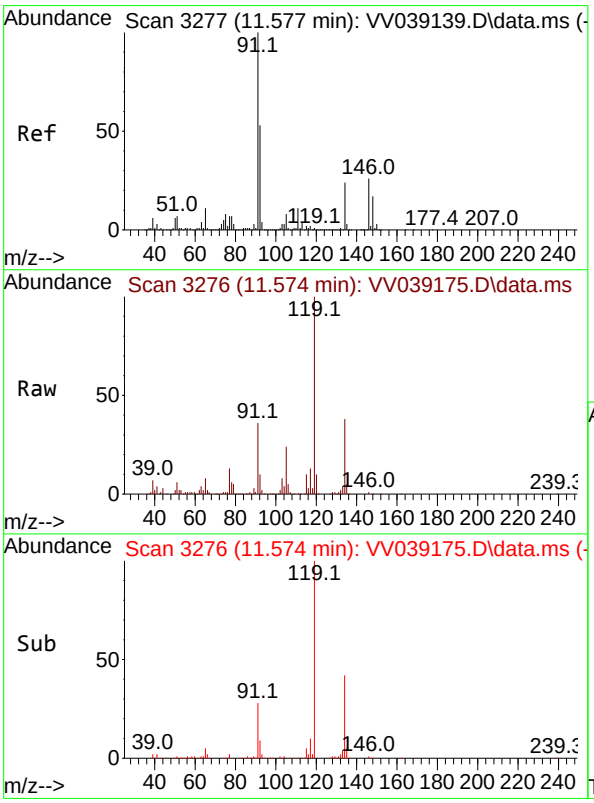
Ion	Ratio	Lower	Upper
119	100		
134	39.6	12.7	38.0#
91	28.2	12.0	36.1



Instrument :
MSVOA_V
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

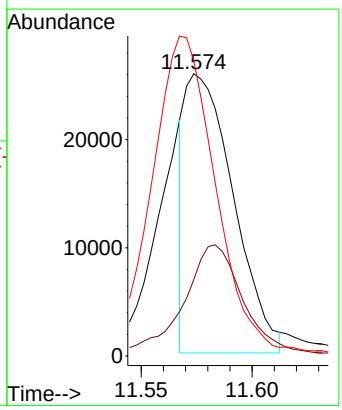
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

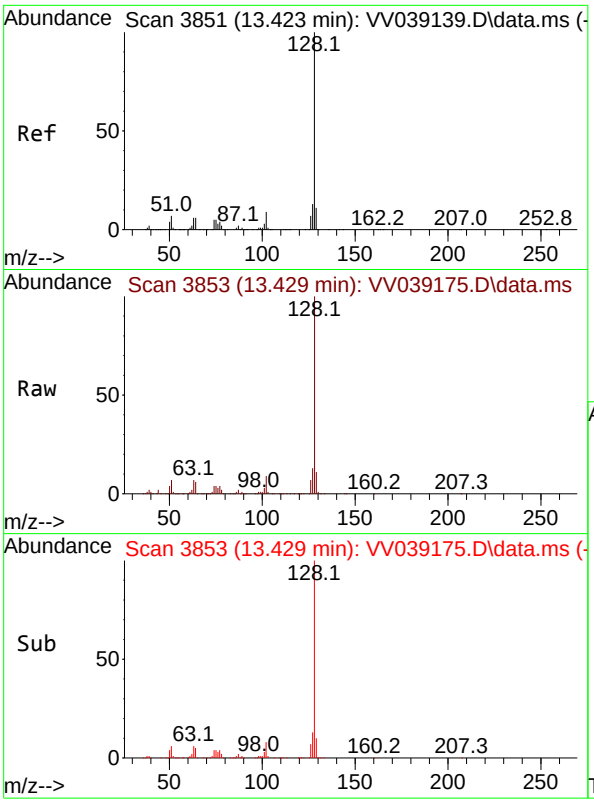


#89
n-Butylbenzene
Concen: 1.121 ug/l m
RT: 11.574 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 38955

Ion	Ratio	Lower	Upper
91	100		
92	47.7	26.6	79.8
134	149.8	12.1	36.3#

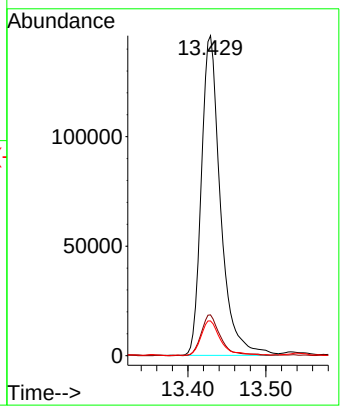




#95
Naphthalene
Concen: 6.885 ug/l
RT: 13.429 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:128 Resp: 24888

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

A B C D E F G H I J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	463770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	858892	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	831675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	379013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	417696	62.230	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 124.460%#			
35) Dibromofluoromethane	4.497	113	376781	54.568	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 109.140%			
50) Toluene-d8	7.236	98	894968	44.132	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.260%#			
62) 4-Bromofluorobenzene	10.001	95	400947	48.026	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.060%			

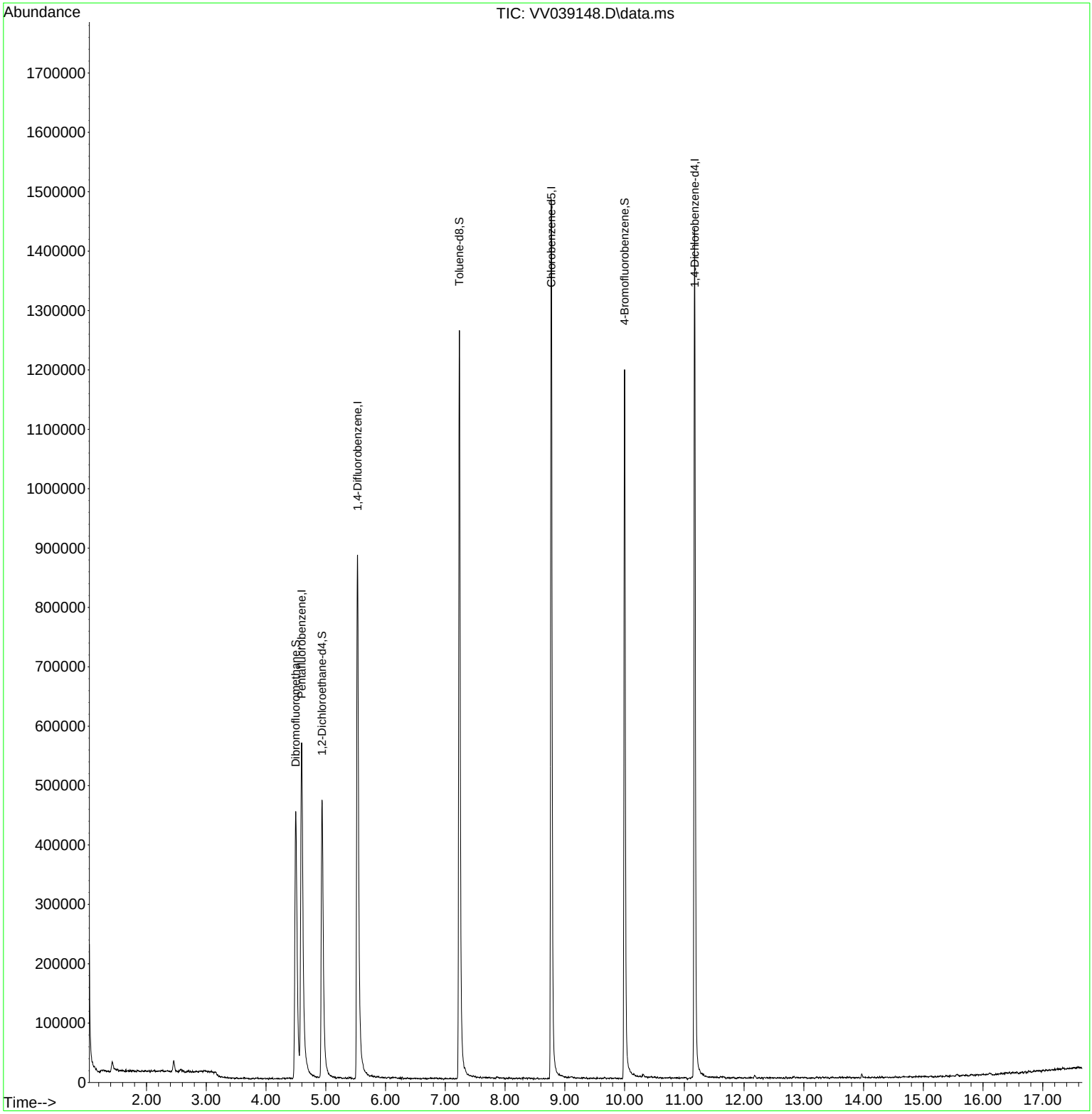
Target Compounds Qvalue

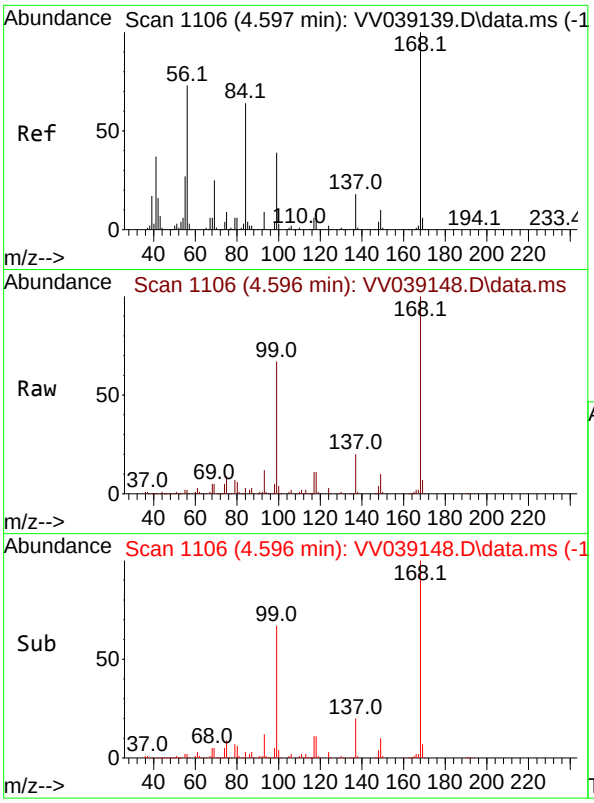
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



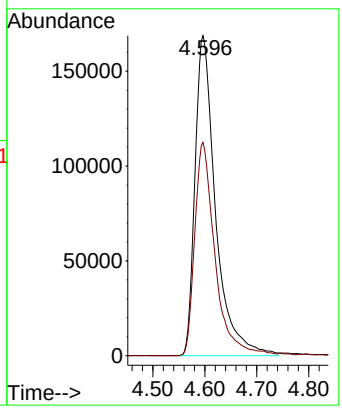


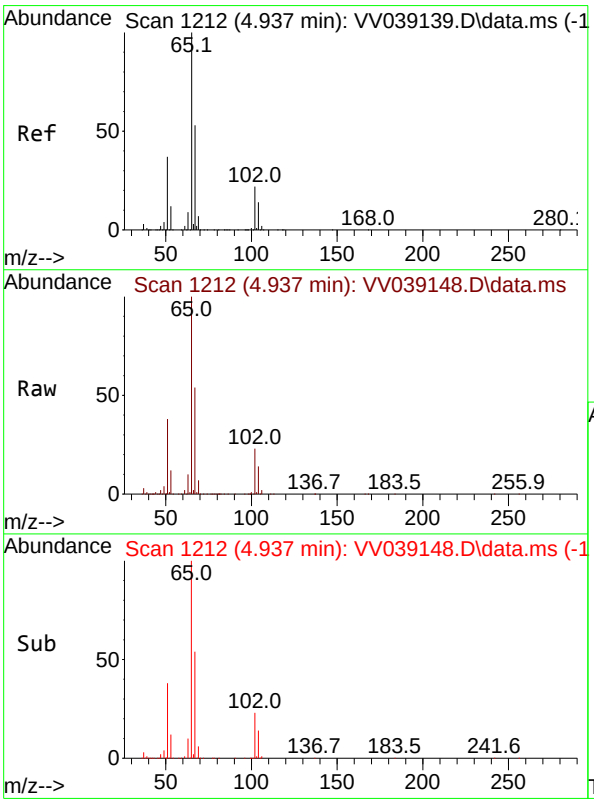
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:168 Resp: 463770

Ion	Ratio	Lower	Upper
168	100		
99	66.7	49.6	74.4

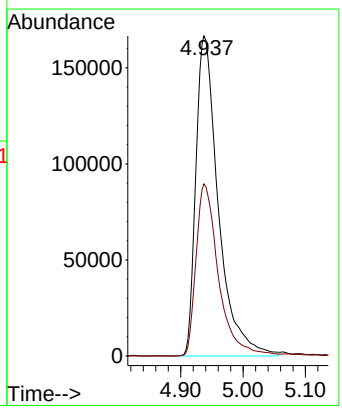


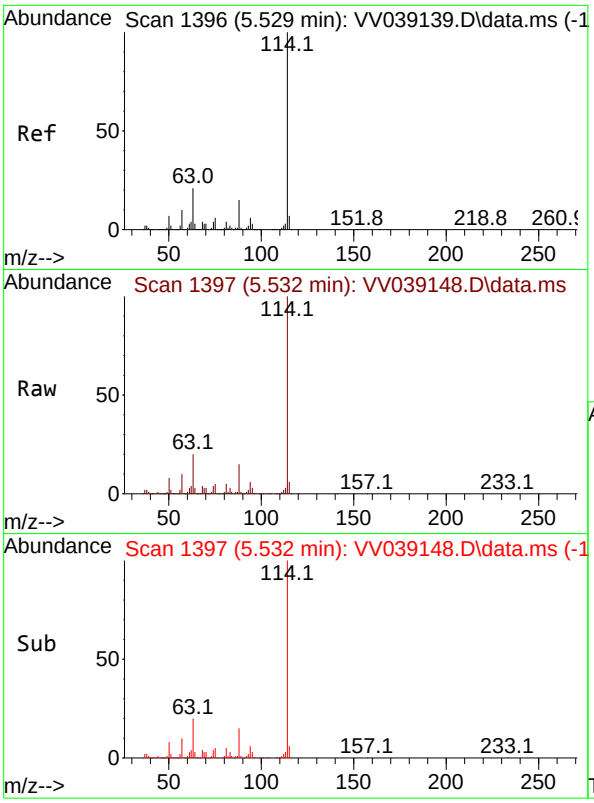


#33
1,2-Dichloroethane-d4
Concen: 62.230 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 65 Resp: 417696

