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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
VOLATILE ORGANICS

PROJECT NAME : AMSTERDAM

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3172

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q3172

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Cover Page

Order ID : Q3172

Project ID : Amsterdam

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3172-01	FW7D
Q3172-02	FW6D
Q3172-03	GB3W

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 12:13 pm, Oct 06, 2025

Date: 10/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Order ID # Q3172
Test Name: VOCMS Group1,Mercury,Metals ICP-TAL,Anions Group1

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

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1,Mercury,Metals ICP-TAL,Anions Group1. This data package contains results for VOCMS Group1(8260D),Mercury(7470A),Metals ICP-TAL(6010D),Anions Group1(300.0).

C. Analytical Techniques:
VOCMS Group1 : 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.

Mercury,Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

Wetchem : The analysis of Anions Group1 was based on method 300.0

D. QA/ QC Samples:
The Holding Times were met for all analysis.

VOCMS Group1 : Samples FW7D, FW6D were diluted due to high concentrations.
Wetchem : Sample FW7D was diluted due to high concentrations for Sulfate.

The Surrogate recoveries were met for all analysis except following
VOCMS Group1 : FW7D [Toluene-d8 - 83%], FW7DDL [Toluene-d8 - 80%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following
Mercury,Metals ICP-TAL : The Matrix Spike (TOTES COMP#1MS) analysis met

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criteria for all compounds except for Sodium and Zinc due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following
Mercury,Metals ICP-TAL : The Matrix Spike Duplicate (TOTES COMP#1MSD) analysis met criteria for all compounds except for Sodium due to Chemical Interference during Digestion Process.

The RPD were met for all analysis except following
VOCMS Group1 : The RPD for {VV0924WBSD02} with File ID: VV039165.D met criteria except for Acetone[32%], Bromomethane[34%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds except following
VOCMS Group1 : The Blank Spike for {VV0924WBS02} with File ID: VV039150.D met requirements for all compounds except for 4-Methyl-2-Pentanone[120%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate met requirements for all compounds

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following
VOCMS Group1 : 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 Quadtratic Regression.

The Continuous Calibration met the requirements except following
VOCMS Group1 : The Continuous Calibration File ID VV039146.D met the requirements except for Dichlorodifluoromethane is failing marginally low therefore no corrective action taken.

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

The Tuning criteria met requirements.
The Duplicate analysis met criteria for all samples.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
VOCMS Group1 : 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.

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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.

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 12:14 pm, Oct 06, 2025

Signature_______________________________

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DATA REPORTING QUALIFIERS- INORGANIC

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

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

QA Control # A3040961

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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 #: Q3172

	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:** 10/06/2025

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A B C D E F G H I J

Hit Summary Sheet
SW-846

SDG No.: Q3172

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**FW7D**								
Q3172-01	FW7D	Water	Vinyl Chloride		53.5		0.26	1.00	ug/L
Q3172-01	FW7D	Water	1,1-Dichloroethene		9.30		0.23	1.00	ug/L
Q3172-01	FW7D	Water	Carbon Disulfide		0.94	J	0.21	1.00	ug/L
Q3172-01	FW7D	Water	trans-1,2-Dichloroethene		77.7		0.23	1.00	ug/L
Q3172-01	FW7D	Water	1,1-Dichloroethane		0.34	J	0.23	1.00	ug/L
Q3172-01	FW7D	Water	Cyclohexane		3.30	J	1.50	5.00	ug/L
Q3172-01	FW7D	Water	cis-1,2-Dichloroethene		1200	E	0.19	1.00	ug/L
Q3172-01	FW7D	Water	Chloroform		1.00		0.25	1.00	ug/L
Q3172-01	FW7D	Water	Methylcyclohexane		4.20		0.16	1.00	ug/L
Q3172-01	FW7D	Water	Benzene		39.2		0.15	1.00	ug/L
Q3172-01	FW7D	Water	Trichloroethene		1900	E	0.090	1.00	ug/L
Q3172-01	FW7D	Water	Toluene		4.60		0.14	1.00	ug/L
Q3172-01	FW7D	Water	Tetrachloroethene		2.10		0.23	1.00	ug/L
Q3172-01	FW7D	Water	Chlorobenzene		1600	E	0.12	1.00	ug/L
Q3172-01	FW7D	Water	Ethyl Benzene		3.00		0.13	1.00	ug/L
Q3172-01	FW7D	Water	m/p-Xylenes		4.30		0.24	2.00	ug/L
Q3172-01	FW7D	Water	o-Xylene		1.50		0.12	1.00	ug/L
Q3172-01	FW7D	Water	Isopropylbenzene		0.81	J	0.12	1.00	ug/L
Q3172-01	FW7D	Water	1,3-Dichlorobenzene		3.60		0.16	1.00	ug/L
Q3172-01	FW7D	Water	1,4-Dichlorobenzene		51.1		0.19	1.00	ug/L
Q3172-01	FW7D	Water	1,2-Dichlorobenzene		80.7		0.16	1.00	ug/L
			Total Voc :		5040				
Q3172-01	FW7D	Water	Diethyl Ether	*	3.00	J	0.31	1.00	ug/L
Q3172-01	FW7D	Water	Bromobenzene	*	1.10	J	0.24	1.00	ug/L
Q3172-01	FW7D	Water	2-Chlorotoluene	*	4.50	J	0.14	1.00	ug/L
Q3172-01	FW7D	Water	tert-Butylbenzene	*	0.67	J	0.14	1.00	ug/L
Q3172-01	FW7D	Water	1,2,4-Trimethylbenzene	*	0.57	J	0.14	1.00	ug/L
Q3172-01	FW7D	Water	Naphthalene	*	0.43	J	0.20	1.00	ug/L
Q3172-01	FW7D	Water	Diisopropyl ether	*	2.80	J	0.15	1.00	ug/L
			Total Tics :		13.1				
			Total Concentration:		5050				
Client ID:	**FW7DDL**								
Q3172-01DL	FW7DDL	Water	Vinyl Chloride		29.8	JD	26.0	100	ug/L
Q3172-01DL	FW7DDL	Water	trans-1,2-Dichloroethene		39.1	JD	23.0	100	ug/L
Q3172-01DL	FW7DDL	Water	cis-1,2-Dichloroethene		550	D	19.0	100	ug/L
Q3172-01DL	FW7DDL	Water	Trichloroethene		1500	D	9.30	100	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3172

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3172-01DL	FW7DDL	Water	Chlorobenzene		8200	D	12.0	100	ug/L
			Total Voc :		10300				
			Total Concentration:		10300				
Client ID:	**FW6D**								
Q3172-02	FW6D	Water	Acetone		5.90		1.50	5.00	ug/L
Q3172-02	FW6D	Water	Methyl tert-butyl Ether		0.41	J	0.16	1.00	ug/L
Q3172-02	FW6D	Water	Methyl Acetate		1.20		0.27	1.00	ug/L
Q3172-02	FW6D	Water	trans-1,2-Dichloroethene		1.30		0.23	1.00	ug/L
Q3172-02	FW6D	Water	cis-1,2-Dichloroethene		2.60		0.19	1.00	ug/L
Q3172-02	FW6D	Water	Benzene		0.46	J	0.15	1.00	ug/L
Q3172-02	FW6D	Water	Trichloroethene		5.40		0.090	1.00	ug/L
Q3172-02	FW6D	Water	Toluene		0.50	J	0.14	1.00	ug/L
Q3172-02	FW6D	Water	Chlorobenzene		200	E	0.12	1.00	ug/L
Q3172-02	FW6D	Water	Ethyl Benzene		0.49	J	0.13	1.00	ug/L
Q3172-02	FW6D	Water	m/p-Xylenes		0.77	J	0.24	2.00	ug/L
Q3172-02	FW6D	Water	1,3-Dichlorobenzene		0.54	J	0.16	1.00	ug/L
Q3172-02	FW6D	Water	1,4-Dichlorobenzene		6.10		0.19	1.00	ug/L
Q3172-02	FW6D	Water	1,2-Dichlorobenzene		6.60		0.16	1.00	ug/L
			Total Voc :		232				
Q3172-02	FW6D	Water	1,2,4-Trimethylbenzene	*	0.52	J	0.14	1.00	ug/L
			Total Tics :		0.52				
			Total Concentration:		233				
Client ID:	**FW6DDL**								
Q3172-02DL	FW6DDL	Water	Chlorobenzene		100	D	0.48	4.00	ug/L
			Total Voc :		100				
			Total Concentration:		100				
Client ID:	**GB3W**								
Q3172-03	GB3W	Water	Acetone		3.10	J	1.50	5.00	ug/L
Q3172-03	GB3W	Water	Trichloroethene		0.92	J	0.090	1.00	ug/L
Q3172-03	GB3W	Water	Chlorobenzene		4.70		0.12	1.00	ug/L
Q3172-03	GB3W	Water	o-Xylene		0.53	J	0.12	1.00	ug/L
Q3172-03	GB3W	Water	Isopropylbenzene		1.50		0.12	1.00	ug/L
			Total Voc :		10.8				
Q3172-03	GB3W	Water	Naphthalene, 1-methyl-	*	58.4	J	0	0	ug/L
Q3172-03	GB3W	Water	Benzene, 1,2,4,5-tetramethyl-	*	13.4	J	0	0	ug/L
Q3172-03	GB3W	Water	Indane	*	10.7	J	0	0	ug/L
Q3172-03	GB3W	Water	Naphthalene, 1,7-dimethyl-	*	12.0	J	0	0	ug/L
Q3172-03	GB3W	Water	Naphthalene, 1,6-dimethyl-	*	19.7	J	0	0	ug/L

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A B C D E F G H I J

Hit Summary Sheet
SW-846

SDG No.: Q3172

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3172-03	GB3W	Water	Naphthalene, 2,3-dimethyl-	*	27.5	J	0	0	ug/L
Q3172-03	GB3W	Water	Naphthalene, 2,7-dimethyl-	*	21.7	J	0	0	ug/L
Q3172-03	GB3W	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	15.6	J	0	0	ug/L
Q3172-03	GB3W	Water	Benzene, (3-methyl-2-butenyl)-	*	18.6	J	0	0	ug/L
Q3172-03	GB3W	Water	Benzene, 1-ethenyl-3-ethyl-	*	19.9	J	0	0	ug/L
Q3172-03	GB3W	Water	1H-Indene, 2,3-dihydro-1,2-din	*	12.9	J	0	0	ug/L
Q3172-03	GB3W	Water	1H-Indene, 2,3-dihydro-1,6-din	*	11.5	J	0	0	ug/L
Q3172-03	GB3W	Water	n-propylbenzene	*	1.00	J	0.13	1.00	ug/L
Q3172-03	GB3W	Water	2-Chlorotoluene	*	4.10	J	0.14	1.00	ug/L
Q3172-03	GB3W	Water	tert-Butylbenzene	*	0.41	J	0.14	1.00	ug/L
Q3172-03	GB3W	Water	sec-Butylbenzene	*	0.69	J	0.13	1.00	ug/L
Q3172-03	GB3W	Water	n-Butylbenzene	*	0.67	J	0.15	1.00	ug/L
			Total Tics :		249				
			Total Concentration:		260				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental		Date Collected:	09/22/25	
Project:	Amsterdam		Date Received:	09/23/25	
Client Sample ID:	FW7D		SDG No.:	Q3172	
Lab Sample ID:	Q3172-01		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
VV039157.D	1	09/24/25 17:00	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	53.5		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	9.30		0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.94	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	77.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.34	J	0.23	1.00	ug/L
110-82-7	Cyclohexane	3.30	J	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	1200	E	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00		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	4.20		0.16	1.00	ug/L
71-43-2	Benzene	39.2		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	1900	E	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

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7D	SDG No.:	Q3172
Lab Sample ID:	Q3172-01	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
VV039157.D	1	09/24/25 17:00	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	4.60		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	2.10		0.23	1.00	ug/L
108-90-7	Chlorobenzene	1600	E	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	3.00		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	4.30		0.24	2.00	ug/L
95-47-6	o-Xylene	1.50		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	0.81	J	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	3.60		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	80.7		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	50.8		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	39.0		75 - 124	78%	SPK: 50
2037-26-5	Toluene-d8	41.6	*	86 - 113	83%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	785000	4.6			
540-36-3	1,4-Difluorobenzene	1450000	5.532			
3114-55-4	Chlorobenzene-d5	1190000	8.805			
3855-82-1	1,4-Dichlorobenzene-d4	645000	11.172			

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Report of Analysis

Client:	G Environmental			Date Collected:	09/22/25	
Project:	Amsterdam			Date Received:	09/23/25	
Client Sample ID:	FW7D			SDG No.:	Q3172	
Lab Sample ID:	Q3172-01			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
VV039157.D	1	09/24/25 17:00	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
60-29-7	Diethyl Ether	3.00	J		1.92	ug/L
108-20-3	Diisopropyl ether	2.80	J		3.22	ug/L
108-86-1	Bromobenzene	1.10	J		10.2	ug/L
95-49-8	2-Chlorotoluene	4.50	J		10.4	ug/L
98-06-6	tert-Butylbenzene	0.67	J		10.8	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.57	J		10.8	ug/L
91-20-3	Naphthalene	0.43	J		13.4	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:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7DDL	SDG No.:	Q3172
Lab Sample ID:	Q3172-01DL	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
VV039182.D	100	09/25/25 15:33	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	29.8	JD	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	39.1	JD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	150	UD	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	550	D	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	16.0	UD	16.0	100	ug/L
71-43-2	Benzene	15.0	UD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	1500	D	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

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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7DDL	SDG No.:	Q3172
Lab Sample ID:	Q3172-01DL	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
VV039182.D	100	09/25/25 15:33	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	14.0	UD	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	8200	D	12.0	100	ug/L
100-41-4	Ethyl Benzene	13.0	UD	13.0	100	ug/L
179601-23-1	m/p-Xylenes	24.0	UD	24.0	200	ug/L
95-47-6	o-Xylene	12.0	UD	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	12.0	UD	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	47.2		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	42.7		75 - 124	85%	SPK: 50
2037-26-5	Toluene-d8	39.9	*	86 - 113	80%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.3		77 - 121	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	687000	4.6			
540-36-3	1,4-Difluorobenzene	1220000	5.535			
3114-55-4	Chlorobenzene-d5	1190000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	556000	11.175			

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A B C D E F G H I J

Report of Analysis

Client:	G Environmental			Date Collected:	09/22/25	
Project:	Amsterdam			Date Received:	09/23/25	
Client Sample ID:	FW7DDL			SDG No.:	Q3172	
Lab Sample ID:	Q3172-01DL			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
VV039182.D	100	09/25/25 15:33	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

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW6D	SDG No.:	Q3172
Lab Sample ID:	Q3172-02	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
VV039158.D	1	09/24/25 17:22	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	5.90		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	0.41	J	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.20		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	1.30		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	2.60		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	0.46	J	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	5.40		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

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Report of Analysis

Client:	G Environmental			Date Collected:	09/22/25
Project:	Amsterdam			Date Received:	09/23/25
Client Sample ID:	FW6D			SDG No.:	Q3172
Lab Sample ID:	Q3172-02			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
VV039158.D	1	09/24/25 17:22	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.50	J	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	200	E	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.49	J	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.77	J	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	0.54	J	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	6.10		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	6.60		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	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		75 - 124	86%	SPK: 50
2037-26-5	Toluene-d8	44.7		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		77 - 121	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	4.603			
540-36-3	1,4-Difluorobenzene	853000	5.535			
3114-55-4	Chlorobenzene-d5	809000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	360000	11.175			

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Report of Analysis

Client:	G Environmental			Date Collected:	09/22/25
Project:	Amsterdam			Date Received:	09/23/25
Client Sample ID:	FW6D			SDG No.:	Q3172
Lab Sample ID:	Q3172-02			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
VV039158.D	1	09/24/25 17:22	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
95-63-6	1,2,4-Trimethylbenzene	0.52	J		10.8	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:	Amsterdam			Date Received:	09/23/25	
Client Sample ID:	FW6DDL			SDG No.:	Q3172	
Lab Sample ID:	Q3172-02DL			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
VV039180.D	4	09/25/25 14:48	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	UD	0.88	4.00	ug/L
74-87-3	Chloromethane	1.30	UD	1.30	4.00	ug/L
75-01-4	Vinyl Chloride	1.00	UD	1.00	4.00	ug/L
74-83-9	Bromomethane	5.80	UD	5.80	20.0	ug/L
75-00-3	Chloroethane	1.90	UD	1.90	4.00	ug/L
75-69-4	Trichlorofluoromethane	1.30	UD	1.30	4.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	UD	1.00	4.00	ug/L
75-65-0	Tert butyl alcohol	22.0	UD	22.0	100	ug/L
75-35-4	1,1-Dichloroethene	0.92	UD	0.92	4.00	ug/L
67-64-1	Acetone	6.00	UD	6.00	20.0	ug/L
75-15-0	Carbon Disulfide	0.84	UD	0.84	4.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.64	UD	0.64	4.00	ug/L
79-20-9	Methyl Acetate	1.10	UD	1.10	4.00	ug/L
75-09-2	Methylene Chloride	1.10	UD	1.10	4.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.92	UD	0.92	4.00	ug/L
75-34-3	1,1-Dichloroethane	0.92	UD	0.92	4.00	ug/L
110-82-7	Cyclohexane	5.80	UD	5.80	20.0	ug/L
78-93-3	2-Butanone	3.90	UD	3.90	20.0	ug/L
56-23-5	Carbon Tetrachloride	1.00	UD	1.00	4.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.76	UD	0.76	4.00	ug/L
74-97-5	Bromochloromethane	0.88	UD	0.88	4.00	ug/L
67-66-3	Chloroform	1.00	UD	1.00	4.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.80	UD	0.80	4.00	ug/L
108-87-2	Methylcyclohexane	0.64	UD	0.64	4.00	ug/L
71-43-2	Benzene	0.60	UD	0.60	4.00	ug/L
107-06-2	1,2-Dichloroethane	0.88	UD	0.88	4.00	ug/L
79-01-6	Trichloroethene	0.37	UD	0.37	4.00	ug/L
78-87-5	1,2-Dichloropropane	0.80	UD	0.80	4.00	ug/L
75-27-4	Bromodichloromethane	0.88	UD	0.88	4.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.70	UD	2.70	20.0	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW6DDL	SDG No.:	Q3172
Lab Sample ID:	Q3172-02DL	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
VV039180.D	4	09/25/25 14:48	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.56	UD	0.56	4.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.68	UD	0.68	4.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.64	UD	0.64	4.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.84	UD	0.84	4.00	ug/L
591-78-6	2-Hexanone	3.60	UD	3.60	20.0	ug/L
124-48-1	Dibromochloromethane	0.72	UD	0.72	4.00	ug/L
106-93-4	1,2-Dibromoethane	0.60	UD	0.60	4.00	ug/L
127-18-4	Tetrachloroethene	0.92	UD	0.92	4.00	ug/L
108-90-7	Chlorobenzene	100	D	0.48	4.00	ug/L
100-41-4	Ethyl Benzene	0.52	UD	0.52	4.00	ug/L
179601-23-1	m/p-Xylenes	0.96	UD	0.96	8.00	ug/L
95-47-6	o-Xylene	0.48	UD	0.48	4.00	ug/L
100-42-5	Styrene	0.60	UD	0.60	4.00	ug/L
75-25-2	Bromoform	0.76	UD	0.76	4.00	ug/L
98-82-8	Isopropylbenzene	0.48	UD	0.48	4.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	UD	1.00	4.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.64	UD	0.64	4.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.76	UD	0.76	4.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.64	UD	0.64	4.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	UD	2.10	4.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.80	UD	0.80	4.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.80	UD	0.80	4.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	642000	4.6			
540-36-3	1,4-Difluorobenzene	1160000	5.535			
3114-55-4	Chlorobenzene-d5	1110000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	524000	11.175			

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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW6DDL	SDG No.:	Q3172
Lab Sample ID:	Q3172-02DL	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
VV039180.D	4	09/25/25 14:48	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:	09/22/25	
Project:	Amsterdam		Date Received:	09/23/25	
Client Sample ID:	GB3W		SDG No.:	Q3172	
Lab Sample ID:	Q3172-03		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
VV039185.D	1	09/25/25 16:40	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	3.10	J	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	0.92	J	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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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	GB3W	SDG No.:	Q3172
Lab Sample ID:	Q3172-03	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
VV039185.D	1	09/25/25 16:40	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	4.70		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	0.53	J	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	1.50		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	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	46.4		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	368000	4.603			
540-36-3	1,4-Difluorobenzene	653000	5.535			
3114-55-4	Chlorobenzene-d5	662000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	325000	11.175			

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	GB3W	SDG No.:	Q3172
Lab Sample ID:	Q3172-03	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
VV039185.D	1	09/25/25 16:40	VV092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
103-65-1	n-propylbenzene	1.00	J		10.3	ug/L
95-49-8	2-Chlorotoluene	4.10	J		10.4	ug/L
98-06-6	tert-Butylbenzene	0.41	J		10.8	ug/L
135-98-8	sec-Butylbenzene	0.69	J		11.0	ug/L
000496-11-7	Indane	10.7	J		11.5	ug/L
104-51-8	n-Butylbenzene	0.67	J		11.6	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	15.6	J		11.9	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	19.9	J		12.0	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	13.4	J		12.3	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	11.5	J		13.3	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	12.9	J		13.8	ug/L
004489-84-3	Benzene, (3-methyl-2-butenyl)-	18.6	J		14.0	ug/L
000090-12-0	Naphthalene, 1-methyl-	58.4	J		14.7	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	21.7	J		15.6	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	27.5	J		15.7	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	19.7	J		15.8	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	12.0	J		16.0	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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QC SUMMARY

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Surrogate Summary

SDG No.: Q3172

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3172-01	FW7D	1,2-Dichloroethane-d4	50	50.8	102		74	125
		Dibromofluoromethane	50	39.0	78		75	124
		Toluene-d8	50	41.6	83	*	86	113
		4-Bromofluorobenzene	50	41.8	83		77	121
Q3172-01DL	FW7DDL	1,2-Dichloroethane-d4	50	47.2	94		74	125
		Dibromofluoromethane	50	42.7	85		75	124
		Toluene-d8	50	39.9	80	*	86	113
		4-Bromofluorobenzene	50	39.3	79		77	121
Q3172-02	FW6D	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	43.2	86		75	124
		Toluene-d8	50	44.7	89		86	113
		4-Bromofluorobenzene	50	42.2	84		77	121
Q3172-02DL	FW6DDL	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
Q3172-03	GB3W	1,2-Dichloroethane-d4	50	55.1	110		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	46.5	93		86	113
		4-Bromofluorobenzene	50	46.9	94		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.:	**Q3172**	**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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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **Q3172** **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.:	**Q3172**	**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.:	**Q3172**	**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.:	**Q3172**	**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.: **Q3172** **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.: Q3172

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
FW7D	Q3172-01	VV039157.D	09/24/2025
FW6D	Q3172-02	VV039158.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.: Q3172

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
FW6DDL	Q3172-02DL	VV039180.D	09/25/2025
FW7DDL	Q3172-01DL	VV039182.D	09/25/2025
GB3W	Q3172-03	VV039185.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.: Q3172
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.: Q3172

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
FW7D	Q3172-01	VV039157.D	09/24/2025	17:00
FW6D	Q3172-02	VV039158.D	09/24/2025	17:22
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.: Q3172

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
FW6DDL	Q3172-02DL	VV039180.D	09/25/2025	14:48
FW7DDL	Q3172-01DL	VV039182.D	09/25/2025	15:33
GB3W	Q3172-03	VV039185.D	09/25/2025	16:40

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3172

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.						
FW7D	784952	4.60	1453021	5.53	1186446	8.81
FW6D	463506	4.60	853323	5.54	809313	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.: Q3172

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.						
FW7D	645392	11.17				
FW6D	359745	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.: Q3172

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.						
FW7DDL	686688	4.60	1217519	5.54	1189450	8.78
FW6DDL	642311	4.60	1161576	5.54	1114736	8.78
GB3W	368346	4.60	653076	5.54	662159	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.: Q3172

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.						
FW7DDL	556145	11.18				
FW6DDL	523929	11.18				
GB3W	325221	11.18				
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.

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QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VV0924WBL01	SDG No.:	Q3172
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0924WBL01	SDG No.:	Q3172
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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A B C D E F G H I J

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	VV0924WBL01		SDG No.:	Q3172
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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	VV0925WBL01		SDG No.:	Q3172	
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0925WBL01	SDG No.:	Q3172
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0925WBL01	SDG No.:	Q3172
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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	VV0924WBS02		SDG No.:	Q3172	
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0924WBS02	SDG No.:	Q3172
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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A B C D E F G H I J

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	VV0924WBS02		SDG No.:	Q3172
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3172
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3172
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:	Amsterdam	Date Received:	
Client Sample ID:	VV0925WBS01	SDG No.:	Q3172
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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A B C D E F G H I J

Report of Analysis

Client:	G Environmental			Date Collected:		
Project:	Amsterdam			Date Received:		
Client Sample ID:	VV0924WBSD02			SDG No.:	Q3172	
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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	VV0924WBSD02		SDG No.:	Q3172	
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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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VV0924WBSD02	SDG No.:	Q3172
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.: Q3172

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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Fax : 908 789 8922

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance   Contract: GENV01

Lab Code: ACE   SDG No.: Q3172

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.

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A B C D E F G H I J

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3172

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.

Alliance TECHNICAL GROUP

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance — Contract: GENV01

Lab Code: ACE — SDG No.: Q3172

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 (mean)	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.

Alliance TECHNICAL GROUP

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Fax : 908 789 8922

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A B C D E F G H I J

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01

Lab Code: ACE
SDG No.: Q3172

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.

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Fax : 908 789 8922

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A B C D E F G H I J

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance   Contract: GENV01
Lab Code: ACE   SDG No.: Q3172
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 : VV039157.D
Acq On : 24 Sep 2025 17:00
Operator : SY/MD
Sample : Q3172-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : FW7D

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

Quant Time: Sep 25 08:19:09 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	784952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1453021	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.805	117	1186446	50.000	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	11.172	152	645392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	577583	50.841	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.680%			
35) Dibromofluoromethane	4.503	113	455826	39.022	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 78.040%#			
50) Toluene-d8	7.239	98	1428833	41.648	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 83.300%#			
62) 4-Bromofluorobenzene	10.001	95	589602	41.746	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 83.500%#			
Target Compounds						Qvalue
4) Vinyl Chloride	1.298	62	763995	53.498	ug/l #	64
8) Diethyl Ether	1.921	74	22870	2.980	ug/l	93
12) 1,1-Dichloroethene	2.085	96	109964	9.291	ug/l	99
17) Carbon Disulfide	2.259	76	34033	0.940	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	978973	77.701	ug/l	99
22) Diisopropyl ether	3.220	45	114080	2.820	ug/l #	31
24) 1,1-Dichloroethane	3.121	63	8430	0.341	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	16939500	1219.054	ug/l	88
30) Chloroform	4.291	83	26684	1.033	ug/l	97
31) Cyclohexane	4.590	56	67600	3.336	ug/l #	79
39) Methylcyclohexane	6.050	83	90115	4.225	ug/l	97
40) Benzene	5.008	78	2255720	39.223	ug/l	98
44) Trichloroethene	5.818	130	25787799m	1943.227	ug/l	
52) Toluene	7.317	92	153855	4.614	ug/l	99
64) Tetrachloroethene	7.905	164	21046	2.118	ug/l	96
65) Chlorobenzene	8.792	112	52027969m	1574.331	ug/l	
67) Ethyl Benzene	8.953	91	152525	3.049	ug/l	99
68) m/p-Xylenes	9.075	106	82715	4.284	ug/l	92
69) o-Xylene	9.477	106	25960	1.519	ug/l	93
73) Isopropylbenzene	9.863	105	37694	0.805	ug/l	100
77) Bromobenzene	10.153	156	13631	1.122	ug/l	96
79) 2-Chlorotoluene	10.352	91	152988	4.485	ug/l	99
83) tert-Butylbenzene	10.792	119	25904	0.668	ug/l	88
84) 1,2,4-Trimethylbenzene	10.847	105	21492	0.569	ug/l	99
87) 1,3-Dichlorobenzene	11.111	146	87249	3.550	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1378381	51.115	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	1853630	80.719	ug/l	99
95) Naphthalene	13.442	128	18472	0.434	ug/l #	94

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

Sample Results: **VV039157.D**

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039157.D
Acq On   : 24 Sep 2025 17:00
Operator : SY/MD
Sample   : Q3172-01
Misc   : 5.0mL/MSVOA_V/WATER
ALS Vial : 14   Sample Multiplier: 1

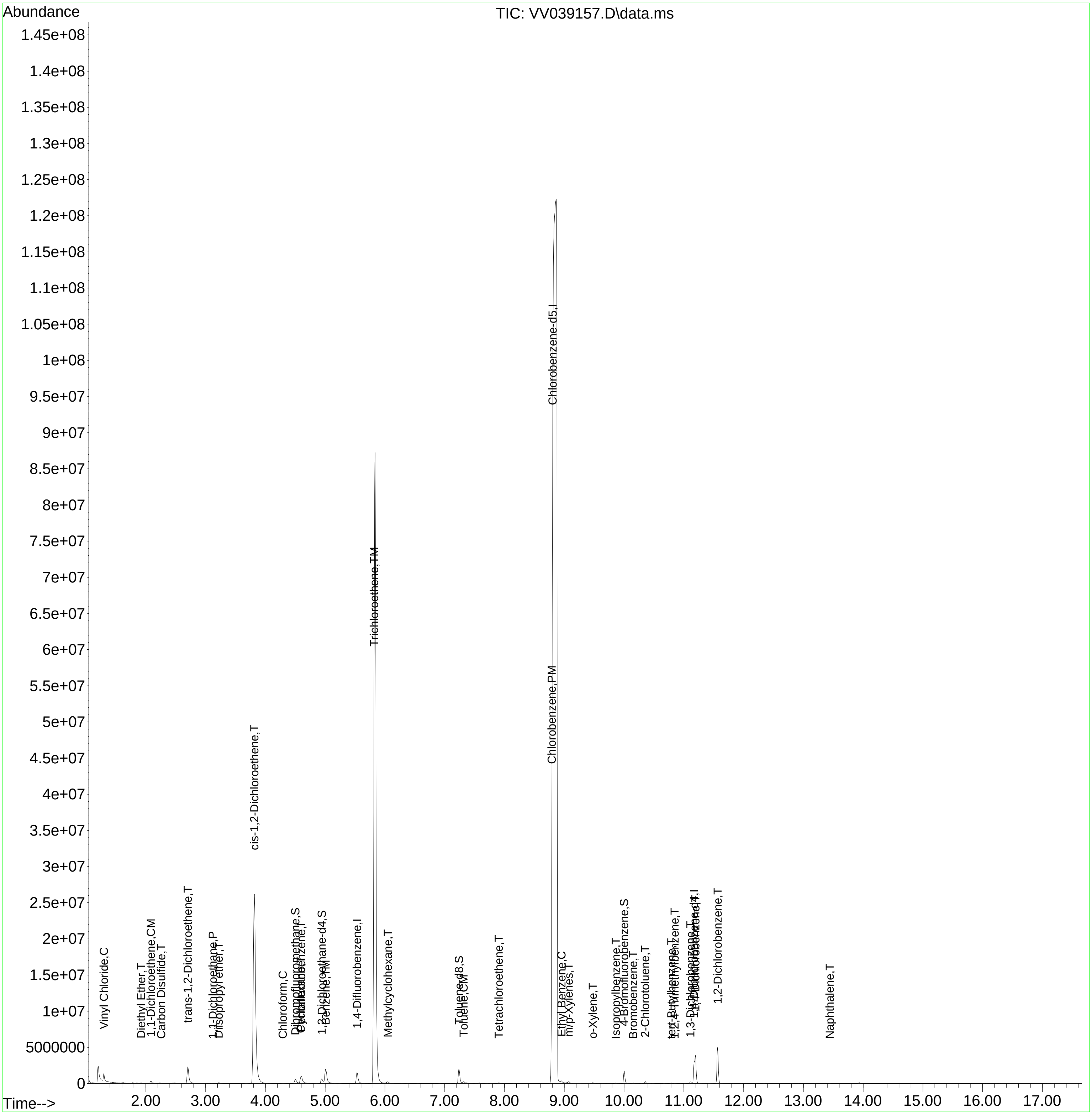
Quant Time: Sep 25 08:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

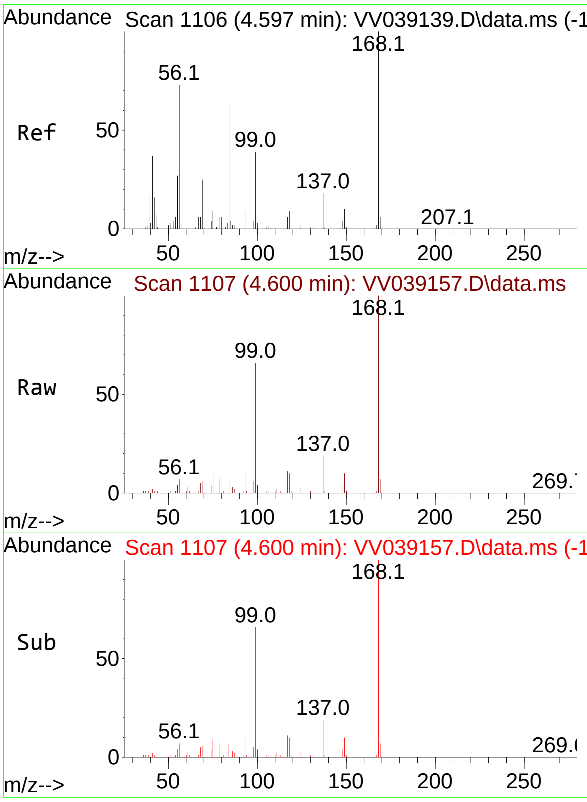
Instrument :
MSVOA_V
ClientSampleId :
FW7D

Manual Integrations APPROVED

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

A B C D E F G H I J

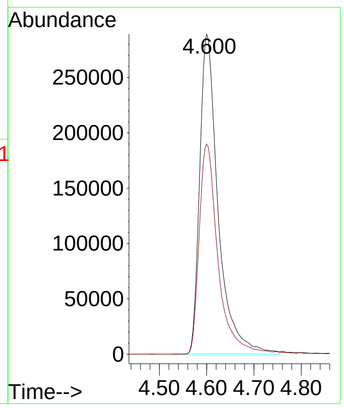




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:168 Resp: 78495

Ion	Ratio	Lower	Upper
168	100		
99	65.6	49.6	74.4



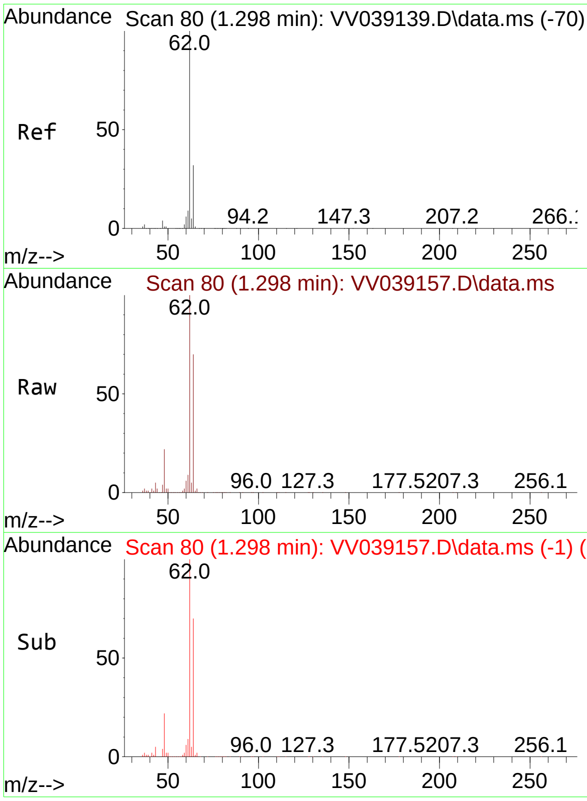
Instrument :
MSVOA_V
ClientSampleId :
FW7D

Manual Integrations APPROVED

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

5

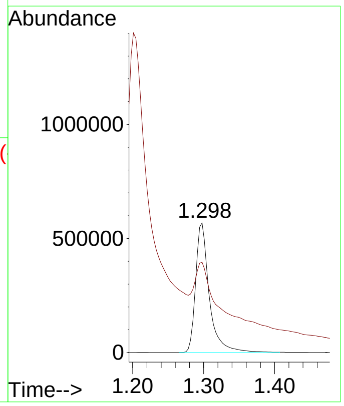
A B C D E F G H I J



#4
Vinyl Chloride
Concen: 53.498 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 62 Resp: 763995

Ion	Ratio	Lower	Upper
62	100		
64	52.2	25.6	38.4#



Instrument :
MSVOA_V
ClientSampleId :
FW7D

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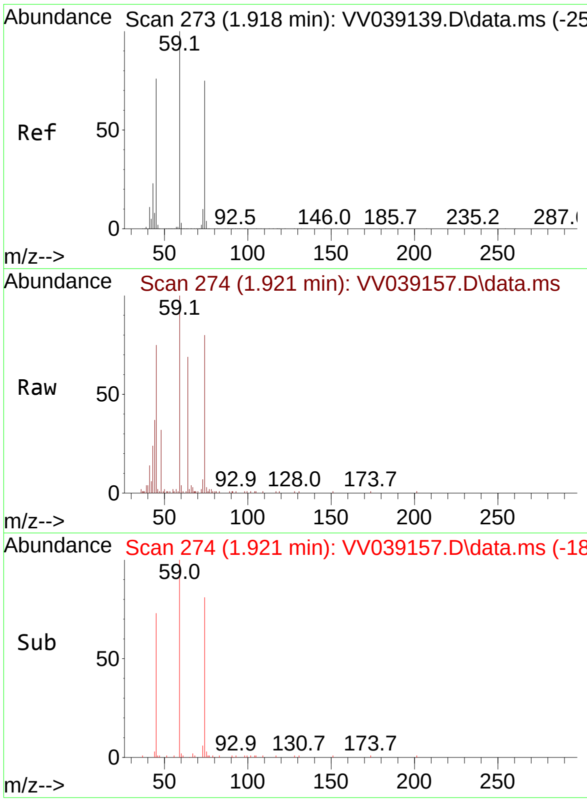
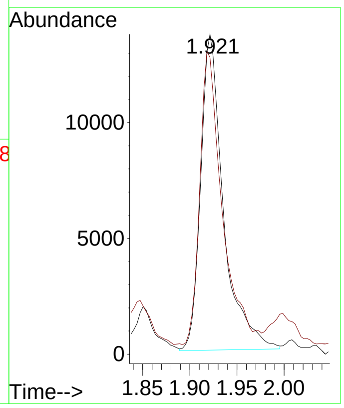
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

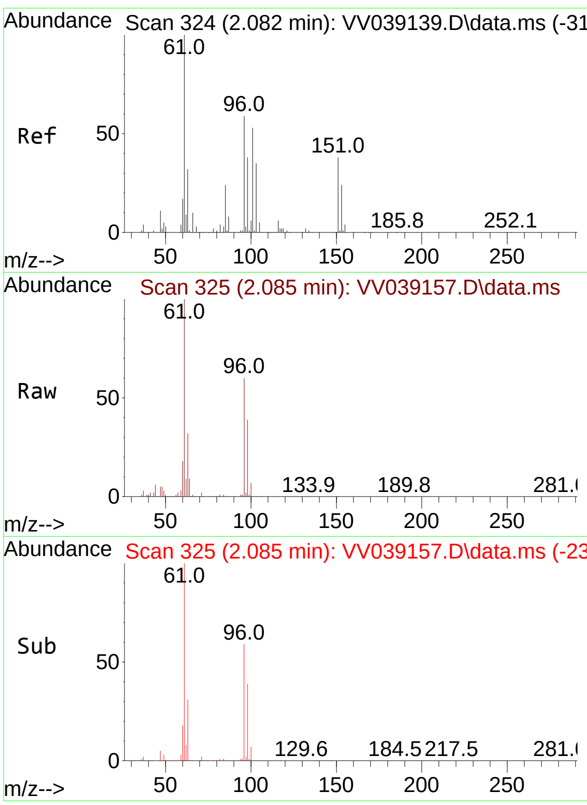


#8
Diethyl Ether
Concen: 2.980 ug/l
RT: 1.921 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 74 Resp: 2287

Ion	Ratio	Lower	Upper
74	100		
45	92.4	49.6	148.8

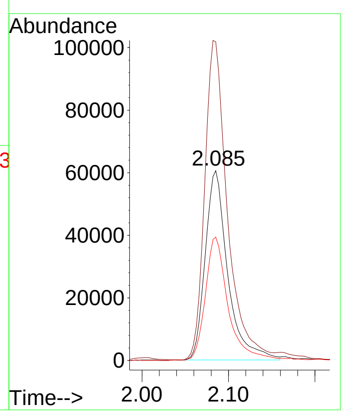




#12
1,1-Dichloroethene
Concen: 9.291 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 96 Resp: 109964

Ion	Ratio	Lower	Upper
96	100		
61	168.0	136.0	204.0
98	64.9	51.0	76.6



Instrument :
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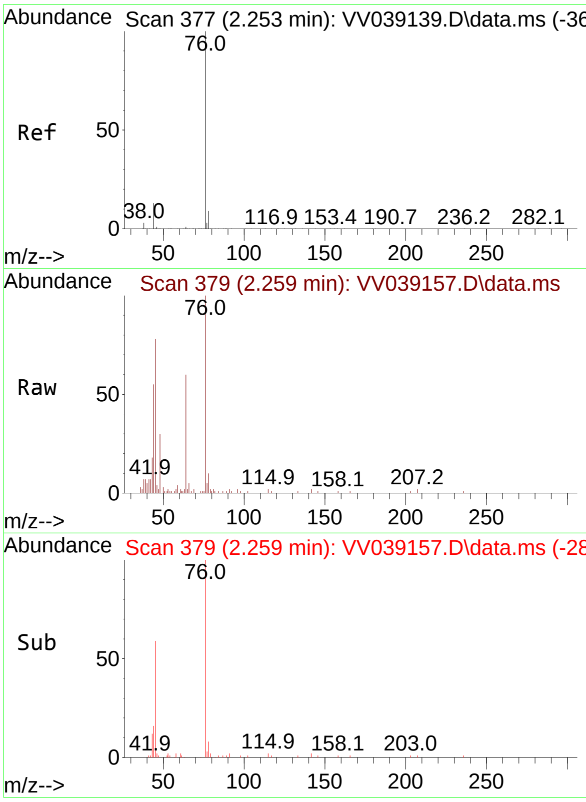
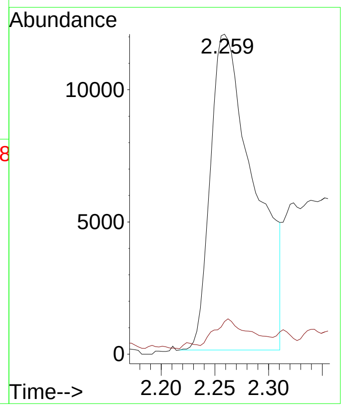
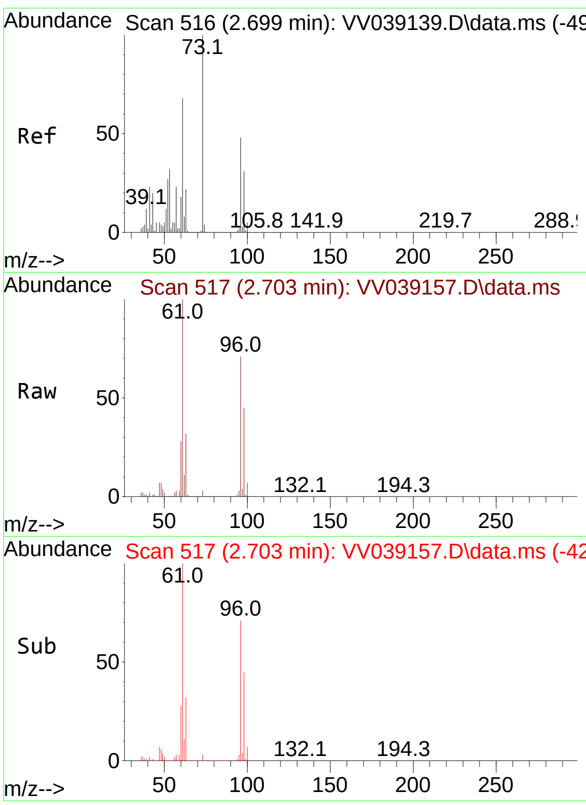


#17
Carbon Disulfide
Concen: 0.940 ug/l
RT: 2.259 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 76 Resp: 3403

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

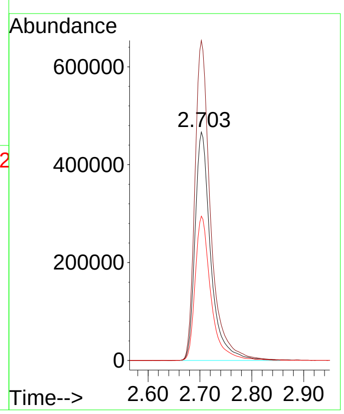




#21
trans-1,2-Dichloroethene
Concen: 77.701 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 96 Resp: 978973

Ion	Ratio	Lower	Upper
96	100		
61	140.0	112.8	169.2
98	63.1	51.1	76.7



5

Instrument :
MSVOA_V
ClientSampleId :
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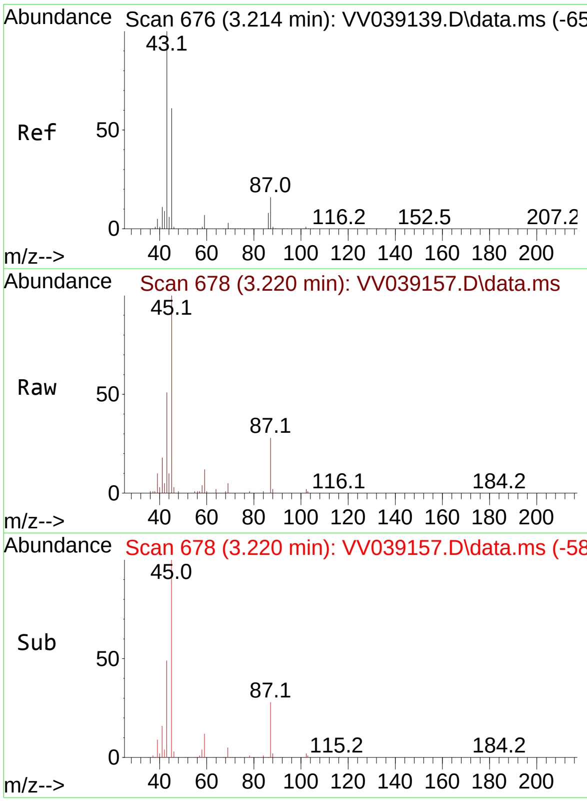
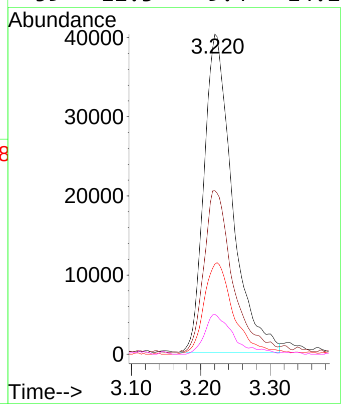
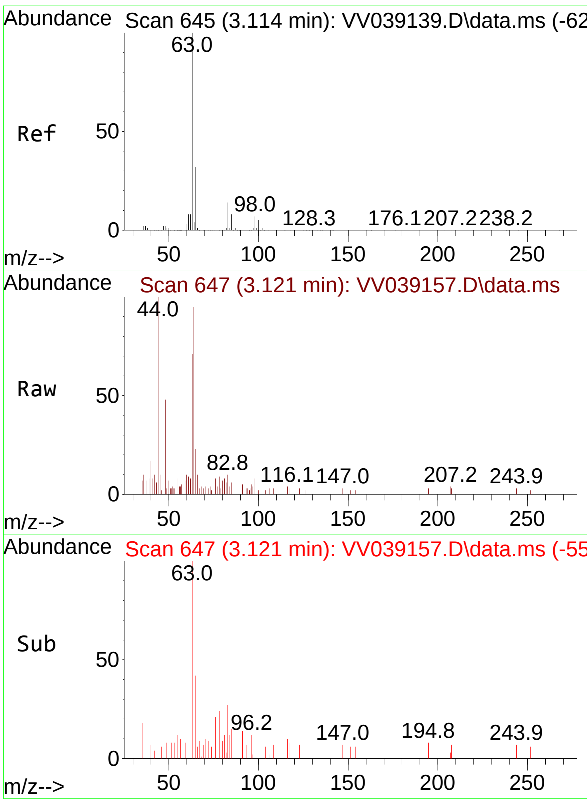


#22
Diisopropyl ether
Concen: 2.820 ug/l
RT: 3.220 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 45 Resp: 114080

Ion	Ratio	Lower	Upper
45	100		
43	50.8	130.9	196.3#
87	28.1	21.1	31.7
59	12.3	9.4	14.2

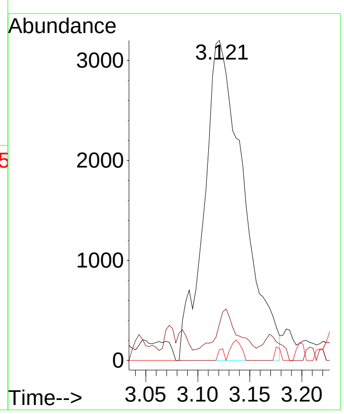




#24
1,1-Dichloroethane
Concen: 0.341 ug/l
RT: 3.121 min Scan# 647
Delta R.T. 0.006 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 63 Resp: 8430

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	3.4	2.2	6.6



5

Instrument :
MSVOA_V
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FW7D

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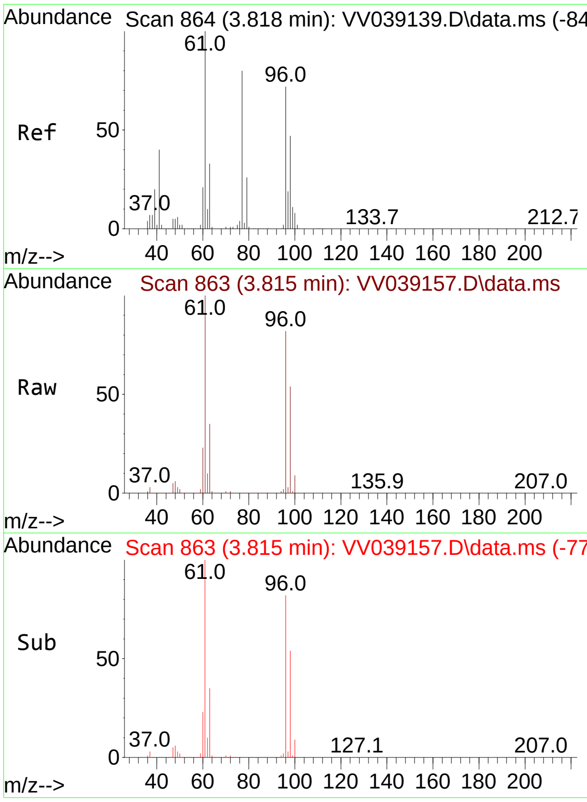
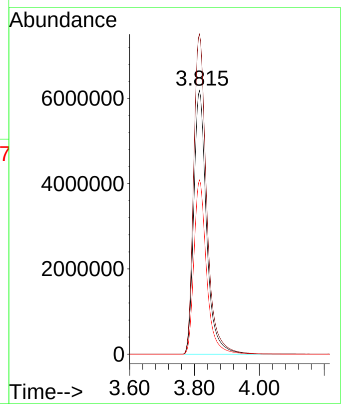
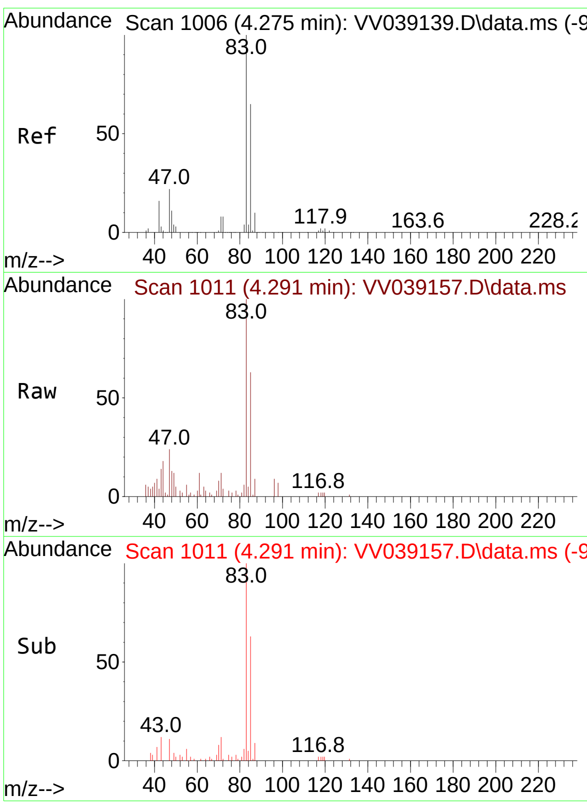


#27
cis-1,2-Dichloroethene
Concen: 1219.054 ug/l
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 96 Resp:16939500

Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	286.4
98	65.2	0.0	126.6

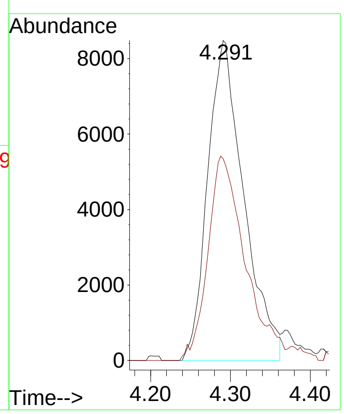


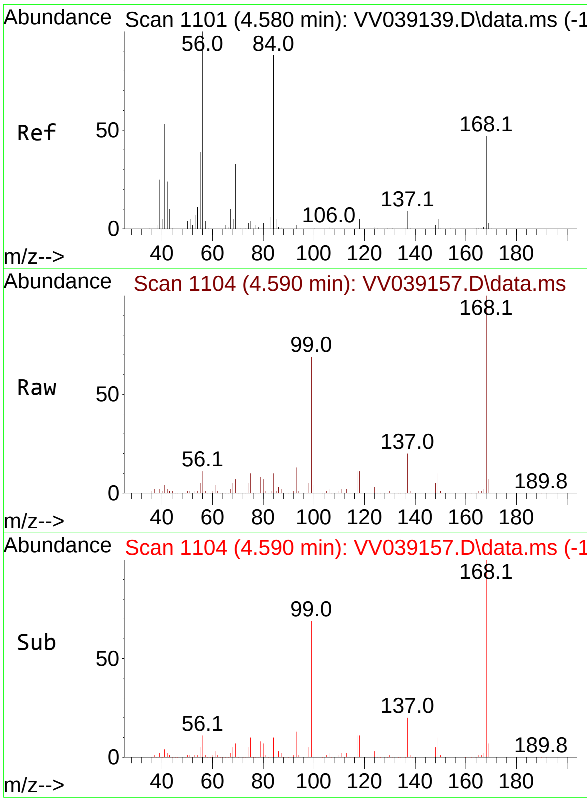


#30
Chloroform
Concen: 1.033 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.016 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 83 Resp: 26684

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.1	78.1





```
#31
Cyclohexane
Concen:    3.336 ug/l
RT:   4.590 min  Scan# 11
Delta R.T.  0.010 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

Tgt Ion: 56 Resp:   67600
Ion  Ratio  Lower  Upper
 56  100
 69   68.3   26.2   39.2#
 84   93.3   70.3  105.5
```

Instrument :
MSVOA_V
ClientSampleId :
FW7D

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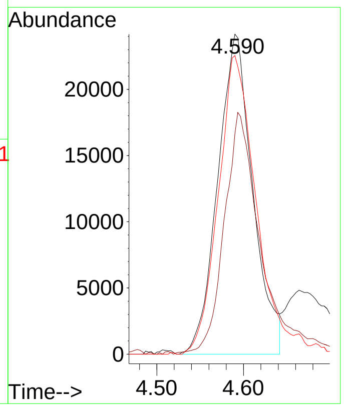
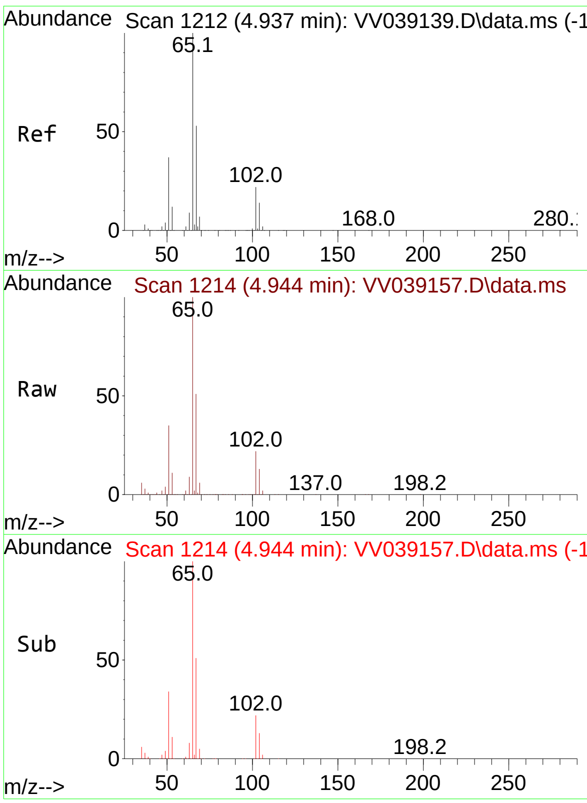
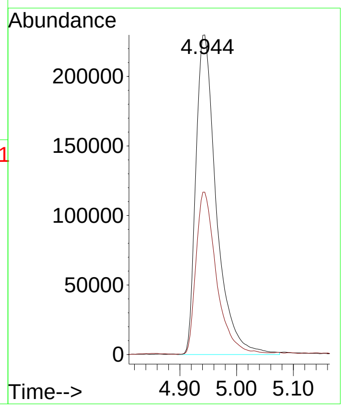




```
#33
1,2-Dichloroethane-d4
Concen:   50.841 ug/l
RT:   4.944 min  Scan# 1214
Delta R.T.  0.006 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

Tgt Ion: 65 Resp:  577583
Ion  Ratio  Lower  Upper
 65  100
 67   50.7    0.0  107.0
```



