284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 143 RED LION RD SOUTHAMPTON TWP, NJ

M2 ASSOCIATES

56 Country Acres Drive

Hampton, NJ - 08827

Phone No: 908-238-0827

ORDER ID : Q3201

ATTENTION : Matt Mulhall

Laboratory Certification ID # 20012

Table Of Contents for Q3201

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : M2 Associates

Project Location : Vincentown,NJ Project Number :

Laboratory Sample ID(s) : Q3201 Sampling Date(s) : 9/24/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q3201

Project ID : 143 Red Lion Rd Southampton Twp, NJ

Client : M2 Associates

Lab Sample Number	Client Sample Number
Q3201-01	MW6
Q3201-02	MW14
Q3201-03	MW15
Q3201-04	MW10
Q3201-05	MW1
Q3201-06	MW3
Q3201-07	FIELD-BLANK
Q3201-08	TRIP-BLANK

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

Signature : _____

Date: 10/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

M2 Associates
Project Name: 143 Red Lion Rd Southampton Twp, NJ
Project # N/A
Order ID # Q3201
Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:
8 Water samples were received on 09/25/2025.
B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group2 was based on method 8260D.

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

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

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

The Continuous Calibration File ID VV039242.D met the requirements except for Bromoform is failing high but no positive hit in associate sample while Ethyl Benzene, m/p-Xylenes, o-Xylene, Toluene these compounds failing high, associated sample required dilution due to high concentration of compounds Therefore, sample was reanalyzed with dilution and reported and 4-Bromofluorobenzene which is not our target compound therefore no corrective action taken.

The Continuous Calibration File ID VV039265.D met the requirements except for Bromomethane, Carbon Disulfide, Chloromethane, Cyclohexane,

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Dichlorodifluoromethane is failing low but only dilution sample analyzed under this CCAL and dilution not required for mentioned analyte while 1,2-Dichloroethane-d4 and Toluene-d8 which is not our target compound therefore no corrective action taken.

The Continuous Calibration File ID VX048009.D met the requirements except for Tert butyl alcohol is failing marginally low therefore no corrective action taken.
The Tuning criteria met requirements.

Samples MW1, MW3 has been analyzed at straight dilution as per previous history on the sample.
Samples MW6, MW14 and MW1 were diluted due to high concentrations.

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

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

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

Signature_____

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908-789-8900 Fax: 908-789-8922

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 #: Q3201

	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:** 10/09/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3201

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW6**							
Q3201-01	MW6	Water	Tert butyl alcohol	7400	E	5.50	25.0	ug/L
Q3201-01	MW6	Water	Acetone	3.20	J	1.50	5.00	ug/L
Q3201-01	MW6	Water	Methyl tert-butyl Ether	2400	E	0.16	1.00	ug/L
			Total Voc :	9800				
			Total Concentration:	9800				
Client ID:	**MW6DL**							
Q3201-01DL	MW6DL	Water	Tert butyl alcohol	5600	D	550	2500	ug/L
Q3201-01DL	MW6DL	Water	Methyl tert-butyl Ether	4100	D	16.0	100	ug/L
			Total Voc :	9700				
			Total Concentration:	9700				
Client ID:	**MW14**							
Q3201-02	MW14	Water	Tert butyl alcohol	5800	E	5.50	25.0	ug/L
Q3201-02	MW14	Water	Carbon Disulfide	0.86	J	0.21	1.00	ug/L
Q3201-02	MW14	Water	Methyl tert-butyl Ether	2300	E	0.16	1.00	ug/L
Q3201-02	MW14	Water	Benzene	31.8		0.15	1.00	ug/L
Q3201-02	MW14	Water	Isopropylbenzene	0.60	J	0.12	1.00	ug/L
			Total Voc :	8130				
			Total Concentration:	8130				
Client ID:	**MW14DL**							
Q3201-02DL	MW14DL	Water	Tert butyl alcohol	5700	D	550	2500	ug/L
Q3201-02DL	MW14DL	Water	Methyl tert-butyl Ether	5900	D	16.0	100	ug/L
Q3201-02DL	MW14DL	Water	Benzene	28.5	JD	15.0	100	ug/L
			Total Voc :	11600				
			Total Concentration:	11600				
Client ID:	**MW15**							
Q3201-03	MW15	Water	Acetone	2.80	J	1.50	5.00	ug/L
			Total Voc :	2.80				
			Total Concentration:	2.80				
Client ID:	**MW10**							
Q3201-04	MW10	Water	Acetone	4.70	J	1.50	5.00	ug/L
			Total Voc :	4.70				
			Total Concentration:	4.70				
Client ID:	**MW1**							
Q3201-05	MW1	Water	Tert butyl alcohol	380		55.1	250	ug/L
Q3201-05	MW1	Water	Cyclohexane	100		14.5	50.0	ug/L
Q3201-05	MW1	Water	Methylcyclohexane	45.3		1.60	10.0	ug/L
Q3201-05	MW1	Water	Benzene	500		1.50	10.0	ug/L
Q3201-05	MW1	Water	Toluene	180		1.40	10.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3201

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3201-05	MW1	Water	Ethyl Benzene	1400	E	1.30	10.0	ug/L
Q3201-05	MW1	Water	m/p-Xylenes	2000		2.40	20.0	ug/L
Q3201-05	MW1	Water	o-Xylene	50.6		1.20	10.0	ug/L
Q3201-05	MW1	Water	Isopropylbenzene	470		1.20	10.0	ug/L
			Total Voc :	5130				
			Total Concentration:	5130				
Client ID:	**MW1DL**							
Q3201-05DL	MW1DL	Water	Tert butyl alcohol	400	JD	220	1000	ug/L
Q3201-05DL	MW1DL	Water	Methylcyclohexane	26.2	JD	6.40	40.0	ug/L
Q3201-05DL	MW1DL	Water	Benzene	400	D	6.00	40.0	ug/L
Q3201-05DL	MW1DL	Water	Toluene	140	D	5.60	40.0	ug/L
Q3201-05DL	MW1DL	Water	Ethyl Benzene	1000	D	5.20	40.0	ug/L
Q3201-05DL	MW1DL	Water	m/p-Xylenes	1500	D	9.60	80.0	ug/L
Q3201-05DL	MW1DL	Water	o-Xylene	50.6	D	4.80	40.0	ug/L
Q3201-05DL	MW1DL	Water	Isopropylbenzene	320	D	4.80	40.0	ug/L
			Total Voc :	3840				
			Total Concentration:	3840				
Client ID:	**MW3**							
Q3201-06	MW3	Water	Cyclohexane	47.7	J	14.5	50.0	ug/L
Q3201-06	MW3	Water	Methylcyclohexane	24.5		1.60	10.0	ug/L
Q3201-06	MW3	Water	Benzene	33.8		1.50	10.0	ug/L
Q3201-06	MW3	Water	Toluene	350		1.40	10.0	ug/L
Q3201-06	MW3	Water	Ethyl Benzene	630		1.30	10.0	ug/L
Q3201-06	MW3	Water	m/p-Xylenes	630		2.40	20.0	ug/L
Q3201-06	MW3	Water	o-Xylene	150		1.20	10.0	ug/L
Q3201-06	MW3	Water	Isopropylbenzene	160		1.20	10.0	ug/L
			Total Voc :	2030				
			Total Concentration:	2030				

SAMPLE DATA

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

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	7400	E	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	3.20	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	2400	E	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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

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	60.3		70 (74) - 130 (125)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		70 (75) - 130 (124)	115%	SPK: 50
2037-26-5	Toluene-d8	44.8		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	339000	4.6			
540-36-3	1,4-Difluorobenzene	597000	5.535			
3114-55-4	Chlorobenzene-d5	603000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	285000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	UD	22.0	100	ug/L
74-87-3	Chloromethane	32.0	UD	32.0	100	ug/L
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
74-83-9	Bromomethane	140	UD	140	500	ug/L
75-00-3	Chloroethane	47.0	UD	47.0	100	ug/L
75-69-4	Trichlorofluoromethane	33.0	UD	33.0	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	UD	25.0	100	ug/L
75-65-0	Tert butyl alcohol	5600	D	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	4100	D	16.0	100	ug/L
79-20-9	Methyl Acetate	27.0	UD	27.0	100	ug/L
75-09-2	Methylene Chloride	28.0	UD	28.0	100	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	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	19.0	UD	19.0	100	ug/L
74-97-5	Bromochloromethane	22.0	UD	22.0	100	ug/L
67-66-3	Chloroform	25.0	UD	25.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
108-87-2	Methylcyclohexane	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	9.30	UD	9.30	100	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	20.0	100	ug/L
75-27-4	Bromodichloromethane	22.0	UD	22.0	100	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	UD	68.0	500	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

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	12.0	UD	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	51.4		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	42.7		70 (86) - 130 (113)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	477000	4.6			
540-36-3	1,4-Difluorobenzene	811000	5.532			
3114-55-4	Chlorobenzene-d5	821000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	442000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14	SDG No.:	Q3201
Lab Sample ID:	Q3201-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

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	5800	E	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	0.86	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	2300	E	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	31.8		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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14	SDG No.:	Q3201
Lab Sample ID:	Q3201-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

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	0.60	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	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	60.3		70 (74) - 130 (125)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		70 (77) - 130 (121)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	4.6			
540-36-3	1,4-Difluorobenzene	742000	5.532			
3114-55-4	Chlorobenzene-d5	731000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	342000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14	SDG No.:	Q3201
Lab Sample ID:	Q3201-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	UD	22.0	100	ug/L
74-87-3	Chloromethane	32.0	UD	32.0	100	ug/L
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
74-83-9	Bromomethane	140	UD	140	500	ug/L
75-00-3	Chloroethane	47.0	UD	47.0	100	ug/L
75-69-4	Trichlorofluoromethane	33.0	UD	33.0	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	UD	25.0	100	ug/L
75-65-0	Tert butyl alcohol	5700	D	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	5900	D	16.0	100	ug/L
79-20-9	Methyl Acetate	27.0	UD	27.0	100	ug/L
75-09-2	Methylene Chloride	28.0	UD	28.0	100	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	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	19.0	UD	19.0	100	ug/L
74-97-5	Bromochloromethane	22.0	UD	22.0	100	ug/L
67-66-3	Chloroform	25.0	UD	25.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
108-87-2	Methylcyclohexane	16.0	UD	16.0	100	ug/L
71-43-2	Benzene	28.5	JD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	9.30	UD	9.30	100	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	20.0	100	ug/L
75-27-4	Bromodichloromethane	22.0	UD	22.0	100	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	UD	68.0	500	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

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	12.0	UD	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	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		70 (75) - 130 (124)	111%	SPK: 50
2037-26-5	Toluene-d8	42.5		70 (86) - 130 (113)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	445000	4.603			
540-36-3	1,4-Difluorobenzene	757000	5.535			
3114-55-4	Chlorobenzene-d5	774000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	418000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

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	2.80	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	0.090	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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

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	53.7		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		70 (77) - 130 (121)	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	5.538			
540-36-3	1,4-Difluorobenzene	273000	6.751			
3114-55-4	Chlorobenzene-d5	290000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	150000	12.006			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

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
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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

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	4.70	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	0.090	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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

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	54.8		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	5.544			
540-36-3	1,4-Difluorobenzene	280000	6.751			
3114-55-4	Chlorobenzene-d5	291000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	152000	12.006			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	380		55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	15.1	U	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	100		14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	45.3		1.60	10.0	ug/L
71-43-2	Benzene	500		1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	180		1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	1400	E	1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	2000		2.40	20.0	ug/L
95-47-6	o-Xylene	50.6		1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	470		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	461000	4.6			
540-36-3	1,4-Difluorobenzene	745000	5.532			
3114-55-4	Chlorobenzene-d5	788000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	431000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	8.80	UD	8.80	40.0	ug/L
74-87-3	Chloromethane	12.8	UD	12.8	40.0	ug/L
75-01-4	Vinyl Chloride	10.4	UD	10.4	40.0	ug/L
74-83-9	Bromomethane	57.6	UD	57.6	200	ug/L
75-00-3	Chloroethane	18.8	UD	18.8	40.0	ug/L
75-69-4	Trichlorofluoromethane	13.2	UD	13.2	40.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	UD	10.0	40.0	ug/L
75-65-0	Tert butyl alcohol	400	JD	220	1000	ug/L
75-35-4	1,1-Dichloroethene	9.20	UD	9.20	40.0	ug/L
67-64-1	Acetone	60.4	UD	60.4	200	ug/L
75-15-0	Carbon Disulfide	8.40	UD	8.40	40.0	ug/L
1634-04-4	Methyl tert-butyl Ether	6.40	UD	6.40	40.0	ug/L
79-20-9	Methyl Acetate	10.8	UD	10.8	40.0	ug/L
75-09-2	Methylene Chloride	11.2	UD	11.2	40.0	ug/L
156-60-5	trans-1,2-Dichloroethene	9.20	UD	9.20	40.0	ug/L
75-34-3	1,1-Dichloroethane	9.20	UD	9.20	40.0	ug/L
110-82-7	Cyclohexane	58.0	UD	58.0	200	ug/L
78-93-3	2-Butanone	39.2	UD	39.2	200	ug/L
56-23-5	Carbon Tetrachloride	10.0	UD	10.0	40.0	ug/L
156-59-2	cis-1,2-Dichloroethene	7.60	UD	7.60	40.0	ug/L
74-97-5	Bromochloromethane	8.80	UD	8.80	40.0	ug/L
67-66-3	Chloroform	10.0	UD	10.0	40.0	ug/L
71-55-6	1,1,1-Trichloroethane	8.00	UD	8.00	40.0	ug/L
108-87-2	Methylcyclohexane	26.2	JD	6.40	40.0	ug/L
71-43-2	Benzene	400	D	6.00	40.0	ug/L
107-06-2	1,2-Dichloroethane	8.80	UD	8.80	40.0	ug/L
79-01-6	Trichloroethene	3.70	UD	3.70	40.0	ug/L
78-87-5	1,2-Dichloropropane	8.00	UD	8.00	40.0	ug/L
75-27-4	Bromodichloromethane	8.80	UD	8.80	40.0	ug/L
108-10-1	4-Methyl-2-Pentanone	27.2	UD	27.2	200	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	140	D	5.60	40.0	ug/L
10061-02-6	t-1,3-Dichloropropene	6.80	UD	6.80	40.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	6.40	UD	6.40	40.0	ug/L
79-00-5	1,1,2-Trichloroethane	8.40	UD	8.40	40.0	ug/L
591-78-6	2-Hexanone	35.6	UD	35.6	200	ug/L
124-48-1	Dibromochloromethane	7.20	UD	7.20	40.0	ug/L
106-93-4	1,2-Dibromoethane	6.00	UD	6.00	40.0	ug/L
127-18-4	Tetrachloroethene	9.20	UD	9.20	40.0	ug/L
108-90-7	Chlorobenzene	4.80	UD	4.80	40.0	ug/L
100-41-4	Ethyl Benzene	1000	D	5.20	40.0	ug/L
179601-23-1	m/p-Xylenes	1500	D	9.60	80.0	ug/L
95-47-6	o-Xylene	50.6	D	4.80	40.0	ug/L
100-42-5	Styrene	6.00	UD	6.00	40.0	ug/L
75-25-2	Bromoform	7.60	UD	7.60	40.0	ug/L
98-82-8	Isopropylbenzene	320	D	4.80	40.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	10.4	UD	10.4	40.0	ug/L
541-73-1	1,3-Dichlorobenzene	6.40	UD	6.40	40.0	ug/L
106-46-7	1,4-Dichlorobenzene	7.60	UD	7.60	40.0	ug/L
95-50-1	1,2-Dichlorobenzene	6.40	UD	6.40	40.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.2	UD	21.2	40.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.00	UD	8.00	40.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	8.00	UD	8.00	40.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	43.5		70 (86) - 130 (113)	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	526000	4.6			
540-36-3	1,4-Difluorobenzene	879000	5.532			
3114-55-4	Chlorobenzene-d5	887000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	514000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	55.1	U	55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	15.1	U	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	47.7	J	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	24.5		1.60	10.0	ug/L
71-43-2	Benzene	33.8		1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	350		1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	630		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	630		2.40	20.0	ug/L
95-47-6	o-Xylene	150		1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	160		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.3		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146000	5.543			
540-36-3	1,4-Difluorobenzene	297000	6.75			
3114-55-4	Chlorobenzene-d5	308000	10.036			
3855-82-1	1,4-Dichlorobenzene-d4	160000	12.006			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

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	56.1		70 (74) - 130 (125)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	56.9		70 (75) - 130 (124)	114%	SPK: 50
2037-26-5	Toluene-d8	45.0		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	350000	4.603			
540-36-3	1,4-Difluorobenzene	589000	5.535			
3114-55-4	Chlorobenzene-d5	608000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	300000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

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:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

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	55.6		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	59.0		70 (75) - 130 (124)	118%	SPK: 50
2037-26-5	Toluene-d8	44.3		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	4.603			
540-36-3	1,4-Difluorobenzene	536000	5.535			
3114-55-4	Chlorobenzene-d5	545000	8.777			
3855-82-1	1,4-Dichlorobenzene-d4	265000	11.175			

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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

SDG No.: Q3201

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3201-01	MW6	1,2-Dichloroethane-d4	50	60.3	121		70 (74)	130 (125)
		Dibromofluoromethane	50	57.6	115		70 (75)	130 (124)
		Toluene-d8	50	44.8	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.8	88		70 (77)	130 (121)
Q3201-01DL	MW6DL	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	54.3	109		70 (75)	130 (124)
		Toluene-d8	50	42.8	85		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.7	95		70 (77)	130 (121)
Q3201-02	MW14	1,2-Dichloroethane-d4	50	60.3	121		70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106		70 (75)	130 (124)
		Toluene-d8	50	44.5	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.7	85		70 (77)	130 (121)
Q3201-02DL	MW14DL	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	55.4	111		70 (75)	130 (124)
		Toluene-d8	50	42.5	85		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96		70 (77)	130 (121)
Q3201-03	MW15	1,2-Dichloroethane-d4	50	53.7	107		70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
Q3201-04	MW10	1,2-Dichloroethane-d4	50	54.8	110		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.0	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.1	114		70 (77)	130 (121)
Q3201-05	MW1	1,2-Dichloroethane-d4	50	49.1	98		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	48.2	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.5	109		70 (77)	130 (121)
Q3201-05DL	MW1DL	1,2-Dichloroethane-d4	50	48.5	97		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	43.5	87		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.6	109		70 (77)	130 (121)
Q3201-06	MW3	1,2-Dichloroethane-d4	50	53.1	106		70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98		70 (75)	130 (124)
		Toluene-d8	50	48.6	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.3	115		70 (77)	130 (121)
Q3201-07	FIELD-BLANK	1,2-Dichloroethane-d4	50	56.1	112		70 (74)	130 (125)
		Dibromofluoromethane	50	56.9	114		70 (75)	130 (124)
		Toluene-d8	50	45.0	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.3	89		70 (77)	130 (121)
Q3201-08	TRIP-BLANK	1,2-Dichloroethane-d4	50	55.6	111		70 (74)	130 (125)
		Dibromofluoromethane	50	59.0	118		70 (75)	130 (124)
		Toluene-d8	50	44.3	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.6	89		70 (77)	130 (121)
VV1003WBL01	VV1003WBL01	1,2-Dichloroethane-d4	50	51.7	103		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	44.6	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.2	90		70 (77)	130 (121)
VV1003WBS01	VV1003WBS01	1,2-Dichloroethane-d4	50	41.7	83		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q3201

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VV1003WBS01	VV1003WBS01	Toluene-d8	50	45.8	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107		70 (77)	130 (121)
VV1003WBSD0	VV1003WBSD01	1,2-Dichloroethane-d4	50	42.8	86		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	45.3	91		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.2	106		70 (77)	130 (121)
VV1006WBL01	VV1006WBL01	1,2-Dichloroethane-d4	50	50.8	102		70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108		70 (75)	130 (124)
		Toluene-d8	50	43.0	86		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.4	97		70 (77)	130 (121)
VV1006WBS01	VV1006WBS01	1,2-Dichloroethane-d4	50	44.4	89		70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.6	111		70 (77)	130 (121)
VX1006WBL01	VX1006WBL01	1,2-Dichloroethane-d4	50	51.8	104		70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99		70 (75)	130 (124)
		Toluene-d8	50	48.9	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.9	110		70 (77)	130 (121)
VX1006WBS02	VX1006WBS02	1,2-Dichloroethane-d4	50	43.1	86		70 (74)	130 (125)
		Dibromofluoromethane	50	47.4	95		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.8	94		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBS01	Dichlorodifluoromethane	20	16.6	ug/L	83			40 (69)	160 (116)	
	Chloromethane	20	16.7	ug/L	84			40 (65)	160 (116)	
	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	Bromomethane	20	18.8	ug/L	94			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.1	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.3	ug/L	97			70 (80)	130 (112)	
	Tert butyl alcohol	100	90.1	ug/L	90			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.8	ug/L	94			70 (74)	130 (110)	
	Acetone	100	91.0	ug/L	91			40 (60)	160 (125)	
	Carbon disulfide	20	16.0	ug/L	80			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			70 (78)	130 (114)	
	Methyl Acetate	20	21.1	ug/L	106			70 (67)	130 (125)	
	Methylene Chloride	20	19.9	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.2	ug/L	91			70 (78)	130 (112)	
	Cyclohexane	20	16.4	ug/L	82			70 (75)	130 (110)	
	2-Butanone	100	89.1	ug/L	89			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			70 (77)	130 (110)	
	Bromochloromethane	20	19.3	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	18.1	ug/L	91			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			70 (80)	130 (108)	
	Methylcyclohexane	20	17.1	ug/L	86			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.8	ug/L	94			70 (80)	130 (115)	
	Trichloroethene	20	20.8	ug/L	104			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	19.3	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	20.9	ug/L	104			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.9	ug/L	104			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.0	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	91.8	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	20.7	ug/L	104			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.6	ug/L	103			70 (81)	130 (110)	
	Tetrachloroethene	20	20.3	ug/L	102			70 (67)	130 (123)	
	Chlorobenzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	Ethyl Benzene	20	20.2	ug/L	101			70 (83)	130 (109)	
	m/p-Xylenes	40	43.1	ug/L	108			70 (82)	130 (110)	
	o-Xylene	20	21.5	ug/L	108			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	21.5	ug/L	108			70 (79)	130 (109)	
	Isopropylbenzene	20	19.9	ug/L	100			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3201**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VV039245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBS01	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBSD01	Dichlorodifluoromethane	20	16.4	ug/L	82	1		40 (69)	160 (116)	20 (19)
	Chloromethane	20	16.4	ug/L	82	2		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	17.0	ug/L	85	3		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.0	ug/L	95	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.8	ug/L	89	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.8	ug/L	94	2		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99	2		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	98.0	ug/L	98	9		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	18.7	ug/L	94	0		70 (74)	130 (110)	20 (20)
	Acetone	100	93.4	ug/L	93	2		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.9	ug/L	79	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.4	ug/L	102	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	21.5	ug/L	108	2		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.2	ug/L	101	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	1		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	18.4	ug/L	92	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	16.3	ug/L	81	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	93.5	ug/L	94	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.8	ug/L	94	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.6	ug/L	98	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.2	ug/L	91	0		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.0	ug/L	85	1		70 (72)	130 (115)	20 (20)
	Benzene	20	19.3	ug/L	97	0		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.1	ug/L	96	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.3	ug/L	102	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.1	ug/L	96	4		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.4	ug/L	97	0		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (25)
	Toluene	20	20.9	ug/L	104	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	21.3	ug/L	106	0		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	2		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.4	ug/L	102	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	95.2	ug/L	95	3		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.6	ug/L	103	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.4	ug/L	107	4		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.4	ug/L	102	0		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.2	ug/L	101	0		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.2	ug/L	101	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	43.3	ug/L	108	0		70 (82)	130 (110)	20 (15)
	o-Xylene	20	21.8	ug/L	109	1		70 (83)	130 (109)	20 (20)
	Styrene	20	19.6	ug/L	98	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.2	ug/L	111	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.0	ug/L	100	0		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.3	ug/L	102	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.5	ug/L	98	1		70 (82)	130 (107)	20 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3201**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VV039246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1003WBSD01	1,2-Dichlorobenzene	20	20.2	ug/L	101	2		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.6	ug/L	103	0		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101	0		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	2		70 (76)	130 (114)	20 (29)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039268.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1006WBS01	Dichlorodifluoromethane	20	16.7	ug/L	84			40 (69)	160 (116)	
	Chloromethane	20	16.7	ug/L	84			40 (65)	160 (116)	
	Vinyl chloride	20	17.8	ug/L	89			70 (65)	130 (117)	
	Bromomethane	20	17.1	ug/L	86			40 (58)	160 (125)	
	Chloroethane	20	21.2	ug/L	106			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.2	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			70 (80)	130 (112)	
	Tert butyl alcohol	100	110	ug/L	110			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.4	ug/L	97			70 (74)	130 (110)	
	Acetone	100	91.5	ug/L	92			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.0	ug/L	105			70 (78)	130 (114)	
	Methyl Acetate	20	23.4	ug/L	117			70 (67)	130 (125)	
	Methylene Chloride	20	20.8	ug/L	104			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.3	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	16.3	ug/L	81			70 (75)	130 (110)	
	2-Butanone	100	97.4	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.0	ug/L	100			70 (77)	130 (110)	
	Bromochloromethane	20	21.7	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	18.8	ug/L	94			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	17.3	ug/L	86			70 (72)	130 (115)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.5	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	20.6	ug/L	103			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.5	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	20.1	ug/L	101			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	21.3	ug/L	106			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	21.7	ug/L	109			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.8	ug/L	109			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.1	ug/L	106			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	21.3	ug/L	106			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.8	ug/L	109			70 (81)	130 (110)	
	Tetrachloroethene	20	20.1	ug/L	101			70 (67)	130 (123)	
	Chlorobenzene	20	20.8	ug/L	104			70 (82)	130 (109)	
	Ethyl Benzene	20	20.6	ug/L	103			70 (83)	130 (109)	
	m/p-Xylenes	40	44.0	ug/L	110			70 (82)	130 (110)	
	o-Xylene	20	21.9	ug/L	110			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	22.4	ug/L	112			70 (79)	130 (109)	
	Isopropylbenzene	20	19.8	ug/L	99			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/L	95			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.2	ug/L	96			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3201**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VV039268.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1006WBS01	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	21.1	ug/L	106			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.3	ug/L	102			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX048014.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1006WBS02	Dichlorodifluoromethane	20	18.4	ug/L	92			40 (69)	160 (116)	
	Chloromethane	20	15.2	ug/L	76			40 (65)	160 (116)	
	Vinyl chloride	20	17.2	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	14.1	ug/L	71			40 (58)	160 (125)	
	Chloroethane	20	17.1	ug/L	86			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.7	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			70 (80)	130 (112)	
	Tert butyl alcohol	100	80.3	ug/L	80			70 (48)	130 (142)	
	1,1-Dichloroethene	20	17.7	ug/L	89			70 (74)	130 (110)	
	Acetone	100	78.1	ug/L	78			40 (60)	160 (125)	
	Carbon disulfide	20	15.9	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			70 (78)	130 (114)	
	Methyl Acetate	20	19.1	ug/L	96			70 (67)	130 (125)	
	Methylene Chloride	20	16.7	ug/L	84			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.2	ug/L	86			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.8	ug/L	89			70 (78)	130 (112)	
	Cyclohexane	20	17.0	ug/L	85			70 (75)	130 (110)	
	2-Butanone	100	85.2	ug/L	85			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.6	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.4	ug/L	87			70 (77)	130 (110)	
	Bromochloromethane	20	19.0	ug/L	95			70 (70)	130 (124)	
	Chloroform	20	18.6	ug/L	93			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	18.2	ug/L	91			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.3	ug/L	92			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.2	ug/L	96			70 (83)	130 (111)	
	Bromodichloromethane	20	19.0	ug/L	95			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.7	ug/L	96			40 (74)	160 (118)	
	Toluene	20	18.9	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	17.7	ug/L	89			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	92.1	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	20.0	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.2	ug/L	96			70 (81)	130 (110)	
	Tetrachloroethene	20	18.7	ug/L	94			70 (67)	130 (123)	
	Chlorobenzene	20	18.7	ug/L	94			70 (82)	130 (109)	
	Ethyl Benzene	20	18.4	ug/L	92			70 (83)	130 (109)	
	m/p-Xylenes	40	37.6	ug/L	94			70 (82)	130 (110)	
	o-Xylene	20	18.4	ug/L	92			70 (83)	130 (109)	
	Styrene	20	18.2	ug/L	91			70 (80)	130 (111)	
	Bromoform	20	19.1	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	18.2	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX048014.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1006WBS02	1,2-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	16.3	ug/L	81			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	16.7	ug/L	84			70 (76)	130 (114)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1003WBL01

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q3201

Lab File ID: VV039244.D | Lab Sample ID: VV1003WBL01

Date Analyzed: 10/03/2025 | Time Analyzed: 11:26

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
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025
FIELD-BLANK	Q3201-07	VV039249.D	10/03/2025
TRIP-BLANK	Q3201-08	VV039250.D	10/03/2025
MW6	Q3201-01	VV039256.D	10/03/2025
MW14	Q3201-02	VV039257.D	10/03/2025
MW1	Q3201-05	VV039260.D	10/03/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

Client ID: VV1006WBL01

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q3201

Lab File ID: VV039267.D | Lab Sample ID: VV1006WBL01

Date Analyzed: 10/06/2025 | Time Analyzed: 12:35

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
VV1006WBS01	VV1006WBS01	VV039268.D	10/06/2025
MW1DL	Q3201-05DL	VV039270.D	10/06/2025
MW6DL	Q3201-01DL	VV039271.D	10/06/2025
MW14DL	Q3201-02DL	VV039272.D	10/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1006WBL01

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q3201

Lab File ID: VX048011.D | Lab Sample ID: VX1006WBL01

Date Analyzed: 10/06/2025 | Time Analyzed: 09:44

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025
MW3	Q3201-06	VX048020.D	10/06/2025
MW15	Q3201-03	VX048021.D	10/06/2025
MW10	Q3201-04	VX048022.D	10/06/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
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: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VV039241.D
BFB Injection Date: 10/03/2025
Instrument ID: MSVOA_V
BFB Injection Time: 08:26
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	16.6
75	30.0 - 60.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	5.5 (7) 1
176	95.0 - 101.0% of mass 174	74.9 (96) 1
177	5.0 - 9.0% of mass 176	5 (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	VV039242.D	10/03/2025	08:53
VV1003WBL01	VV1003WBL01	VV039244.D	10/03/2025	11:26
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025	13:07
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025	13:29
FIELD-BLANK	Q3201-07	VV039249.D	10/03/2025	15:04
TRIP-BLANK	Q3201-08	VV039250.D	10/03/2025	15:27
MW6	Q3201-01	VV039256.D	10/03/2025	17:41
MW14	Q3201-02	VV039257.D	10/03/2025	18:04
MW1	Q3201-05	VV039260.D	10/03/2025	19:11

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VV039264.D
BFB Injection Date: 10/06/2025
Instrument ID: MSVOA_V
BFB Injection Time: 08:07
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	17.7
75	30.0 - 60.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71 (95.9) 1
177	5.0 - 9.0% of mass 176	4.5 (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	VV039265.D	10/06/2025	11:46
VV1006WBL01	VV1006WBL01	VV039267.D	10/06/2025	12:35
VV1006WBS01	VV1006WBS01	VV039268.D	10/06/2025	13:01
MW1DL	Q3201-05DL	VV039270.D	10/06/2025	13:56
MW6DL	Q3201-01DL	VV039271.D	10/06/2025	14:19
MW14DL	Q3201-02DL	VV039272.D	10/06/2025	14:41

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q3201

Lab File ID: VX047584.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:56

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	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 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
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q3201

Lab File ID: VX048008.D | BFB Injection Date: 10/06/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:12

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	20.7
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	68.5 (97.4) 1
177	5.0 - 9.0% of mass 176	4.4 (6.4) 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	VX048009.D	10/06/2025	08:54
VX1006WBL01	VX1006WBL01	VX048011.D	10/06/2025	09:44
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025	11:34
MW3	Q3201-06	VX048020.D	10/06/2025	13:46
MW15	Q3201-03	VX048021.D	10/06/2025	14:07
MW10	Q3201-04	VX048022.D	10/06/2025	14:28

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

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	504801	4.60	717875	5.53	718198	8.77
UPPER LIMIT	1009600	5.096	1435750	6.032	1436400	9.273
LOWER LIMIT	252401	4.096	358938	5.032	359099	8.273
EPA SAMPLE NO.						
MW6	338723	4.60	596501	5.54	602719	8.78
MW14	381402	4.60	742495	5.53	731184	8.78
MW1	460794	4.60	745054	5.53	788166	8.78
FIELD-BLANK	349814	4.60	588713	5.54	608055	8.78
TRIP-BLANK	323029	4.60	535676	5.54	545144	8.78
VV1003WBL01	501875	4.60	854024	5.53	854306	8.78
VV1003WBS01	559480	4.60	866328	5.53	845304	8.77
VV1003WBSD01	530712	4.60	834883	5.54	807929	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: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

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

	IS4 AREA #	RT #				
12 HOUR STD	467640	11.172				
UPPER LIMIT	935280	11.672				
LOWER LIMIT	233820	10.672				
EPA SAMPLE NO.						
MW6	285289	11.18				
MW14	341647	11.17				
MW1	431237	11.18				
FIELD-BLANK	300076	11.18				
TRIP-BLANK	264732	11.18				
VV1003WBL01	433083	11.17				
VV1003WBS01	506399	11.17				
VV1003WBSD01	481201	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: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039265.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_V Time Analyzed: 11:46

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	549792	4.60	857645	5.53	835774	8.77
UPPER LIMIT	1099580	5.096	1715290	6.029	1671550	9.273
LOWER LIMIT	274896	4.096	428823	5.029	417887	8.273
EPA SAMPLE NO.						
MW6DL	477065	4.60	810750	5.53	821368	8.78
MW14DL	444773	4.60	756536	5.54	773912	8.78
MW1DL	525555	4.60	878942	5.53	886561	8.77
VV1006WBL01	463806	4.60	783914	5.54	804136	8.78
VV1006WBS01	527068	4.60	830218	5.53	815170	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: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039265.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_V Time Analyzed: 11:46

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

	IS4 AREA #	RT #				
12 HOUR STD	504333	11.172				
UPPER LIMIT	1008670	11.672				
LOWER LIMIT	252167	10.672				
EPA SAMPLE NO.						
MW6DL	441845	11.18				
MW14DL	417747	11.18				
MW1DL	514429	11.17				
VV1006WBL01	428242	11.17				
VV1006WBS01	499953	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: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VX048009.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_X Time Analyzed: 08:54

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	169040	5.53	276640	6.74	239951	10.04
UPPER LIMIT	338080	6.032	553280	7.239	479902	10.537
LOWER LIMIT	84520	5.032	138320	6.239	119976	9.537
EPA SAMPLE NO.						
MW15	134028	5.54	273148	6.75	290347	10.04
MW10	136606	5.54	279650	6.75	291369	10.04
MW3	146182	5.54	297329	6.75	308048	10.04
VX1006WBL01	163752	5.54	333598	6.75	343343	10.04
VX1006WBS02	164419	5.54	279226	6.75	253325	10.04

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: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VX048009.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_X Time Analyzed: 08:54

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

	IS4 AREA #	RT #				
12 HOUR STD	117957	12				
UPPER LIMIT	235914	12.5				
LOWER LIMIT	58978.5	11.5				
EPA SAMPLE NO.						
MW15	149616	12.01				
MW10	151792	12.01				
MW3	159943	12.01				
VX1006WBL01	171990	12.01				
VX1006WBS02	126701	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

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	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		70 (77) - 130 (121)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	502000	4.6			
540-36-3	1,4-Difluorobenzene	854000	5.532			
3114-55-4	Chlorobenzene-d5	854000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	433000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

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	50.8		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	43.0		70 (86) - 130 (113)	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	4.6			
540-36-3	1,4-Difluorobenzene	784000	5.535			
3114-55-4	Chlorobenzene-d5	804000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	428000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

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	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	334000	6.745			
3114-55-4	Chlorobenzene-d5	343000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	172000	12.006			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.6		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
74-83-9	Bromomethane	18.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.1		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		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	18.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.4		1.50	5.00	ug/L
78-93-3	2-Butanone	89.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.3		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.1		0.16	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		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	100		0.68	5.00	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		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	91.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		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	21.5		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	21.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		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	41.7		70 (74) - 130 (125)	83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	45.8		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	559000	4.596			
540-36-3	1,4-Difluorobenzene	866000	5.532			
3114-55-4	Chlorobenzene-d5	845000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	506000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
74-83-9	Bromomethane	17.1		1.40	5.00	ug/L
75-00-3	Chloroethane	21.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		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	19.4		0.23	1.00	ug/L
67-64-1	Acetone	91.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.3		1.50	5.00	ug/L
78-93-3	2-Butanone	97.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	18.8		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	17.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.1		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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	44.0		0.24	2.00	ug/L
95-47-6	o-Xylene	21.9		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		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	18.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		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	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.4		70 (74) - 130 (125)	89%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	527000	4.6			
540-36-3	1,4-Difluorobenzene	830000	5.532			
3114-55-4	Chlorobenzene-d5	815000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	500000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.4		0.22	1.00	ug/L
74-87-3	Chloromethane	15.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
74-83-9	Bromomethane	14.1		1.40	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	80.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
67-64-1	Acetone	78.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	16.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.0		1.50	5.00	ug/L
78-93-3	2-Butanone	85.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	1.00	ug/L
71-43-2	Benzene	18.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.7		0.68	5.00	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	18.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.1		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	17.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	279000	6.745			
3114-55-4	Chlorobenzene-d5	253000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.4		0.22	1.00	ug/L
74-87-3	Chloromethane	16.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	93.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.3		1.50	5.00	ug/L
78-93-3	2-Butanone	93.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		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	17.0		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		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:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	95.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.3		0.24	2.00	ug/L
95-47-6	o-Xylene	21.8		0.12	1.00	ug/L
100-42-5	Styrene	19.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.8		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	45.3		70 (86) - 130 (113)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	531000	4.603			
540-36-3	1,4-Difluorobenzene	835000	5.535			
3114-55-4	Chlorobenzene-d5	808000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	481000	11.172			