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.0



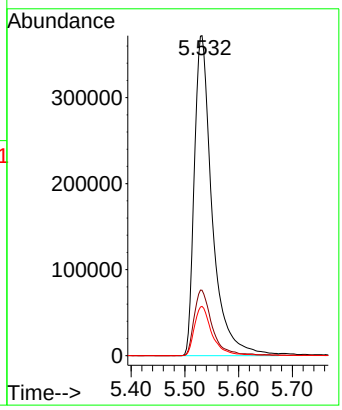


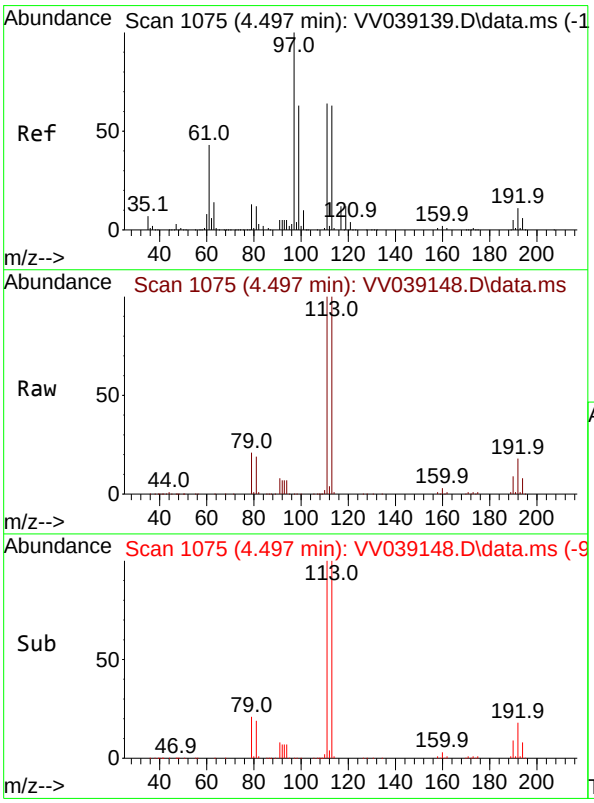
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:114 Resp: 858892

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	15.4	0.0	30.8

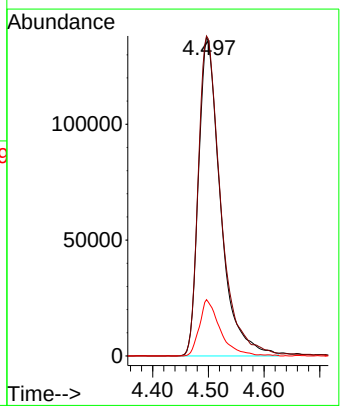


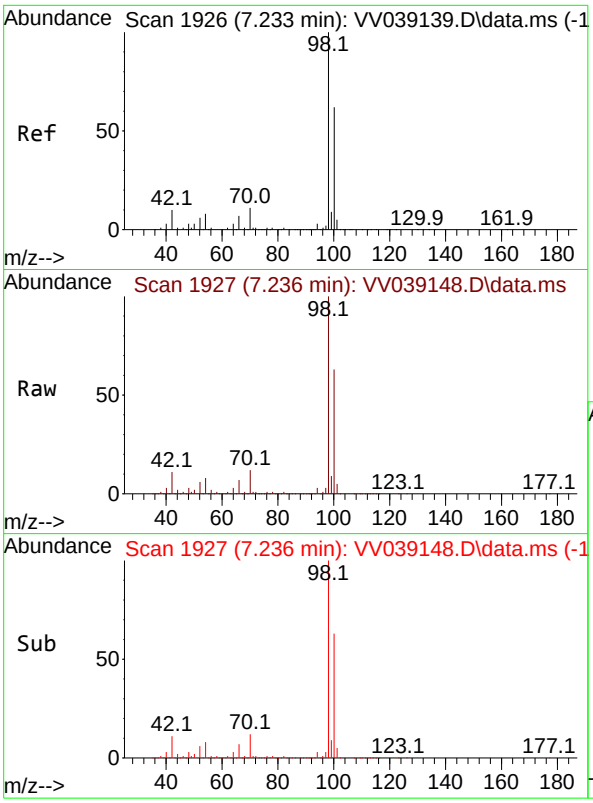


#35
Dibromofluoromethane
Concen: 54.568 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion:113 Resp: 376781

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	16.6	13.8	20.8



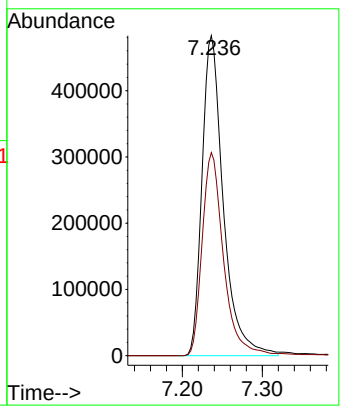


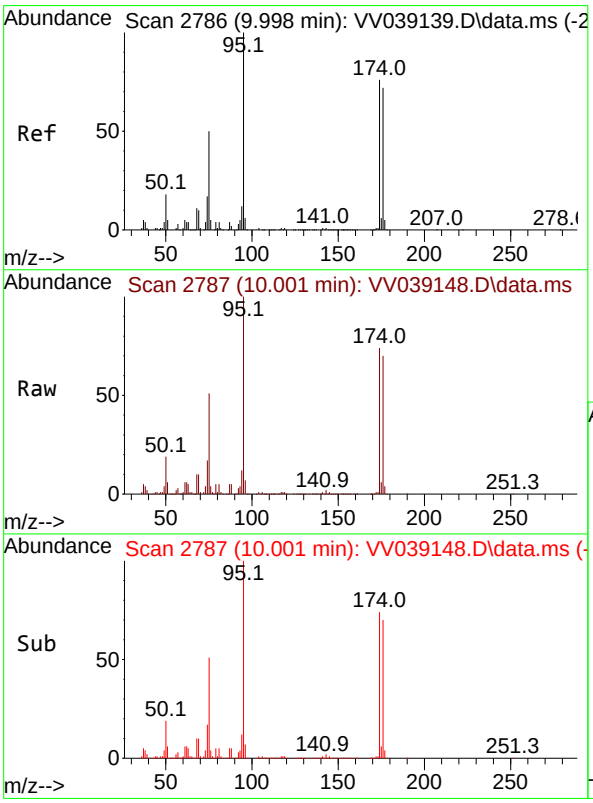
#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion: 98 Resp: 894968

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.2

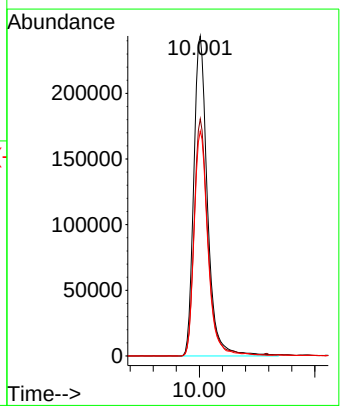


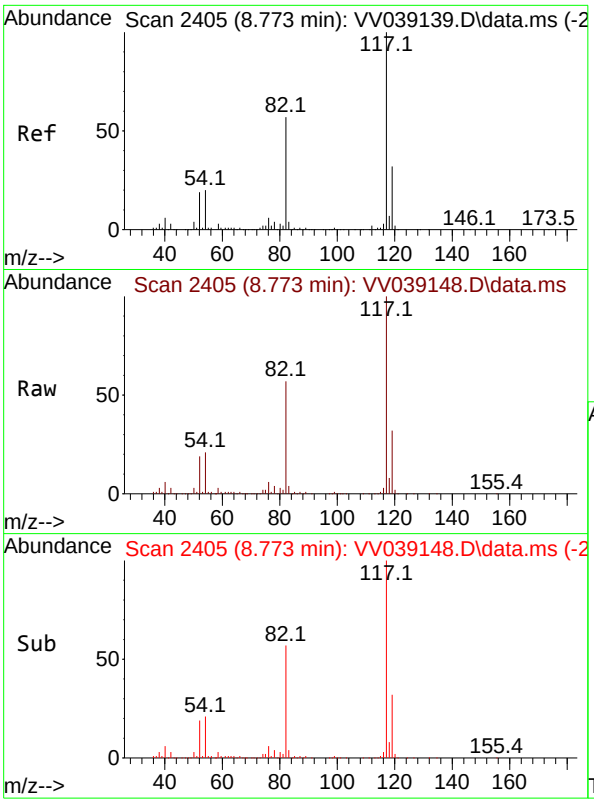


#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 95 Resp: 400947

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	70.4	0.0	144.2



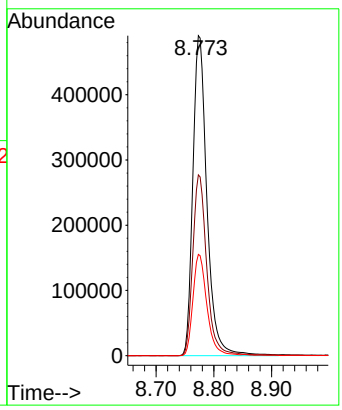


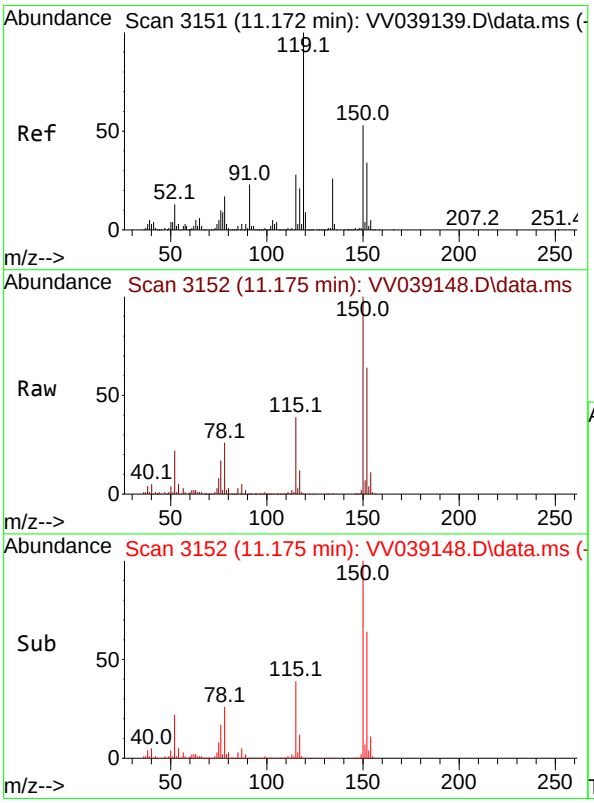
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:117 Resp: 831675

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	31.7	25.6	38.4

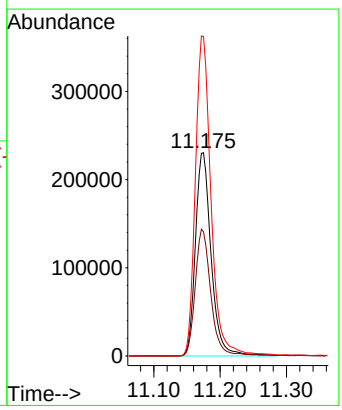




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion:152 Resp: 379013

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.8	134.4
150	157.4	0.0	353.8



Sample Results: **VV039148.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.426	111	120	130	rBV5	16630	35090	1.38%	0.230%
2	2.455	433	440	451	rVB4	18087	31588	1.24%	0.207%
3	4.497	1057	1075	1094	rBV2	450386	1192254	46.76%	7.800%
4	4.596	1094	1106	1145	rVB2	557832	1545205	60.61%	10.110%
5	4.937	1195	1212	1245	rBV	467561	1171324	45.94%	7.664%
6	5.532	1383	1397	1433	rBV	882266	2082399	81.67%	13.624%
7	7.236	1915	1927	1952	rBV	1260224	2372338	93.05%	15.521%
8	8.773	2395	2405	2443	rBV	1482069	2549623	100.00%	16.681%
9	10.001	2776	2787	2809	rBV	1194118	1970915	77.30%	12.895%
10	11.172	3140	3151	3175	rBV	1430252	2333631	91.53%	15.268%