Instrument :
MSVOA_V
ClientSampleId :
FW7D

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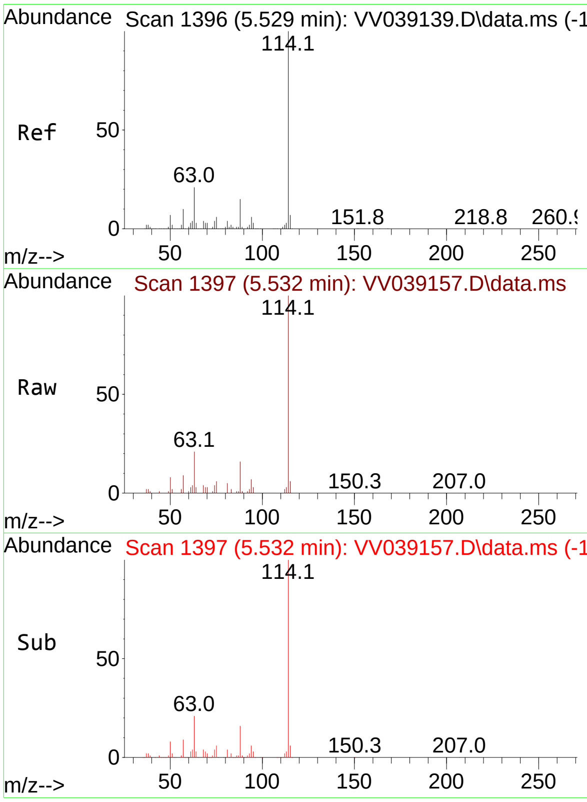
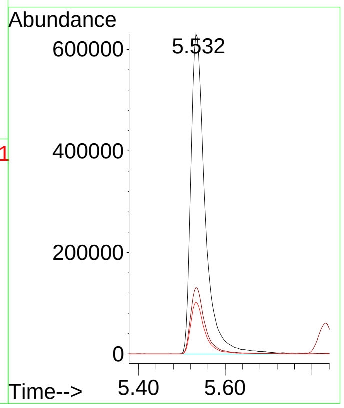
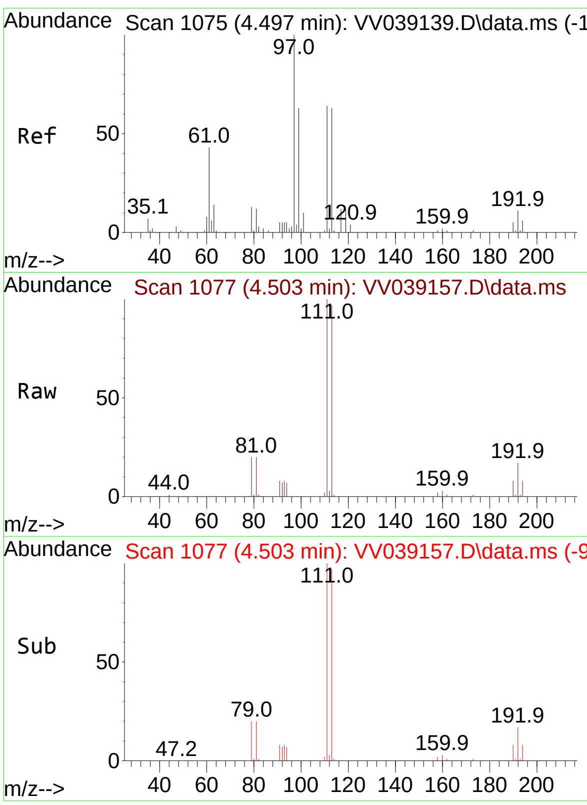



```
#34
1,4-Difluorobenzene
Concen:   50.000 ug/l
RT:   5.532 min  Scan# 1
Delta R.T.  0.003 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

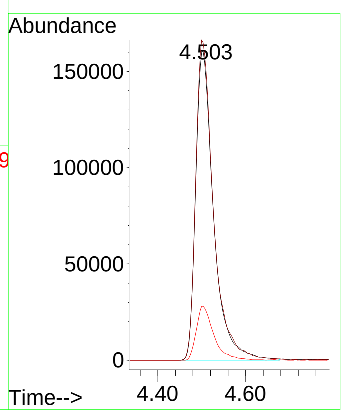
Tgt Ion:114 Resp: 145302
Ion  Ratio  Lower  Upper
114  100
 63   20.7    0.0   42.6
 88   16.2    0.0   30.8
```






```
#35
Dibromofluoromethane
Concen:   39.022 ug/l
RT:   4.503 min  Scan# 1077
Delta R.T.  0.006 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

Tgt Ion:113 Resp:  455826
Ion  Ratio  Lower  Upper
113  100
111  103.2   82.4  123.6
192   17.1   13.8   20.8
```



Instrument :
MSVOA_V
ClientSampleId :
FW7D

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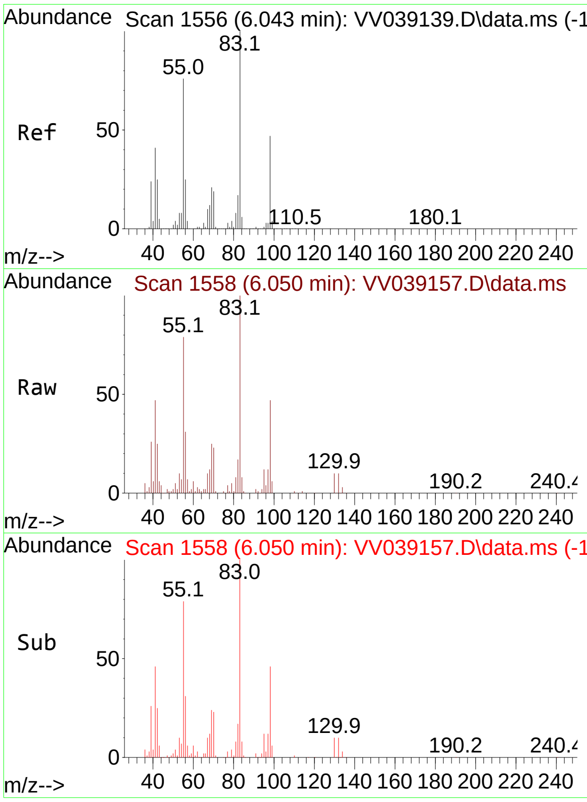
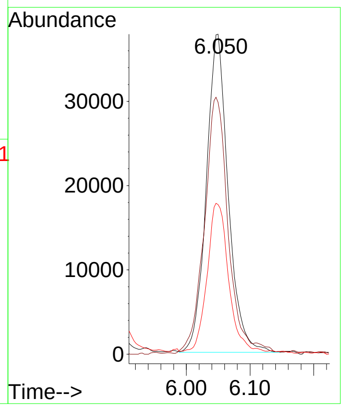
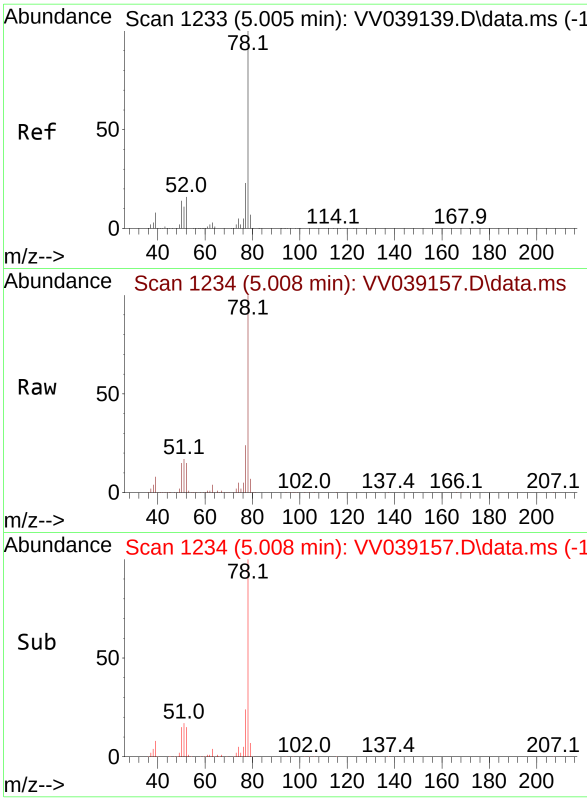


#39
Methylcyclohexane
Concen: 4.225 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 83 Resp: 90115

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.5	90.7
98	46.2	37.8	56.6

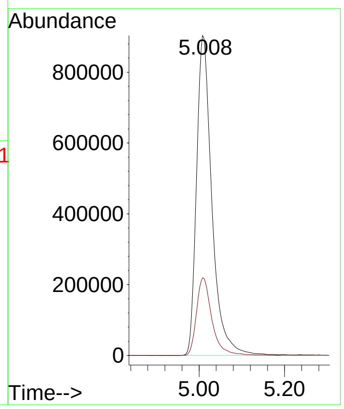




#40
Benzene
Concen: 39.223 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 78 Resp: 2255720

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1



5

Instrument :
MSVOA_V
ClientSampleId :
FW7D

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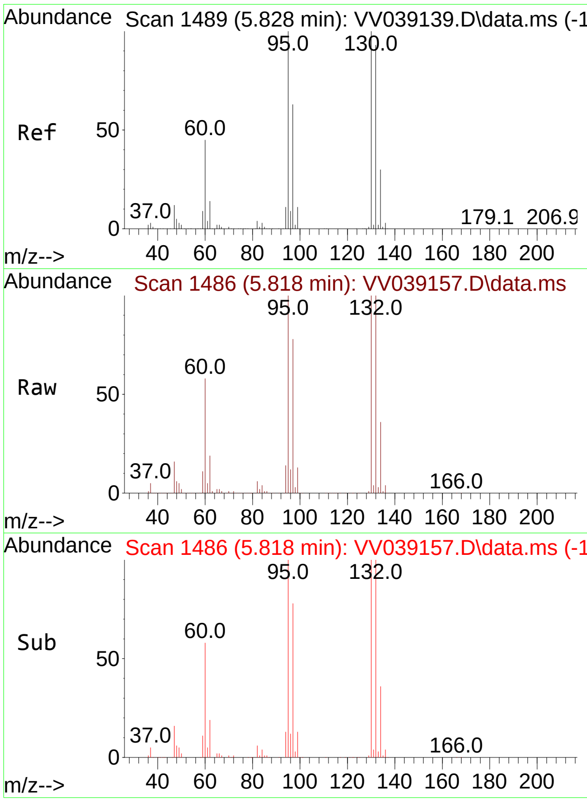
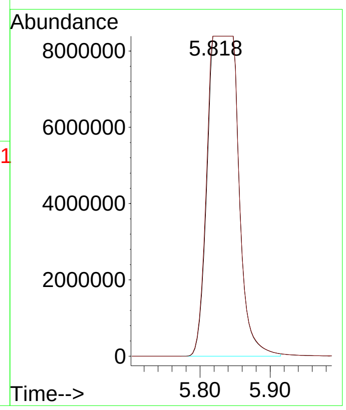
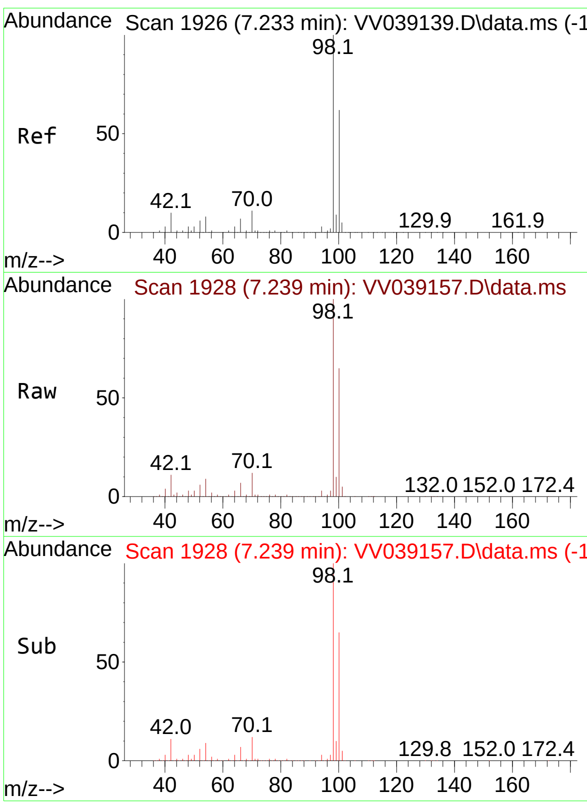


#44
Trichloroethene
Concen: 1943.227 ug/l m
RT: 5.818 min Scan# 14
Delta R.T. -0.010 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:130 Resp:25787799

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	199.2

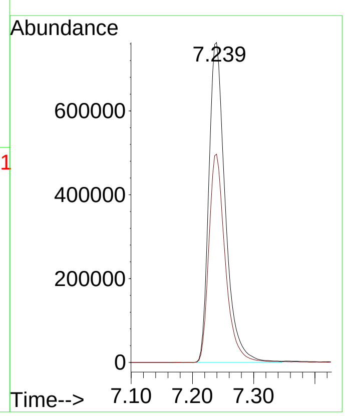


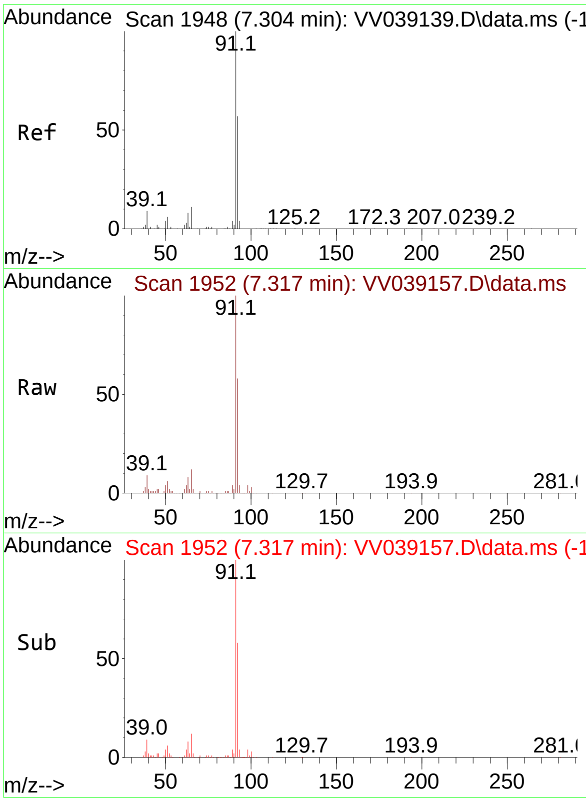


#50
Toluene-d8
Concen: 41.648 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 98 Resp: 1428833

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#52
Toluene
Concen: 4.614 ug/l
RT: 7.317 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 92 Resp: 15385

Ion	Ratio	Lower	Upper
92	100		
91	174.8	139.2	208.8

Instrument :
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FW7D

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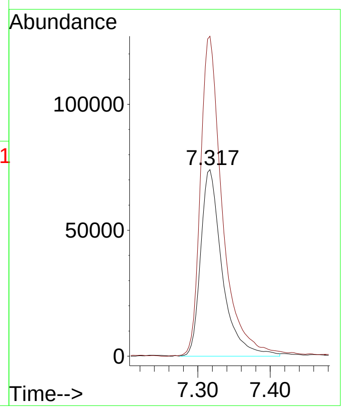
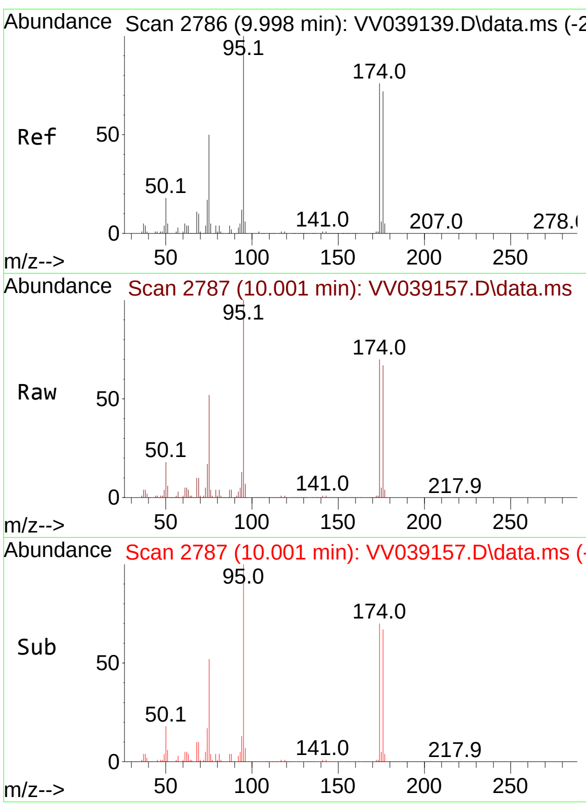
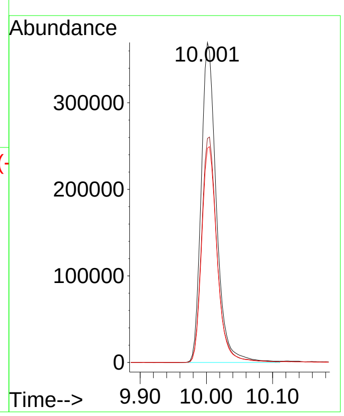




#62
4-Bromofluorobenzene
Concen: 41.746 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 95 Resp: 589602

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	150.4
176	68.6	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
FW7D

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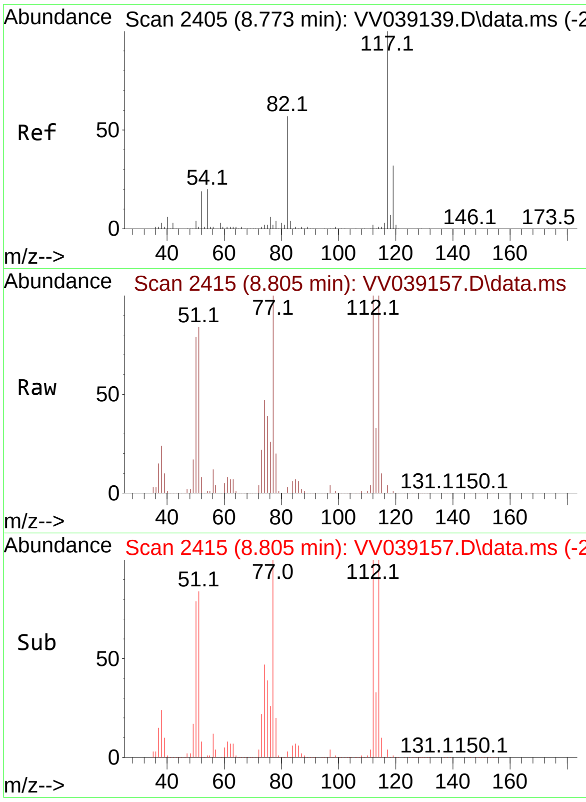
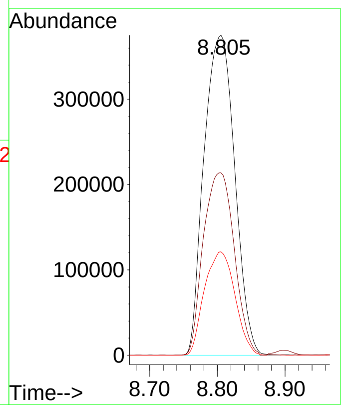
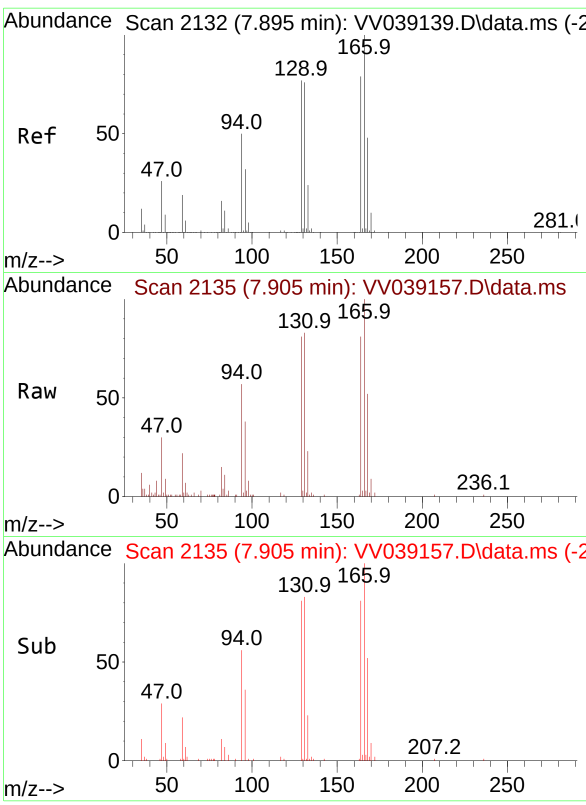


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.805 min Scan# 24
Delta R.T. 0.032 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:117 Resp: 118644

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.2
119	32.3	25.6	38.4

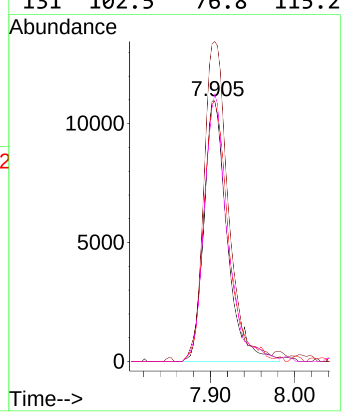




#64
Tetrachloroethene
Concen: 2.118 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:164 Resp: 21046

Ion	Ratio	Lower	Upper
164	100		
166	122.9	101.6	152.4
129	99.8	78.5	117.7
131	102.5	76.8	115.2



Instrument :
MSVOA_V
ClientSampleId :
FW7D

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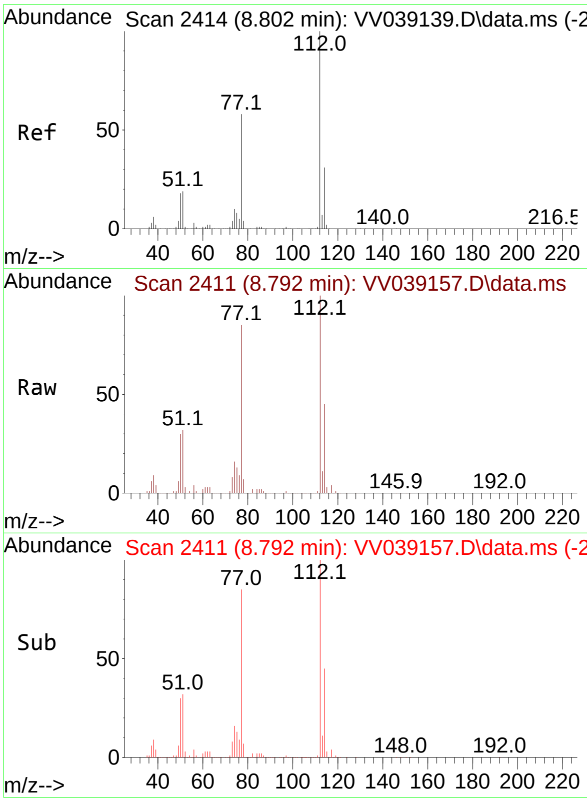


```
#65
Chlorobenzene
Concen: 1574.331 ug/l m
RT:    8.792 min   Scan# 24
Delta R.T.   -0.010 min
Lab File:    VV039157.D
Acq: 24 Sep 2025   17:00

Tgt Ion:112 Resp:5202796
Ion  Ratio  Lower   Upper
112  100
114   45.4   24.6    37.0#
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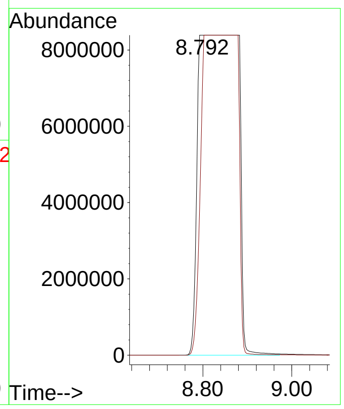
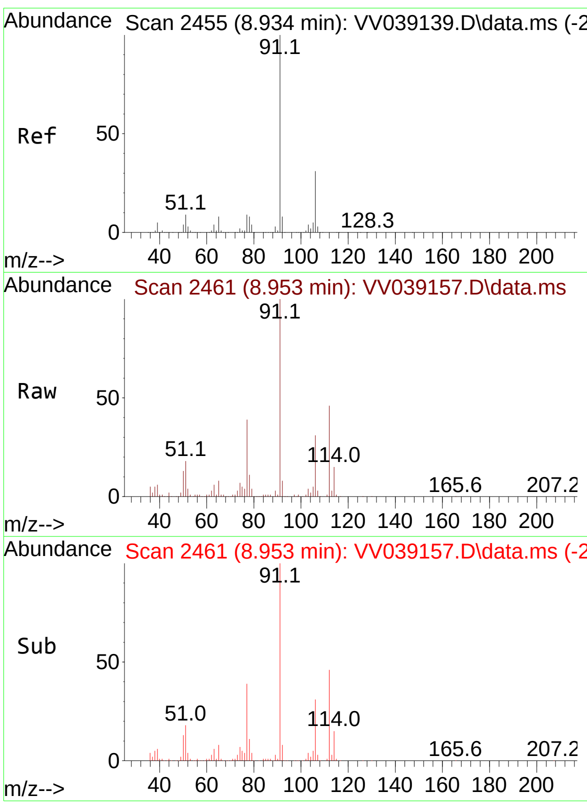
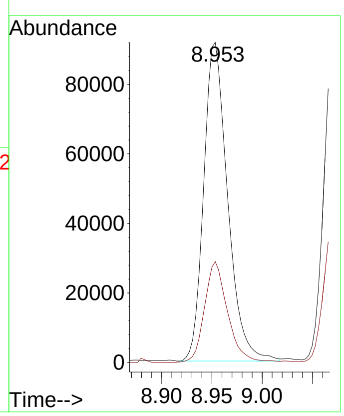





```
#67
Ethyl Benzene
Concen:    3.049 ug/l
RT:    8.953 min   Scan# 2461
Delta R.T.   0.019 min
Lab File:    VV039157.D
Acq: 24 Sep 2025   17:00

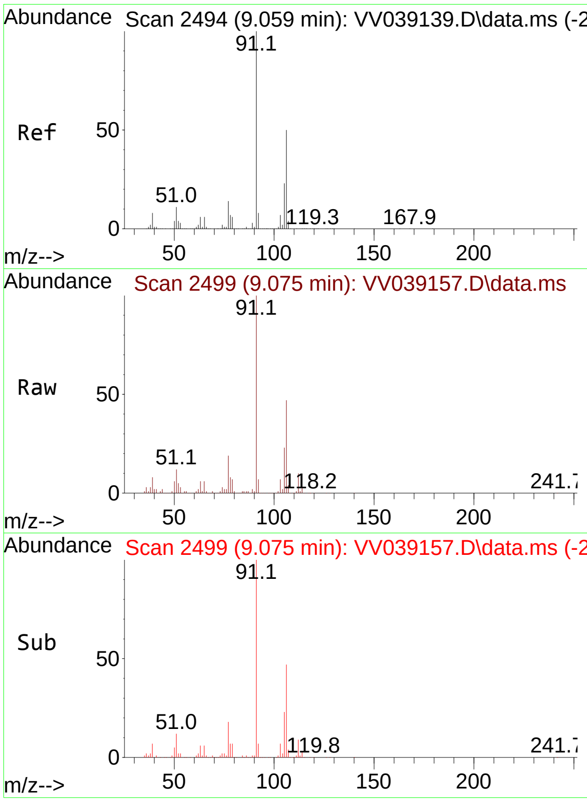
Tgt Ion: 91 Resp:   152525
Ion  Ratio  Lower   Upper
 91  100
106   31.5   24.6    37.0
```



Instrument :
MSVOA_V
ClientSampleId :
FW7D

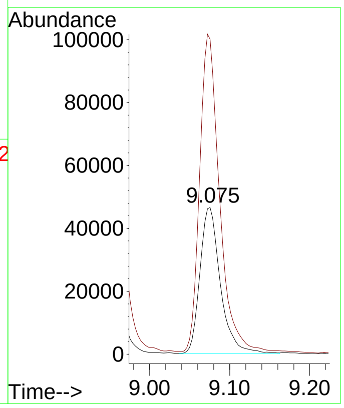
Manual Integrations APPROVED

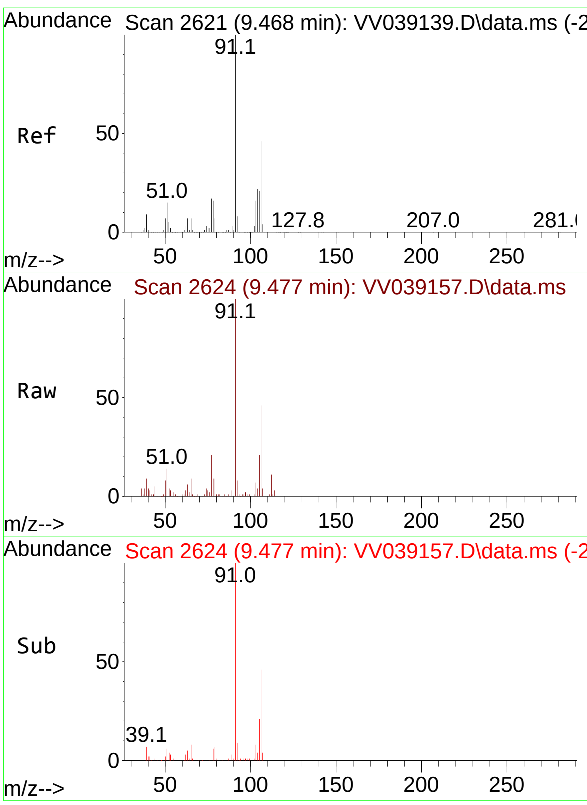
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025




```
#68
m/p-Xylenes
Concen:    4.284 ug/l
RT:   9.075 min  Scan# 24
Delta R.T.  0.016 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

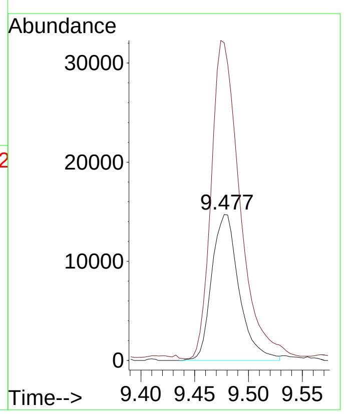
Tgt Ion:106 Resp:   82715
Ion  Ratio  Lower  Upper
106  100
 91  214.6  162.5  243.7
```

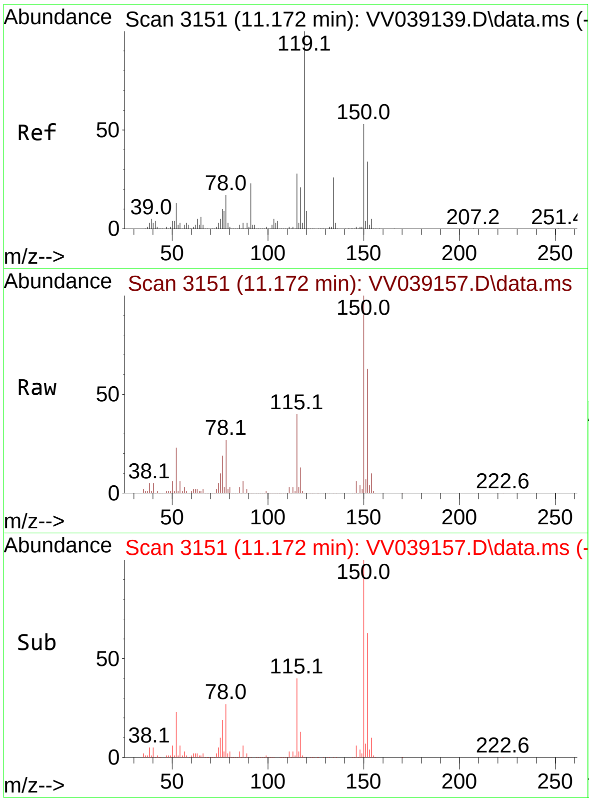





```
#69
o-Xylene
Concen:    1.519 ug/l
RT:   9.477 min  Scan# 2624
Delta R.T.  0.010 min
Lab File:   VV039157.D
Acq: 24 Sep 2025  17:00

Tgt Ion:106 Resp:   25960
Ion  Ratio  Lower  Upper
106  100
 91  230.1  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: VV039157.D
Acq: 24 Sep 2025 17:00

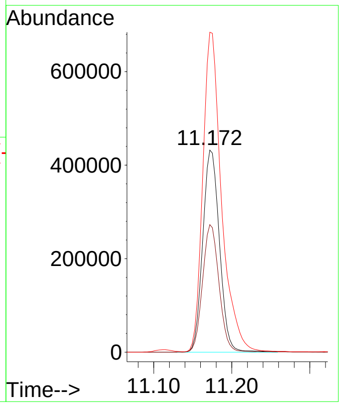
Instrument :
MSVOA_V
ClientSampleId :
FW7D

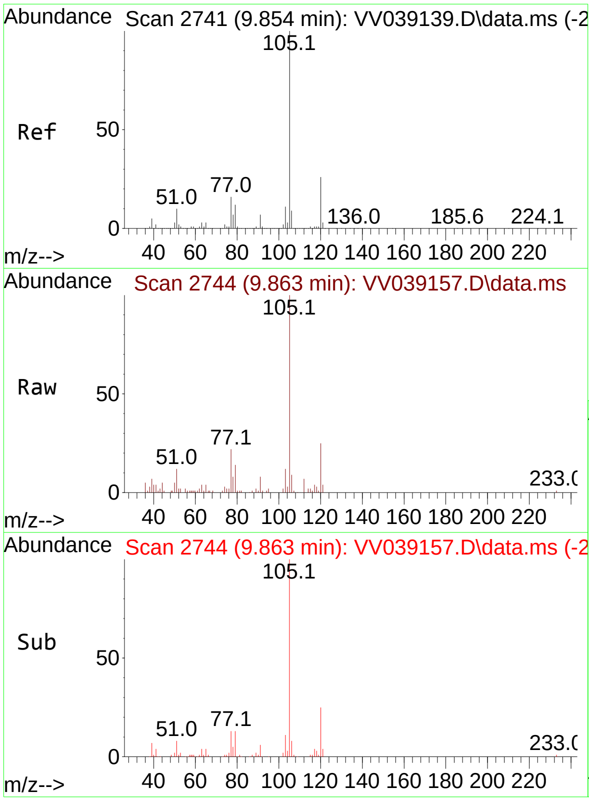
Tgt Ion:152 Resp: 645392

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.8	134.4
150	176.6	0.0	353.8

Manual Integrations APPROVED

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

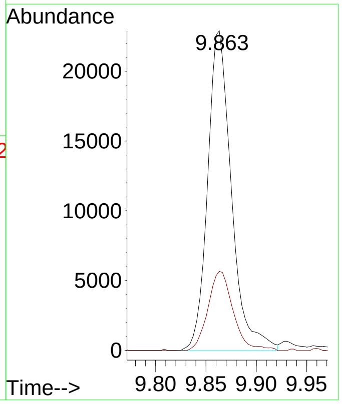




#73
Isopropylbenzene
Concen: 0.805 ug/l
RT: 9.863 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:105 Resp: 37694

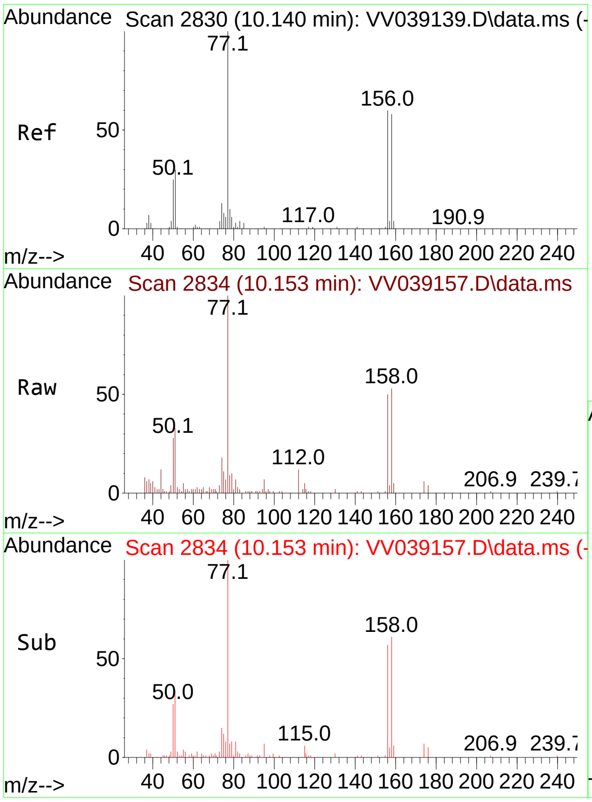
Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
FW7D

Manual Integrations
APPROVED

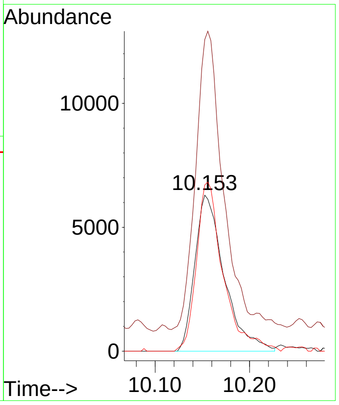
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

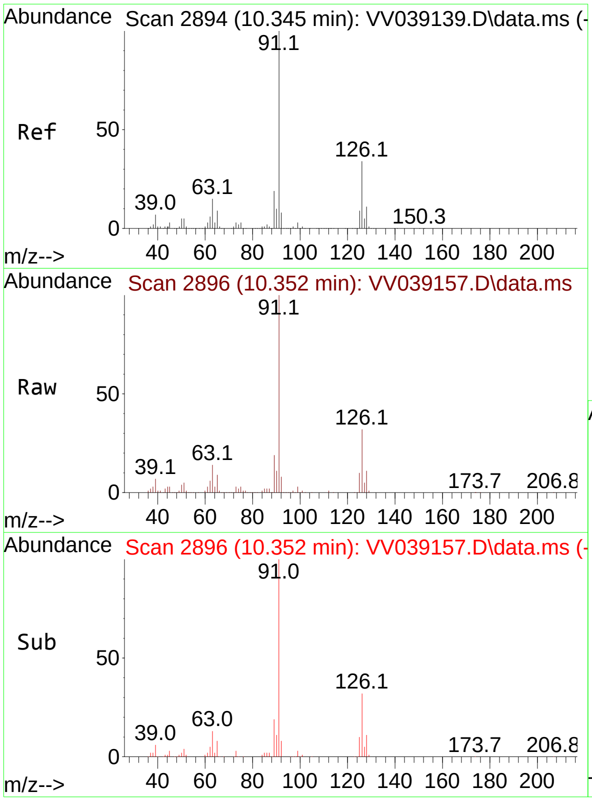


#77
Bromobenzene
Concen: 1.122 ug/l
RT: 10.153 min Scan# 28
Delta R.T. 0.013 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:156 Resp: 13631

Ion	Ratio	Lower	Upper
156	100		
77	174.6	83.4	250.1
158	98.2	48.8	146.4

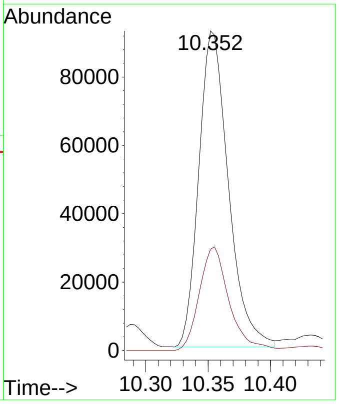




#79
2-Chlorotoluene
Concen: 4.485 ug/l
RT: 10.352 min Scan# 2896
Delta R.T. 0.006 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion: 91 Resp: 152988

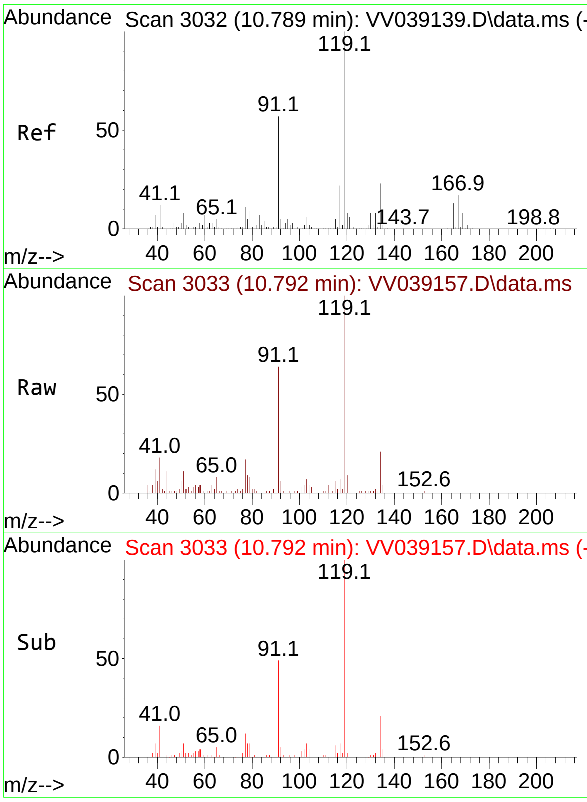
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.7	50.0



Instrument :
MSVOA_V
ClientSampleId :
FW7D

Manual Integrations APPROVED

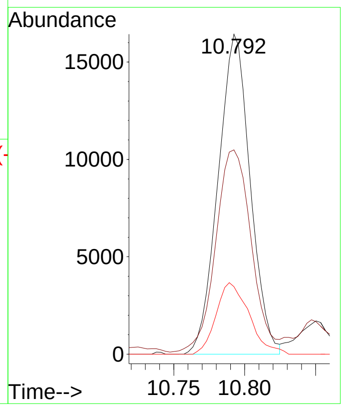
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

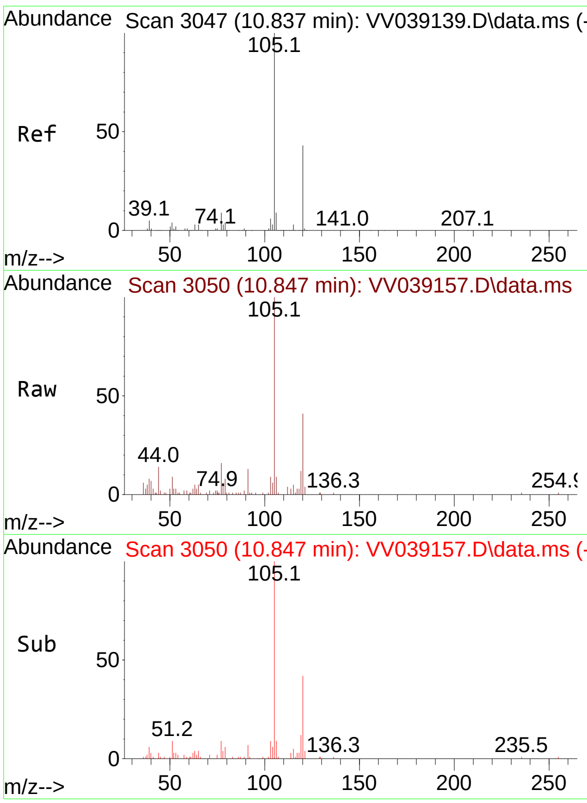


#83
tert-Butylbenzene
Concen: 0.668 ug/l
RT: 10.792 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:119 Resp: 2590

Ion	Ratio	Lower	Upper
119	100		
91	69.7	28.5	85.6
134	22.9	11.5	34.4

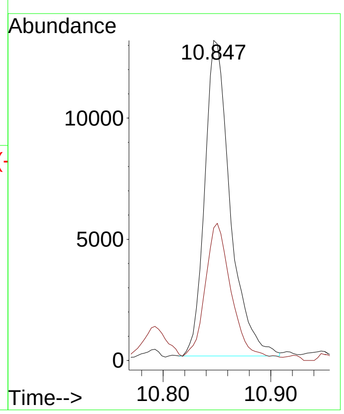




#84
1,2,4-Trimethylbenzene
Concen: 0.569 ug/l
RT: 10.847 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:105 Resp: 21492

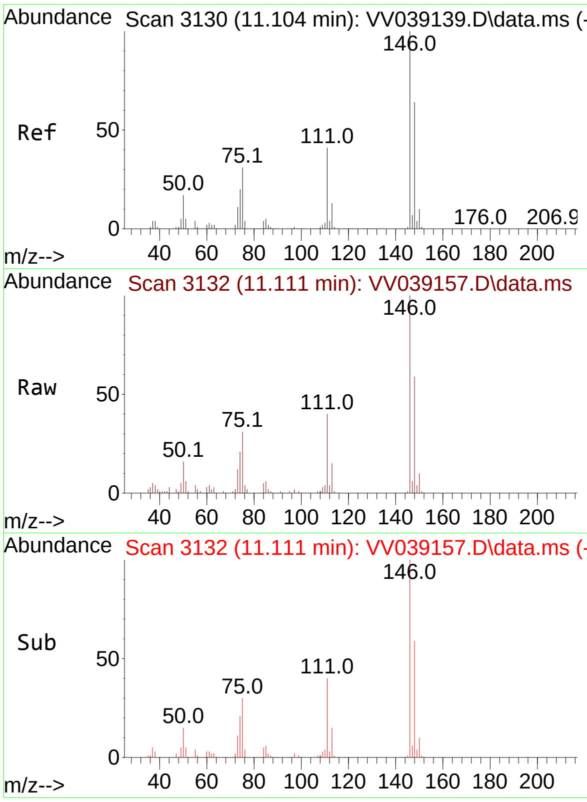
Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.4	67.2



Instrument :
MSVOA_V
ClientSampleId :
FW7D

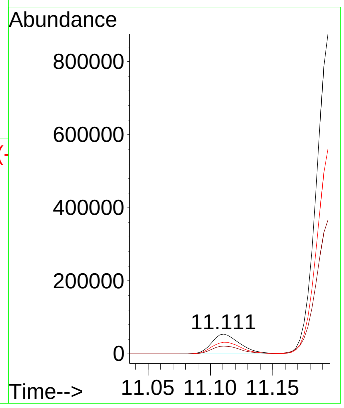
Manual Integrations APPROVED

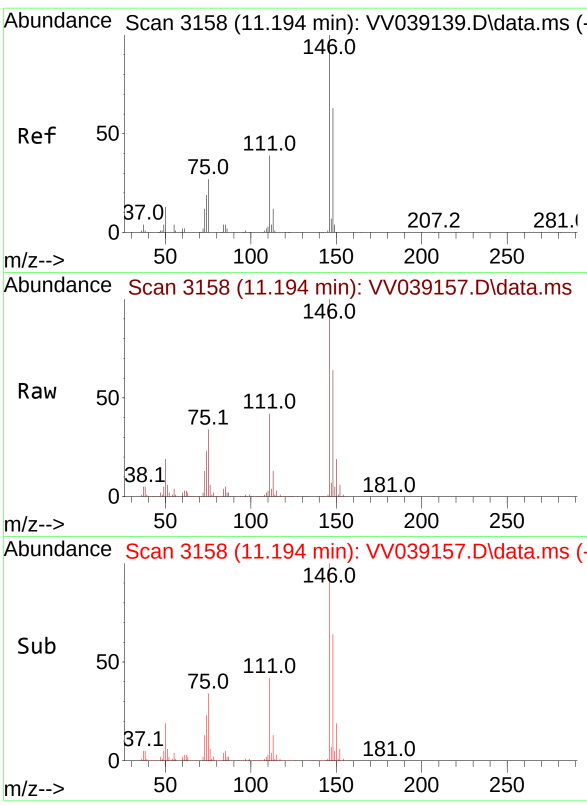
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025




```
#87
1,3-Dichlorobenzene
Concen:     3.550 ug/l
RT:   11.111 min   Scan# 3
Delta R.T.   0.006 min
Lab File:    VV039157.D
Acq: 24 Sep 2025   17:00

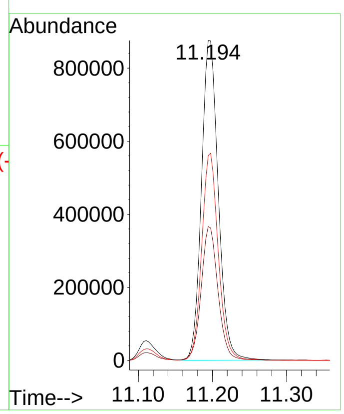
Tgt Ion:146 Resp:    8724
Ion   Ratio   Lower   Upper
146   100
111    41.7    20.9    62.8
148    62.4    31.8    95.3
```

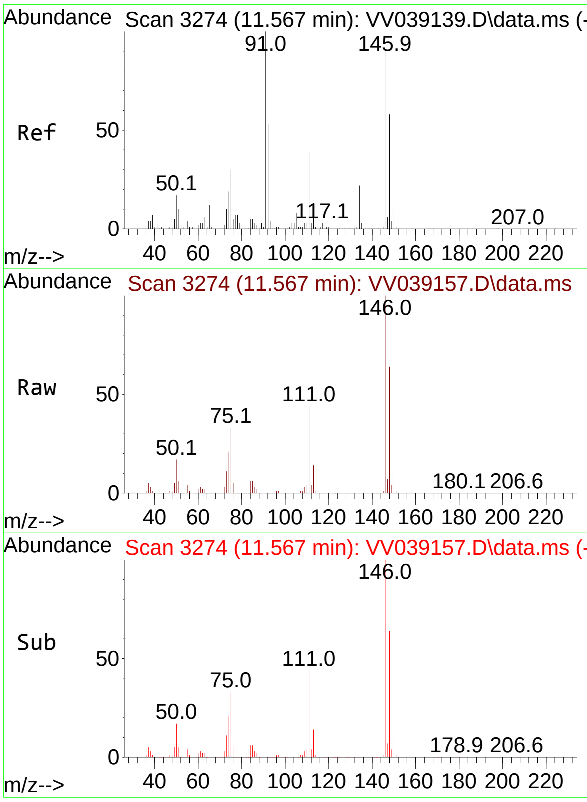





```
#88
1,4-Dichlorobenzene
Concen:    51.115 ug/l
RT:   11.194 min   Scan# 3158
Delta R.T.  -0.000 min
Lab File:    VV039157.D
Acq: 24 Sep 2025   17:00

Tgt Ion:146 Resp: 1378381
Ion   Ratio   Lower   Upper
146   100
111    42.0    20.3    60.8
148    63.8    31.4    94.2
```





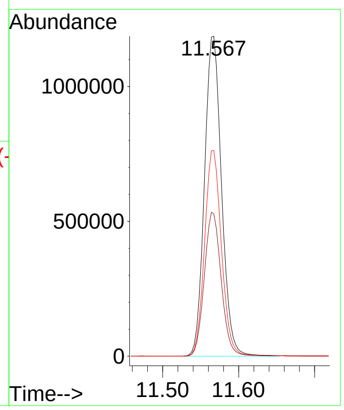
#91
1,2-Dichlorobenzene
Concen: 80.719 ug/l
RT: 11.567 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

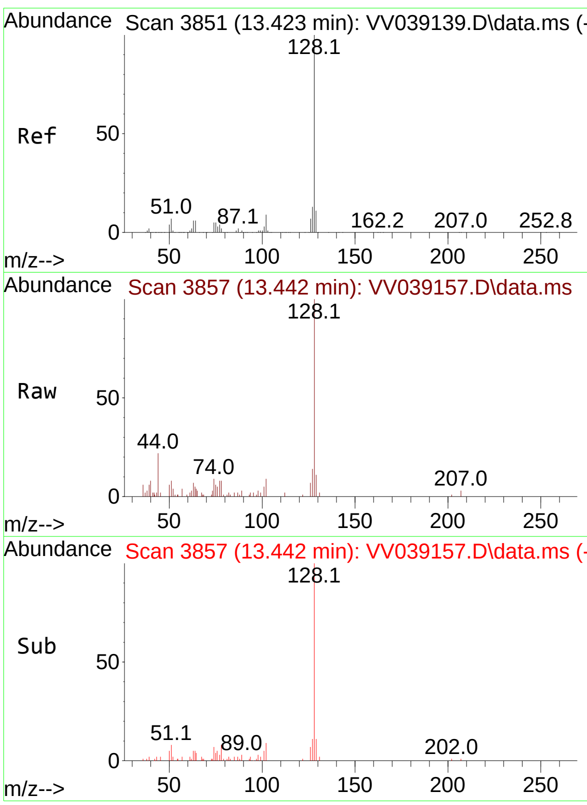
Tgt Ion:146 Resp: 1853630

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.5	64.5
148	63.6	31.9	95.7

Instrument :
MSVOA_V
ClientSampleId :
FW7D

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

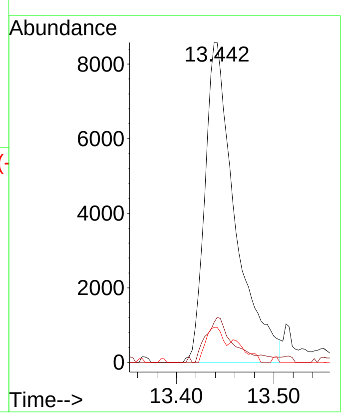




#95
Naphthalene
Concen: 0.434 ug/l
RT: 13.442 min Scan# 3857
Delta R.T. 0.019 min
Lab File: VV039157.D
Acq: 24 Sep 2025 17:00

Tgt Ion:128 Resp: 18472

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	6.4	8.6	13.0#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039157.D
Acq On : 24 Sep 2025 17:00
Operator : SY/MD
Sample : Q3172-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW7D

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: VV039157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.815	844	863	928	rBV	26145489	71531155	11.94%	8.175%
2	5.834	1469	1491	1542	rBV3	87255524	197058586	32.90%	22.520%
3	8.863	2396	2433	2453	rBV9	122305586	598886321	100.00%	68.441%
4	11.564	3261	3273	3301	rBV	4898790	7563596	1.26%	0.864%

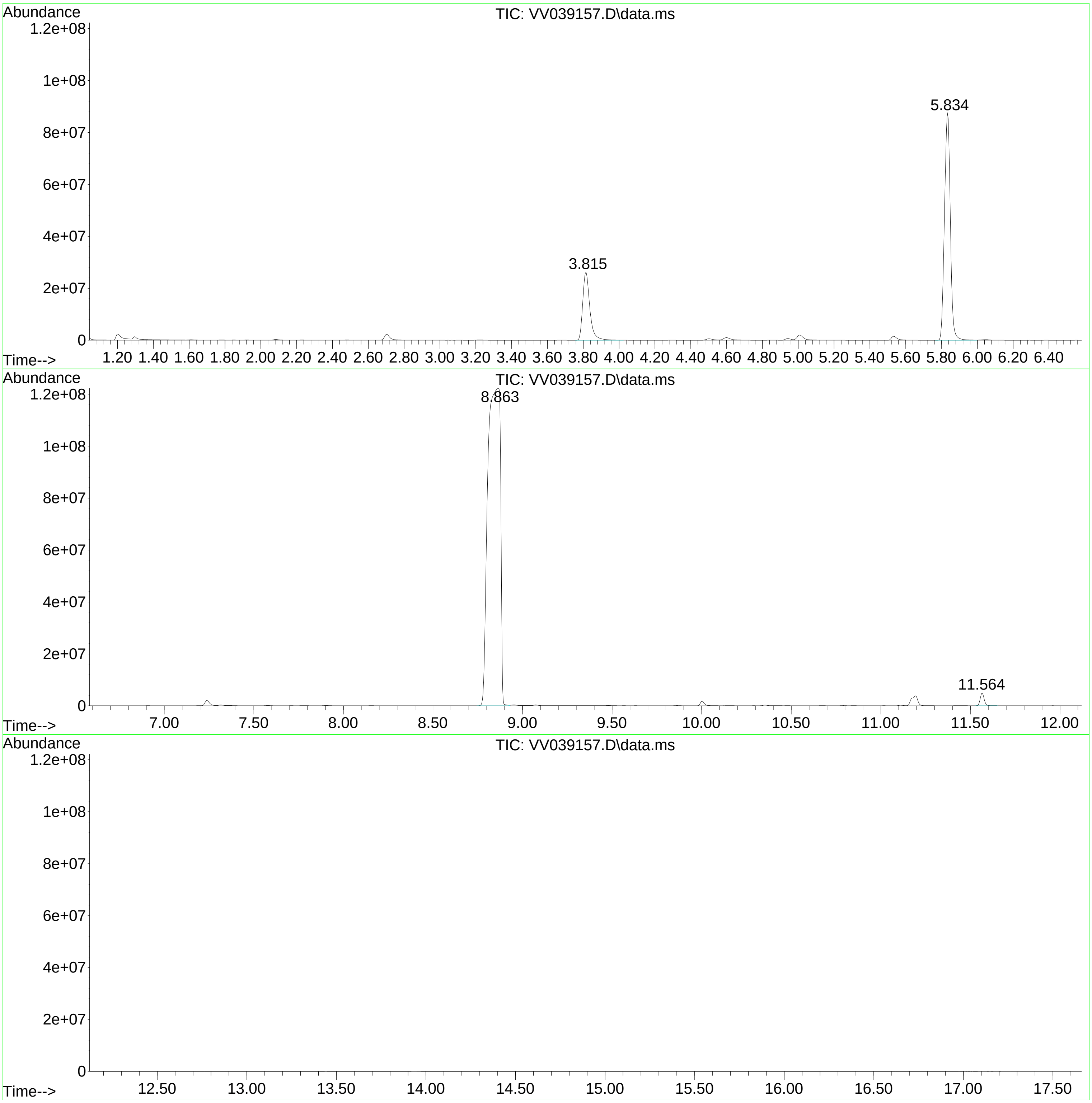
Sum of corrected areas: 875039658

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039157.D
Acq On : 24 Sep 2025 17:00
Operator : SY/MD
Sample : Q3172-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW7D