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Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

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: M2AS01

Lab Code: ACE | SDG No.: Q3201

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

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

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

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

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

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

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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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
Tert butyl alcohol		0.085	0.086	0.089	0.090	0.094	0.089	4.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG No.: Q3201

Instrument ID: MSVOA_X | Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG No.: Q3201

Instrument ID: MSVOA_V | Calibration Date/Time: 10/03/2025 08:53

Lab File ID: VV039242.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	0.678		-14.39	20
Chloromethane	0.850	0.705	0.1	-17.06	20
Vinyl Chloride	0.910	0.797		-12.42	20
Bromomethane	0.573	0.524		-8.55	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1,2-Trichlorotrifluoroethane	0.784	0.780		-0.51	20
Tert butyl alcohol	0.153	0.135		-11.77	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methyl tert-butyl Ether	2.402	2.433		1.29	20
Methyl Acetate	1.072	1.143		6.62	20
Methylene Chloride	1.066	0.842		-21.01	20
trans-1,2-Dichloroethene	0.803	0.776		-3.36	20
1,1-Dichloroethane	1.576	1.470	0.1	-6.73	20
Cyclohexane	1.291	1.058		-18.05	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Methylcyclohexane	0.734	0.753		2.59	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloroethane	0.693	0.737		6.35	20
Trichloroethene	0.457	0.530		15.97	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
1,1,2-Trichloroethane	0.514	0.596		15.95	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG No.: Q3201

Instrument ID: MSVOA_V | Calibration Date/Time: 10/03/2025 08:53

Lab File ID: VV039242.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	1.547	0.3	10.98	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
Isopropylbenzene	3.627	3.916		7.97	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,3-Dichlorobenzene	1.904	1.998		4.94	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	20
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2,4-Trichlorobenzene	1.020	1.095		7.35	20
1,2,3-Trichlorobenzene	1.043	1.148		10.07	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_V
Calibration Date/Time: 10/06/2025 11:46
Lab File ID: VV039265.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	0.589		-25.63	20
Chloromethane	0.850	0.614	0.1	-27.76	20
Vinyl Chloride	0.910	0.729		-19.89	20
Bromomethane	0.573	0.454		-20.77	20
Chloroethane	0.631	0.482		-23.61	20
Trichlorofluoromethane	1.317	1.128		-14.35	20
1,1,2-Trichlorotrifluoroethane	0.784	0.701		-10.59	20
Tert butyl alcohol	0.153	0.159		3.92	20
1,1-Dichloroethene	0.754	0.655		-13.13	20
Acetone	0.523	0.426		-18.55	20
Carbon Disulfide	2.306	1.698		-26.37	20
Methyl tert-butyl Ether	2.402	2.436		1.41	20
Methyl Acetate	1.072	1.199		11.85	20
Methylene Chloride	1.066	0.783		-26.55	20
trans-1,2-Dichloroethene	0.803	0.692		-13.82	20
1,1-Dichloroethane	1.576	1.357	0.1	-13.9	20
Cyclohexane	1.291	1.000		-22.54	20
2-Butanone	0.579	0.565		-2.42	20
Carbon Tetrachloride	0.743	0.660		-11.17	20
cis-1,2-Dichloroethene	0.885	0.852		-3.73	20
Bromochloromethane	0.696	0.639		-8.19	20
Chloroform	1.645	1.436		-12.7	20
1,1,1-Trichloroethane	1.424	1.201		-15.66	20
Methylcyclohexane	0.734	0.658		-10.35	20
Benzene	1.979	1.845		-6.77	20
1,2-Dichloroethane	0.693	0.637		-8.08	20
Trichloroethene	0.457	0.456		-0.22	20
1,2-Dichloropropane	0.492	0.476		-3.25	20
Bromodichloromethane	0.778	0.743		-4.5	20
4-Methyl-2-Pentanone	0.661	0.713		7.87	20
Toluene	1.147	1.171		2.09	20
t-1,3-Dichloropropene	0.678	0.734		8.26	20
cis-1,3-Dichloropropene	0.749	0.786		4.94	20
1,1,2-Trichloroethane	0.514	0.508		-1.17	20
2-Hexanone	0.463	0.535		15.55	20
Dibromochloromethane	0.586	0.602		2.73	20
1,2-Dibromoethane	0.526	0.549		4.37	20
Tetrachloroethene	0.419	0.393		-6.2	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG No.: Q3201

Instrument ID: MSVOA_V | Calibration Date/Time: 10/06/2025 11:46

Lab File ID: VV039265.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	1.369	0.3	-1.72	20
Ethyl Benzene	2.108	2.229		5.74	20
m/p-Xylenes	0.814	0.895		9.95	20
o-Xylene	0.720	0.826		14.72	20
Styrene	1.263	1.504		19.08	20
Bromoform	0.393	0.433	0.1	10.18	20
Isopropylbenzene	3.627	3.696		1.9	20
1,1,2,2-Tetrachloroethane	1.589	1.415	0.3	-10.95	20
1,3-Dichlorobenzene	1.904	1.856		-2.52	20
1,4-Dichlorobenzene	2.089	1.920		-8.09	20
1,2-Dichlorobenzene	1.779	1.762		-0.96	20
1,2-Dibromo-3-Chloropropane	0.330	0.311		-5.76	20
1,2,4-Trichlorobenzene	1.020	1.084		6.28	20
1,2,3-Trichlorobenzene	1.043	1.124		7.77	20
1,2-Dichloroethane-d4	0.724	0.551		-23.9	20
Dibromofluoromethane	0.402	0.352		-12.44	20
Toluene-d8	1.181	0.939		-20.49	20
4-Bromofluorobenzene	0.486	0.476		-2.06	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_X
Calibration Date/Time: 10/06/2025 08:54
Lab File ID: VX048009.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.605		16.8	20
Chloromethane	0.680	0.636	0.1	-6.47	20
Vinyl Chloride	0.666	0.691		3.75	20
Bromomethane	0.422	0.421		-0.24	20
Chloroethane	0.445	0.444		-0.22	20
Trichlorofluoromethane	0.989	1.092		10.41	20
1,1,2-Trichlorotrifluoroethane	0.578	0.657		13.67	20
Tert butyl alcohol	0.089	0.070		-21.35	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acetone	0.346	0.342		-1.16	20
Carbon Disulfide	1.626	1.517		-6.7	20
Methyl tert-butyl Ether	2.169	2.043		-5.81	20
Methyl Acetate	0.770	0.794		3.12	20
Methylene Chloride	0.732	0.697		-4.78	20
trans-1,2-Dichloroethene	0.640	0.623		-2.66	20
1,1-Dichloroethane	1.263	1.250	0.1	-1.03	20
Cyclohexane	1.052	0.962		-8.56	20
2-Butanone	0.432	0.396		-8.33	20
Carbon Tetrachloride	0.532	0.573		7.71	20
cis-1,2-Dichloroethene	0.783	0.750		-4.22	20
Bromochloromethane	0.551	0.549		-0.36	20
Chloroform	1.276	1.253		-1.8	20
1,1,1-Trichloroethane	1.082	1.094		1.11	20
Methylcyclohexane	0.556	0.563		1.26	20
Benzene	1.488	1.493		0.34	20
1,2-Dichloroethane	0.566	0.554		-2.12	20
Trichloroethene	0.360	0.368		2.22	20
1,2-Dichloropropane	0.381	0.395		3.67	20
Bromodichloromethane	0.572	0.607		6.12	20
4-Methyl-2-Pentanone	0.477	0.457		-4.19	20
Toluene	0.917	0.910		-0.76	20
t-1,3-Dichloropropene	0.584	0.576		-1.37	20
cis-1,3-Dichloropropene	0.624	0.627		0.48	20
1,1,2-Trichloroethane	0.354	0.355		0.28	20
2-Hexanone	0.343	0.319		-7	20
Dibromochloromethane	0.407	0.436		7.13	20
1,2-Dibromoethane	0.360	0.364		1.11	20
Tetrachloroethene	0.326	0.330		1.23	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG No.: Q3201

Instrument ID: MSVOA_X | Calibration Date/Time: 10/06/2025 08:54

Lab File ID: VX048009.D | Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.136	1.153	0.3	1.5	20
Ethyl Benzene	1.960	1.991		1.58	20
m/p-Xylenes	0.729	0.745		2.19	20
o-Xylene	0.706	0.712		0.85	20
Styrene	1.236	1.248		0.97	20
Bromoform	0.293	0.313	0.1	6.83	20
Isopropylbenzene	3.801	3.830		0.76	20
1,1,2,2-Tetrachloroethane	1.150	1.131	0.3	-1.65	20
1,3-Dichlorobenzene	1.739	1.695		-2.53	20
1,4-Dichlorobenzene	1.785	1.698		-4.87	20
1,2-Dichlorobenzene	1.657	1.632		-1.51	20
1,2-Dibromo-3-Chloropropane	0.233	0.217		-6.87	20
1,2,4-Trichlorobenzene	1.077	1.011		-6.13	20
1,2,3-Trichlorobenzene	1.002	0.945		-5.69	20
1,2-Dichloroethane-d4	0.796	0.715		-10.18	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.440	0.426		-3.18	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\VV100325\
Data File : VV039256.D
Acq On : 03 Oct 2025 17:41
Operator : SY/MD
Sample : Q3201-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 04 01:14:44 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

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	338723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	596501	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	602719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	285289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	295630	60.304	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.600%#			
35) Dibromofluoromethane	4.503	113	276319	57.622	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 115.240%			
50) Toluene-d8	7.240	98	631507	44.838	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.680%			
62) 4-Bromofluorobenzene	10.002	95	253846	43.781	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.564	59	7717590	7448.531	ug/l	99
16) Acetone	2.124	43	24177	3.247	ug/l	99
19) Methyl tert-butyl Ether	2.690	73	39182020m	2407.667	ug/l	

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

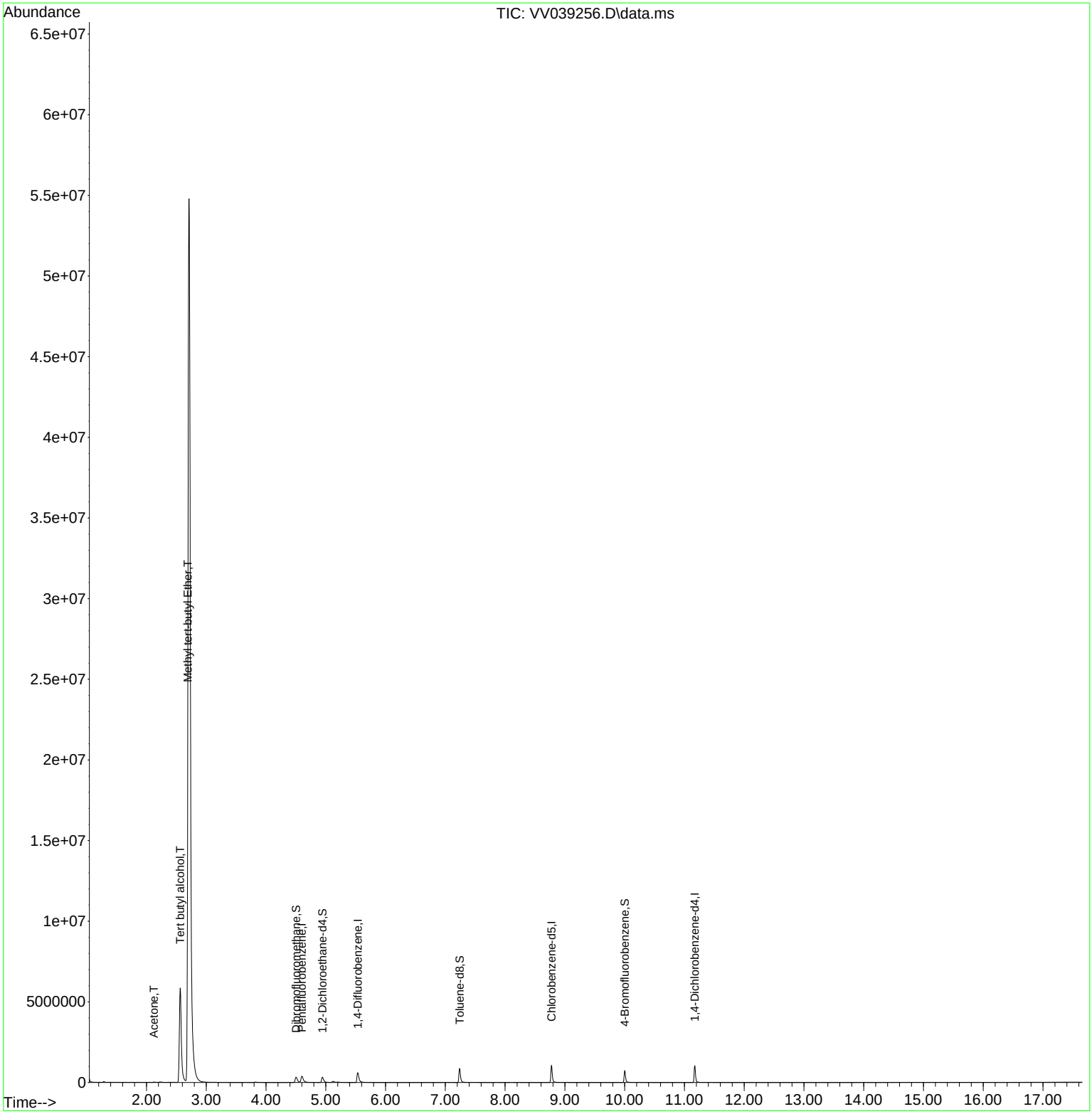
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039256.D
Acq On : 03 Oct 2025 17:41
Operator : SY/MD
Sample : Q3201-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

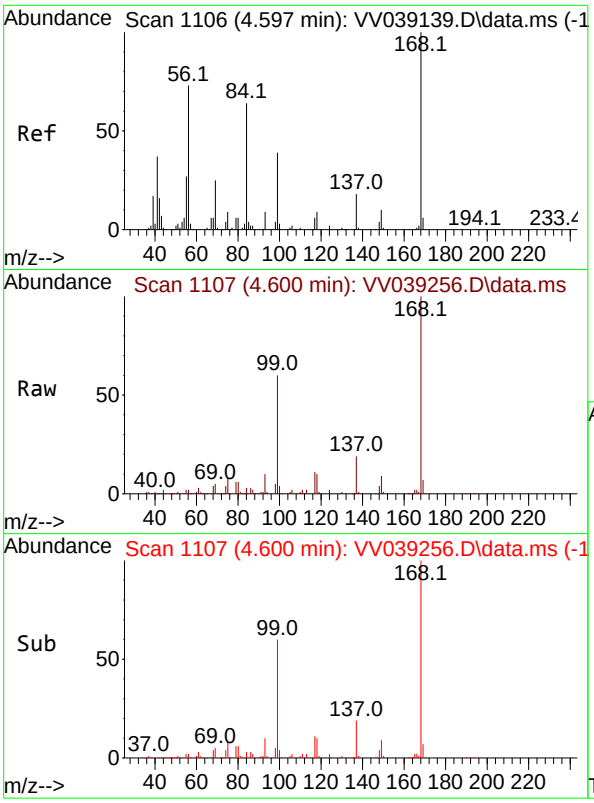
Quant Time: Oct 04 01:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

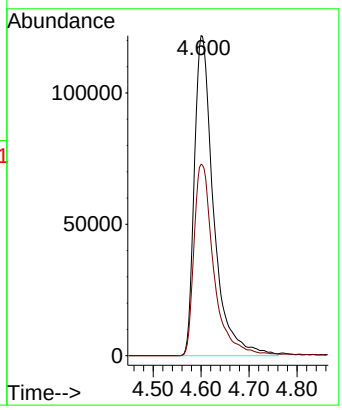




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:168 Resp: 33872

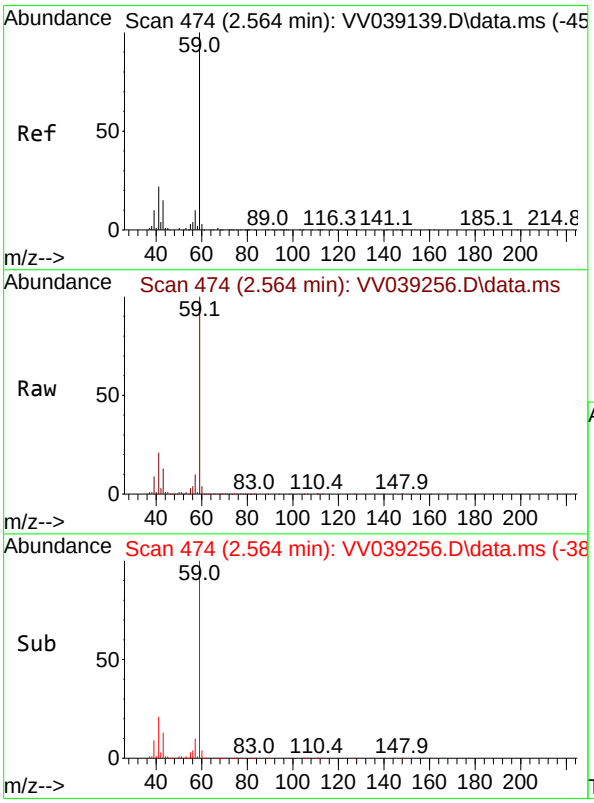
Ion	Ratio	Lower	Upper
168	100		
99	59.8	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

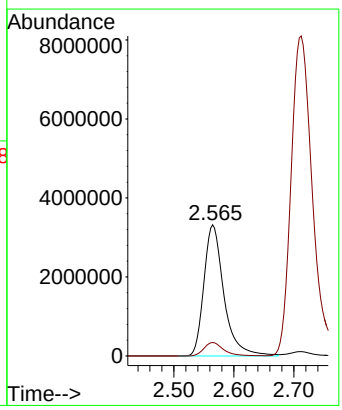
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

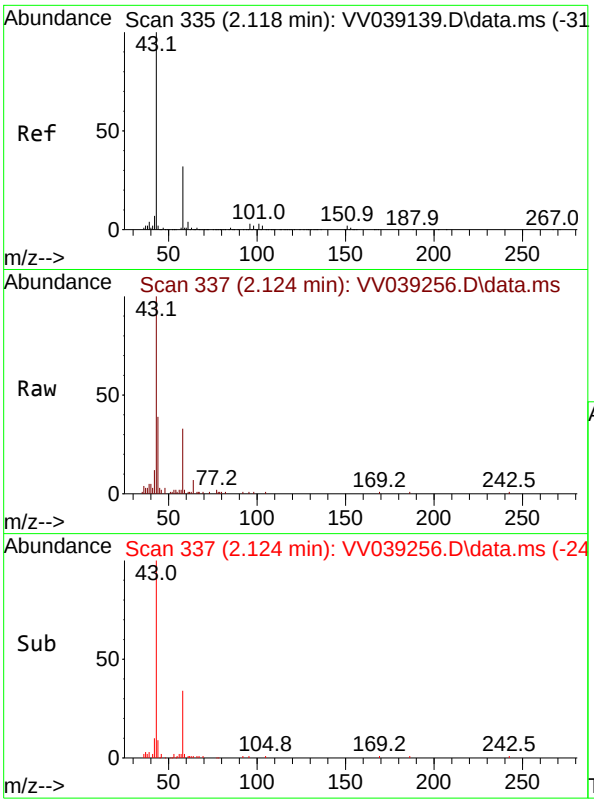


#11
Tert butyl alcohol
Concen: 7448.531 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.000 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 59 Resp: 7717590

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8

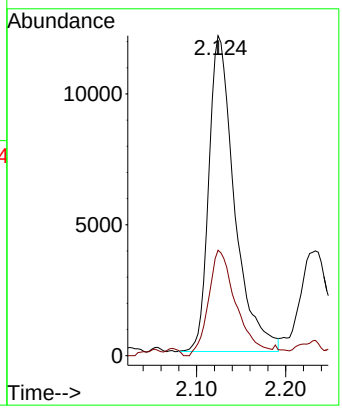




#16
Acetone
Concen: 3.247 ug/l
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 43 Resp: 2417

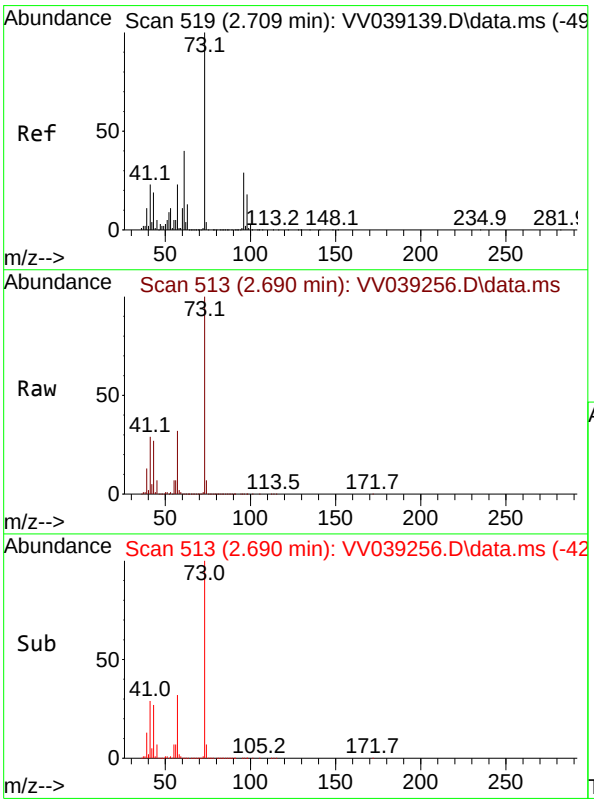
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

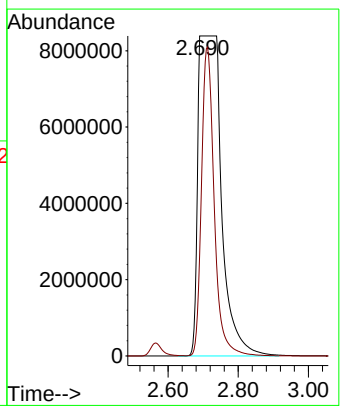
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

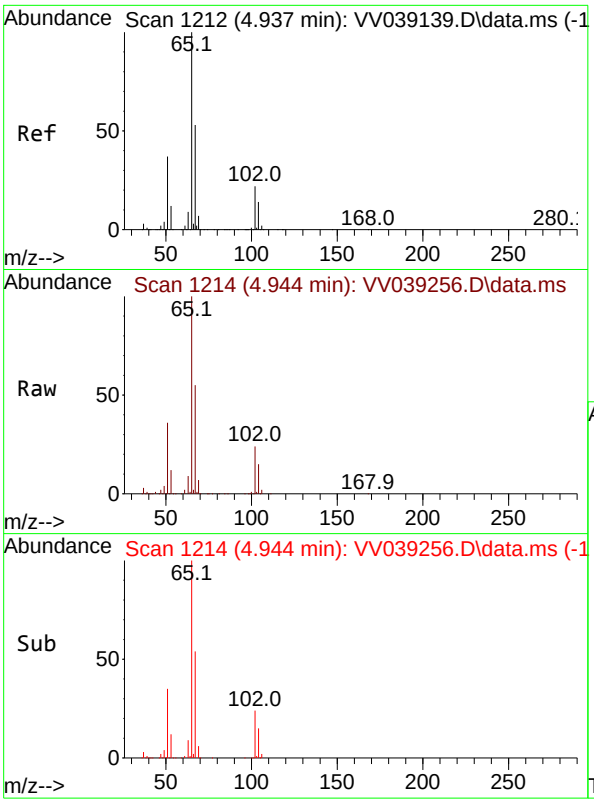


#19
Methyl tert-butyl Ether
Concen: 2407.667 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 73 Resp:39182020

Ion	Ratio	Lower	Upper
73	100		
57	31.6	18.2	27.4#





#33
1,2-Dichloroethane-d4
Concen: 60.304 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

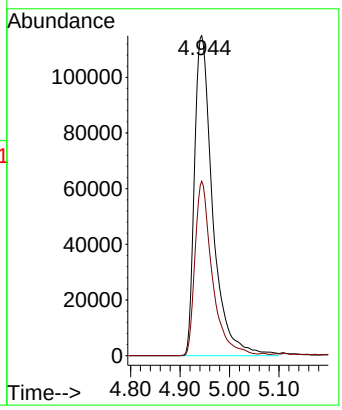
Tgt Ion: 65 Resp: 29563

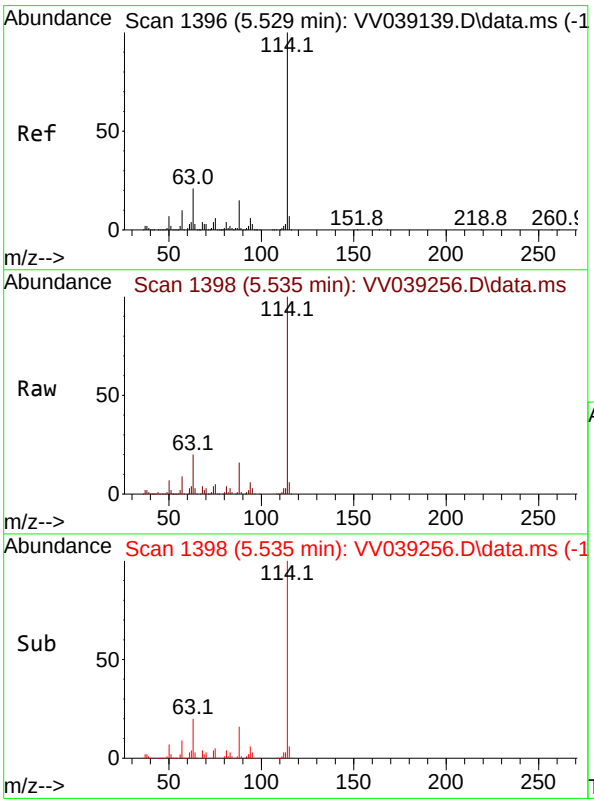
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.0

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

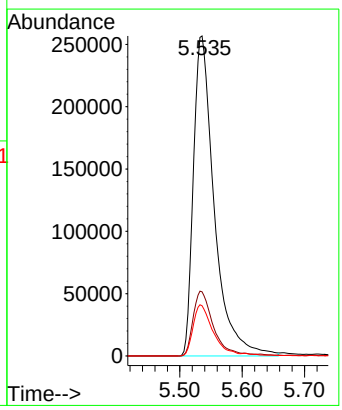


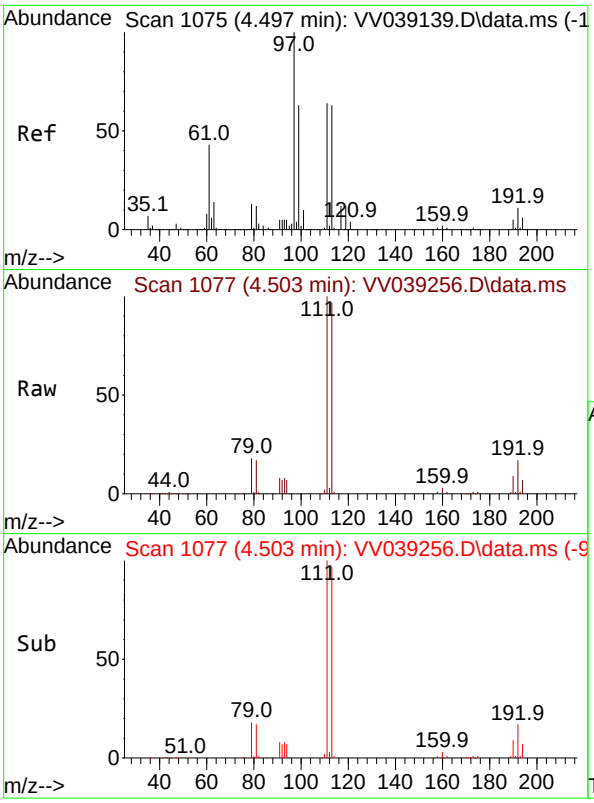


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:114 Resp: 596501

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





#35
Dibromofluoromethane
Concen: 57.622 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

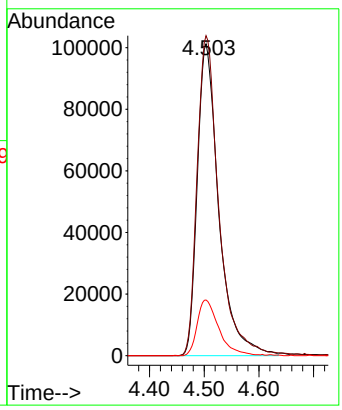
Instrument :
MSVOA_V
ClientSampleId :
MW6

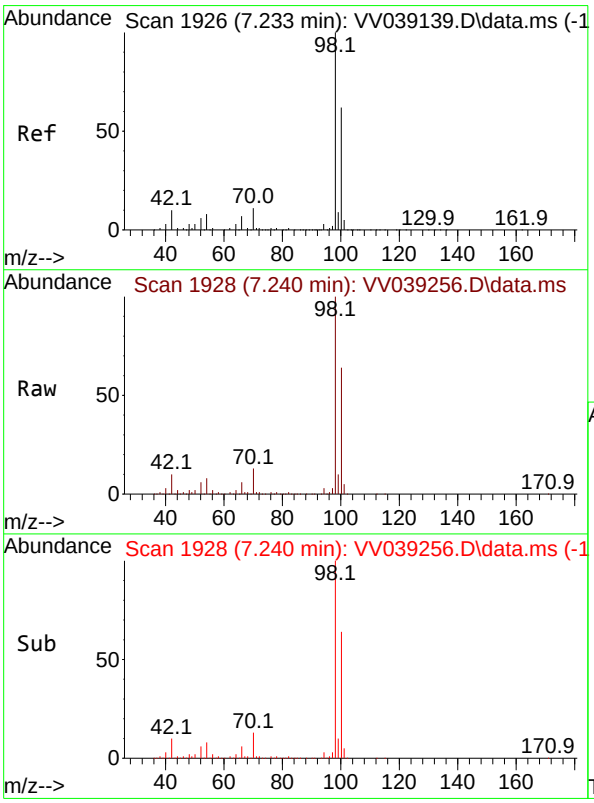
Tgt Ion:113 Resp: 276319

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	18.1	13.8	20.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

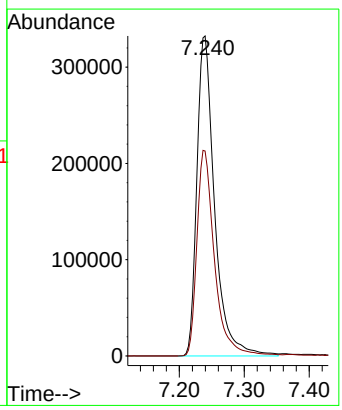




#50
Toluene-d8
Concen: 44.838 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 98 Resp: 631507

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

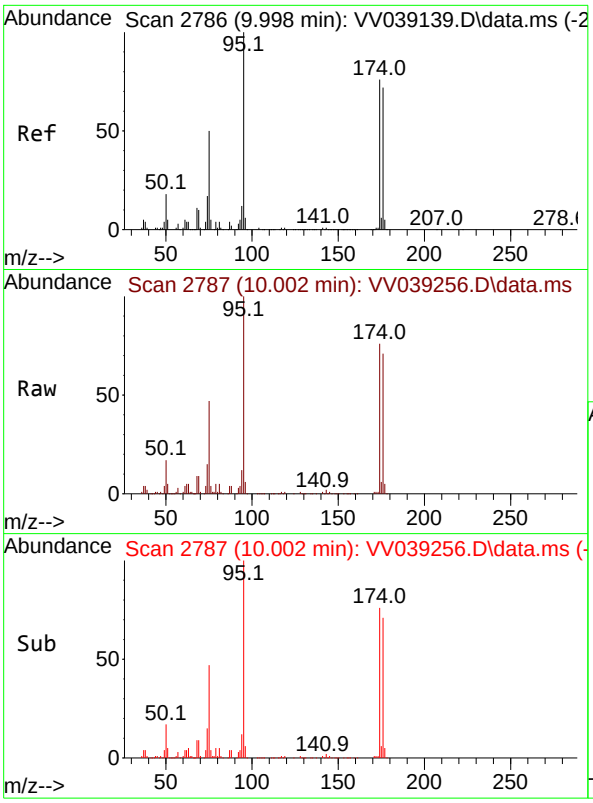


5

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

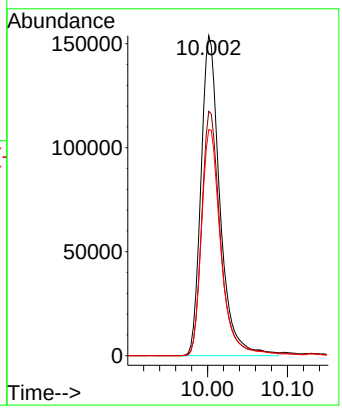
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

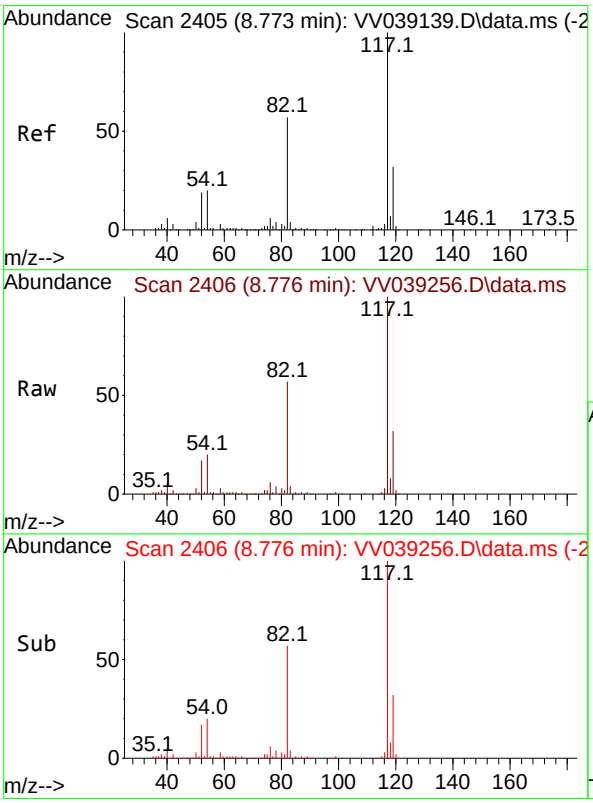


#62
4-Bromofluorobenzene
Concen: 43.781 ug/l
RT: 10.002 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 95 Resp: 25384

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	150.4
176	72.3	0.0	144.2

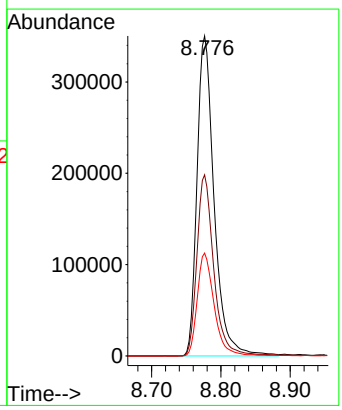


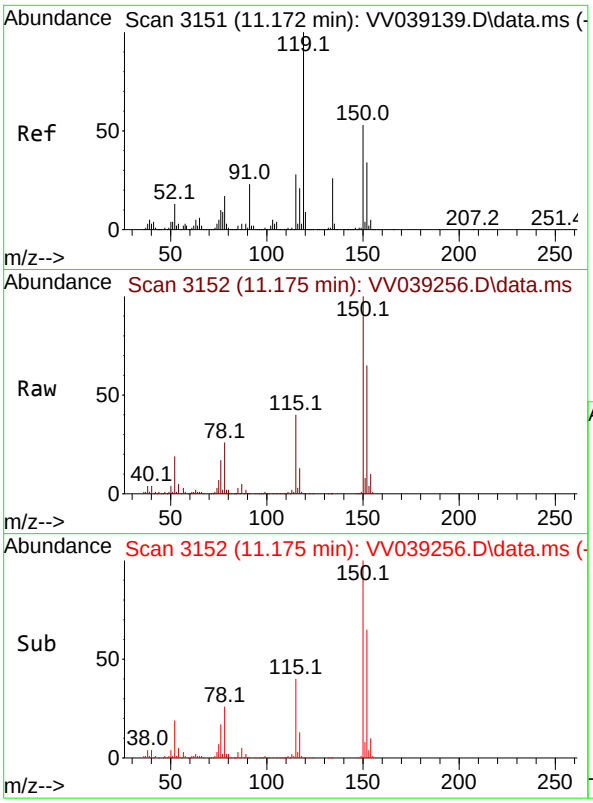


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:117 Resp: 602719

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	32.2	25.6	38.4

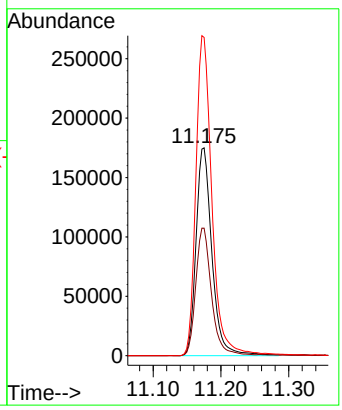




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:152 Resp: 28528

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.8	134.4
150	156.1	0.0	353.8



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039271.D
Acq On : 06 Oct 2025 14:19
Operator : SY/MD
Sample : Q3201-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Quant Time: Oct 07 03:34:39 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