Sum of corrected areas: 15284367

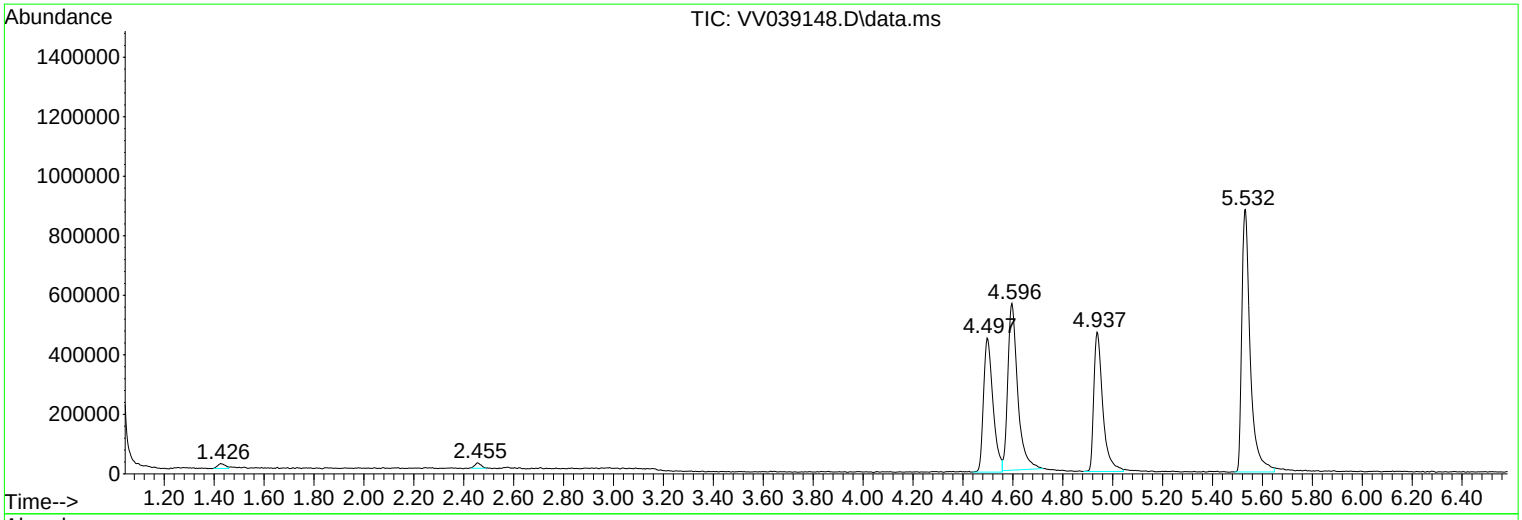
Sample Results: **VV039148.D**

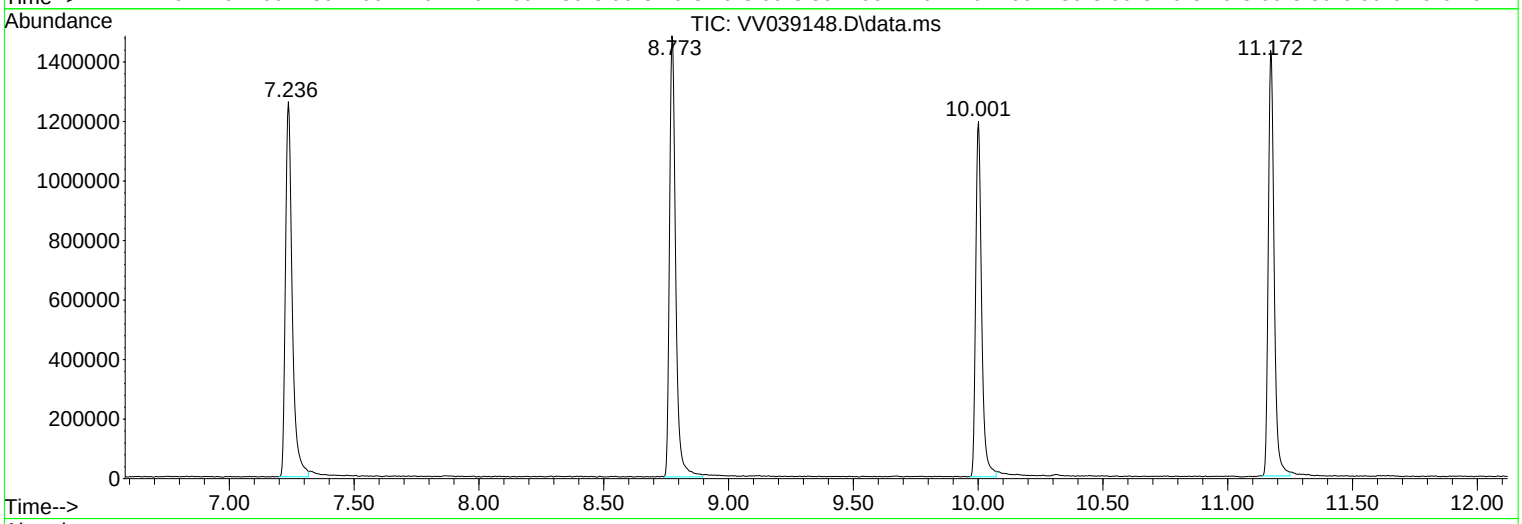
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

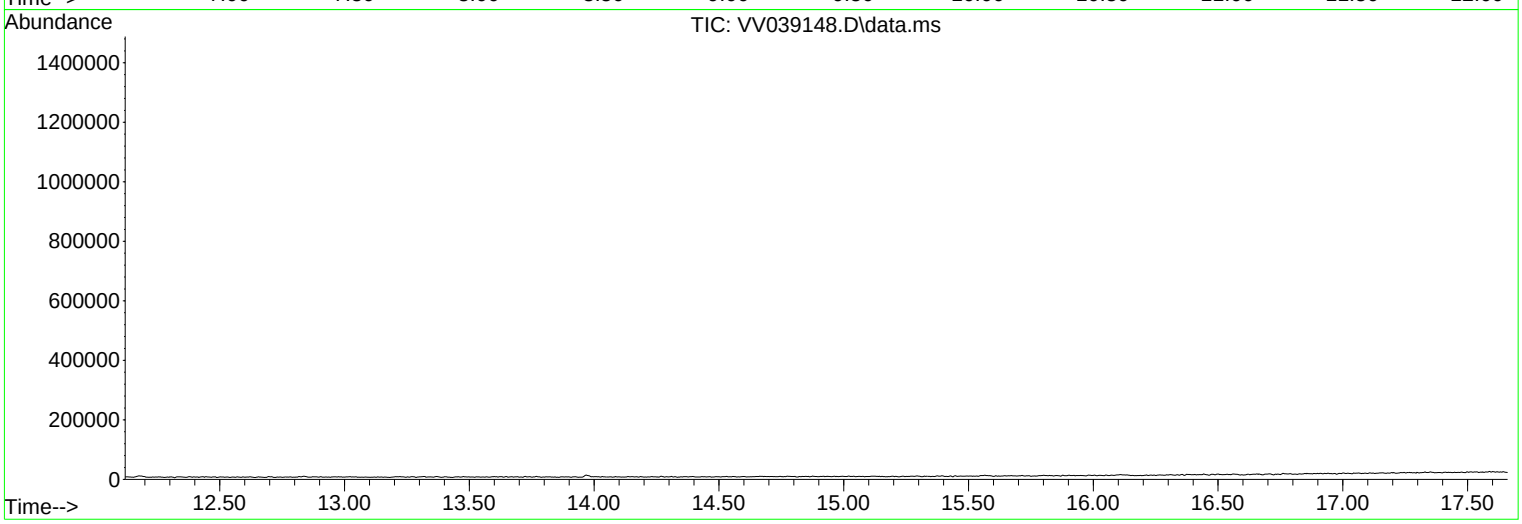
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Quant Time: Sep 26 01:20:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

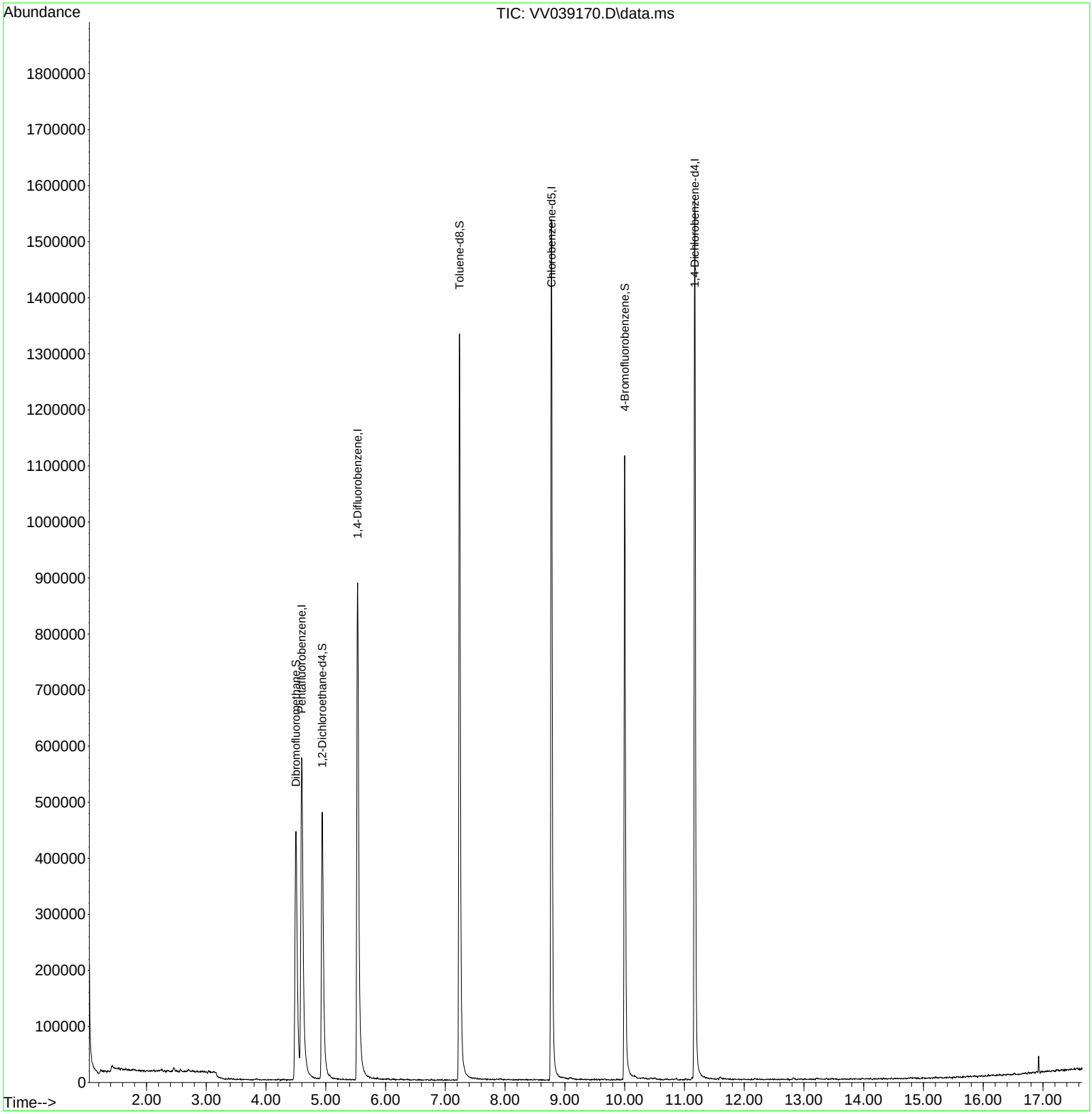
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	480047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	864912	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	870930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	413592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	417535	60.097	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.200%#			
35) Dibromofluoromethane	4.500	113	370419	53.273	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.540%			
50) Toluene-d8	7.236	98	965988	47.302	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.600%			
62) 4-Bromofluorobenzene	10.001	95	371030	44.133	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.260%			
Target Compounds						Qvalue

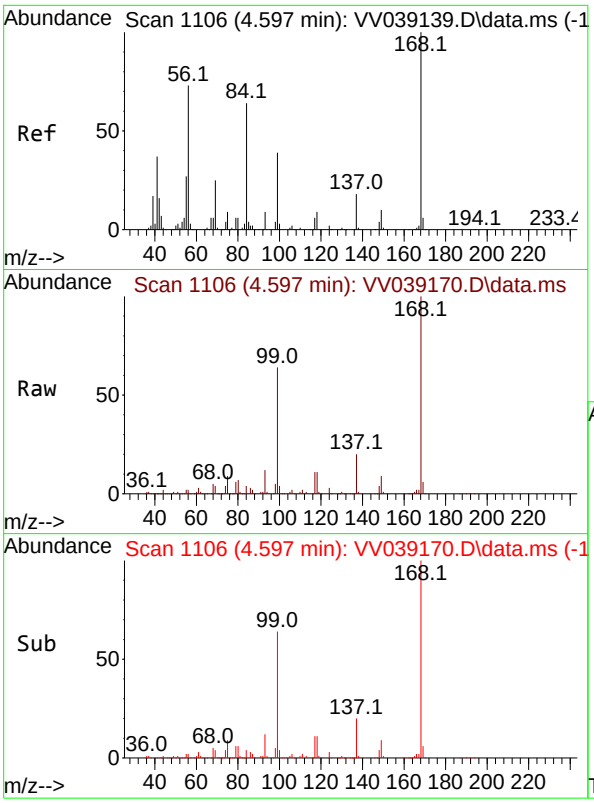
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Quant Time: Sep 26 01:20:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



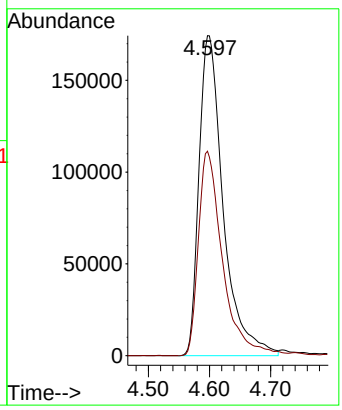


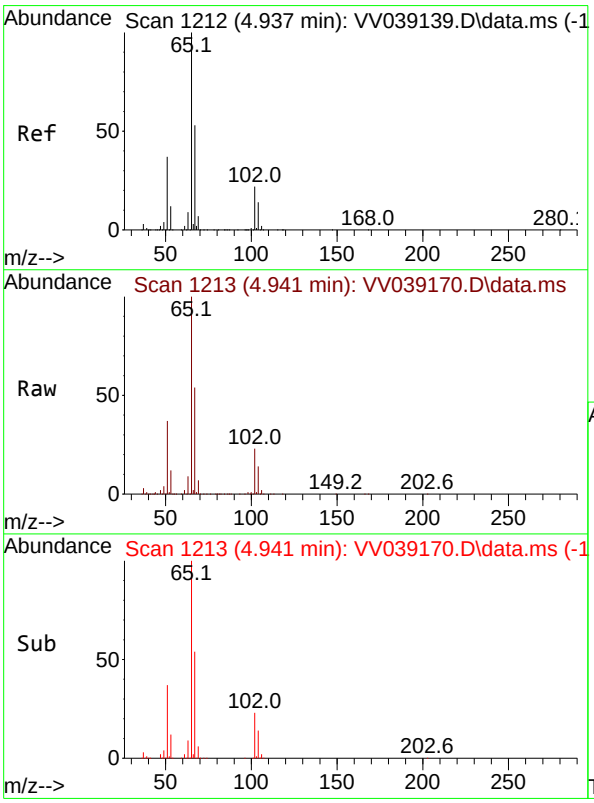
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Tgt Ion:168 Resp: 480047