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 : VV039157.D
Acq On    : 24 Sep 2025  17:00
Operator  : SY/MD
Sample    : Q3172-01
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 14   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 :
FW7D


```
No Library Search Compounds Detected
**********************************************************************
```

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039157.D
Acq On    : 24 Sep 2025  17:00
Operator  : SY/MD
Sample    : Q3172-01
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 14   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

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

Instrument :
MSVOA_V
ClientSampleId :
FW7D

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039182.D
Acq On : 25 Sep 2025 15:33
Operator : SY/MD
Sample : Q3172-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

Quant Time: Sep 26 01:30:43 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

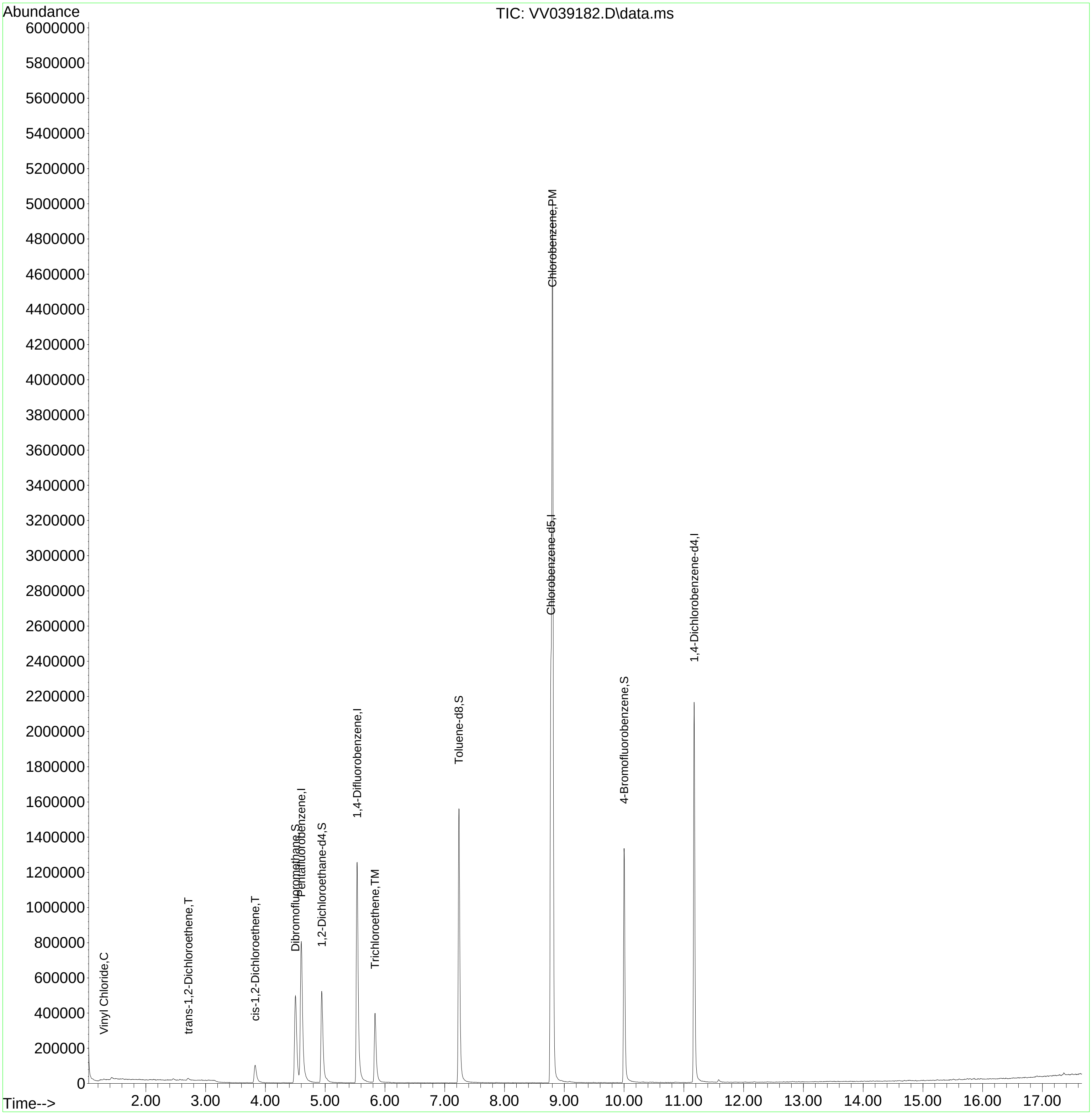
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	4.600	168	686688	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1217519	50.000 ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1189450	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	556145	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	4.944	65	468975	47.188 ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 94.380%		
35) Dibromofluoromethane	4.503	113	418030	42.709 ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 85.420%		
50) Toluene-d8	7.236	98	1147282	39.909 ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 79.820%#		
62) 4-Bromofluorobenzene	10.001	95	465413	39.327 ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 78.660%#		
Target Compounds					Qvalue
4) Vinyl Chloride	1.297	62	3724	0.298 ug/l	89
21) trans-1,2-Dichloroethene	2.712	96	4306	0.391 ug/l	85
27) cis-1,2-Dichloroethene	3.828	96	66779	5.493 ug/l	89
44) Trichloroethene	5.834	130	163013	14.660 ug/l	93
65) Chlorobenzene	8.802	112	2711601	81.844 ug/l	98

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

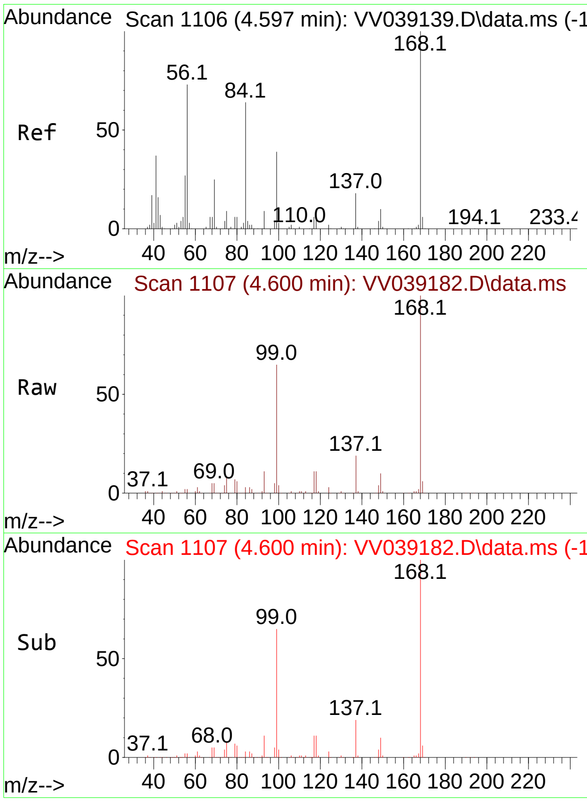
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039182.D
Acq On : 25 Sep 2025 15:33
Operator : SY/MD
Sample : Q3172-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

Quant Time: Sep 26 01:30:43 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



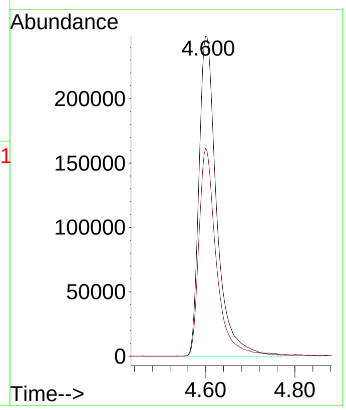
Instrument : MSVOA_V
ClientSampleId : FW7DDL

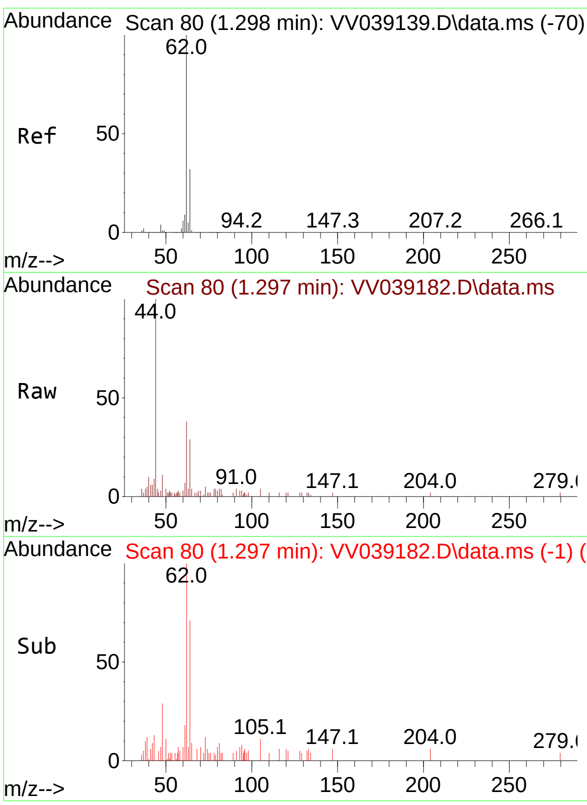


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:168 Resp: 686688

Ion	Ratio	Lower	Upper
168	100		
99	64.9	49.6	74.4

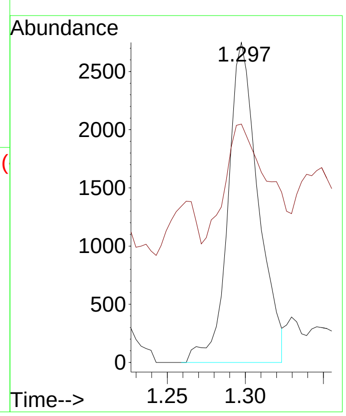




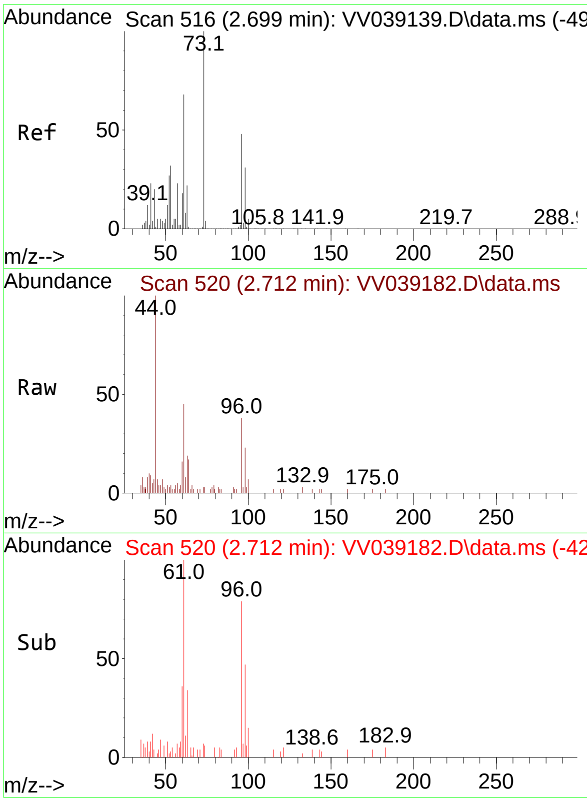
#4
Vinyl Chloride
Concen: 0.298 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 62 Resp: 3724

Ion	Ratio	Lower	Upper
62	100		
64	25.8	25.6	38.4



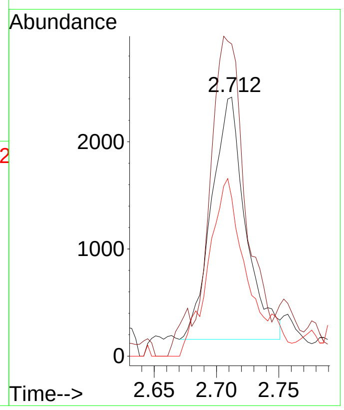
Instrument : MSVOA_V
ClientSampleId : FW7DDL

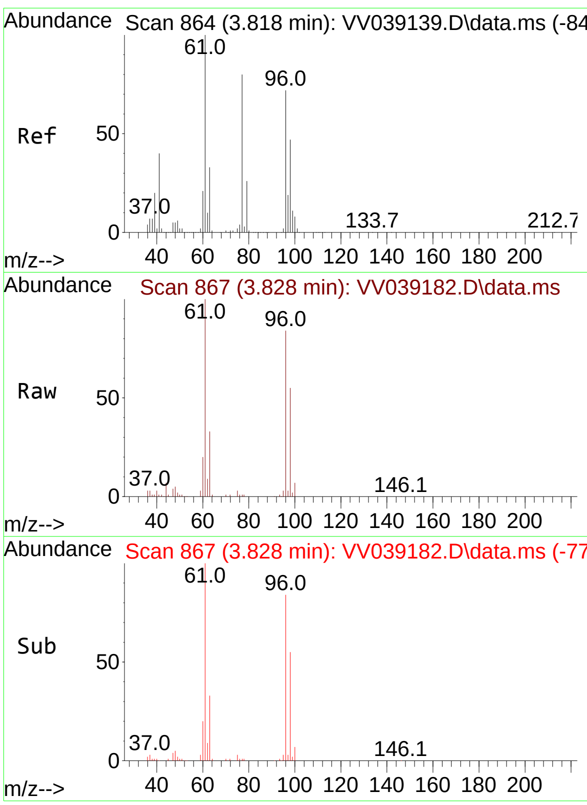


#21
trans-1,2-Dichloroethene
Concen: 0.391 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.013 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 96 Resp: 4306

Ion	Ratio	Lower	Upper
96	100		
61	115.9	112.8	169.2
98	65.3	51.1	76.7

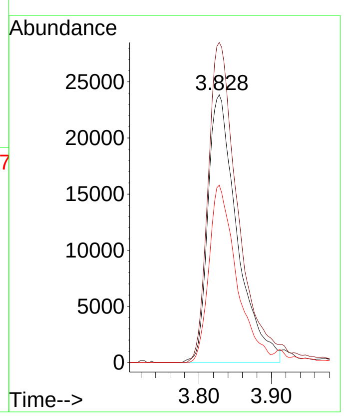




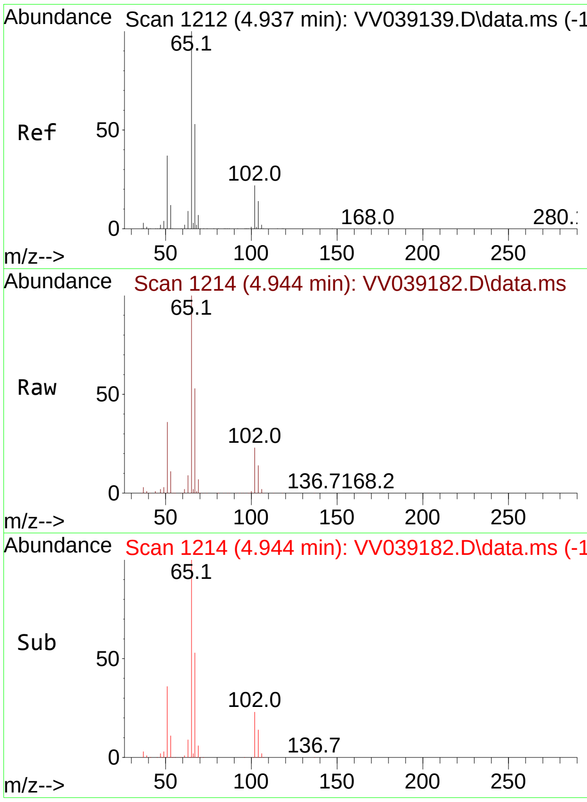
#27
cis-1,2-Dichloroethene
Concen: 5.493 ug/l
RT: 3.828 min Scan# 867
Delta R.T. 0.010 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 96 Resp: 66779

Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	286.4
98	62.3	0.0	126.6



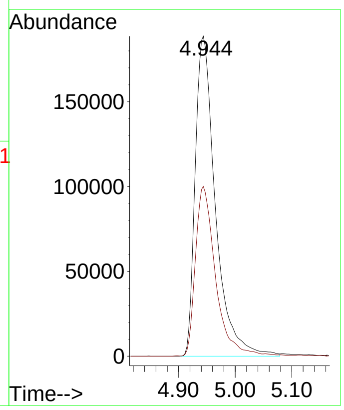
Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

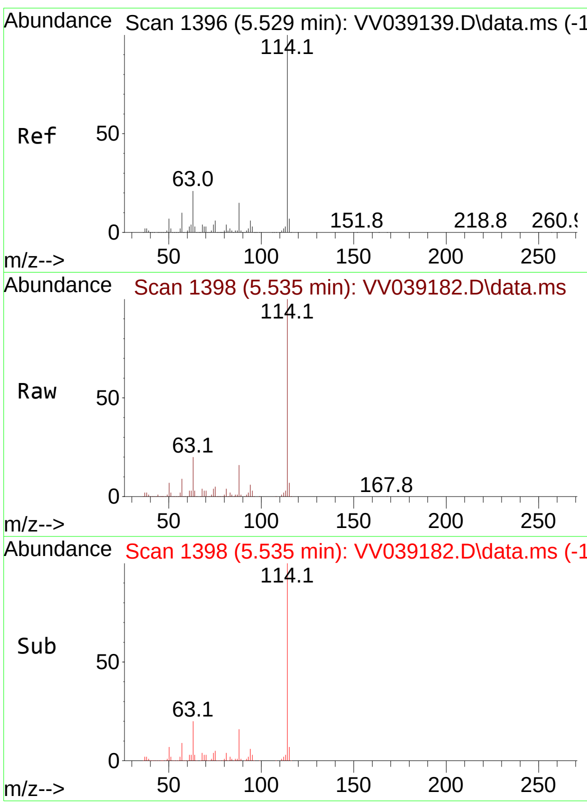


#33
1,2-Dichloroethane-d4
Concen: 47.188 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 65 Resp: 468975

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.0

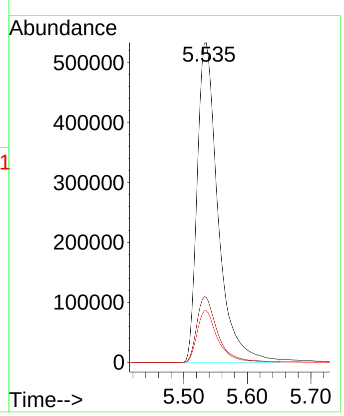




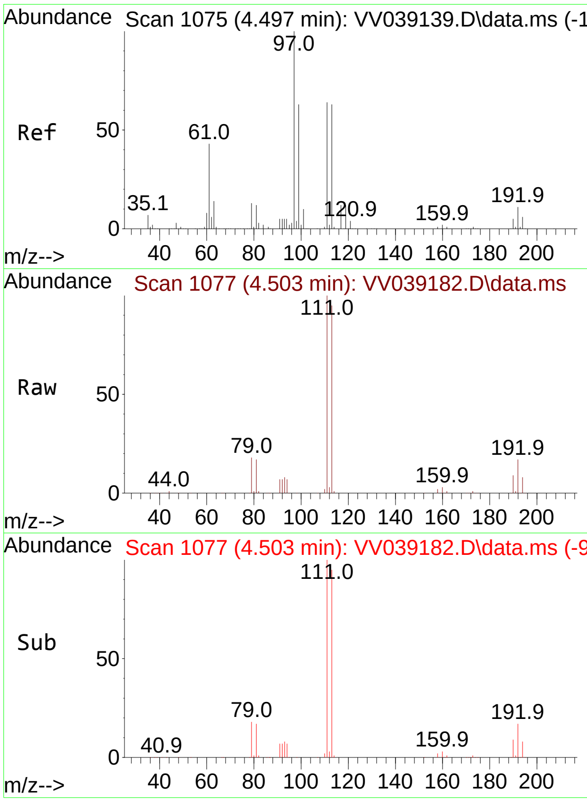
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:114 Resp: 1217519

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



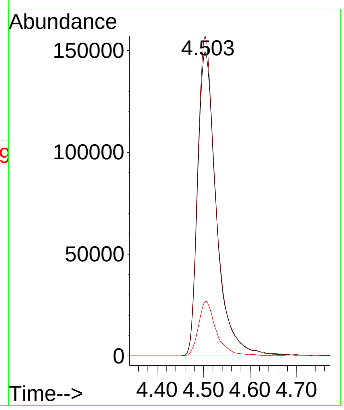
Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

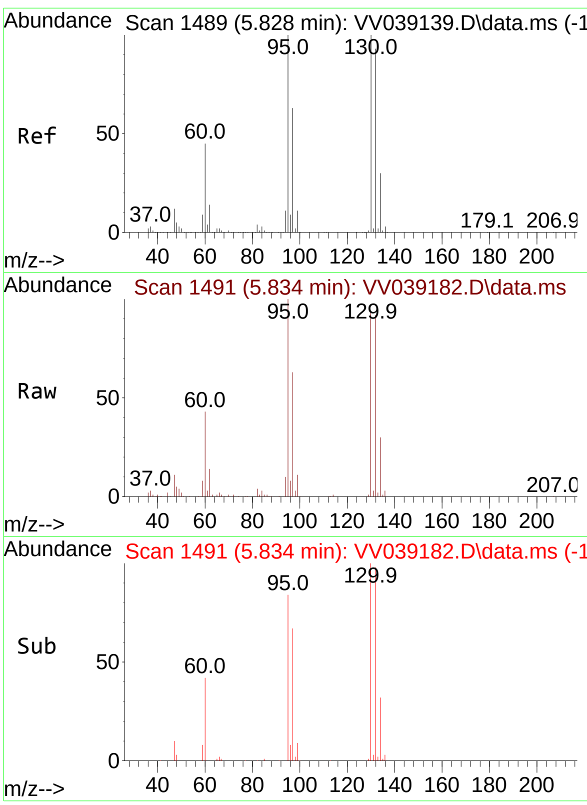


#35
Dibromofluoromethane
Concen: 42.709 ug/l
RT: 4.503 min   Scan# 1
Delta R.T.   0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025   15:33

Tgt Ion:113 Resp: 418030

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	17.1	13.8	20.8

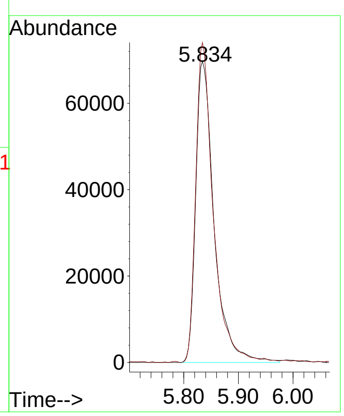


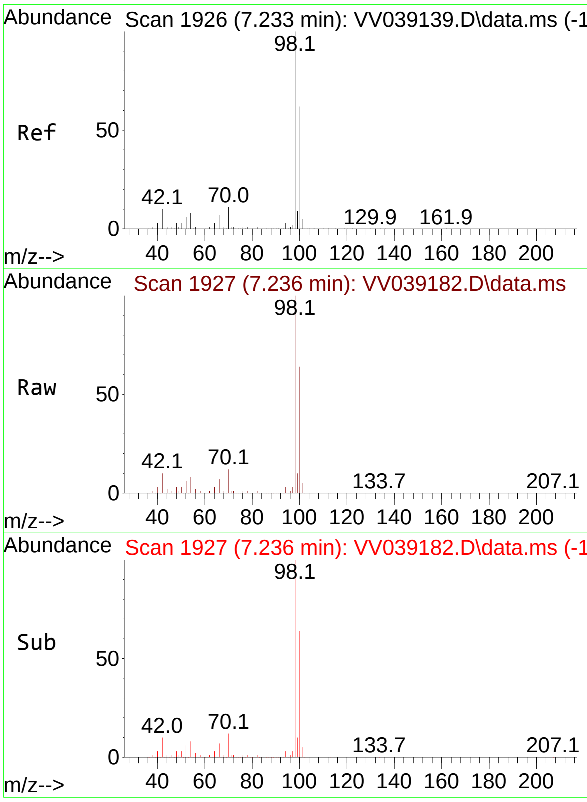


#44
Trichloroethene
Concen: 14.660 ug/l
RT: 5.834 min   Scan# 1491
Delta R.T.   0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025   15:33

Tgt Ion:130 Resp: 163013

Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	199.2

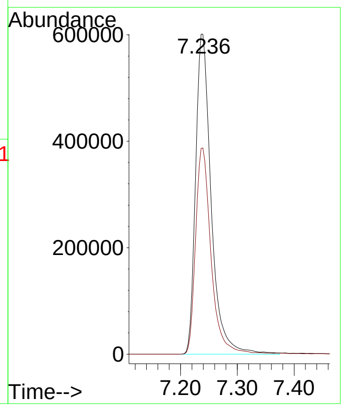


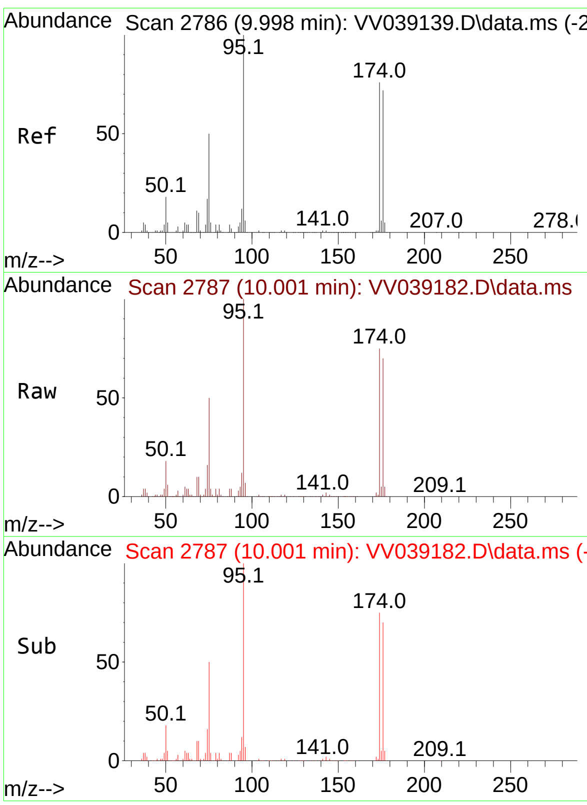


#50
Toluene-d8
Concen: 39.909 ug/l
RT: 7.236 min Scan# 19
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 98 Resp: 1147282

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

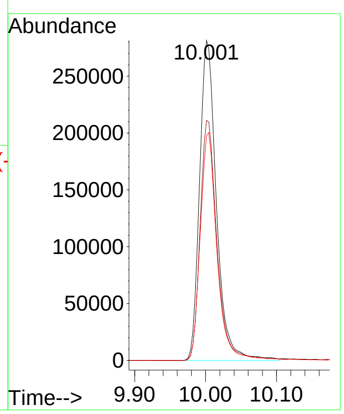




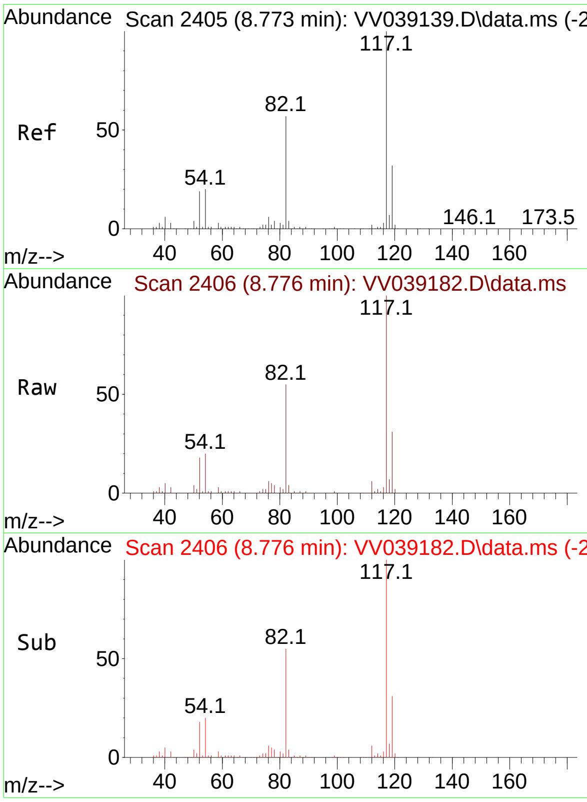
#62
4-Bromofluorobenzene
Concen: 39.327 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 95 Resp: 465413

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	70.5	0.0	144.2



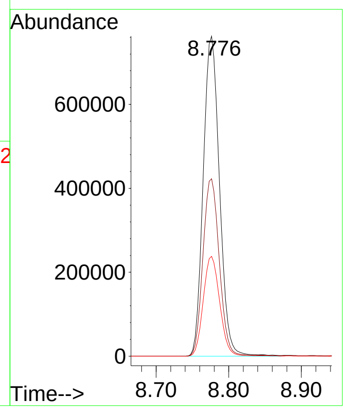
Instrument : MSVOA_V
ClientSampleId : FW7DDL

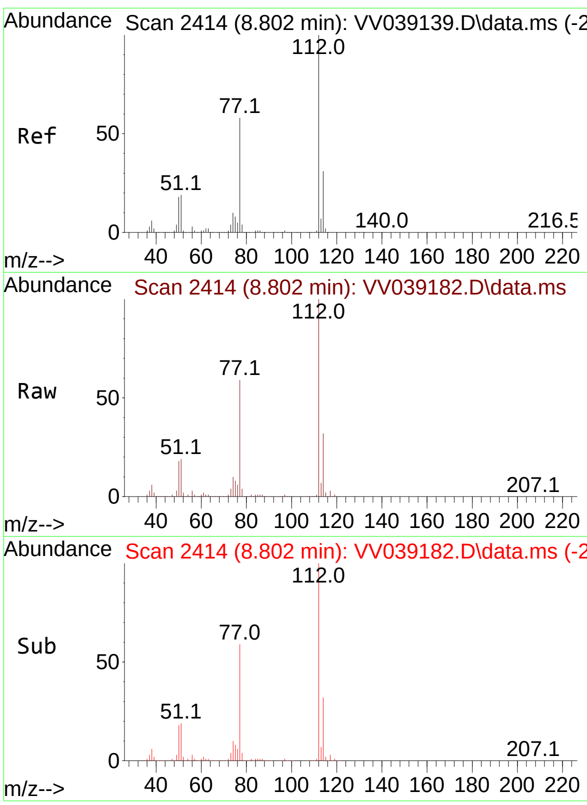


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:117 Resp: 1189450

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.4	68.2
119	31.2	25.6	38.4

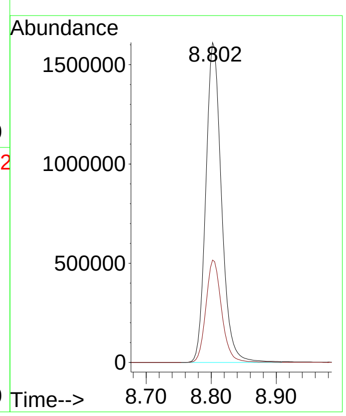


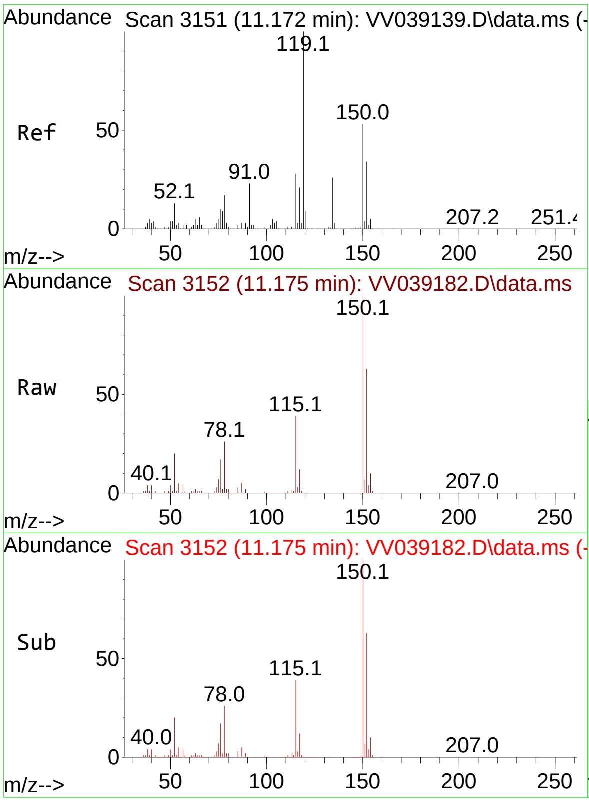


#65
Chlorobenzene
Concen: 81.844 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:112 Resp: 2711601

Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.6	37.0

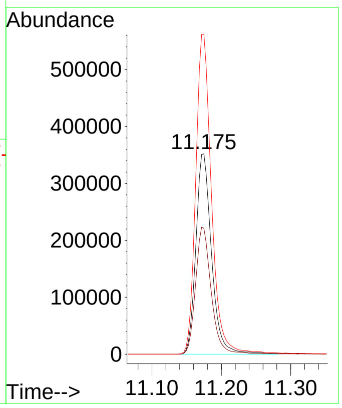





```
#72
1,4-Dichlorobenzene-d4
Concen:   50.000 ug/l
RT:  11.175 min  Scan# 3
Delta R.T.  0.003 min
Lab File:   VV039182.D
Acq: 25 Sep 2025  15:33

Tgt Ion:152 Resp:  556145
Ion  Ratio  Lower  Upper
152  100
115   62.8   44.8  134.4
150  159.7    0.0  353.8
```

Instrument :
MSVOA_V
ClientSampleId :
FW7DDL



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On : 24 Sep 2025 17:22
Operator : SY/MD
Sample : Q3172-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW6D

Quant Time: Sep 25 08:19:58 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

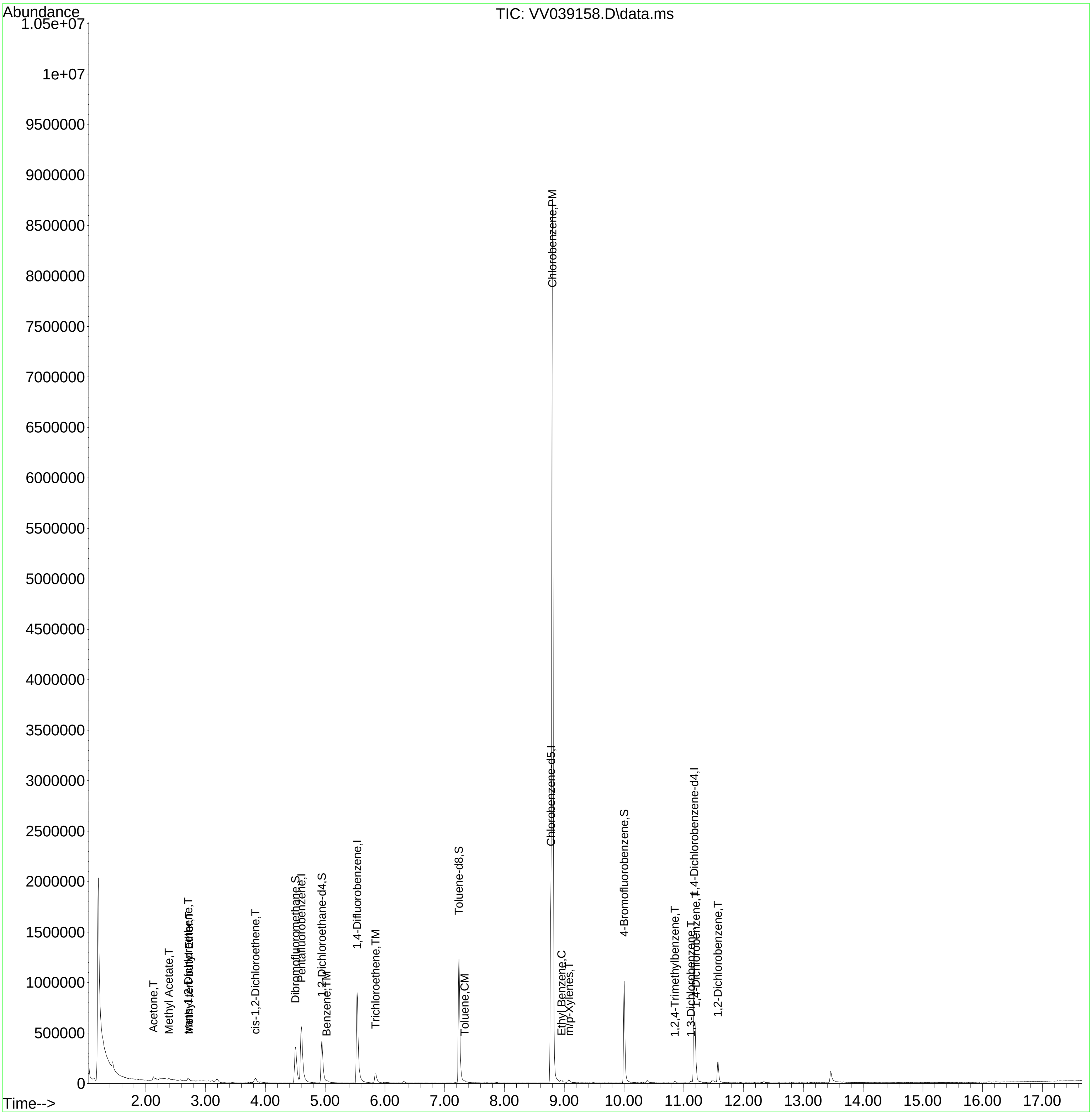
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	463506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	853323	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	809313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	359745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	368800	54.977	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	109.960%		
35) Dibromofluoromethane	4.503	113	296563	43.231	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	86.460%		
50) Toluene-d8	7.236	98	901302	44.734	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	89.460%		
62) 4-Bromofluorobenzene	10.001	95	349650	42.155	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	84.320%#		
Target Compounds						Qvalue
16) Acetone	2.127	43	44393	5.862	ug/l	97
18) Methyl Acetate	2.384	43	11727	1.180	ug/l #	89
19) Methyl tert-butyl Ether	2.722	73	9069	0.407	ug/l	95
21) trans-1,2-Dichloroethene	2.709	96	9864	1.326	ug/l	99
27) cis-1,2-Dichloroethene	3.835	96	21585	2.631	ug/l	91
40) Benzene	5.024	78	15483	0.458	ug/l	98
44) Trichloroethene	5.844	130	41729	5.354	ug/l	93
52) Toluene	7.333	92	9747	0.498	ug/l	97
65) Chlorobenzene	8.802	112	4564932	202.500	ug/l	97
67) Ethyl Benzene	8.953	91	16758	0.491	ug/l	96
68) m/p-Xylenes	9.082	106	10142	0.770	ug/l	89
84) 1,2,4-Trimethylbenzene	10.850	105	10972	0.521	ug/l	94
87) 1,3-Dichlorobenzene	11.120	146	7410	0.541	ug/l	95
88) 1,4-Dichlorobenzene	11.201	146	91622	6.096	ug/l	98
91) 1,2-Dichlorobenzene	11.571	146	84138	6.573	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On : 24 Sep 2025 17:22
Operator : SY/MD
Sample : Q3172-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

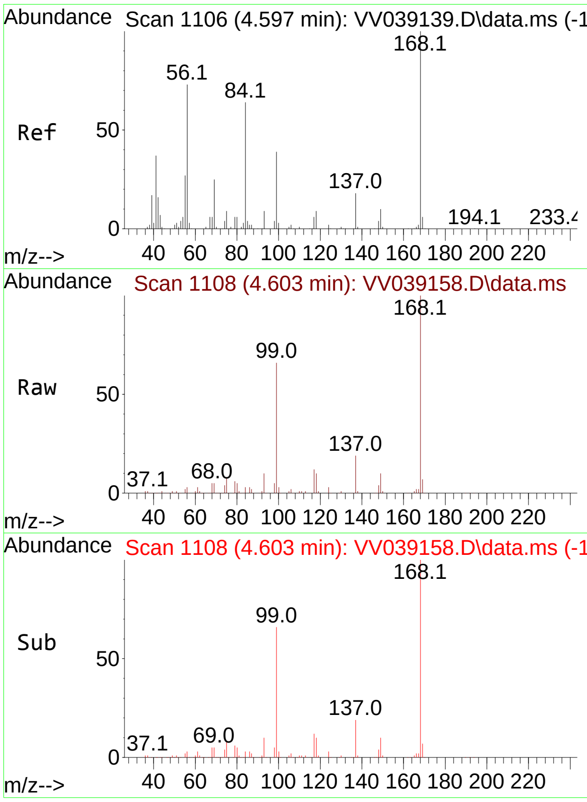
Instrument : MSVOA_V
ClientSampleId : FW6D

Quant Time: Sep 25 08:19:58 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 :
FW6D

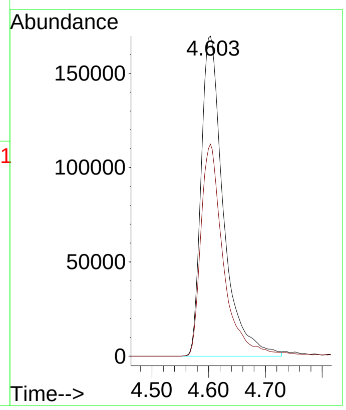
A B C D E F G H I J

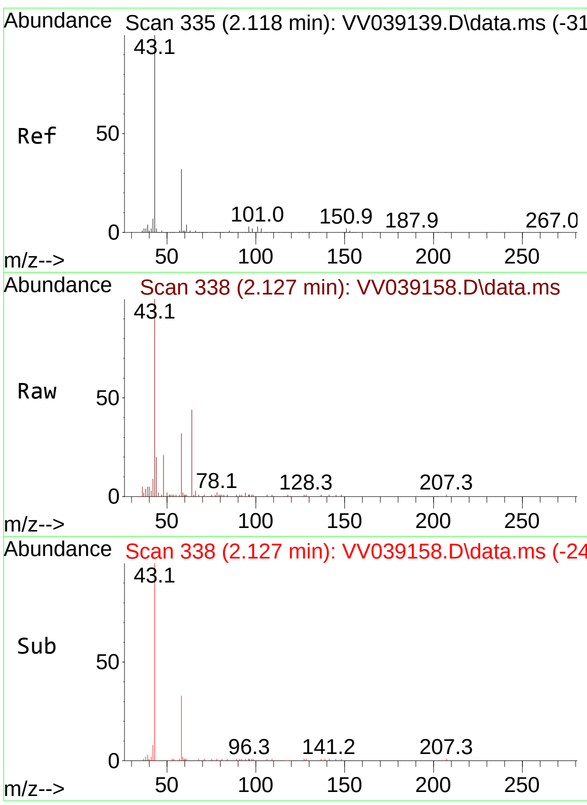


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min   Scan# 1
Delta R.T.   0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

Tgt Ion:168 Resp: 463506

Ion	Ratio	Lower	Upper
168	100		
99	66.3	49.6	74.4

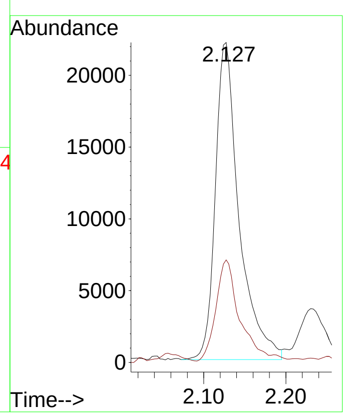




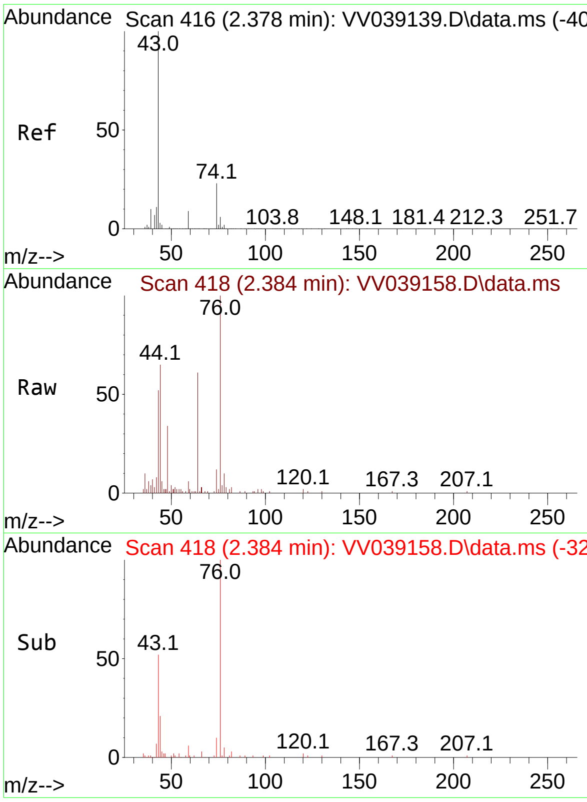
#16
Acetone
Concen: 5.862 ug/l
RT: 2.127 min   Scan# 338
Delta R.T.   0.009 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

Tgt Ion: 43 Resp: 44393

Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.8	38.6



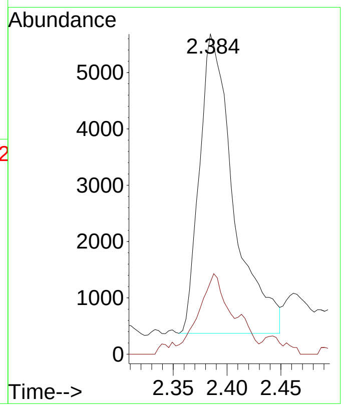
Instrument :
MSVOA_V
ClientSampleId :
FW6D

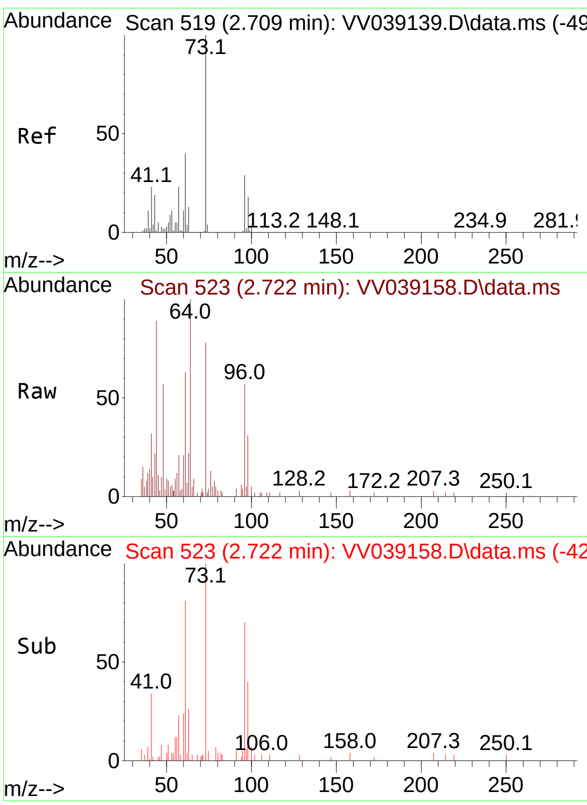


#18
Methyl Acetate
Concen: 1.180 ug/l
RT: 2.384 min   Scan# 418
Delta R.T.   0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

Tgt Ion: 43 Resp: 11727

Ion	Ratio	Lower	Upper
43	100		
74	18.0	18.6	27.8#

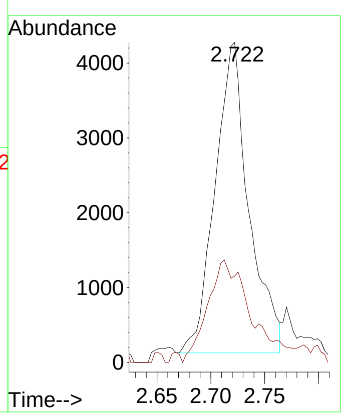




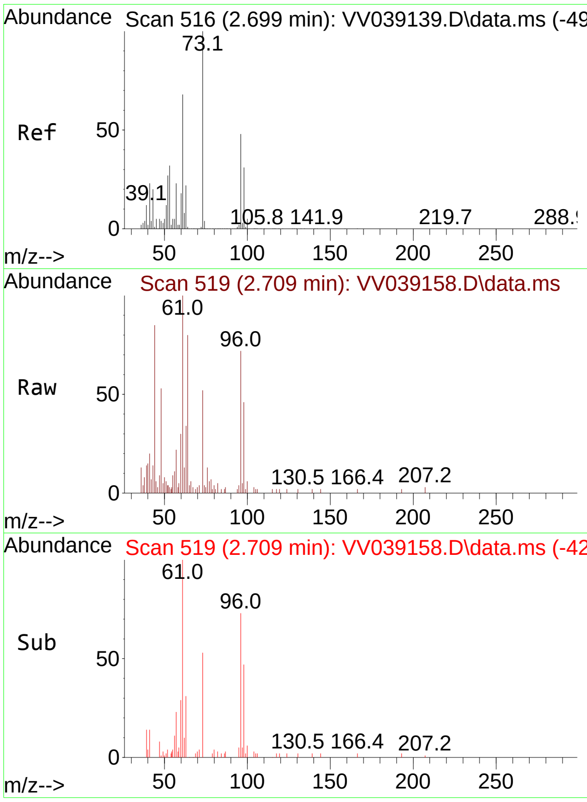
#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 2.722 min   Scan# 523
Delta R.T.   0.013 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

Tgt Ion: 73 Resp: 9069

Ion	Ratio	Lower	Upper
73	100		
57	25.2	18.2	27.4



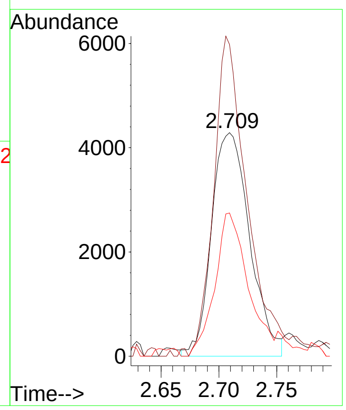
Instrument : MSVOA_V
ClientSampleId : FW6D

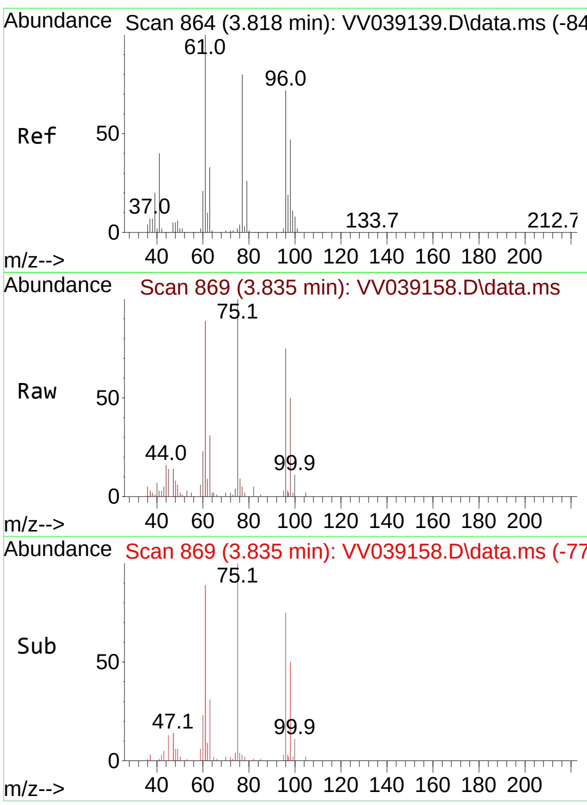


#21
trans-1,2-Dichloroethene
Concen: 1.326 ug/l
RT: 2.709 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion: 96 Resp: 9864

Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.8	169.2
98	65.9	51.1	76.7

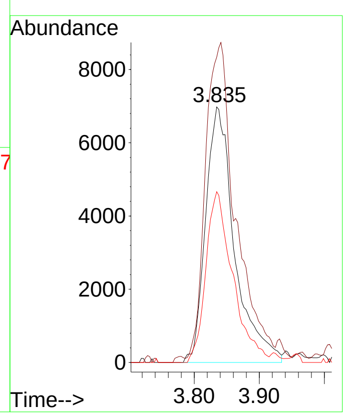




#27
cis-1,2-Dichloroethene
Concen: 2.631 ug/l
RT: 3.835 min Scan# 869
Delta R.T. 0.016 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion: 96 Resp: 21585

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	286.4
98	62.1	0.0	126.6



A
B
C
D
E
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I
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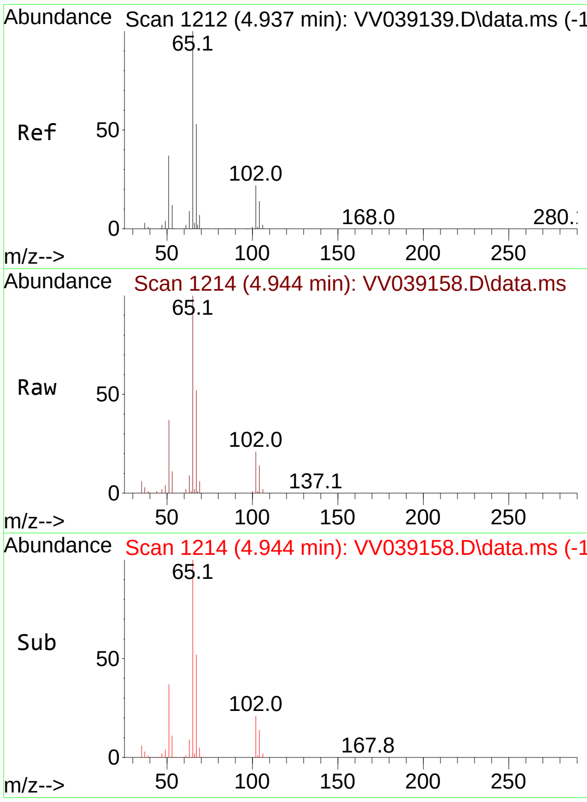
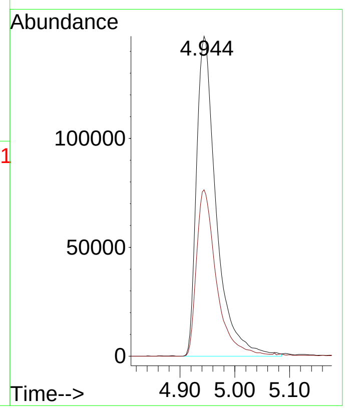
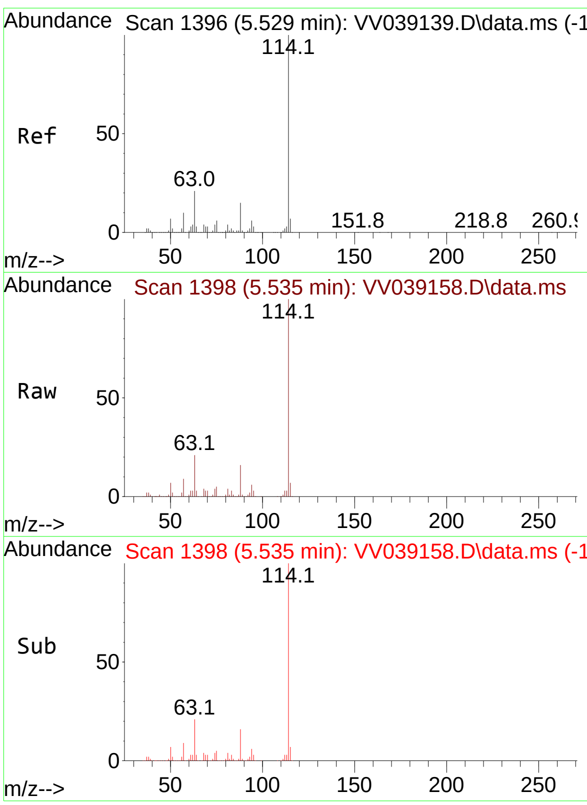


#33
1,2-Dichloroethane-d4
Concen: 54.977 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion: 65 Resp: 368800

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.0

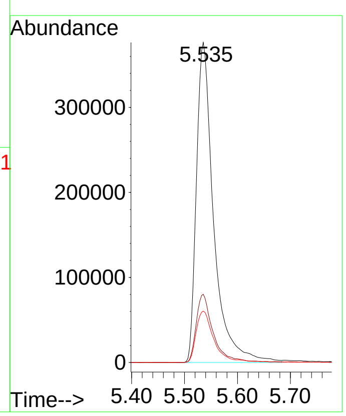




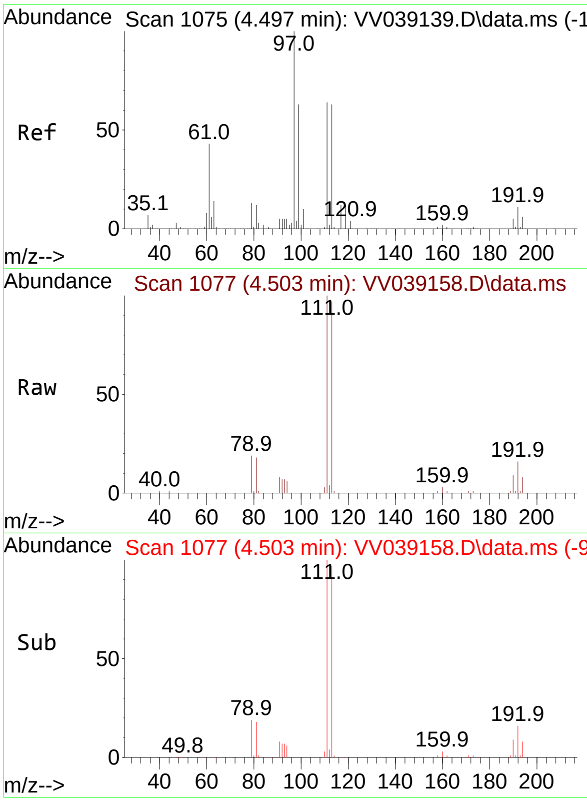
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:114 Resp: 853323