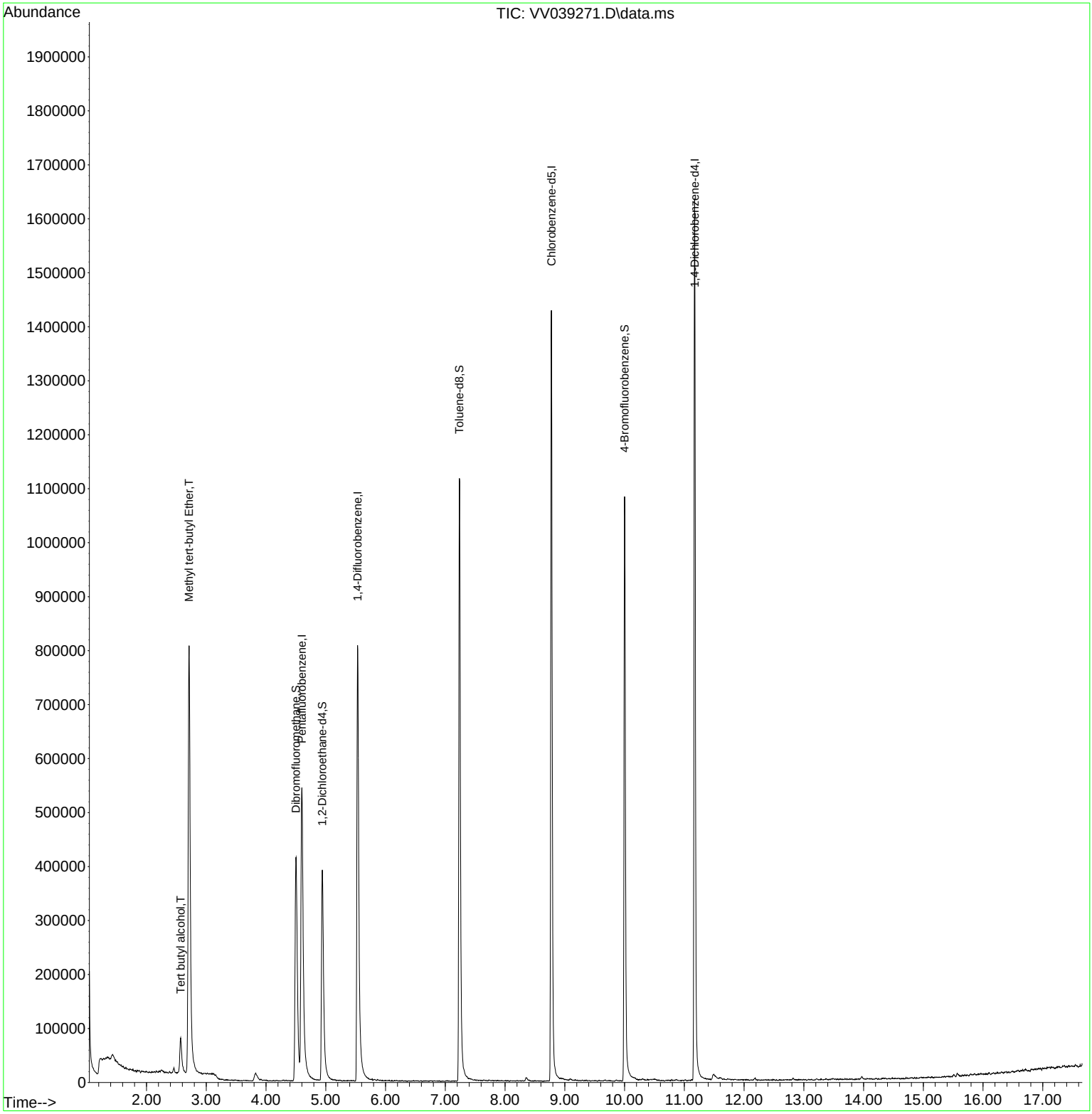
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	477065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	810750	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	821368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	441845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	354921	51.404	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.800%			
35) Dibromofluoromethane	4.503	113	354025	54.317	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 108.640%			
50) Toluene-d8	7.236	98	818283	42.746	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 85.500%#			
62) 4-Bromofluorobenzene	10.001	95	376058	47.720	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 95.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	82225	56.346	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	944490	41.207	ug/l	99

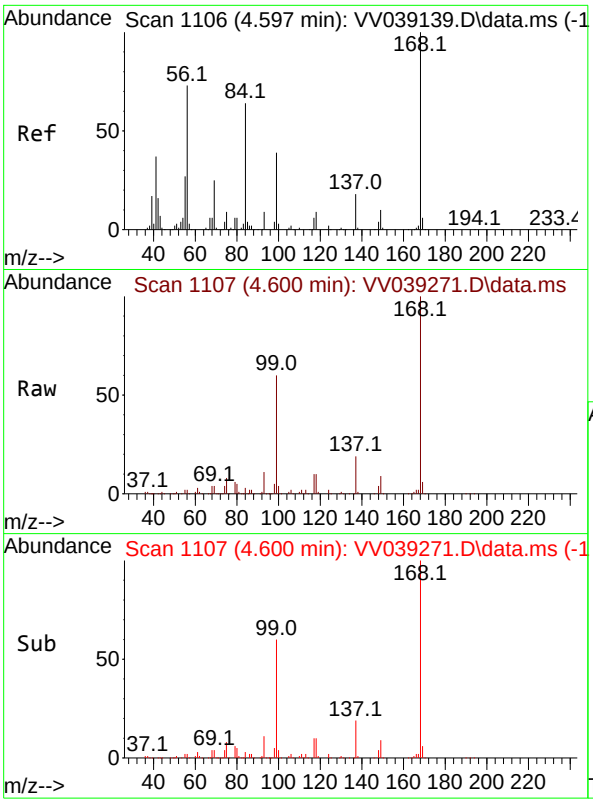
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039271.D
Acq On : 06 Oct 2025 14:19
Operator : SY/MD
Sample : Q3201-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Quant Time: Oct 07 03:34:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



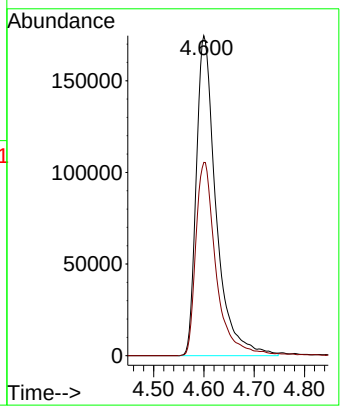


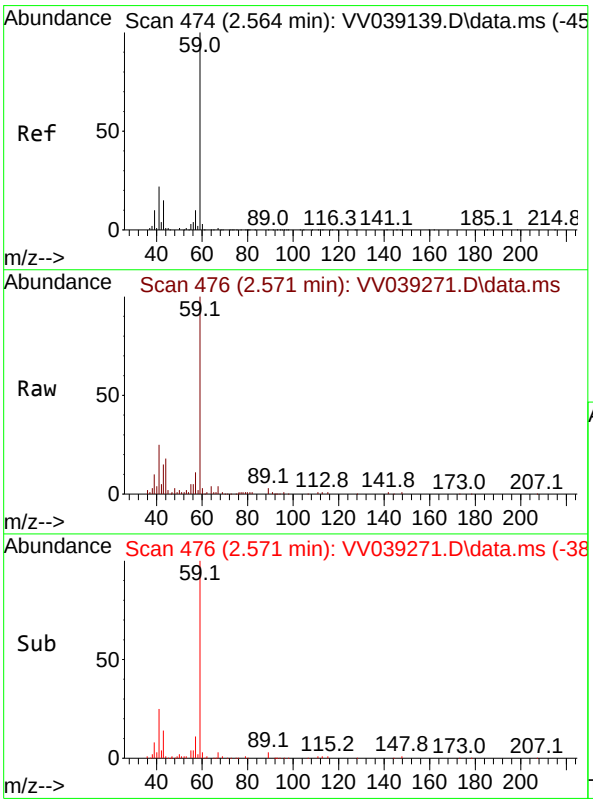
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:168 Resp: 477065

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.6	74.4

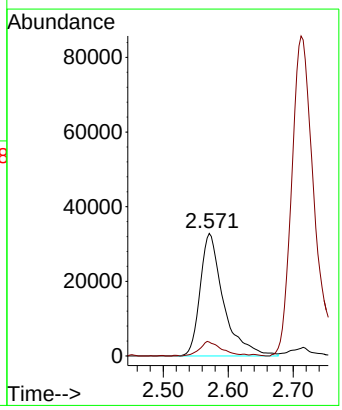


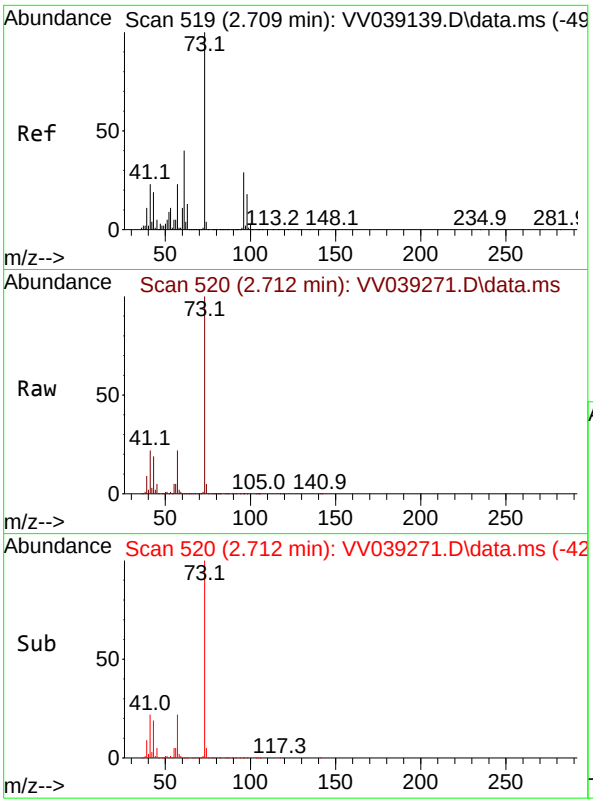


#11
Tert butyl alcohol
Concen: 56.346 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 59 Resp: 82225

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8



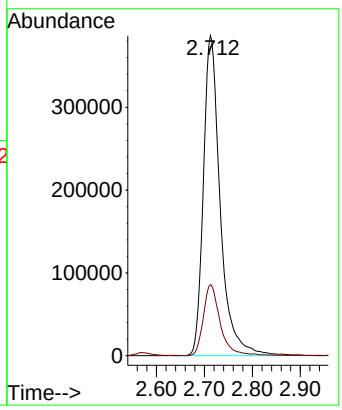


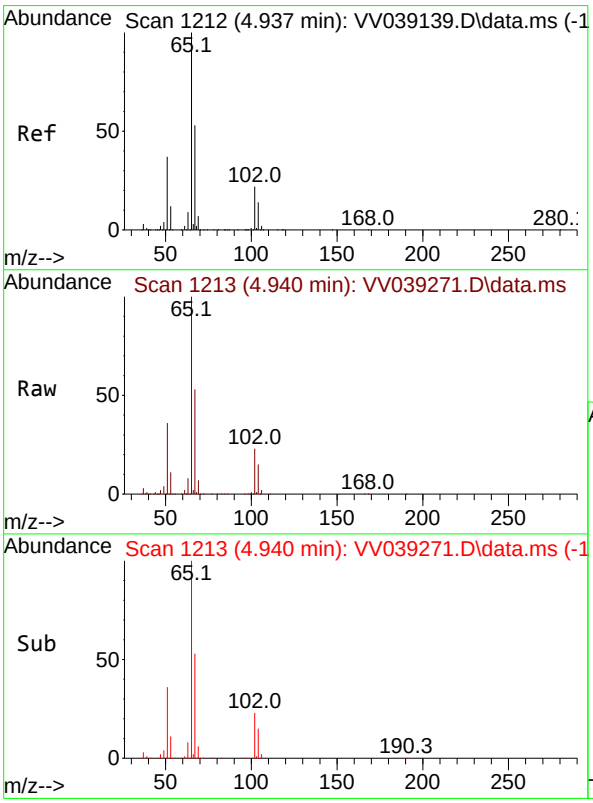
#19
Methyl tert-butyl Ether
Concen: 41.207 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion: 73 Resp: 944490

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

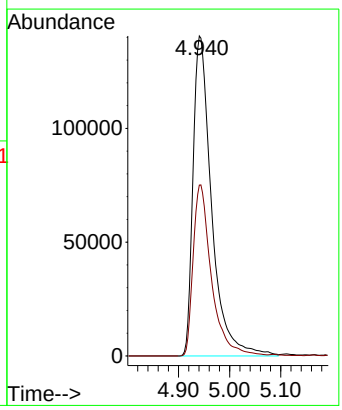


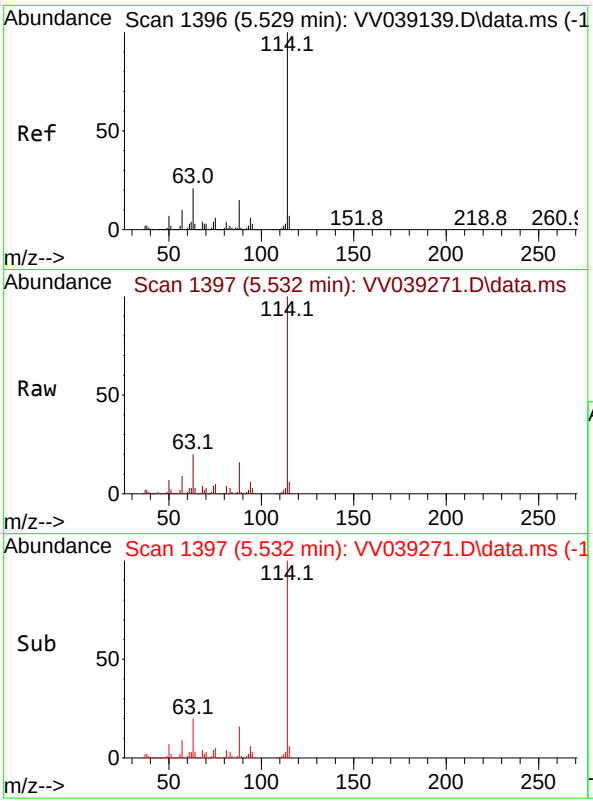


#33
1,2-Dichloroethane-d4
Concen: 51.404 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 65 Resp: 354921

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.0



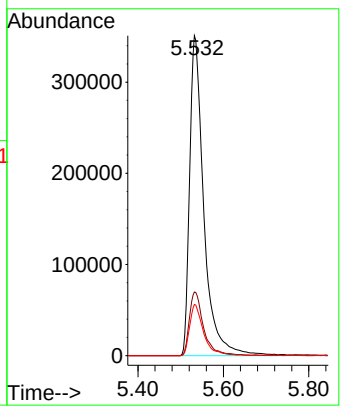


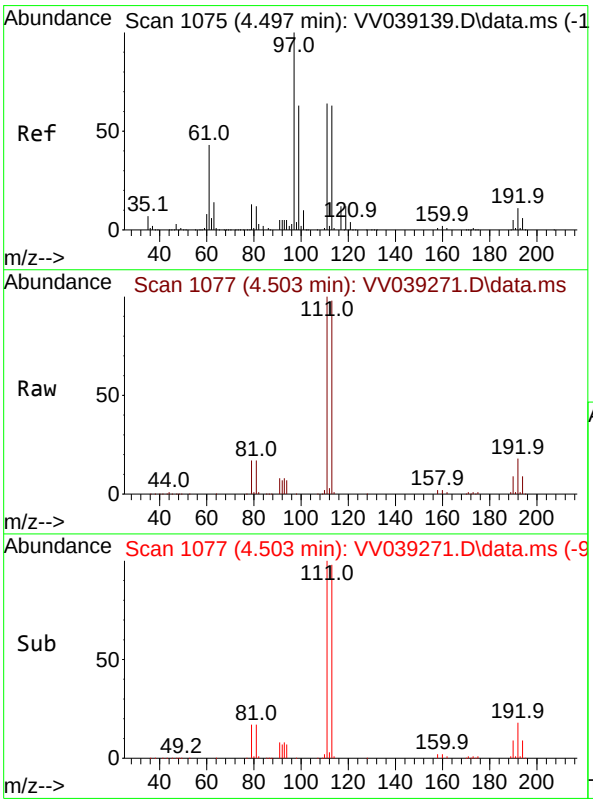
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:114 Resp: 810750

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.0	0.0	30.8

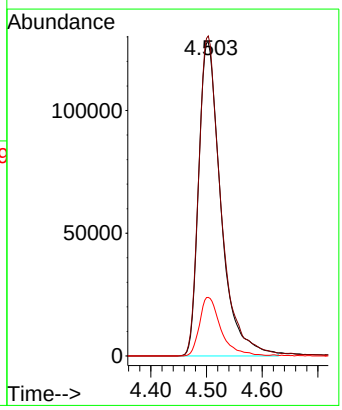




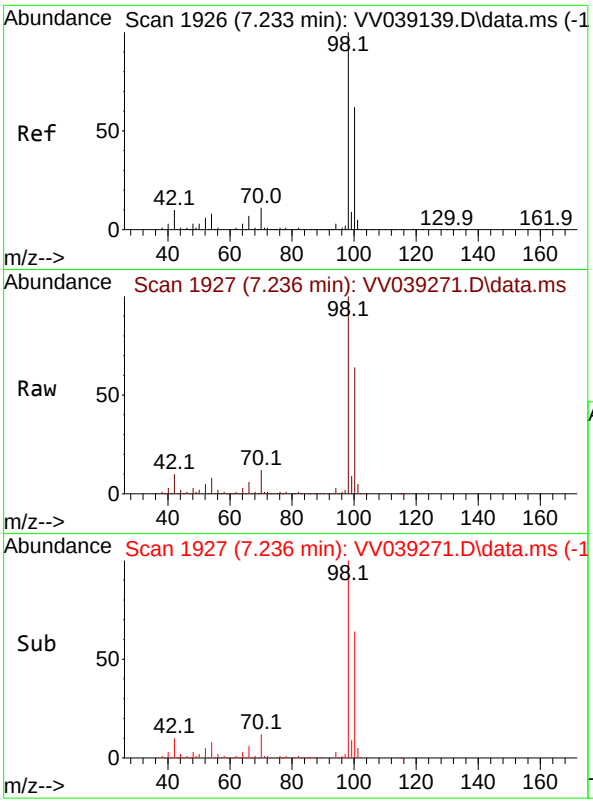
#35
Dibromofluoromethane
Concen: 54.317 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion:113 Resp: 354025

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	18.0	13.8	20.8



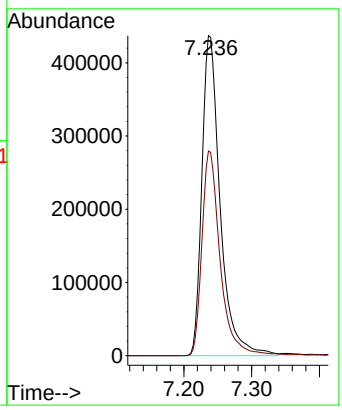
Instrument :
MSVOA_V
ClientSampleId :
MW6DL

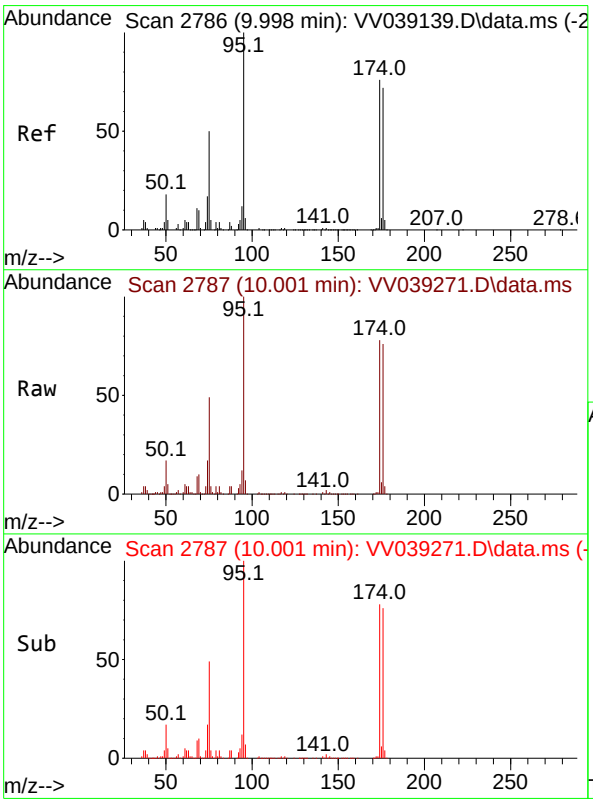


#50
Toluene-d8
Concen: 42.746 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 98 Resp: 818283

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

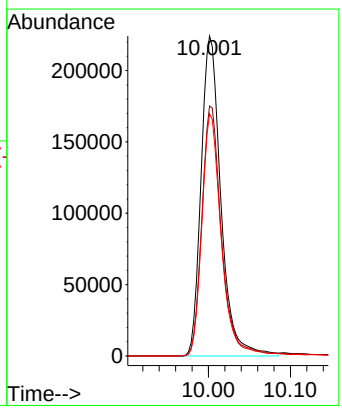


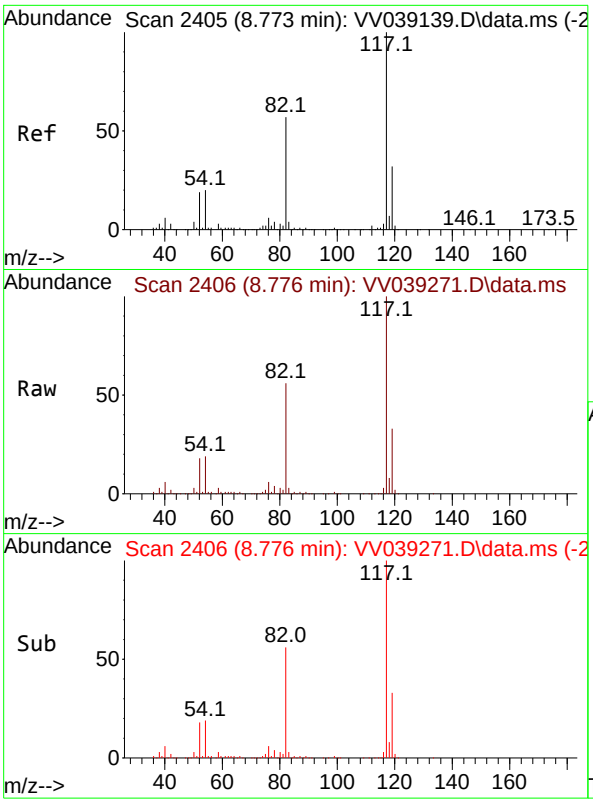


#62
4-Bromofluorobenzene
Concen: 47.720 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 95 Resp: 376058

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	150.4
176	74.1	0.0	144.2



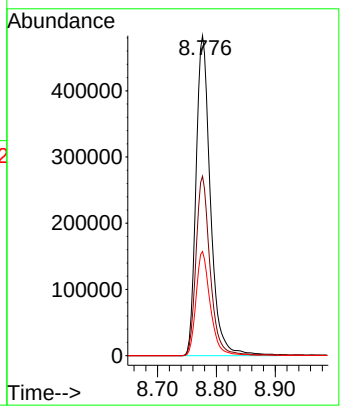


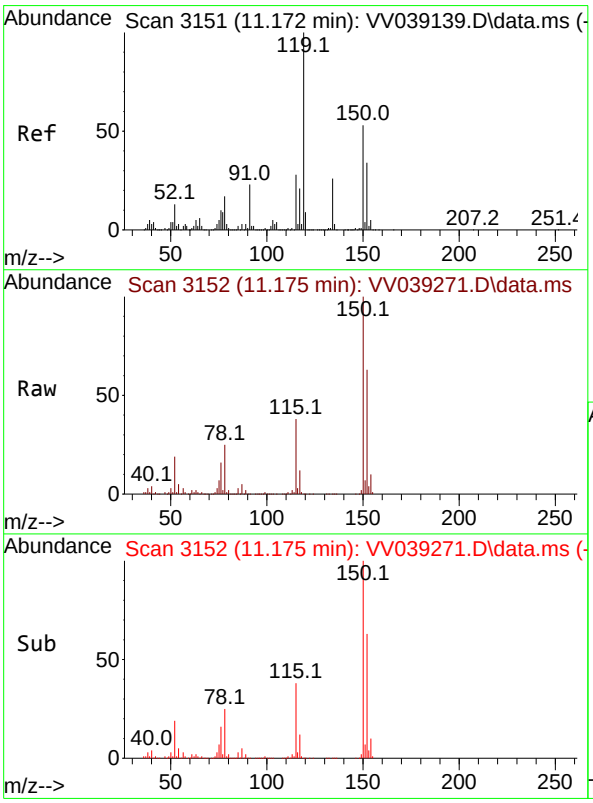
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:117 Resp: 821368

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.2
119	32.6	25.6	38.4

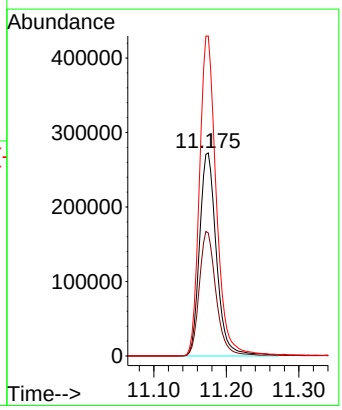




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion:152 Resp: 441845

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.8	134.4
150	156.9	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039257.D
Acq On : 03 Oct 2025 18:04
Operator : SY/MD
Sample : Q3201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 04 01:15:12 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 :
MW14

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	381402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	742495	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	731184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	341647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	332978	60.322	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.640%#			
35) Dibromofluoromethane	4.500	113	316752	53.066	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.140%			
50) Toluene-d8	7.236	98	781078	44.554	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.100%			
62) 4-Bromofluorobenzene	10.001	95	308485	42.744	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 85.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.564	59	6739313	5776.520	ug/l	99
17) Carbon Disulfide	2.262	76	15123	0.860	ug/l #	94
19) Methyl tert-butyl Ether	2.690	73	41998987m	2291.976	ug/l	
40) Benzene	5.011	78	934249	31.791	ug/l	98
73) Isopropylbenzene	9.860	105	14732	0.595	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039257.D
Acq On : 03 Oct 2025 18:04
Operator : SY/MD
Sample : Q3201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 04 01:15:12 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 :
MW14

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
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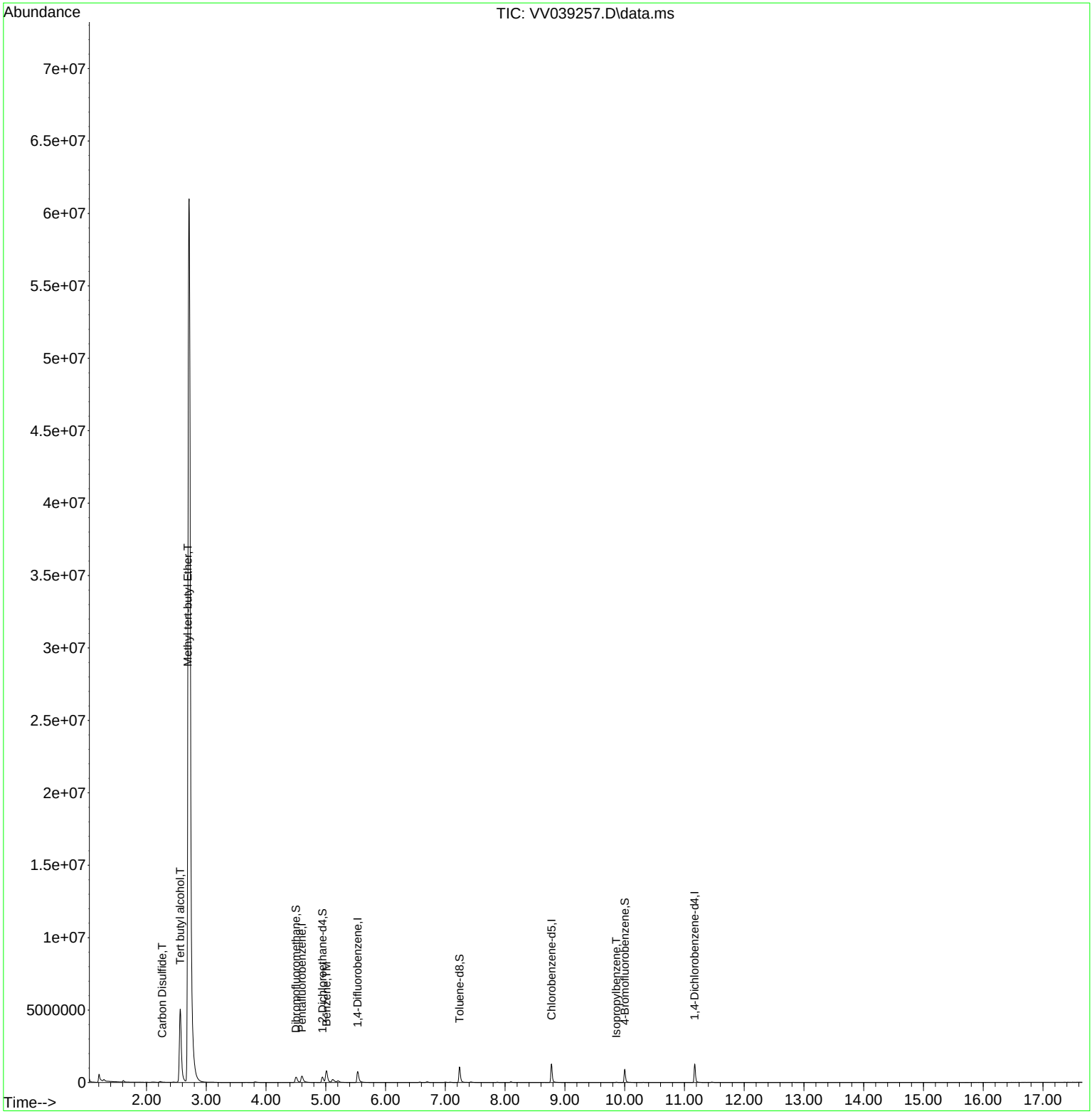
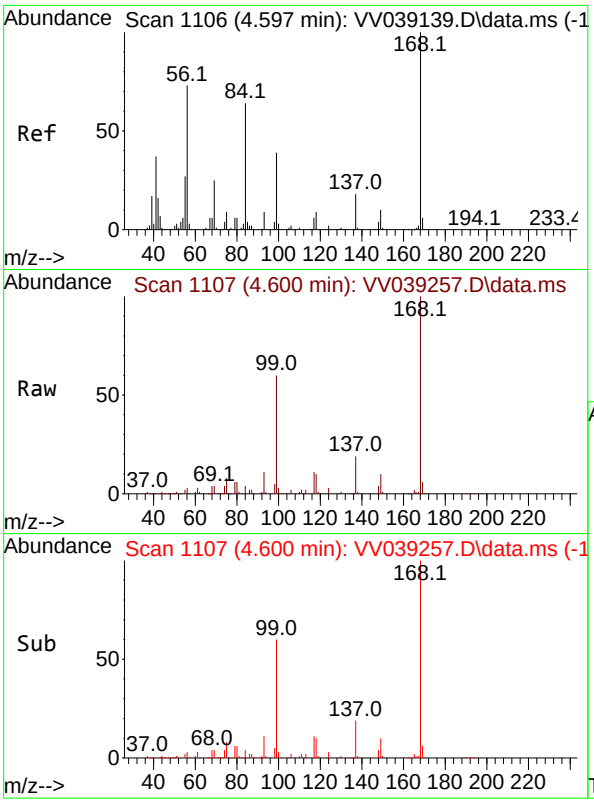
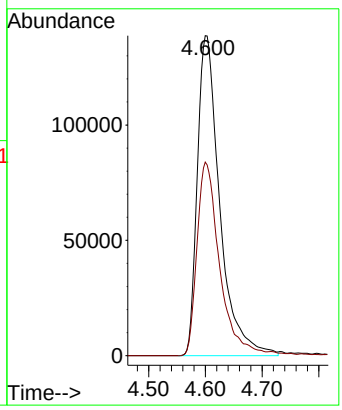




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:168 Resp: 38140

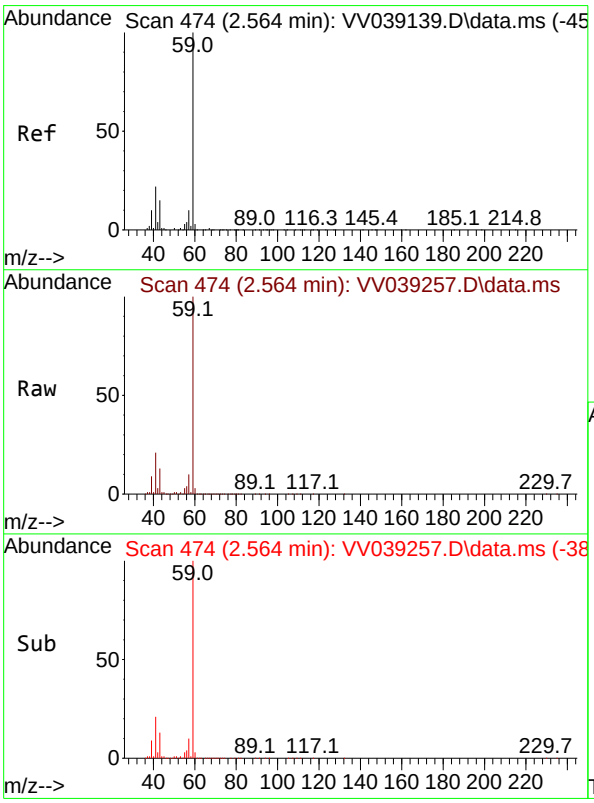
Ion	Ratio	Lower	Upper
168	100		
99	60.5	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

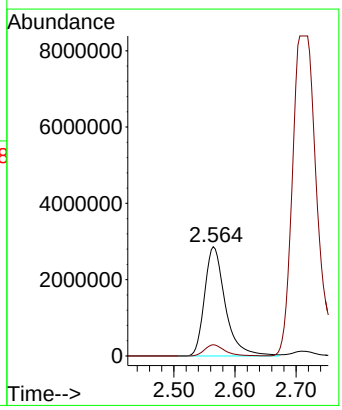
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

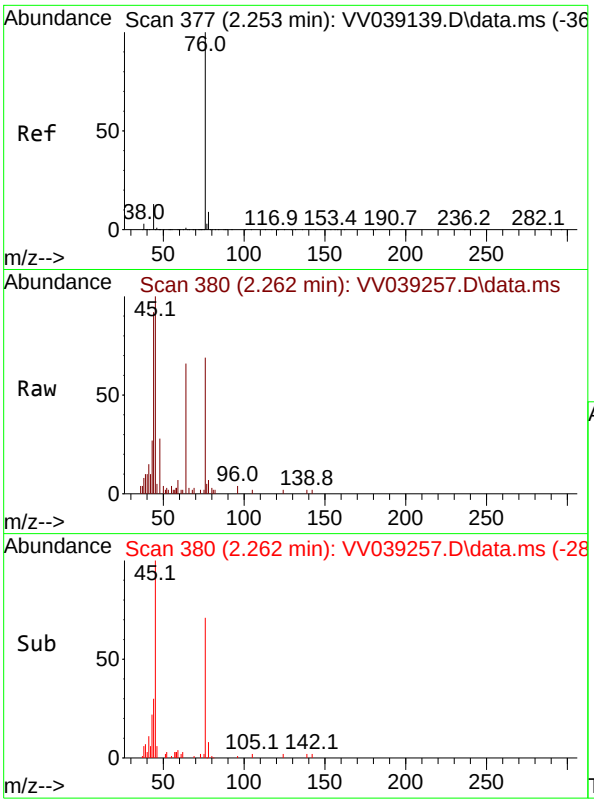


#11
Tert butyl alcohol
Concen: 5776.520 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.000 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 59 Resp: 6739313

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8





#17
Carbon Disulfide
Concen: 0.860 ug/l
RT: 2.262 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 76 Resp: 1512

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.4	11.0#

Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
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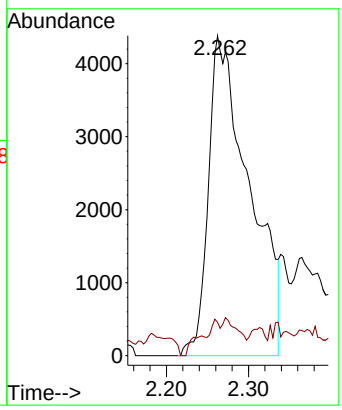
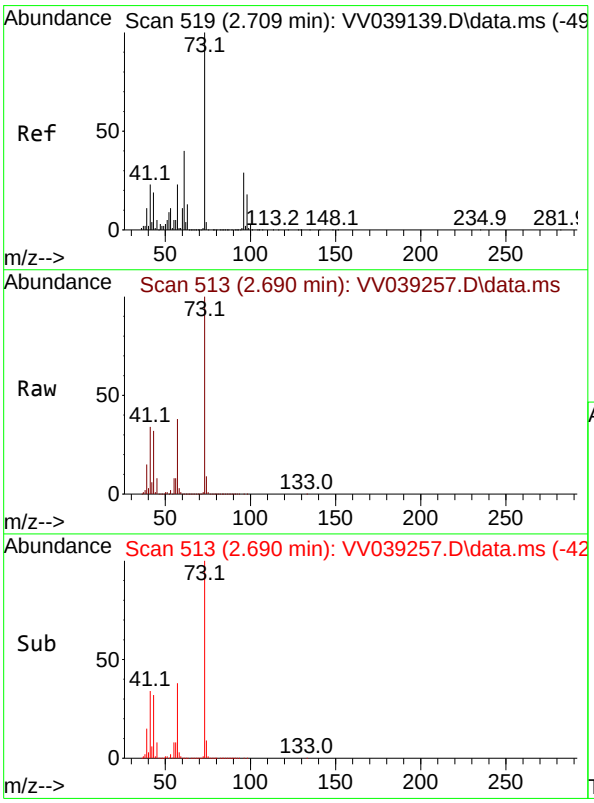
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