Ion	Ratio	Lower	Upper
168	100		
99	63.9	49.6	74.4

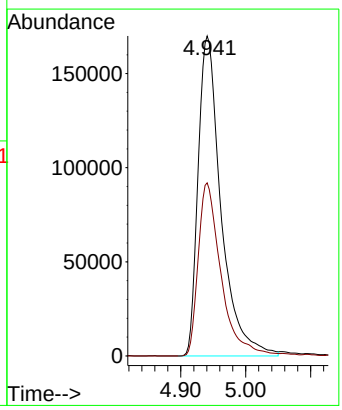


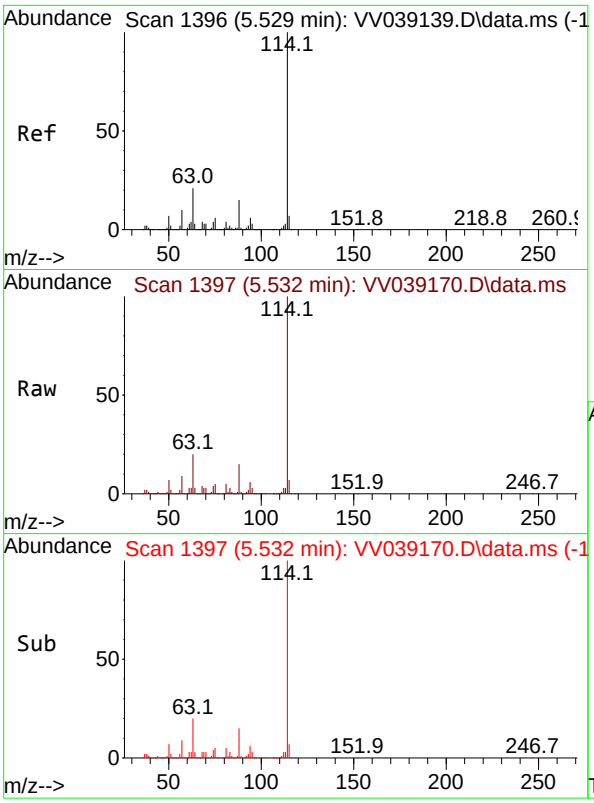


#33
1,2-Dichloroethane-d4
Concen: 60.097 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 65 Resp: 417535

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.0



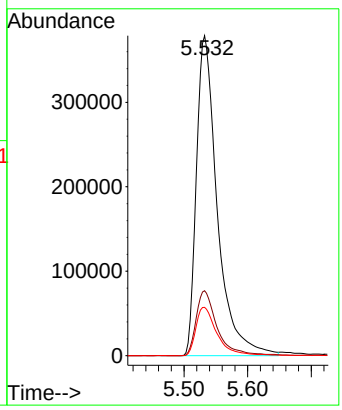


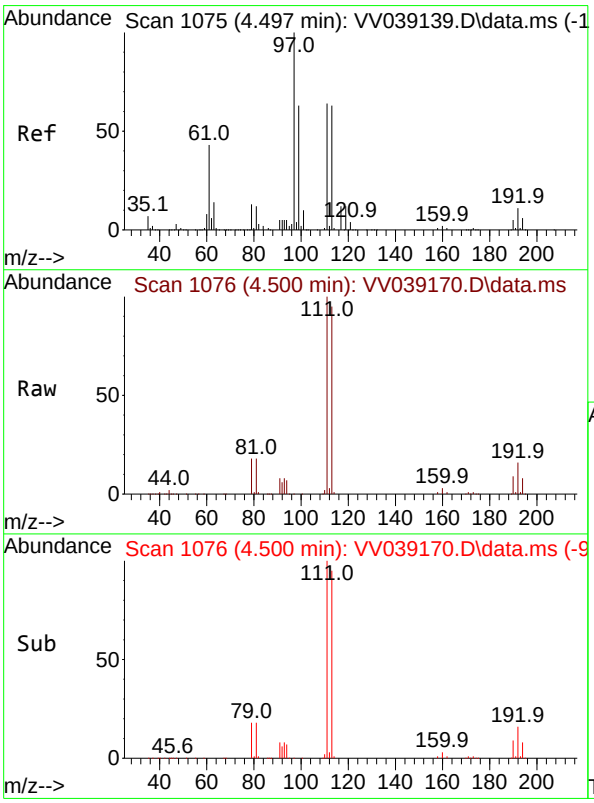
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Tgt Ion:114 Resp: 864912

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.1	0.0	30.8

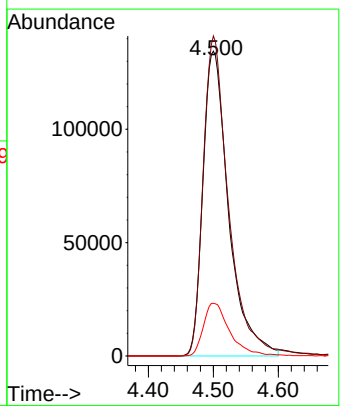


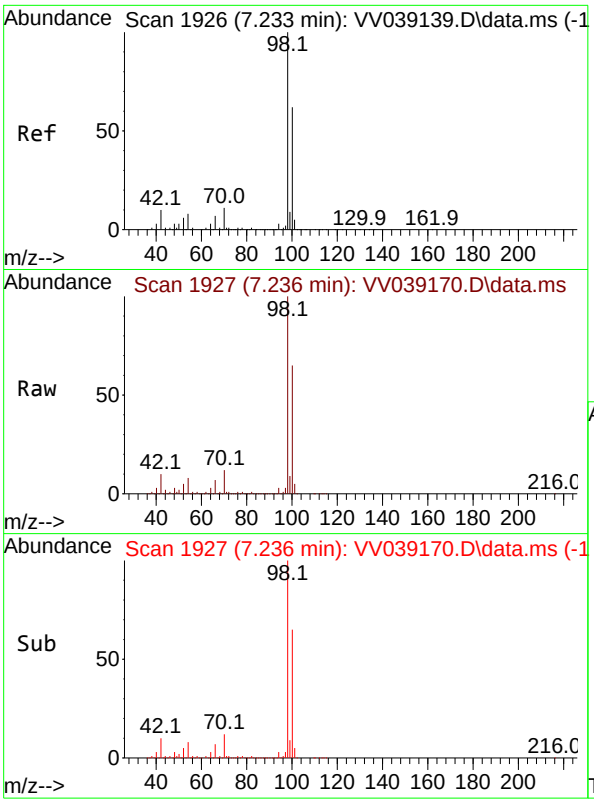


#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion:113 Resp: 370419

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	17.8	13.8	20.8



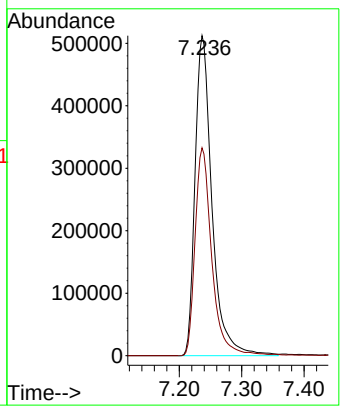


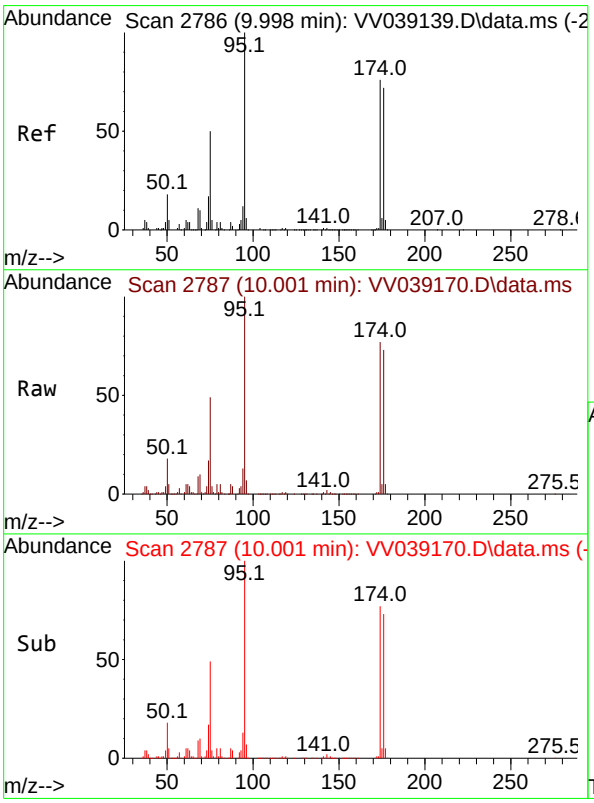
#50
Toluene-d8
Concen: 47.302 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Tgt Ion: 98 Resp: 965988

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

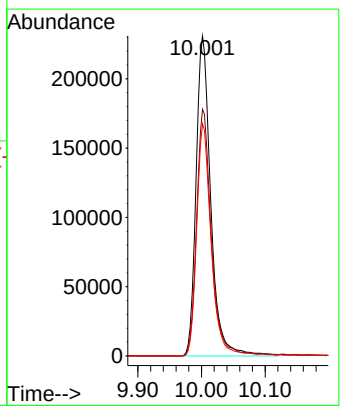


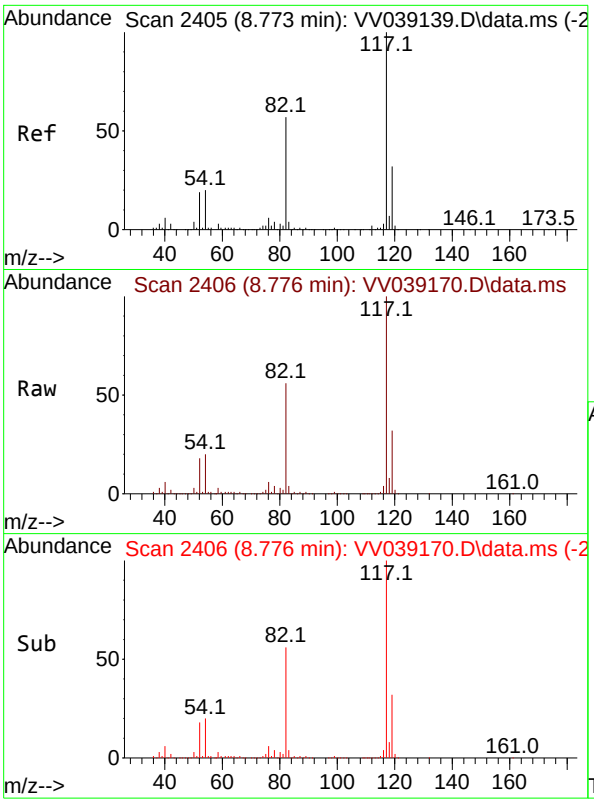


#62
4-Bromofluorobenzene
Concen: 44.133 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 95 Resp: 371030

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.4
176	71.4	0.0	144.2



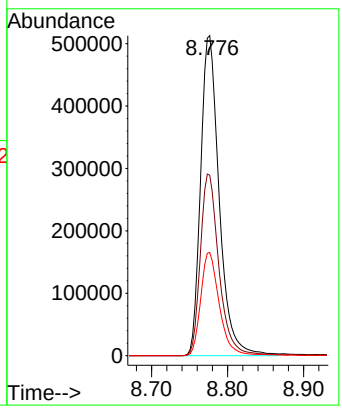


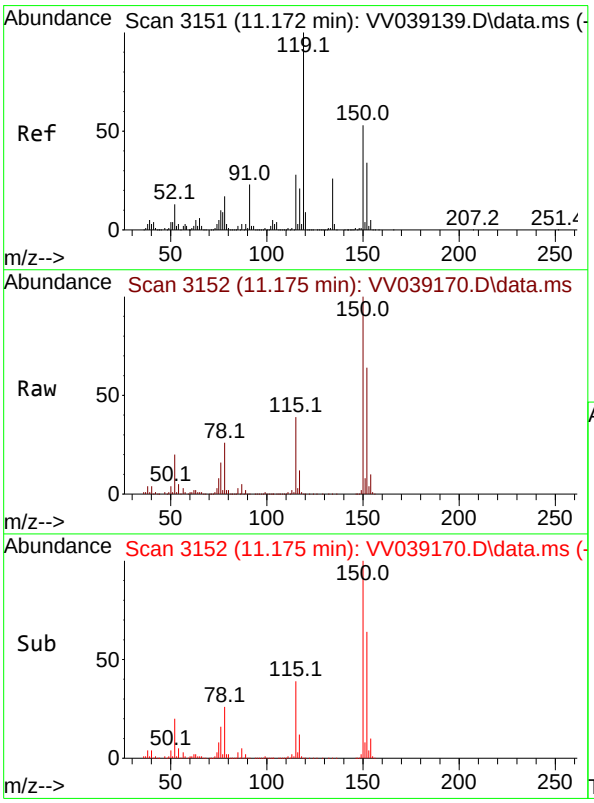
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Tgt Ion:117 Resp: 870930

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.2
119	32.3	25.6	38.4

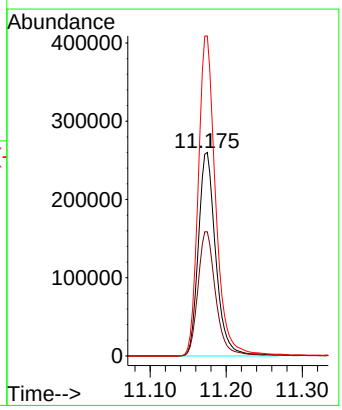




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion:152 Resp: 413592

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.8	134.4
150	158.0	0.0	353.8



Sample Results: **VV039170.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.500	1060	1076	1095	rBV	443480	1175595	44.03%	7.554%
2	4.597	1095	1106	1148	rVB	568175	1566147	58.66%	10.064%
3	4.941	1200	1213	1243	rBV	475406	1163011	43.56%	7.473%
4	5.532	1383	1397	1436	rBV	887588	2082143	77.99%	13.379%
5	7.236	1916	1927	1970	rBV	1332205	2555376	95.72%	16.420%
6	8.773	2395	2405	2437	rBV	1535667	2669706	100.00%	17.155%
7	10.001	2776	2787	2816	rBV	1114083	1822624	68.27%	11.712%
8	11.172	3140	3151	3183	rBV	1569081	2527734	94.68%	16.243%