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	16.1	0.0	30.8



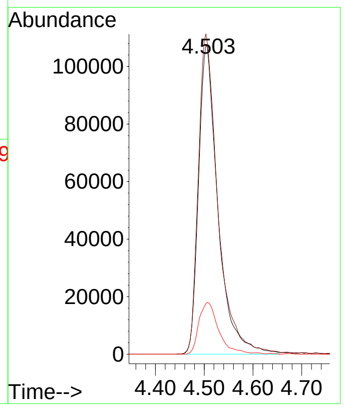
Instrument :
MSVOA_V
ClientSampleId :
FW6D

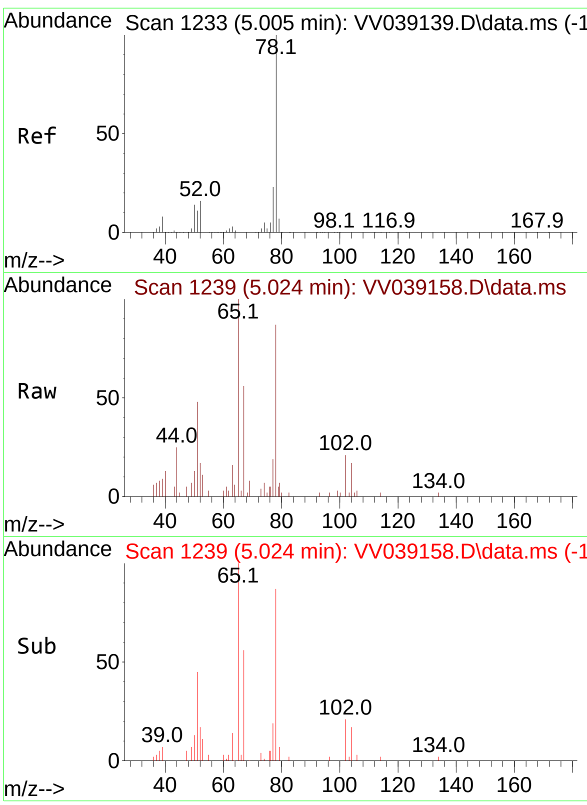


#35
Dibromofluoromethane
Concen: 43.231 ug/l
RT: 4.503 min   Scan# 1(
Delta R.T.   0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

Tgt Ion:113 Resp: 296563

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.4	123.6
192	17.1	13.8	20.8

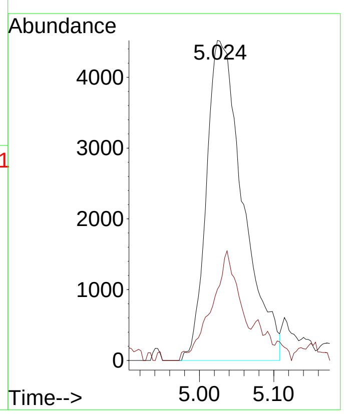




#40
Benzene
Concen: 0.458 ug/l
RT: 5.024 min   Scan# 1239
Delta R.T.   0.019 min
Lab File: VV039158.D
Acq: 24 Sep 2025   17:22

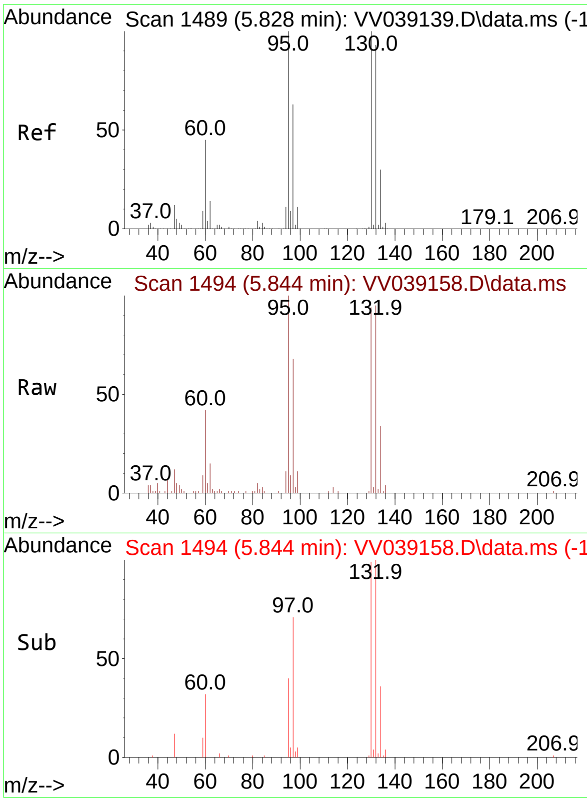
Tgt Ion: 78 Resp: 15483

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.7	28.1



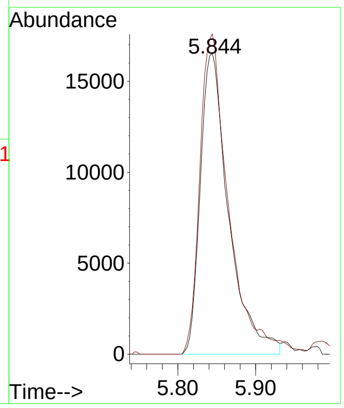
5

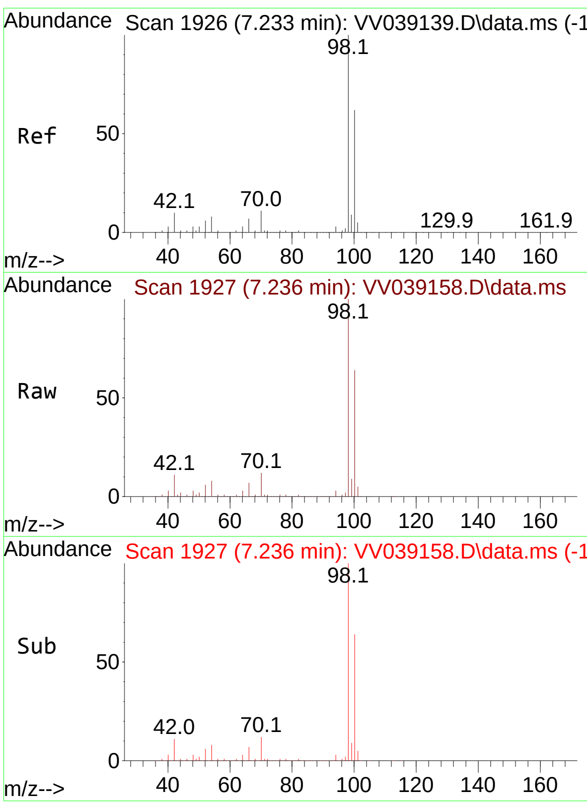
Instrument :
MSVOA_V
ClientSampleId :
FW6D




```
#44
Trichloroethene
Concen:    5.354 ug/l
RT:   5.844 min   Scan# 14
Delta R.T.  0.016 min
Lab File:   VV039158.D
Acq: 24 Sep 2025   17:22

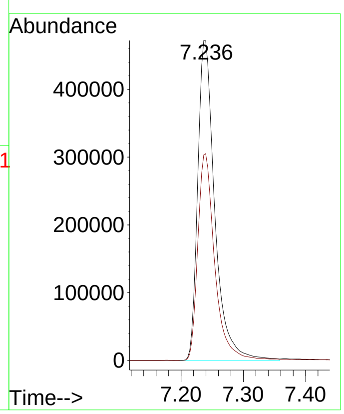
Tgt Ion:130 Resp:   41729
Ion  Ratio  Lower  Upper
130  100
 95  106.3    0.0  199.2
```






```
#50
Toluene-d8
Concen:   44.734 ug/l
RT:   7.236 min   Scan# 1927
Delta R.T.  0.003 min
Lab File:   VV039158.D
Acq: 24 Sep 2025   17:22

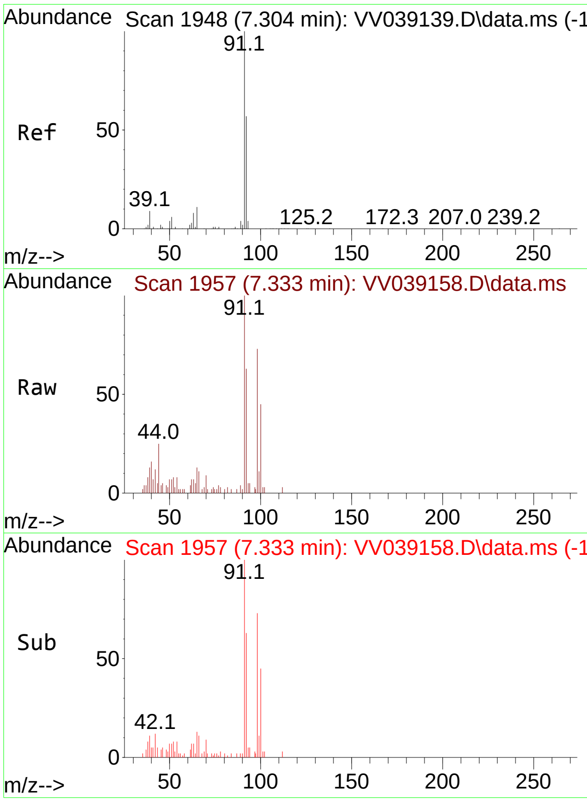
Tgt Ion: 98 Resp:  901302
Ion  Ratio  Lower  Upper
 98  100
100   63.7   52.2   78.2
```



A B C D E F G H I J

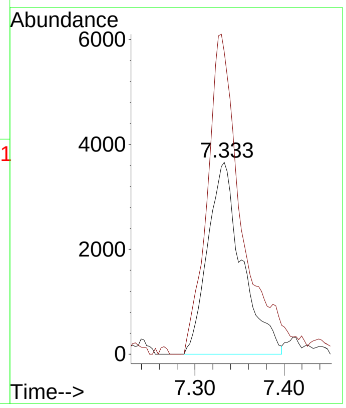
5

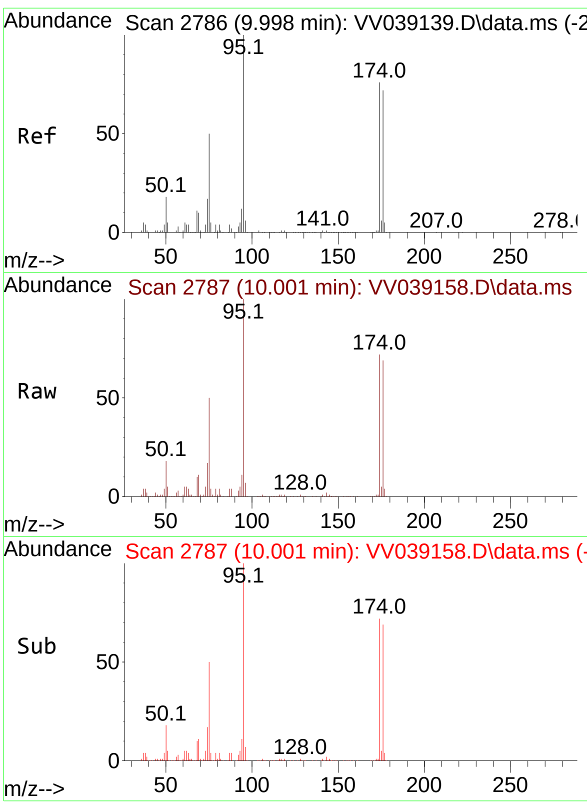
Instrument : MSVOA_V
ClientSampleId : FW6D




```
#52
Toluene
Concen:    0.498 ug/l
RT:   7.333 min  Scan# 1
Delta R.T.  0.029 min
Lab File:   VV039158.D
Acq: 24 Sep 2025  17:22

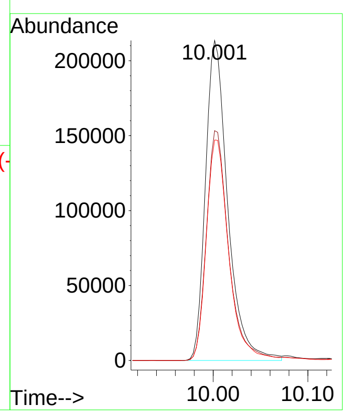
Tgt Ion: 92 Resp:     9747
Ion  Ratio  Lower  Upper
 92  100
 91  169.6  139.2  208.8
```



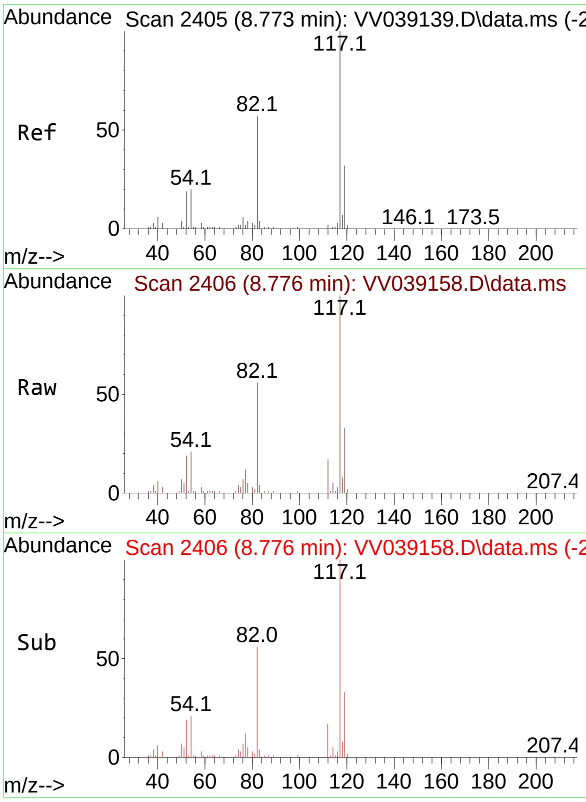



```
#62
4-Bromofluorobenzene
Concen:   42.155 ug/l
RT:  10.001 min  Scan# 2787
Delta R.T.  0.003 min
Lab File:   VV039158.D
Acq: 24 Sep 2025  17:22

Tgt Ion: 95 Resp:   349650
Ion  Ratio  Lower  Upper
 95  100
174   71.6    0.0  150.4
176   70.2    0.0  144.2
```



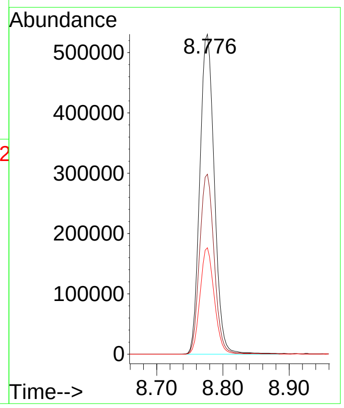
Instrument :
MSVOA_V
ClientSampleId :
FW6D

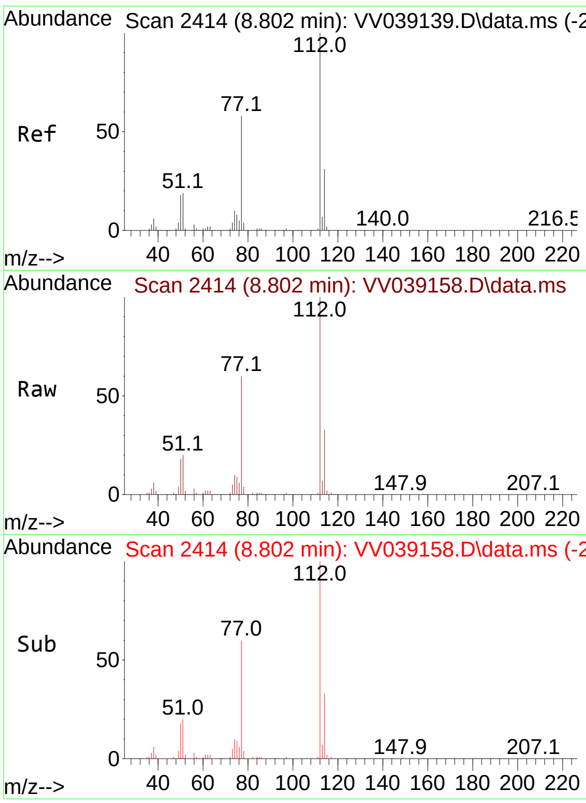


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:117 Resp: 809313

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.2
119	33.2	25.6	38.4

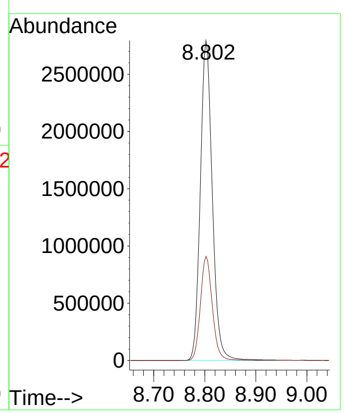




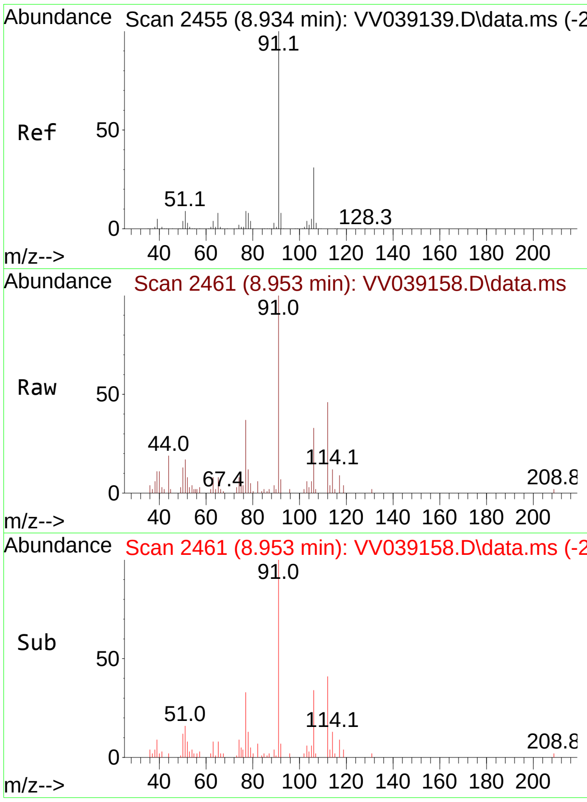
#65
Chlorobenzene
Concen: 202.500 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:112 Resp: 4564932

Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.6	37.0



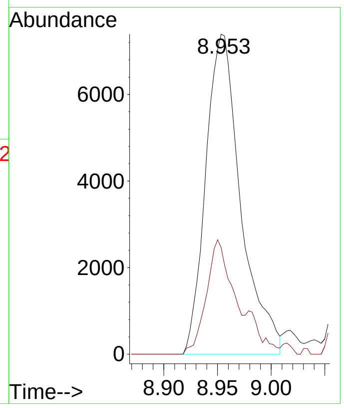
Instrument : MSVOA_V
ClientSampleId : FW6D

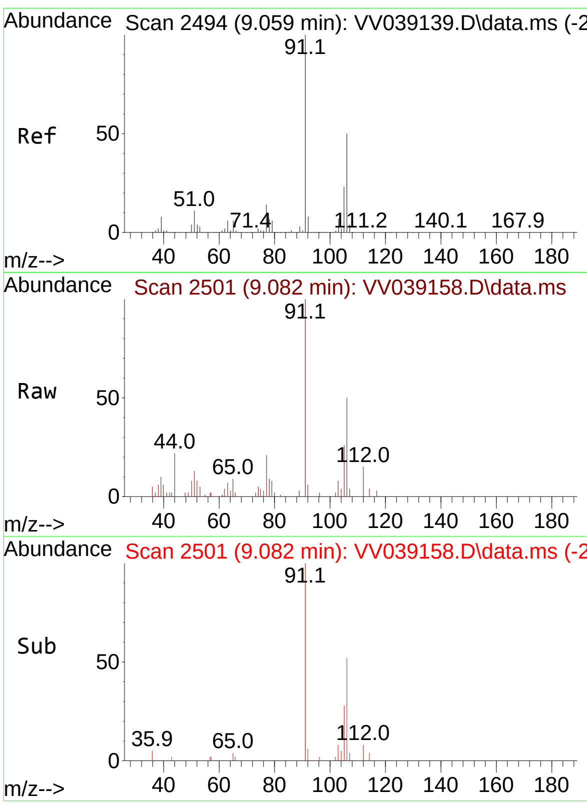


#67
Ethyl Benzene
Concen: 0.491 ug/l
RT: 8.953 min Scan# 24
Delta R.T. 0.019 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion: 91 Resp: 16758

Ion	Ratio	Lower	Upper
91	100		
106	33.3	24.6	37.0

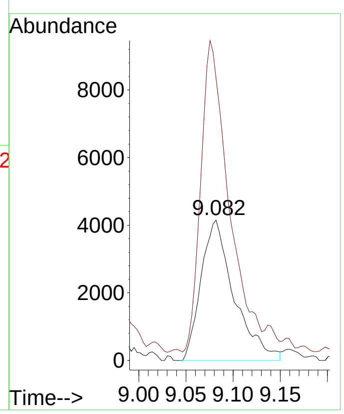




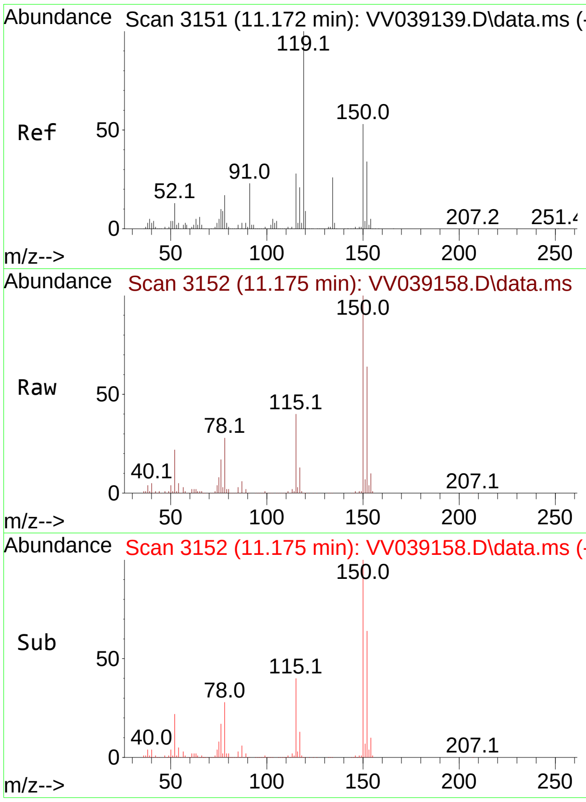
#68
m/p-Xylenes
Concen: 0.770 ug/l
RT: 9.082 min Scan# 2501
Delta R.T. 0.023 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:106 Resp: 10142

Ion	Ratio	Lower	Upper
106	100		
91	186.5	162.5	243.7



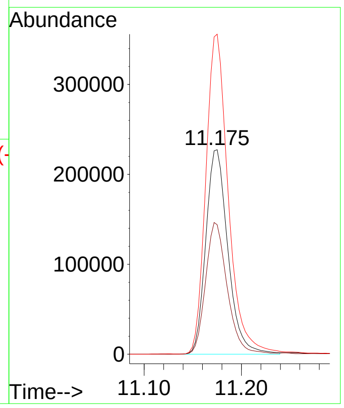
Instrument :
MSVOA_V
ClientSampleId :
FW6D

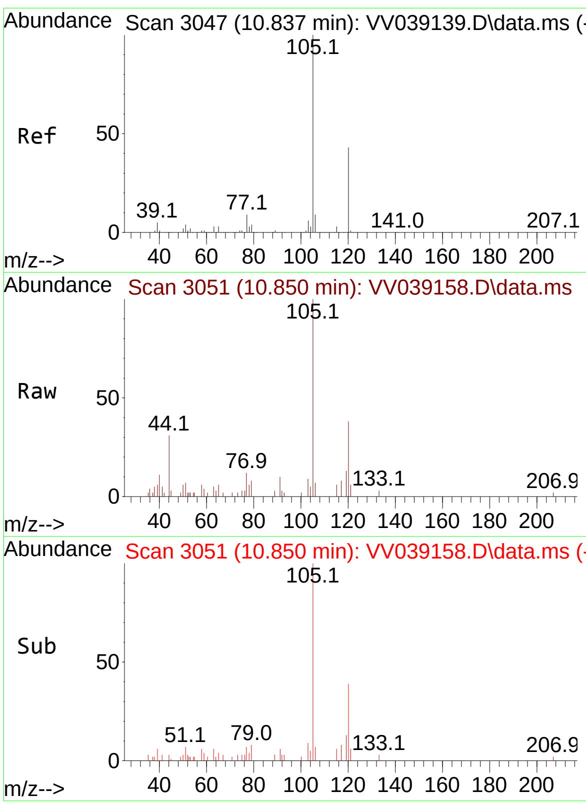


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:152 Resp: 359745

Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.8	134.4
150	159.3	0.0	353.8

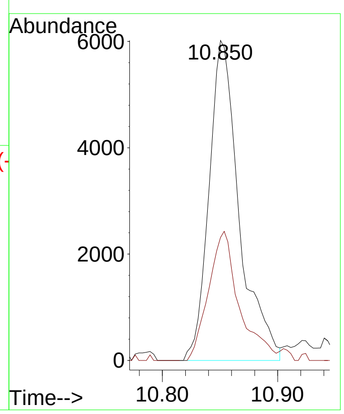




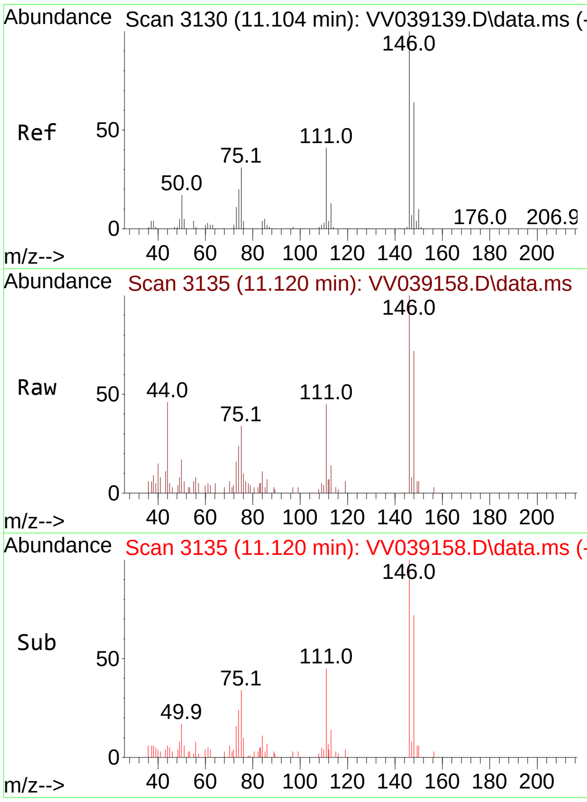
#84
1,2,4-Trimethylbenzene
Concen: 0.521 ug/l
RT: 10.850 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:105 Resp: 10972

Ion	Ratio	Lower	Upper
105	100		
120	40.9	22.4	67.2



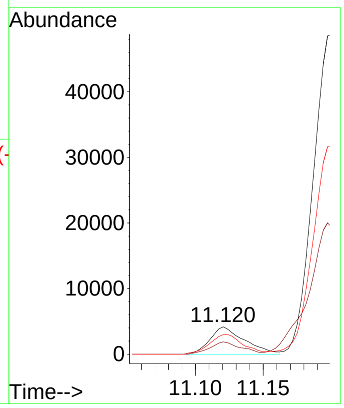
Instrument : MSVOA_V
ClientSampleId : FW6D

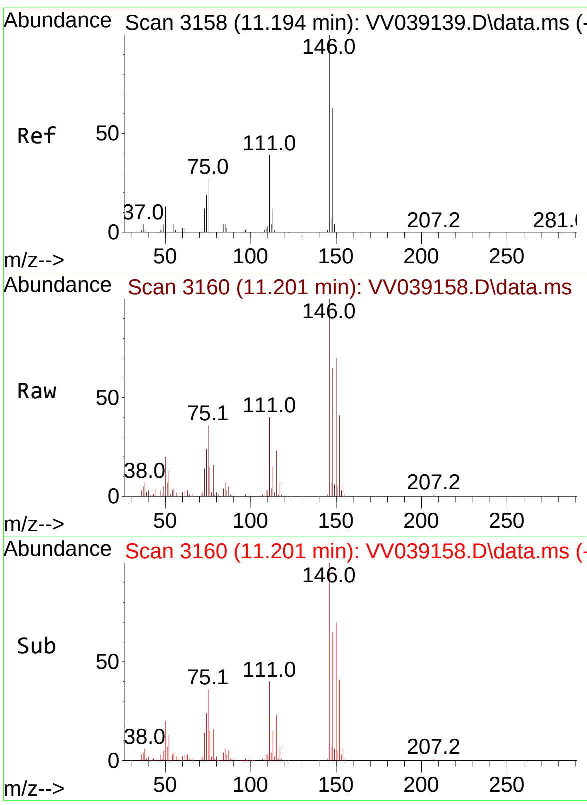


#87
1,3-Dichlorobenzene
Concen: 0.541 ug/l
RT: 11.120 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:146 Resp: 7410

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.8
148	69.4	31.8	95.3

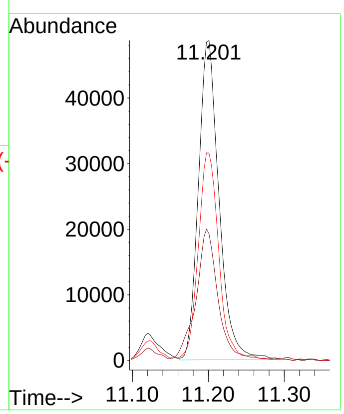


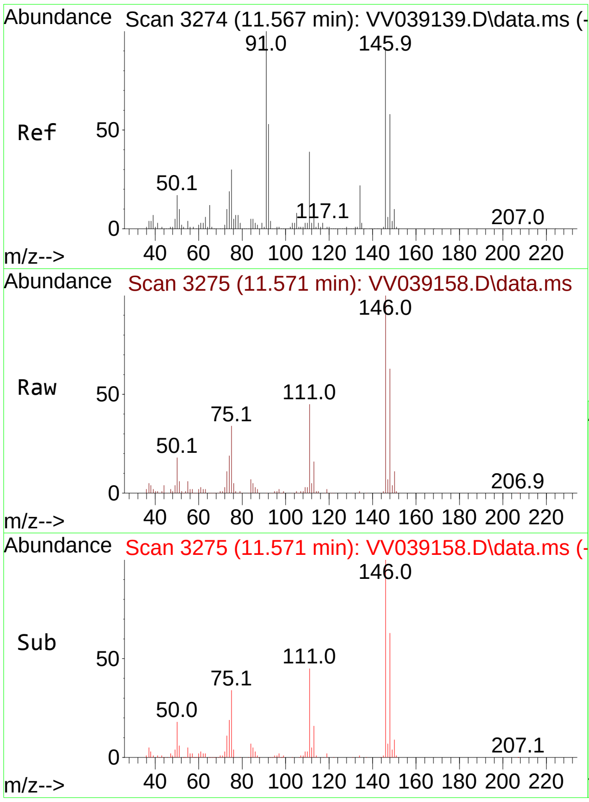


#88
1,4-Dichlorobenzene
Concen: 6.096 ug/l
RT: 11.201 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Tgt Ion:146 Resp: 91622

Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.3	60.8
148	62.7	31.4	94.2



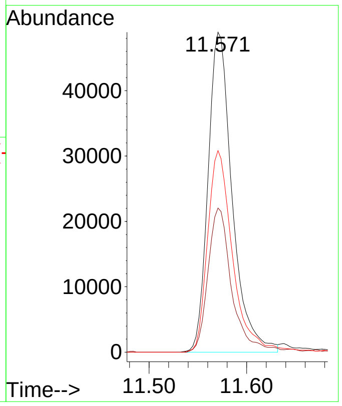


#91
1,2-Dichlorobenzene
Concen: 6.573 ug/l
RT: 11.571 min Scan# 3
Delta R.T. 0.004 min
Lab File: VV039158.D
Acq: 24 Sep 2025 17:22

Instrument :
MSVOA_V
ClientSampleId :
FW6D

Tgt Ion:146 Resp: 84138

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.5	64.5
148	65.7	31.9	95.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On : 24 Sep 2025 17:22
Operator : SY/MD
Sample : Q3172-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW6D

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: VV039158.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	38	51	120	rBV	2009539	7653109	46.11%	20.565%
2	4.503	1057	1077	1095	rBV3	351680	934671	5.63%	2.512%
3	4.600	1096	1107	1145	rVB2	549795	1503260	9.06%	4.039%
4	4.944	1199	1214	1253	rBV	410611	1047523	6.31%	2.815%
5	5.535	1383	1398	1434	rBV	885627	2048035	12.34%	5.503%
6	5.844	1482	1494	1520	rBV2	95461	239561	1.44%	0.644%
7	7.240	1917	1928	1952	rBV	1222103	2336147	14.08%	6.278%
8	8.802	2395	2414	2451	rBV2	8754175	16597615	100.00%	44.600%
9	10.001	2777	2787	2819	rBV	1011287	1692028	10.19%	4.547%
10	11.175	3142	3152	3178	rBV2	1398149	2539408	15.30%	6.824%
11	11.571	3265	3275	3297	rVB	207220	356881	2.15%	0.959%
12	13.458	3848	3862	3881	rBV4	111880	266197	1.60%	0.715%

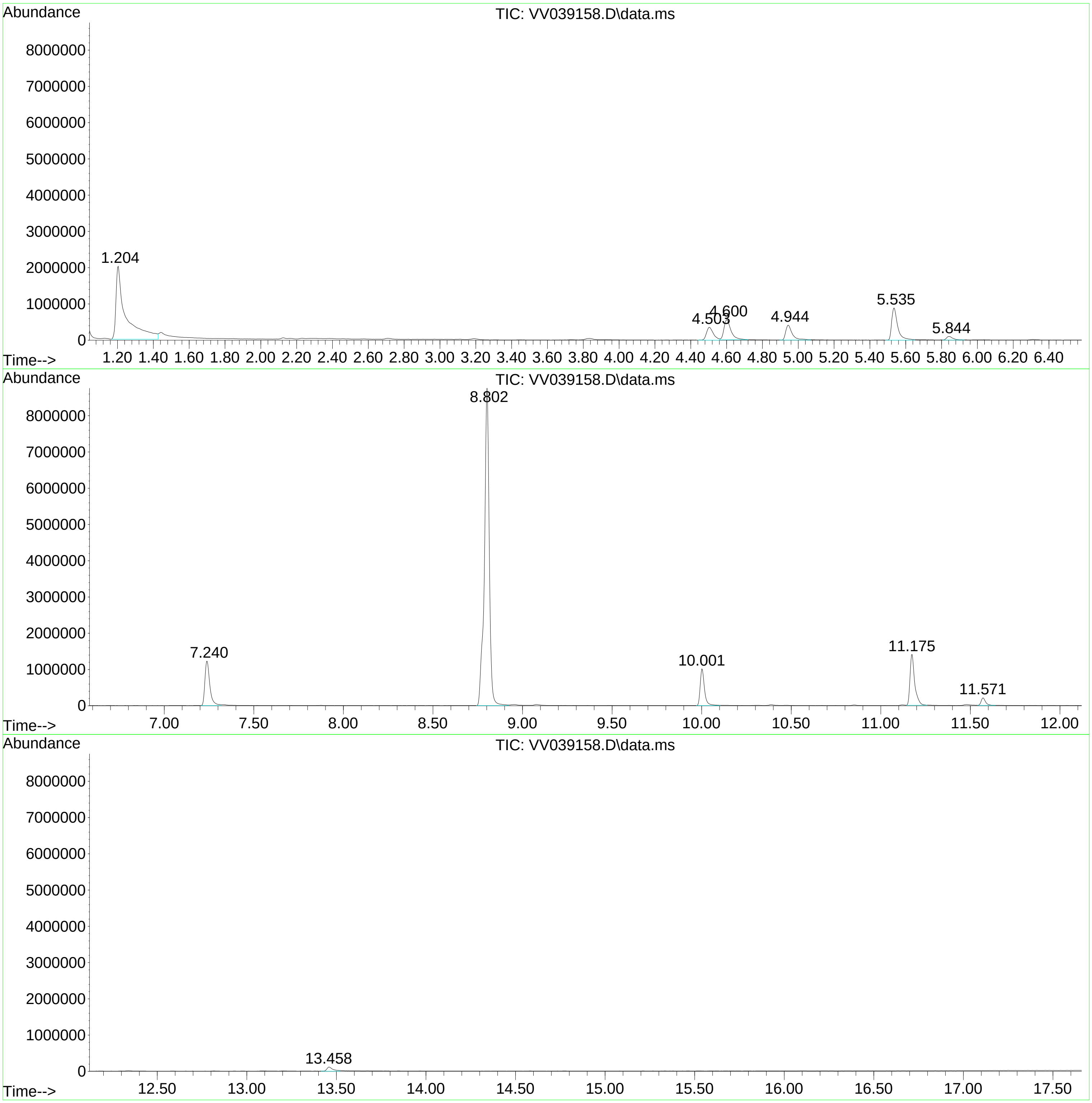
Sum of corrected areas: 37214435

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On    : 24 Sep 2025  17:22
Operator  : SY/MD
Sample    : Q3172-02
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 15   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 :
FW6D



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On   : 24 Sep 2025 17:22
Operator : SY/MD
Sample   : Q3172-02
Misc   : 5.0mL/MSVOA_V/WATER
ALS Vial : 15   Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW6D

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
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039158.D
Acq On : 24 Sep 2025 17:22
Operator : SY/MD
Sample : Q3172-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : FW6D

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039180.D
Acq On : 25 Sep 2025 14:48
Operator : SY/MD
Sample : Q3172-02DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

Quant Time: Sep 26 01:29:27 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

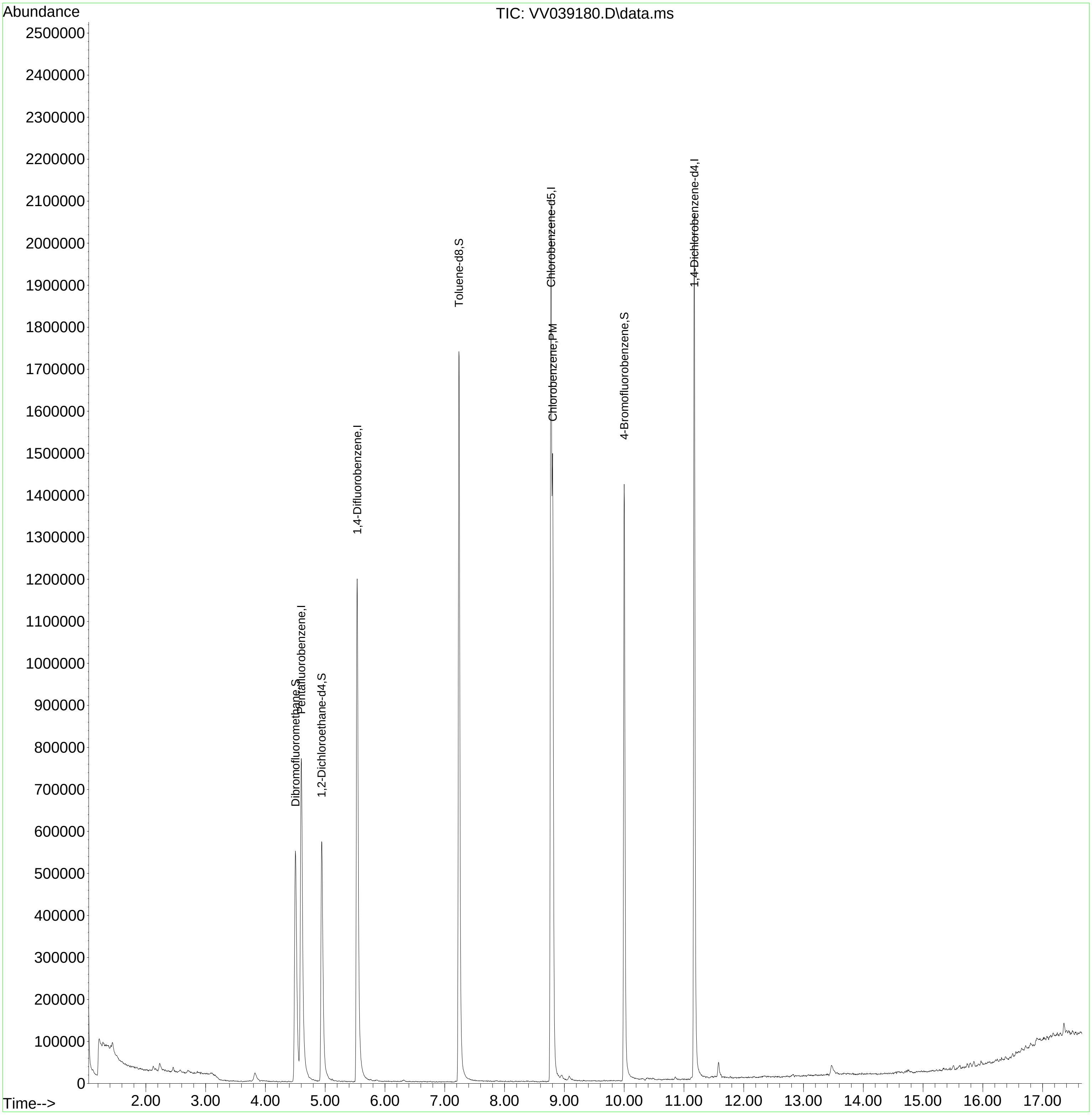
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	642311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1161576	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1114736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	523929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	525802	56.561	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 113.120%			
35) Dibromofluoromethane	4.503	113	458522	49.102	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.200%			
50) Toluene-d8	7.236	98	1241276	45.259	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.520%			
62) 4-Bromofluorobenzene	10.001	95	505982	44.814	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 89.620%			
Target Compounds						Qvalue
65) Chlorobenzene	8.805	112	791007	25.475	ug/l	98

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

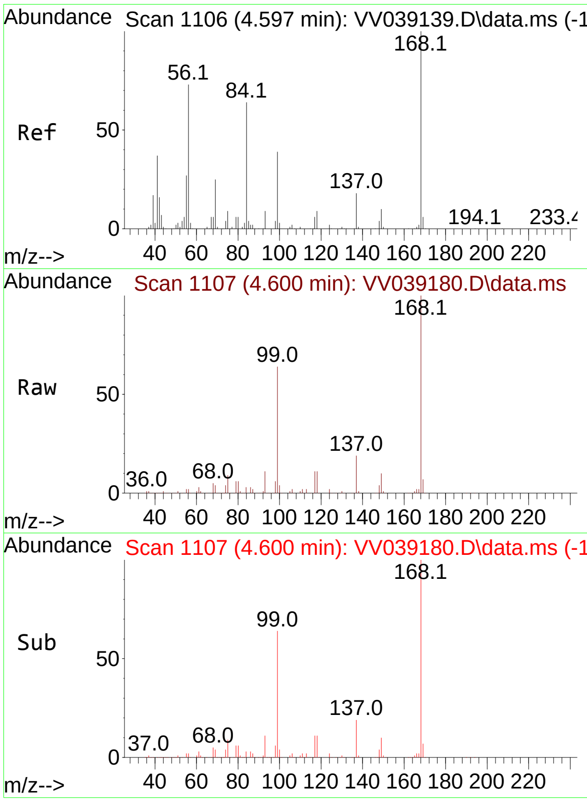
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039180.D
Acq On : 25 Sep 2025 14:48
Operator : SY/MD
Sample : Q3172-02DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

Quant Time: Sep 26 01:29:27 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



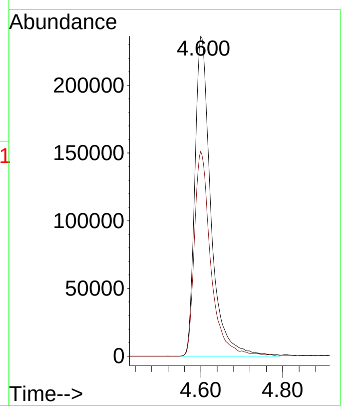
Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

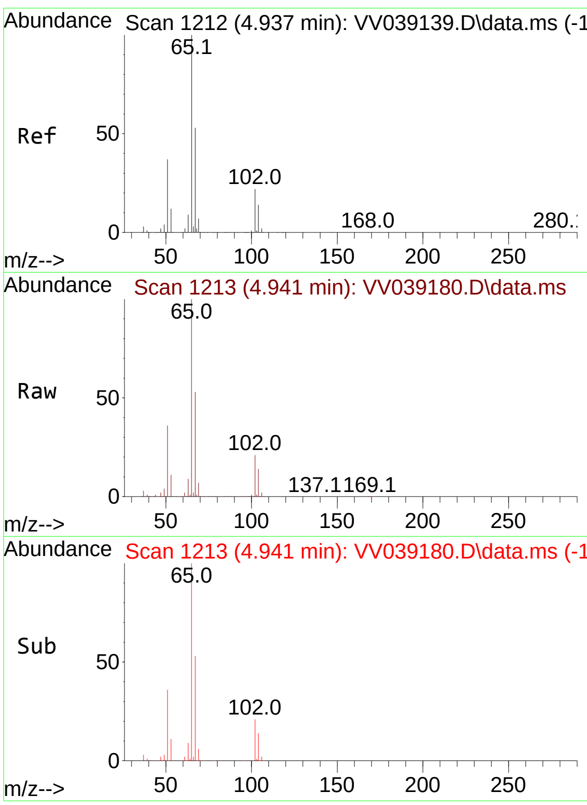


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:168 Resp: 642311

Ion	Ratio	Lower	Upper
168	100		
99	64.0	49.6	74.4

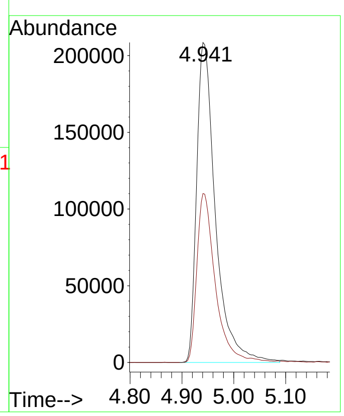




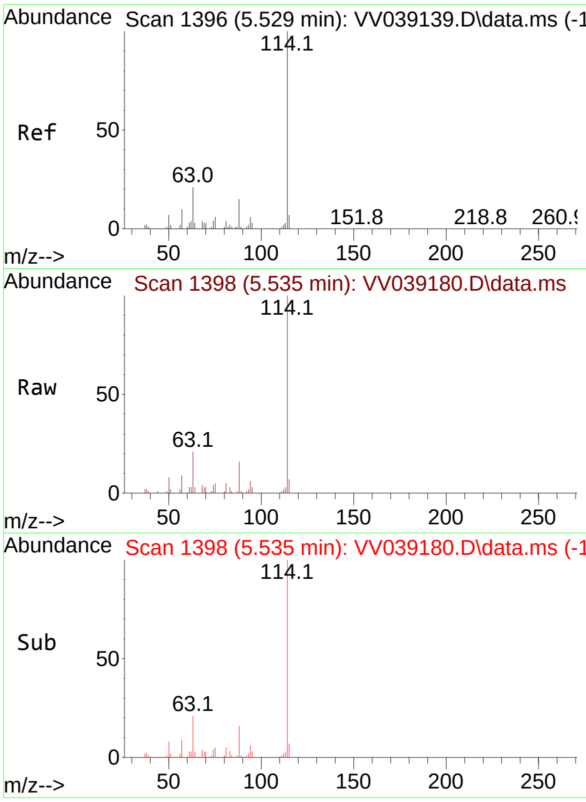
#33
1,2-Dichloroethane-d4
Concen: 56.561 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion: 65 Resp: 525802

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.0



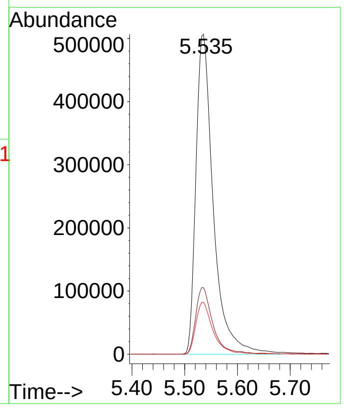
Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

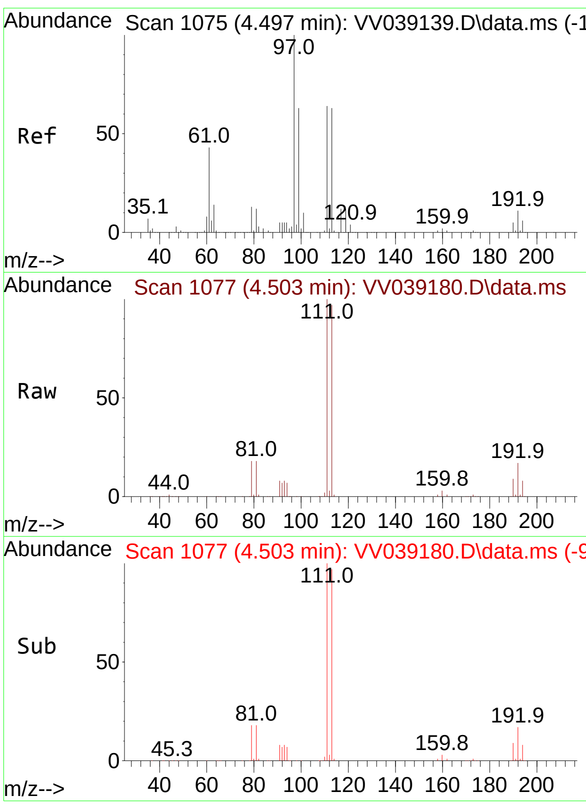


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:114 Resp: 1161576

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	16.3	0.0	30.8

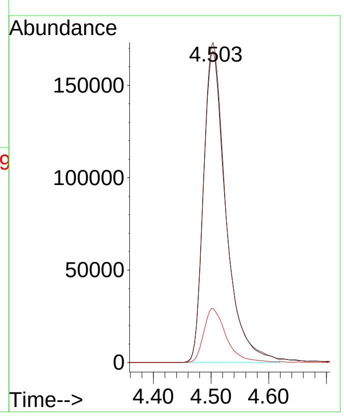




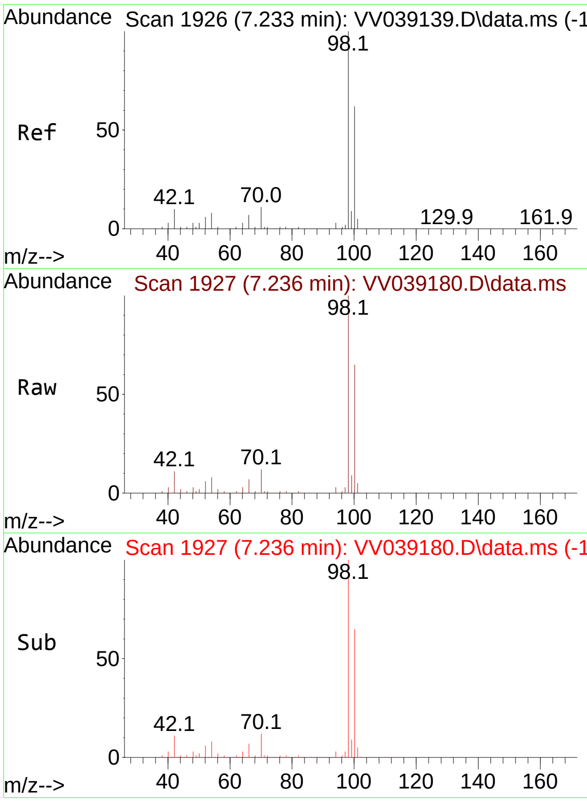
#35
Dibromofluoromethane
Concen: 49.102 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:113 Resp: 458522

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	17.3	13.8	20.8



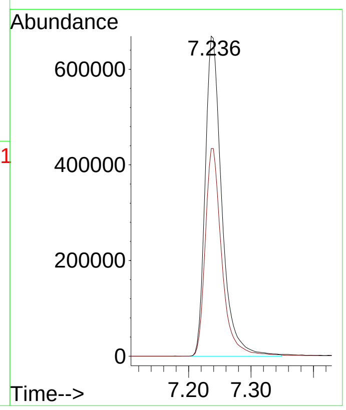
Instrument : MSVOA_V
ClientSampleId : FW6DDL

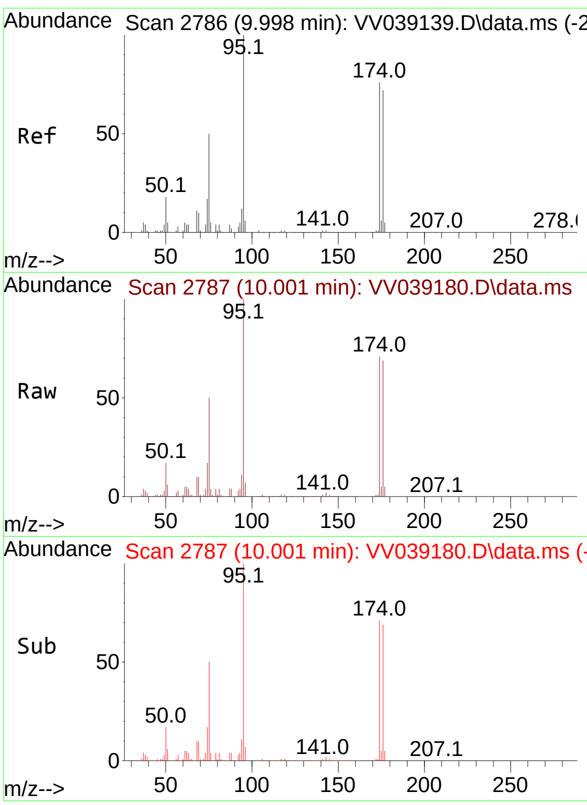


#50
Toluene-d8
Concen: 45.259 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion: 98 Resp: 1241276

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2

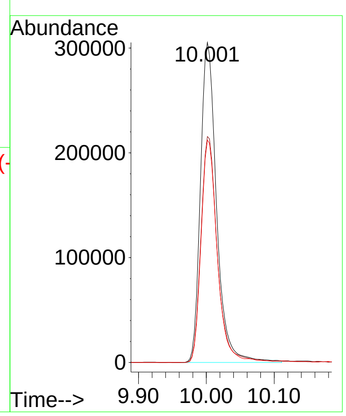




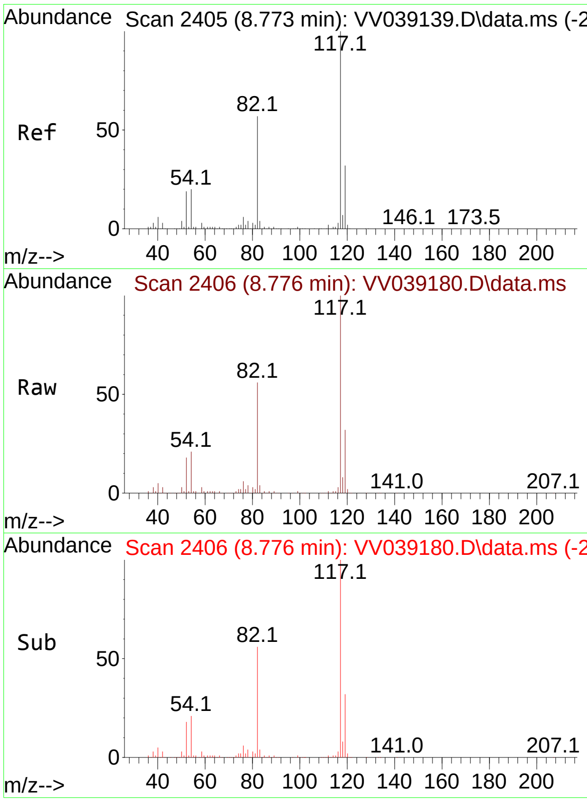
#62
4-Bromofluorobenzene
Concen: 44.814 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

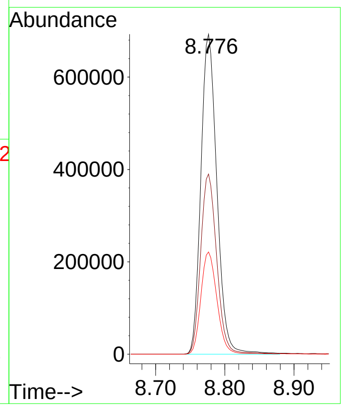
Tgt Ion: 95 Resp: 505982

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	150.4
176	69.7	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