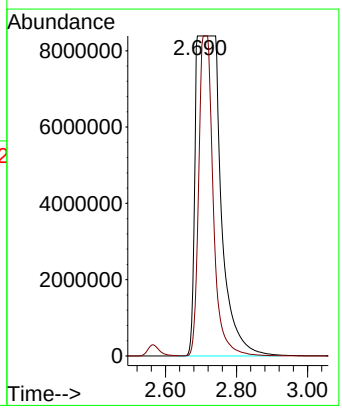


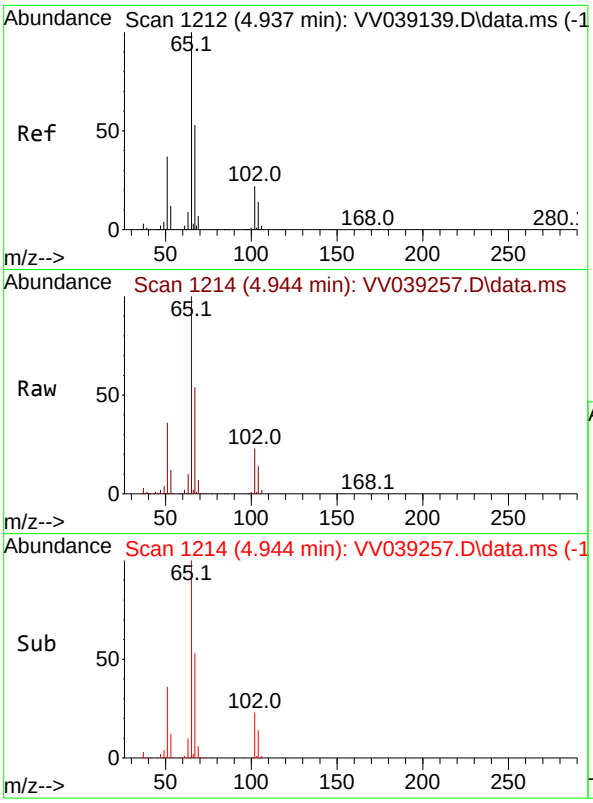


#19
Methyl tert-butyl Ether
Concen: 2291.976 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 73 Resp:41998987

Ion	Ratio	Lower	Upper
73	100		
57	37.6	18.2	27.4#





#33
1,2-Dichloroethane-d4
Concen: 60.322 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

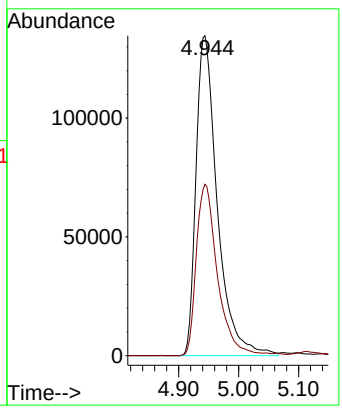
Tgt Ion: 65 Resp: 33297

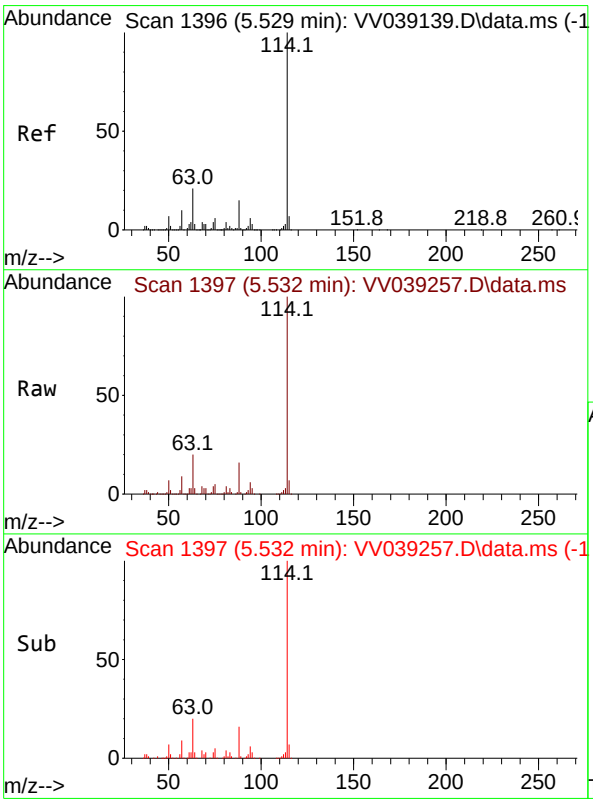
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.0

Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

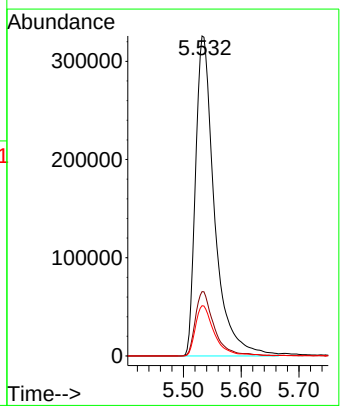


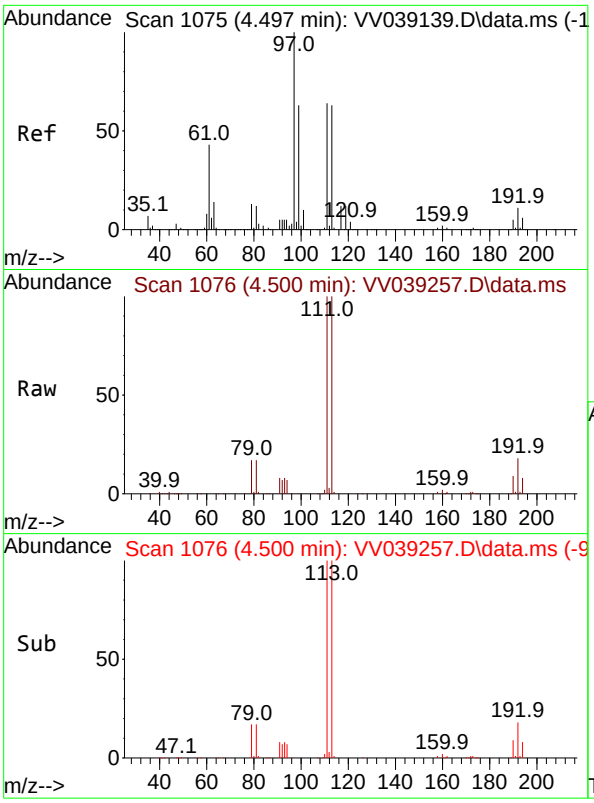


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:114 Resp: 742495

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

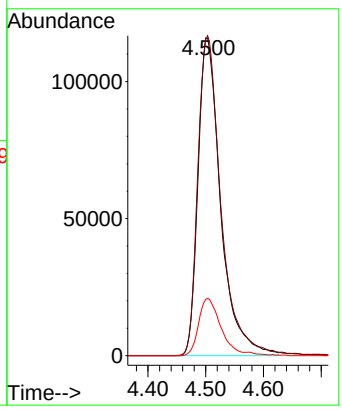




#35
Dibromofluoromethane
Concen: 53.066 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:113 Resp: 31675

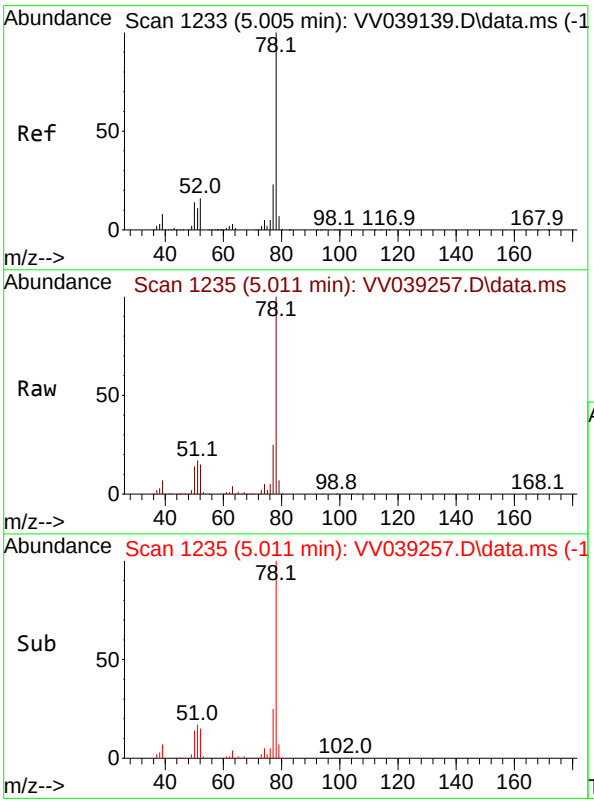
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	17.4	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

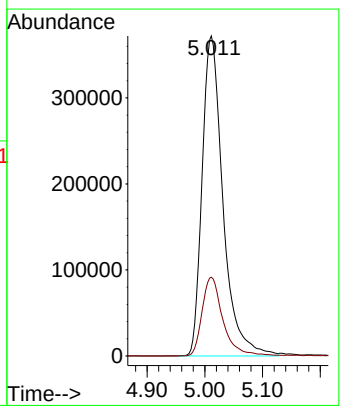
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

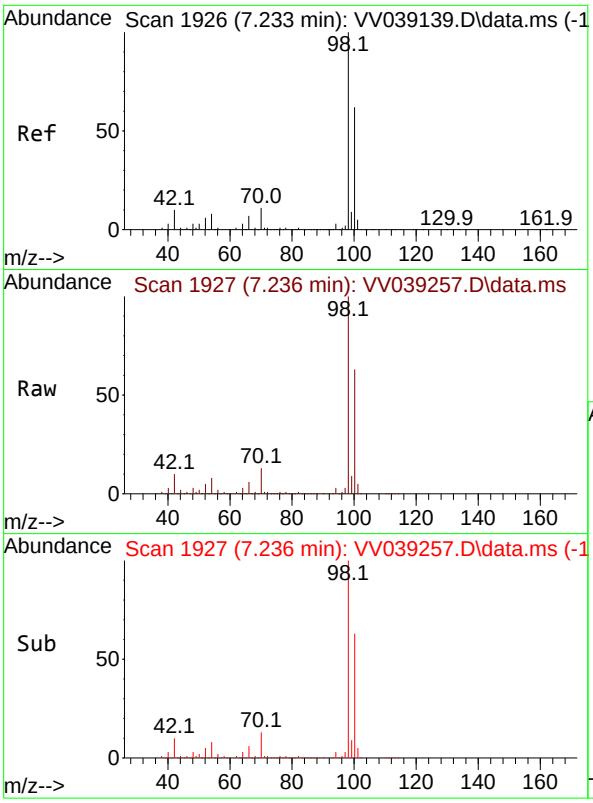


#40
Benzene
Concen: 31.791 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 78 Resp: 934249

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1

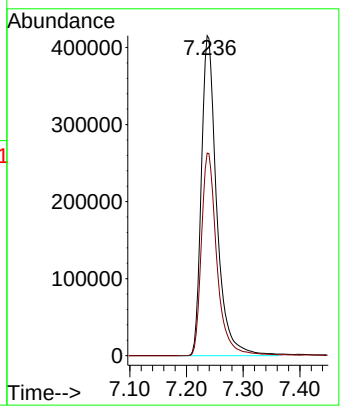




#50
Toluene-d8
Concen: 44.554 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 98 Resp: 78107

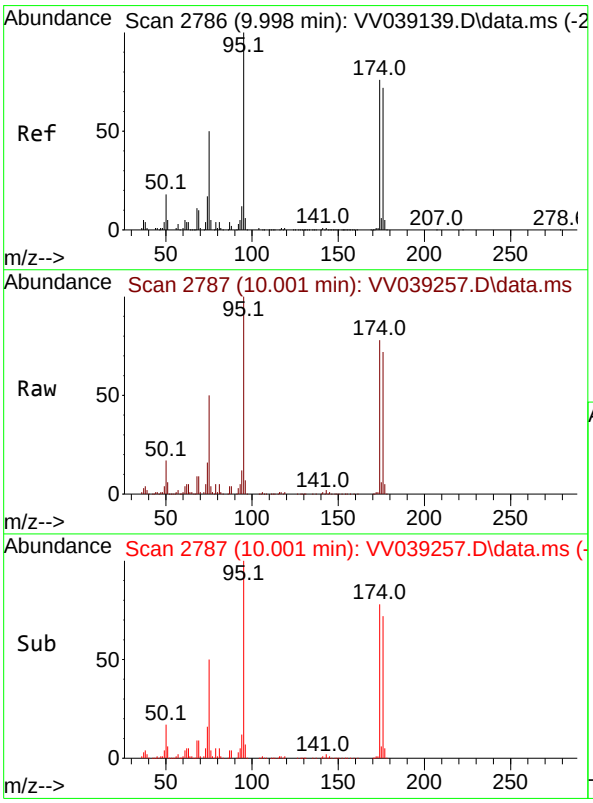
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

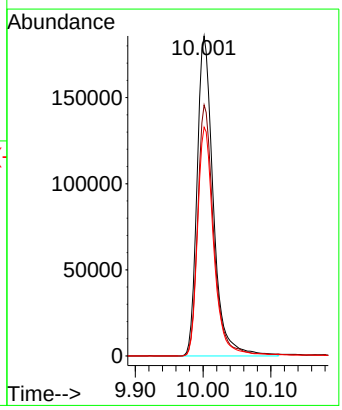
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

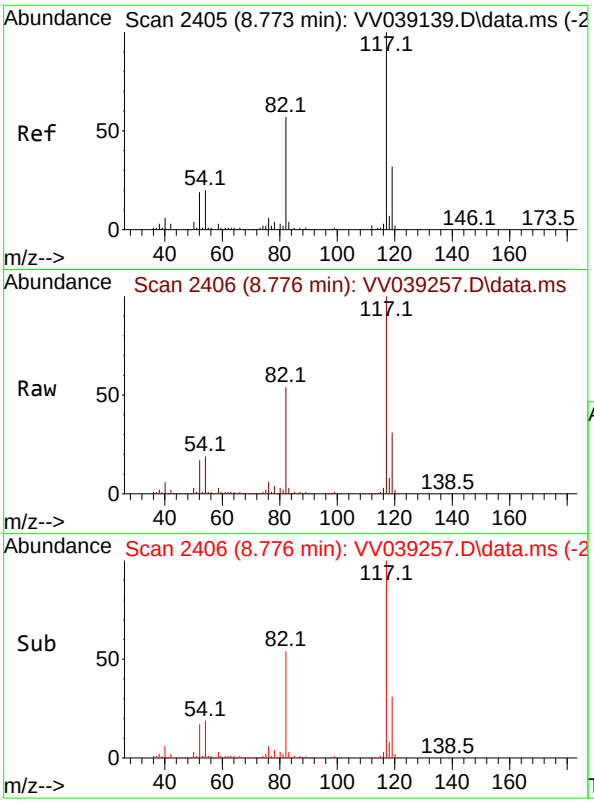


#62
4-Bromofluorobenzene
Concen: 42.744 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 95 Resp: 308485

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	150.4
176	71.2	0.0	144.2

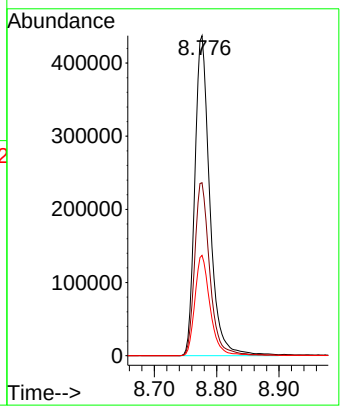




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:117 Resp: 73118

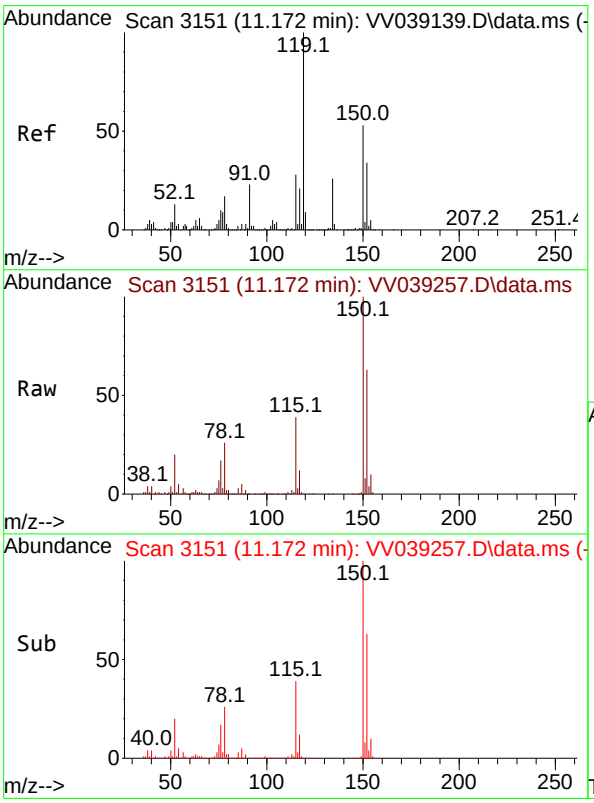
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	31.4	25.6	38.4



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

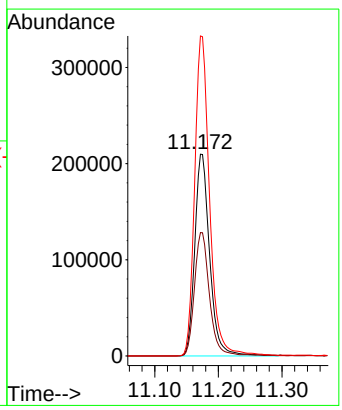
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

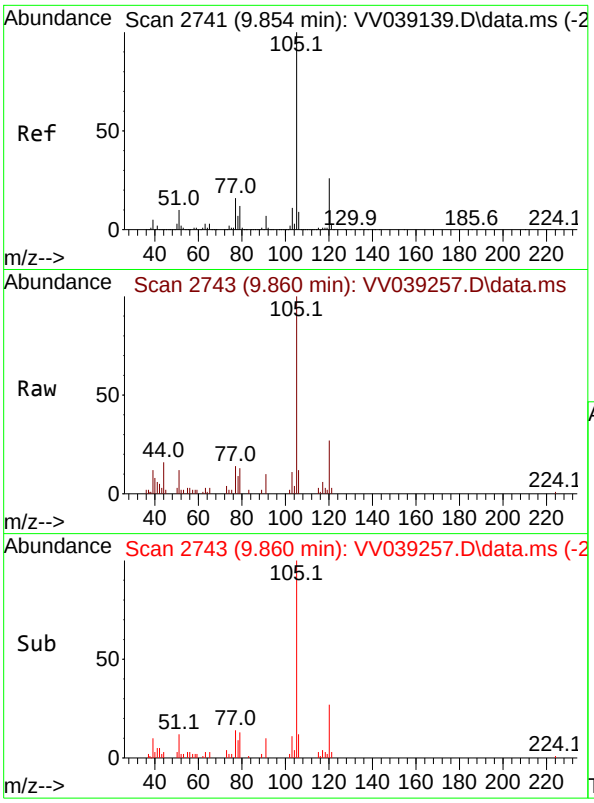


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:152 Resp: 341647

Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.8	134.4
150	158.6	0.0	353.8

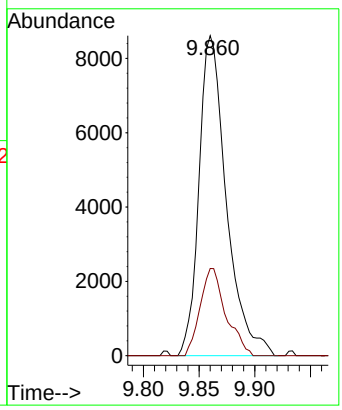




#73
Isopropylbenzene
Concen: 0.595 ug/l
RT: 9.860 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:105 Resp: 1473

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039272.D
Acq On : 06 Oct 2025 14:41
Operator : SY/MD
Sample : Q3201-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 07 03:35:06 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 :
MW14DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	444773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	756536	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	417747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	336432	52.264	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.520%			
35) Dibromofluoromethane	4.503	113	336925	55.398	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 110.800%			
50) Toluene-d8	7.239	98	758388	42.456	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 84.920%#			
62) 4-Bromofluorobenzene	10.001	95	353438	48.063	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	77290	56.809	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1259798	58.954	ug/l	99
40) Benzene	5.030	78	8548m	0.285	ug/l	

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

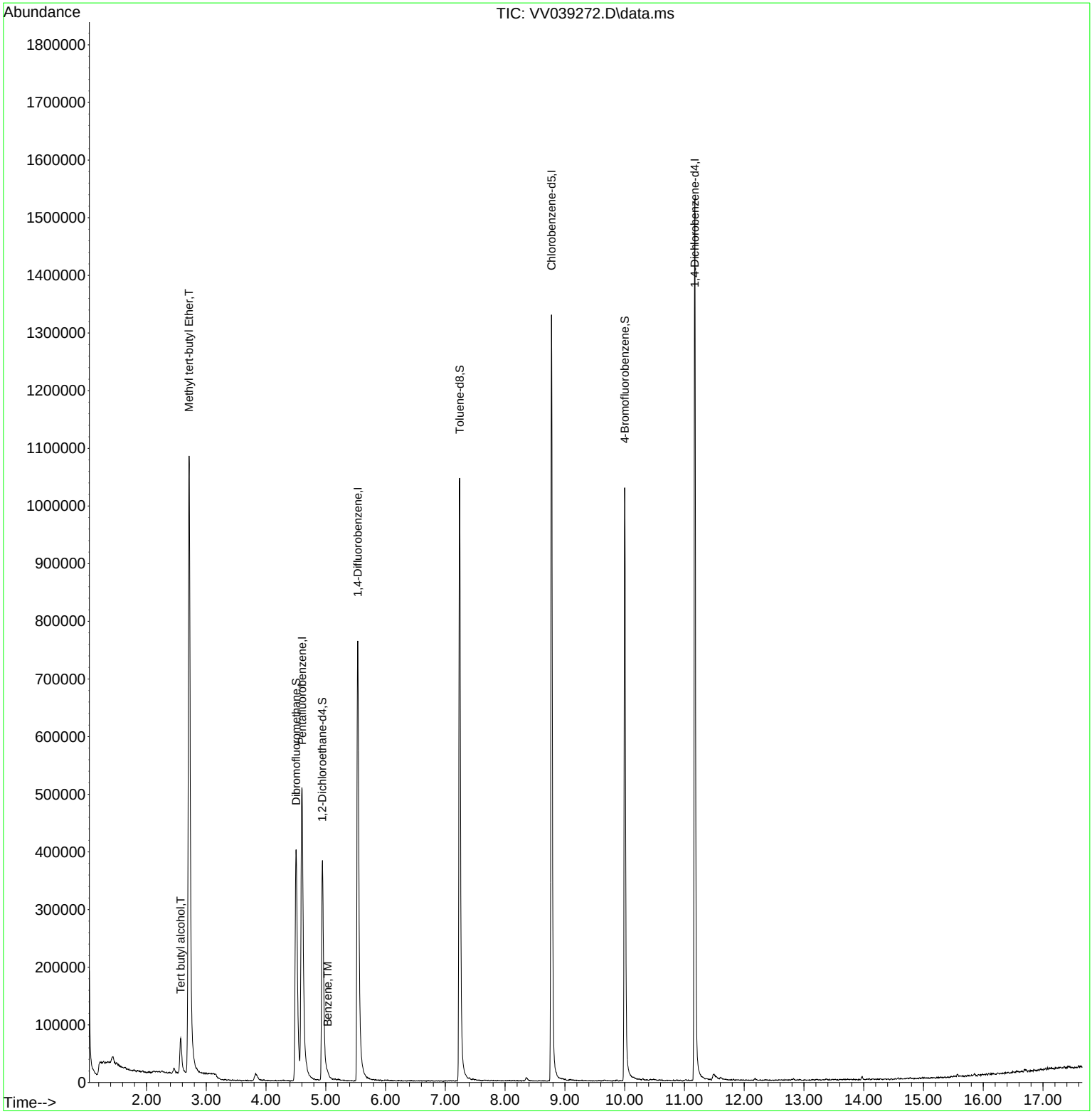
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039272.D
Acq On : 06 Oct 2025 14:41
Operator : SY/MD
Sample : Q3201-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

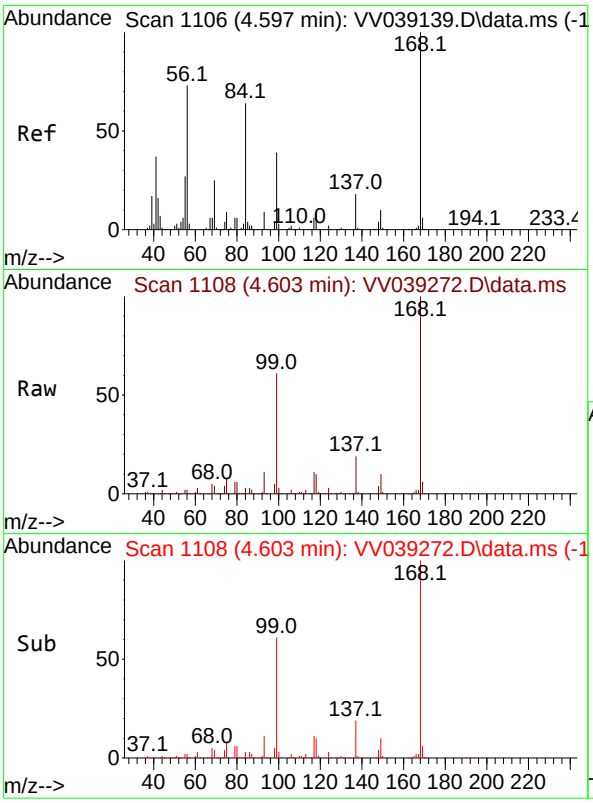
Quant Time: Oct 07 03:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

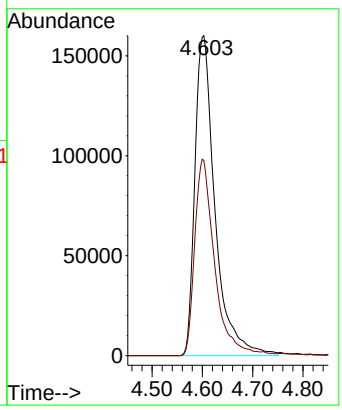




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:168 Resp: 44477

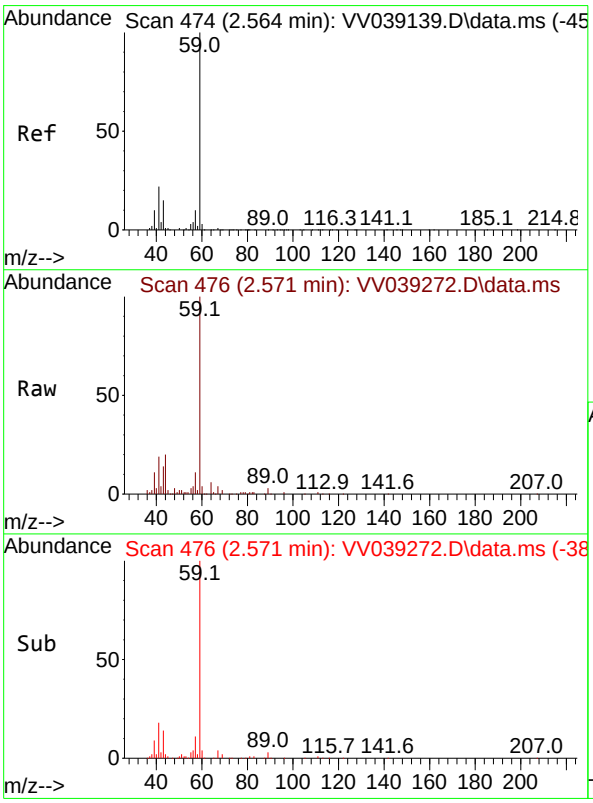
Ion	Ratio	Lower	Upper
168	100		
99	61.0	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

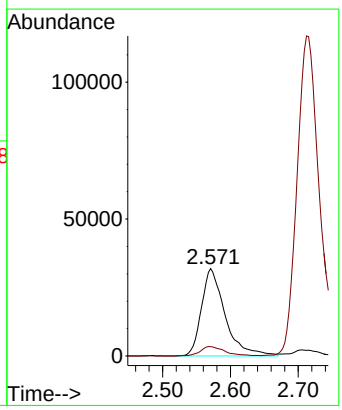
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

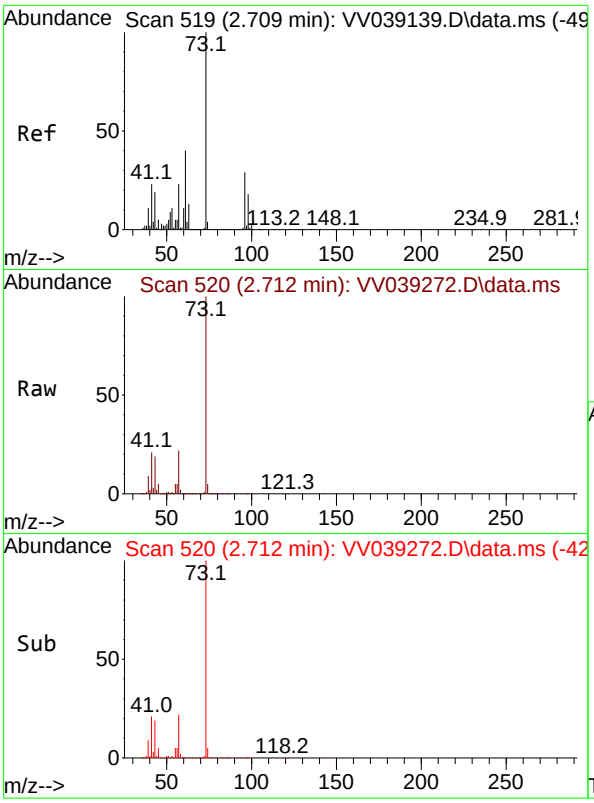


#11
Tert butyl alcohol
Concen: 56.809 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 59 Resp: 77290

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.8





#19
Methyl tert-butyl Ether
Concen: 58.954 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

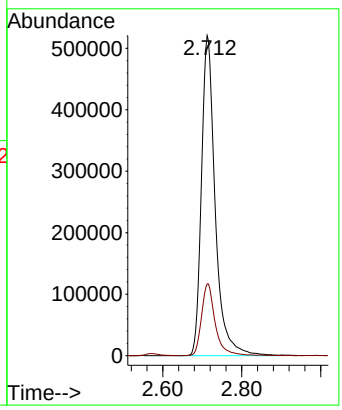
Tgt Ion: 73 Resp: 125979

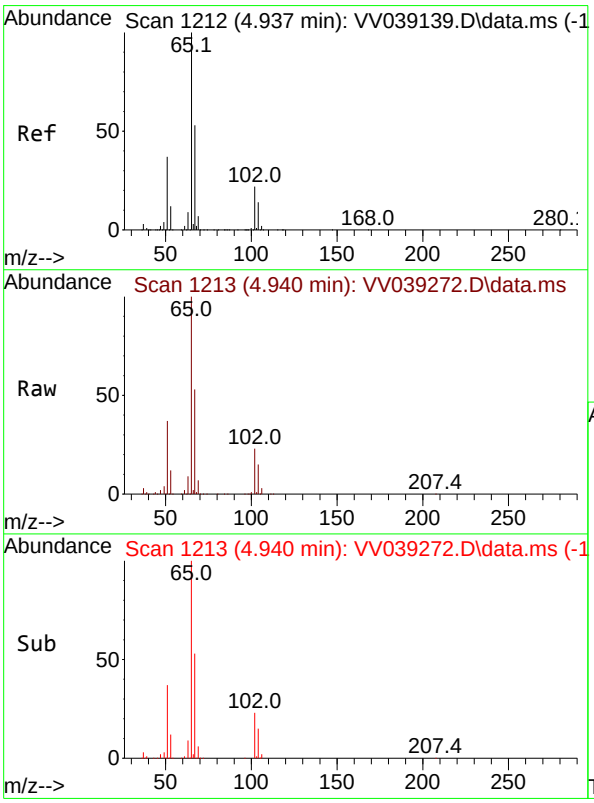
Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

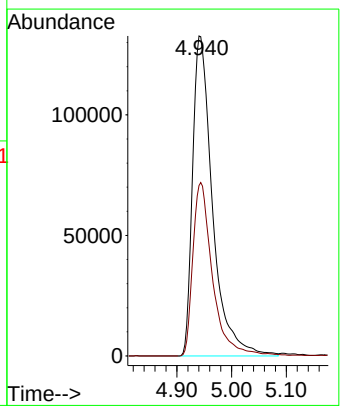


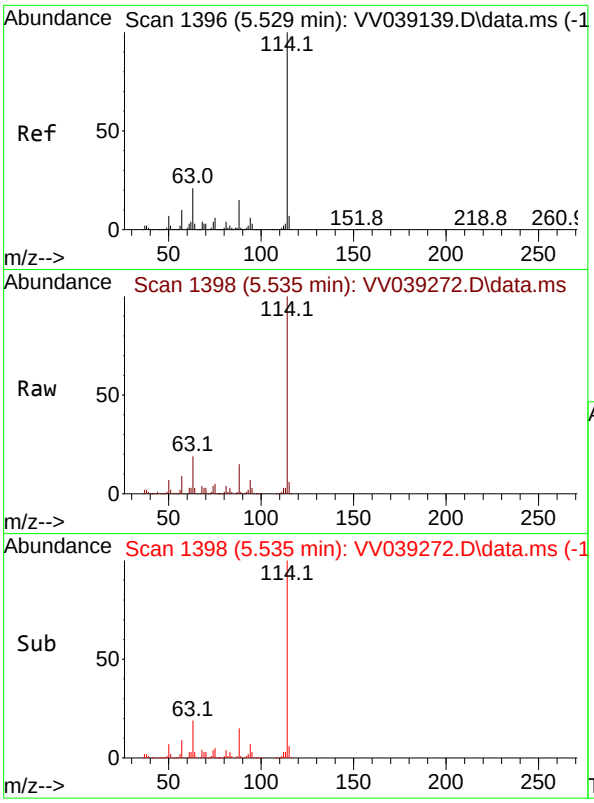


#33
1,2-Dichloroethane-d4
Concen: 52.264 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 65 Resp: 336432

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

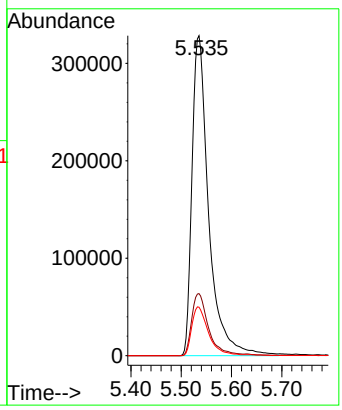
Tgt Ion:114 Resp: 75653

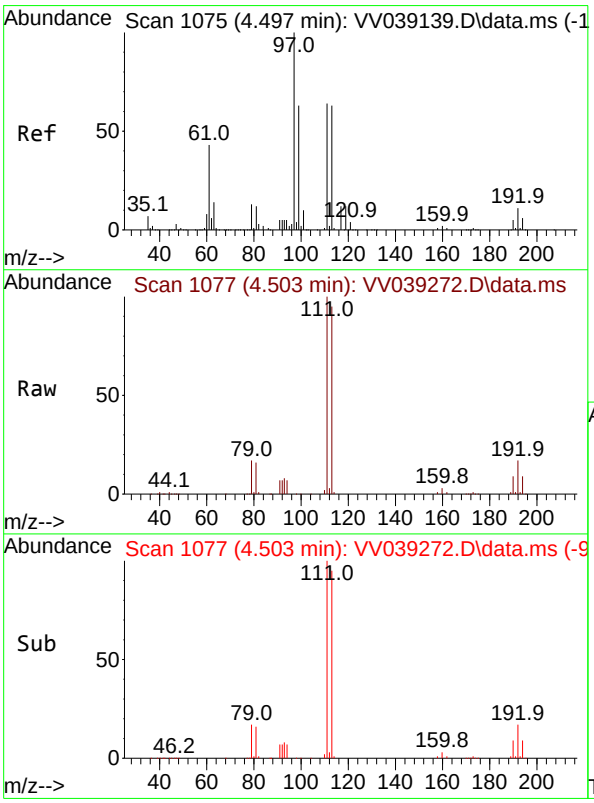
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	15.2	0.0	30.8

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

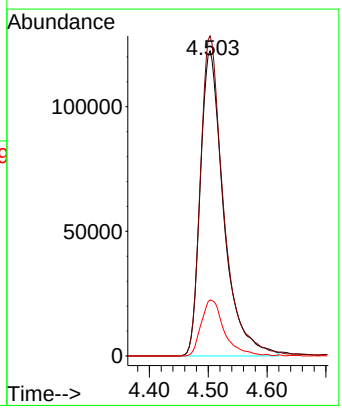


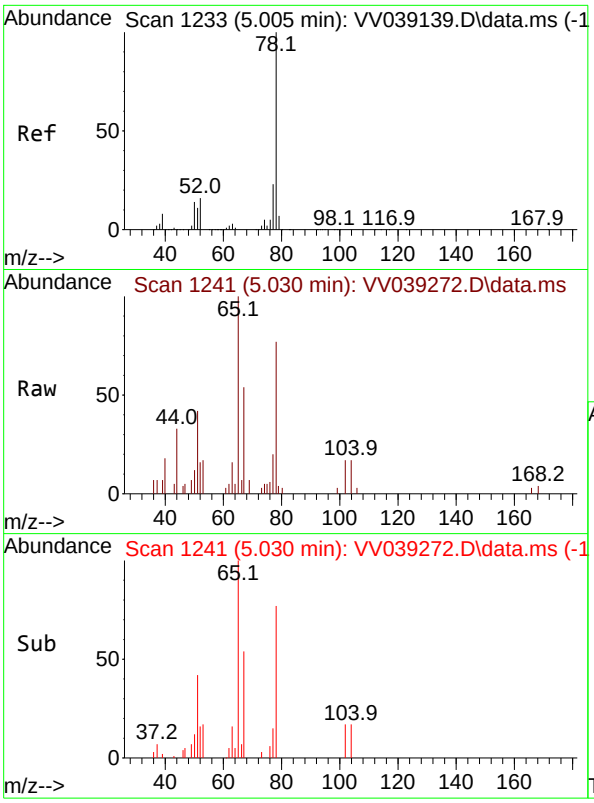


#35
Dibromofluoromethane
Concen: 55.398 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:113 Resp: 336925