Sum of corrected areas: 15562336

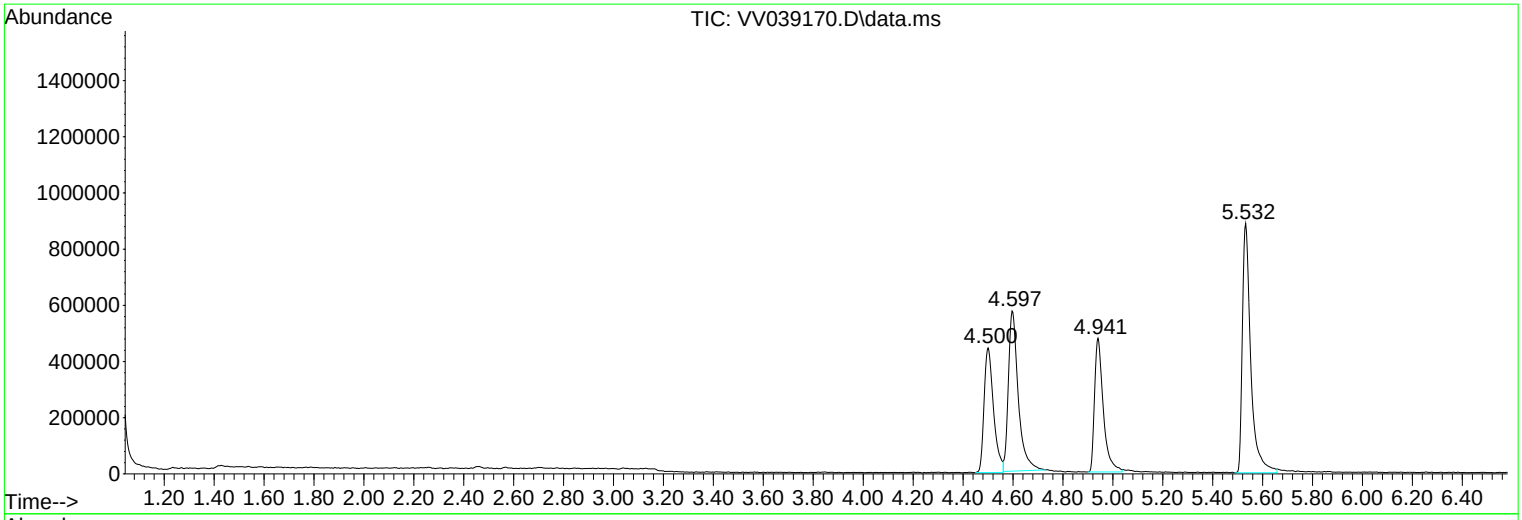
Sample Results: **VV039170.D**

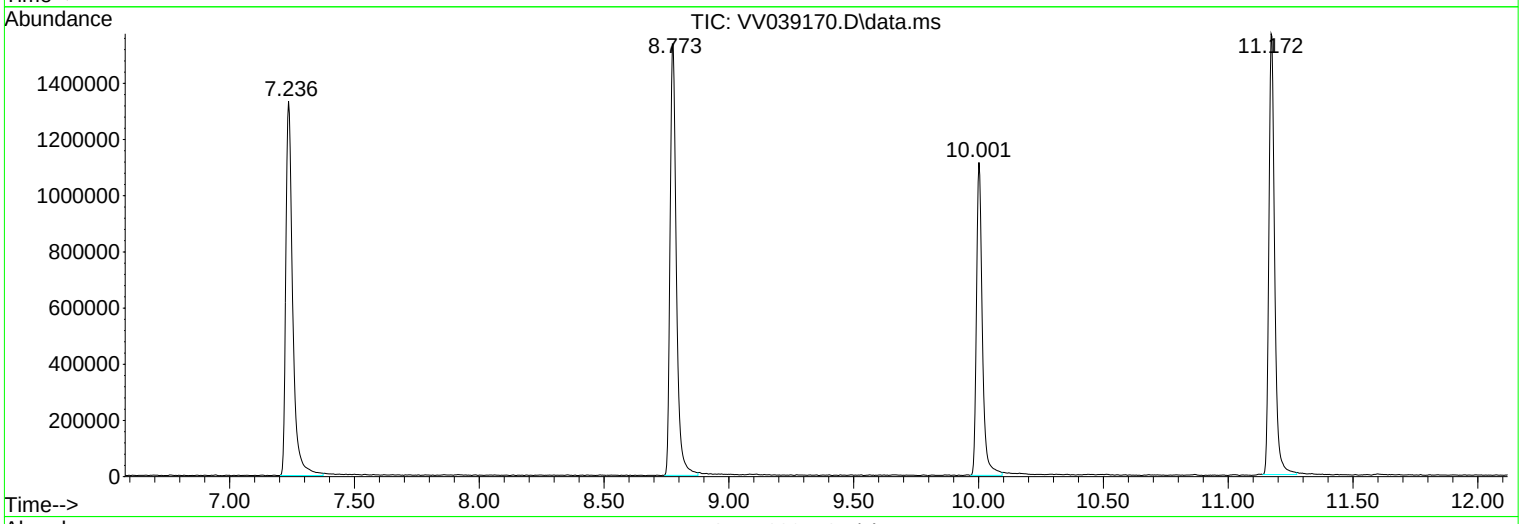
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

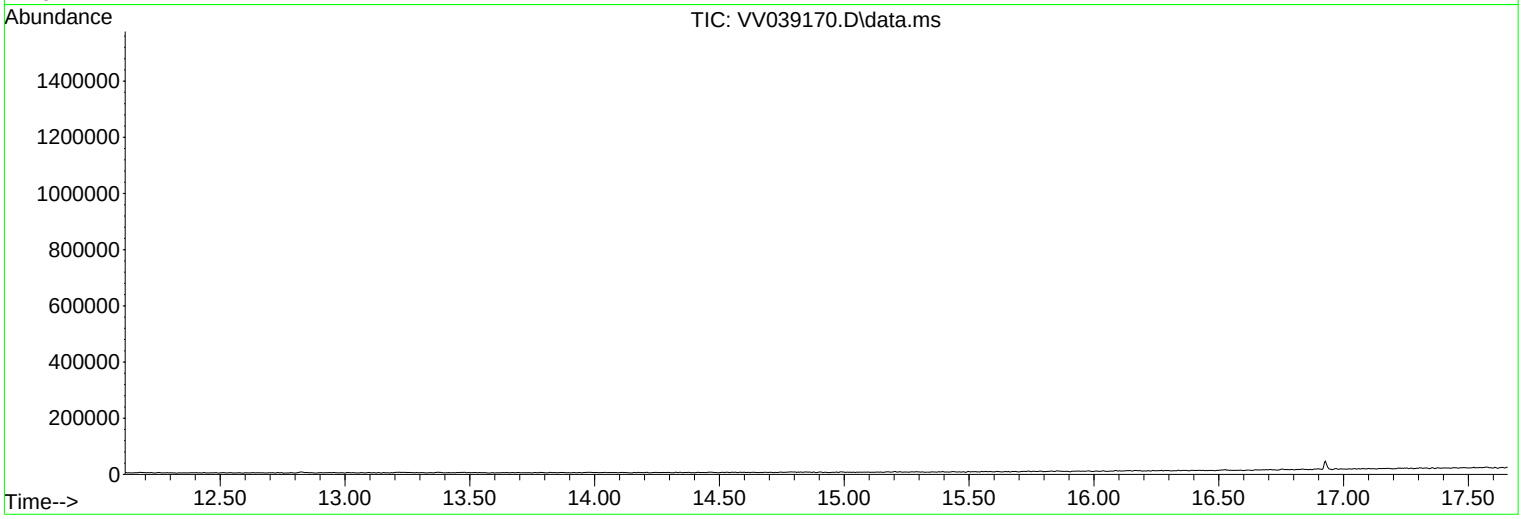
Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	492318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	795602	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	784865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	349518	49.053	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.100%			
35) Dibromofluoromethane	4.500	113	319944	50.023	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.040%			
50) Toluene-d8	7.236	98	929285	49.469	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	10.002	95	402187	52.007	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 104.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	148756	19.087	ug/l	99
3) Chloromethane	1.230	50	159926	19.115	ug/l	98
4) Vinyl Chloride	1.298	62	173519	19.373	ug/l	100
5) Bromomethane	1.497	94	117993	20.897	ug/l	100
6) Chloroethane	1.561	64	117810	21.073	ug/l	99
7) Trichlorofluoromethane	1.725	101	259123	19.982	ug/l	99
8) Diethyl Ether	1.918	74	101938	21.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	151673	19.657	ug/l	99
10) Methyl Iodide	2.198	142	155103	21.109	ug/l	98
11) Tert butyl alcohol	2.568	59	166515	110.571	ug/l	99
12) 1,1-Dichloroethene	2.082	96	148258	19.973	ug/l	96
13) Acrolein	2.011	56	30535	116.851	ug/l	97
14) Allyl chloride	2.359	41	270301	20.386	ug/l	98
15) Acrylonitrile	2.674	53	510399	105.726	ug/l	100
16) Acetone	2.118	43	500511	107.135	ug/l	98
17) Carbon Disulfide	2.253	76	445608	19.629	ug/l	99
18) Methyl Acetate	2.381	43	236287	22.381	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	494520	20.907	ug/l	96
20) Methylene Chloride	2.458	84	185787	22.678	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	155320	19.655	ug/l	98
22) Diisopropyl ether	3.217	45	514292	20.273	ug/l	85
23) Vinyl Acetate	3.192	43	2297382	103.522	ug/l	100
24) 1,1-Dichloroethane	3.118	63	304665	19.638	ug/l	99
25) 2-Butanone	3.870	43	603602	105.789	ug/l	98
26) 2,2-Dichloropropane	3.812	77	246178	17.897	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	170071	19.514	ug/l	100
28) Bromochloromethane	4.146	49	138833	20.271	ug/l	96
29) Tetrahydrofuran	4.240	42	389964	109.192	ug/l	100
30) Chloroform	4.278	83	322270	19.894	ug/l	99
31) Cyclohexane	4.584	56	238107	18.736	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	279806	19.951	ug/l	97
36) 1,1-Dichloropropene	4.745	75	187909	19.432	ug/l	98
37) Ethyl Acetate	3.982	43	243790	20.776	ug/l #	92
38) Carbon Tetrachloride	4.735	117	232933	19.709	ug/l	100
39) Methylcyclohexane	6.047	83	228816	19.594	ug/l	96
40) Benzene	5.011	78	633991	20.134	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	96391	19.385	ug/l		93
42) 1,2-Dichloroethane	5.040	62	228142	20.677	ug/l		99
43) Isopropyl Acetate	5.195	43	337530	21.097	ug/l		99
44) Trichloroethene	5.831	130	147483	20.297	ug/l		99
45) 1,2-Dichloropropane	6.092	63	163901	20.941	ug/l		96
46) Dibromomethane	6.227	93	126157	21.059	ug/l		99
47) Bromodichloromethane	6.426	83	254692	20.565	ug/l		99
48) Methyl methacrylate	6.301	41	145228	20.025	ug/l		98
49) 1,4-Dioxane	6.294	88	46282	395.445	ug/l		91
51) 4-Methyl-2-Pentanone	7.150	43	1236058	117.436	ug/l		98
52) Toluene	7.310	92	398034	21.801	ug/l		99
53) t-1,3-Dichloropropene	7.577	75	233157	21.603	ug/l		96
54) cis-1,3-Dichloropropene	6.950	75	256176	21.501	ug/l		96
55) 1,1,2-Trichloroethane	7.764	97	171861	20.993	ug/l		97
56) Ethyl methacrylate	7.719	69	198833	20.452	ug/l		100
57) 1,3-Dichloropropane	7.934	76	277597	21.486	ug/l		97
58) 2-Chloroethyl Vinyl ether	6.815	63	517964	100.347	ug/l		99
59) 2-Hexanone	8.066	43	894828	106.669	ug/l		98
60) Dibromochloromethane	8.166	129	191297	20.508	ug/l		99
61) 1,2-Dibromoethane	8.275	107	179580	21.450	ug/l		99
64) Tetrachloroethene	7.899	164	132876	20.213	ug/l		98
65) Chlorobenzene	8.805	112	432358	19.777	ug/l		97
66) 1,1,1,2-Tetrachloroethane	8.899	131	156609	19.826	ug/l		100
67) Ethyl Benzene	8.937	91	658467	19.898	ug/l		100
68) m/p-Xylenes	9.063	106	551462	43.176	ug/l		99
69) o-Xylene	9.468	106	230630	20.393	ug/l		98
70) Styrene	9.487	104	431651	18.940	ug/l		98
71) Bromoform	9.654	173	131945	21.384	ug/l	#	98
73) Isopropylbenzene	9.857	105	671517	19.761	ug/l		100
74) N-amyl acetate	9.725	43	283249	20.897	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.166	83	286264	19.226	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	206903	19.396	ug/l		100
77) Bromobenzene	10.140	156	173461	19.674	ug/l		99
78) n-propylbenzene	10.278	91	836225	20.207	ug/l		100
79) 2-Chlorotoluene	10.349	91	511892	20.673	ug/l		98
80) 1,3,5-Trimethylbenzene	10.465	105	583511	20.659	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.931	75	86872	19.550	ug/l		99
82) 4-Chlorotoluene	10.465	91	594451	20.703	ug/l		100
83) tert-Butylbenzene	10.789	119	525337	18.652	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	564955	20.602	ug/l		100
85) sec-Butylbenzene	11.014	105	728021	19.488	ug/l		100
86) p-Isopropyltoluene	11.169	119	612071	19.685	ug/l		100
87) 1,3-Dichlorobenzene	11.108	146	349017	19.560	ug/l		100
88) 1,4-Dichlorobenzene	11.198	146	375846	19.199	ug/l		99
89) n-Butylbenzene	11.580	91	577604	19.451	ug/l		98
90) Hexachloroethane	11.821	117	135944	17.755	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	316105	18.962	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56358	21.271	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	178967	18.728	ug/l		99
94) Hexachlorobutadiene	13.368	225	89231	17.970	ug/l		99
95) Naphthalene	13.426	128	578144	18.718	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	187044	19.137	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