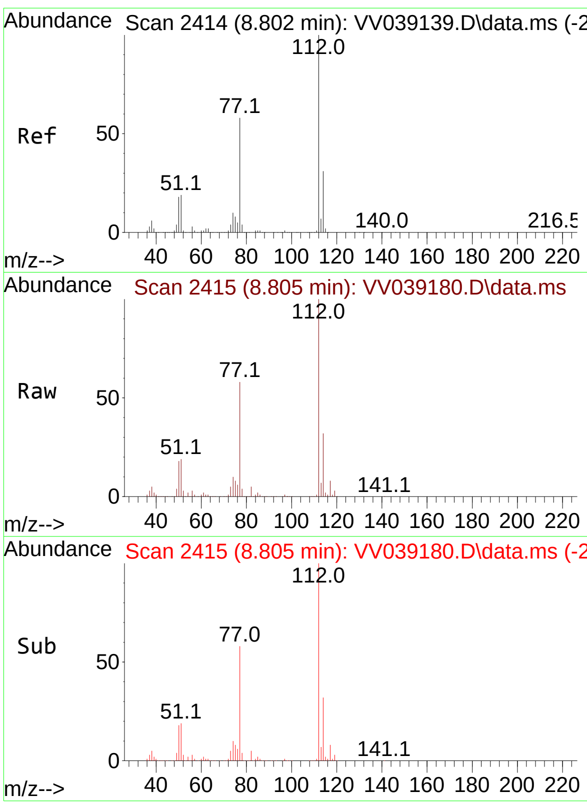


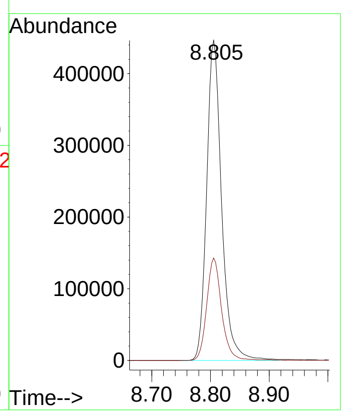


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:117 Resp: 1114736

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.2
119	32.0	25.6	38.4

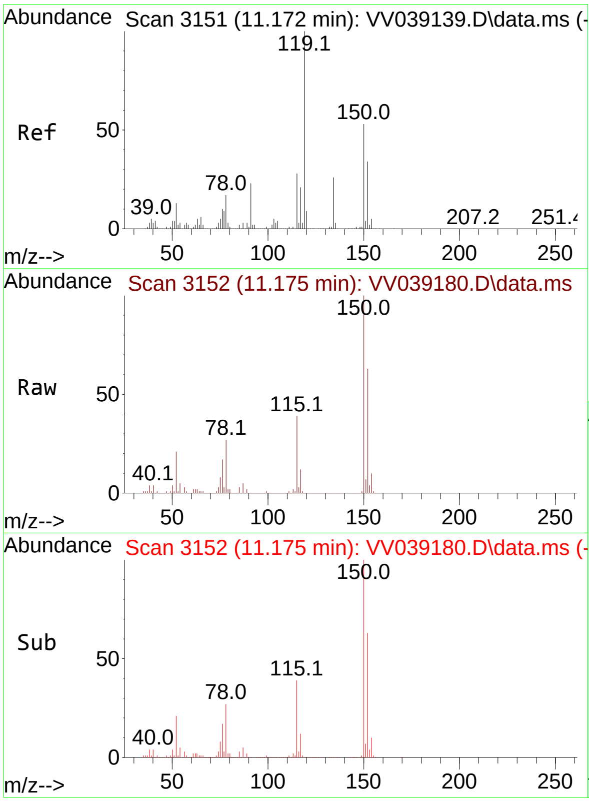




#65
Chlorobenzene
Concen: 25.475 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:112 Resp: 791007

Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.6	37.0

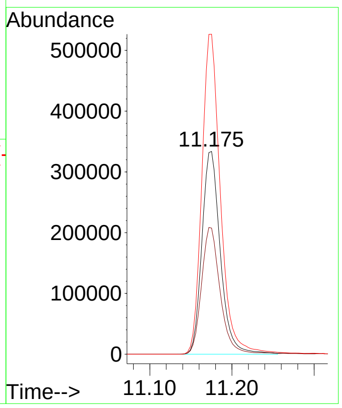


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

Tgt Ion:152 Resp: 523929

Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.8	134.4
150	159.4	0.0	353.8



Instrument : MSVOA_V
ClientSampleId : GB3W

A B C D E F G H I J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 26 01:32:54 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	4.603	168	368346	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	653076	50.000 ug/l	0.00
63) Chlorobenzene-d5	8.776	117	662159	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	325221	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	4.944	65	293708	55.094 ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	110.180%	
35) Dibromofluoromethane	4.503	113	266204	50.704 ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	101.400%	
50) Toluene-d8	7.239	98	716173	46.445 ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	92.880%	
62) 4-Bromofluorobenzene	10.001	95	297465	46.860 ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	93.720%	
Target Compounds					Qvalue
16) Acetone	2.127	43	25840	3.116 ug/l	99
44) Trichloroethene	5.850	130	5474	0.918 ug/l	88
65) Chlorobenzene	8.808	112	87136	4.724 ug/l	100
69) o-Xylene	9.474	106	5011	0.525 ug/l	89
73) Isopropylbenzene	9.860	105	36396	1.543 ug/l	99
78) n-propylbenzene	10.284	91	29586	1.030 ug/l	99
79) 2-Chlorotoluene	10.352	91	70132	4.080 ug/l	100
83) tert-Butylbenzene	10.792	119	8040	0.411 ug/l	85
85) sec-Butylbenzene	11.014	105	17900	0.690 ug/l	97
89) n-Butylbenzene	11.586	91	13827	0.671 ug/l	95

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

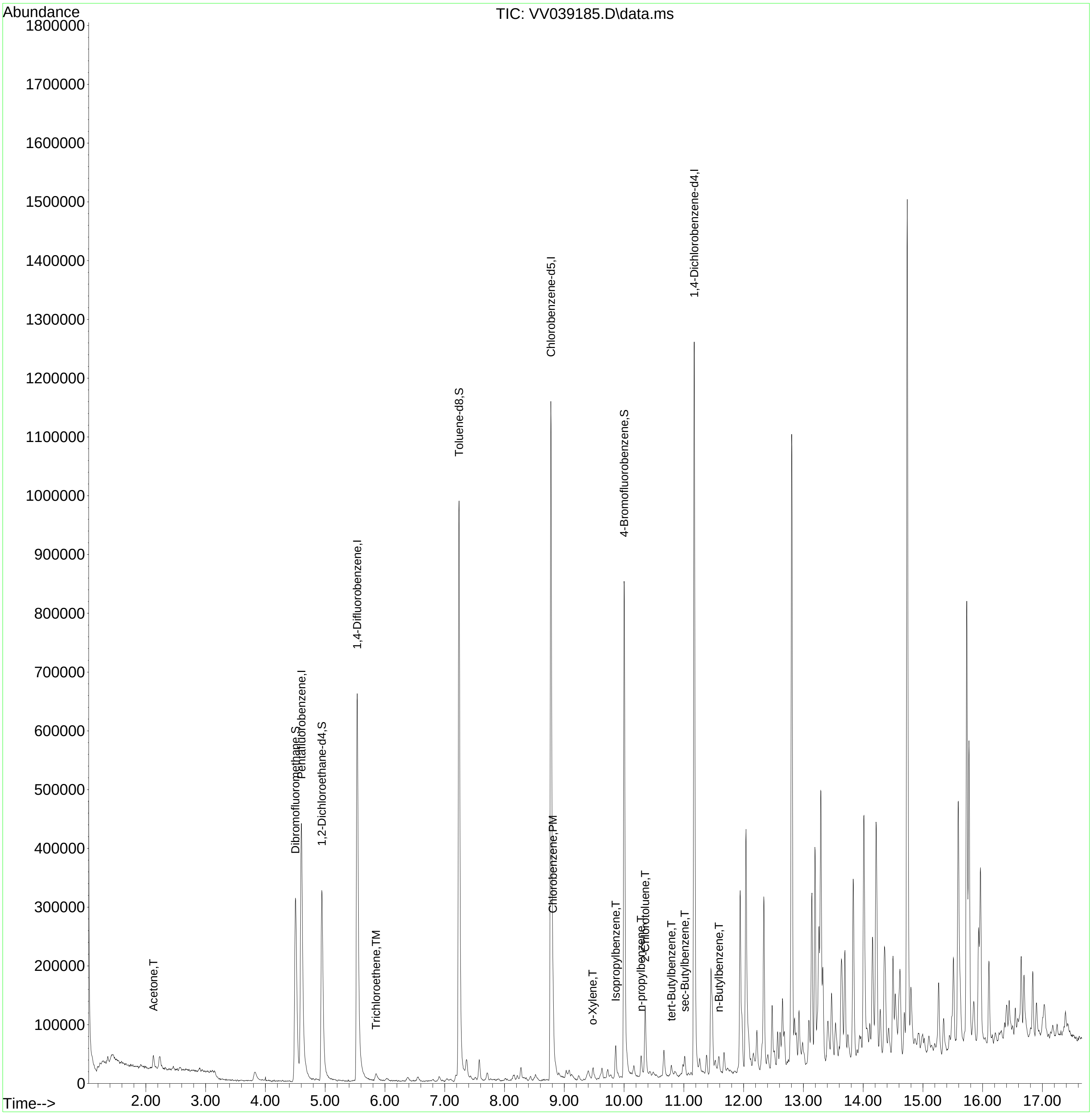
Sample Results: **VV039185.D**

5

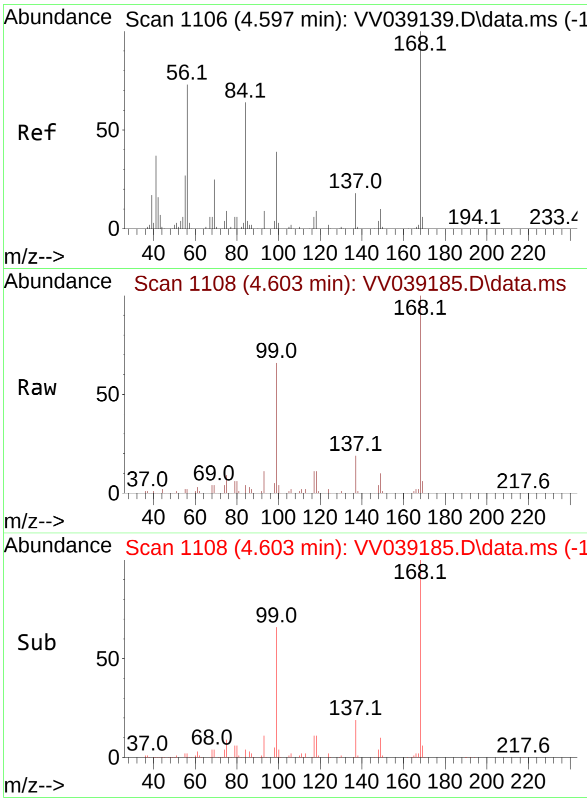
Instrument :
MSVOA_V
ClientSampleId :
GB3W

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On   : 25 Sep 2025 16:40
Operator : SY/MD
Sample   : Q3172-03
Misc   : 5.0mL/MSVOA_V/WATER
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Sep 26 01:32:54 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



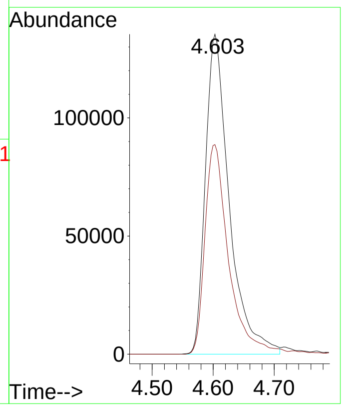
Instrument : MSVOA_V
ClientSampleId : GB3W

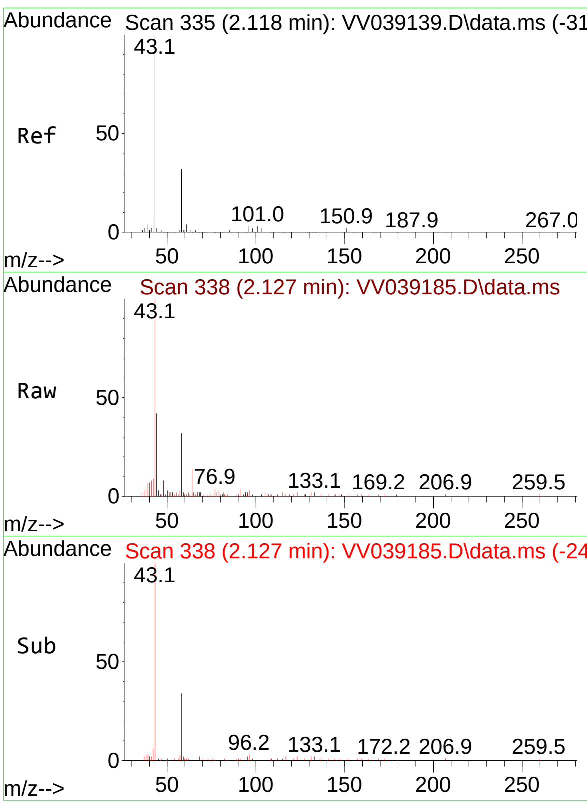


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:168 Resp: 368346

Ion	Ratio	Lower	Upper
168	100		
99	65.5	49.6	74.4

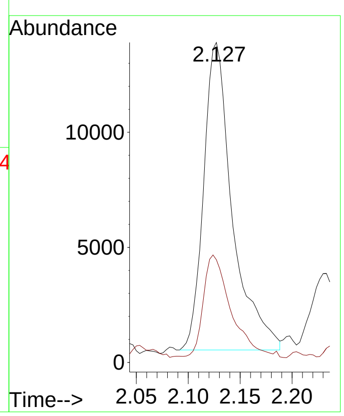




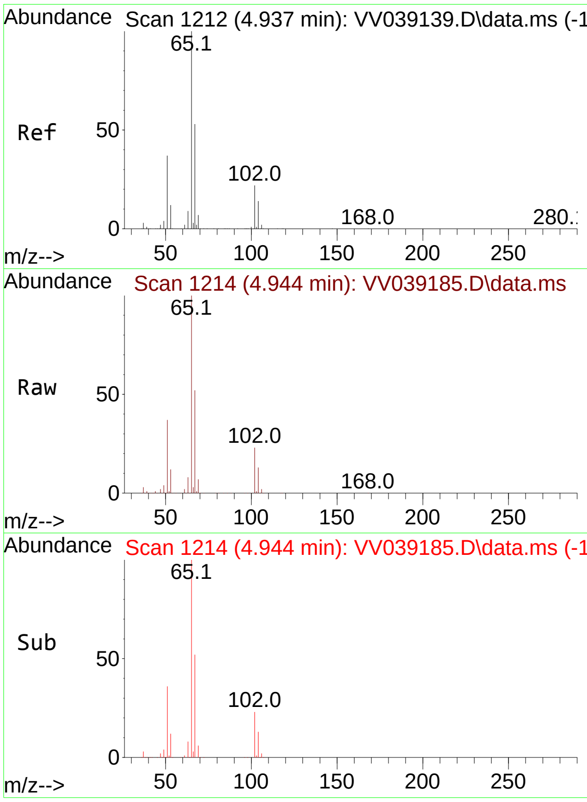
#16
Acetone
Concen: 3.116 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 43 Resp: 25840

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.8	38.6



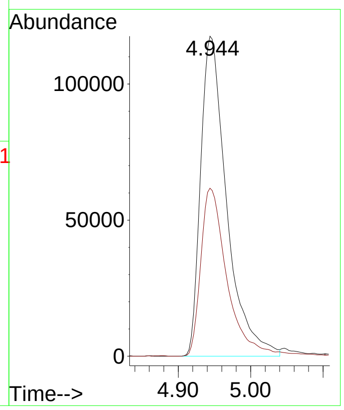
Instrument :
MSVOA_V
ClientSampleId :
GB3W

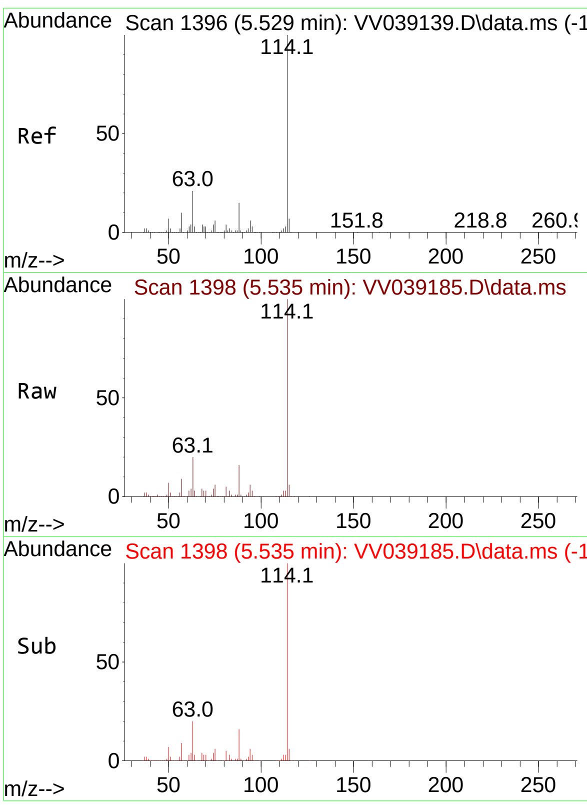


#33
1,2-Dichloroethane-d4
Concen: 55.094 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 65 Resp: 293708

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.0

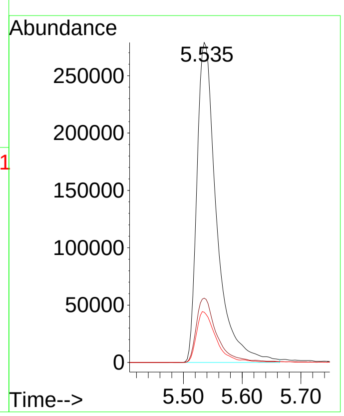




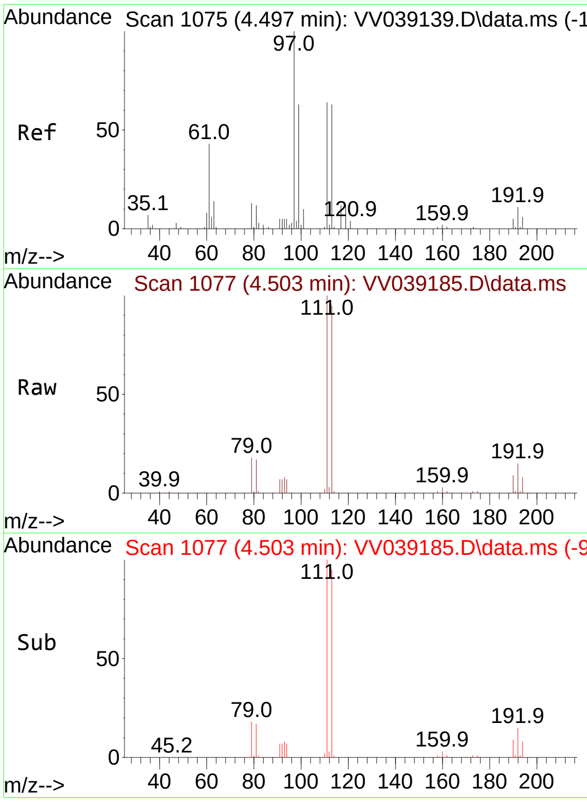
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:114 Resp: 653076

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.7	0.0	30.8



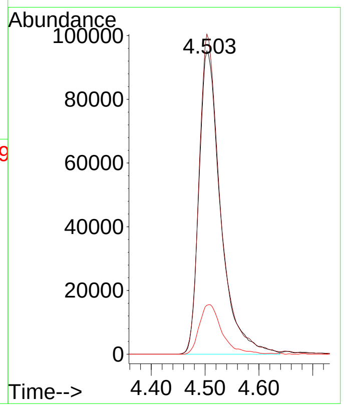
Instrument :
MSVOA_V
ClientSampleId :
GB3W

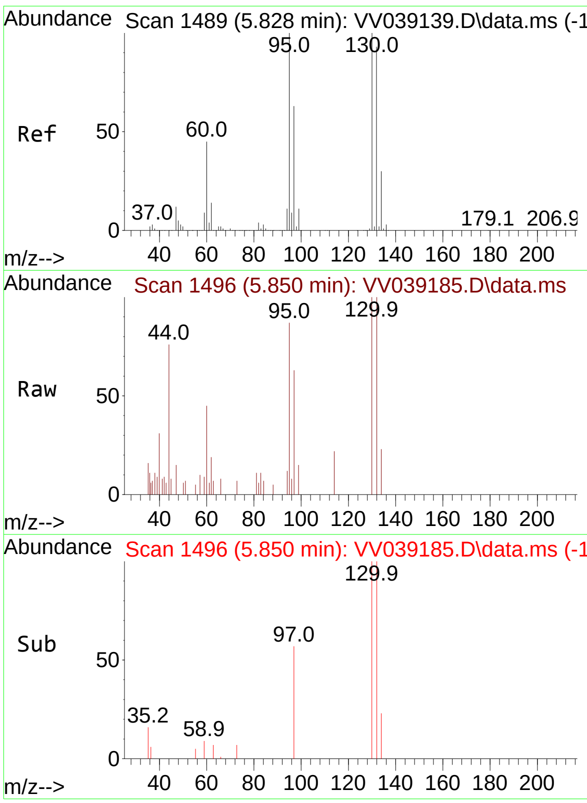


#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 4.503 min   Scan# 1
Delta R.T.   0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Tgt Ion:113 Resp: 266204

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	17.0	13.8	20.8

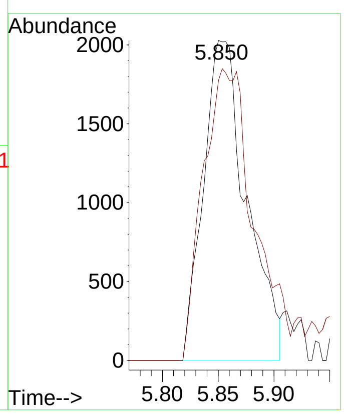




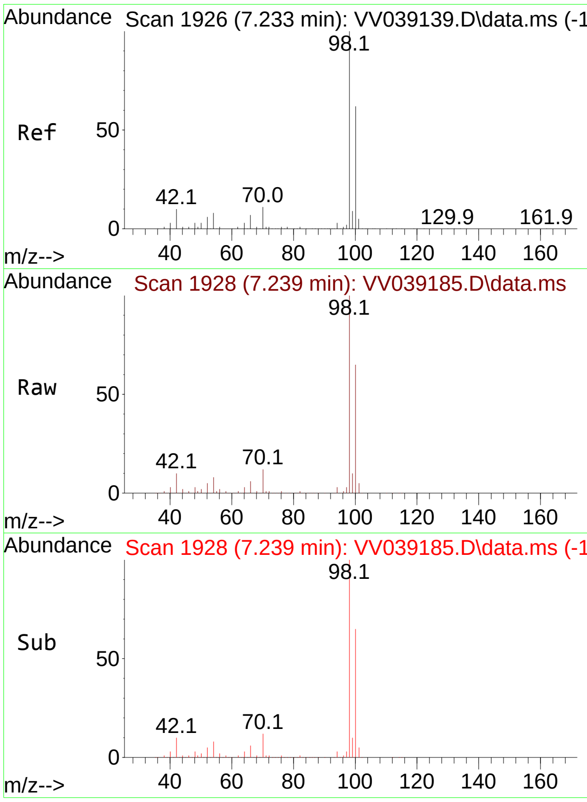
#44
Trichloroethene
Concen: 0.918 ug/l
RT: 5.850 min   Scan# 1496
Delta R.T.   0.022 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Tgt Ion:130 Resp: 5474

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	199.2



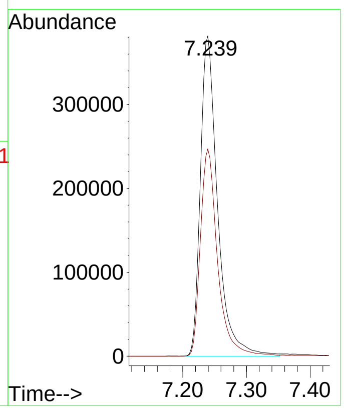
Instrument :
MSVOA_V
ClientSampleId :
GB3W

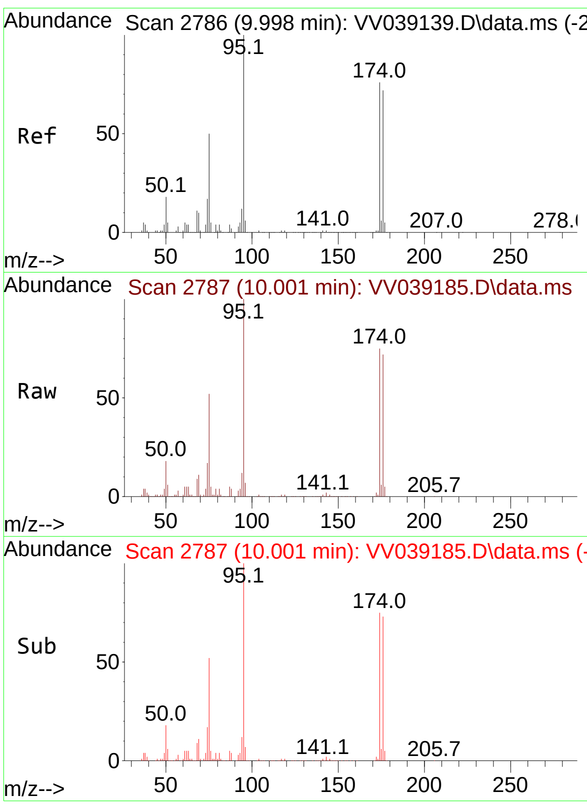


#50
Toluene-d8
Concen: 46.445 ug/l
RT: 7.239 min Scan# 19
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 98 Resp: 716173

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

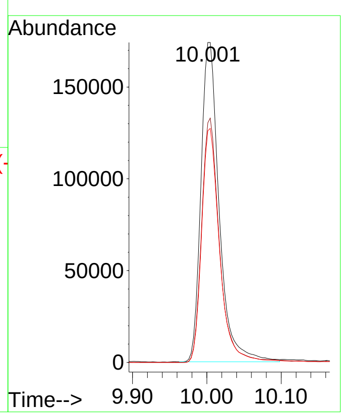


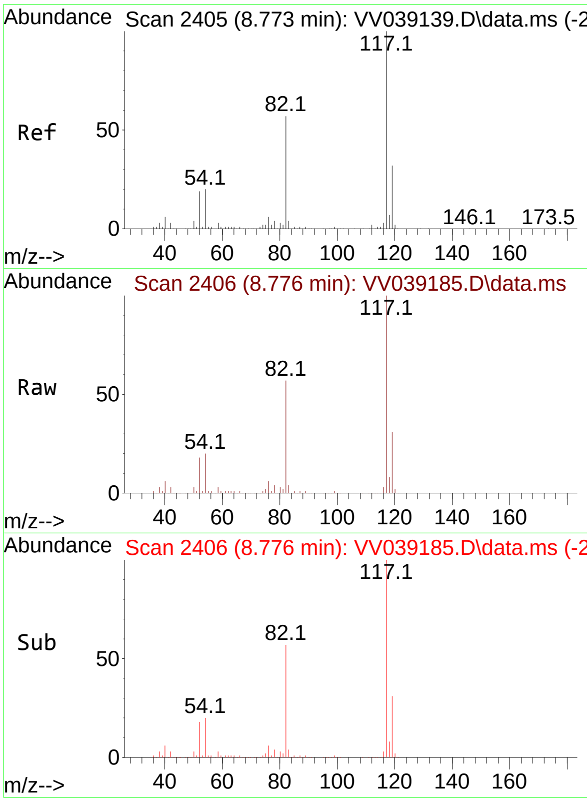


#62
4-Bromofluorobenzene
Concen: 46.860 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 95 Resp: 297465

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	72.2	0.0	144.2



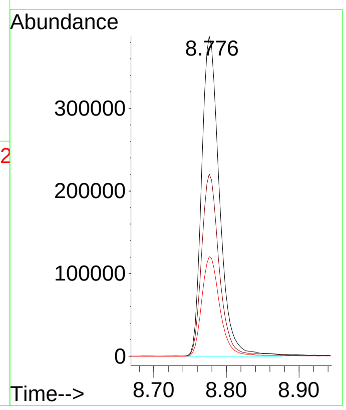


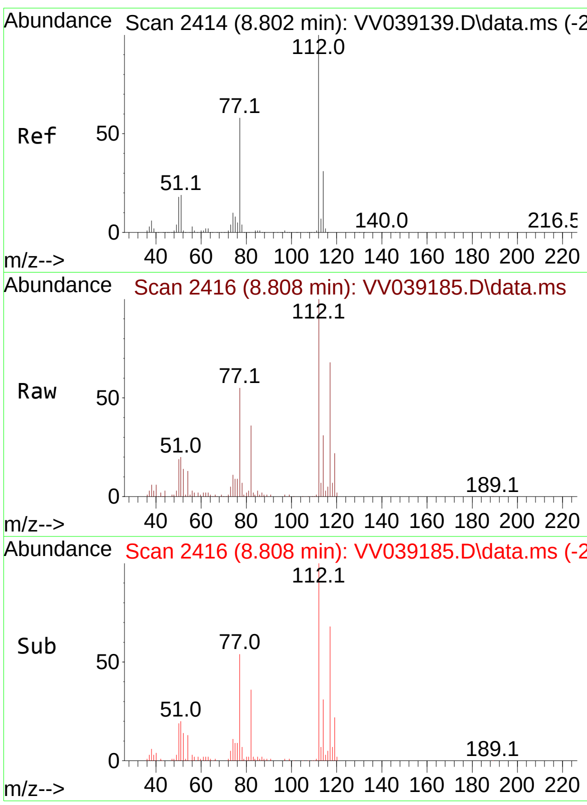
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min   Scan# 24
Delta R.T.   0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Instrument :
MSVOA_V
ClientSampleId :
GB3W

Tgt Ion:117 Resp: 662159

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.2
119	31.1	25.6	38.4

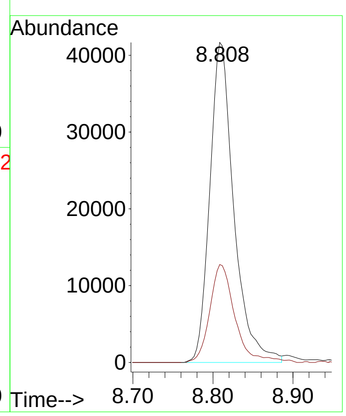




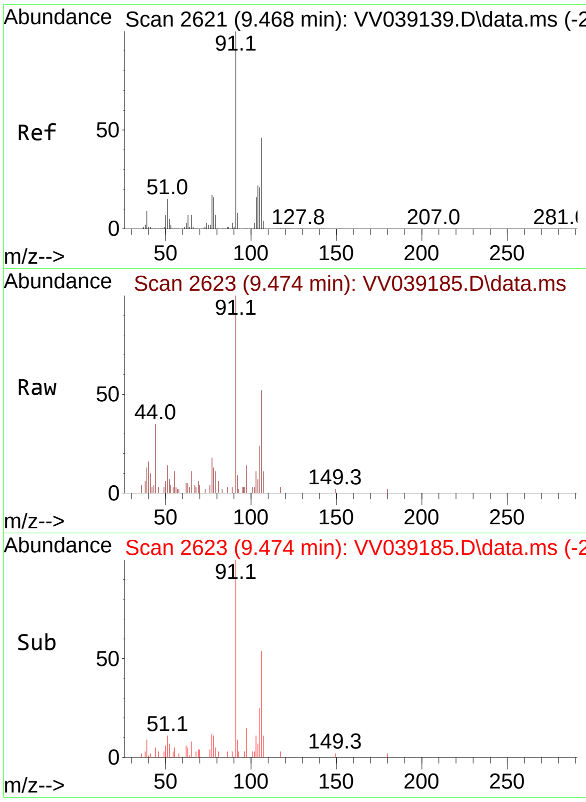
#65
Chlorobenzene
Concen: 4.724 ug/l
RT: 8.808 min   Scan# 2416
Delta R.T.   0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Tgt Ion:112 Resp: 87136

Ion	Ratio	Lower	Upper
112	100		
114	30.6	24.6	37.0



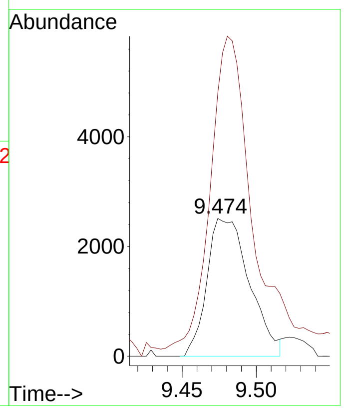
Instrument : MSVOA_V
ClientSampleId : GB3W

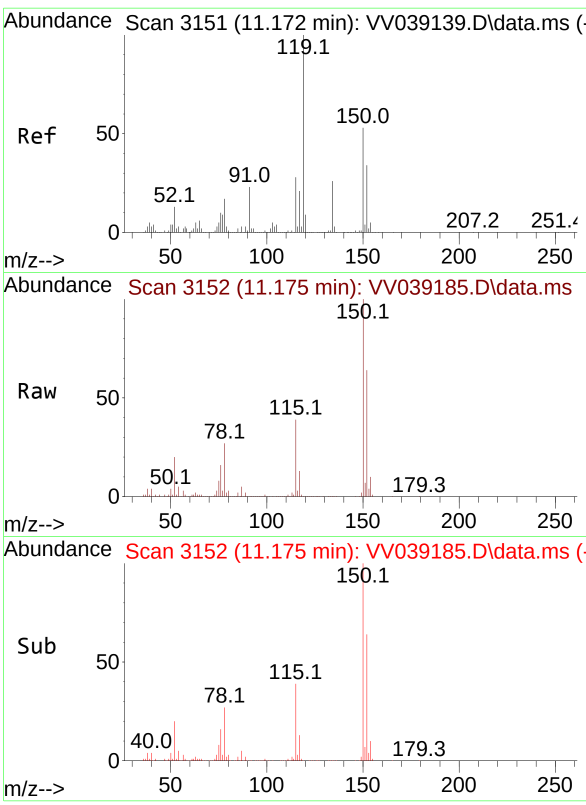


#69
o-Xylene
Concen: 0.525 ug/l
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:106 Resp: 5011

Ion	Ratio	Lower	Upper
106	100		
91	236.2	109.1	327.3

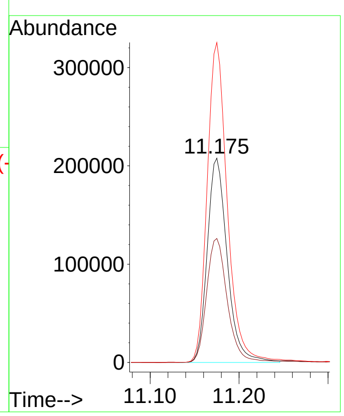




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

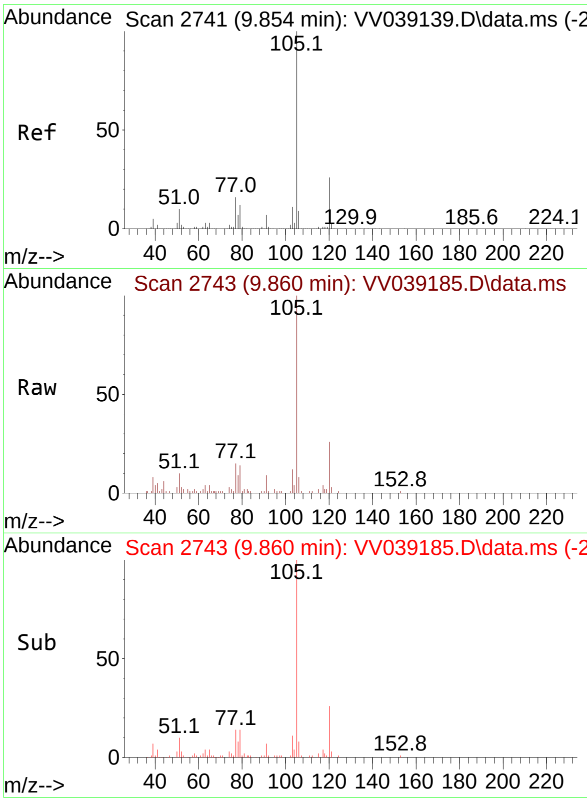
Tgt Ion:152 Resp: 325221

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.8	134.4
150	158.1	0.0	353.8



5

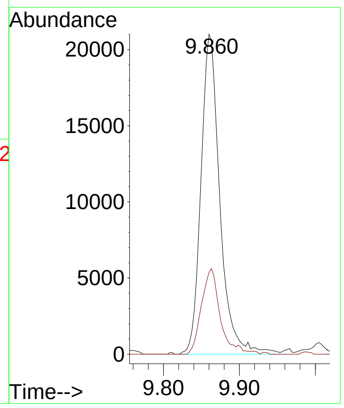
Instrument :
MSVOA_V
ClientSampleId :
GB3W

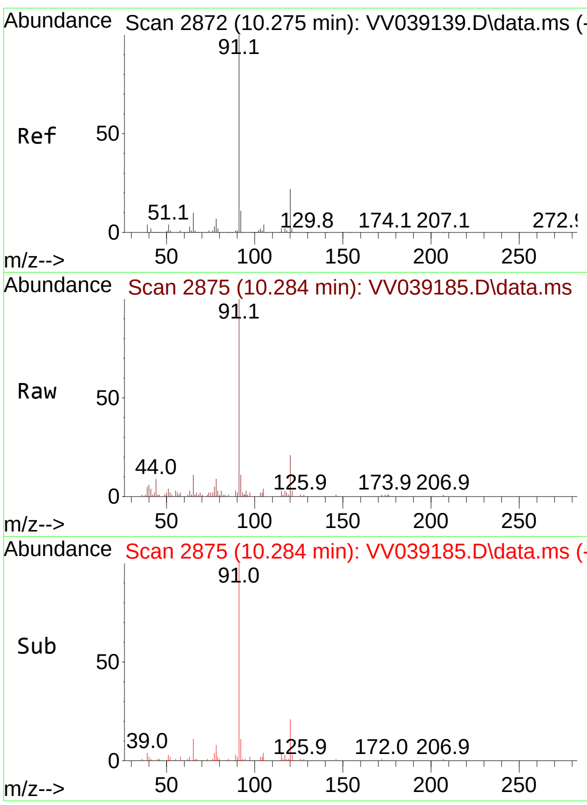


#73
Isopropylbenzene
Concen: 1.543 ug/l
RT: 9.860 min   Scan# 2
Delta R.T.   0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Tgt Ion:105 Resp: 36396

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.1

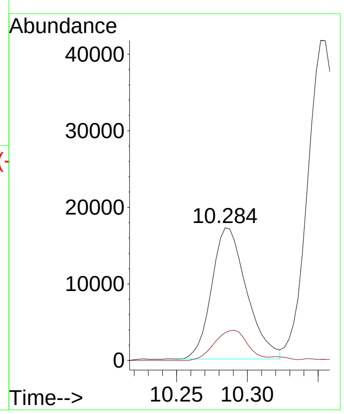




#78
n-propylbenzene
Concen: 1.030 ug/l
RT: 10.284 min   Scan# 2875
Delta R.T.   0.010 min
Lab File: VV039185.D
Acq: 25 Sep 2025   16:40

Tgt Ion: 91 Resp: 29586

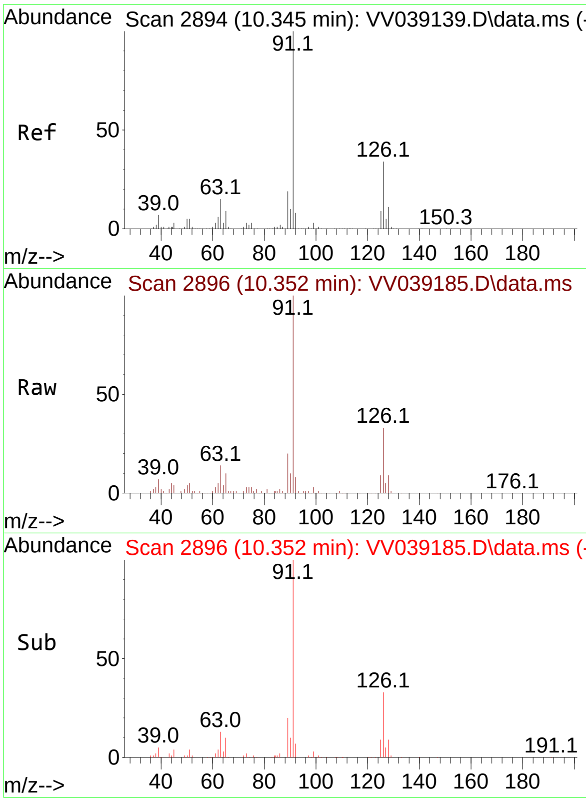
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.3



5

Instrument :
MSVOA_V
ClientSampleId :
GB3W

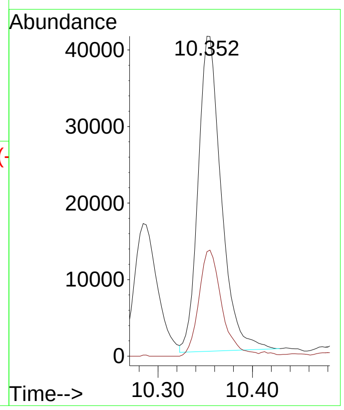
A
B
C
D
E
F
G
H
I
J

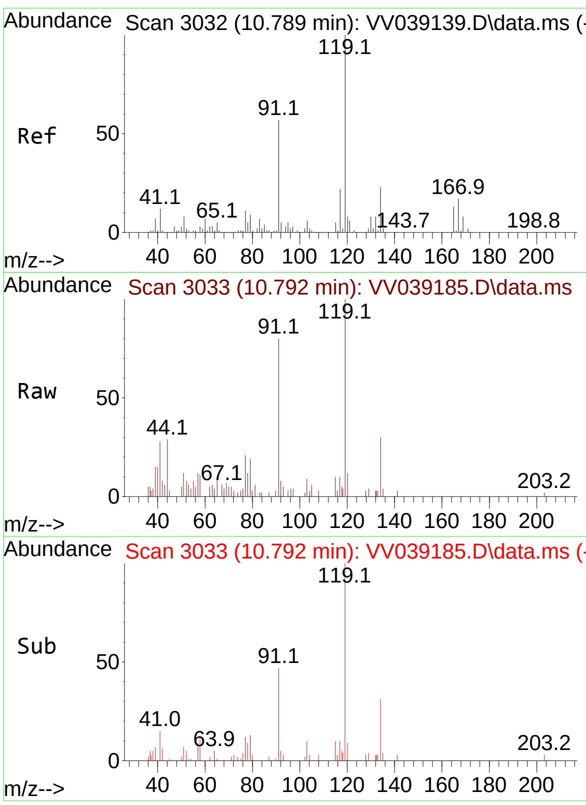


#79
2-Chlorotoluene
Concen: 4.080 ug/l
RT: 10.352 min Scan# 28
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 91 Resp: 70132

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0

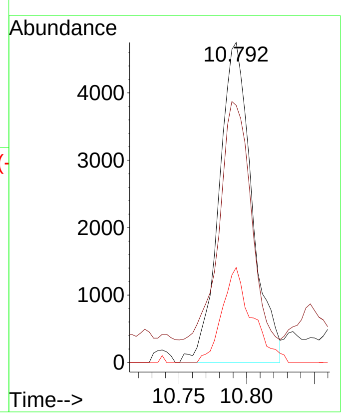


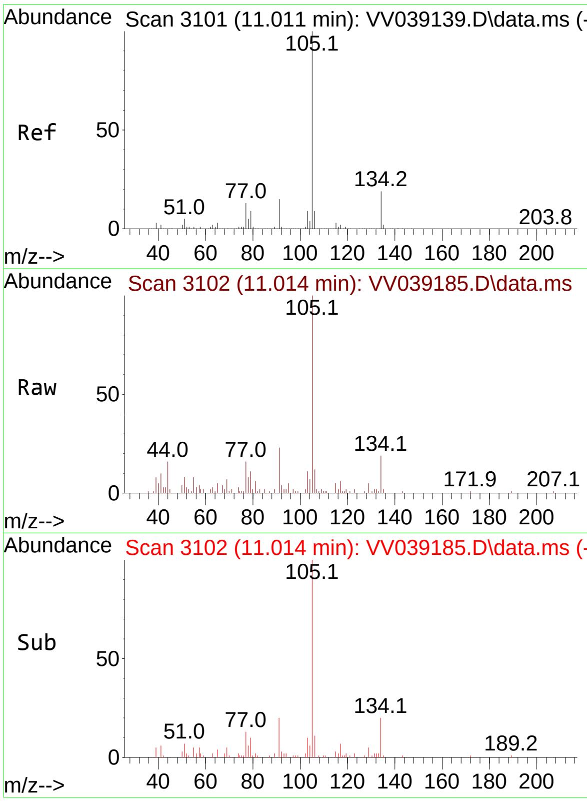


#83
tert-Butylbenzene
Concen: 0.411 ug/l
RT: 10.792 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:119 Resp: 8040

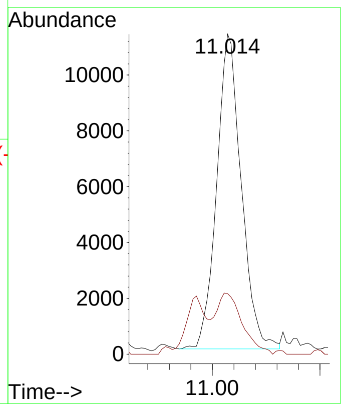
Ion	Ratio	Lower	Upper
119	100		
91	70.0	28.5	85.6
134	26.9	11.5	34.4

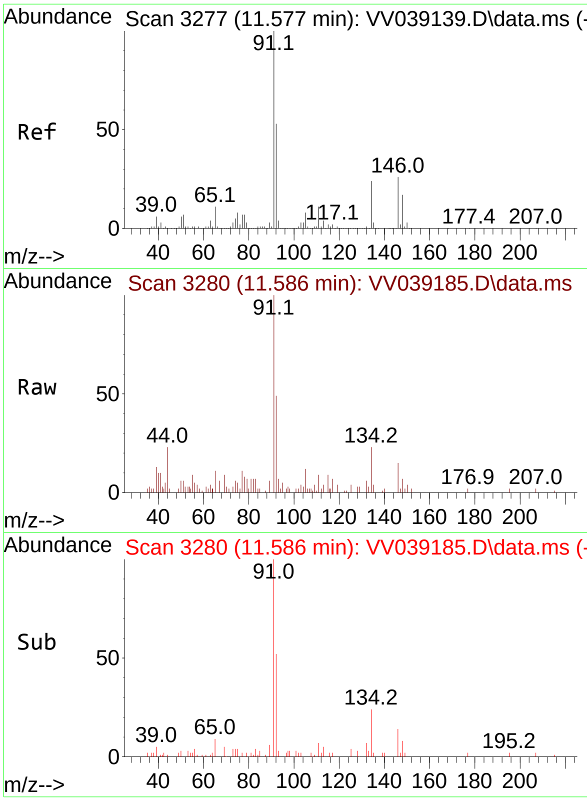





```
#85
sec-Butylbenzene
Concen:    0.690 ug/l
RT:  11.014 min  Scan# 3
Delta R.T.  0.003 min
Lab File:   VV039185.D
Acq: 25 Sep 2025  16:40

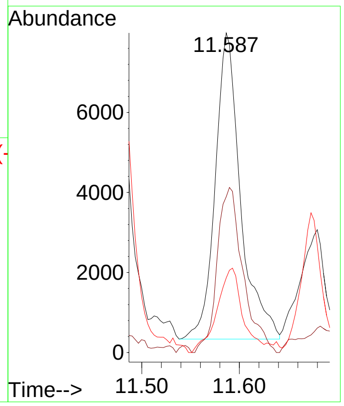
Tgt Ion:105 Resp:   17900
Ion  Ratio  Lower  Upper
105  100
134   20.6    9.6   28.8
```






```
#89
n-Butylbenzene
Concen:    0.671 ug/l
RT:  11.586 min  Scan# 3280
Delta R.T.  0.010 min
Lab File:   VV039185.D
Acq: 25 Sep 2025  16:40

Tgt Ion: 91 Resp:   13827
Ion  Ratio  Lower  Upper
 91  100
 92   55.1   26.6   79.8
134   29.3   12.1   36.3
```



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB3W

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: VV039185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.127	331	338	350	rBV2	20087	32459	1.39%	0.102%
2	2.233	364	371	380	rVB2	15966	28615	1.23%	0.090%
3	3.828	848	867	892	rBV2	14909	57268	2.46%	0.181%
4	4.503	1058	1077	1096	rBV2	312878	836086	35.85%	2.636%
5	4.603	1096	1108	1154	rVB2	435406	1218432	52.25%	3.842%
6	4.944	1201	1214	1244	rBV2	323667	814809	34.94%	2.569%
7	5.535	1386	1398	1433	rBV	658384	1550273	66.48%	4.888%
8	5.854	1486	1497	1515	rBV	11488	32942	1.41%	0.104%
9	7.239	1916	1928	1958	rVV	985017	1881167	80.67%	5.931%
10	7.365	1961	1967	1980	rVB5	29382	61489	2.64%	0.194%
11	7.577	2021	2033	2051	rVB2	34369	66463	2.85%	0.210%
12	7.709	2065	2074	2084	rVB9	11990	23634	1.01%	0.075%
13	8.278	2241	2251	2263	rBV4	18805	33035	1.42%	0.104%
14	8.776	2395	2406	2442	rBV	1155379	2271386	97.40%	7.162%
15	9.403	2583	2601	2615	rBV	15400	46289	1.98%	0.146%
16	9.484	2616	2626	2645	rVB3	20455	46526	2.00%	0.147%
17	9.632	2656	2672	2682	rBV8	17970	38135	1.64%	0.120%
18	9.860	2731	2743	2764	rBV3	55547	109194	4.68%	0.344%
19	10.001	2777	2787	2814	rBV	844242	1442151	61.84%	4.547%
20	10.165	2830	2838	2850	rVB6	17523	32682	1.40%	0.103%
21	10.284	2868	2875	2887	rBV2	34266	60723	2.60%	0.191%
22	10.355	2888	2897	2916	rVB	115955	202515	8.68%	0.639%
23	10.667	2985	2994	3007	rBV	43369	75476	3.24%	0.238%
24	10.792	3027	3033	3044	rBV3	15486	24413	1.05%	0.077%
25	11.014	3097	3102	3113	rVB2	32164	52179	2.24%	0.165%
26	11.175	3141	3152	3173	rBV	1247281	1995995	85.59%	6.294%
27	11.265	3177	3180	3190	rVB	22130	29213	1.25%	0.092%
28	11.381	3208	3216	3226	rVB2	32724	54777	2.35%	0.173%
29	11.455	3229	3239	3255	rBV3	177581	424957	18.22%	1.340%
30	11.587	3275	3280	3293	rVB2	26372	44231	1.90%	0.139%
31	11.673	3299	3307	3319	rBV4	34610	61517	2.64%	0.194%
32	11.943	3375	3391	3411	rBV2	308454	623277	26.73%	1.965%
33	12.040	3411	3421	3444	rBV2	403796	793605	34.03%	2.502%
34	12.165	3454	3460	3469	rBV6	18736	32469	1.39%	0.102%
35	12.223	3471	3478	3494	rVB2	67362	115029	4.93%	0.363%
36	12.339	3494	3514	3527	rBV	294526	533679	22.89%	1.683%

Instrument : MSVOA_V
ClientSampleId : GB3W

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

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	12.477	3548	3557	3566	rBV2	106555	180347	7.73%	0.569%
38	12.570	3579	3586	3592	rBV2	55971	77737	3.33%	0.245%
39	12.612	3592	3599	3604	rBV2	45304	67127	2.88%	0.212%
40	12.651	3605	3611	3617	rVV	78746	99125	4.25%	0.313%
41	12.805	3646	3659	3669	rBV2	1065689	1695964	72.73%	5.347%
42	12.927	3690	3697	3709	rBV2	75277	114931	4.93%	0.362%
43	13.094	3740	3749	3755	rBV2	70100	120567	5.17%	0.380%
44	13.143	3755	3764	3772	rVB	263803	412637	17.69%	1.301%
45	13.194	3772	3780	3788	rBV2	335680	480958	20.62%	1.516%
46	13.262	3794	3801	3804	rBV	144058	187507	8.04%	0.591%
47	13.291	3804	3810	3817	rVB	338251	459463	19.70%	1.449%
48	13.413	3838	3848	3859	rBV5	62234	143235	6.14%	0.452%
49	13.471	3859	3866	3880	rVV2	107629	192016	8.23%	0.605%
50	13.538	3880	3887	3901	rVB7	56205	110874	4.75%	0.350%
51	13.638	3909	3918	3928	rBV5	149887	318707	13.67%	1.005%
52	13.696	3929	3936	3946	rVB3	164990	250177	10.73%	0.789%
53	13.834	3969	3979	3994	rVB	300153	514269	22.05%	1.622%
54	14.014	4025	4035	4048	rBV	394267	741075	31.78%	2.337%
55	14.159	4072	4080	4089	rBV4	169461	281231	12.06%	0.887%
56	14.217	4090	4098	4112	rVB4	381788	735113	31.52%	2.318%
57	14.287	4113	4120	4130	rVB4	73507	118713	5.09%	0.374%
58	14.358	4133	4142	4157	rBV6	174939	395432	16.96%	1.247%
59	14.500	4177	4186	4193	rBV	163885	273419	11.72%	0.862%
60	14.538	4194	4198	4210	rVV6	97367	193592	8.30%	0.610%
61	14.615	4211	4222	4235	rVB5	144542	344132	14.76%	1.085%
62	14.689	4238	4245	4250	rBV3	62628	90085	3.86%	0.284%
63	14.738	4250	4260	4273	rVV	1440153	2331984	100.00%	7.353%
64	14.799	4274	4279	4295	rVB4	95924	184223	7.90%	0.581%
65	15.265	4417	4424	4439	rVB2	121609	214053	9.18%	0.675%
66	15.348	4442	4450	4466	rVV10	55385	109898	4.71%	0.347%
67	15.509	4494	4500	4511	rVB	141044	221360	9.49%	0.698%
68	15.593	4516	4526	4553	rVB3	407607	867026	37.18%	2.734%
69	15.734	4561	4570	4576	rBV	731895	1098586	47.11%	3.464%
70	15.770	4576	4581	4595	rVB	500552	786743	33.74%	2.481%
71	15.934	4623	4632	4635	rBV	186121	265052	11.37%	0.836%
72	15.963	4636	4641	4661	rVB	292232	477543	20.48%	1.506%
73	16.104	4678	4685	4697	rBV	132611	207681	8.91%	0.655%
74	16.644	4847	4853	4861	rVB2	112627	152095	6.52%	0.480%
75	16.692	4862	4868	4890	rVB2	104661	215799	9.25%	0.680%
76	16.837	4907	4913	4925	rVB	109407	159665	6.85%	0.503%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB3W

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

77	16.901	4927	4933	4944	rVB3	49337	77908	3.34%	0.246%

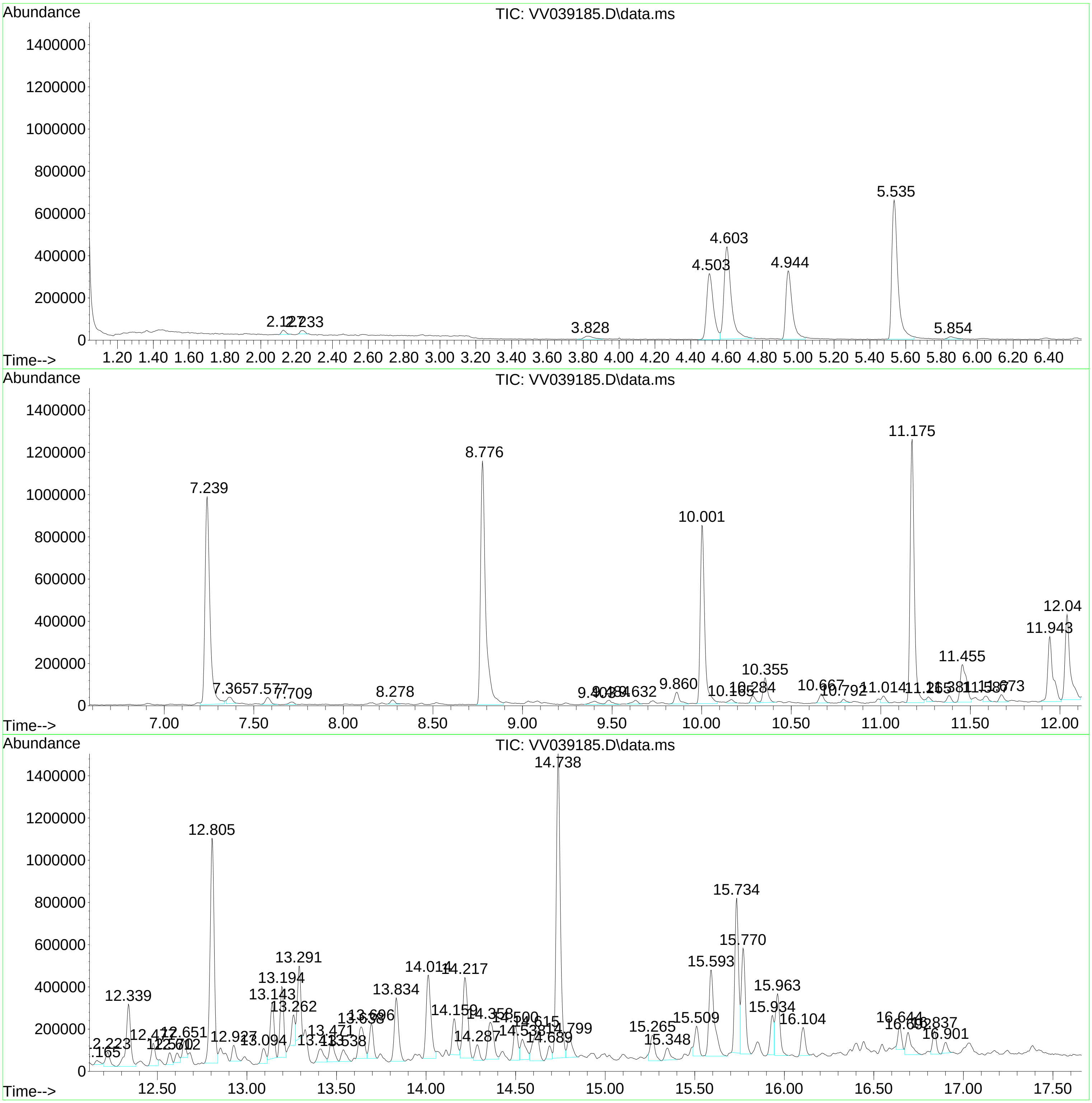
Sum of corrected areas: 31715139

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 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 :
GB3W