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	18.1	13.8	20.8

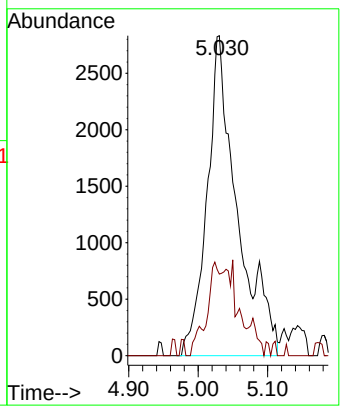




#40
Benzene
Concen: 0.285 ug/l m
RT: 5.030 min Scan# 1
Delta R.T. 0.025 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 78 Resp: 854

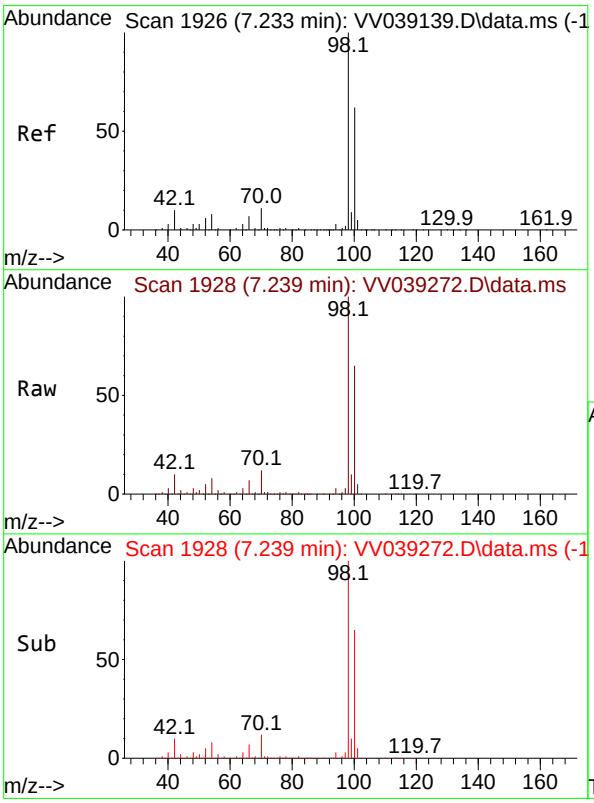
Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.7	28.1



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

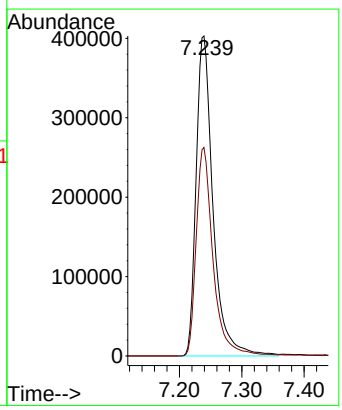
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

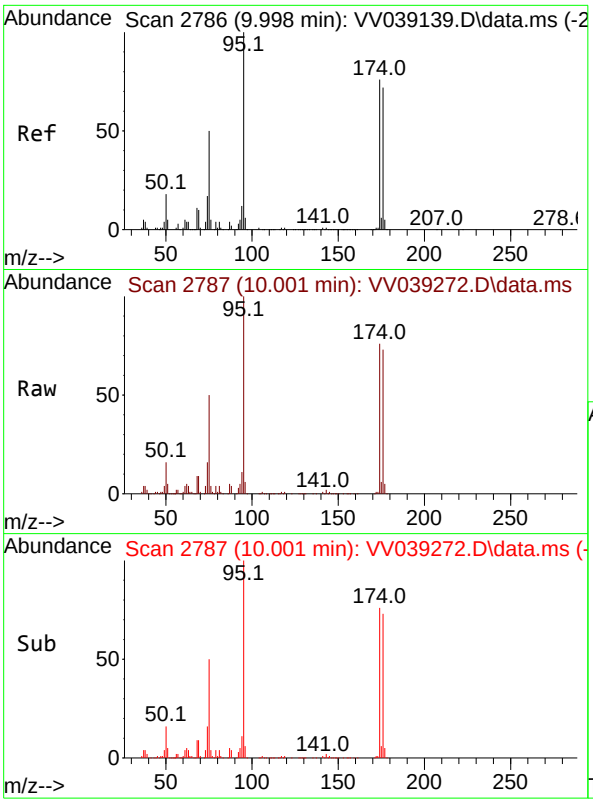


#50
Toluene-d8
Concen: 42.456 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 98 Resp: 758388

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

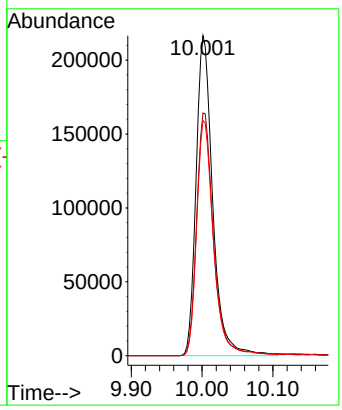
Tgt Ion: 95 Resp: 35343

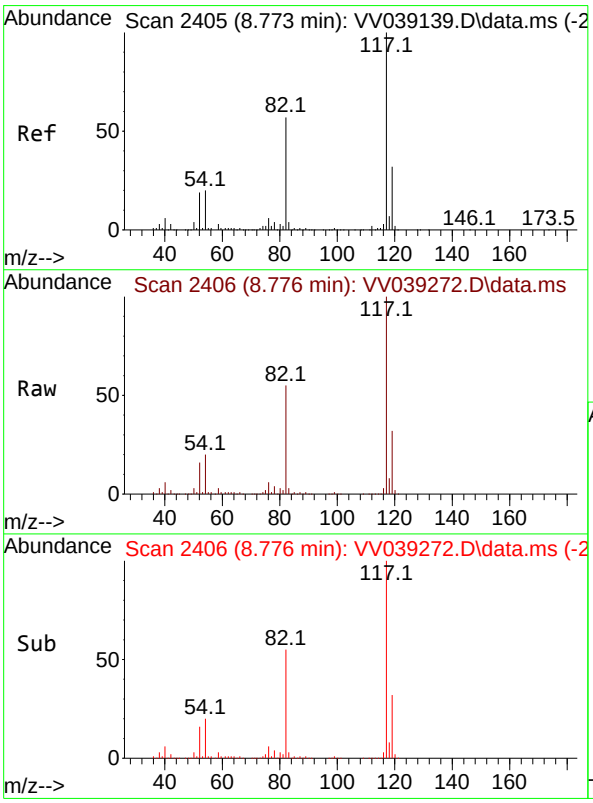
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	74.3	0.0	144.2

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

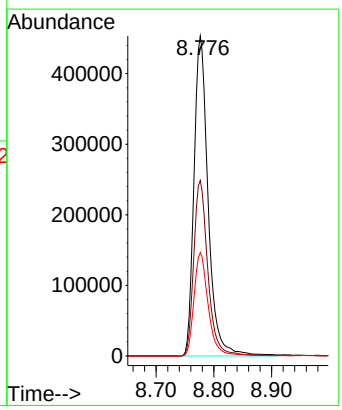


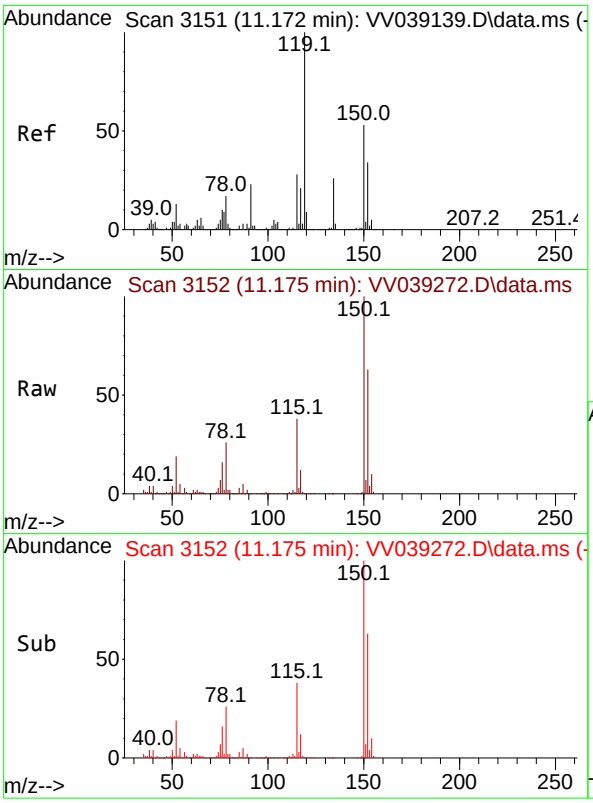


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:117 Resp: 773912

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.2
119	32.3	25.6	38.4

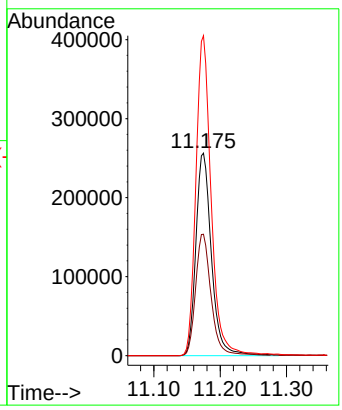




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:152 Resp: 41774

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.8	134.4
150	154.1	0.0	353.8



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048021.D
Acq On : 06 Oct 2025 14:07
Operator : JC/MD
Sample : Q3201-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW15

Quant Time: Oct 07 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

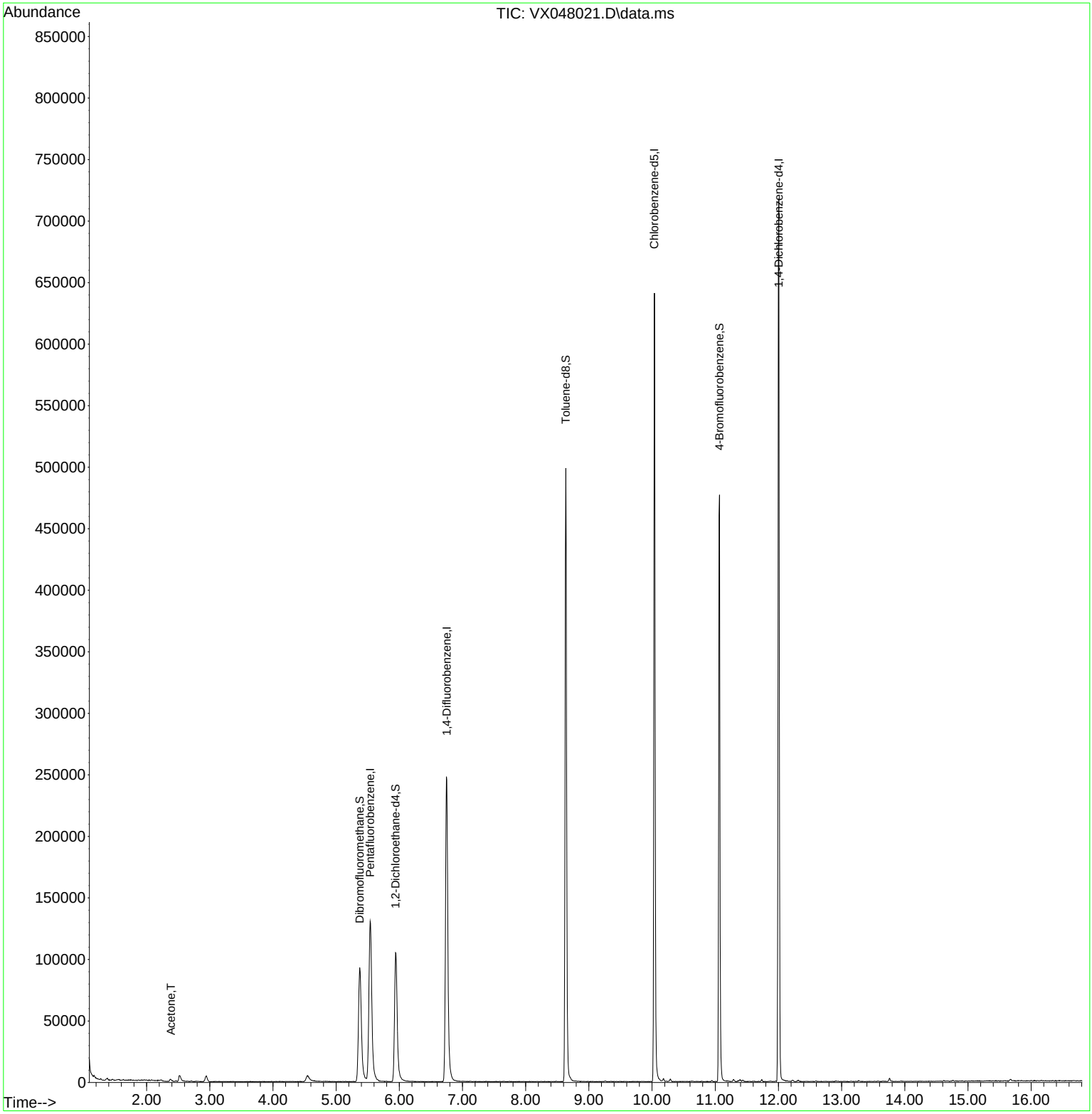
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	134028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	273148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114515	53.678	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.360%			
35) Dibromofluoromethane	5.373	113	91472	49.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.635	98	313165	49.405	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.067	95	139428	57.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.920%			
Target Compounds						Qvalue
16) Acetone	2.386	43	2563	2.763	ug/l #	68

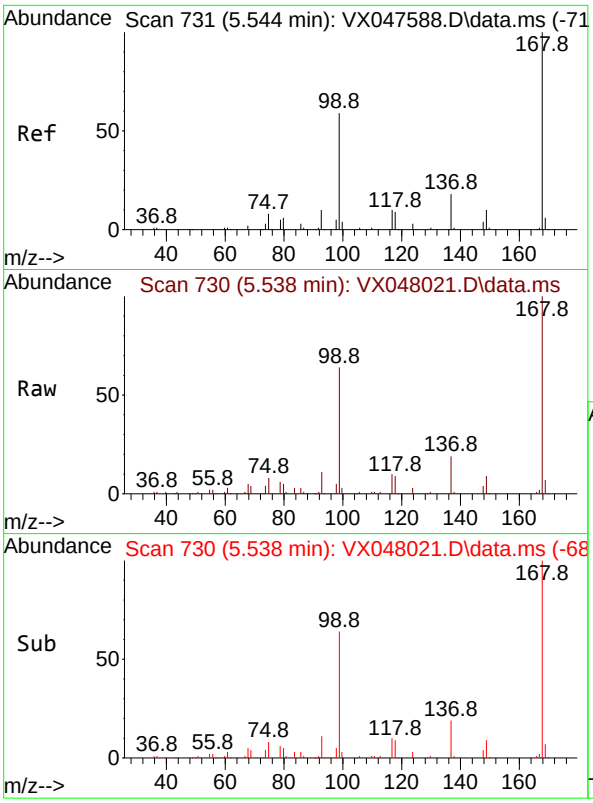
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048021.D
Acq On : 06 Oct 2025 14:07
Operator : JC/MD
Sample : Q3201-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW15

Quant Time: Oct 07 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



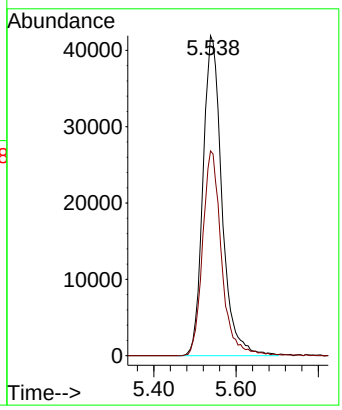


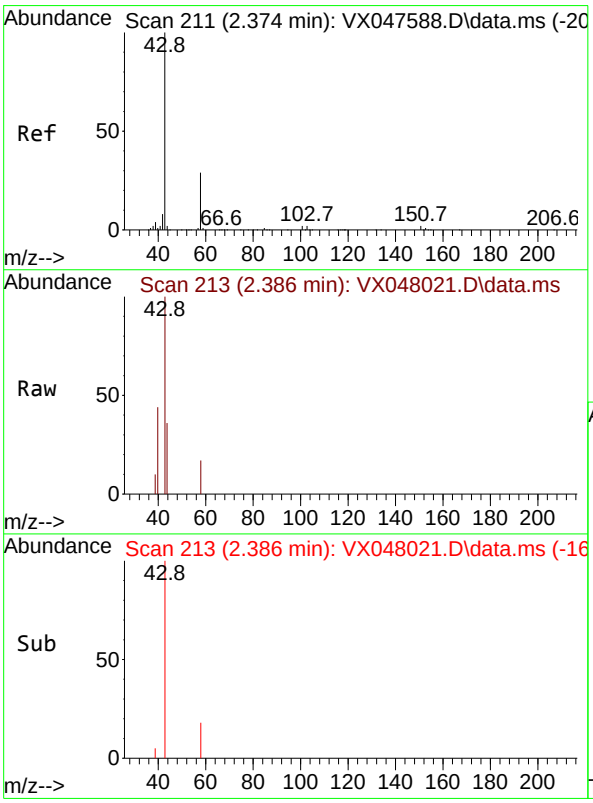
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:168 Resp: 134028

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

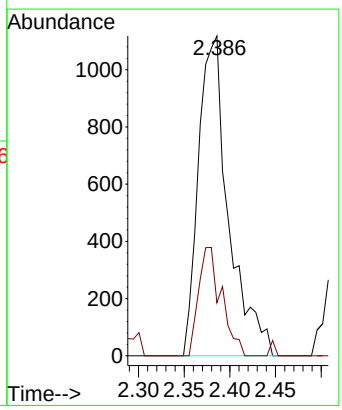


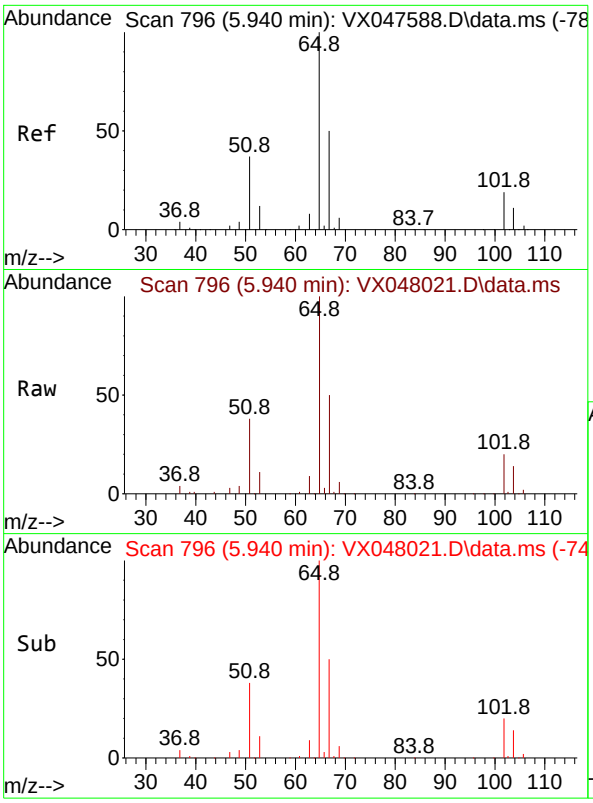


#16
Acetone
Concen: 2.763 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 43 Resp: 2563

Ion	Ratio	Lower	Upper
43	100		
58	12.2	23.4	35.0#



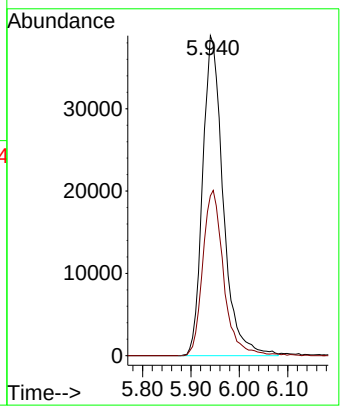


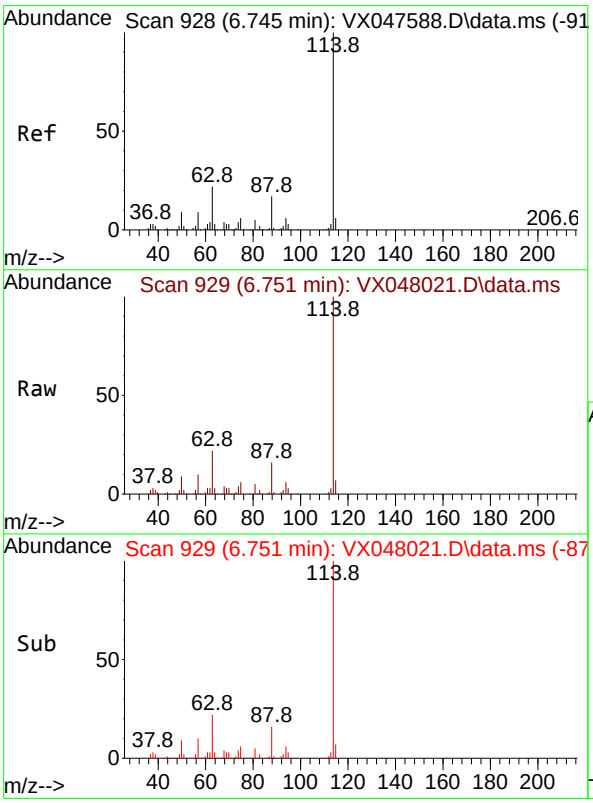
#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion: 65 Resp: 114515

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

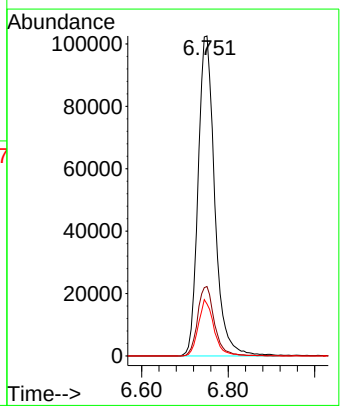




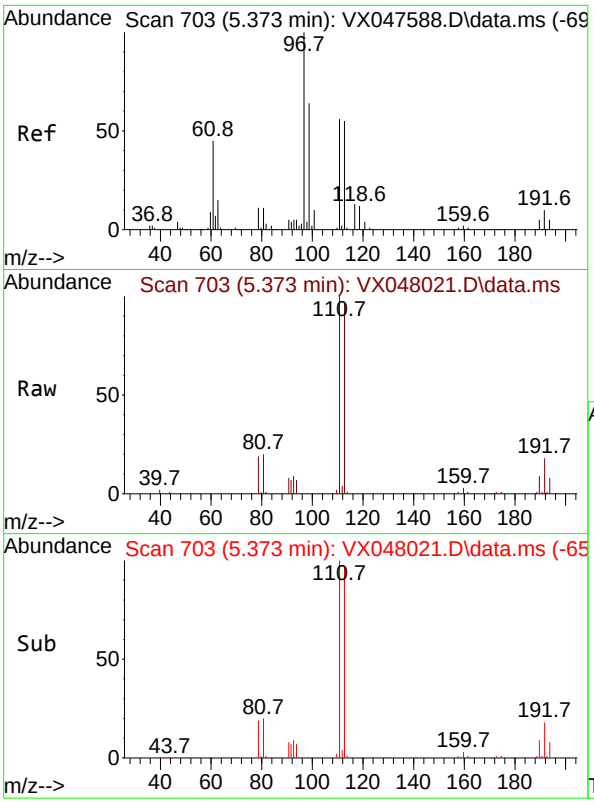
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:114 Resp: 273148

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.3	0.0	34.2



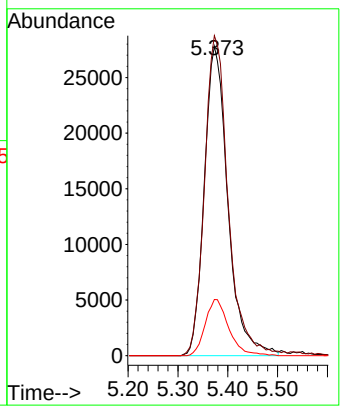
Instrument :
MSVOA_X
ClientSampleId :
MW15

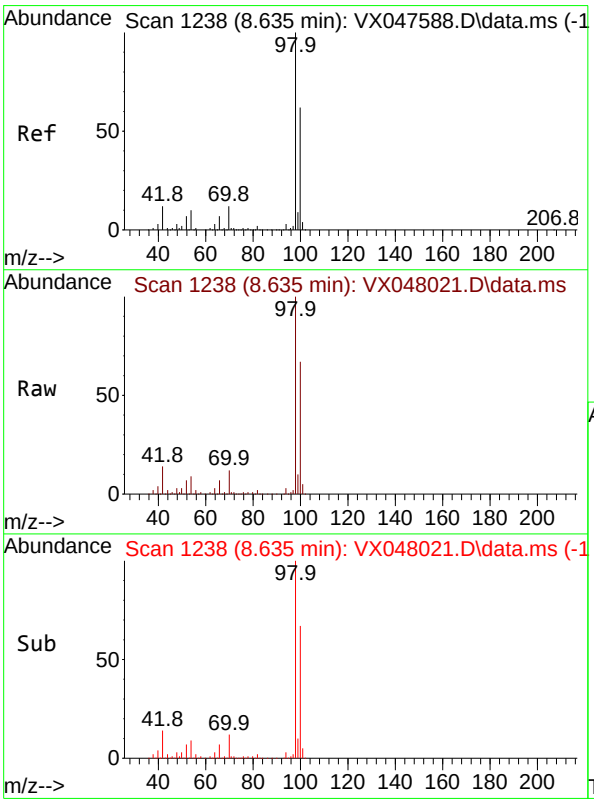


#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:113 Resp: 91472

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.9	121.3
192	18.2	14.2	21.4

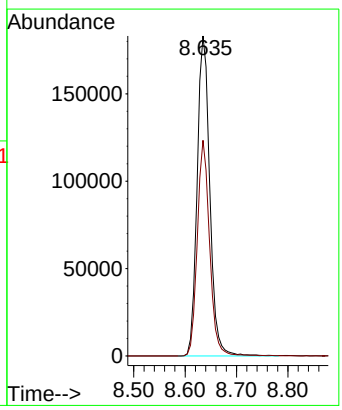


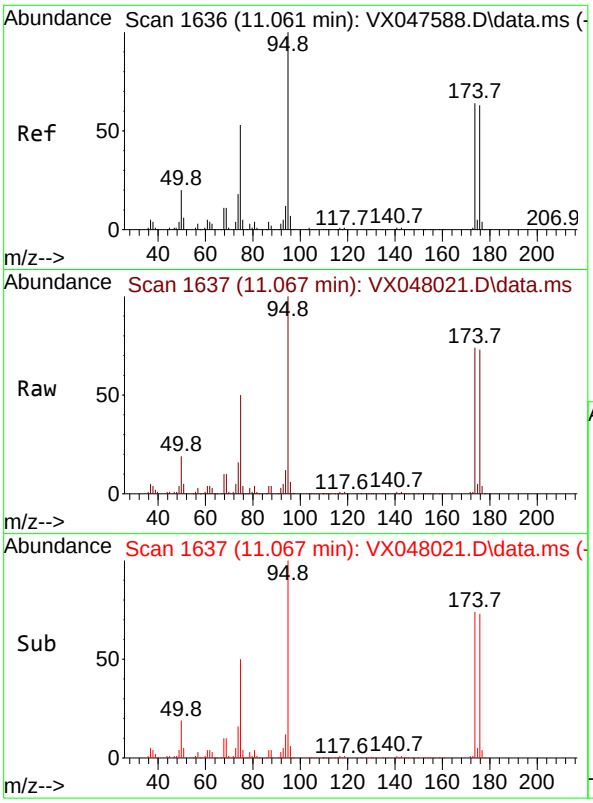


#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 98 Resp: 313165

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



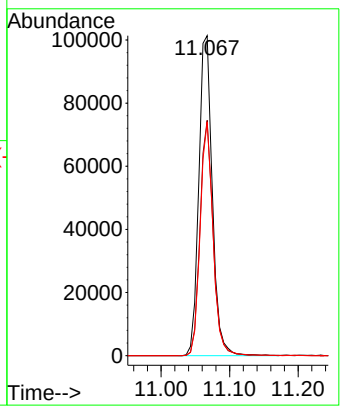


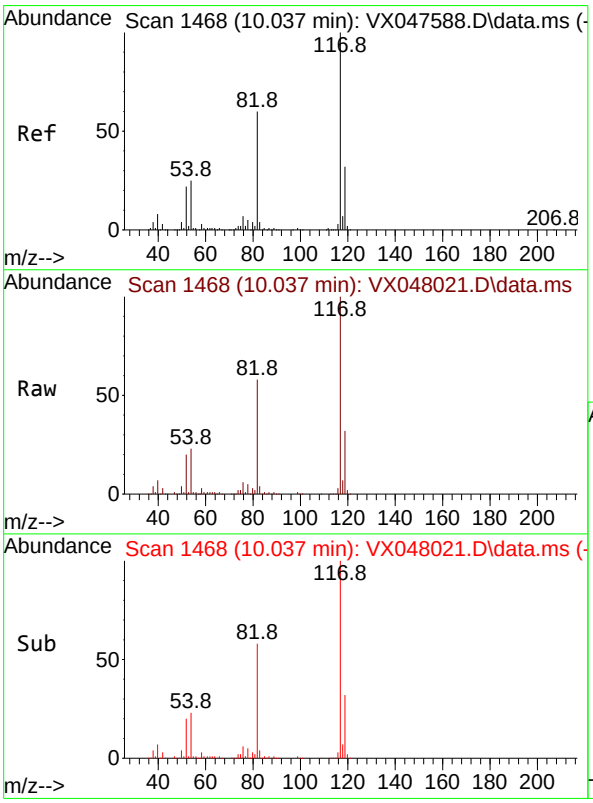
#62
4-Bromofluorobenzene
Concen: 57.959 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion: 95 Resp: 139428

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	141.6
176	69.8	0.0	138.4

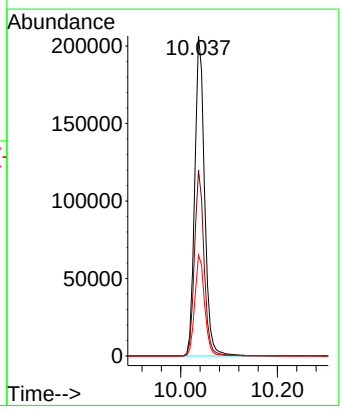


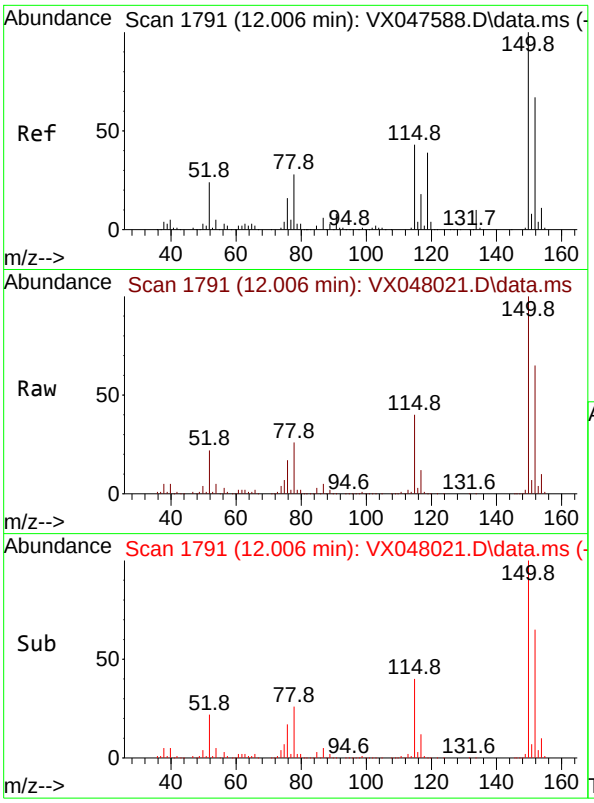


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:117 Resp: 290347

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	31.5	25.2	37.8



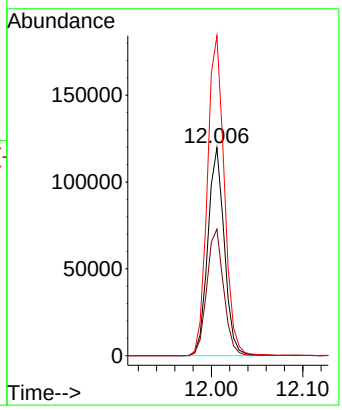


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:152 Resp: 149616

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	158.1	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048022.D
Acq On : 06 Oct 2025 14:28
Operator : JC/MD
Sample : Q3201-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

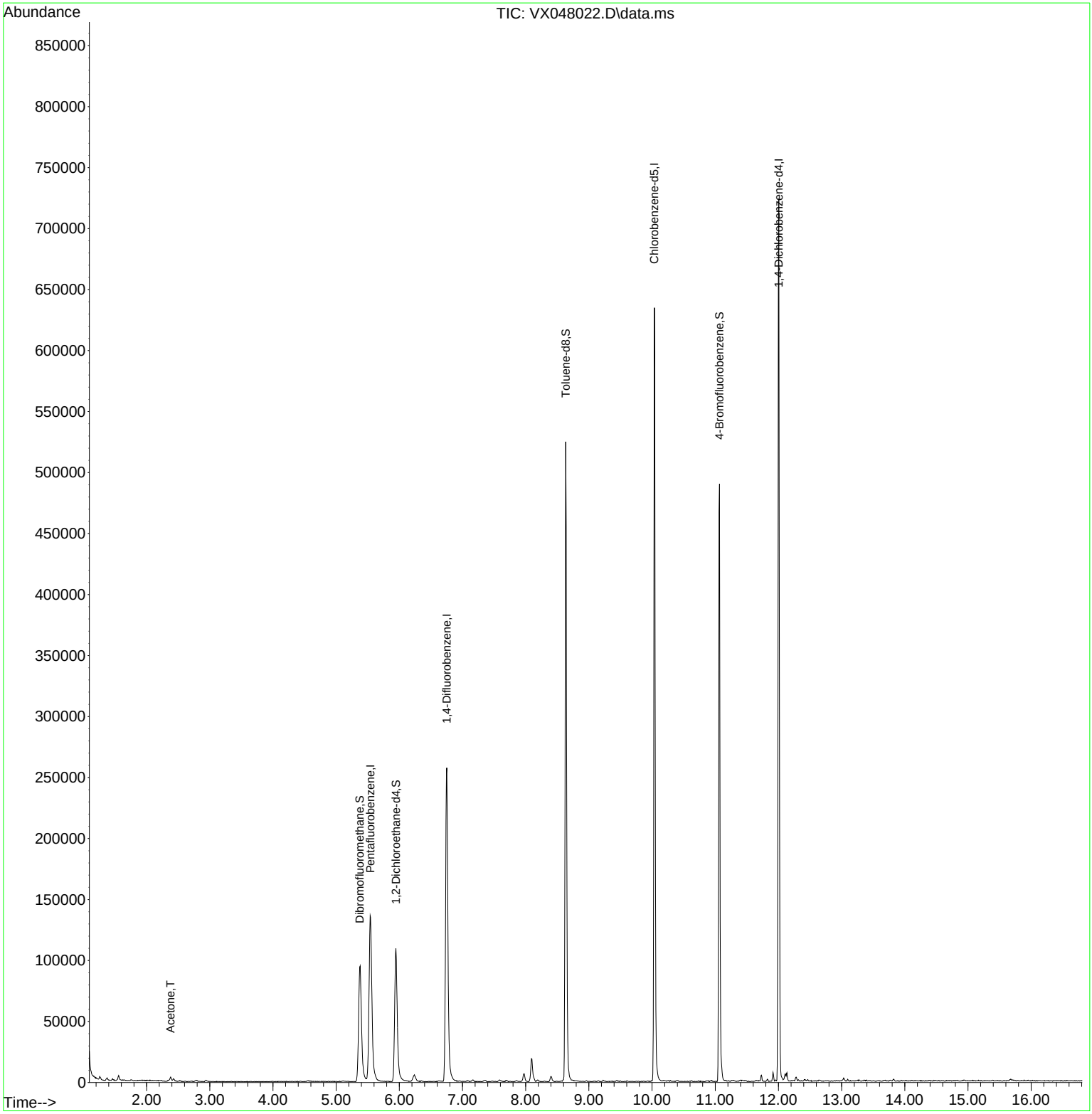
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119135	54.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.580%			
35) Dibromofluoromethane	5.373	113	92127	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	8.635	98	317920	48.989	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.067	95	140709	57.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.260%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4399	4.653	ug/l #	84