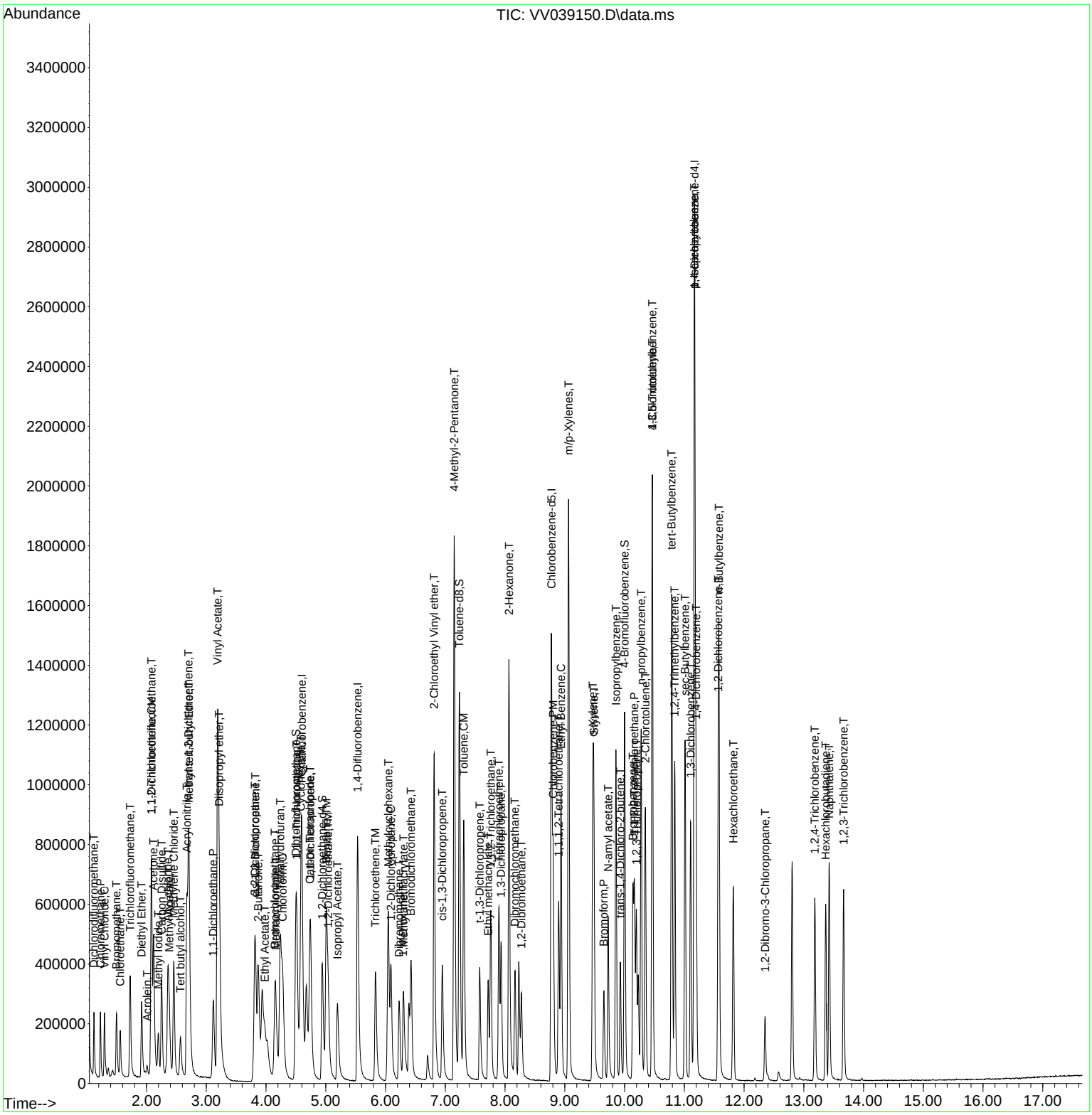
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039171.D
Acq On : 25 Sep 2025 11:24
Operator : SY/MD
Sample : VV0925WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	557017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	898902	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	871912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	508947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	363796	45.127	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 90.260%			
35) Dibromofluoromethane	4.500	113	345732	47.843	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.680%			
50) Toluene-d8	7.236	98	1017460	47.939	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.880%			
62) 4-Bromofluorobenzene	10.001	95	447073	51.168	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 102.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	160404	18.191	ug/l	99
3) Chloromethane	1.230	50	180629	19.082	ug/l	99
4) Vinyl Chloride	1.298	62	196152	19.356	ug/l	99
5) Bromomethane	1.497	94	119487	18.704	ug/l	98
6) Chloroethane	1.561	64	122694	19.279	ug/l	97
7) Trichlorofluoromethane	1.725	101	284580	19.396	ug/l	98
8) Diethyl Ether	1.918	74	106026	19.466	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	174658	20.007	ug/l	97
10) Methyl Iodide	2.198	142	135972	16.356	ug/l	99
11) Tert butyl alcohol	2.571	59	187721	110.174	ug/l	99
12) 1,1-Dichloroethene	2.082	96	166976	19.882	ug/l	98
13) Acrolein	2.011	56	34025	115.083	ug/l	98
14) Allyl chloride	2.359	41	286242	19.080	ug/l	98
15) Acrylonitrile	2.677	53	538540	98.597	ug/l	100
16) Acetone	2.121	43	476447	89.017	ug/l	97
17) Carbon Disulfide	2.253	76	487416	18.977	ug/l	99
18) Methyl Acetate	2.381	43	252836	21.167	ug/l	98
19) Methyl tert-butyl Ether	2.716	73	535106	19.995	ug/l	99
20) Methylene Chloride	2.458	84	192332	20.555	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	176159	19.703	ug/l	96
22) Diisopropyl ether	3.220	45	549959	19.161	ug/l	99
23) Vinyl Acetate	3.191	43	2415006	96.182	ug/l	98
24) 1,1-Dichloroethane	3.117	63	339160	19.322	ug/l	98
25) 2-Butanone	3.873	43	626977	97.122	ug/l	99
26) 2,2-Dichloropropane	3.812	77	266277	17.109	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	191963	19.468	ug/l	98
28) Bromochloromethane	4.150	49	158654	20.475	ug/l	97
29) Tetrahydrofuran	4.240	42	407358	100.814	ug/l	98
30) Chloroform	4.281	83	352541	19.234	ug/l	97
31) Cyclohexane	4.587	56	262018	18.223	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	301922	19.027	ug/l	98
36) 1,1-Dichloropropene	4.744	75	210259	19.244	ug/l	98
37) Ethyl Acetate	3.986	43	249892	18.849	ug/l	99
38) Carbon Tetrachloride	4.735	117	258780	19.380	ug/l	96
39) Methylcyclohexane	6.047	83	253234	19.193	ug/l	98
40) Benzene	5.011	78	706824	19.867	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039171.D
Acq On : 25 Sep 2025 11:24
Operator : SY/MD
Sample : VV0925WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	101017	18.119	ug/l		92
42) 1,2-Dichloroethane	5.043	62	243861	19.562	ug/l		99
43) Isopropyl Acetate	5.198	43	354785	19.627	ug/l		99
44) Trichloroethene	5.834	130	167082	20.352	ug/l		99
45) 1,2-Dichloropropane	6.092	63	181382	20.511	ug/l		96
46) Dibromomethane	6.227	93	135579	20.031	ug/l		98
47) Bromodichloromethane	6.429	83	269985	19.295	ug/l		100
48) Methyl methacrylate	6.301	41	154615	18.869	ug/l		97
49) 1,4-Dioxane	6.294	88	55817	422.109	ug/l		98
51) 4-Methyl-2-Pentanone	7.149	43	1295291	108.921	ug/l		99
52) Toluene	7.310	92	442966	21.474	ug/l		98
53) t-1,3-Dichloropropene	7.577	75	244520	20.052	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	272587	20.249	ug/l		98
55) 1,1,2-Trichloroethane	7.764	97	184964	19.997	ug/l		95
56) Ethyl methacrylate	7.719	69	220741	20.096	ug/l		97
57) 1,3-Dichloropropane	7.937	76	293432	20.102	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.815	63	541689	93.599	ug/l		99
59) 2-Hexanone	8.066	43	942254	99.572	ug/l		99
60) Dibromochloromethane	8.169	129	212792	20.190	ug/l		100
61) 1,2-Dibromoethane	8.275	107	195149	20.631	ug/l		99
64) Tetrachloroethene	7.899	164	147205	20.157	ug/l		95
65) Chlorobenzene	8.805	112	488359	20.108	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.899	131	174648	19.902	ug/l		100
67) Ethyl Benzene	8.937	91	736424	20.032	ug/l		99
68) m/p-Xylenes	9.063	106	611502	43.097	ug/l		100
69) o-Xylene	9.468	106	263271	20.955	ug/l		99
70) Styrene	9.487	104	489732	19.311	ug/l		99
71) Bromoform	9.654	173	140287	20.466	ug/l	#	98
73) Isopropylbenzene	9.857	105	759505	20.575	ug/l		100
74) N-amyl acetate	9.725	43	297254	20.188	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	313809	19.402	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	227880	19.665	ug/l		98
77) Bromobenzene	10.143	156	194148	20.272	ug/l		97
78) n-propylbenzene	10.278	91	917928	20.420	ug/l		99
79) 2-Chlorotoluene	10.349	91	569887	21.187	ug/l		98
80) 1,3,5-Trimethylbenzene	10.464	105	649406	21.165	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.931	75	93631	19.398	ug/l		98
82) 4-Chlorotoluene	10.464	91	658860	21.124	ug/l		100
83) tert-Butylbenzene	10.789	119	599275	19.587	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	634517	21.301	ug/l		100
85) sec-Butylbenzene	11.014	105	814764	20.078	ug/l		99
86) p-Isopropyltoluene	11.169	119	692579	20.505	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	380476	19.629	ug/l		100
88) 1,4-Dichlorobenzene	11.198	146	400938	18.854	ug/l		99
89) n-Butylbenzene	11.580	91	629906	19.528	ug/l		98
90) Hexachloroethane	11.821	117	153004	18.396	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	359391	19.846	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	63577	22.105	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	198844	19.155	ug/l		98
94) Hexachlorobutadiene	13.368	225	100713	18.672	ug/l		99
95) Naphthalene	13.426	128	654241	19.499	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	210809	19.856	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039171.D
Acq On : 25 Sep 2025 11:24
Operator : SY/MD
Sample : VV0925WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

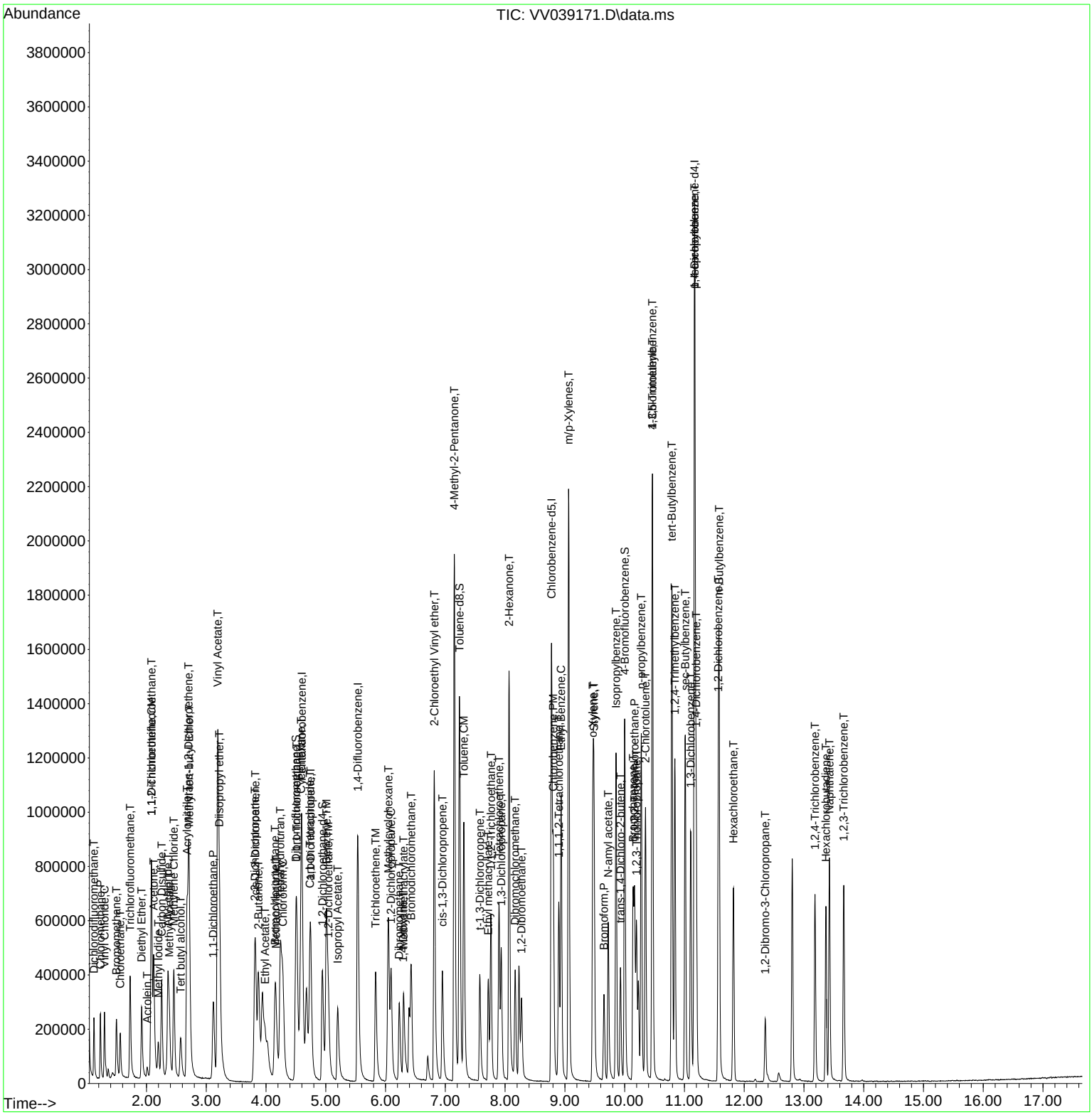
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039171.D
Acq On : 25 Sep 2025 11:24
Operator : SY/MD
Sample : VV0925WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	545364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	903558	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	885424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	510716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	390603	49.487	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.980%			
35) Dibromofluoromethane	4.503	113	363843	50.089	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.180%			
50) Toluene-d8	7.236	98	1080761	50.659	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.320%			
62) 4-Bromofluorobenzene	10.001	95	483167	55.014	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 110.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	156320	18.107	ug/l	98
3) Chloromethane	1.230	50	168337	18.164	ug/l	100
4) Vinyl Chloride	1.298	62	180006	18.142	ug/l	99
5) Bromomethane	1.497	94	91963	14.703	ug/l	99
6) Chloroethane	1.561	64	124416	20.020	ug/l	100
7) Trichlorofluoromethane	1.725	101	271403	18.893	ug/l	99
8) Diethyl Ether	1.918	74	98678	18.504	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	162784	19.045	ug/l	98
10) Methyl Iodide	2.198	142	97066	11.925	ug/l	99
11) Tert butyl alcohol	2.568	59	177476	106.387	ug/l	97
12) 1,1-Dichloroethene	2.082	96	159305	19.374	ug/l	92
13) Acrolein	2.011	56	32659	112.823	ug/l	95
14) Allyl chloride	2.359	41	262106	17.845	ug/l	98
15) Acrylonitrile	2.677	53	500749	93.637	ug/l	99
16) Acetone	2.121	43	420916	79.697	ug/l	98
17) Carbon Disulfide	2.253	76	461436	18.349	ug/l	99
18) Methyl Acetate	2.381	43	235110	20.104	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	506464	19.329	ug/l	99
20) Methylene Chloride	2.458	84	191133	20.897	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	163017	18.623	ug/l	99
22) Diisopropyl ether	3.217	45	524404	18.661	ug/l	84
23) Vinyl Acetate	3.191	43	2227046	90.591	ug/l	99
24) 1,1-Dichloroethane	3.117	63	311443	18.122	ug/l	99
25) 2-Butanone	3.873	43	581279	91.967	ug/l	99
26) 2,2-Dichloropropane	3.812	77	223757	14.684	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	181034	18.752	ug/l	99
28) Bromochloromethane	4.150	49	145773	19.214	ug/l	95
29) Tetrahydrofuran	4.243	42	385403	97.419	ug/l	99
30) Chloroform	4.278	83	330400	18.412	ug/l	97
31) Cyclohexane	4.584	56	258917	18.392	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	285397	18.370	ug/l	98
36) 1,1-Dichloropropene	4.748	75	205485	18.711	ug/l	98
37) Ethyl Acetate	3.982	43	238455	17.894	ug/l	98
38) Carbon Tetrachloride	4.735	117	243831	18.166	ug/l	98
39) Methylcyclohexane	6.050	83	241644	18.220	ug/l	97
40) Benzene	5.011	78	673840	18.842	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	96133	17.256	ug/l		93
42) 1,2-Dichloroethane	5.043	62	232378	18.545	ug/l		100
43) Isopropyl Acetate	5.198	43	339665	18.694	ug/l		99
44) Trichloroethene	5.831	130	158174	19.167	ug/l		100
45) 1,2-Dichloropropane	6.092	63	172229	19.376	ug/l		97
46) Dibromomethane	6.230	93	128940	18.952	ug/l		97
47) Bromodichloromethane	6.429	83	257271	18.292	ug/l		97
48) Methyl methacrylate	6.301	41	148719	18.056	ug/l		99
49) 1,4-Dioxane	6.297	88	52205	392.759	ug/l		94
51) 4-Methyl-2-Pentanone	7.149	43	1220207	102.079	ug/l		99
52) Toluene	7.310	92	415722	20.049	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	226898	18.511	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	259523	19.179	ug/l		98
55) 1,1,2-Trichloroethane	7.764	97	171629	18.460	ug/l		97
56) Ethyl methacrylate	7.719	69	204966	18.564	ug/l		98
57) 1,3-Dichloropropane	7.934	76	277934	18.942	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.815	63	486078	84.589	ug/l		99
59) 2-Hexanone	8.066	43	867936	91.441	ug/l		99
60) Dibromochloromethane	8.169	129	195919	18.494	ug/l		100
61) 1,2-Dibromoethane	8.275	107	183626	19.312	ug/l		99
64) Tetrachloroethene	7.899	164	146324	19.730	ug/l		98
65) Chlorobenzene	8.805	112	491329	19.922	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	162674	18.255	ug/l		100
67) Ethyl Benzene	8.937	91	716157	19.183	ug/l		99
68) m/p-Xylenes	9.063	106	582336	40.415	ug/l		99
69) o-Xylene	9.468	106	252664	19.804	ug/l		98
70) Styrene	9.487	104	457807	17.897	ug/l		99
71) Bromoform	9.654	173	131160	18.843	ug/l	#	99
73) Isopropylbenzene	9.857	105	724475	19.558	ug/l		99
74) N-amyl acetate	9.725	43	279661	18.927	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290148	17.877	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	219335	18.862	ug/l		100
77) Bromobenzene	10.140	156	183095	19.051	ug/l		97
78) n-propylbenzene	10.278	91	881210	19.535	ug/l		100
79) 2-Chlorotoluene	10.349	91	539084	19.972	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	620336	20.148	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.931	75	82955	17.126	ug/l		98
82) 4-Chlorotoluene	10.464	91	626744	20.025	ug/l		100
83) tert-Butylbenzene	10.789	119	563652	18.359	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	604069	20.209	ug/l		99
85) sec-Butylbenzene	11.014	105	783211	19.233	ug/l		100
86) p-Isopropyltoluene	11.165	119	661055	19.504	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	362792	18.652	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	381649	17.885	ug/l		98
89) n-Butylbenzene	11.580	91	608918	18.812	ug/l		98
90) Hexachloroethane	11.818	117	138165	16.554	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	335832	18.481	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	57082	19.730	ug/l		99
93) 1,2,4-Trichlorobenzene	13.185	180	191728	18.406	ug/l		100
94) Hexachlorobutadiene	13.368	225	91410	16.888	ug/l		99
95) Naphthalene	13.426	128	623030	18.505	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	199614	18.736	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