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   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
```

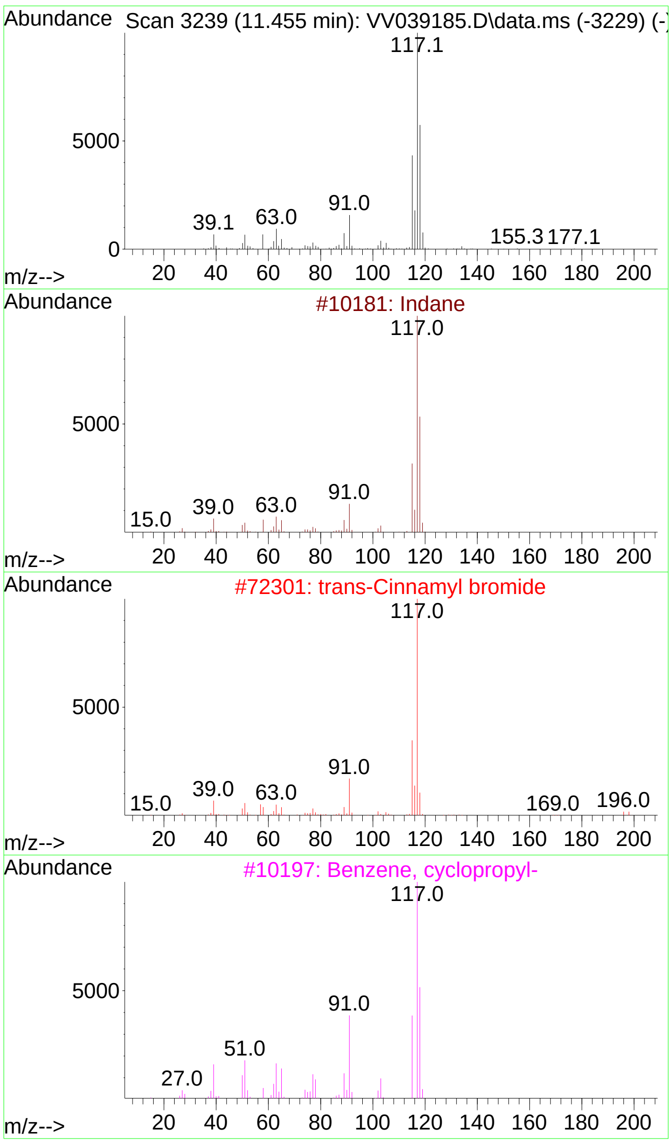
Instrument :
MSVOA_V
ClientSampleId :
GB3W

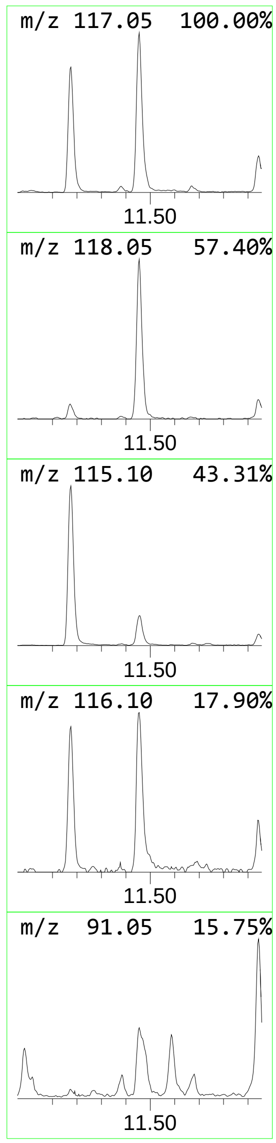
****

Peak Number 1 Indane   Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.455	10.65 ug/l	424957	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	58





Instrument :
MSVOA_V
ClientSampleId :
GB3W


```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

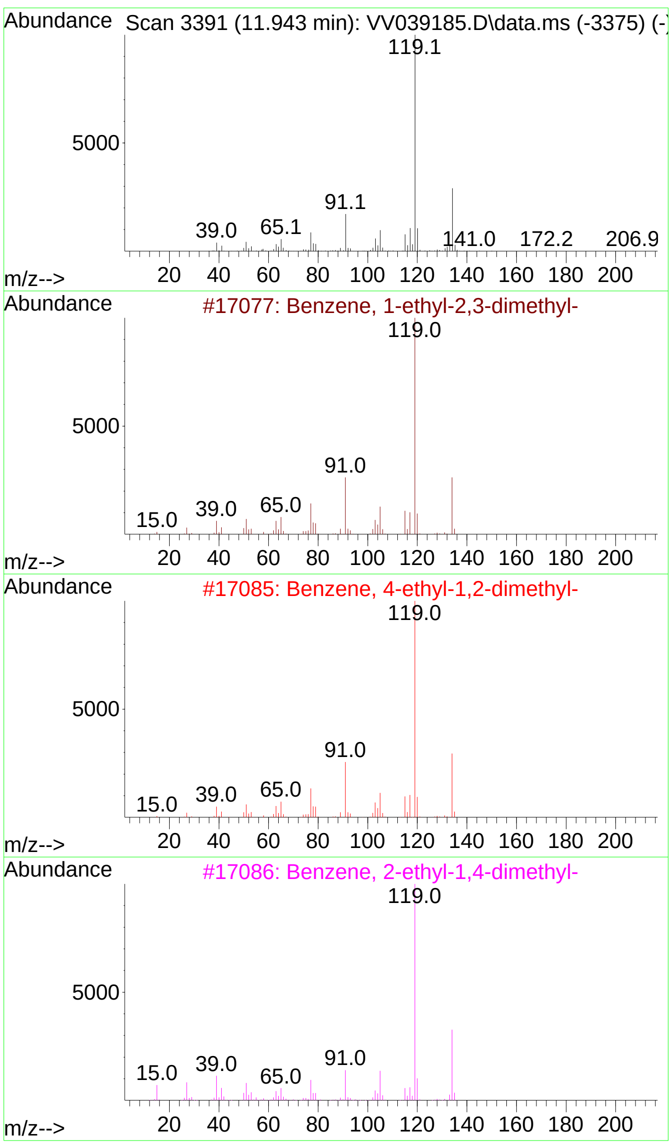
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

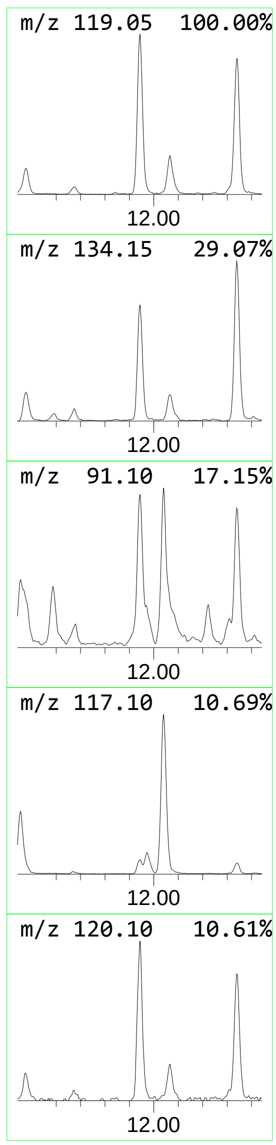
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

*********************************************************************
Peak Number  2  Benzene, 1-ethyl-2,3-dimethyl-  Concentration Rank  9
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	15.61 ug/l	623277	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GB3W

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

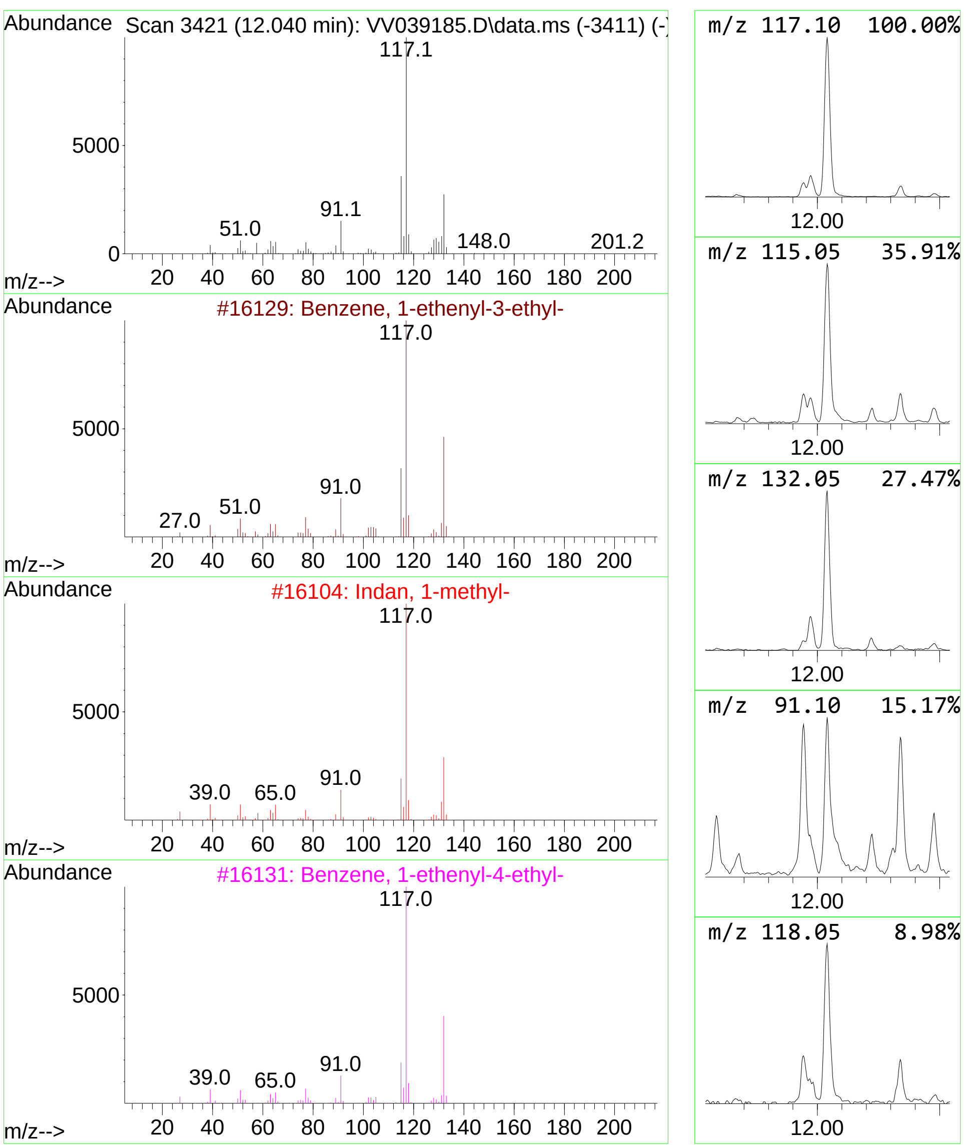
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	19.88 ug/l	793605	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	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB3W

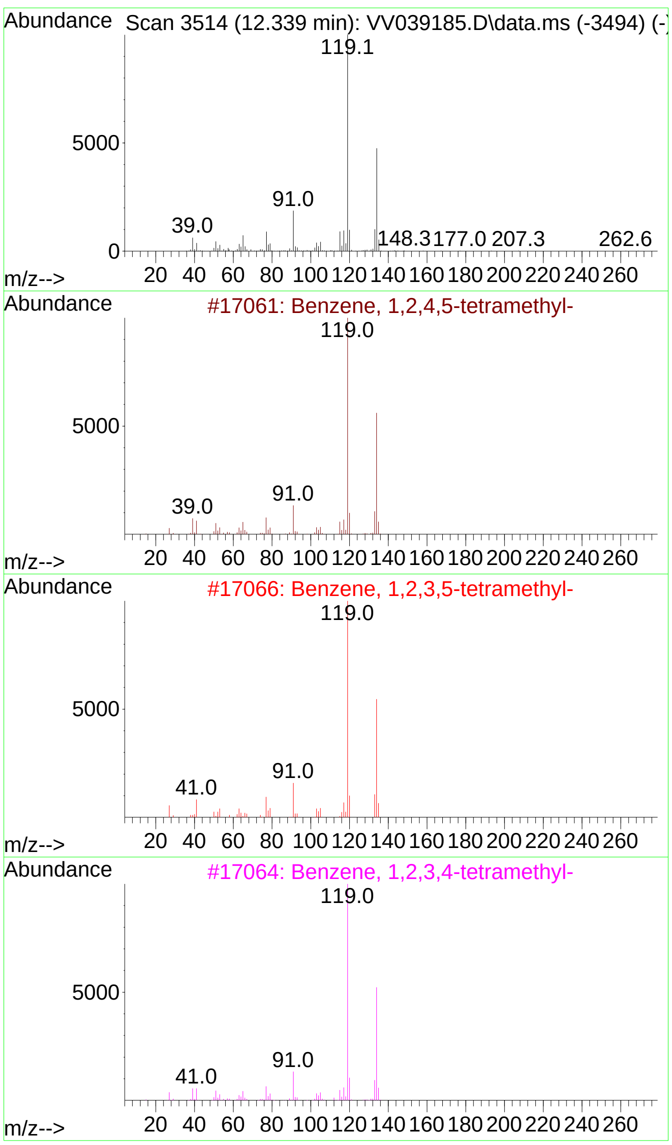
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

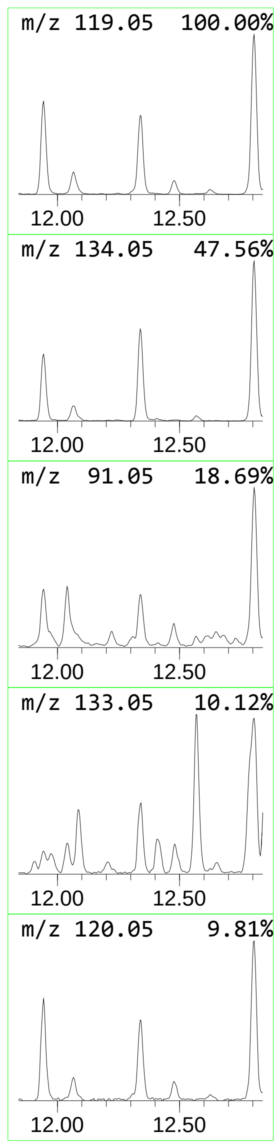
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	13.37 ug/l	533679	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

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

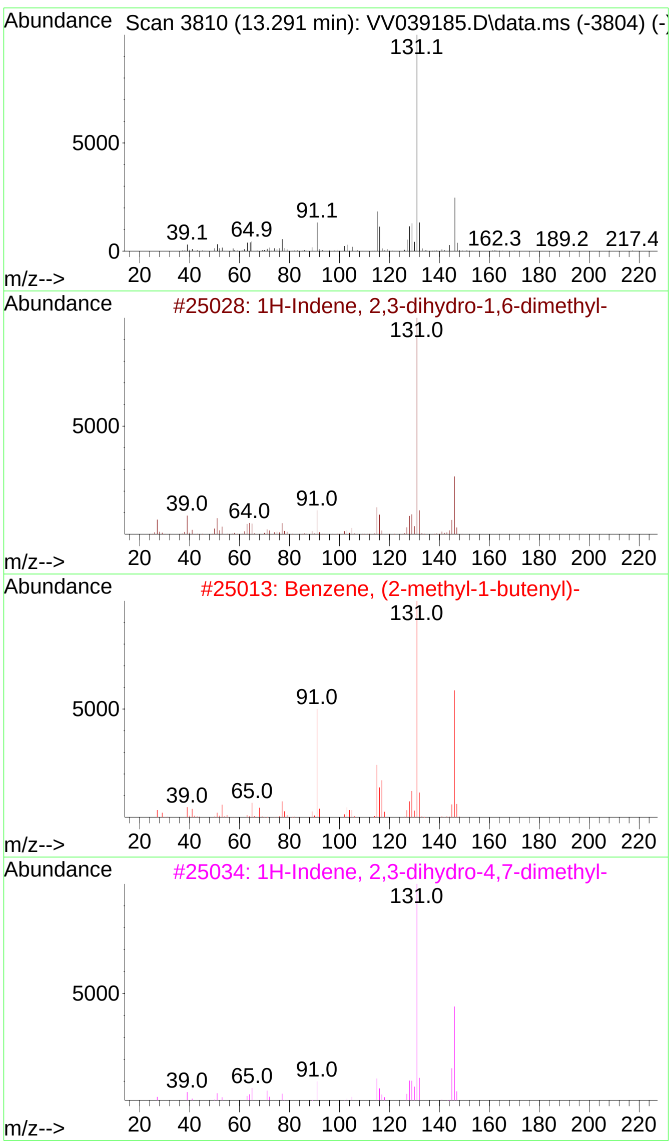
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

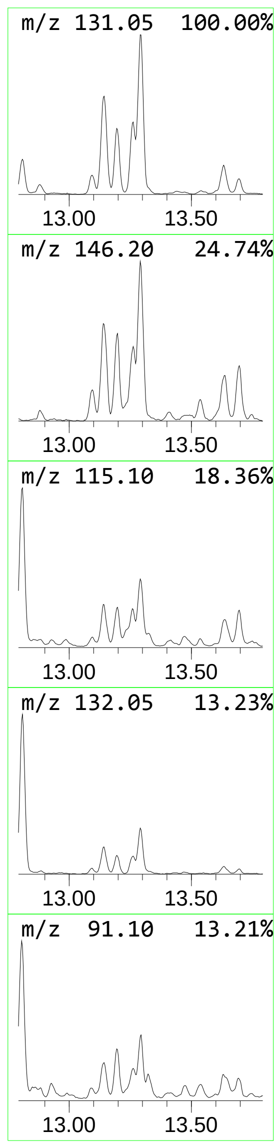
Instrument : MSVOA_V
ClientSampleId : GB3W


```
*********************************************************************
Peak Number  7  1H-Indene, 2,3-dihydro-1,6-...  Concentration Rank 14

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 13.291   11.51 ug/l       459463   1,4-Dichlorobenzene-d4     11.175

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 1H-Indene, 2,3-dihydro-1,6-dimet... 146 C11H14        017059-48-2 95
 2 Benzene, (2-methyl-1-butenyl)-      146 C11H14        056253-64-6 94
 3 1H-Indene, 2,3-dihydro-4,7-dimet... 146 C11H14        006682-71-9 91
 4 1H-Indene, 2,3-dihydro-1,3-dimet... 146 C11H14        004175-53-5 91
 5 1H-Indene, 2,3-dihydro-1,2-dimet... 146 C11H14        017057-82-8 91
```





Instrument : MSVOA_V
ClientSampleId : GB3W

A B C D E F G H I J

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

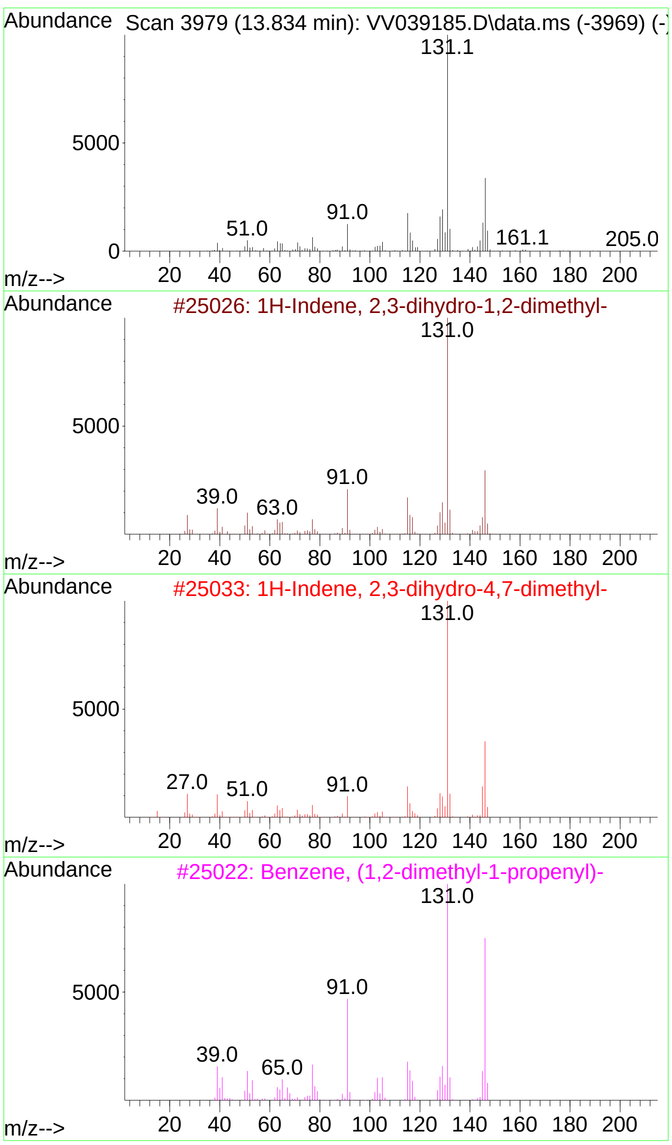
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

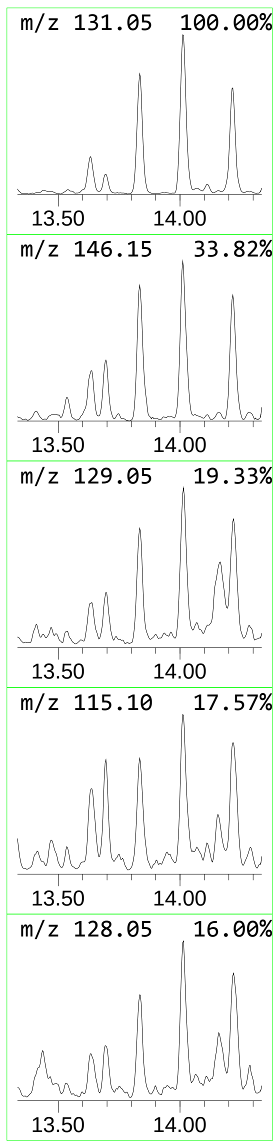
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

*********************************************************************
Peak Number  8  1H-Indene, 2,3-dihydro-1,2-...  Concentration Rank 11
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	12.88 ug/l	514269	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB3W

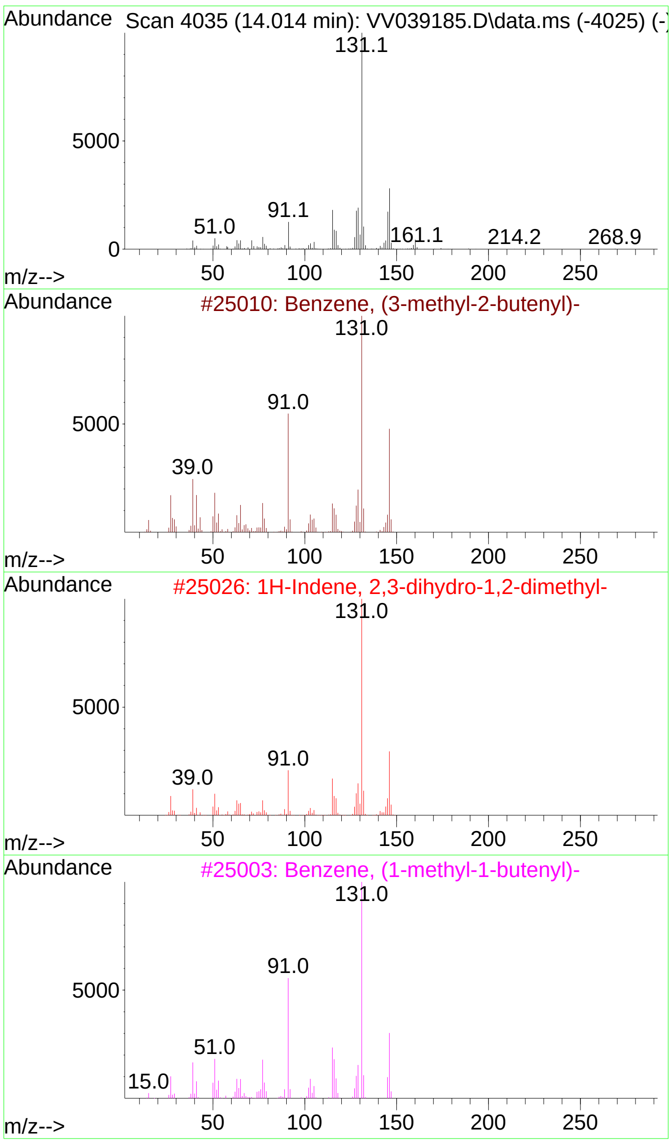
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

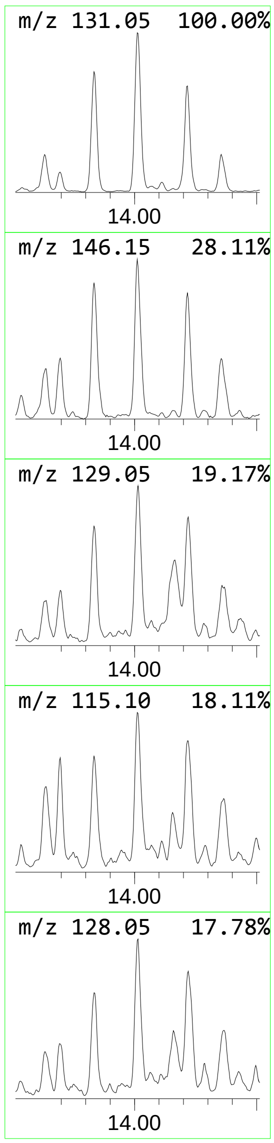
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.014	18.56 ug/l	741075	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





Instrument :
MSVOA_V
ClientSampleId :
GB3W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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

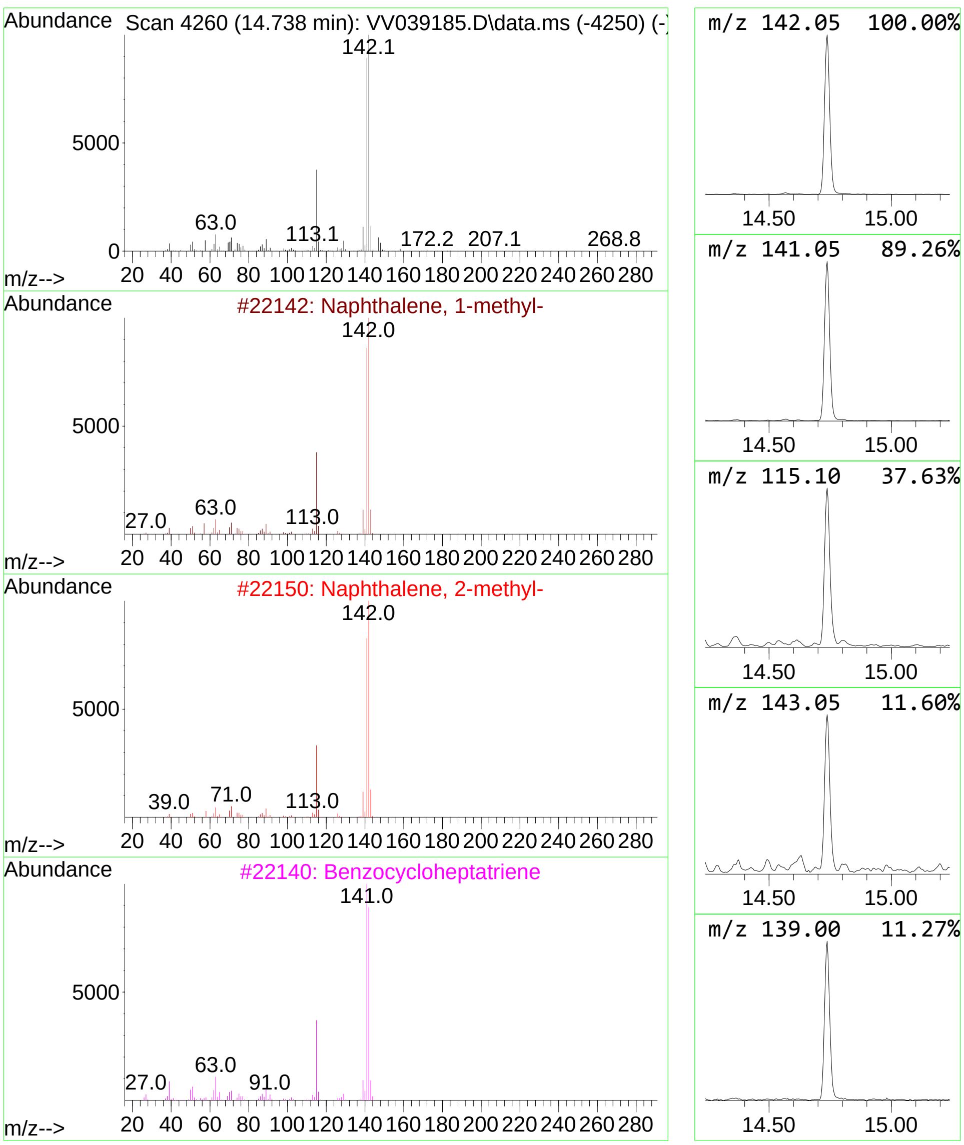
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

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

*********************************************************************
Peak Number 11  Naphthalene, 1-methyl-         Concentration Rank  1
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	58.42 ug/l	2331980	1,4-Dichlorobenzene-d4	11.175

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	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

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

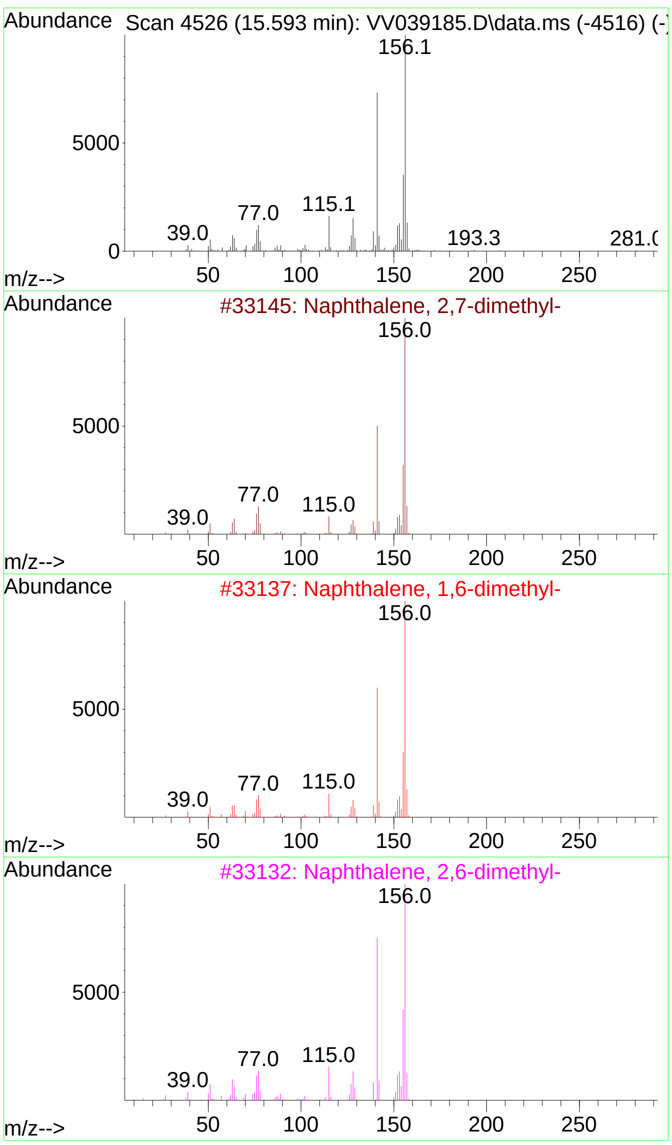
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

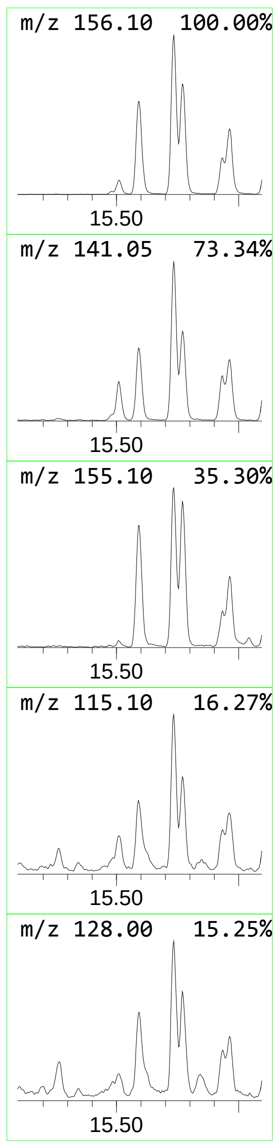
Instrument : MSVOA_V
ClientSampleId : GB3W

```
*********************************************************************
Peak Number 12  Naphthalene, 2,7-dimethyl-      Concentration Rank  4
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.593	21.72 ug/l	867026	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB3W

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

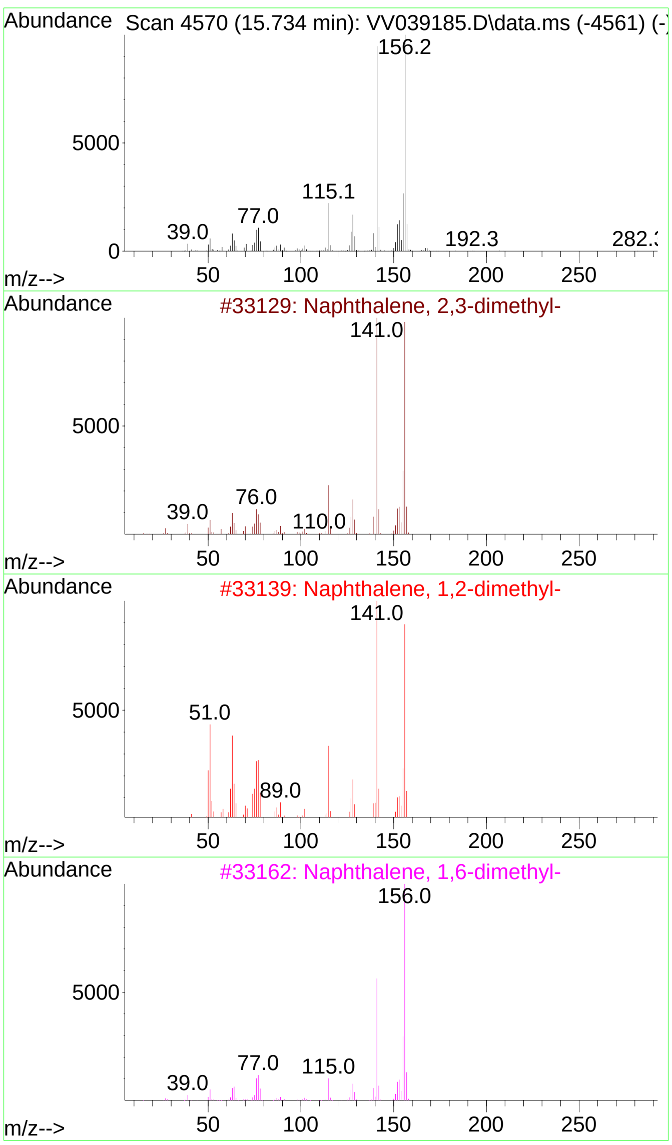
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

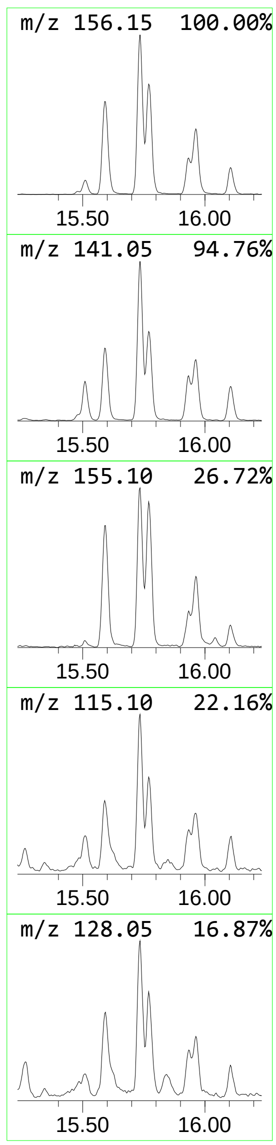
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.734	27.52 ug/l	1098590	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Instrument :
MSVOA_V
ClientSampleId :
GB3W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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On    : 25 Sep 2025  16:40
Operator  : SY/MD
Sample    : Q3172-03
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 19   Sample Multiplier: 1

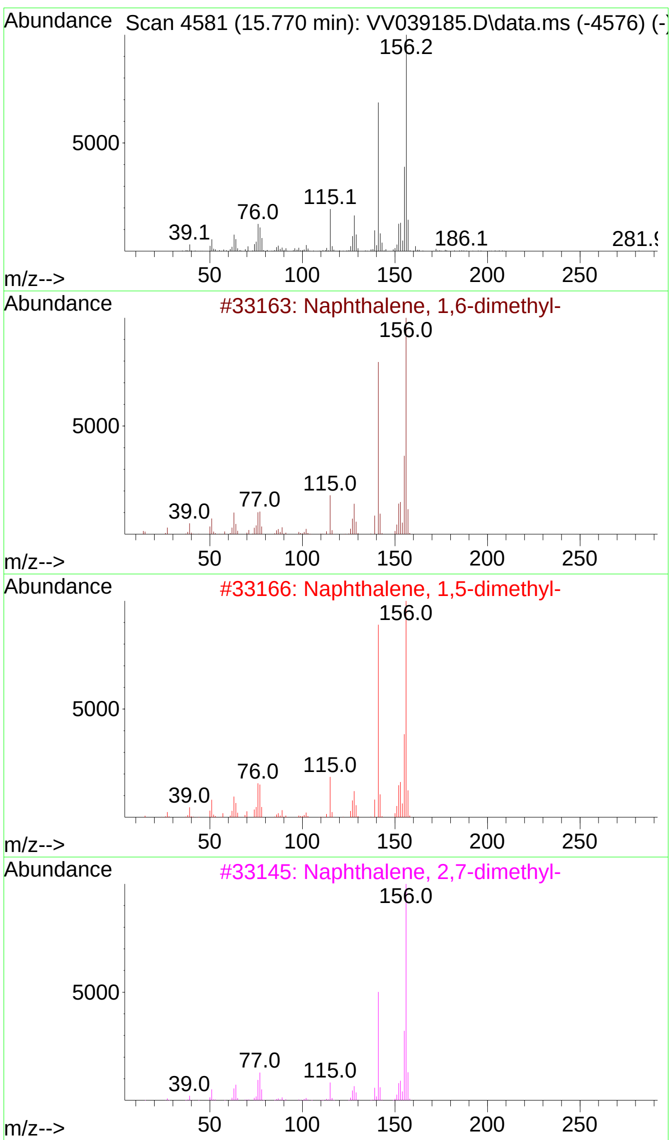
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

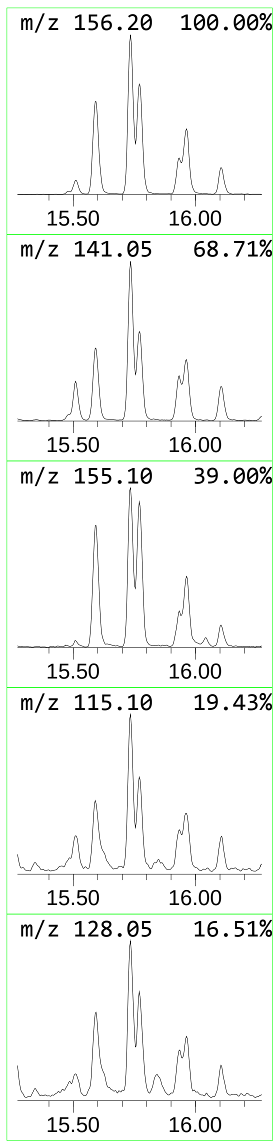
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

*********************************************************************
Peak Number 14  Naphthalene, 1,6-dimethyl-      Concentration Rank  6

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 15.770   19.71 ug/l       786743   1,4-Dichlorobenzene-d4     11.175

 Hit# of  5    Tentative ID              MW  MolForm        CAS#       Qual
---------------------------------------------------------------------
 1 Naphthalene, 1,6-dimethyl-          156 C12H12         000575-43-9 96
 2 Naphthalene, 1,5-dimethyl-          156 C12H12         000571-61-9 96
 3 Naphthalene, 2,7-dimethyl-          156 C12H12         000582-16-1 96
 4 Naphthalene, 1,3-dimethyl-          156 C12H12         000575-41-7 96
 5 Naphthalene, 2,6-dimethyl-          156 C12H12         000581-42-0 96
```





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GB3W

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

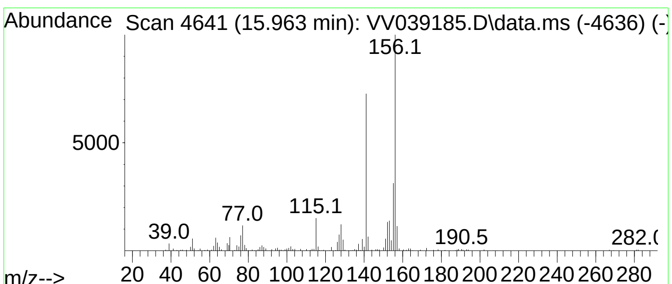
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

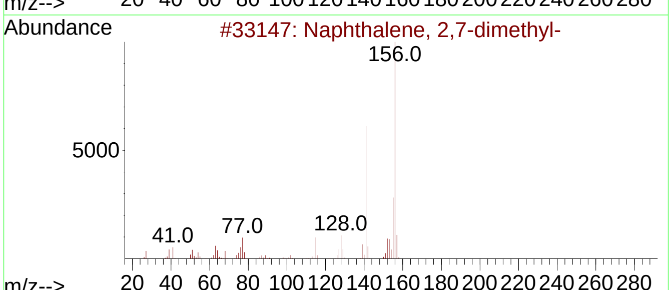
****

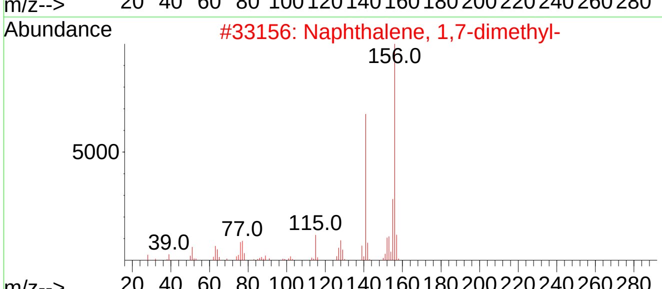
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 13

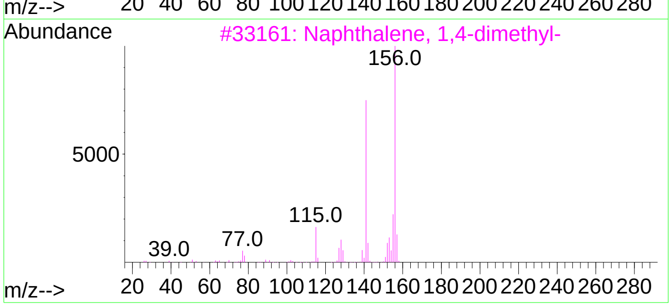
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	11.96 ug/l	477543	1,4-Dichlorobenzene-d4	11.175

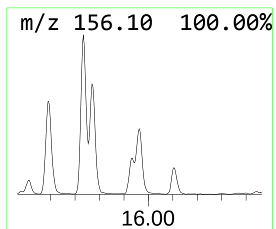
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94

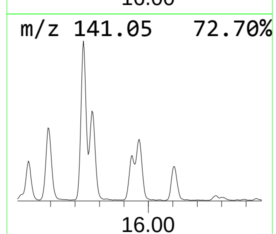


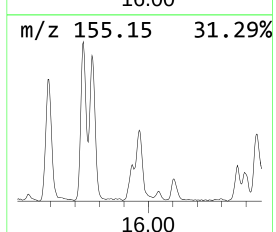


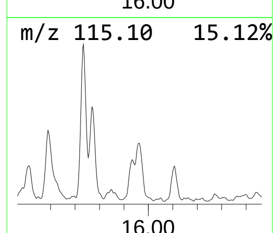


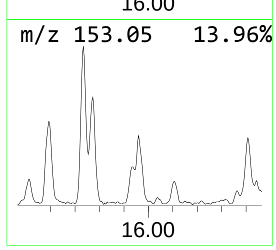












5

Instrument :
MSVOA_V
ClientSampleId :
GB3W

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039185.D
Acq On : 25 Sep 2025 16:40
Operator : SY/MD
Sample : Q3172-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	11.455	10.7	ug/l	424957	4	11.175	1996000	50.0
Benzene, 1-ethy...	11.943	15.6	ug/l	623277	4	11.175	1996000	50.0
Benzene, 1-ethe...	12.040	19.9	ug/l	793605	4	11.175	1996000	50.0
Benzene, 1,2,4,...	12.339	13.4	ug/l	533679	4	11.175	1996000	50.0
1H-Indene, 2,3-...	13.291	11.5	ug/l	459463	4	11.175	1996000	50.0
1H-Indene, 2,3-...	13.834	12.9	ug/l	514269	4	11.175	1996000	50.0
Benzene, (3-met...	14.014	18.6	ug/l	741075	4	11.175	1996000	50.0
Naphthalene, 1-...	14.738	58.4	ug/l	2331980	4	11.175	1996000	50.0
Naphthalene, 2,...	15.593	21.7	ug/l	867026	4	11.175	1996000	50.0
Naphthalene, 2,...	15.734	27.5	ug/l	1098590	4	11.175	1996000	50.0
Naphthalene, 1,...	15.770	19.7	ug/l	786743	4	11.175	1996000	50.0
Naphthalene, 1,...	15.963	12.0	ug/l	477543	4	11.175	1996000	50.0

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01


```
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

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%

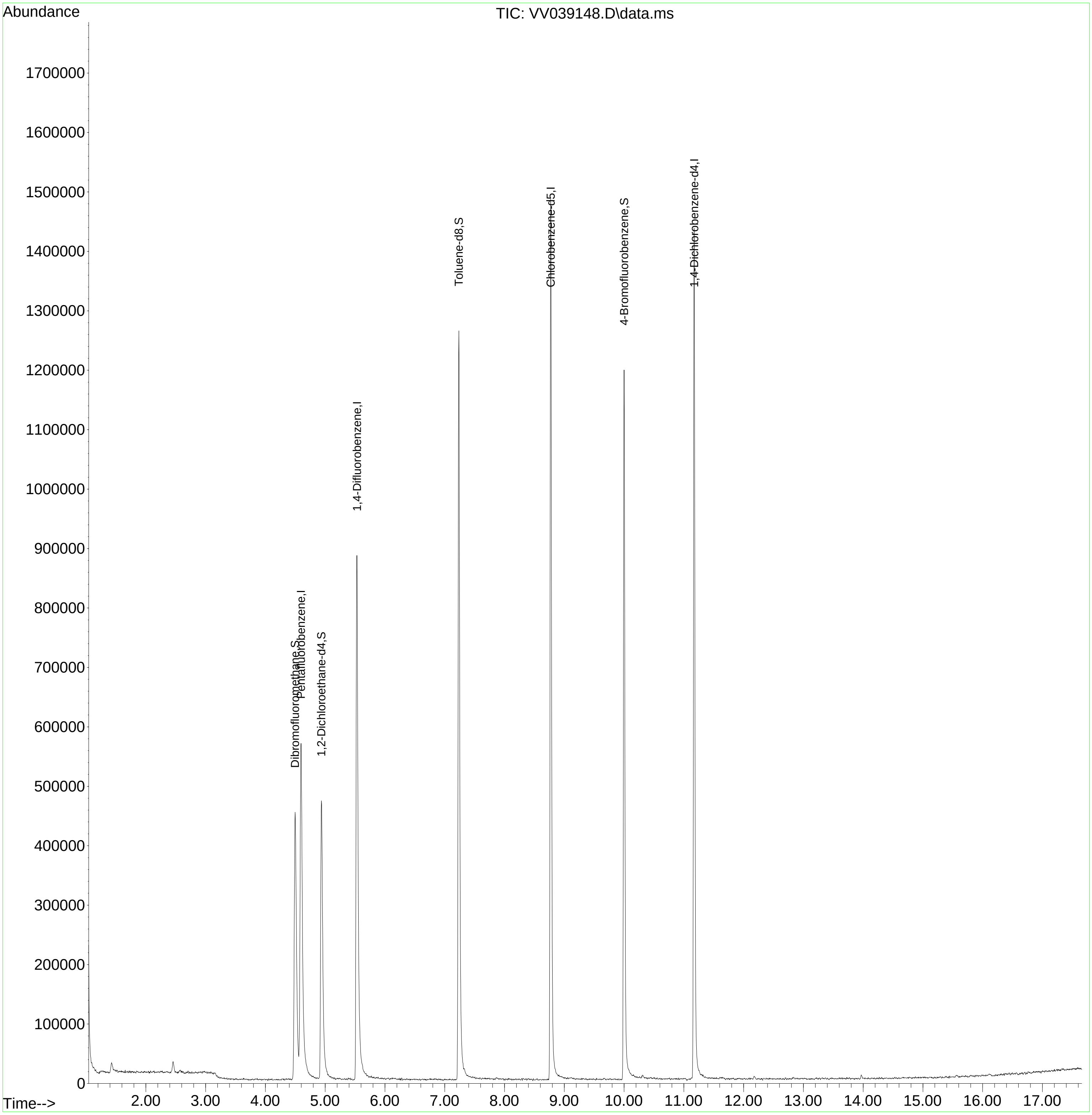
Target Compounds                                                   Qvalue
--------------------------------------------------------------------------

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

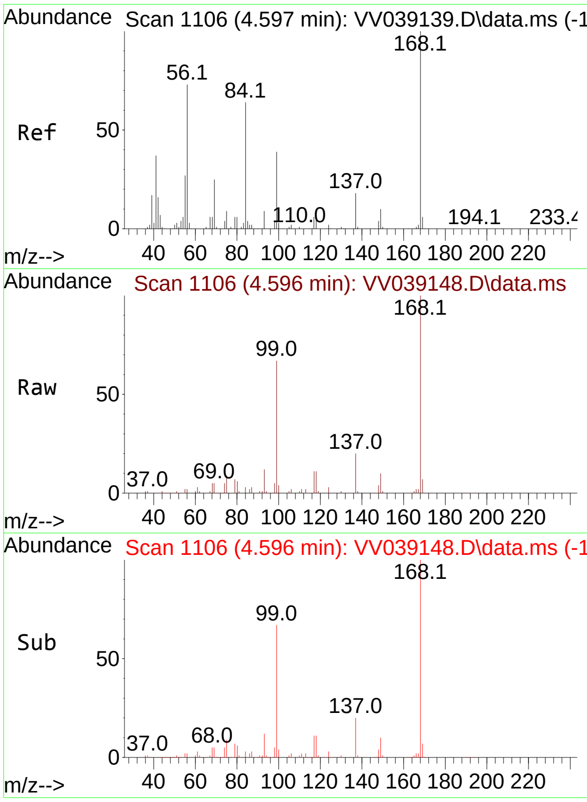
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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

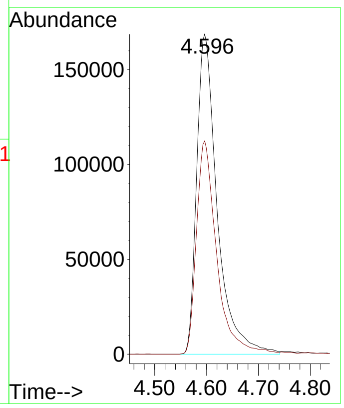


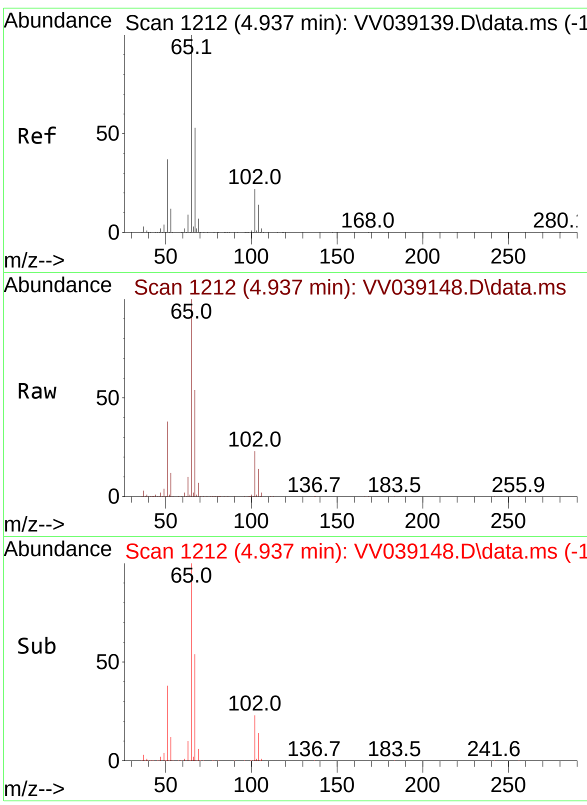
Instrument : MSVOA_V
ClientSampleId : VV0924WBL01




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

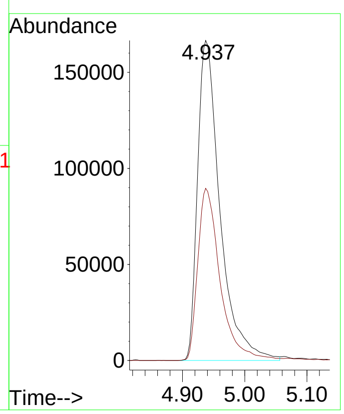
Tgt Ion:168 Resp:  463770
Ion  Ratio  Lower  Upper
168  100
 99   66.7   49.6   74.4
```



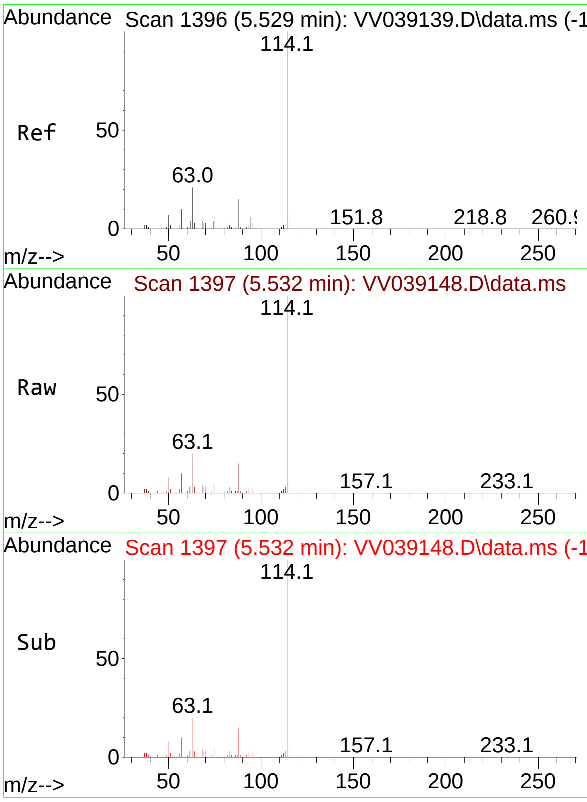



```
#33
1,2-Dichloroethane-d4
Concen:   62.230 ug/l
RT:   4.937 min  Scan# 1212
Delta R.T.   -0.000 min
Lab File:    VV039148.D
Acq: 24 Sep 2025  13:09

Tgt Ion: 65 Resp:  417696
Ion  Ratio  Lower  Upper
 65  100
 67   53.6    0.0  107.0
```



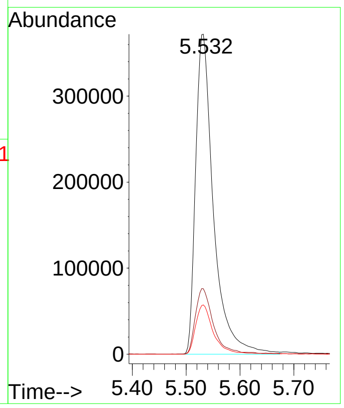
Instrument : MSVOA_V
ClientSampleId : VV0924WBL01

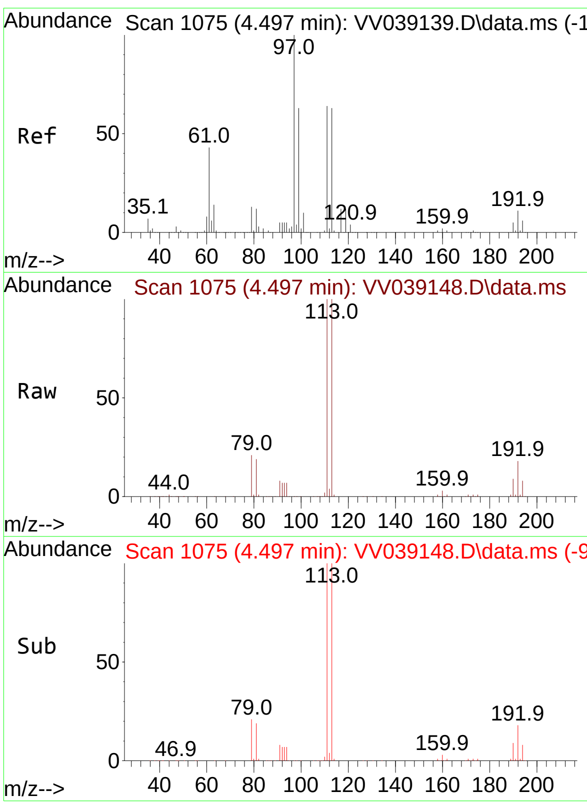


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

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

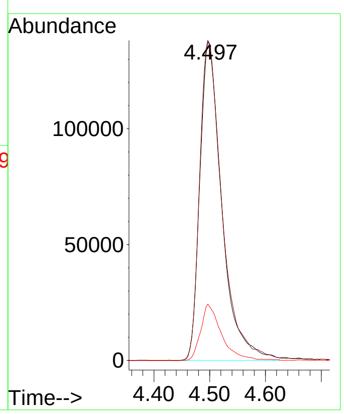




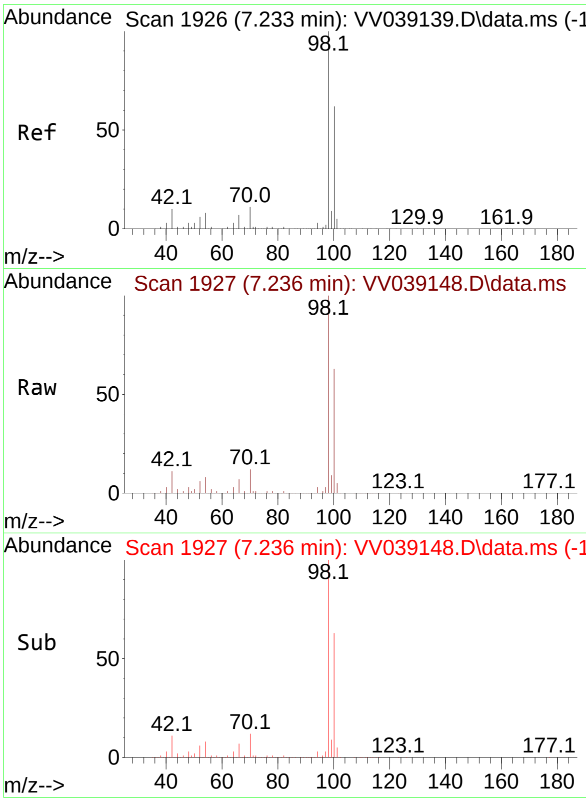
#35
Dibromofluoromethane
Concen: 54.568 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