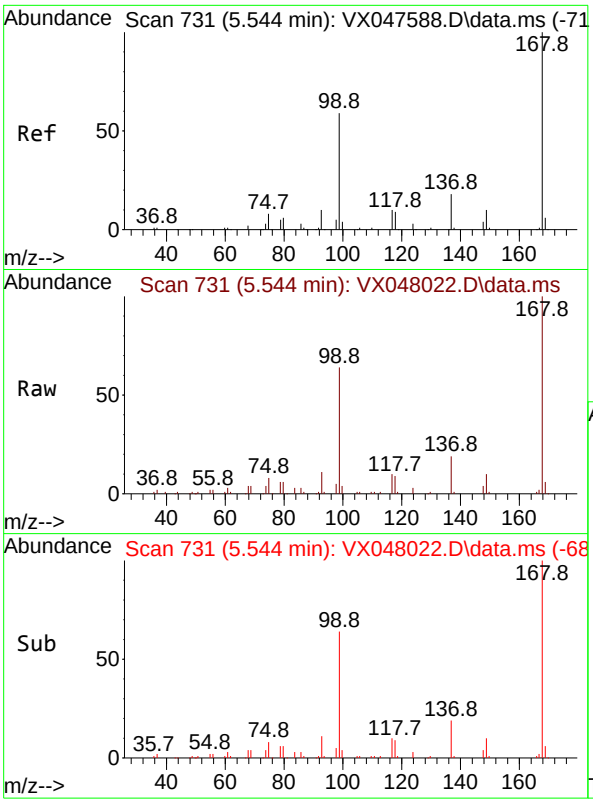
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048022.D
Acq On : 06 Oct 2025 14:28
Operator : JC/MD
Sample : Q3201-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



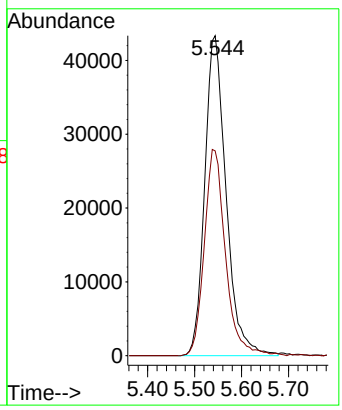


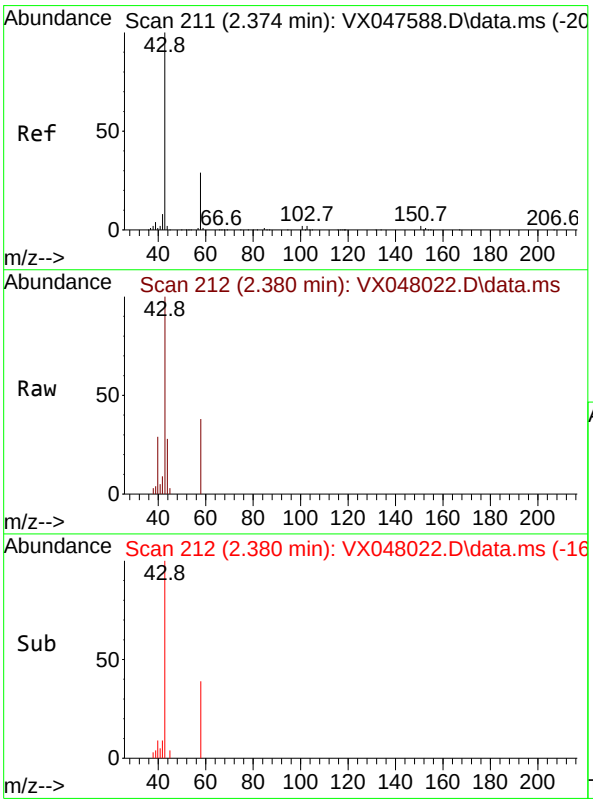
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:168 Resp: 136606

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

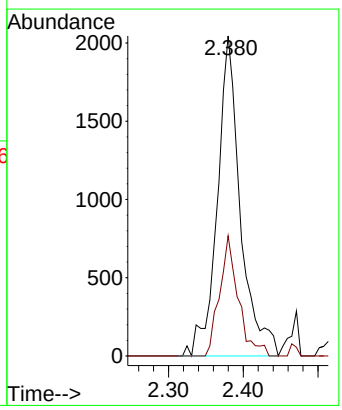


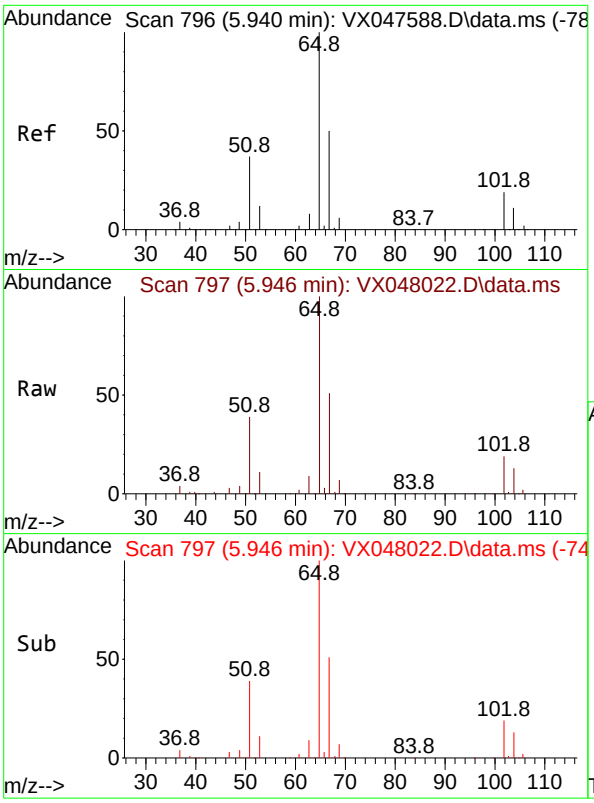


#16
Acetone
Concen: 4.653 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 43 Resp: 4399

Ion	Ratio	Lower	Upper
43	100		
58	37.6	23.4	35.0#



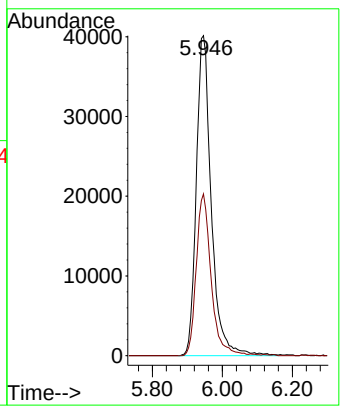


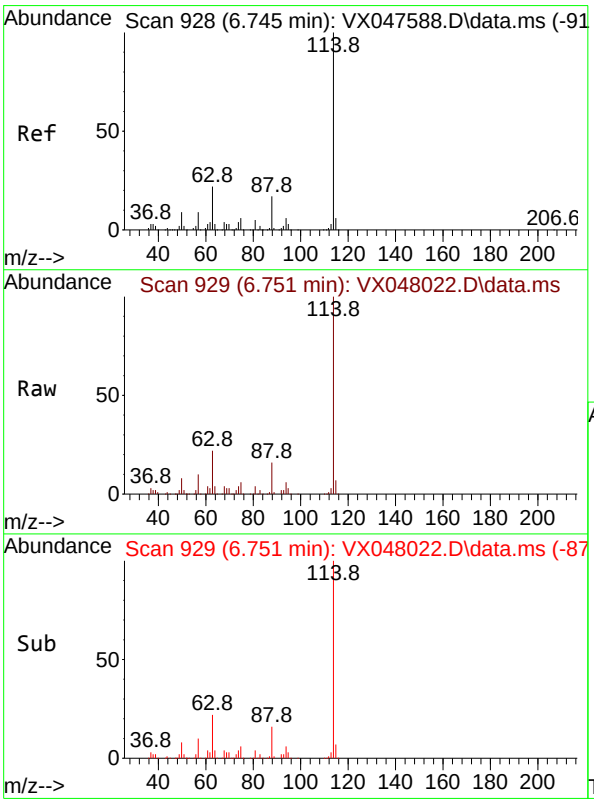
#33
1,2-Dichloroethane-d4
Concen: 54.789 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 65 Resp: 119135

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0

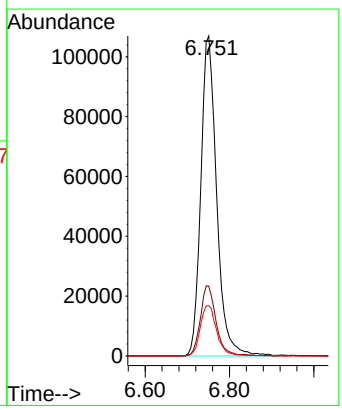


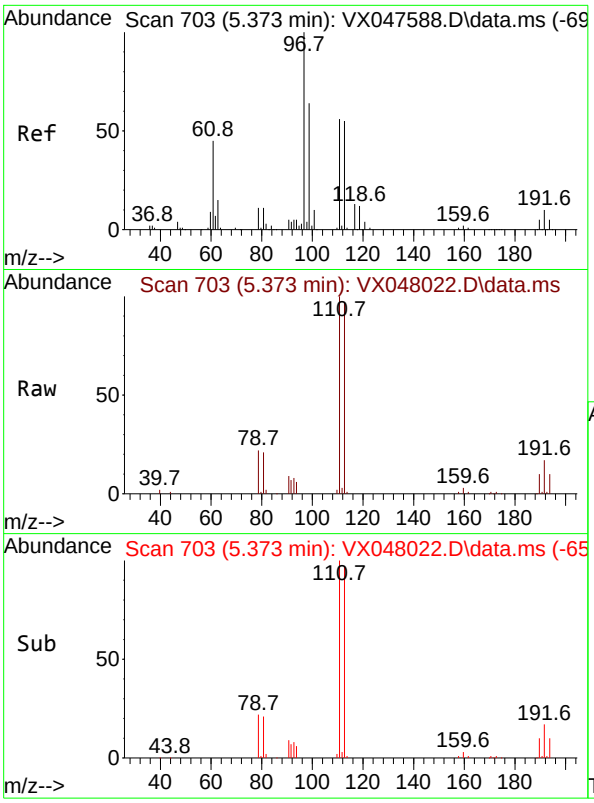


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion:114 Resp: 279650

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	15.7	0.0	34.2



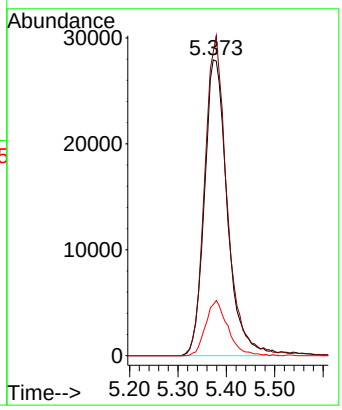


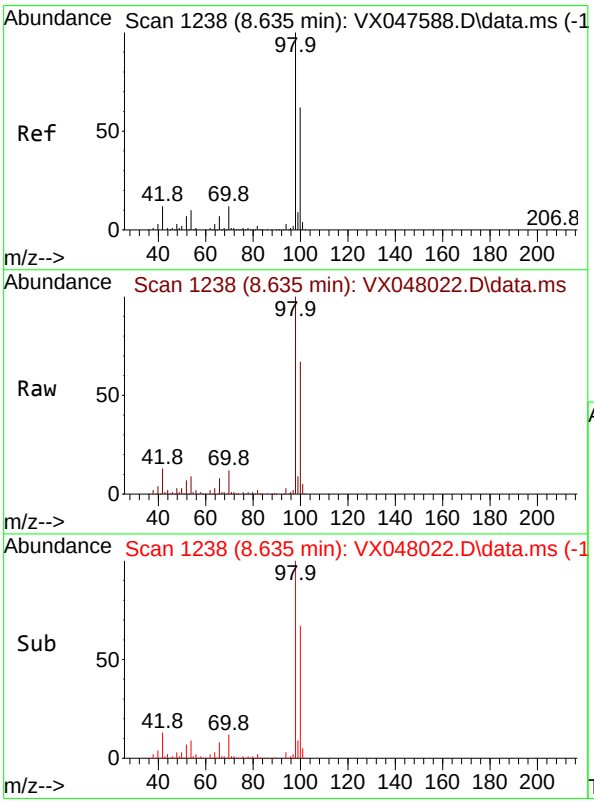
#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:113 Resp: 92127

Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.9	121.3
192	18.0	14.2	21.4

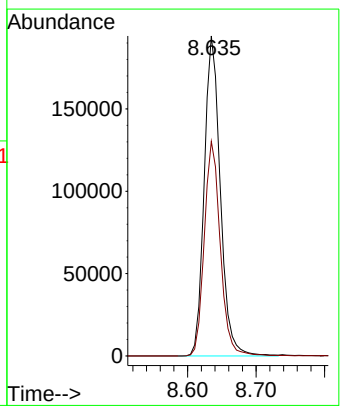


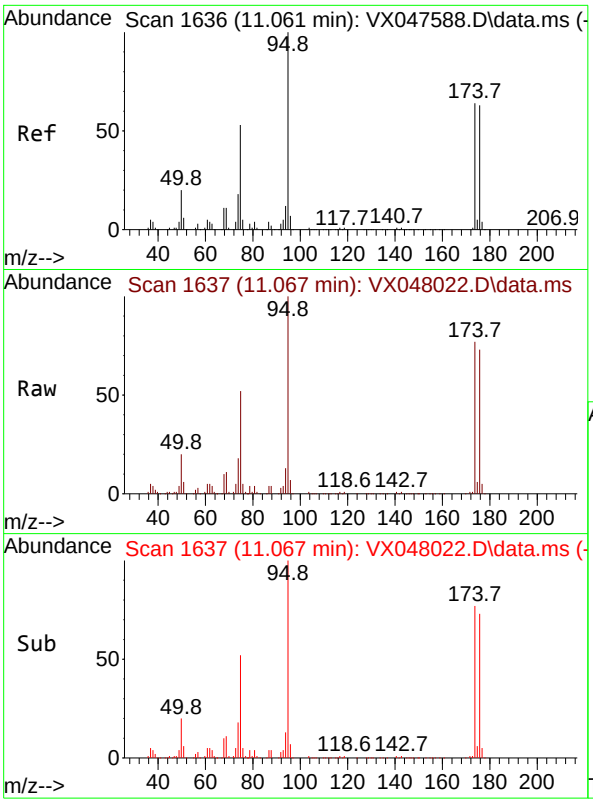


#50
Toluene-d8
Concen: 48.989 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 98 Resp: 317920

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



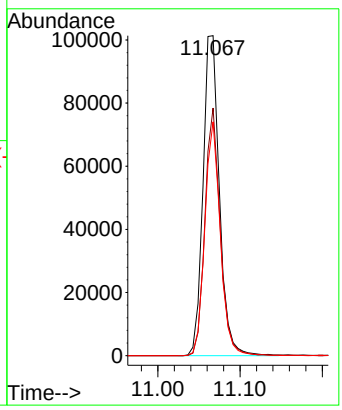


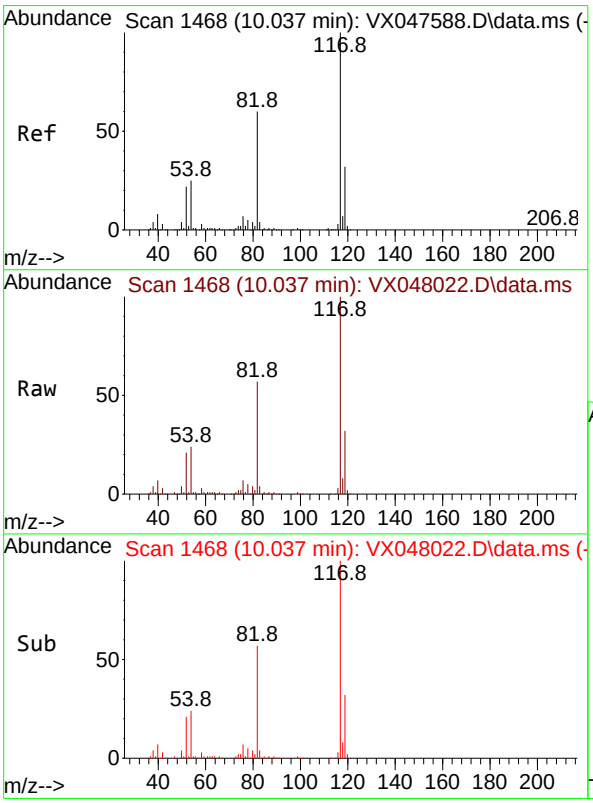
#62
4-Bromofluorobenzene
Concen: 57.131 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 95 Resp: 140709

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.6
176	69.1	0.0	138.4

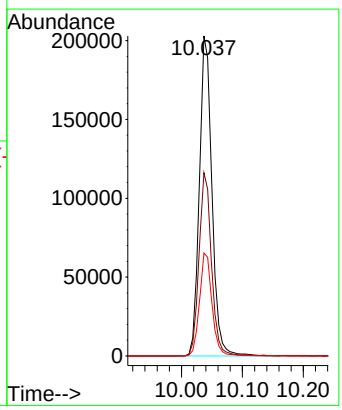


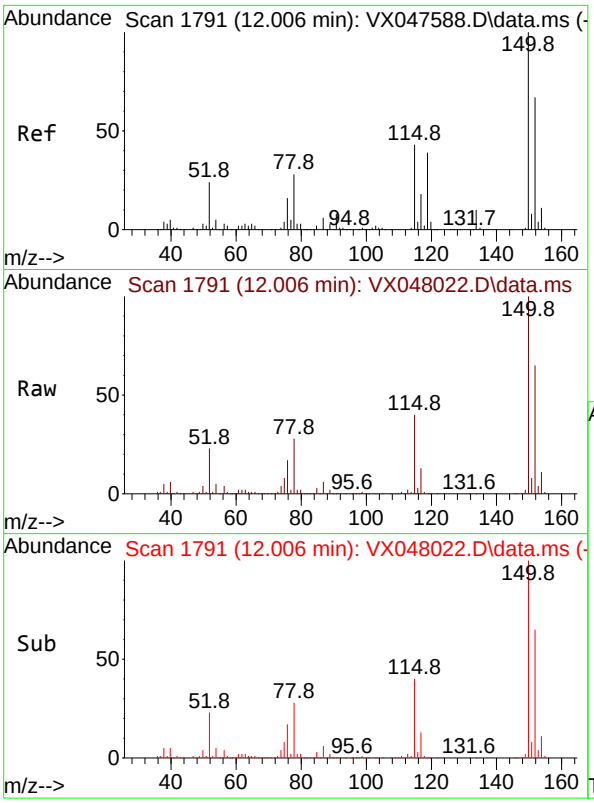


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion:117 Resp: 291369

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.8	71.6
119	32.2	25.2	37.8



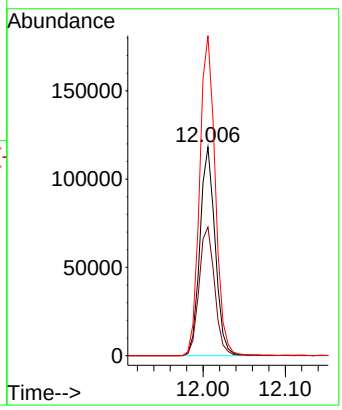


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:152 Resp: 151792

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.9	134.5
150	157.8	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 04 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	460794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	745054	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	788166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	431237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	327302	49.078	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.160%			
35) Dibromofluoromethane	4.503	113	314297	52.473	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.940%			
50) Toluene-d8	7.236	98	847595	48.182	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.360%			
62) 4-Bromofluorobenzene	10.001	95	394965	54.538	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 109.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	53153	37.710	ug/l	96
31) Cyclohexane	4.584	56	122869	10.330	ug/l	96
39) Methylcyclohexane	6.050	83	49513	4.528	ug/l	94
40) Benzene	5.008	78	1484078	50.327	ug/l	99
52) Toluene	7.310	92	305782	17.884	ug/l	98
67) Ethyl Benzene	8.934	91	4506911	135.620	ug/l	98
68) m/p-Xylenes	9.059	106	2556288	199.301	ug/l	99
69) o-Xylene	9.471	106	57411	5.055	ug/l	98
73) Isopropylbenzene	9.857	105	1468865	46.962	ug/l	99
78) n-propylbenzene	10.278	91	2152668	56.517	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1114223	42.859	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1578717	62.549	ug/l	100
85) sec-Butylbenzene	11.014	105	43299m	1.259	ug/l	
89) n-Butylbenzene	11.580	91	57371m	2.099	ug/l	
95) Naphthalene	13.426	128	434653	15.289	ug/l	99

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

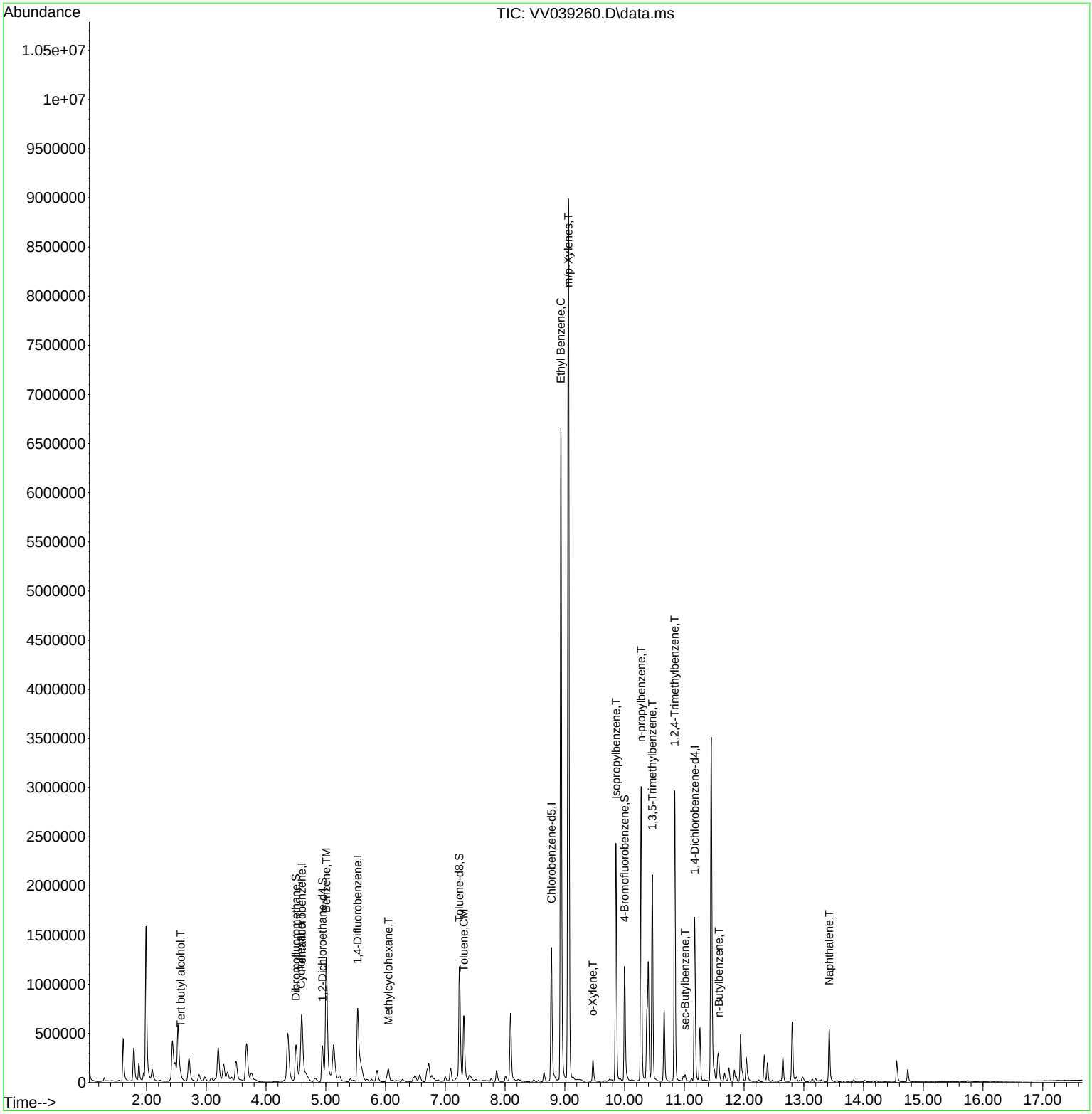
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

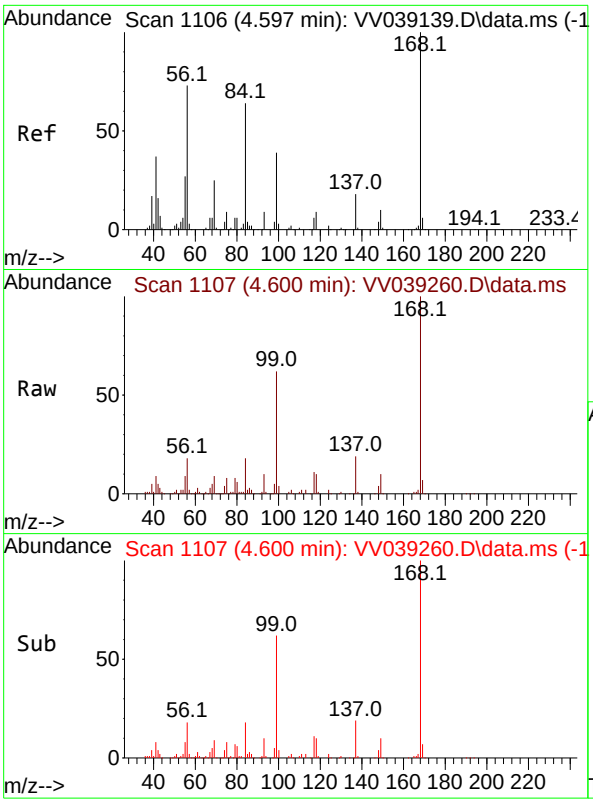
Quant Time: Oct 04 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:168 Resp: 46079

Ion	Ratio	Lower	Upper
168	100		
99	62.0	49.6	74.4

Instrument :
MSVOA_V
ClientSampleId :
MW1

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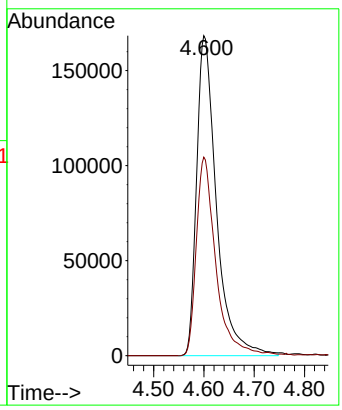
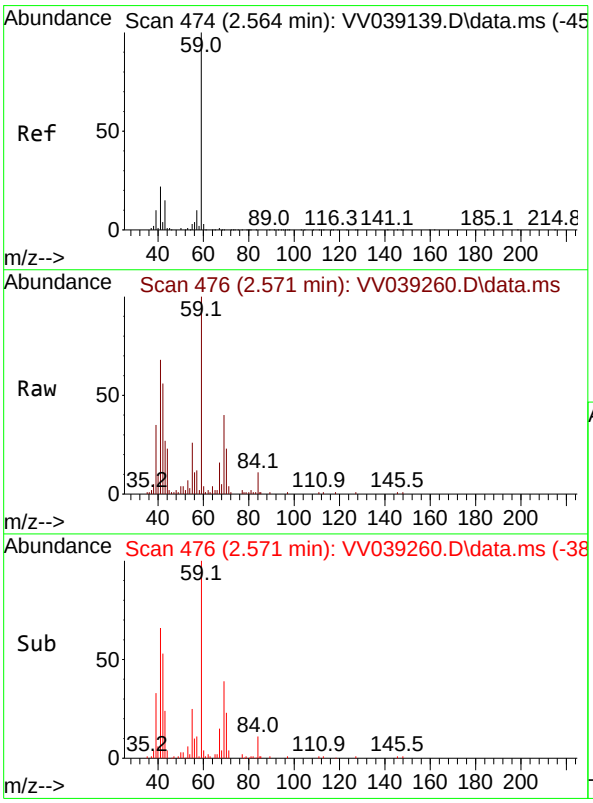
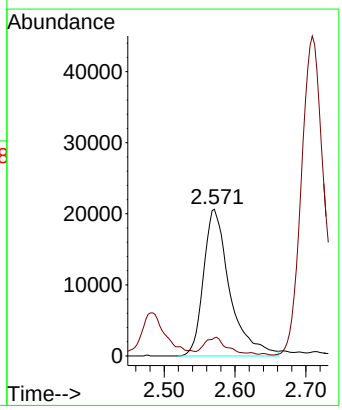


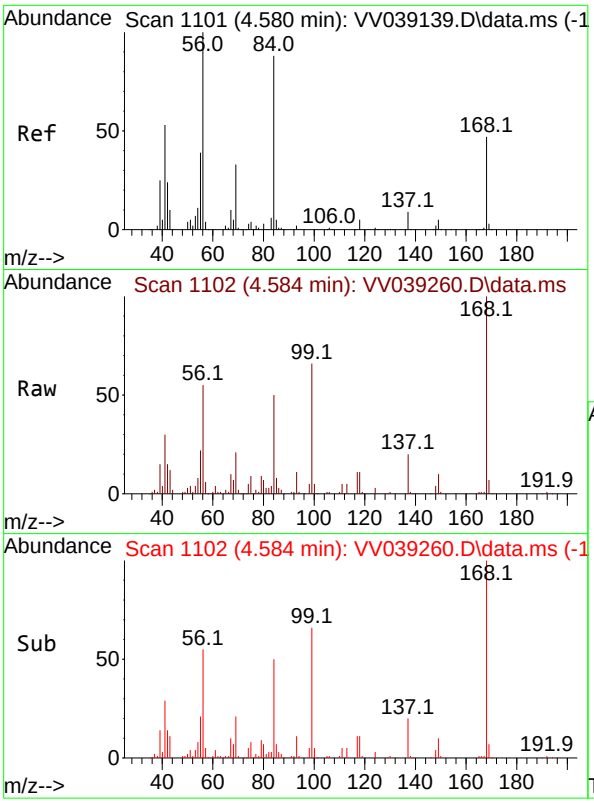


#11
Tert butyl alcohol
Concen: 37.710 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 59 Resp: 53153

Ion	Ratio	Lower	Upper
59	100		
57	8.3	7.8	11.8

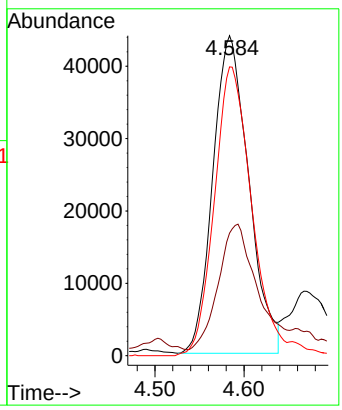




#31
Cyclohexane
Concen: 10.330 ug/l
RT: 4.584 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 56 Resp: 12286

Ion	Ratio	Lower	Upper
56	100		
69	35.7	26.2	39.2
84	90.5	70.3	105.5



Instrument :
MSVOA_V
ClientSampleId :
MW1

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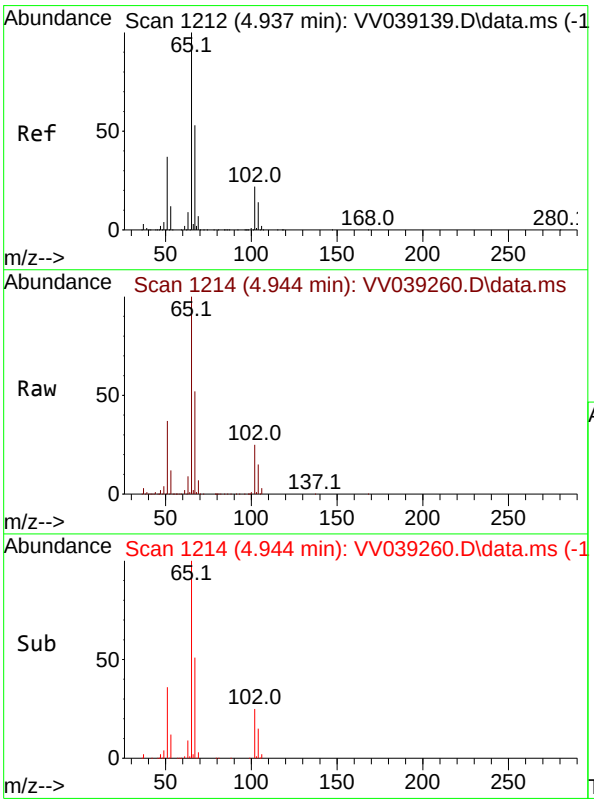
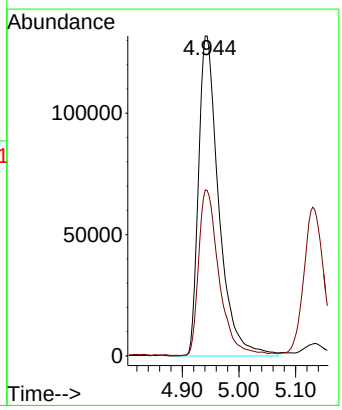
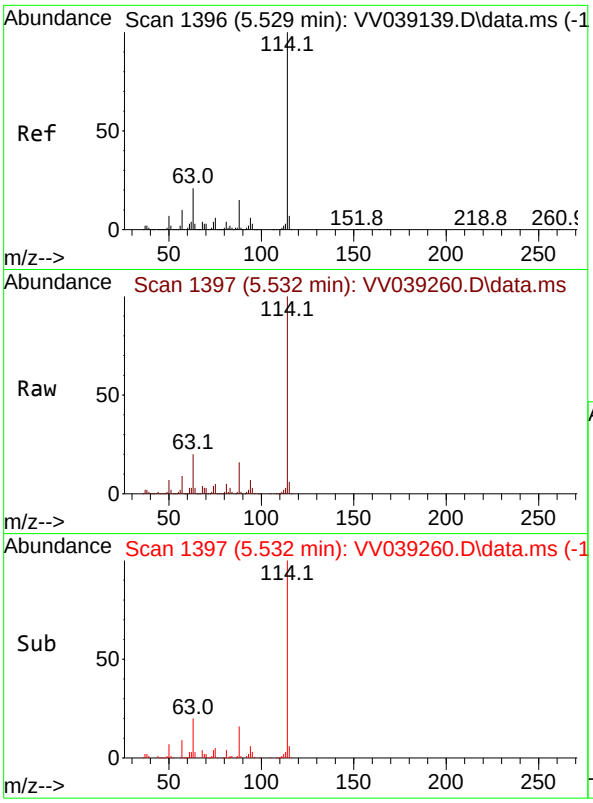


#33
1,2-Dichloroethane-d4
Concen: 49.078 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 65 Resp: 327302

Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:114 Resp: 74505

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.1	0.0	30.8

Instrument :
MSVOA_V
ClientSampleId :
MW1

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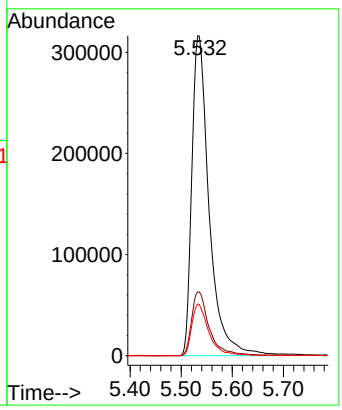
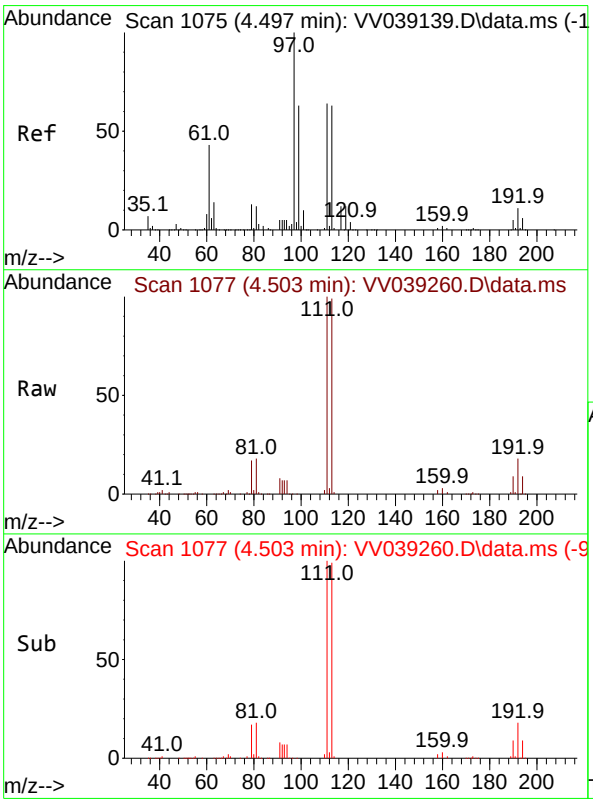
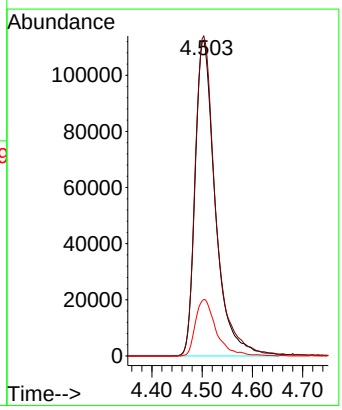


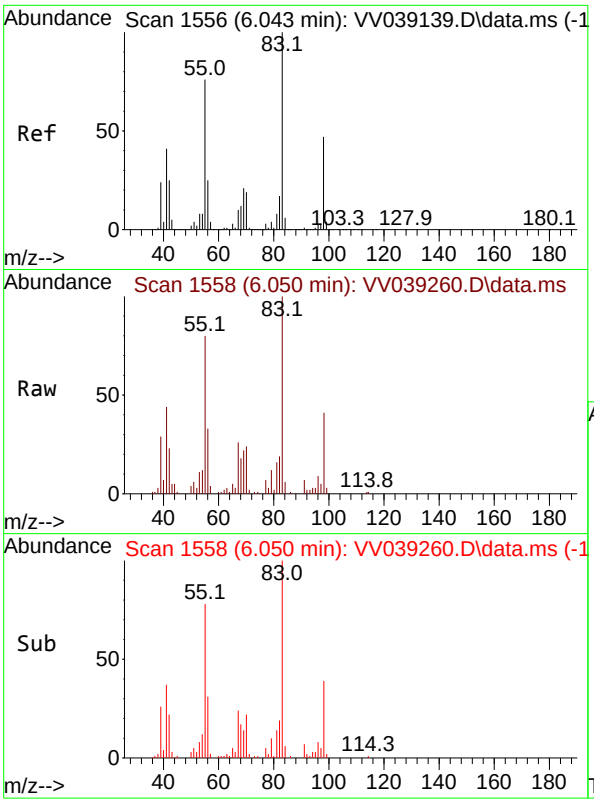


#35
Dibromofluoromethane
Concen: 52.473 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:113 Resp: 314297