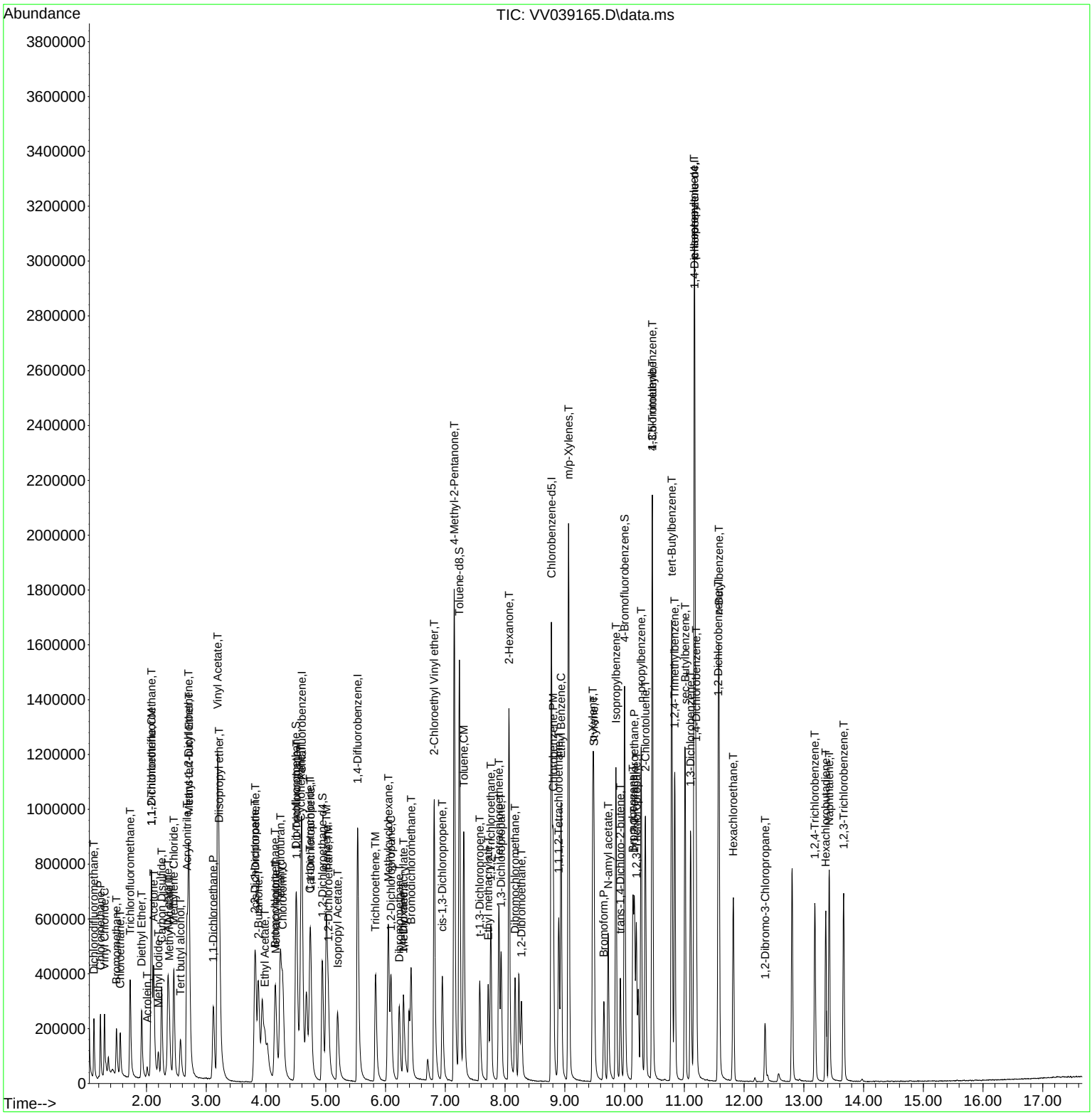
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VV039142.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:38:50 AM	SAM	9/26/2025 1:57:11 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,1-Dichloropropene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,4-Dichlorobenzene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,4-Dioxane	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	2,2-Dichloropropane	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	2-Butanone	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Carbon Tetrachloride	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Ethyl Acetate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Ethyl methacrylate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Isopropyl Acetate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Methacrylonitrile	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Methyl methacrylate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Naphthalene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VV039144.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:38:55 AM	SAM	9/26/2025 1:57:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VV092425	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3175-01	VV039153.D	1,2,4-Trimethylbenzene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	1,3,5-Trimethylbenzene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	Ethyl Benzene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	m/p-Xylenes	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	n-Butylbenzene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	n-propylbenzene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	Naphthalene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-01	VV039153.D	p-Isopropyltoluene	MMdadoda	9/29/2025 12:51:06 AM	sam	9/29/2025 1:03:18 AM	Peak Integrated by Software
Q3175-02	VV039154.D	1,2,4-Trimethylbenzene	MMDadoda	9/26/2025 1:44:44 AM	SAM	9/26/2025 2:03:19 AM	Peak Integrated by Software
Q3175-02	VV039154.D	Benzene	MMDadoda	9/26/2025 1:44:44 AM	SAM	9/26/2025 2:03:19 AM	Peak Integrated by Software
Q3175-02	VV039154.D	Ethyl Benzene	MMDadoda	9/26/2025 1:44:44 AM	SAM	9/26/2025 2:03:19 AM	Peak Integrated by Software
Q3175-02	VV039154.D	m/p-Xylenes	MMDadoda	9/26/2025 1:44:44 AM	SAM	9/26/2025 2:03:19 AM	Peak Integrated by Software
Q3175-02	VV039154.D	n-Butylbenzene	MMDadoda	9/26/2025 1:44:44 AM	SAM	9/26/2025 2:03:19 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VV092425	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VV092525	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3175-01DL	VV039174.D	n-Butylbenzene	MMdadoda	9/29/2025 12:54:28 AM	sam	9/29/2025 1:07:56 AM	Peak Integrated by Software
Q3175-01DL	VV039174.D	p-Isopropyltoluene	MMdadoda	9/29/2025 12:54:28 AM	sam	9/29/2025 1:07:56 AM	Peak Integrated by Software
Q3175-02DL	VV039175.D	n-Butylbenzene	MMdadoda	9/29/2025 12:54:39 AM	sam	9/29/2025 1:08:03 AM	Peak Integrated by Software
Q3175-02DL	VV039175.D	p-Isopropyltoluene	MMdadoda	9/29/2025 12:54:39 AM	sam	9/29/2025 1:08:03 AM	Peak Integrated by Software
Q3175-01DL2	VV039179.D	n-Butylbenzene	MMdadoda	9/29/2025 12:56:03 AM	sam	9/29/2025 1:08:19 AM	Peak Integrated by Software
Q3175-01DL2	VV039179.D	p-Isopropyltoluene	MMdadoda	9/29/2025 12:56:03 AM	sam	9/29/2025 1:08:19 AM	Peak Integrated by Software
Q3175-01DL2	VV039179.D	sec-Butylbenzene	MMdadoda	9/29/2025 12:56:03 AM	sam	9/29/2025 1:08:19 AM	Peak Integrated by Software

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

Review By	Mahesh Dadoda	Review On	9/26/2025 1:39:32 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 1:56:56 AM				
SubDirectory	VV092225	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135580
Initial Calibration Stds	VP135581,VP135582,VP135583,VP135584,VP135585,VP135586
CCC	
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039134.D	22 Sep 2025 10:15	SY/MD	Ok
2	VSTDICC001	VV039135.D	22 Sep 2025 10:59	SY/MD	Not Ok
3	VSTDICC005	VV039136.D	22 Sep 2025 11:30	SY/MD	Not Ok
4	VSTDICC010	VV039137.D	22 Sep 2025 12:26	SY/MD	Ok
5	VSTDICC020	VV039138.D	22 Sep 2025 12:48	SY/MD	Ok
6	VSTDICCC050	VV039139.D	22 Sep 2025 13:26	SY/MD	Ok
7	VSTDICC100	VV039140.D	22 Sep 2025 13:49	SY/MD	Ok
8	VIBLK	VV039141.D	22 Sep 2025 14:21	SY/MD	Ok
9	VSTDICC005	VV039142.D	22 Sep 2025 15:37	SY/MD	Ok,M
10	VSTDICC001	VV039143.D	22 Sep 2025 16:35	SY/MD	Ok,M
11	VSTDICV050	VV039144.D	22 Sep 2025 16:58	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM				
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039145.D	24 Sep 2025 09:52	SY/MD	Ok
2	VSTDCCC050	VV039146.D	24 Sep 2025 10:49	SY/MD	Ok
3	VV0924MBL01	VV039147.D	24 Sep 2025 12:08	SY/MD	Ok
4	VV0924WBL01	VV039148.D	24 Sep 2025 13:09	SY/MD	Ok
5	VV0924WBS01	VV039149.D	24 Sep 2025 13:37	SY/MD	Not Ok
6	VV0924WBS02	VV039150.D	24 Sep 2025 14:01	SY/MD	Ok
7	Q3173-02	VV039151.D	24 Sep 2025 14:46	SY/MD	Ok
8	Q3173-01	VV039152.D	24 Sep 2025 15:08	SY/MD	Ok
9	Q3175-01	VV039153.D	24 Sep 2025 15:31	SY/MD	Dilution
10	Q3175-02	VV039154.D	24 Sep 2025 15:53	SY/MD	Dilution
11	VIBLK	VV039155.D	24 Sep 2025 16:16	SY/MD	Ok
12	VIBLK	VV039156.D	24 Sep 2025 16:38	SY/MD	Ok
13	Q3172-01	VV039157.D	24 Sep 2025 17:00	SY/MD	Dilution
14	Q3172-02	VV039158.D	24 Sep 2025 17:22	SY/MD	Dilution
15	Q3172-03	VV039159.D	24 Sep 2025 17:45	SY/MD	ReRun
16	Q3164-01	VV039160.D	24 Sep 2025 18:07	SY/MD	Ok
17	Q3164-02	VV039161.D	24 Sep 2025 18:30	SY/MD	Not Ok
18	Q3164-03	VV039162.D	24 Sep 2025 18:52	SY/MD	Ok
19	VIBLK	VV039163.D	24 Sep 2025 19:15	SY/MD	Ok
20	VIBLK	VV039164.D	24 Sep 2025 19:37	SY/MD	Ok,M
21	VV0924WBSD02	VV039165.D	24 Sep 2025 19:59	SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM			
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM			
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VV039166.D	24 Sep 2025 20:22	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092525