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



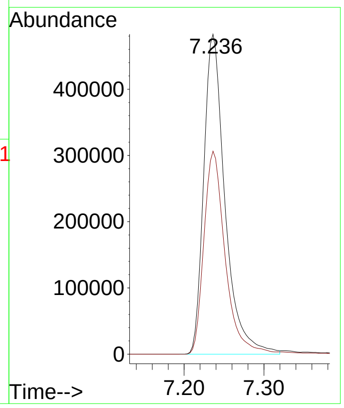
Instrument : MSVOA_V
ClientSampleId : VV0924WBL01

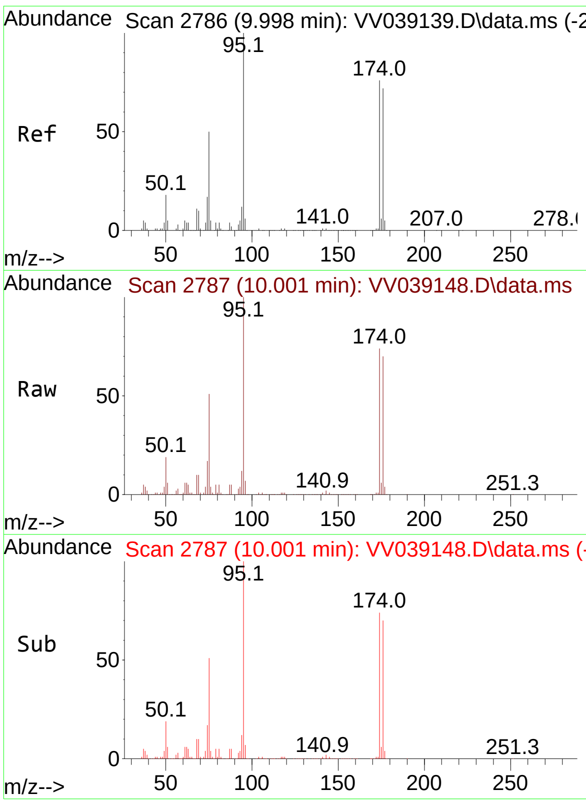


#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.236 min   Scan# 1
Delta R.T.   0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025   13:09

Tgt Ion: 98 Resp: 894968

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.2

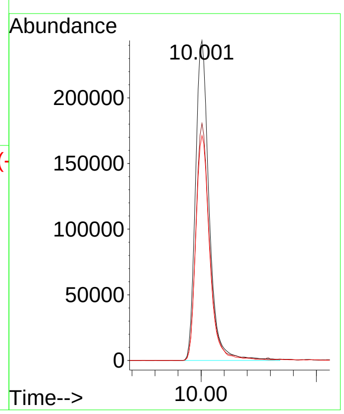




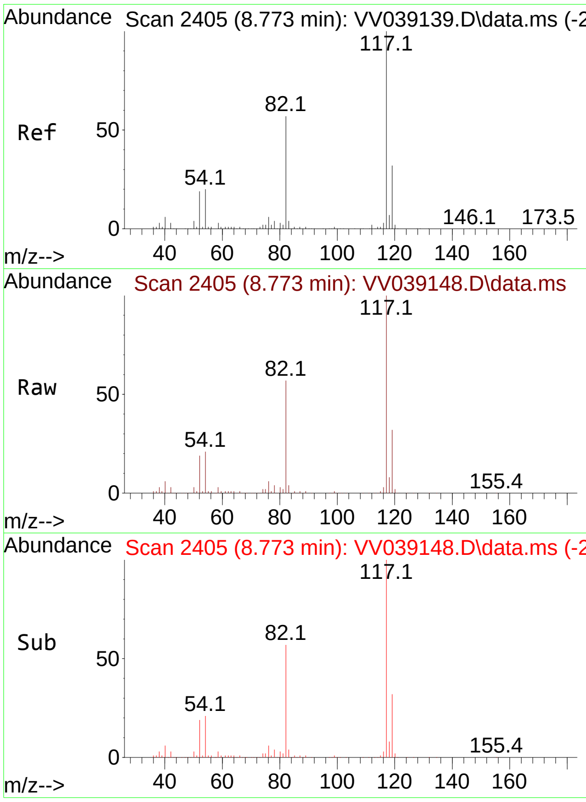
#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 10.001 min   Scan# 2787
Delta R.T.   0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025   13:09

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



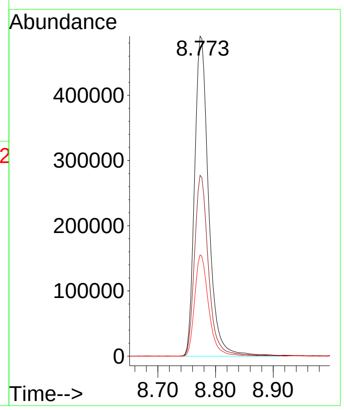
Instrument : MSVOA_V
ClientSampleId : VV0924WBL01

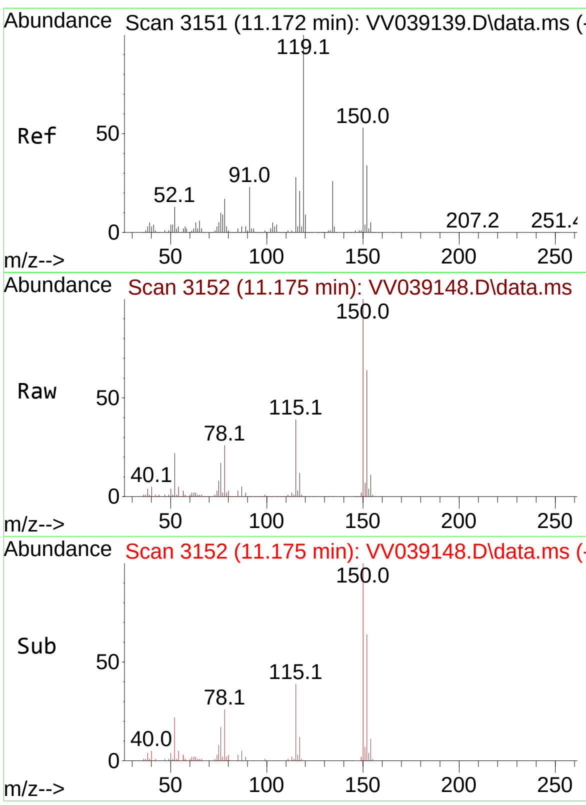


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

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

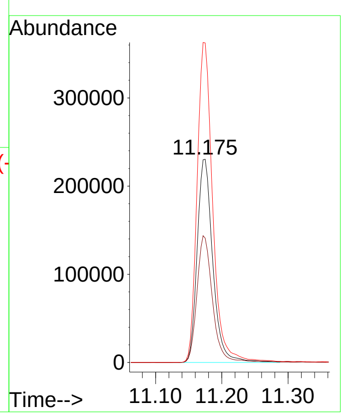




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

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



```
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

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
```

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

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%

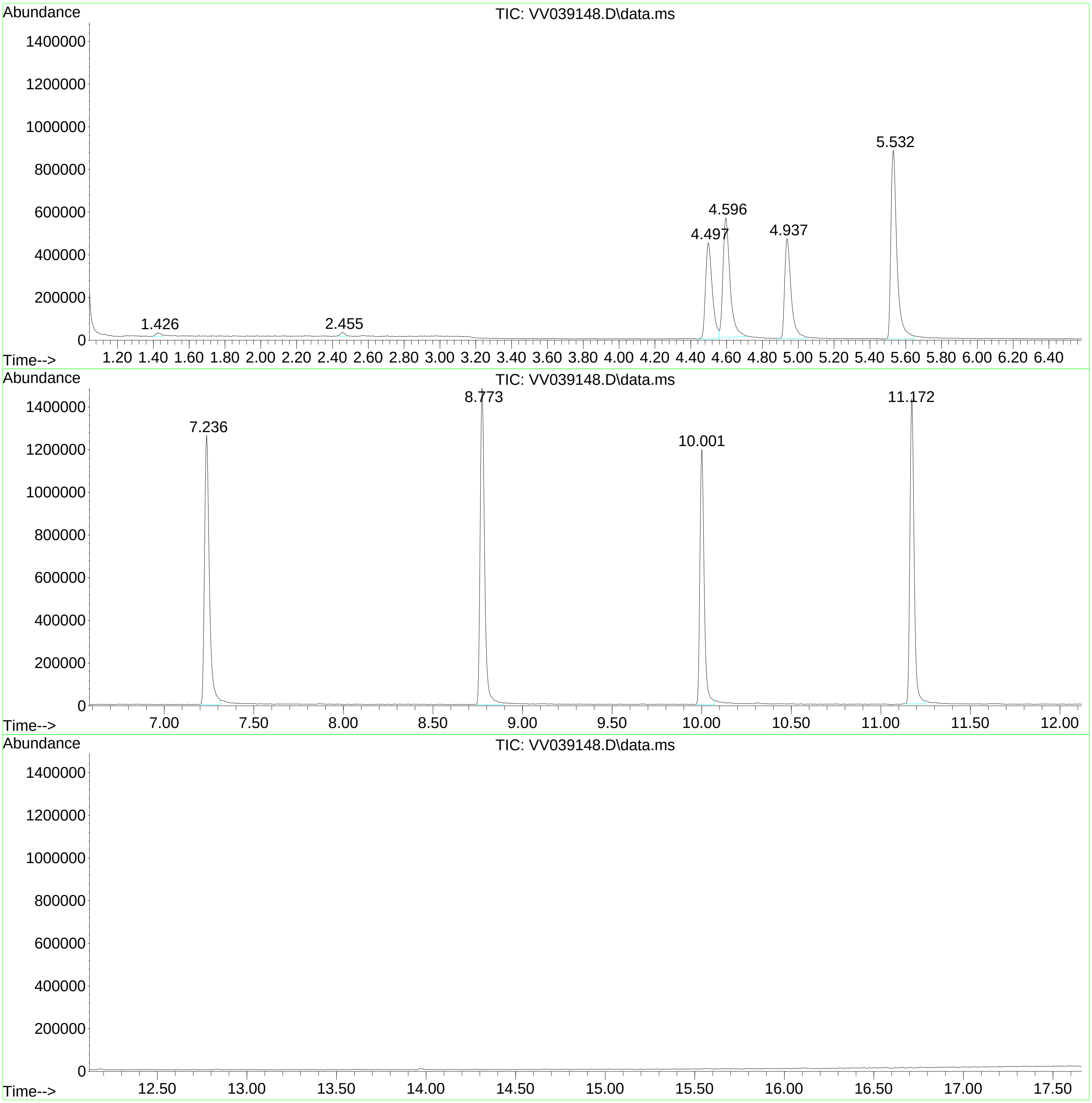
Sum of corrected areas: 15284367

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
****

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01


```
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

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%		

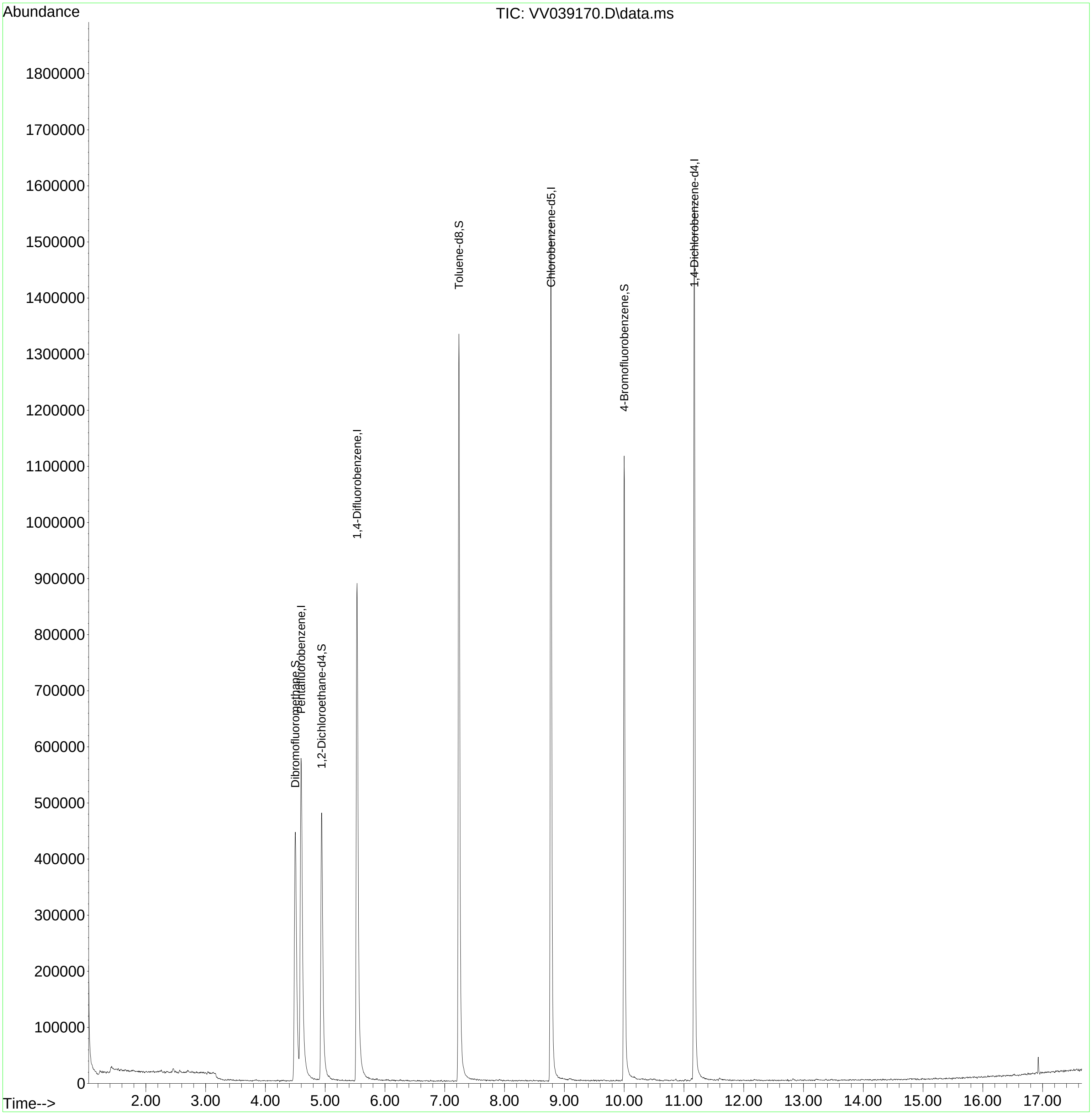
Target Compounds	Qvalue

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

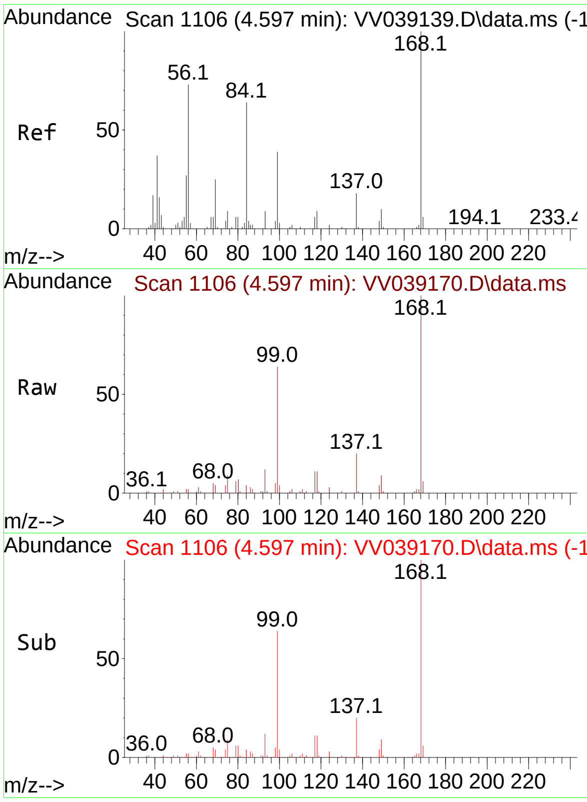
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039170.D
Acq On : 25 Sep 2025 11:01
Operator : SY/MD
Sample : VV0925WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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



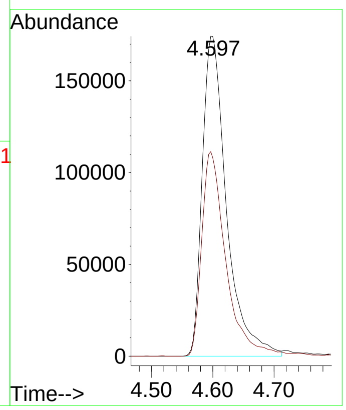
Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

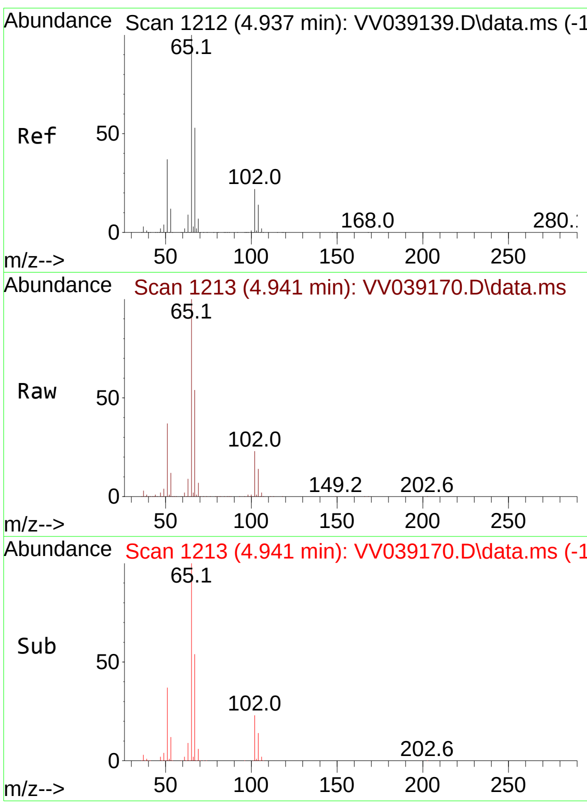


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion:168 Resp: 480047

Ion	Ratio	Lower	Upper
168	100		
99	63.9	49.6	74.4

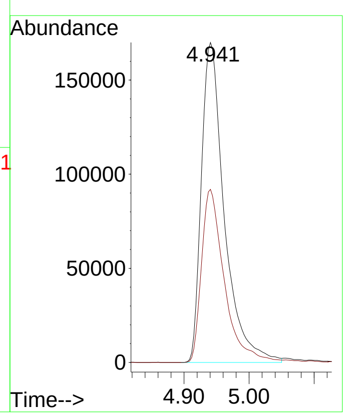


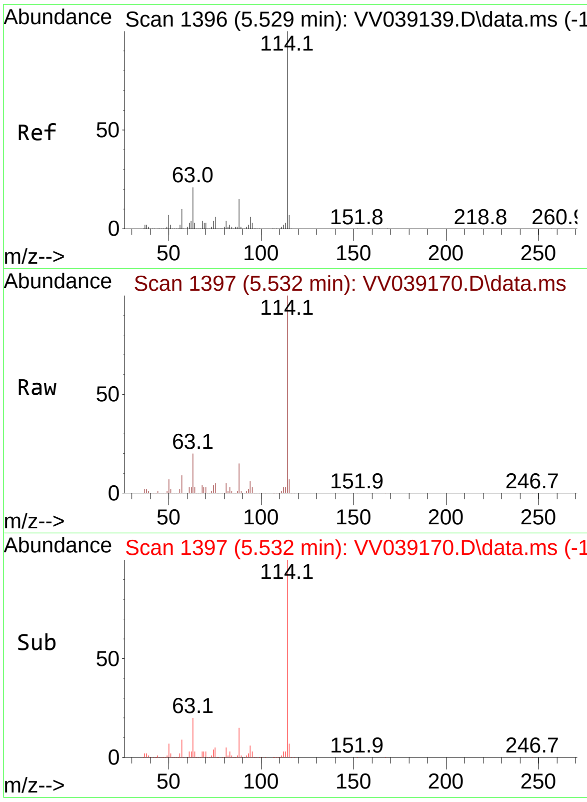


#33
1,2-Dichloroethane-d4
Concen: 60.097 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 65 Resp: 417535

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.0

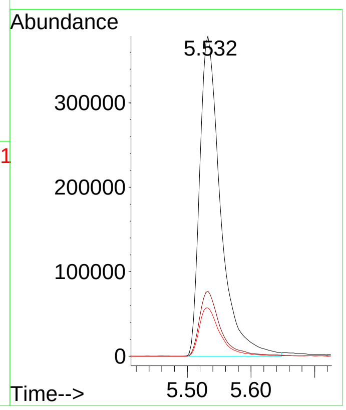


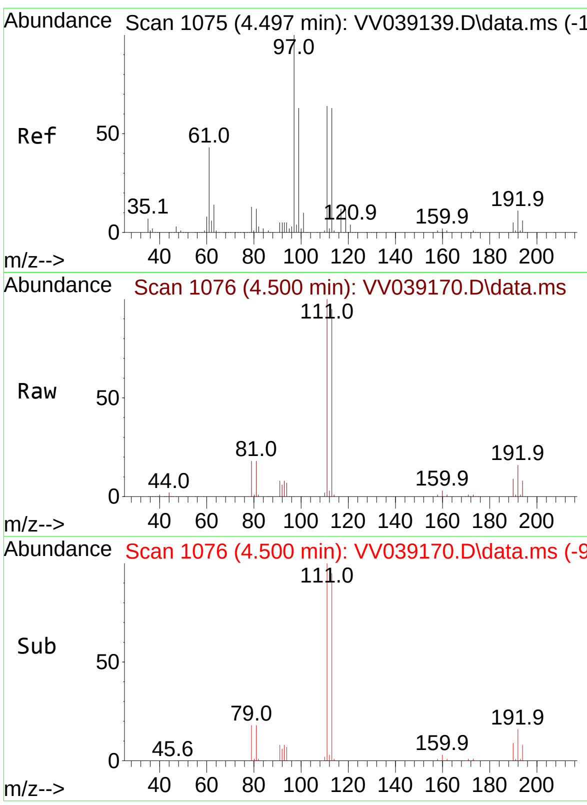


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

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

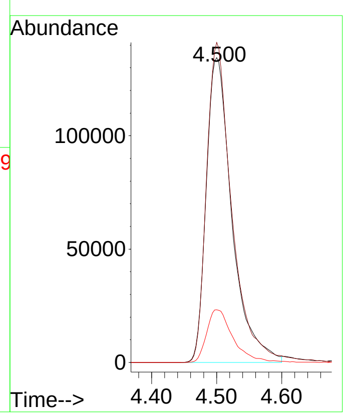




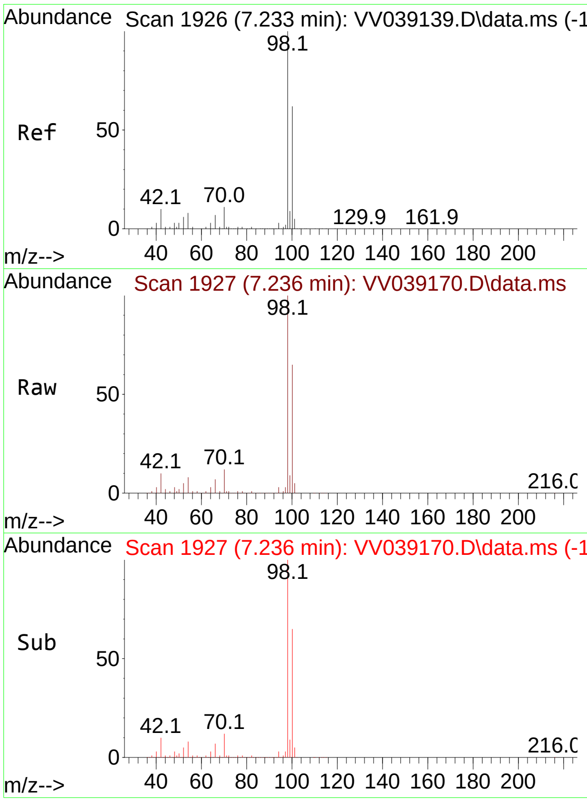
#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

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



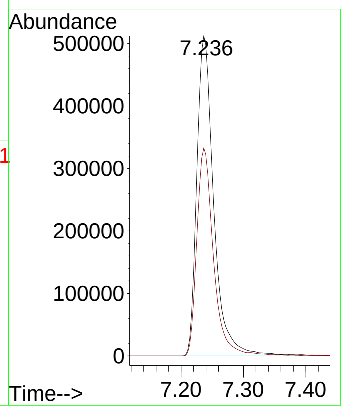
Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

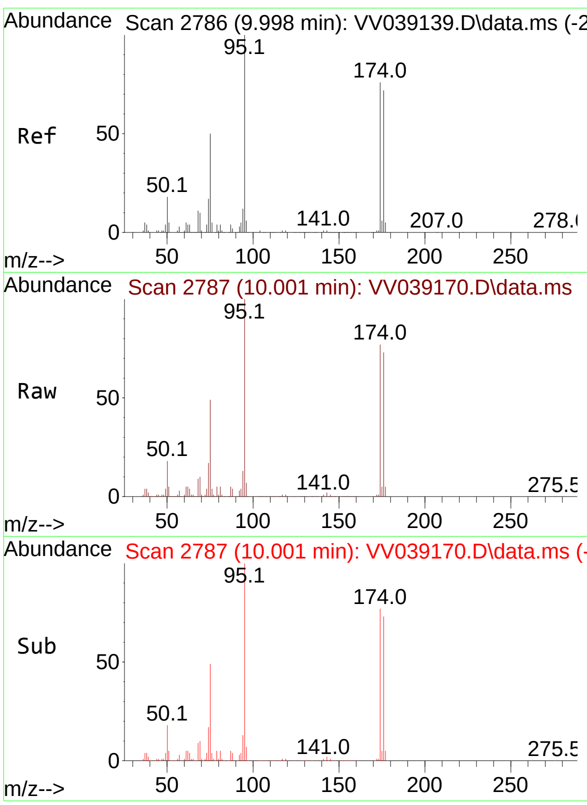


#50
Toluene-d8
Concen: 47.302 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 98 Resp: 965988

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

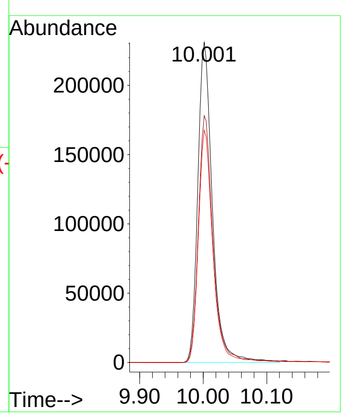




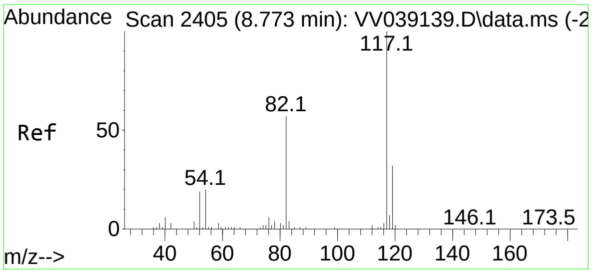
#62
4-Bromofluorobenzene
Concen: 44.133 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

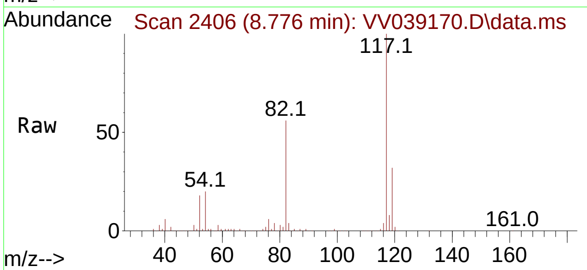
Tgt Ion: 95 Resp: 371030

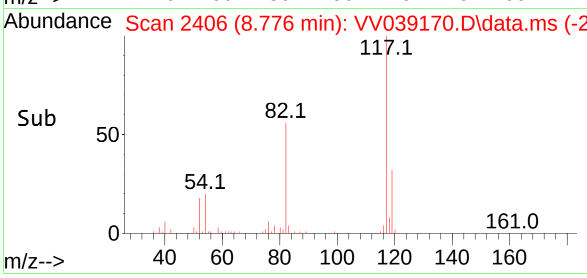
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.4
176	71.4	0.0	144.2



Instrument : MSVOA_V
ClientSampleId : VV0925WBL01



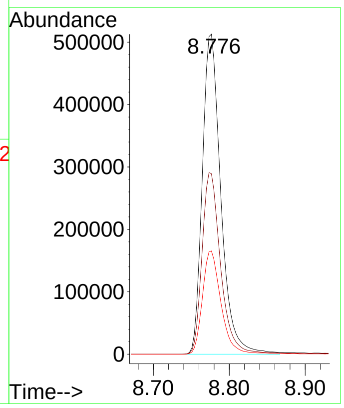


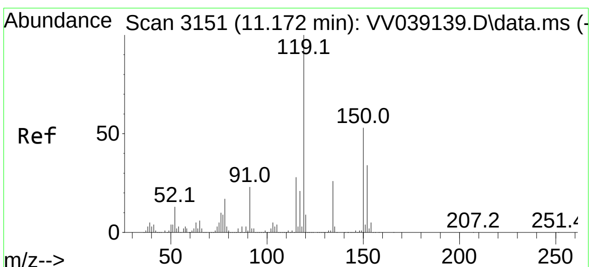


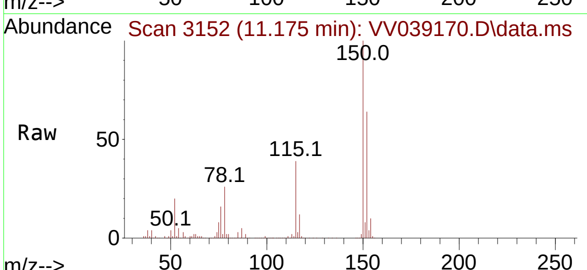
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

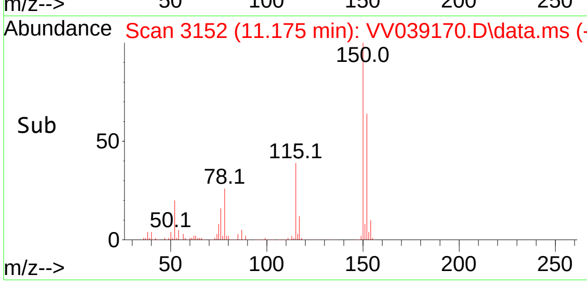
Tgt Ion:117 Resp: 870930

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





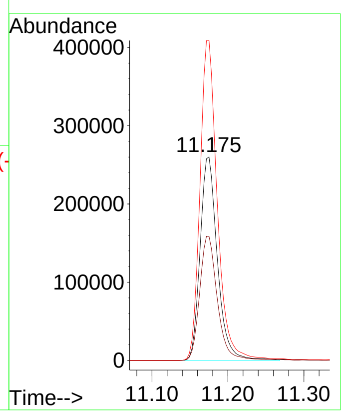




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

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



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%

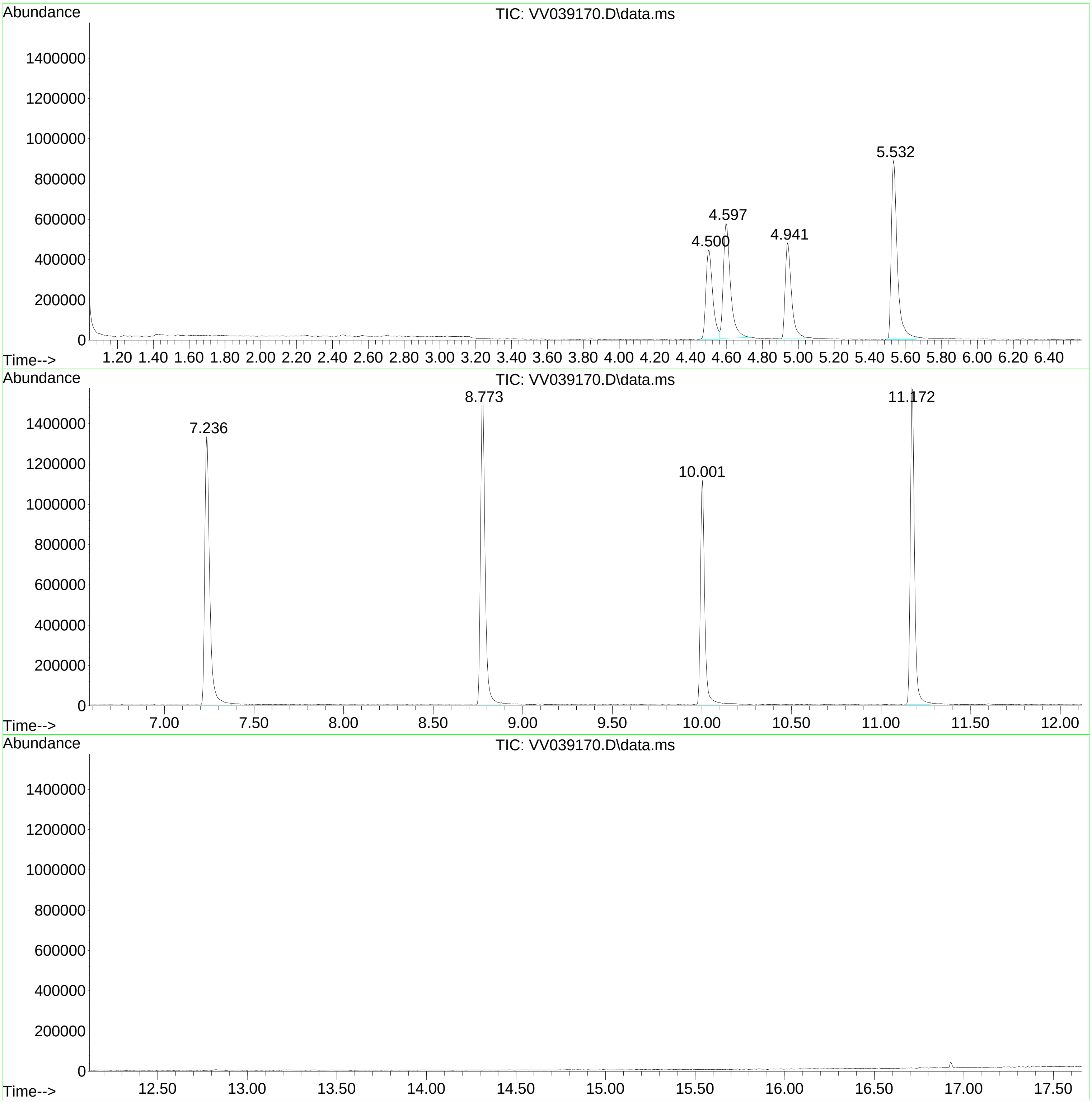
Sum of corrected areas: 15562336

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



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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

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
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Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

No Library Search Compounds Detected
****

Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

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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

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

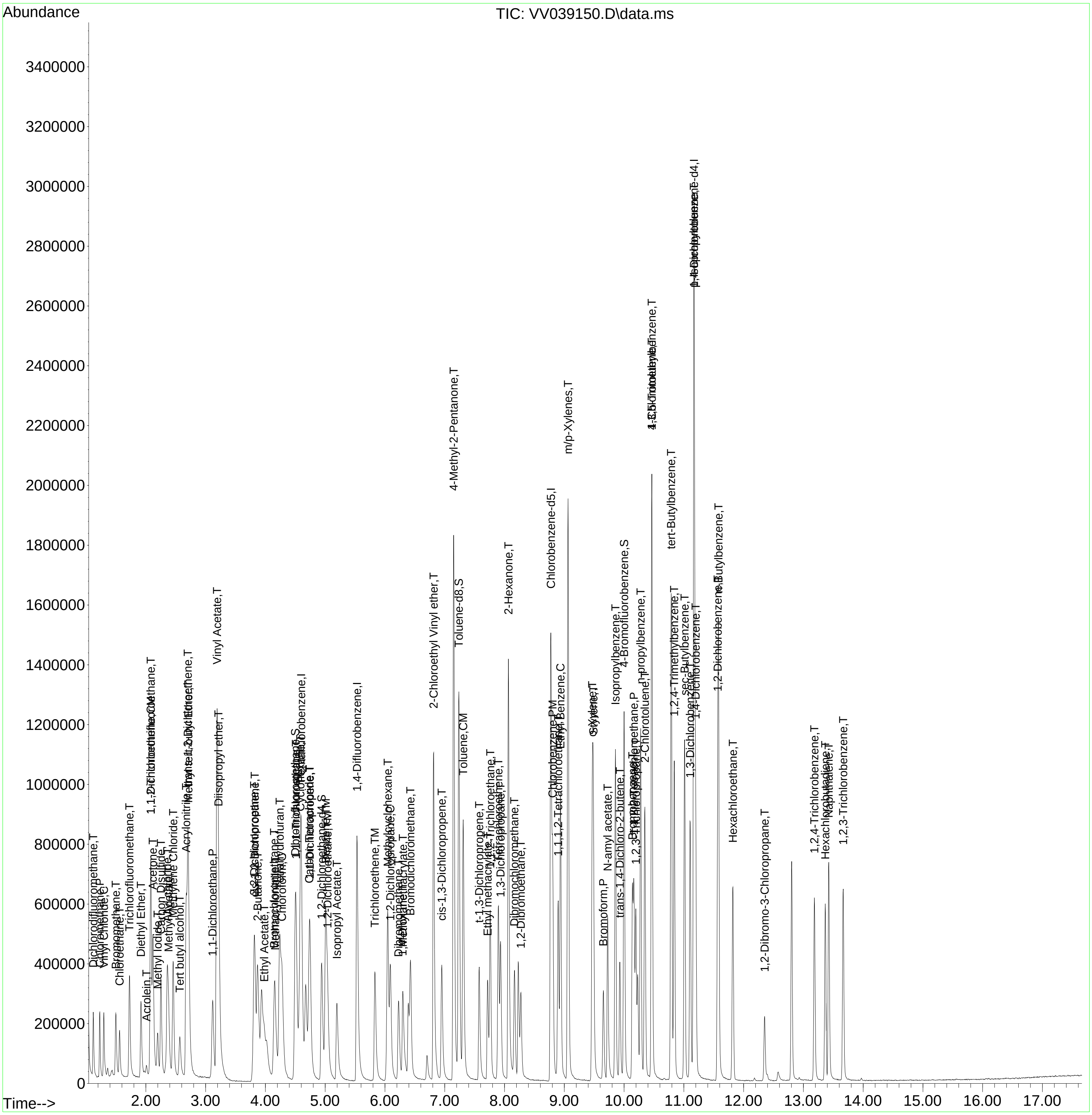
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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

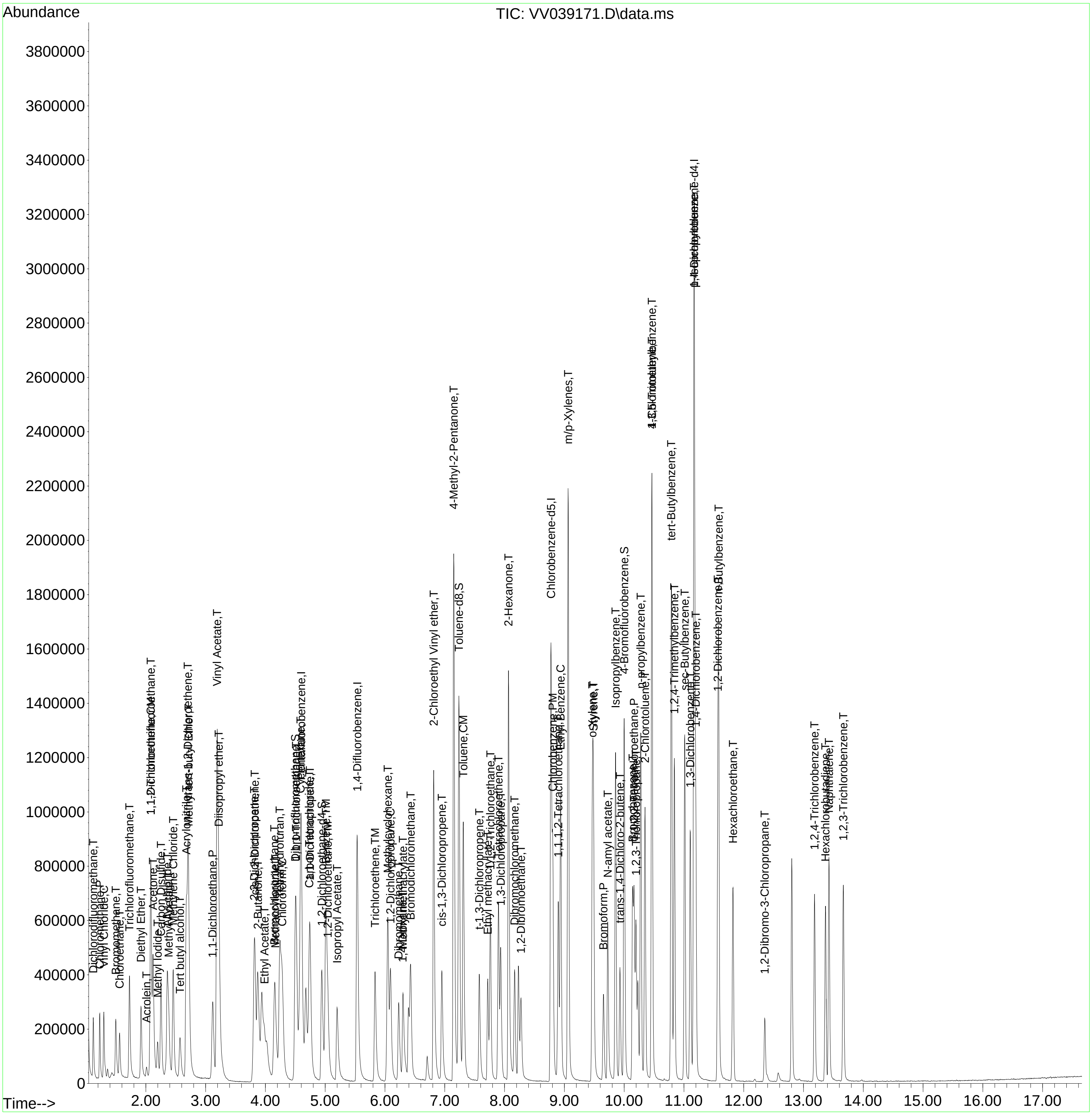
5

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

A B C D E F G H I J

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

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
```

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

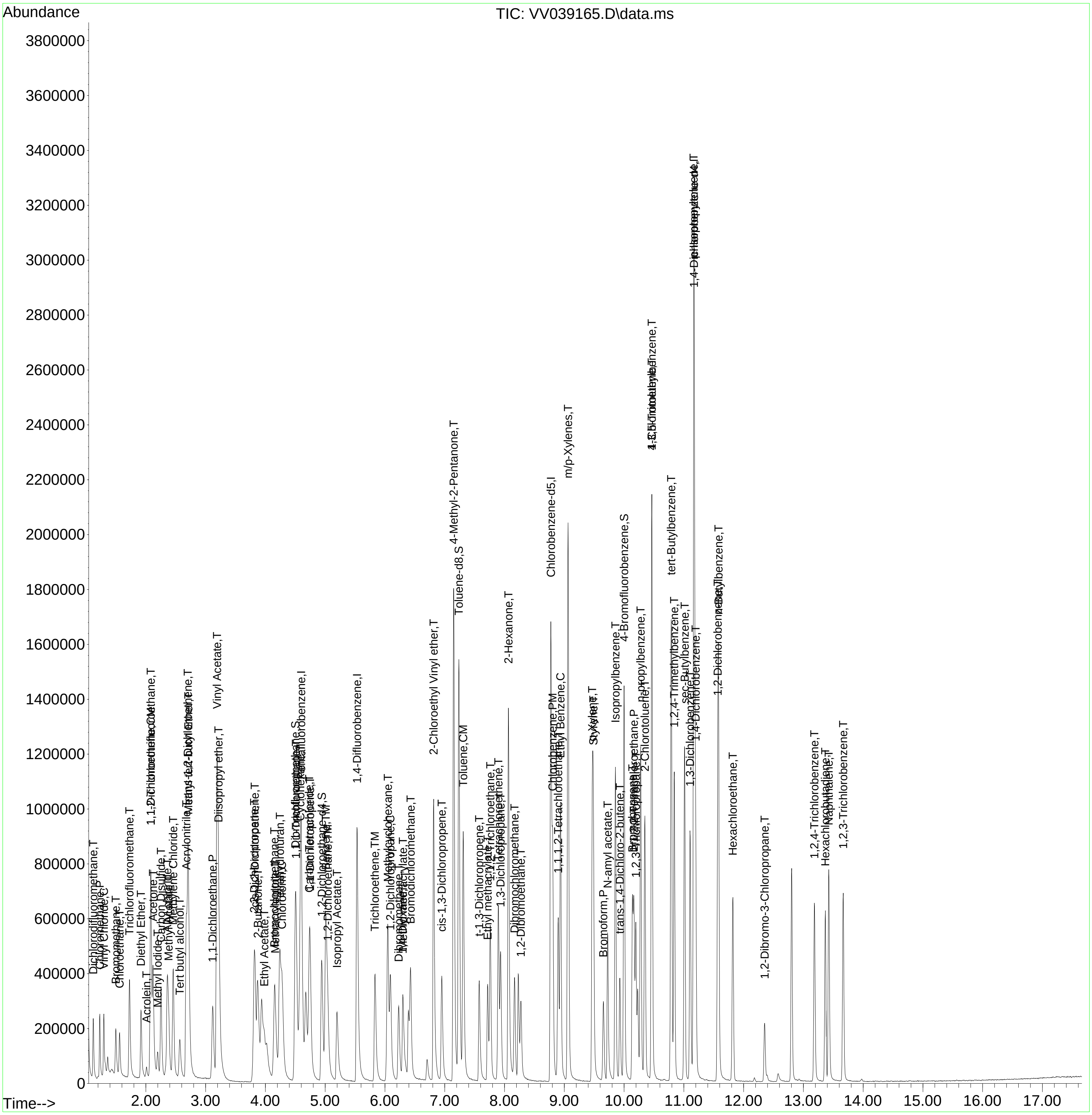
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

(#) = 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

A B C D E F G H I J

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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
Q3172-01	VV039157.D	Chlorobenzene	MMDadoda	9/26/2025 1:44:45 AM	SAM	9/26/2025 2:03:21 AM	Peak Integrated by Software
Q3172-01	VV039157.D	Trichloroethene	MMDadoda	9/26/2025 1:44:45 AM	SAM	9/26/2025 2:03:21 AM	Peak Integrated by Software

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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

A
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A B C D E F G H I J

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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Fax : 908 789 8922

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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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Fax : 908 789 8922

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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A B C D E F G H I J

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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A B C D E F G H I J

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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A B C D E F G H I J

LAB CHRONICLE

OrderID:	Q3172	**OrderDate:**	9/24/2025 9:00:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3172-01	**FW7D**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	
Q3172-01DL	**FW7DDL**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3172-02	**FW6D**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	
Q3172-02DL	**FW6DDL**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3172-03	**GB3W**	**Water**			**09/22/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3172 **Order ID:** Q3172
Client: G Environmental **Project ID:** Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**FW7D**							
Q3172-01	FW7D	Water	Aluminum	113000		5.67	50.0	ug/L
Q3172-01	FW7D	Water	Arsenic	215		2.56	10.0	ug/L
Q3172-01	FW7D	Water	Barium	2280		7.28	50.0	ug/L
Q3172-01	FW7D	Water	Beryllium	9.65		0.28	3.00	ug/L
Q3172-01	FW7D	Water	Cadmium	12.2		0.25	3.00	ug/L
Q3172-01	FW7D	Water	Calcium	435000		117	1000	ug/L
Q3172-01	FW7D	Water	Chromium	135		1.06	5.00	ug/L
Q3172-01	FW7D	Water	Cobalt	201		1.13	15.0	ug/L
Q3172-01	FW7D	Water	Copper	210		2.30	10.0	ug/L
Q3172-01	FW7D	Water	Iron	191000		11.7	50.0	ug/L
Q3172-01	FW7D	Water	Lead	142		1.15	6.00	ug/L
Q3172-01	FW7D	Water	Magnesium	105000		122	1000	ug/L
Q3172-01	FW7D	Water	Manganese	8680		2.97	10.0	ug/L
Q3172-01	FW7D	Water	Mercury	0.72		0.076	0.20	ug/L
Q3172-01	FW7D	Water	Nickel	392		1.53	20.0	ug/L
Q3172-01	FW7D	Water	Potassium	43000		459	1000	ug/L
Q3172-01	FW7D	Water	Sodium	98300		434	1000	ug/L
Q3172-01	FW7D	Water	Vanadium	190		3.13	20.0	ug/L
Q3172-01	FW7D	Water	Zinc	751		8.33	20.0	ug/L
Client ID :	**FW6D**							
Q3172-02	FW6D	Water	Aluminum	610		5.67	50.0	ug/L
Q3172-02	FW6D	Water	Arsenic	30.0		2.56	10.0	ug/L
Q3172-02	FW6D	Water	Barium	117		7.28	50.0	ug/L
Q3172-02	FW6D	Water	Cadmium	0.36	J	0.25	3.00	ug/L
Q3172-02	FW6D	Water	Calcium	42300		117	1000	ug/L
Q3172-02	FW6D	Water	Chromium	3.33	J	1.06	5.00	ug/L
Q3172-02	FW6D	Water	Cobalt	2.59	J	1.13	15.0	ug/L
Q3172-02	FW6D	Water	Copper	47.6		2.30	10.0	ug/L
Q3172-02	FW6D	Water	Iron	13800		11.7	50.0	ug/L
Q3172-02	FW6D	Water	Lead	6.17		1.15	6.00	ug/L
Q3172-02	FW6D	Water	Magnesium	3980		122	1000	ug/L
Q3172-02	FW6D	Water	Manganese	892		2.97	10.0	ug/L
Q3172-02	FW6D	Water	Mercury	0.087	J	0.076	0.20	ug/L
Q3172-02	FW6D	Water	Nickel	5.26	J	1.53	20.0	ug/L
Q3172-02	FW6D	Water	Potassium	10600		459	1000	ug/L
Q3172-02	FW6D	Water	Sodium	19600		434	1000	ug/L
Q3172-02	FW6D	Water	Zinc	117		8.33	20.0	ug/L

SAMPLE DATA

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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7D	SDG No.:	Q3172
Lab Sample ID:	Q3172-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	113000		1	5.67	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-38-2	Arsenic	215		1	2.56	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-39-3	Barium	2280		1	7.28	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-41-7	Beryllium	9.65		1	0.28	3.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-43-9	Cadmium	12.2		1	0.25	3.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-70-2	Calcium	435000		1	117	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-47-3	Chromium	135		1	1.06	5.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-48-4	Cobalt	201		1	1.13	15.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-50-8	Copper	210		1	2.30	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-89-6	Iron	191000		1	11.7	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-92-1	Lead	142		1	1.15	6.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-95-4	Magnesium	105000		1	122	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-96-5	Manganese	8680		1	2.97	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-97-6	Mercury	0.72		1	0.076	0.20	ug/L	09/26/25 14:40	09/29/25 12:37	7470A	
7440-02-0	Nickel	392		1	1.53	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-09-7	Potassium	43000		1	459	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-23-5	Sodium	98300	N	1	434	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-62-2	Vanadium	190		1	3.13	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-66-6	Zinc	751	N	1	8.33	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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A B C D E F G H I J

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW6D	SDG No.:	Q3172
Lab Sample ID:	Q3172-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	610		1	5.67	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-38-2	Arsenic	30.0		1	2.56	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-39-3	Barium	117		1	7.28	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-43-9	Cadmium	0.36	J	1	0.25	3.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-70-2	Calcium	42300		1	117	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-47-3	Chromium	3.33	J	1	1.06	5.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-48-4	Cobalt	2.59	J	1	1.13	15.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-50-8	Copper	47.6		1	2.30	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-89-6	Iron	13800		1	11.7	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-92-1	Lead	6.17		1	1.15	6.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-95-4	Magnesium	3980		1	122	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-96-5	Manganese	892		1	2.97	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-97-6	Mercury	0.087	J	1	0.076	0.20	ug/L	09/26/25 14:40	09/29/25 12:40	7470A	
7440-02-0	Nickel	5.26	J	1	1.53	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-09-7	Potassium	10600		1	459	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-23-5	Sodium	19600	N	1	434	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-66-6	Zinc	117	N	1	8.33	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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A B C D E F G H I J

Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB50	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	10:46	LB137343

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A B C D E F G H I J

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB51	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	10:51	LB137343
CCB52	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	11:24	LB137343
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	11:53	LB137343
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	12:20	LB137343
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	12:56	LB137343
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	13:24	LB137343
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	13:38	LB137343

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A B C D E F G H I J

Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	11:33	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	11:33	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	11:33	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	11:33	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	11:33	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	11:33	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	11:33	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	11:33	LB137314

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A B C D E F G H I J

Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	12:17	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	12:17	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	12:17	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	12:17	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	12:17	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	12:17	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	12:17	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
CCB02	Aluminum	11.3	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	13:27	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	13:27	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	13:27	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	13:27	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	13:27	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	13:27	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	13:27	LB137314

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Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172
Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	09/25/2025	13:27	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
CCB03	Aluminum	11.3	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	14:30	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	14:30	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	14:30	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	14:30	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	14:30	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	14:30	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	14:30	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
CCB04	Aluminum	11.3	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	15:20	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	15:20	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	15:20	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	15:20	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	15:20	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	15:20	LB137314

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Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	15:20	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
CCB05	Aluminum	11.3	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	16:20	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	16:20	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	16:20	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	16:20	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	16:20	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	16:20	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	16:20	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
CCB06	Aluminum	11.3	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	17:31	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	17:31	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	17:31	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	17:31	LB137314

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Metals

- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	17:31	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	17:31	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	17:31	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	17:31	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
CCB07	Aluminum	11.3	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	17:44	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	17:44	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	17:44	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	17:44	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	17:44	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	17:44	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	17:44	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	17:44	LB137314

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169872BL		**WATER**		**Batch Number:**	**PB169872**		**Prep Date:**	**09/26/2025**	
	Mercury	0.088	<0.2	J	0.20	CV	09/29/2025	12:27	LB137343

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3172

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169812BL	WATER			Batch Number:	PB169812		Prep Date:	09/24/2025	
	Aluminum	5.67	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Antimony	3.38	<12.5	U	25.0	P	09/25/2025	13:02	LB137314
	Arsenic	2.56	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Barium	7.28	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Beryllium	0.28	<1.5	U	3.00	P	09/25/2025	13:02	LB137314
	Cadmium	0.25	<1.5	U	3.00	P	09/25/2025	13:02	LB137314
	Calcium	117	<500	U	1000	P	09/25/2025	13:02	LB137314
	Chromium	1.06	<2.5	U	5.00	P	09/25/2025	13:02	LB137314
	Cobalt	1.13	<7.5	U	15.0	P	09/25/2025	13:02	LB137314
	Copper	2.30	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Iron	11.7	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Lead	1.15	<3	U	6.00	P	09/25/2025	13:02	LB137314
	Magnesium	122	<500	U	1000	P	09/25/2025	13:02	LB137314
	Manganese	2.97	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Nickel	1.53	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Potassium	459	<500	U	1000	P	09/25/2025	13:02	LB137314
	Selenium	4.82	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Silver	0.81	<2.5	U	5.00	P	09/25/2025	13:02	LB137314
	Sodium	434	<500	U	1000	P	09/25/2025	13:02	LB137314
	Thallium	2.19	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Vanadium	3.13	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Zinc	8.33	<10	U	20.0	P	09/25/2025	13:02	LB137314

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METAL CALIBRATION DATA

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A B C D E F G H I J

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV50	Mercury	3.71	4.0	93	90 - 110	CV	09/29/2025	10:44	LB137343

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV51	Mercury	5.02	5.0	100	90 - 110	CV	09/29/2025	10:49	LB137343
CCV52	Mercury	5.09	5.0	102	90 - 110	CV	09/29/2025	11:22	LB137343
CCV53	Mercury	4.84	5.0	97	90 - 110	CV	09/29/2025	11:51	LB137343
CCV54	Mercury	4.65	5.0	93	90 - 110	CV	09/29/2025	12:18	LB137343
CCV55	Mercury	4.75	5.0	95	90 - 110	CV	09/29/2025	12:53	LB137343
CCV56	Mercury	4.85	5.0	97	90 - 110	CV	09/29/2025	13:22	LB137343
CCV57	Mercury	4.81	5.0	96	90 - 110	CV	09/29/2025	13:36	LB137343