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	18.2	13.8	20.8





#39
Methylcyclohexane
Concen: 4.528 ug/l
RT: 6.050 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 83 Resp: 4951

Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.5	90.7
98	41.2	37.8	56.6

Instrument :
MSVOA_V
ClientSampleId :
MW1

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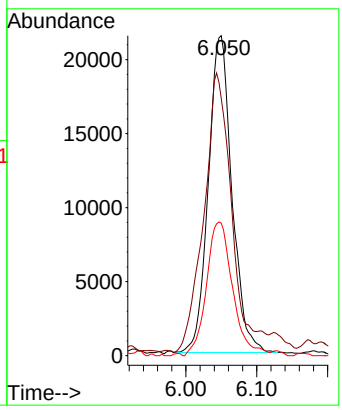
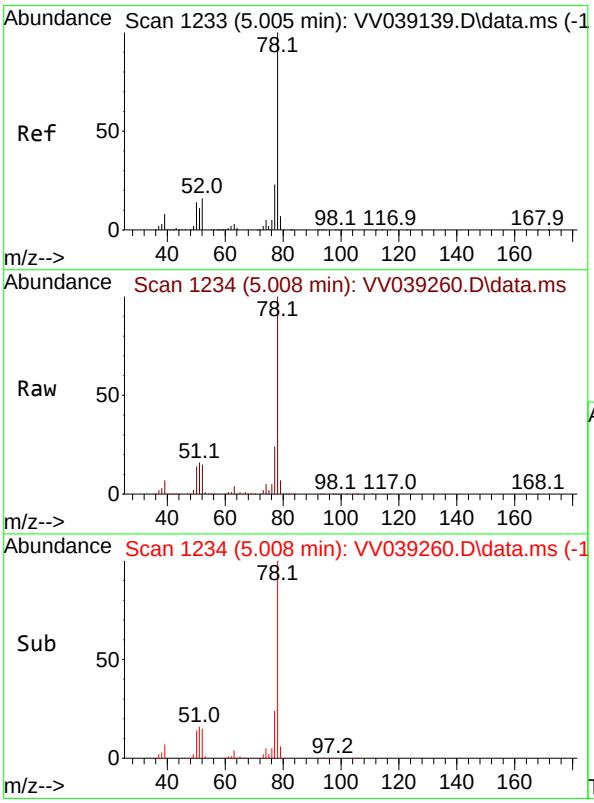
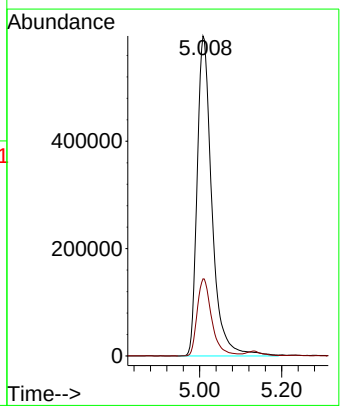




#40
Benzene
Concen: 50.327 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 78 Resp: 1484078

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1



Instrument :
MSVOA_V
ClientSampleId :
MW1

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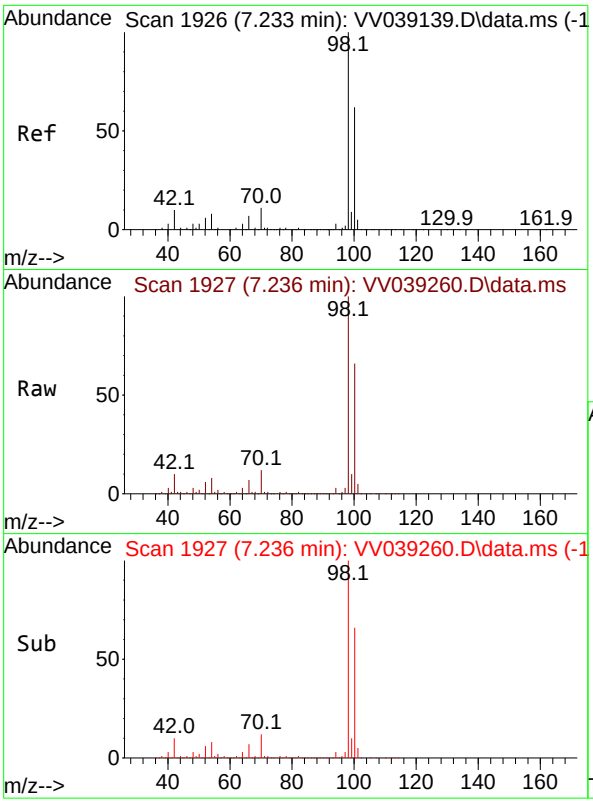
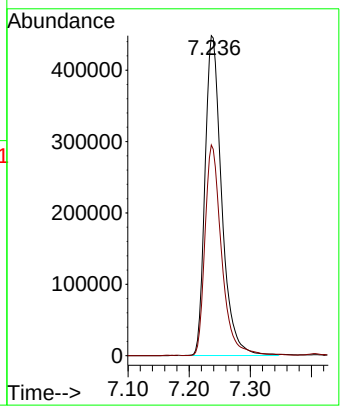
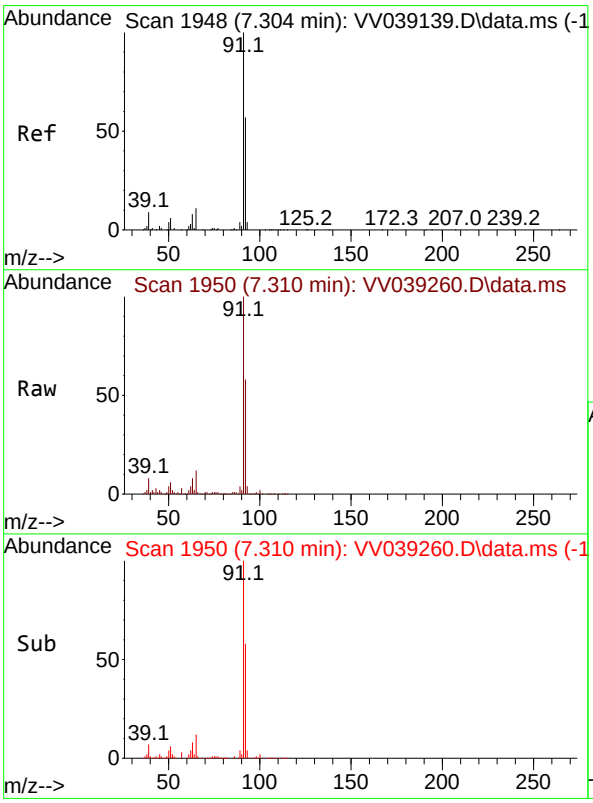


#50
Toluene-d8
Concen: 48.182 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 98 Resp: 84759

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2

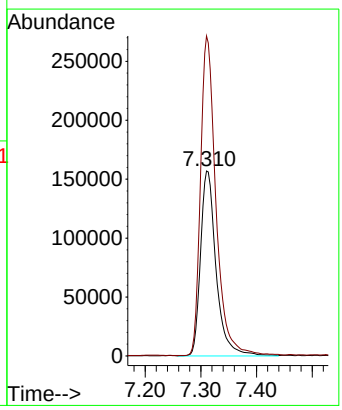




#52
Toluene
Concen: 17.884 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 92 Resp: 305782

Ion	Ratio	Lower	Upper
92	100		
91	170.8	139.2	208.8



Instrument :
MSVOA_V
ClientSampleId :
MW1

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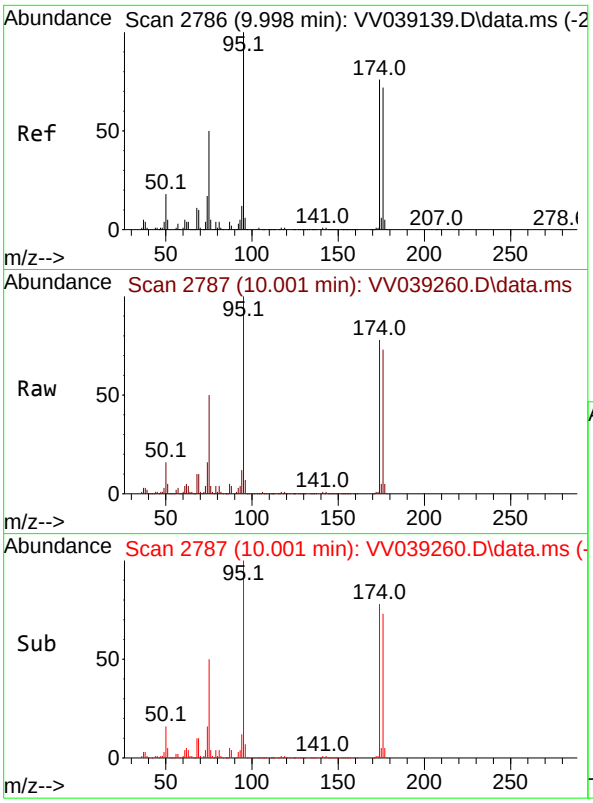
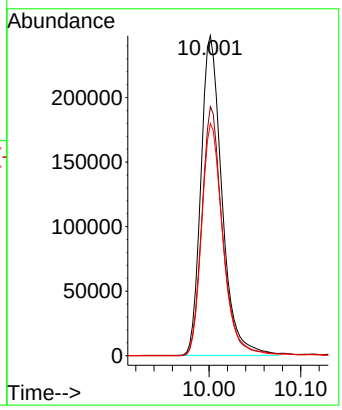
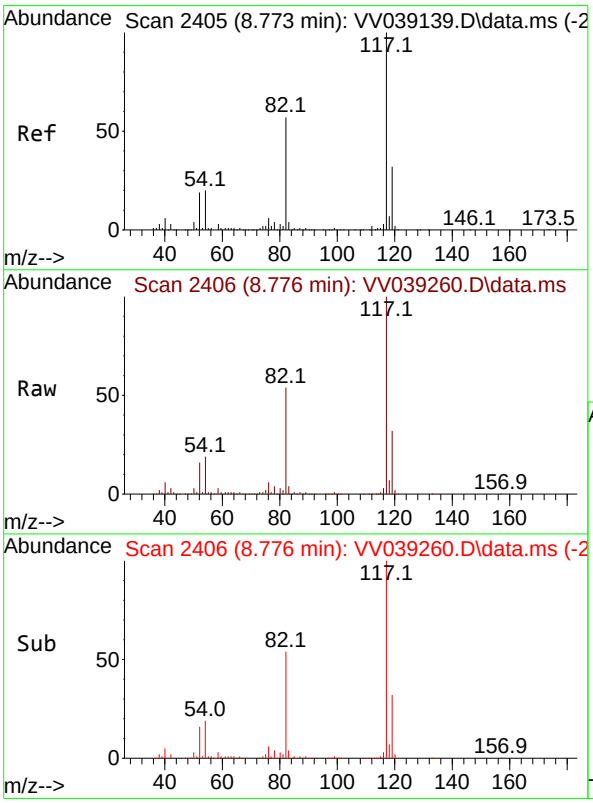


#62
4-Bromofluorobenzene
Concen: 54.538 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 95 Resp: 39496

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.4
176	73.6	0.0	144.2

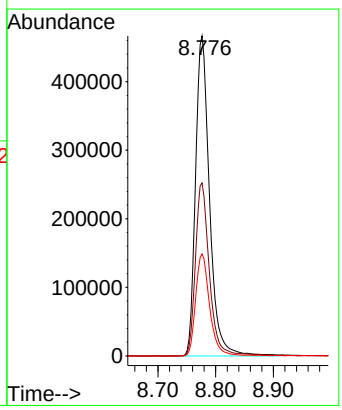


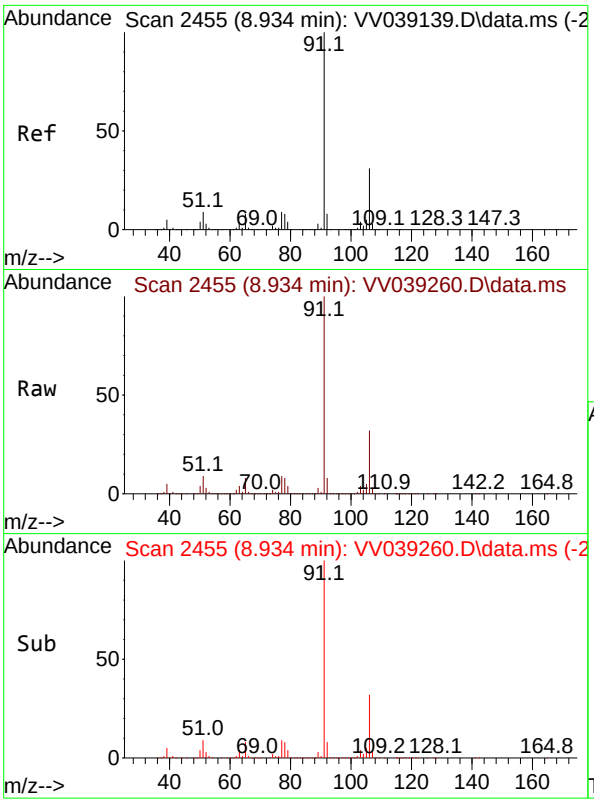


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:117 Resp: 788166

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	31.9	25.6	38.4





#67
Ethyl Benzene
Concen: 135.620 ug/l
RT: 8.934 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 450691

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.6	37.0

Instrument :
MSVOA_V
ClientSampleId :
MW1

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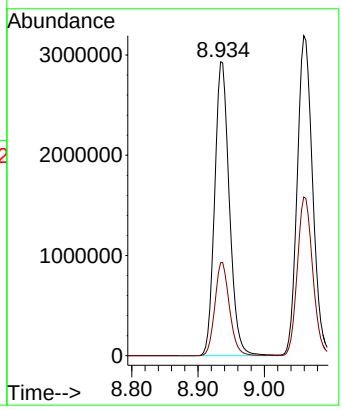
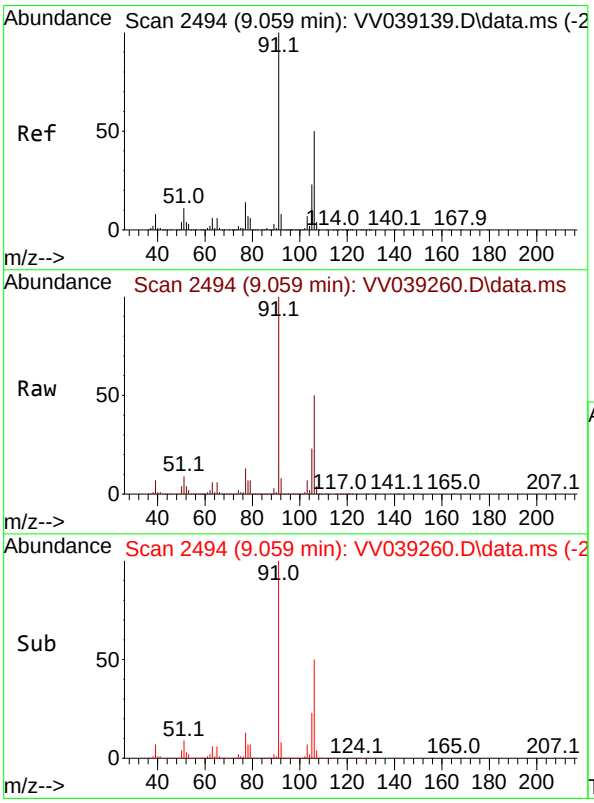
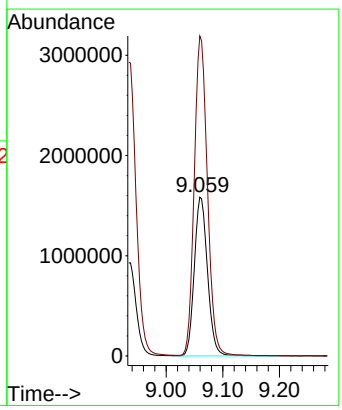


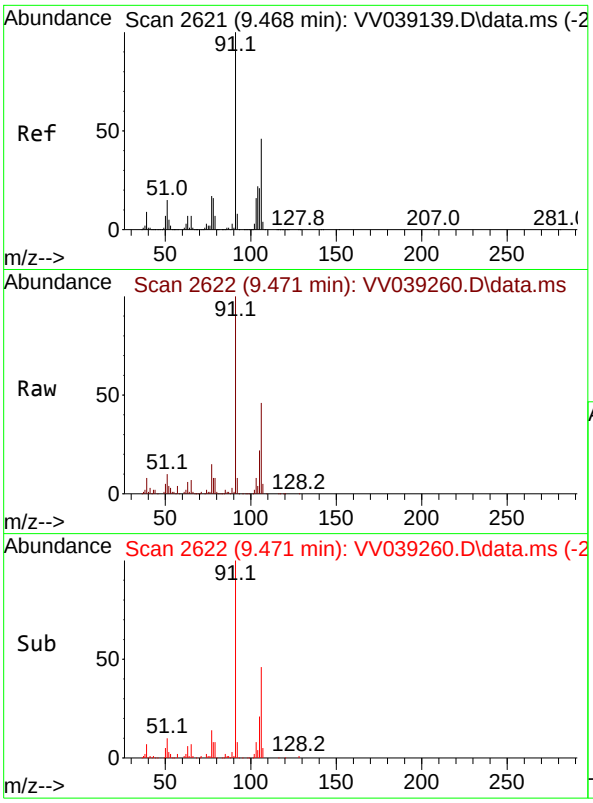


#68
m/p-Xylenes
Concen: 199.301 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:106 Resp: 2556288

Ion	Ratio	Lower	Upper
106	100		
91	200.9	162.5	243.7





#69
o-Xylene
Concen: 5.055 ug/l
RT: 9.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:106 Resp: 5741

Ion	Ratio	Lower	Upper
106	100		
91	215.2	109.1	327.3

Instrument :
MSVOA_V
ClientSampleId :
MW1

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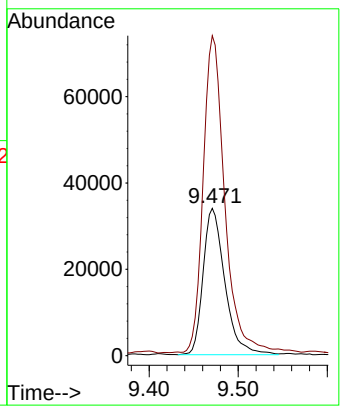
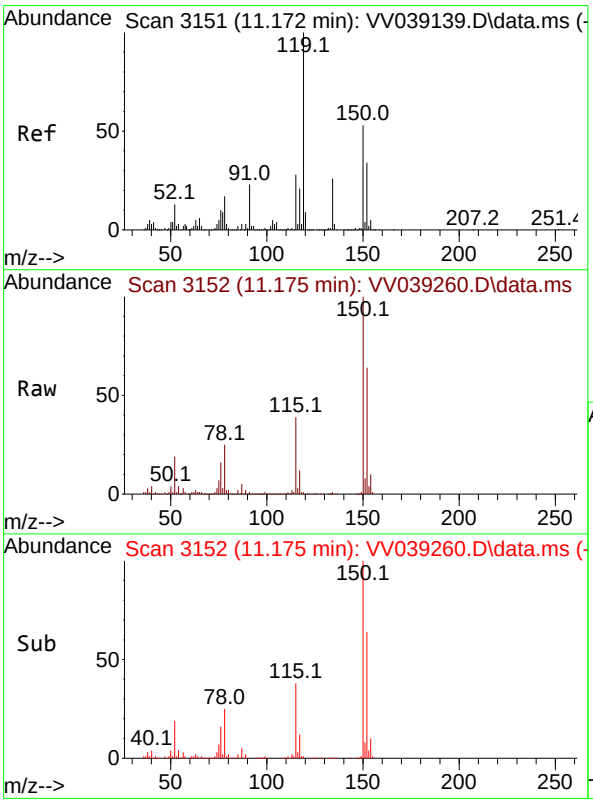
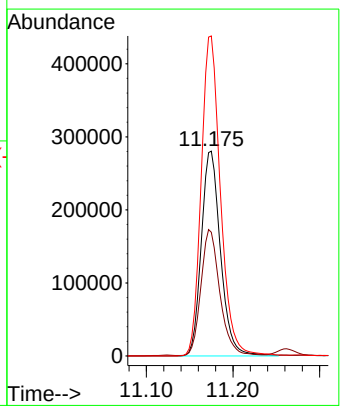


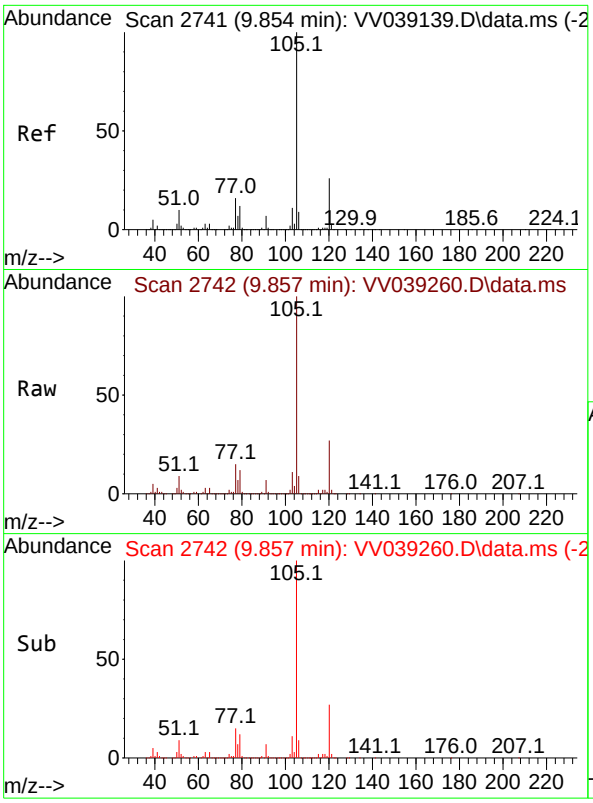


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:152 Resp: 431237

Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.8	134.4
150	157.3	0.0	353.8

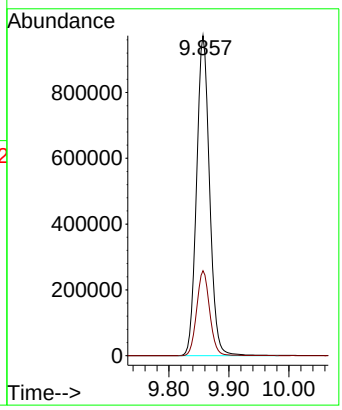




#73
Isopropylbenzene
Concen: 46.962 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 146886

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW1

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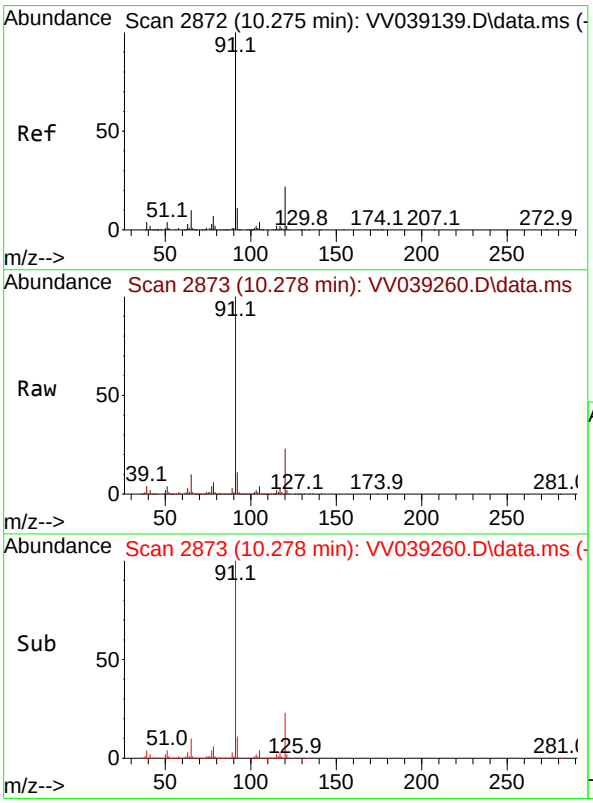
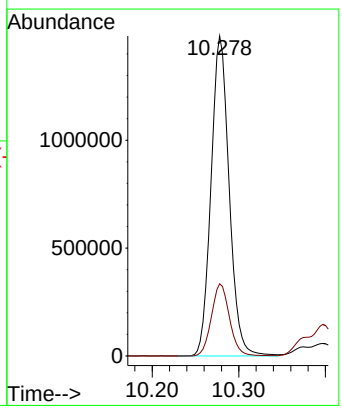
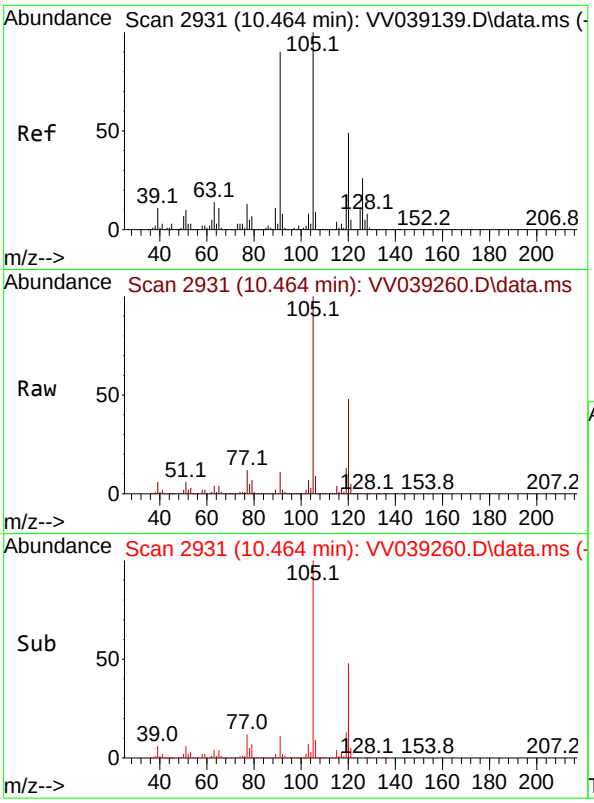


#78
n-propylbenzene
Concen: 56.517 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 2152668

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.3

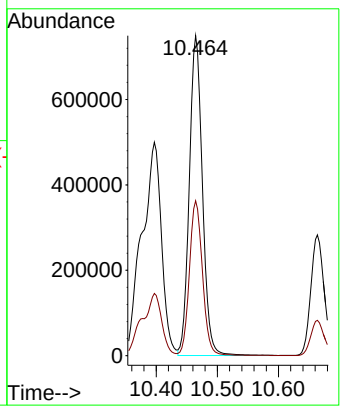




#80
1,3,5-Trimethylbenzene
Concen: 42.859 ug/l
RT: 10.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 111422

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8



Instrument :
MSVOA_V
ClientSampleId :
MW1

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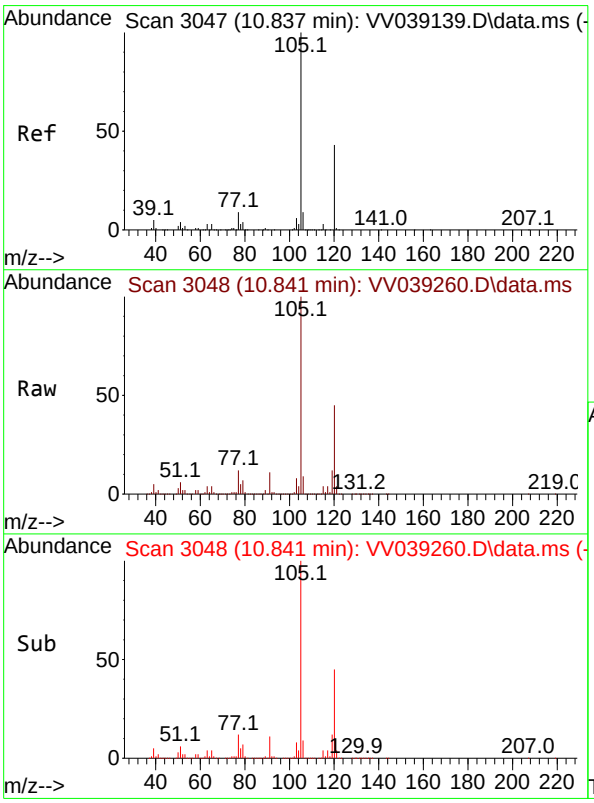
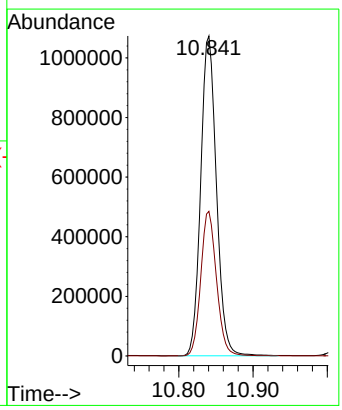
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

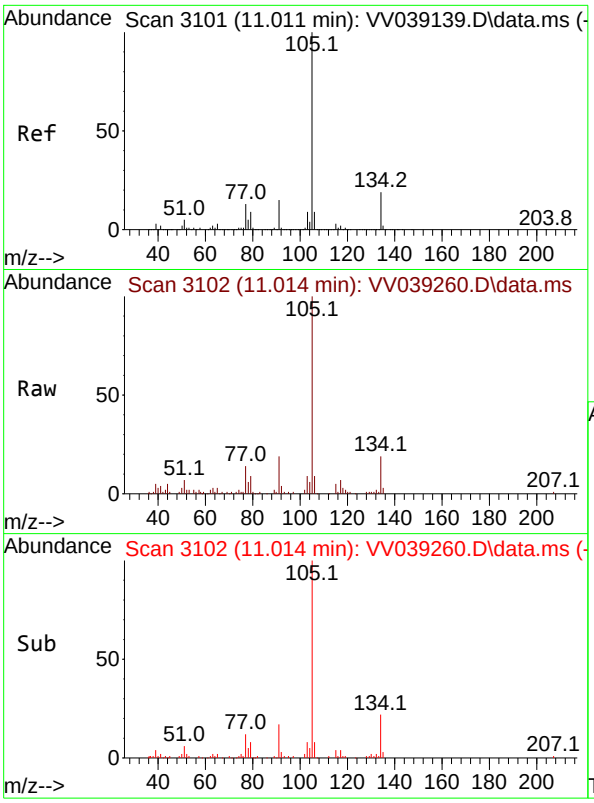


#84
1,2,4-Trimethylbenzene
Concen: 62.549 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 1578717

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.2

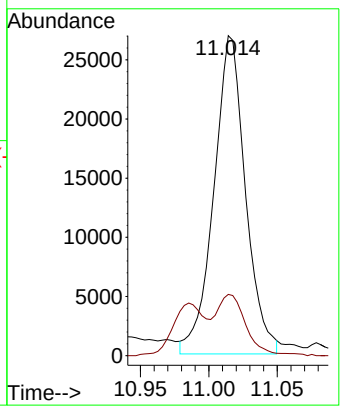




#85
sec-Butylbenzene
Concen: 1.259 ug/l m
RT: 11.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 4329

Ion	Ratio	Lower	Upper
105	100		
134	1.1	9.6	28.8#



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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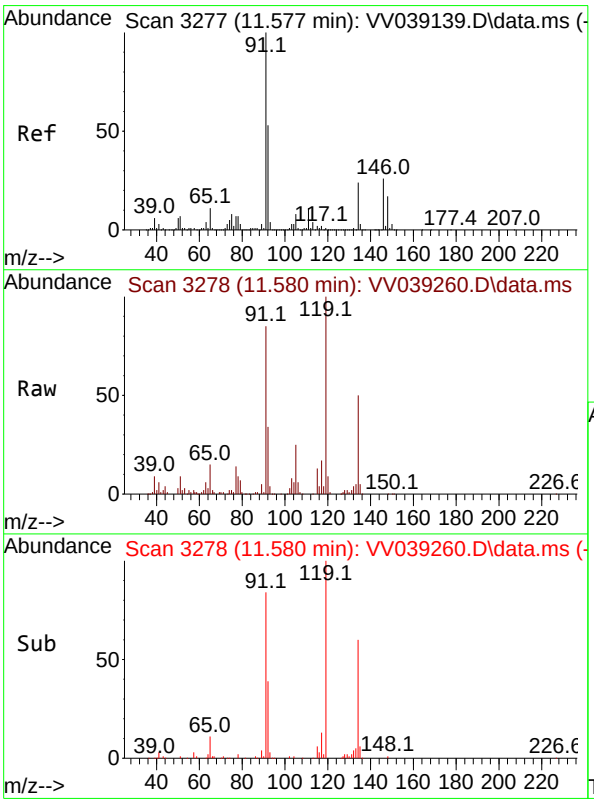
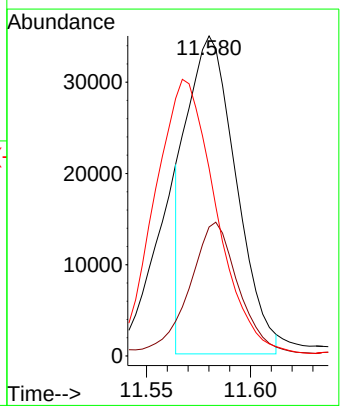
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

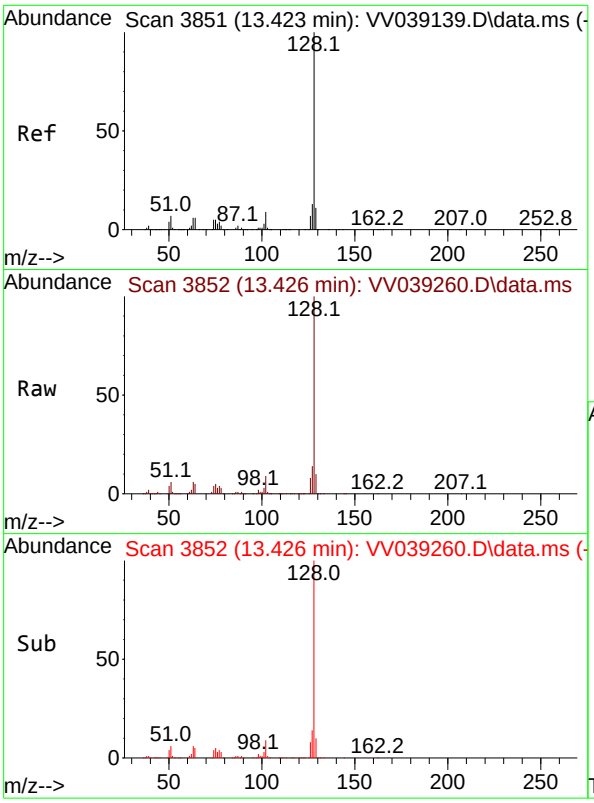


#89
n-Butylbenzene
Concen: 2.099 ug/l m
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 57371

Ion	Ratio	Lower	Upper
91	100		
92	42.1	26.6	79.8
134	107.0	12.1	36.3#

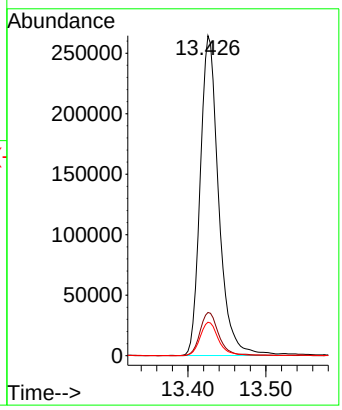




#95
Naphthalene
Concen: 15.289 ug/l
RT: 13.426 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:128 Resp: 43465

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.7	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039270.D
Acq On : 06 Oct 2025 13:56
Operator : SY/MD
Sample : Q3201-05DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 03:34:03 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 :
MW1DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	525555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	878942	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	886561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	514429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	369180	48.536	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 97.080%			
35) Dibromofluoromethane	4.500	113	371074	52.516	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.040%			
50) Toluene-d8	7.236	98	903765	43.549	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 87.100%#			
62) 4-Bromofluorobenzene	10.001	95	466453	54.598	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 109.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.574	59	16068	9.995	ug/l	96
39) Methylcyclohexane	6.050	83	8457	0.656	ug/l	96
40) Benzene	5.011	78	351785	10.112	ug/l	99
52) Toluene	7.317	92	71741	3.557	ug/l	98
67) Ethyl Benzene	8.937	91	944302	25.262	ug/l	100
68) m/p-Xylenes	9.062	106	553320	38.352	ug/l	99
69) o-Xylene	9.477	106	16173	1.266	ug/l	81
73) Isopropylbenzene	9.857	105	294641	7.897	ug/l	99
78) n-propylbenzene	10.278	91	431195	9.490	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	221695	7.148	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	296085	9.834	ug/l	100
85) sec-Butylbenzene	11.017	105	11710	0.285	ug/l	94
89) n-Butylbenzene	11.580	91	13567m	0.416	ug/l	
95) Naphthalene	13.432	128	86115	2.539	ug/l	98