Review By	Mahesh Dadoda	Review On	9/29/2025 12:56:22 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:08:36 AM		
SubDirectory	VV092525	HP Acquire Method	8260_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135649
Initial Calibration Stds	
CCC	VP135650,VP135651
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039167.D	25 Sep 2025 09:14	SY/MD	Ok
2	VSTDCCC050	VV039168.D	25 Sep 2025 09:59	SY/MD	Ok
3	VV0925MBL01	VV039169.D	25 Sep 2025 10:31	SY/MD	Ok
4	VV0925WBL01	VV039170.D	25 Sep 2025 11:01	SY/MD	Ok
5	VV0925WBS01	VV039171.D	25 Sep 2025 11:24	SY/MD	Ok
6	VV0925WBSD01	VV039172.D	25 Sep 2025 11:48	SY/MD	Ok
7	Q3164-02	VV039173.D	25 Sep 2025 12:10	SY/MD	Ok
8	Q3175-01DL	VV039174.D	25 Sep 2025 12:33	SY/MD	Dilution
9	Q3175-02DL	VV039175.D	25 Sep 2025 12:55	SY/MD	Ok,M
10	VIBLK	VV039176.D	25 Sep 2025 13:18	SY/MD	Ok,M
11	Q3168-05	VV039177.D	25 Sep 2025 13:40	SY/MD	ReRun
12	Q3168-06	VV039178.D	25 Sep 2025 14:03	SY/MD	ReRun
13	Q3175-01DL2	VV039179.D	25 Sep 2025 14:25	SY/MD	Ok,M
14	Q3172-02DL	VV039180.D	25 Sep 2025 14:48	SY/MD	Ok
15	VIBLK	VV039181.D	25 Sep 2025 15:10	SY/MD	Ok
16	Q3172-01DL	VV039182.D	25 Sep 2025 15:33	SY/MD	Ok
17	Q3168-05RE	VV039183.D	25 Sep 2025 15:55	SY/MD	Confirms
18	Q3168-06RE	VV039184.D	25 Sep 2025 16:18	SY/MD	Confirms
19	Q3172-03	VV039185.D	25 Sep 2025 16:40	SY/MD	Ok
20	Q3195-22	VV039186.D	25 Sep 2025 17:03	SY/MD	Ok
21	Q3195-23	VV039187.D	25 Sep 2025 17:25	SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092525

Review By	Mahesh Dadoda	Review On	9/29/2025 12:56:22 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:08:36 AM				
SubDirectory	VV092525	HP Acquire Method	8260_V		HP Processing Method	82v092225w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135649
Initial Calibration Stds	
CCC	VP135650,VP135651
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3195-24	VV039188.D	25 Sep 2025 17:47	SY/MD	ReRun
23	Q3195-25	VV039189.D	25 Sep 2025 18:10	SY/MD	Ok
24	Q3195-26	VV039190.D	25 Sep 2025 18:32	SY/MD	Ok
25	Q3195-27	VV039191.D	25 Sep 2025 18:55	SY/MD	Ok
26	Q3195-02	VV039192.D	25 Sep 2025 19:17	SY/MD	Ok
27	Q3195-09	VV039193.D	25 Sep 2025 19:40	SY/MD	Ok
28	Q3195-10	VV039194.D	25 Sep 2025 20:02	SY/MD	Ok
29	Q3195-11	VV039195.D	25 Sep 2025 20:25	SY/MD	Ok
30	VSTDCCC050	VV039196.D	25 Sep 2025 20:47	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

Review By	Mahesh Dadoda	Review On	9/26/2025 1:39:32 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 1:56:56 AM		
SubDirectory	VV092225	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135580
Initial Calibration Stds	VP135581,VP135582,VP135583,VP135584,VP135585,VP135586
CCC	
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039134.D	22 Sep 2025 10:15		SY/MD	Ok
2	VSTDICC001	VSTDICC001	VV039135.D	22 Sep 2025 10:59	Not use	SY/MD	Not Ok
3	VSTDICC005	VSTDICC005	VV039136.D	22 Sep 2025 11:30	Not use	SY/MD	Not Ok
4	VSTDICC010	VSTDICC010	VV039137.D	22 Sep 2025 12:26		SY/MD	Ok
5	VSTDICC020	VSTDICC020	VV039138.D	22 Sep 2025 12:48	QR- 06,16,20,70,92	SY/MD	Ok
6	VSTDICCC050	VSTDICCC050	VV039139.D	22 Sep 2025 13:26	LR- 41,58,59	SY/MD	Ok
7	VSTDICC100	VSTDICC100	VV039140.D	22 Sep 2025 13:49		SY/MD	Ok
8	VIBLK	VIBLK	VV039141.D	22 Sep 2025 14:21		SY/MD	Ok
9	VSTDICC005	VSTDICC005	VV039142.D	22 Sep 2025 15:37		SY/MD	Ok,M
10	VSTDICC001	VSTDICC001	VV039143.D	22 Sep 2025 16:35		SY/MD	Ok,M
11	VSTDICV050	ICVVV092225	VV039144.D	22 Sep 2025 16:58	Goof for Non-DOD	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM		
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039145.D	24 Sep 2025 09:52		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039146.D	24 Sep 2025 10:49	pH#lot#v14222	SY/MD	Ok
3	VV0924MBL01	VV0924MBL01	VV039147.D	24 Sep 2025 12:08		SY/MD	Ok
4	VV0924WBL01	VV0924WBL01	VV039148.D	24 Sep 2025 13:09		SY/MD	Ok
5	VV0924WBS01	VV0924WBS01	VV039149.D	24 Sep 2025 13:37	Recovery fail	SY/MD	Not Ok
6	VV0924WBS02	VV0924WBS02	VV039150.D	24 Sep 2025 14:01		SY/MD	Ok
7	Q3173-02	Field Blank	VV039151.D	24 Sep 2025 14:46	pH<2.0 A,FB	SY/MD	Ok
8	Q3173-01	OBS1	VV039152.D	24 Sep 2025 15:08	pH<2.0 A	SY/MD	Ok
9	Q3175-01	MW2	VV039153.D	24 Sep 2025 15:31	pH<2.0 A ,Need 20X	SY/MD	Dilution
10	Q3175-02	MW4	VV039154.D	24 Sep 2025 15:53	pH<2.0 A ,Need 20X	SY/MD	Dilution
11	VIBLK	VIBLK	VV039155.D	24 Sep 2025 16:16		SY/MD	Ok
12	VIBLK	VIBLK	VV039156.D	24 Sep 2025 16:38		SY/MD	Ok
13	Q3172-01	FW7D	VV039157.D	24 Sep 2025 17:00	pH<2.0 A ,Surrogate Fail;Need 100X	SY/MD	Dilution
14	Q3172-02	FW6D	VV039158.D	24 Sep 2025 17:22	pH<2.0 A ,Need 4X	SY/MD	Dilution
15	Q3172-03	GB3W	VV039159.D	24 Sep 2025 17:45	pH<2.0 A ,E flag of previous sample	SY/MD	ReRun
16	Q3164-01	DA-1	VV039160.D	24 Sep 2025 18:07	pH<2.0 A	SY/MD	Ok
17	Q3164-02	DA-2	VV039161.D	24 Sep 2025 18:30	pH<2.0 A ,Confirm Concentration	SY/MD	Not Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM		
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3164-03	DA-3	VV039162.D	24 Sep 2025 18:52	pH<2.0 A	SY/MD	Ok
19	VIBLK	VIBLK	VV039163.D	24 Sep 2025 19:15		SY/MD	Ok
20	VIBLK	VIBLK	VV039164.D	24 Sep 2025 19:37		SY/MD	Ok,M
21	VV0924WBSD02	VV0924WBSD02	VV039165.D	24 Sep 2025 19:59		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VV039166.D	24 Sep 2025 20:22		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092525

Review By	Mahesh Dadoda	Review On	9/29/2025 12:56:22 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:08:36 AM		
SubDirectory	VV092525	HP Acquire Method	8260_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135649
Initial Calibration Stds	
CCC	VP135650,VP135651
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039167.D	25 Sep 2025 09:14		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039168.D	25 Sep 2025 09:59	pH#lot#v14222	SY/MD	Ok
3	VV0925MBL01	VV0925MBL01	VV039169.D	25 Sep 2025 10:31		SY/MD	Ok
4	VV0925WBL01	VV0925WBL01	VV039170.D	25 Sep 2025 11:01		SY/MD	Ok
5	VV0925WBS01	VV0925WBS01	VV039171.D	25 Sep 2025 11:24		SY/MD	Ok
6	VV0925WBSD01	VV0925WBSD01	VV039172.D	25 Sep 2025 11:48		SY/MD	Ok
7	Q3164-02	DA-2	VV039173.D	25 Sep 2025 12:10	pH<2.0 B	SY/MD	Ok
8	Q3175-01DL	MW2DL	VV039174.D	25 Sep 2025 12:33	Need 100X	SY/MD	Dilution
9	Q3175-02DL	MW4DL	VV039175.D	25 Sep 2025 12:55		SY/MD	Ok,M
10	VIBLK	VIBLK	VV039176.D	25 Sep 2025 13:18		SY/MD	Ok,M
11	Q3168-05	TOTES COMP#1	VV039177.D	25 Sep 2025 13:40	pH<2.0 A, Surrogate fail	SY/MD	ReRun
12	Q3168-06	TOTES COMP#2	VV039178.D	25 Sep 2025 14:03	pH<2.0 A, Surrogate fail	SY/MD	ReRun
13	Q3175-01DL2	MW2DL2	VV039179.D	25 Sep 2025 14:25		SY/MD	Ok,M
14	Q3172-02DL	FW6DDL	VV039180.D	25 Sep 2025 14:48		SY/MD	Ok
15	VIBLK	VIBLK	VV039181.D	25 Sep 2025 15:10		SY/MD	Ok
16	Q3172-01DL	FW7DDL	VV039182.D	25 Sep 2025 15:33	Surrogate fail	SY/MD	Ok
17	Q3168-05RE	TOTES COMP#1RE	VV039183.D	25 Sep 2025 15:55	pH<2.0 B,Surrogate fail	SY/MD	Confirms
18	Q3168-06RE	TOTES COMP#2RE	VV039184.D	25 Sep 2025 16:18	pH<2.0 B,Surrogate fail	SY/MD	Confirms

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092525

Review By	Mahesh Dadoda	Review On	9/29/2025 12:56:22 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:08:36 AM		
SubDirectory	VV092525	HP Acquire Method	8260_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135649
Initial Calibration Stds	
CCC	VP135650,VP135651
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3172-03	GB3W	VV039185.D	25 Sep 2025 16:40	pH<2.0 A	SY/MD	Ok
20	Q3195-22	RW-1-092425	VV039186.D	25 Sep 2025 17:03	pH<2.0 A	SY/MD	Ok
21	Q3195-23	EB-01-091925	VV039187.D	25 Sep 2025 17:25	pH<2.0 A ,EB	SY/MD	Ok
22	Q3195-24	EB-02-092225	VV039188.D	25 Sep 2025 17:47	pH<2.0 A ,Internal Standard Fail	SY/MD	ReRun
23	Q3195-25	FB-01-091925	VV039189.D	25 Sep 2025 18:10	pH<2.0 A ,FB	SY/MD	Ok
24	Q3195-26	FB-02-092225	VV039190.D	25 Sep 2025 18:32	pH<2.0 A FB	SY/MD	Ok
25	Q3195-27	TB-01-091525	VV039191.D	25 Sep 2025 18:55	pH<2.0 A,TB	SY/MD	Ok
26	Q3195-02	MW-1-091725	VV039192.D	25 Sep 2025 19:17	pH<2.0 A	SY/MD	Ok
27	Q3195-09	MW-22-091825	VV039193.D	25 Sep 2025 19:40	pH<2.0 A	SY/MD	Ok
28	Q3195-10	MW-23-092325	VV039194.D	25 Sep 2025 20:02	pH<2.0 A	SY/MD	Ok
29	Q3195-11	MW-24-091925	VV039195.D	25 Sep 2025 20:25	pH<2.0 A	SY/MD	Ok
30	VSTDCCC050	VSTDCCC050EC	VV039196.D	25 Sep 2025 20:47		SY/MD	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3175	**OrderDate:**	9/24/2025 9:56:00 AM
Client:	G Environmental	**Project:**	Summer
Contact:	Gary Landis	**Location:**	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3175-01	**MW2**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	
Q3175-01DL	**MW2DL**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3175-01DL2	**MW2DL2**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3175-02	**MW4**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	
Q3175-02DL	**MW4DL**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 3175
COC Number 2045037

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GENVIRONMENTAL
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Summer
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GENVIRONMENTAL PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) X NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC ❑ NYS ASP A ❑ NYS ASP B
+ Raw Data) ❑ Other
X EDD FORMAT NJDEP SRP Excel

ANALYSIS

1 TCL VOCs MTBE ASP
2 3. 4 5 6 7 8 9

PRESERVATIVES

1 HCl 2 3 4 5 6 7 8 9

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW2	GW		X	9/23/25	1405	2		X								
2.	MW4	GW		X	9/23/25	1500	2		X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/22/25 1584	1.
2.	9/23/25 1515	2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.2° °C
Comments: Thank you!

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete
❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3175 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/24/2025 9:56:00 AM
Project Name : Summer
Receive DateTime : ~~9/24~~/2025 1:15:00 PM
23
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3175-01	MW2	Water	09/~~23~~/2025 22	14:05					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3175-02	MW4	Water	09/~~25~~/2025 22	15:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : [signature]
Date / Time : 9/24/25 0950

Received By : [signature]
Date / Time : 09/24/25 09:50 RG #4

Storage Area : VOA Refridgerator Room