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A B C D E F G H I J

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
SDG No.: Q3172
Contract: GENV01
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7830	8000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Antimony	4090	4000	102	90 - 110	P	09/25/2025	11:20	LB137314
	Arsenic	3970	4000	99	90 - 110	P	09/25/2025	11:20	LB137314
	Barium	7810	8000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Beryllium	196	200	98	90 - 110	P	09/25/2025	11:20	LB137314
	Cadmium	1970	2000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Calcium	19500	20000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Chromium	816	800	102	90 - 110	P	09/25/2025	11:20	LB137314
	Cobalt	1970	2000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Copper	1010	1000	101	90 - 110	P	09/25/2025	11:20	LB137314
	Iron	4180	4000	105	90 - 110	P	09/25/2025	11:20	LB137314
	Lead	3850	4000	96	90 - 110	P	09/25/2025	11:20	LB137314
	Magnesium	19400	20000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Manganese	1950	2000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Nickel	1970	2000	99	90 - 110	P	09/25/2025	11:20	LB137314
	Potassium	20700	20000	104	90 - 110	P	09/25/2025	11:20	LB137314
	Selenium	4010	4000	100	90 - 110	P	09/25/2025	11:20	LB137314
	Silver	1020	1000	102	90 - 110	P	09/25/2025	11:20	LB137314
	Sodium	20500	20000	103	90 - 110	P	09/25/2025	11:20	LB137314
	Thallium	3980	4000	100	90 - 110	P	09/25/2025	11:20	LB137314
	Vanadium	1940	2000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Zinc	2030	2000	101	90 - 110	P	09/25/2025	11:20	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	09/25/2025	11:29	LB137314
	Antimony	47.8	50.0	96	80 - 120	P	09/25/2025	11:29	LB137314
	Arsenic	22.4	20.0	112	80 - 120	P	09/25/2025	11:29	LB137314
	Barium	97.5	100	98	80 - 120	P	09/25/2025	11:29	LB137314
	Beryllium	6.21	6.0	104	80 - 120	P	09/25/2025	11:29	LB137314
	Cadmium	5.96	6.0	99	80 - 120	P	09/25/2025	11:29	LB137314
	Calcium	2040	2000	102	80 - 120	P	09/25/2025	11:29	LB137314
	Chromium	10.4	10.0	104	80 - 120	P	09/25/2025	11:29	LB137314
	Cobalt	29.2	30.0	97	80 - 120	P	09/25/2025	11:29	LB137314
	Copper	20.5	20.0	103	80 - 120	P	09/25/2025	11:29	LB137314
	Iron	108	100	108	80 - 120	P	09/25/2025	11:29	LB137314
	Lead	10.2	12.0	85	80 - 120	P	09/25/2025	11:29	LB137314
	Magnesium	2080	2000	104	80 - 120	P	09/25/2025	11:29	LB137314
	Manganese	20.6	20.0	103	80 - 120	P	09/25/2025	11:29	LB137314
	Nickel	40.1	40.0	100	80 - 120	P	09/25/2025	11:29	LB137314
	Potassium	2120	2000	106	80 - 120	P	09/25/2025	11:29	LB137314
	Selenium	21.6	20.0	108	80 - 120	P	09/25/2025	11:29	LB137314
	Silver	9.87	10.0	99	80 - 120	P	09/25/2025	11:29	LB137314
	Sodium	2010	2000	101	80 - 120	P	09/25/2025	11:29	LB137314
	Thallium	38.9	40.0	97	80 - 120	P	09/25/2025	11:29	LB137314
	Vanadium	35.4	40.0	88	80 - 120	P	09/25/2025	11:29	LB137314
	Zinc	42.4	40.0	106	80 - 120	P	09/25/2025	11:29	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental　　**SDG No.:** Q3172

Contract: GENV01　　**Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9660	10000	97	90 - 110	P	09/25/2025	12:12	LB137314
	Antimony	4930	5000	99	90 - 110	P	09/25/2025	12:12	LB137314
	Arsenic	4910	5000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Barium	9590	10000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Beryllium	235	250	94	90 - 110	P	09/25/2025	12:12	LB137314
	Cadmium	2420	2500	97	90 - 110	P	09/25/2025	12:12	LB137314
	Calcium	24000	25000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Chromium	981	1000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Cobalt	2410	2500	96	90 - 110	P	09/25/2025	12:12	LB137314
	Copper	1230	1250	98	90 - 110	P	09/25/2025	12:12	LB137314
	Iron	5010	5000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Lead	4800	5000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Magnesium	23900	25000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Manganese	2380	2500	95	90 - 110	P	09/25/2025	12:12	LB137314
	Nickel	2410	2500	96	90 - 110	P	09/25/2025	12:12	LB137314
	Potassium	25100	25000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Selenium	4970	5000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Silver	1230	1250	98	90 - 110	P	09/25/2025	12:12	LB137314
	Sodium	24600	25000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Thallium	4900	5000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Vanadium	2420	2500	97	90 - 110	P	09/25/2025	12:12	LB137314
	Zinc	2490	2500	100	90 - 110	P	09/25/2025	12:12	LB137314
CCV02	Aluminum	9810	10000	98	90 - 110	P	09/25/2025	13:23	LB137314
	Antimony	5080	5000	102	90 - 110	P	09/25/2025	13:23	LB137314
	Arsenic	5030	5000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Barium	9690	10000	97	90 - 110	P	09/25/2025	13:23	LB137314
	Beryllium	235	250	94	90 - 110	P	09/25/2025	13:23	LB137314
	Cadmium	2460	2500	99	90 - 110	P	09/25/2025	13:23	LB137314
	Calcium	24300	25000	97	90 - 110	P	09/25/2025	13:23	LB137314
	Chromium	1010	1000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Cobalt	2460	2500	98	90 - 110	P	09/25/2025	13:23	LB137314
	Copper	1250	1250	100	90 - 110	P	09/25/2025	13:23	LB137314
	Iron	5220	5000	104	90 - 110	P	09/25/2025	13:23	LB137314
	Lead	4880	5000	98	90 - 110	P	09/25/2025	13:23	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	09/25/2025	13:23	LB137314
	Manganese	2390	2500	96	90 - 110	P	09/25/2025	13:23	LB137314
	Nickel	2460	2500	99	90 - 110	P	09/25/2025	13:23	LB137314
	Potassium	26400	25000	106	90 - 110	P	09/25/2025	13:23	LB137314
	Selenium	5110	5000	102	90 - 110	P	09/25/2025	13:23	LB137314
	Silver	1260	1250	101	90 - 110	P	09/25/2025	13:23	LB137314
	Sodium	25200	25000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Thallium	5180	5000	104	90 - 110	P	09/25/2025	13:23	LB137314
	Vanadium	2460	2500	98	90 - 110	P	09/25/2025	13:23	LB137314
	Zinc	2630	2500	105	90 - 110	P	09/25/2025	13:23	LB137314
CCV03	Aluminum	9770	10000	98	90 - 110	P	09/25/2025	14:21	LB137314
	Antimony	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Arsenic	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Barium	9550	10000	96	90 - 110	P	09/25/2025	14:21	LB137314
	Beryllium	238	250	95	90 - 110	P	09/25/2025	14:21	LB137314
	Cadmium	2440	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Calcium	24300	25000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Chromium	981	1000	98	90 - 110	P	09/25/2025	14:21	LB137314
	Cobalt	2430	2500	97	90 - 110	P	09/25/2025	14:21	LB137314
	Copper	1240	1250	99	90 - 110	P	09/25/2025	14:21	LB137314
	Iron	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Lead	4840	5000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Magnesium	24100	25000	96	90 - 110	P	09/25/2025	14:21	LB137314
	Manganese	2390	2500	96	90 - 110	P	09/25/2025	14:21	LB137314
	Nickel	2440	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Potassium	26100	25000	104	90 - 110	P	09/25/2025	14:21	LB137314
	Selenium	5080	5000	102	90 - 110	P	09/25/2025	14:21	LB137314
	Silver	1220	1250	98	90 - 110	P	09/25/2025	14:21	LB137314
	Sodium	24200	25000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Thallium	5040	5000	101	90 - 110	P	09/25/2025	14:21	LB137314
	Vanadium	2460	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Zinc	2470	2500	99	90 - 110	P	09/25/2025	14:21	LB137314
CCV04	Aluminum	9860	10000	99	90 - 110	P	09/25/2025	15:16	LB137314
	Antimony	4980	5000	100	90 - 110	P	09/25/2025	15:16	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4950	5000	99	90 - 110	P	09/25/2025	15:16	LB137314
	Barium	9580	10000	96	90 - 110	P	09/25/2025	15:16	LB137314
	Beryllium	240	250	96	90 - 110	P	09/25/2025	15:16	LB137314
	Cadmium	2440	2500	98	90 - 110	P	09/25/2025	15:16	LB137314
	Calcium	24400	25000	98	90 - 110	P	09/25/2025	15:16	LB137314
	Chromium	999	1000	100	90 - 110	P	09/25/2025	15:16	LB137314
	Cobalt	2430	2500	97	90 - 110	P	09/25/2025	15:16	LB137314
	Copper	1240	1250	99	90 - 110	P	09/25/2025	15:16	LB137314
	Iron	4980	5000	100	90 - 110	P	09/25/2025	15:16	LB137314
	Lead	4830	5000	97	90 - 110	P	09/25/2025	15:16	LB137314
	Magnesium	24300	25000	97	90 - 110	P	09/25/2025	15:16	LB137314
	Manganese	2380	2500	95	90 - 110	P	09/25/2025	15:16	LB137314
	Nickel	2440	2500	98	90 - 110	P	09/25/2025	15:16	LB137314
	Potassium	25200	25000	101	90 - 110	P	09/25/2025	15:16	LB137314
	Selenium	5040	5000	101	90 - 110	P	09/25/2025	15:16	LB137314
	Silver	1230	1250	99	90 - 110	P	09/25/2025	15:16	LB137314
	Sodium	23800	25000	95	90 - 110	P	09/25/2025	15:16	LB137314
	Thallium	5190	5000	104	90 - 110	P	09/25/2025	15:16	LB137314
	Vanadium	2480	2500	99	90 - 110	P	09/25/2025	15:16	LB137314
	Zinc	2510	2500	100	90 - 110	P	09/25/2025	15:16	LB137314
CCV05	Aluminum	10100	10000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Antimony	5180	5000	104	90 - 110	P	09/25/2025	16:16	LB137314
	Arsenic	5170	5000	103	90 - 110	P	09/25/2025	16:16	LB137314
	Barium	9750	10000	98	90 - 110	P	09/25/2025	16:16	LB137314
	Beryllium	247	250	99	90 - 110	P	09/25/2025	16:16	LB137314
	Cadmium	2520	2500	101	90 - 110	P	09/25/2025	16:16	LB137314
	Calcium	25200	25000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Chromium	1040	1000	104	90 - 110	P	09/25/2025	16:16	LB137314
	Cobalt	2510	2500	100	90 - 110	P	09/25/2025	16:16	LB137314
	Copper	1290	1250	103	90 - 110	P	09/25/2025	16:16	LB137314
	Iron	5350	5000	107	90 - 110	P	09/25/2025	16:16	LB137314
	Lead	4990	5000	100	90 - 110	P	09/25/2025	16:16	LB137314
	Magnesium	25000	25000	100	90 - 110	P	09/25/2025	16:16	LB137314
	Manganese	2480	2500	99	90 - 110	P	09/25/2025	16:16	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	09/25/2025	16:16	LB137314
	Potassium	26600	25000	106	90 - 110	P	09/25/2025	16:16	LB137314
	Selenium	5280	5000	106	90 - 110	P	09/25/2025	16:16	LB137314
	Silver	1290	1250	103	90 - 110	P	09/25/2025	16:16	LB137314
	Sodium	25300	25000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Thallium	5380	5000	108	90 - 110	P	09/25/2025	16:16	LB137314
	Vanadium	2560	2500	102	90 - 110	P	09/25/2025	16:16	LB137314
	Zinc	2640	2500	106	90 - 110	P	09/25/2025	16:16	LB137314
CCV06	Aluminum	10200	10000	102	90 - 110	P	09/25/2025	17:27	LB137314
	Antimony	5060	5000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Arsenic	5030	5000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Barium	9990	10000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Beryllium	245	250	98	90 - 110	P	09/25/2025	17:27	LB137314
	Cadmium	2470	2500	99	90 - 110	P	09/25/2025	17:27	LB137314
	Calcium	25200	25000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Chromium	1000	1000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Cobalt	2460	2500	98	90 - 110	P	09/25/2025	17:27	LB137314
	Copper	1260	1250	101	90 - 110	P	09/25/2025	17:27	LB137314
	Iron	5030	5000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Lead	4880	5000	98	90 - 110	P	09/25/2025	17:27	LB137314
	Magnesium	25300	25000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Manganese	2500	2500	100	90 - 110	P	09/25/2025	17:27	LB137314
	Nickel	2460	2500	99	90 - 110	P	09/25/2025	17:27	LB137314
	Potassium	26300	25000	105	90 - 110	P	09/25/2025	17:27	LB137314
	Selenium	5110	5000	102	90 - 110	P	09/25/2025	17:27	LB137314
	Silver	1240	1250	99	90 - 110	P	09/25/2025	17:27	LB137314
	Sodium	24800	25000	99	90 - 110	P	09/25/2025	17:27	LB137314
	Thallium	5260	5000	105	90 - 110	P	09/25/2025	17:27	LB137314
	Vanadium	2570	2500	103	90 - 110	P	09/25/2025	17:27	LB137314
	Zinc	2520	2500	101	90 - 110	P	09/25/2025	17:27	LB137314
CCV07	Aluminum	10100	10000	101	90 - 110	P	09/25/2025	17:40	LB137314
	Antimony	5170	5000	103	90 - 110	P	09/25/2025	17:40	LB137314
	Arsenic	5120	5000	102	90 - 110	P	09/25/2025	17:40	LB137314
	Barium	9780	10000	98	90 - 110	P	09/25/2025	17:40	LB137314

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
SDG No.: Q3172
Contract: GENV01
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	09/25/2025	17:40	LB137314
	Cadmium	2520	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Calcium	24900	25000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Chromium	1040	1000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Cobalt	2510	2500	100	90 - 110	P	09/25/2025	17:40	LB137314
	Copper	1280	1250	103	90 - 110	P	09/25/2025	17:40	LB137314
	Iron	5170	5000	103	90 - 110	P	09/25/2025	17:40	LB137314
	Lead	4980	5000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Magnesium	24900	25000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Manganese	2440	2500	98	90 - 110	P	09/25/2025	17:40	LB137314
	Nickel	2520	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Potassium	26100	25000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Selenium	5210	5000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Silver	1280	1250	102	90 - 110	P	09/25/2025	17:40	LB137314
	Sodium	24300	25000	97	90 - 110	P	09/25/2025	17:40	LB137314
	Thallium	5360	5000	107	90 - 110	P	09/25/2025	17:40	LB137314
	Vanadium	2530	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Zinc	2590	2500	104	90 - 110	P	09/25/2025	17:40	LB137314

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	122	100	122	65 - 135	P	09/25/2025	11:38	LB137314
	Antimony	54.2	50.0	108	65 - 135	P	09/25/2025	11:38	LB137314
	Arsenic	21.8	20.0	109	65 - 135	P	09/25/2025	11:38	LB137314
	Barium	105	100	105	65 - 135	P	09/25/2025	11:38	LB137314
	Beryllium	6.51	6.0	108	65 - 135	P	09/25/2025	11:38	LB137314
	Cadmium	6.34	6.0	106	65 - 135	P	09/25/2025	11:38	LB137314
	Calcium	2180	2000	109	65 - 135	P	09/25/2025	11:38	LB137314
	Chromium	10.7	10.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Cobalt	31.5	30.0	105	65 - 135	P	09/25/2025	11:38	LB137314
	Copper	22.6	20.0	113	65 - 135	P	09/25/2025	11:38	LB137314
	Iron	114	100	114	65 - 135	P	09/25/2025	11:38	LB137314
	Lead	11.4	12.0	95	65 - 135	P	09/25/2025	11:38	LB137314
	Magnesium	2190	2000	110	65 - 135	P	09/25/2025	11:38	LB137314
	Manganese	22.6	20.0	113	65 - 135	P	09/25/2025	11:38	LB137314
	Nickel	42.9	40.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Potassium	2140	2000	107	65 - 135	P	09/25/2025	11:38	LB137314
	Selenium	25.2	20.0	126	65 - 135	P	09/25/2025	11:38	LB137314
	Silver	11.0	10.0	110	65 - 135	P	09/25/2025	11:38	LB137314
	Sodium	2140	2000	107	65 - 135	P	09/25/2025	11:38	LB137314
	Thallium	42.8	40.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Vanadium	36.1	40.0	90	65 - 135	P	09/25/2025	11:38	LB137314
	Zinc	44.8	40.0	112	65 - 135	P	09/25/2025	11:38	LB137314
CRA	Mercury	0.17	0.2	87	70 - 130	CV	09/29/2025	10:56	LB137343

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q3172
Contract: GENV01 **Lab Code:** ACE
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	283000	255000	111	216000	294000	09/25/2025	11:42	LB137314
	Antimony	-3.99			-50	50	09/25/2025	11:42	LB137314
	Arsenic	3.12			-20	20	09/25/2025	11:42	LB137314
	Barium	1.85	6.0	31	-94	106	09/25/2025	11:42	LB137314
	Beryllium	2.29			-6	6	09/25/2025	11:42	LB137314
	Cadmium	1.36	1.0	136	-5	7	09/25/2025	11:42	LB137314
	Calcium	268000	245000	109	208000	282000	09/25/2025	11:42	LB137314
	Chromium	51.7	52.0	99	42	62	09/25/2025	11:42	LB137314
	Cobalt	1.04			-30	30	09/25/2025	11:42	LB137314
	Copper	13.1	2.0	655	-18	22	09/25/2025	11:42	LB137314
	Iron	114000	101000	113	85600	116500	09/25/2025	11:42	LB137314
	Lead	-7.23			-12	12	09/25/2025	11:42	LB137314
	Magnesium	284000	255000	111	216000	294000	09/25/2025	11:42	LB137314
	Manganese	6.88	7.0	98	-13	27	09/25/2025	11:42	LB137314
	Nickel	3.09	2.0	154	-38	42	09/25/2025	11:42	LB137314
	Potassium	81.6			0	0	09/25/2025	11:42	LB137314
	Selenium	10.6			-20	20	09/25/2025	11:42	LB137314
	Silver	-2.79			-10	10	09/25/2025	11:42	LB137314
	Sodium	-1.08			0	0	09/25/2025	11:42	LB137314
	Thallium	0.46			-40	40	09/25/2025	11:42	LB137314
	Vanadium	2.04			-40	40	09/25/2025	11:42	LB137314
	Zinc	1.46			-40	40	09/25/2025	11:42	LB137314
ICSAB01	Aluminum	251000	247000	102	209000	285000	09/25/2025	11:46	LB137314
	Antimony	639	618	103	525	711	09/25/2025	11:46	LB137314
	Arsenic	112	104	108	88.4	120	09/25/2025	11:46	LB137314
	Barium	497	537	93	437	637	09/25/2025	11:46	LB137314
	Beryllium	512	495	103	420	570	09/25/2025	11:46	LB137314
	Cadmium	1030	972	106	826	1120	09/25/2025	11:46	LB137314
	Calcium	237000	235000	101	199000	271000	09/25/2025	11:46	LB137314
	Chromium	576	542	106	460	624	09/25/2025	11:46	LB137314
	Cobalt	514	476	108	404	548	09/25/2025	11:46	LB137314
	Copper	511	511	100	434	588	09/25/2025	11:46	LB137314
	Iron	104000	99300	105	84400	114500	09/25/2025	11:46	LB137314
	Lead	41.9	49.0	86	37	61	09/25/2025	11:46	LB137314
	Magnesium	251000	248000	101	210000	286000	09/25/2025	11:46	LB137314
	Manganese	495	507	98	430	584	09/25/2025	11:46	LB137314
	Nickel	1030	954	108	810	1100	09/25/2025	11:46	LB137314
	Potassium	14.4			0	0	09/25/2025	11:46	LB137314
	Selenium	60.7	46.0	132	26	66	09/25/2025	11:46	LB137314
	Silver	220	201	110	170	232	09/25/2025	11:46	LB137314
	Sodium	35.3			0	0	09/25/2025	11:46	LB137314
	Thallium	115	108	106	68	148	09/25/2025	11:46	LB137314

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	491	100	417	565	09/25/2025	11:46	LB137314
	Zinc	1090	952	114	809	1095	09/25/2025	11:46	LB137314

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3168-05 **client id:** TOTES COMP#1MS

Percent Solids for Sample: NA **Spiked ID:** Q3168-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1520		628		1000	89		P
Antimony	ug/L	75 - 125	385		25.0	U	400	96		P
Arsenic	ug/L	75 - 125	387		10.0	U	400	97		P
Barium	ug/L	75 - 125	108		15.5	J	100	92		P
Beryllium	ug/L	75 - 125	91.7		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	91.9		3.00	U	100	92		P
Calcium	ug/L	75 - 125	31900		27600		500	853		P
Chromium	ug/L	75 - 125	203		1.92	J	200	101		P
Cobalt	ug/L	75 - 125	94.3		15.0	U	100	94		P
Copper	ug/L	75 - 125	157		12.4		150	97		P
Iron	ug/L	75 - 125	3190		1670		1500	102		P
Lead	ug/L	75 - 125	466		12.9		500	91		P
Magnesium	ug/L	75 - 125	2020		1000		1000	102		P
Manganese	ug/L	75 - 125	143		46.1		100	97		P
Nickel	ug/L	75 - 125	236		1.67	J	250	94		P
Potassium	ug/L	75 - 125	7220		1940		5000	106		P
Selenium	ug/L	75 - 125	960		10.0	U	1000	96		P
Silver	ug/L	75 - 125	33.6		5.00	U	37.5	90		P
Sodium	ug/L	75 - 125	5960		3870		1500	139	N	P
Thallium	ug/L	75 - 125	988		20.0	U	1000	99		P
Vanadium	ug/L	75 - 125	144		20.0	U	150	96		P
Zinc	ug/L	75 - 125	503		355		100	148	N	P

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metals

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3168-05 **client id:** TOTES COMP#1MSD

Percent Solids for Sample: NA **Spiked ID:** Q3168-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1480		628		1000	85		P
Antimony	ug/L	75 - 125	395		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	377		10.0	U	400	94		P
Barium	ug/L	75 - 125	108		15.5	J	100	93		P
Beryllium	ug/L	75 - 125	89.8		3.00	U	100	90		P
Cadmium	ug/L	75 - 125	89.0		3.00	U	100	89		P
Calcium	ug/L	75 - 125	30300		27600		500	536		P
Chromium	ug/L	75 - 125	196		1.92	J	200	97		P
Cobalt	ug/L	75 - 125	91.5		15.0	U	100	92		P
Copper	ug/L	75 - 125	152		12.4		150	93		P
Iron	ug/L	75 - 125	3020		1670		1500	90		P
Lead	ug/L	75 - 125	451		12.9		500	88		P
Magnesium	ug/L	75 - 125	1970		1000		1000	97		P
Manganese	ug/L	75 - 125	141		46.1		100	95		P
Nickel	ug/L	75 - 125	228		1.67	J	250	91		P
Potassium	ug/L	75 - 125	6900		1940		5000	99		P
Selenium	ug/L	75 - 125	935		10.0	U	1000	94		P
Silver	ug/L	75 - 125	31.7		5.00	U	37.5	84		P
Sodium	ug/L	75 - 125	5840		3870		1500	131	N	P
Thallium	ug/L	75 - 125	970		20.0	U	1000	97		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	468		355		100	113		P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3205-01 **client id:** TRE-25-0106MS

Percent Solids for Sample: NA **Spiked ID:** Q3205-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.87		0.085	J	4.0	95		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3205-01 **client id:** TRE-25-0106MSD

Percent Solids for Sample: NA **Spiked ID:** Q3205-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.02		0.085	J	4.0	98		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** TOTES COMP#1A

Sample ID: Q3168-05 **Spiked ID:** Q3168-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	5390		3870		1500	101		P
Zinc	ug/L	75 - 125	448		355		100	93		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3168-05 **Client ID:** TOTES COMP#1DUP

Percent Solids for Sample: NA **Duplicate ID** Q3168-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	628		576		9		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	15.5	J	19.1	J	21		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	27600		31500		13		P
Chromium	ug/L	20	1.92	J	1.86	J	3		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	12.4		12.1		2		P
Iron	ug/L	20	1670		1740		4		P
Lead	ug/L	20	12.9		13.7		6		P
Magnesium	ug/L	20	1000		1130		12		P
Manganese	ug/L	20	46.1		52.1		12		P
Nickel	ug/L	20	1.67	J	1.63	J	2		P
Potassium	ug/L	20	1940		2190		12		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	3870		4520		15		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	355		396		11		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3168-05MS **Client ID:** TOTES COMP#1MSD

Percent Solids for Sample: NA **Duplicate ID** Q3168-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1520		1480		3		P
Antimony	ug/L	20	385		395		3		P
Arsenic	ug/L	20	387		377		3		P
Barium	ug/L	20	108		108		0		P
Beryllium	ug/L	20	91.7		89.8		2		P
Cadmium	ug/L	20	91.9		89.0		3		P
Calcium	ug/L	20	31900		30300		5		P
Chromium	ug/L	20	203		196		4		P
Cobalt	ug/L	20	94.3		91.5		3		P
Copper	ug/L	20	157		152		3		P
Iron	ug/L	20	3190		3020		5		P
Lead	ug/L	20	466		451		3		P
Magnesium	ug/L	20	2020		1970		3		P
Manganese	ug/L	20	143		141		1		P
Nickel	ug/L	20	236		228		3		P
Potassium	ug/L	20	7220		6900		5		P
Selenium	ug/L	20	960		935		3		P
Silver	ug/L	20	33.6		31.7		6		P
Sodium	ug/L	20	5960		5840		2		P
Thallium	ug/L	20	988		970		2		P
Vanadium	ug/L	20	144		145		1		P
Zinc	ug/L	20	503		468		7		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3205-01 **Client ID:** TRE-25-0106DUP

Percent Solids for Sample: NA **Duplicate ID** Q3205-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.085	J	0.20	U	200.0		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3205-01MS **Client ID:** TRE-25-0106MSD

Percent Solids for Sample: NA **Duplicate ID** Q3205-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.87		4.02		4		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169812BS							
Aluminum	ug/L	1000	933		93	80 - 120	P
Antimony	ug/L	400	391		98	80 - 120	P
Arsenic	ug/L	400	376		94	80 - 120	P
Barium	ug/L	100	87.3		87	80 - 120	P
Beryllium	ug/L	100	94.6		95	80 - 120	P
Cadmium	ug/L	100	91.9		92	80 - 120	P
Calcium	ug/L	500	469	J	94	80 - 120	P
Chromium	ug/L	200	193		96	80 - 120	P
Cobalt	ug/L	100	92.3		92	80 - 120	P
Copper	ug/L	150	146		97	80 - 120	P
Iron	ug/L	1500	1440		96	80 - 120	P
Lead	ug/L	500	453		91	80 - 120	P
Magnesium	ug/L	1000	931	J	93	80 - 120	P
Manganese	ug/L	100	91.9		92	80 - 120	P
Nickel	ug/L	250	232		93	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	967		97	80 - 120	P
Silver	ug/L	37.5	34.4		92	80 - 120	P
Sodium	ug/L	1500	1400		93	80 - 120	P
Thallium	ug/L	1000	954		95	80 - 120	P
Vanadium	ug/L	150	139		93	80 - 120	P
Zinc	ug/L	100	98.6		99	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169872BS							
Mercury	ug/L	4.0	3.59		90	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

TOTES COMP#1L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb137314 **Lab Sample ID :** Q3168-05L **SDG No.:** Q3172

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ-ence	Q	M
Aluminum	628		695		11		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	15.5	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	27600		30100		9		P
Chromium	1.92	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	12.4		11.7	J	6		P
Iron	1670		1840		10		P
Lead	12.9		9.54	J	26		P
Magnesium	1000		1120	J	12		P
Manganese	46.1		48.6	J	5		P
Nickel	1.67	J	100	U	100.0		P
Potassium	1940		2930	J	51		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	3870		5350		38		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	355		369		4		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

TRE-25-0106L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb137343 **Lab Sample ID :** Q3205-01L **SDG No.:** Q3172

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.085	J	1.00	U	100.0		CV

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3172

Instrument id number: **Method:** **Run number:** LB137314

Start date: 09/25/2025 **End date:** 09/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1055	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1108	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169812BL	PB169812BL	1	1302	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169812BS	PB169812BS	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1327	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3172-01	FW7D	1	1417	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1421	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1430	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3172-02	FW6D	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05DUP	TOTES COMP#1DUP	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05L	TOTES COMP#1L	5	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05MS	TOTES COMP#1MS	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05MSD	TOTES COMP#1MSD	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05A	TOTES COMP#1A	1	1500	Na,Zn
CCV04	CCV04	1	1516	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1616	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1620	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1740	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1744	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3172

Instrument id number: **Method:** **Run number:** LB137343

Start date: 09/29/2025 **End date:** 09/29/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1029	HG
S0.2	S0.2	1	1031	HG
S2.5	S2.5	1	1034	HG
S5	S5	1	1036	HG
S7.5	S7.5	1	1038	HG
S10	S10	1	1041	HG
ICV50	ICV50	1	1044	HG
ICB50	ICB50	1	1046	HG
CCV51	CCV51	1	1049	HG
CCB51	CCB51	1	1051	HG
CRA	CRA	1	1056	HG
CCV52	CCV52	1	1122	HG
CCB52	CCB52	1	1124	HG
CCV53	CCV53	1	1151	HG
CCB53	CCB53	1	1153	HG
CCV54	CCV54	1	1218	HG
CCB54	CCB54	1	1220	HG
PB169872BL	PB169872BL	1	1227	HG
PB169872BS	PB169872BS	1	1230	HG
Q3172-01	FW7D	1	1237	HG
Q3172-02	FW6D	1	1240	HG
Q3205-01DUP	TRE-25-0106DUP	1	1244	HG
Q3205-01MS	TRE-25-0106MS	1	1251	HG
CCV55	CCV55	1	1253	HG
CCB55	CCB55	1	1256	HG
Q3205-01MSD	TRE-25-0106MSD	1	1258	HG
Q3205-01L	TRE-25-0106L	5	1317	HG
CCV56	CCV56	1	1322	HG
CCB56	CCB56	1	1324	HG
CCV57	CCV57	1	1336	HG
CCB57	CCB57	1	1338	HG

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METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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A B C D E F G H I J

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3172	**OrderDate:**	9/24/2025 9:00:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3172-01	**FW7D**	**Water**			**09/22/25**			**09/23/25**
			Mercury	7470A		09/26/25	09/29/25	
			Metals ICP-TAL	6010D		09/24/25	09/25/25	
Q3172-02	**FW6D**	**Water**			**09/22/25**			**09/23/25**
			Mercury	7470A		09/26/25	09/29/25	
			Metals ICP-TAL	6010D		09/24/25	09/25/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169812**						
PB169812BL	PB169812BL	MB	WATER	09/24/2025	50.0	25.0	
PB169812BS	PB169812BS	LCS	WATER	09/24/2025	50.0	25.0	
Q3168-05DUP	TOTES COMP#1DUP	DUP	WATER	09/24/2025	50.0	25.0	
Q3168-05MS	TOTES COMP#1MS	MS	WATER	09/24/2025	50.0	25.0	
Q3168-05MSD	TOTES COMP#1MSD	MSD	WATER	09/24/2025	50.0	25.0	
Q3172-01	FW7D	SAM	WATER	09/24/2025	50.0	25.0	
Q3172-02	FW6D	SAM	WATER	09/24/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169872**						
PB169872BL	PB169872BL	MB	WATER	09/26/2025	30.0	30.0	
PB169872BS	PB169872BS	LCS	WATER	09/26/2025	30.0	30.0	
Q3172-01	FW7D	SAM	WATER	09/26/2025	30.0	30.0	
Q3172-02	FW6D	SAM	WATER	09/26/2025	30.0	30.0	
Q3205-01DUP	TRE-25-0106DUP	DUP	WATER	09/26/2025	30.0	30.0	
Q3205-01MS	TRE-25-0106MS	MS	WATER	09/26/2025	30.0	30.0	
Q3205-01MSD	TRE-25-0106MSD	MSD	WATER	09/26/2025	30.0	30.0	

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A B C D E F G H I J

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/25/25 10:55		Jaswal	OK
2	S1	S1	CAL2	09/25/25 11:00		Jaswal	OK
3	S2	S2	CAL3	09/25/25 11:04		Jaswal	OK
4	S3	S3	CAL4	09/25/25 11:08		Jaswal	OK
5	S4	S4	CAL5	09/25/25 11:12		Jaswal	OK
6	S5	S5	CAL6	09/25/25 11:16		Jaswal	OK
7	ICV01	ICV01	ICV	09/25/25 11:20		Jaswal	OK
8	LLICV01	LLICV01	LLICV	09/25/25 11:29		Jaswal	OK
9	ICB01	ICB01	ICB	09/25/25 11:33		Jaswal	OK
10	CRI01	CRI01	CRDL	09/25/25 11:38		Jaswal	OK
11	ICSA01	ICSA01	ICSA	09/25/25 11:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	09/25/25 11:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	09/25/25 11:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	09/25/25 12:00		Jaswal	OK
15	CCV01	CCV01	CCV	09/25/25 12:12		Jaswal	OK
16	CCB01	CCB01	CCB	09/25/25 12:17		Jaswal	OK
17	LR-2	LR-2	HIGH STD	09/25/25 12:40		Jaswal	OK
18	LR-3	LR-3	HIGH STD	09/25/25 12:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

19	PB169800BL	PB169800BL	MB	09/25/25 12:54		Jaswal	OK
20	PB169800BS	PB169800BS	LCS	09/25/25 12:58		Jaswal	OK
21	PB169812BL	PB169812BL	MB	09/25/25 13:02		Jaswal	OK
22	PB169812BS	PB169812BS	LCS	09/25/25 13:07		Jaswal	OK
23	LR-1	LR-1	HIGH STD	09/25/25 13:11		Jaswal	OK
24	Q3187-01	228	SAM	09/25/25 13:15		Jaswal	OK
25	Q3188-02	RB22120	SAM	09/25/25 13:19		Jaswal	OK
26	CCV02	CCV02	CCV	09/25/25 13:23		Jaswal	OK
27	CCB02	CCB02	CCB	09/25/25 13:27		Jaswal	OK
28	PB169833BL	PB169833BL	MB	09/25/25 13:32		Jaswal	OK
29	PB169833BS	PB169833BS	LCS	09/25/25 13:36		Jaswal	OK
30	Q3125-02	Comp	SAM	09/25/25 13:40		Jaswal	OK
31	Q3125-02DUP	CompDUP	DUP	09/25/25 13:44		Jaswal	OK
32	Q3125-02L	CompL	SD	09/25/25 13:49		Jaswal	OK
33	Q3125-02MS	CompMS	MS	09/25/25 13:53		Jaswal	OK
34	Q3125-02MSD	CompMSD	MSD	09/25/25 13:57		Jaswal	OK
35	Q3125-02A	CompA	PS	09/25/25 14:08	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
36	Q3168-06	TOTES COMP#2	SAM	09/25/25 14:13	Confirm wt/vol	Jaswal	OK
37	Q3172-01	FW7D	SAM	09/25/25 14:17		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

38	CCV03	CCV03	CCV	09/25/25 14:21		Jaswal	OK
39	CCB03	CCB03	CCB	09/25/25 14:30		Jaswal	OK
40	Q3172-02	FW6D	SAM	09/25/25 14:35		Jaswal	OK
41	Q3168-05	TOTES COMP#1	SAM	09/25/25 14:39		Jaswal	OK
42	Q3168-05DUP	TOTES COMP#1DUP	DUP	09/25/25 14:43		Jaswal	OK
43	Q3168-05L	TOTES COMP#1L	SD	09/25/25 14:47		Jaswal	OK
44	Q3168-05MS	TOTES COMP#1MS	MS	09/25/25 14:52		Jaswal	OK
45	Q3168-05MSD	TOTES COMP#1MSD	MSD	09/25/25 14:56		Jaswal	OK
46	Q3168-05A	TOTES COMP1A	PS	09/25/25 15:00	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
47	Q3189-01	72-11989	SAM	09/25/25 15:04		Jaswal	OK
48	Q3176-01	EME-TS12-01	SAM	09/25/25 15:08		Jaswal	OK
49	Q3176-02	EME-TS13-01	SAM	09/25/25 15:12		Jaswal	OK
50	CCV04	CCV04	CCV	09/25/25 15:16		Jaswal	OK
51	CCB04	CCB04	CCB	09/25/25 15:20		Jaswal	OK
52	Q3176-03	EME-TS14-02	SAM	09/25/25 15:24		Jaswal	OK
53	Q3178-01	EME-TS14-01	SAM	09/25/25 15:28		Jaswal	OK
54	Q3178-02	EME-TS14-01MS	MS	09/25/25 15:40		Jaswal	OK
55	Q3178-03	EME-TS14-01MSD	MSD	09/25/25 15:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

56	Q3178-01A	EME-TS14-01A	PS	09/25/25 15:48	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
57	Q3183-01	WC-1	SAM	09/25/25 15:52		Jaswal	OK
58	Q3183-04	WC-4	SAM	09/25/25 15:56		Jaswal	OK
59	Q3183-07	WC-3	SAM	09/25/25 16:00		Jaswal	OK
60	Q3178-01DUP	EME-TS14-01DUP	DUP	09/25/25 16:07		Jaswal	OK
61	Q3178-01L	EME-TS14-01L	SD	09/25/25 16:11		Jaswal	OK
62	CCV05	CCV05	CCV	09/25/25 16:16		Jaswal	OK
63	CCB05	CCB05	CCB	09/25/25 16:20		Jaswal	OK
64	PB169832BL	PB169832BL	MB	09/25/25 16:29		Jaswal	OK
65	PB169832BS	PB169832BS	LCS	09/25/25 16:43		Jaswal	OK
66	PB169754TB	PB169754TB	MB	09/25/25 16:47		Jaswal	OK
67	PB169816TB	PB169816TB	MB	09/25/25 16:52		Jaswal	OK
68	Q3168-04	ARS20-0010-Oily Soil	SAM	09/25/25 16:56		Jaswal	OK
69	Q3168-04DUP	ARS20-0010-Oily Soil	DUP	09/25/25 17:01		Jaswal	OK
70	Q3168-04L	ARS20-0010-Oily Soil	SD	09/25/25 17:05		Jaswal	OK
71	Q3168-04MS	ARS20-0010-Oily Soil	MS	09/25/25 17:09		Jaswal	OK
72	Q3168-04MSD	ARS20-0010-Oily Soil	MSD	09/25/25 17:13		Jaswal	OK
73	Q3168-04A	ARS20-0010-Oily Soil	PS	09/25/25 17:23	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK

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A B C D E F G H I J

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

74	CCV06	CCV06	CCV	09/25/25 17:27		Jaswal	OK
75	CCB06	CCB06	CCB	09/25/25 17:31		Jaswal	OK
76	Q3170-02DL	MOD-25-0271DL	SAM	09/25/25 17:35	Confirm wt/vol & Straight 5x Dilution for all elements	Jaswal	OK
77	CCV07	CCV07	CCV	09/25/25 17:40		Jaswal	OK
78	CCB07	CCB07	CCB	09/25/25 17:44		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM

STD. NAME	STD REF.#
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377
ICV Standard	MP87378
CCV Standard	MP87380
ICSA Standard	
CRI Standard	MP87382
LCS Standard	
Chk Standard	MP87379,MP87381,MP87383,MP87385

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/29/25 10:29		mohan	OK
2	S0.2	S0.2	CAL2	09/29/25 10:31		mohan	OK
3	S2.5	S2.5	CAL3	09/29/25 10:34		mohan	OK
4	S5	S5	CAL4	09/29/25 10:36		mohan	OK
5	S7.5	S7.5	CAL5	09/29/25 10:38		mohan	OK
6	S10	S10	CAL6	09/29/25 10:41		mohan	OK
7	ICV50	ICV50	ICV	09/29/25 10:44		mohan	OK
8	ICB50	ICB50	ICB	09/29/25 10:46		mohan	OK
9	CCV51	CCV51	CCV	09/29/25 10:49		mohan	OK
10	CCB51	CCB51	CCB	09/29/25 10:51		mohan	OK
11	CRA	CRA	CRDL	09/29/25 10:56		mohan	OK
12	HighStd	HighStd	HIGH STD	09/29/25 10:58		mohan	OK
13	ChkStd	ChkStd	SAM	09/29/25 11:00		mohan	OK
14	PB169867BL	PB169867BL	MB	09/29/25 11:03		mohan	OK
15	PB169867BS	PB169867BS	LCS	09/29/25 11:08		mohan	OK
16	Q3181-03	WC-A3-01-C	SAM	09/29/25 11:10		mohan	OK
17	Q3181-07	WC-A3-02-C	SAM	09/29/25 11:13		mohan	OK
18	Q3181-11	WC-A3-03-C	SAM	09/29/25 11:15		mohan	OK

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A B C D E F G H I J

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM

STD. NAME	STD REF.#
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377
ICV Standard	MP87378
CCV Standard	MP87380
ICSA Standard	
CRI Standard	MP87382
LCS Standard	
Chk Standard	MP87379,MP87381,MP87383,MP87385

19	Q3183-10	WC-1	SAM	09/29/25 11:17		mohan	OK
20	Q3183-11	WC-4	SAM	09/29/25 11:19		mohan	OK
21	CCV52	CCV52	CCV	09/29/25 11:22		mohan	OK
22	CCB52	CCB52	CCB	09/29/25 11:24		mohan	OK
23	Q3183-12	WC-3	SAM	09/29/25 11:26		mohan	OK
24	Q3188-05	4135	SAM	09/29/25 11:29		mohan	OK
25	Q3191-01	459	SAM	09/29/25 11:31		mohan	OK
26	Q3196-01	FMC-9-24-25-1	SAM	09/29/25 11:33		mohan	OK
27	Q3196-02	FMC-9-24-25-2	SAM	09/29/25 11:36		mohan	OK
28	Q3196-03	FMC-9-24-25-3	SAM	09/29/25 11:39		mohan	OK
29	Q3196-04	FMC-9-24-25-4	SAM	09/29/25 11:42		mohan	OK
30	Q3196-05	FMC-9-24-25-5	SAM	09/29/25 11:44		mohan	OK
31	Q3208-06	SU-ESM-COMP-01	SAM	09/29/25 11:46		mohan	OK
32	Q3208-12	SU-ESM-COMP-02	SAM	09/29/25 11:48		mohan	OK
33	CCV53	CCV53	CCV	09/29/25 11:51		mohan	OK
34	CCB53	CCB53	CCB	09/29/25 11:53		mohan	OK
35	Q3208-12DUP	SU-ESM-COMP-02DU	DUP	09/29/25 11:55		mohan	OK
36	Q3208-12MS	SU-ESM-COMP-02MS	MS	09/29/25 11:57		mohan	OK
37	Q3208-12MSD	SU-ESM-COMP-02MS	MSD	09/29/25 12:00		mohan	OK
38	PB169868BL	PB169868BL	MB	09/29/25 12:02		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM

STD. NAME	STD REF.#
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377
ICV Standard	MP87378
CCV Standard	MP87380
ICSA Standard	
CRI Standard	MP87382
LCS Standard	
Chk Standard	MP87379,MP87381,MP87383,MP87385

39	PB169868BS	PB169868BS	LCS	09/29/25 12:04		mohan	OK
40	Q3196-06	TOTE-FMC-9-24-25-1	SAM	09/29/25 12:07		mohan	OK
41	Q3196-07	TOTE-FMC-9-24-25-2	SAM	09/29/25 12:09		mohan	OK
42	Q3196-09	FMC-9-24-25-DRUM-	SAM	09/29/25 12:11		mohan	OK
43	Q3199-09	ELZ-25-000107	SAM	09/29/25 12:14		mohan	OK
44	Q3199-09DUP	ELZ-25-000107DUP	DUP	09/29/25 12:16		mohan	OK
45	CCV54	CCV54	CCV	09/29/25 12:18		mohan	OK
46	CCB54	CCB54	CCB	09/29/25 12:20		mohan	OK
47	Q3199-09MS	ELZ-25-000107MS	MS	09/29/25 12:23		mohan	OK
48	Q3199-09MSD	ELZ-25-000107MSD	MSD	09/29/25 12:25		mohan	OK
49	PB169872BL	PB169872BL	MB	09/29/25 12:27		mohan	OK
50	PB169872BS	PB169872BS	LCS	09/29/25 12:30		mohan	OK
51	Q2893-09	MDL-WATER-03-QT3	SAM	09/29/25 12:35		mohan	OK
52	Q3172-01	FW7D	SAM	09/29/25 12:37		mohan	OK
53	Q3172-02	FW6D	SAM	09/29/25 12:40		mohan	OK
54	Q3205-01	TRE-25-0106	SAM	09/29/25 12:42		mohan	OK
55	Q3205-01DUP	TRE-25-0106DUP	DUP	09/29/25 12:44		mohan	OK
56	Q3205-01MS	TRE-25-0106MS	MS	09/29/25 12:51		mohan	OK
57	CCV55	CCV55	CCV	09/29/25 12:53		mohan	OK
58	CCB55	CCB55	CCB	09/29/25 12:56		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM

STD. NAME	STD REF.#
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377
ICV Standard	MP87378
CCV Standard	MP87380
ICSA Standard	
CRI Standard	MP87382
LCS Standard	
Chk Standard	MP87379,MP87381,MP87383,MP87385

59	Q3205-01MSD	TRE-25-0106MSD	MSD	09/29/25 12:58		mohan	OK
60	PB169840TB	PB169840TB	MB	09/29/25 13:00		mohan	OK
61	PB169843TB	PB169843TB	MB	09/29/25 13:03		mohan	OK
62	Q3208-12L	SU-ESM-COMP-02L	SD	09/29/25 13:08		mohan	OK
63	Q3208-12A	SU-ESM-COMP-02A	PS	09/29/25 13:10		mohan	OK
64	Q3199-09L	ELZ-25-000107L	SD	09/29/25 13:12		mohan	OK
65	Q3199-09A	ELZ-25-000107A	PS	09/29/25 13:15		mohan	OK
66	Q3205-01L	TRE-25-0106L	SD	09/29/25 13:17		mohan	OK
67	Q3205-01A	TRE-25-0106A	PS	09/29/25 13:19		mohan	OK
68	CCV56	CCV56	CCV	09/29/25 13:22		mohan	OK
69	CCB56	CCB56	CCB	09/29/25 13:24		mohan	OK
70	Q2893-07	LOD-MDL-WATER-01	SAM	09/29/25 13:26		mohan	OK
71	Q2893-07RE	LOD-MDL-WATER-01	SAM	09/29/25 13:34		mohan	OK
72	CCV57	CCV57	CCV	09/29/25 13:36		mohan	OK
73	CCB57	CCB57	CCB	09/29/25 13:38		mohan	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB169812

SOP ID :	M3010A-Digestion-17
SDG No :	N/A
Matrix :	WATER
Pippete ID:	ICP A
Balance ID :	N/A
Filter paper ID :	N/A
pH Strip ID :	M6069
Hood ID :	#3
Block ID:	**1.** HOT BLOCK #1 **2.** N/A

Start Digest Date:	09/24/2025 **Time :** 12:35 **Temp :** 96 °C
End Digest Date:	09/24/2025 **Time :** 15:40 **Temp :** 96 °C
Digestion tube ID:	M5595
Block thermometer ID:	MET-DIG. #1
Dig Technician Signature:	SKS,
Supervisor Signature:	SO
Temp :	**1.** 96°C **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/24/25 15:40	SKS metdig	SO (Metals Lab)
	Preparation Group	**Analysis Group**

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Water Metals Preparation Sheet

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PB169812

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169812BL	PBW812	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169812BS	LCS812	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q3168-05MS	TOTES COMP#1MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	5
Q3168-05MSD	TOTES COMP#1MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	6
Q3168-05DUP	TOTES COMP#1DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3168-05	TOTES COMP#1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3168-06	TOTES COMP#2	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	7
Q3172-01	FW7D	<2	50	25	Brown	Colorless	Cloudy	Clear	N/A	8
Q3172-02	FW6D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB169872

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: **1.** HG HOT BLOCK#3 **2.** N/A

Start Digest Date: 09/26/2025 **Time :** 14:40 **Temp :** 95 °C

End Digest Date: 09/26/2025 **Time :** 16:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: NS

Supervisor Signature: R

Temp : **1.** 95°C **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87362
CCV	30mL	MP87364
CRA	30mL	MP87366
Blank Spike	0.48mL	MP87355
Matrix Spike	0.48mL	MP87355

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87071
KMnO4 (5%)	4.5mL	MP87072
K2S2O8 (5%)	2.4mL	MP87073
Hydroxylamine HCL (12%)	1.8mL	MP87149
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30Ml	MP87356
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30Ml	MP87357
2.5 ppb	S2.5	30Ml	MP87358
5.0 ppb	S5.0	30Ml	MP87359
7.5 ppb	S7.5	30Ml	MP87360
10.0 ppb	S10.0	30Ml	MP87361
ICV	ICV	30Ml	MP87362
ICB	ICB	30Ml	MP87363
CCV	CCV	30Ml	MP87364
CCB	CCB	30Ml	MP87365
CRI	CRI	30Ml	MP87366
CHK STD	CHK STD	30Ml	MP87367

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/26/25 @ 17:10	AP- 1319, Lab	AS-metal Lab
	Preparation Group	**Analysis Group**

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169872BL	PBW872	30	30	<2	N/A	3-1
PB169872BS	LCS872	30	30	<2	MP87355	2
Q2893-09	MDL-WATER-03-QT3-2025	30	30	<2	N/A	3
Q3172-01	FW7D	30	30	<2	N/A	4
Q3172-02	FW6D	30	30	<2	N/A	5
Q3205-01	TRE-25-0106	30	30	<2	N/A	6
Q3205-01DUP	TRE-25-0106DUP	30	30	<2	N/A	7
Q3205-01MS	TRE-25-0106MS	30	30	<2	MP87355	8
Q3205-01MSD	TRE-25-0106MSD	30	30	<2	MP87355	9

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25 12:39
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7D	SDG No.:	Q3172
Lab Sample ID:	Q3172-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	201	OR	1	0.46	3.00	mg/L		09/24/25 10:46	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25 12:39
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7DDL	SDG No.:	Q3172
Lab Sample ID:	Q3172-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	170	D	10	4.60	30.0	mg/L		09/24/25 12:34	300.0

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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A B C D E

Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q3172
Project:	Amsterdam	**RunNo.:**	LB137286

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10	10	100	90-110	09/24/2025
Chloride	mg/L	2.9	3	97	90-110	09/24/2025
Fluoride	mg/L	2	2	100	90-110	09/24/2025
Nitrite	mg/L	3	3	100	90-110	09/24/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/24/2025
Sulfate	mg/L	14.8	15	99	90-110	09/24/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	09/24/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	09/24/2025
Chloride	mg/L	2.9	3	97	90-110	09/24/2025
Fluoride	mg/L	2	2	100	90-110	09/24/2025
Nitrite	mg/L	3	3	100	90-110	09/24/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/24/2025
Sulfate	mg/L	14.7	15	98	90-110	09/24/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	09/24/2025

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A B C D E

Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q3172

Project: Amsterdam **RunNo.:** LB137286

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/24/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/24/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/24/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/24/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/24/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/24/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/24/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/24/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/24/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/24/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/24/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/24/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/24/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/24/2025

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q3172

Project: Amsterdam

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137286BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/24/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/24/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/24/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/24/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/24/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/24/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/24/2025

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Matrix Spike Summary

Client: G Environmental
SDG No.: Q3172
Project: Amsterdam
Sample ID: Q3168-05
Client ID: TOTES COMP#1MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	11.0		0.37	U	10	1	110		09/24/2025
Chloride	mg/L	80-120	56.6	OR	55.3	OR	3	1	43	*	09/24/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		09/24/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		09/24/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/24/2025
Sulfate	mg/L	80-120	16.2		1.70	J	15	1	97		09/24/2025
Orthophosphate as P	mg/L	80-120	5.00		0.34	U	5	1	100		09/24/2025

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Matrix Spike Summary

Client: G Environmental
SDG No.: Q3172
Project: Amsterdam
Sample ID: Q3168-05
Client ID: TOTES COMP#1MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	11.0		0.37	U	10	1	110		09/24/2025
Chloride	mg/L	80-120	56.2	OR	55.3	OR	3	1	30	*	09/24/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		09/24/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		09/24/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/24/2025
Sulfate	mg/L	80-120	16.1		1.70	J	15	1	96		09/24/2025
Orthophosphate as P	mg/L	80-120	5.20		0.34	U	5	1	104		09/24/2025

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Duplicate Sample Summary

Client: G Environmental

Project: Amsterdam

Client ID: TOTES COMP#1MSD

SDG No.: Q3172

Sample ID: Q3168-05

Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/L	+/-20	11.0		11.0		1	0		09/24/2025
Fluoride	mg/L	+/-20	2.10		2.10		1	0		09/24/2025
Nitrate	mg/L	+/-20	2.40		2.40		1	0		09/24/2025
Nitrite	mg/L	+/-20	3.00		3.00		1	0		09/24/2025
Sulfate	mg/L	+/-20	16.2		16.1		1	1		09/24/2025
Chloride	mg/L	+/-20	56.6	OR	56.2	OR	1	1		09/24/2025
Orthophosphate as P	mg/L	+/-20	5.00		5.20		1	4		09/24/2025

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A
B
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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q3172

Project: Amsterdam **Run No.:** LB137286

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137286BSW								
Bromide	mg/L	10	10.0		100	1	90-110	09/24/2025
Chloride	mg/L	3	2.90		97	1	90-110	09/24/2025
Fluoride	mg/L	2	2.00		100	1	90-110	09/24/2025
Nitrite	mg/L	3	3.00		100	1	90-110	09/24/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	09/24/2025
Sulfate	mg/L	15	14.7		98	1	90-110	09/24/2025
Orthophosphate as P	mg/L	5	4.70		94	1	90-110	09/24/2025

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A
B
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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137286

Review By	rubina	Review On	9/26/2025 9:54:34 AM
Supervise By	Iwona	Supervise On	9/26/2025 10:40:57 AM
SubDirectory	LB137286	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114879
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114880
Chk Standard	WP114685,WP114686

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	09/24/25 09:20		RM/IZ	OK
11	CCB1	CCB1	CCB	09/24/25 09:42		RM/IZ	OK
12	LB137286BLW	LB137286BLW	MB	09/24/25 10:03		RM/IZ	OK
13	LB137286BSW	LB137286BSW	LCS	09/24/25 10:25		RM/IZ	OK
14	Q3172-01	FW7D	SAM	09/24/25 10:46	SO2-4 is high	RM/IZ	Dilution
15	Q3168-05	TOTES COMP#1	SAM	09/24/25 11:08		RM/IZ	OK
16	Q3168-05MS	TOTES COMP#1MS	MS	09/24/25 11:29	9.5ml of sample, 0.5mL W3092	RM/IZ	OK
17	Q3168-05MSD	TOTES COMP#1MSD	MSD	09/24/25 11:51	9.5ml of sample, 0.5mL W3092	RM/IZ	OK
18	Q3168-06	TOTES COMP#2	SAM	09/24/25 12:13		RM/IZ	OK

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A B C D E

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137286

Review By	rubina	Review On	9/26/2025 9:54:34 AM
Supervise By	Iwona	Supervise On	9/26/2025 10:40:57 AM
SubDirectory	LB137286	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114879
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114880
Chk Standard	WP114685,WP114686

19	Q3172-01DL	FW7DDL	SAM	09/24/25 12:34	10X For SO2-4	RM/IZ	Confirms
20	CCV2	CCV2	CCV	09/24/25 12:56		RM/IZ	OK
21	CCB2	CCB2	CCB	09/24/25 13:17		RM/IZ	OK

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LAB CHRONICLE

OrderID:	Q3172	**OrderDate:**	9/24/2025 9:00:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3172-01	**FW7D**	**WATER**			**09/22/25 12:39**			**09/23/25**
			Anions Group1	300.0			09/24/25 10:46	
Q3172-01DL	**FW7DDL**	**WATER**			**09/22/25 12:39**			**09/23/25**
			Anions Group1	300.0			09/24/25 12:34	

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<u>SHIPPING DOCUMENTS</u>

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ALLIANCE PROJECT NO. Q3172
QUOTE NO.
COC Number 2045035

8
8.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amsterdam
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GGL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE) DAYS*
EDD: Standard 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 + Raw Data) ❑ NYS ASP A ❑ NYS ASP B ❑ Other NJDEP SRP pdf
X EDD FORMAT Excel HAZSITE

ANALYSIS

1 TCL VOC+15
2 TAL Metals
3 Sulfate
4
5
6
7
8
9

PRESERVATIVES / **COMMENTS**

← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, 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 (HCl)	2 (HNO3)	3	4	5	6	7	8	9	COMMENTS
1.	FW7D	GW		X	9/22/25	1239	4	X	X	X							
2.	FW6D	GW		X	9/22/25	1445	3	X	X								
3.	GB3W	GW		X	9/22/25	1200	2	X									
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 1547	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.2 °C
Comments: IR Gun #1

Page ___ of
CLIENT: ❑ Hand Delivered ❑ Other
Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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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

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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3172 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/24/2025 9:00:00 AM
Project Name : Amsterdam
Receive DateTime : 9/23/2025 1:15:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 4~~ 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
Q3172-01	FW7D	Water	09/22/2025	12:39						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3172-02	FW6D	Water	09/22/2025	14:45						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3172-03	GB3W	Water	09/22/2025	12:00						
					VOCMS Group1		8260-Low	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 9/24/25 0950

Received By : Sam
Date / Time : 09/24/25 09:50 Rgt 4

Storage Area : **VOA Refridgerator Room**