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

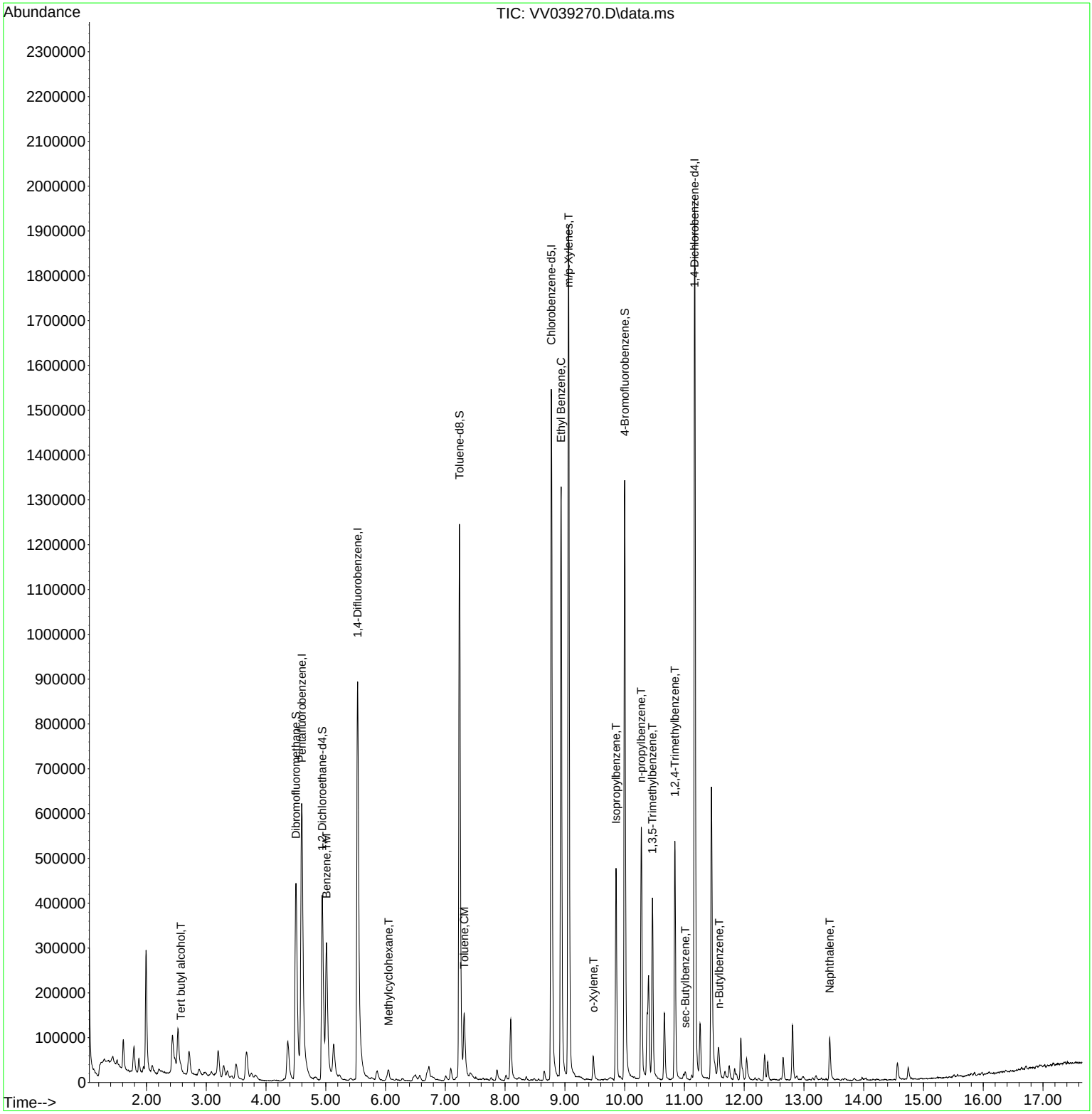
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039270.D
Acq On : 06 Oct 2025 13:56
Operator : SY/MD
Sample : Q3201-05DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

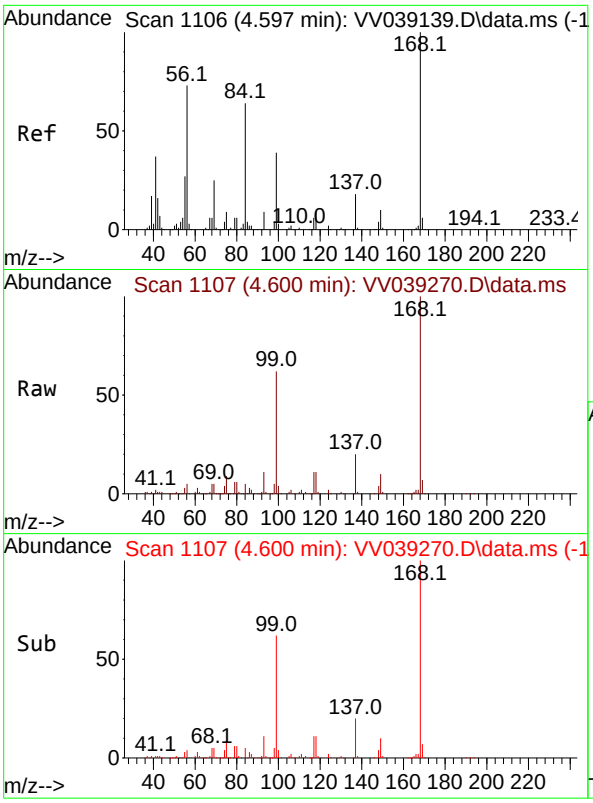
Quant Time: Oct 07 03:34:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

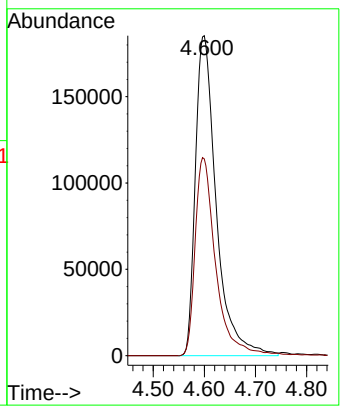




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:168 Resp: 52555

Ion	Ratio	Lower	Upper
168	100		
99	61.5	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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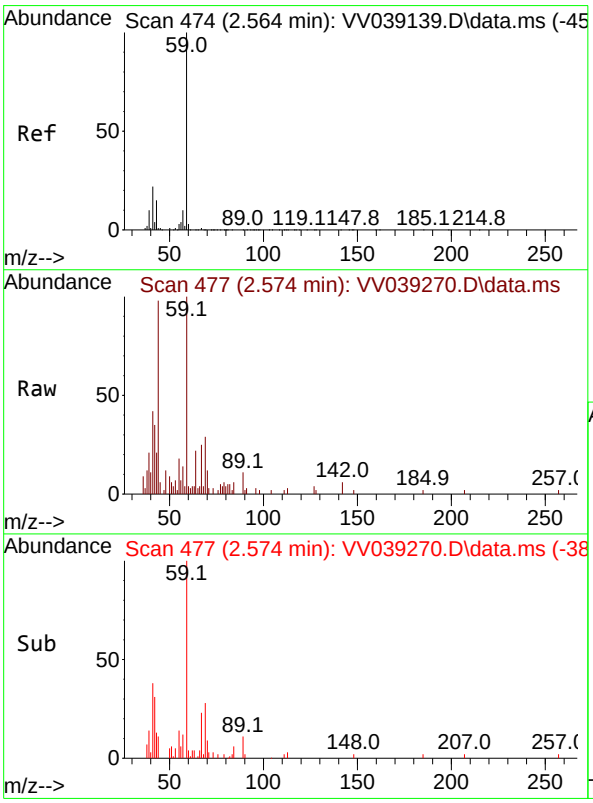
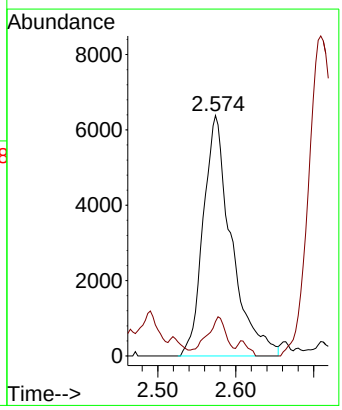


#11
Tert butyl alcohol
Concen: 9.995 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 59 Resp: 16068

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.8



5

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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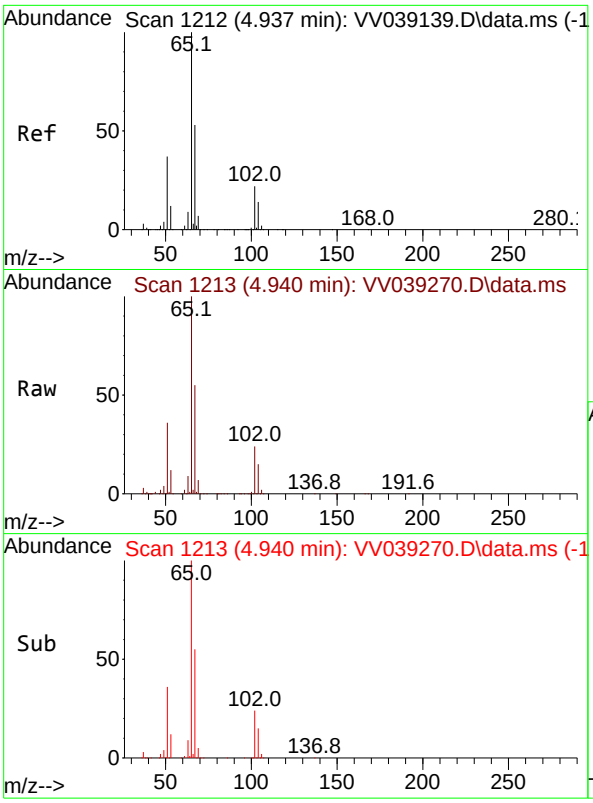
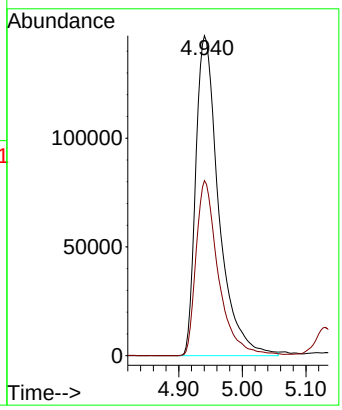
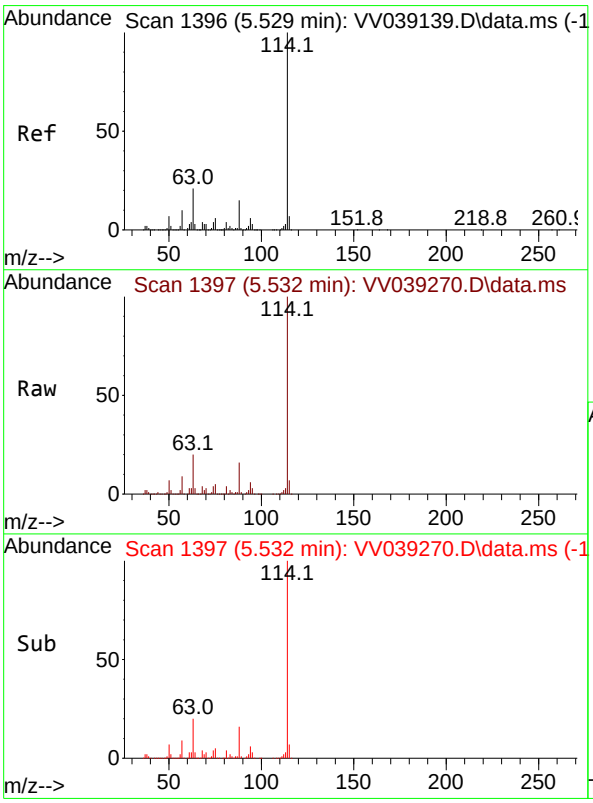


#33
1,2-Dichloroethane-d4
Concen: 48.536 ug/l
RT: 4.940 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 65 Resp: 36918

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.0

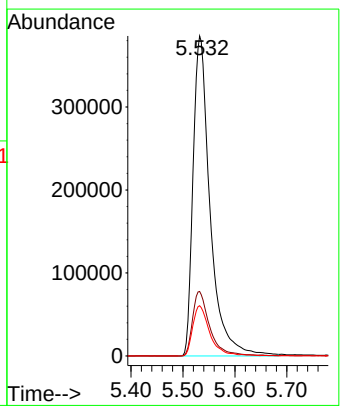


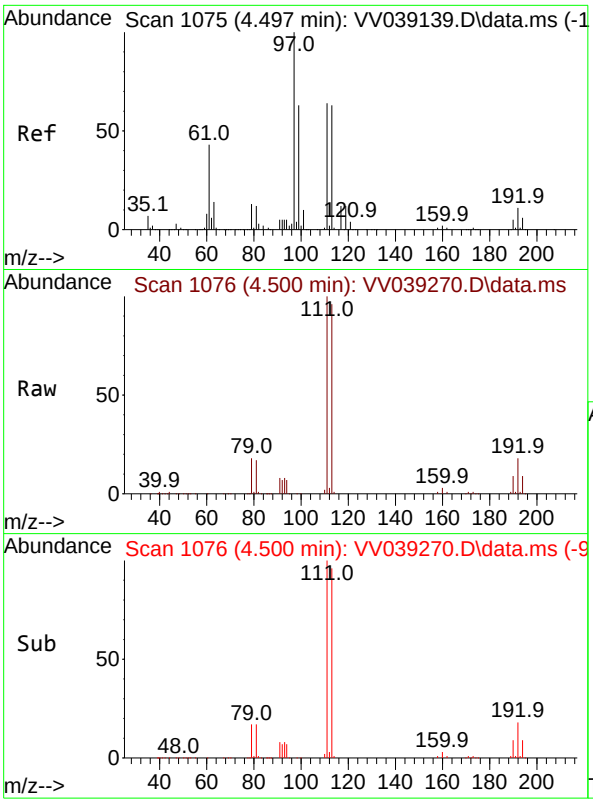


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:114 Resp: 878942

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

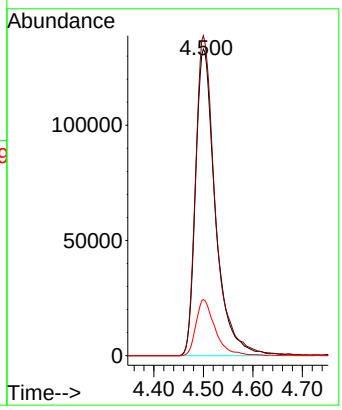




#35
Dibromofluoromethane
Concen: 52.516 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:113 Resp: 37107

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	17.8	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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Reviewed By :Mahesh Dadoda 10/07/2025
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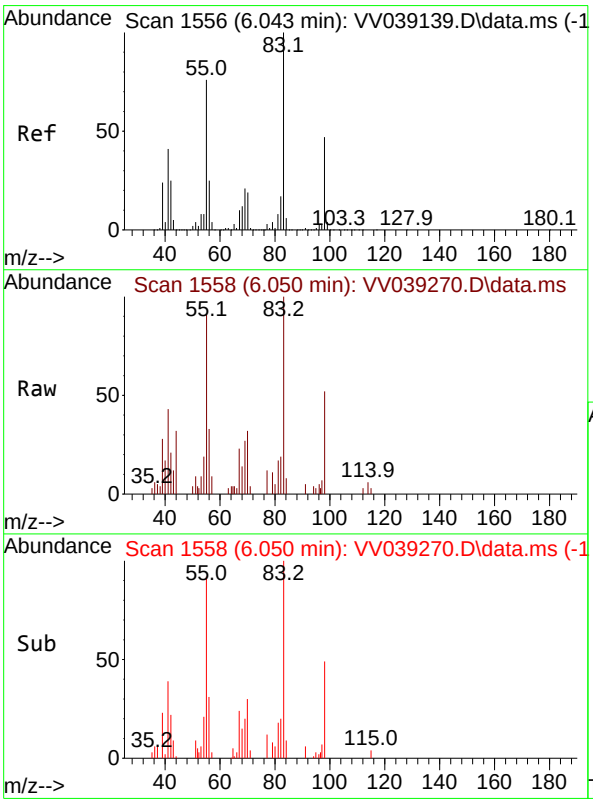
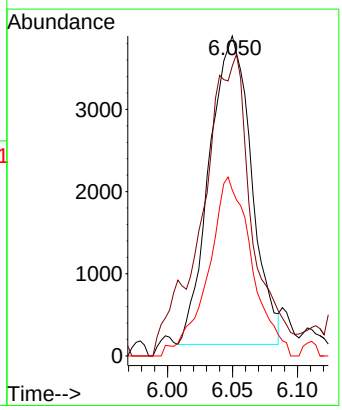
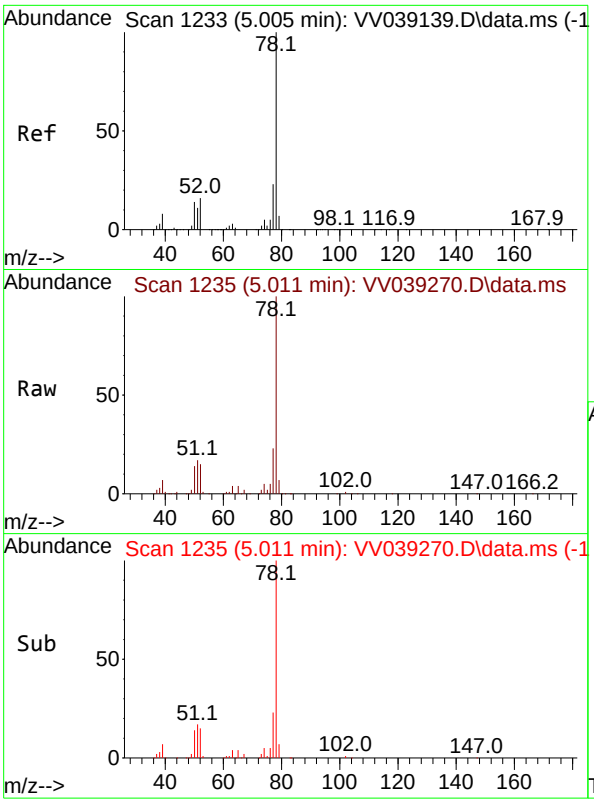


#39
Methylcyclohexane
Concen: 0.656 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 83 Resp: 8457

Ion	Ratio	Lower	Upper
83	100		
55	79.3	60.5	90.7
98	49.7	37.8	56.6

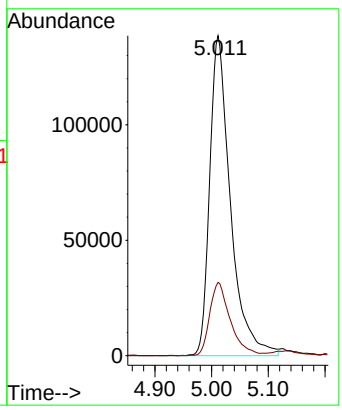




#40
Benzene
Concen: 10.112 ug/l
RT: 5.011 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 78 Resp: 35178

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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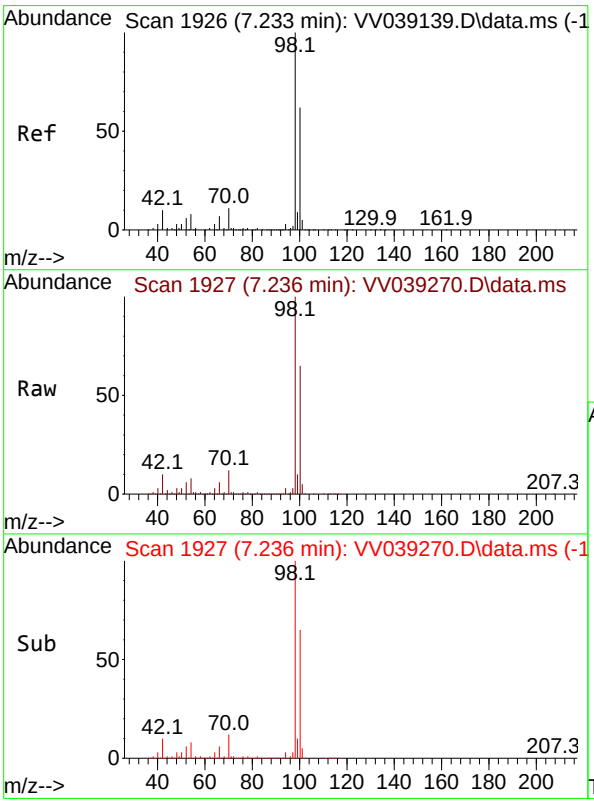
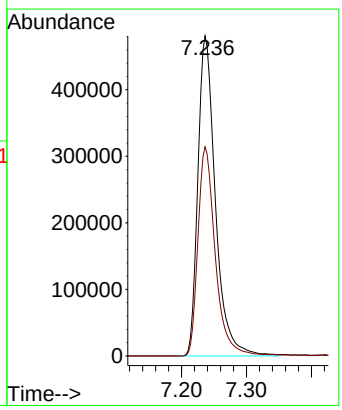
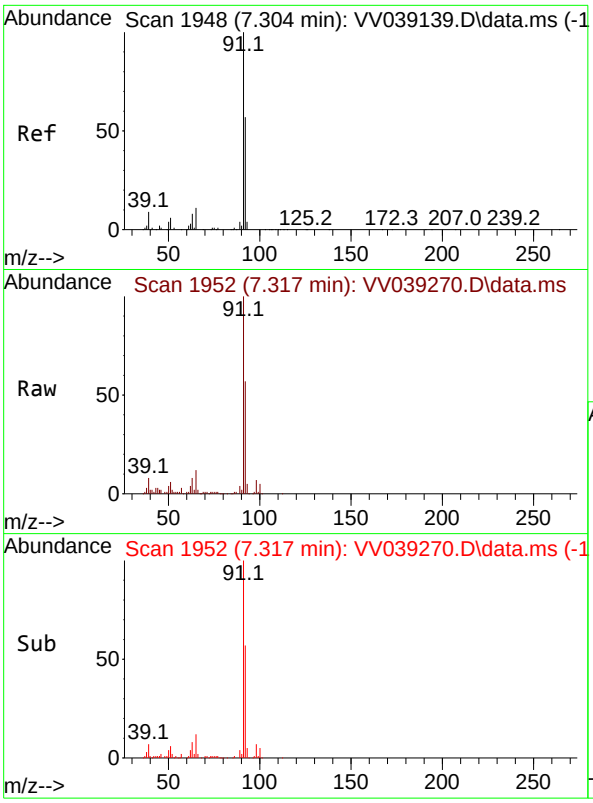


#50
Toluene-d8
Concen: 43.549 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 98 Resp: 903765

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





#52
Toluene
Concen: 3.557 ug/l
RT: 7.317 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 92 Resp: 7174

Ion	Ratio	Lower	Upper
92	100		
91	170.9	139.2	208.8

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
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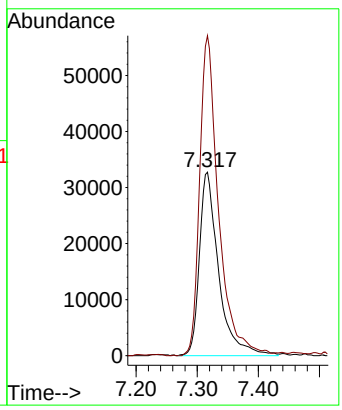
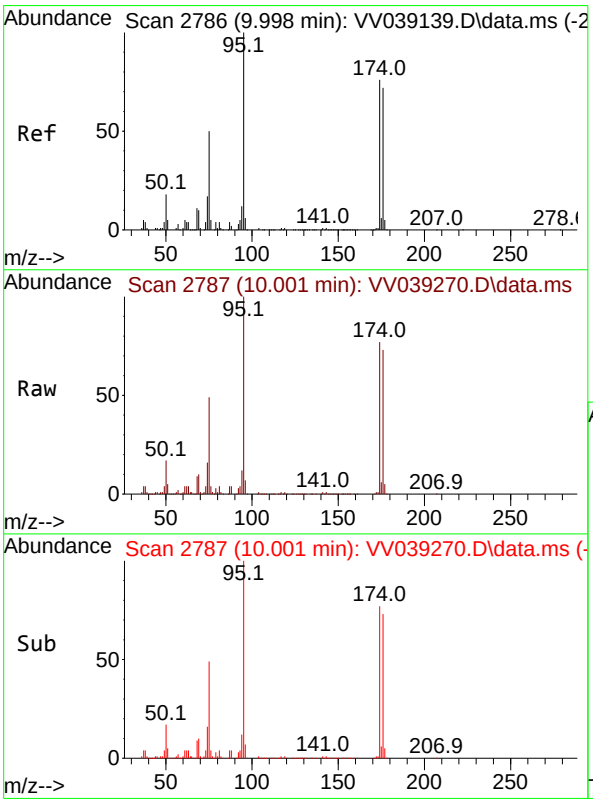
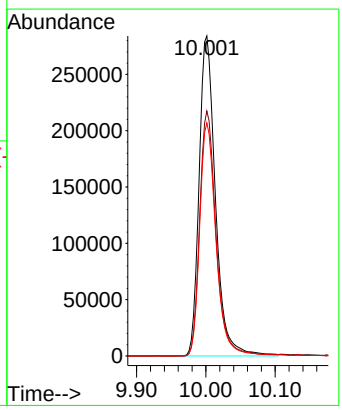


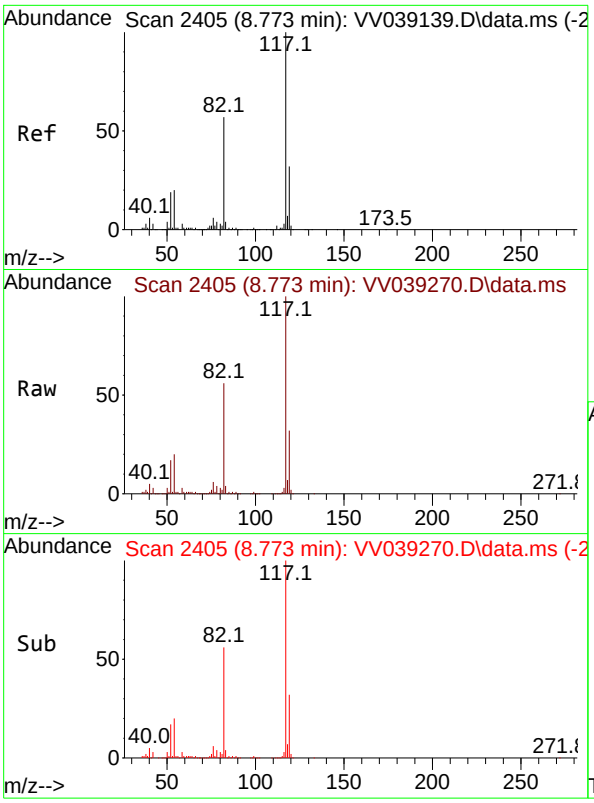


#62
4-Bromofluorobenzene
Concen: 54.598 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 95 Resp: 466453

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.4
176	72.7	0.0	144.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:117 Resp: 88656

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	31.9	25.6	38.4

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
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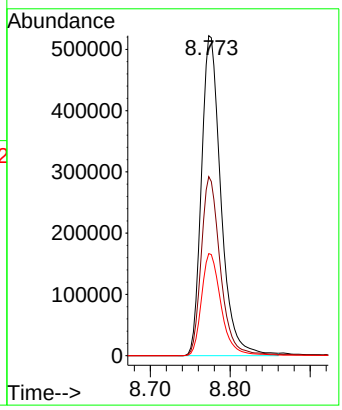
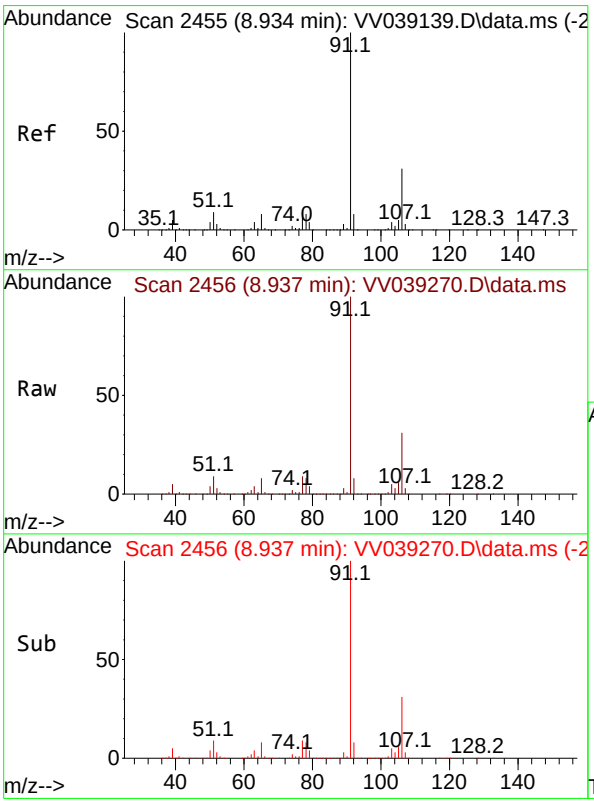
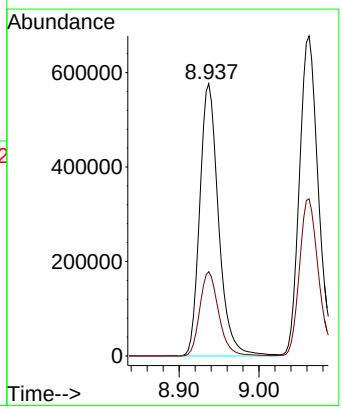


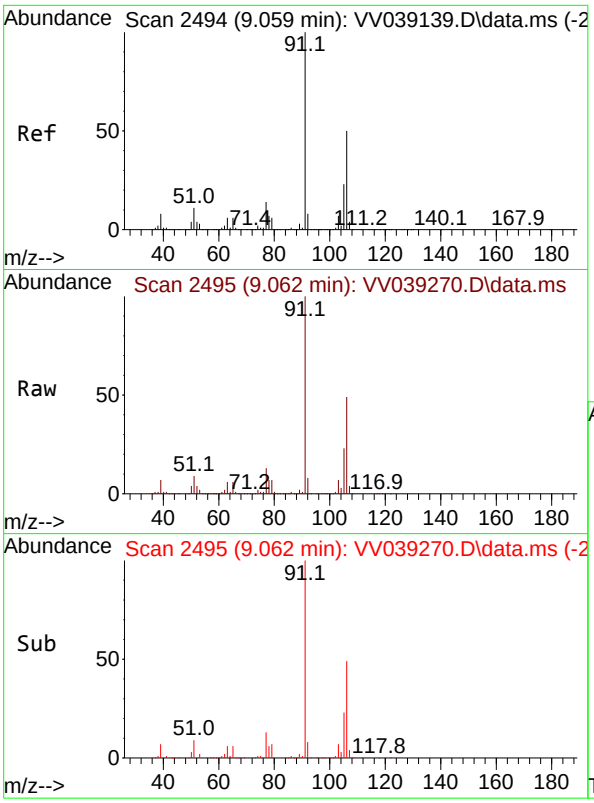


#67
Ethyl Benzene
Concen: 25.262 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 944302

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	37.0





#68
m/p-Xylenes
Concen: 38.352 ug/l
RT: 9.062 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

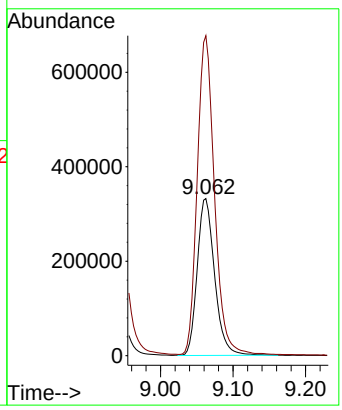
Tgt Ion:106 Resp: 55332

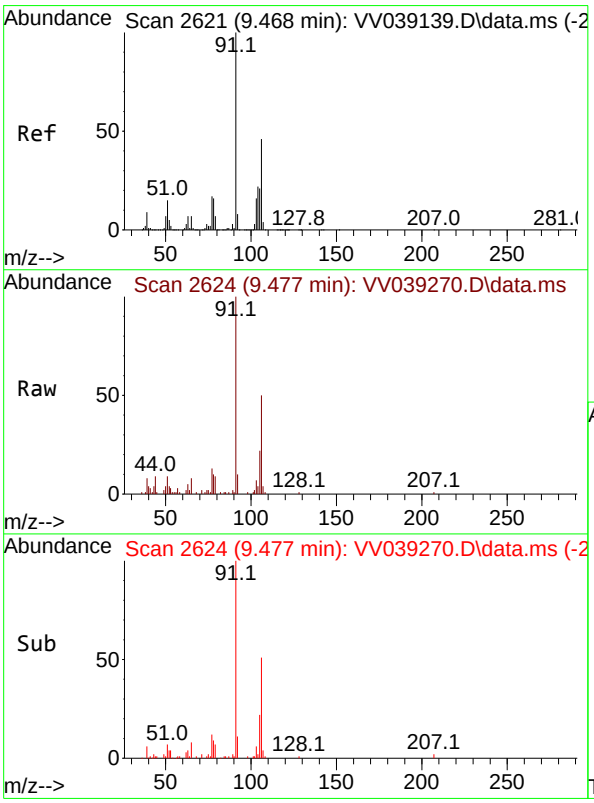
Ion	Ratio	Lower	Upper
106	100		
91	204.4	162.5	243.7

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

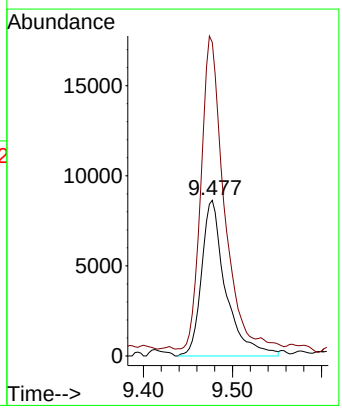


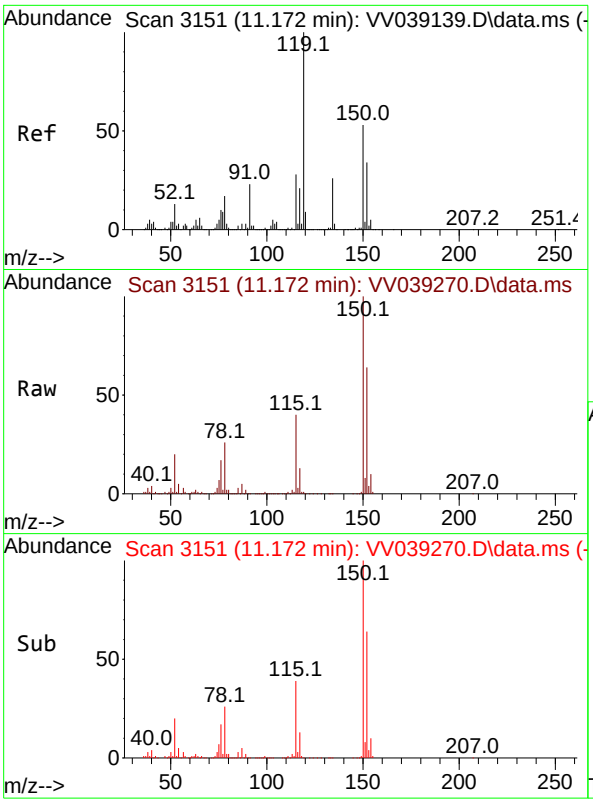


#69
o-Xylene
Concen: 1.266 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:106 Resp: 16173

Ion	Ratio	Lower	Upper
106	100		
91	187.7	109.1	327.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:152 Resp: 51442

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.8	134.4
150	158.1	0.0	353.8

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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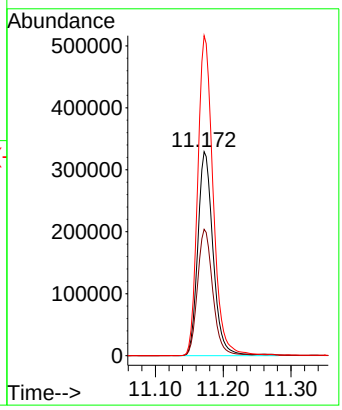
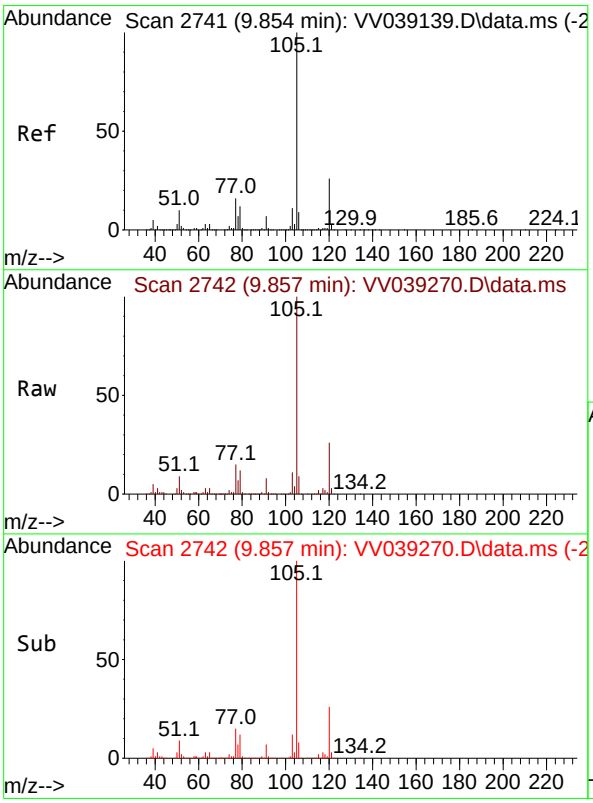
Supervised By :Semsettin Yesilyurt 10/07/2025

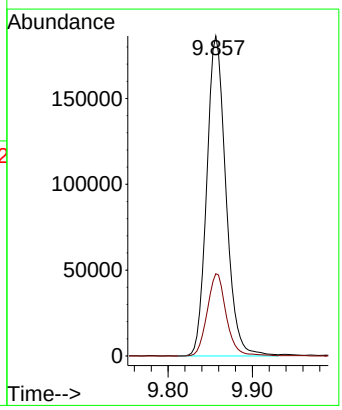


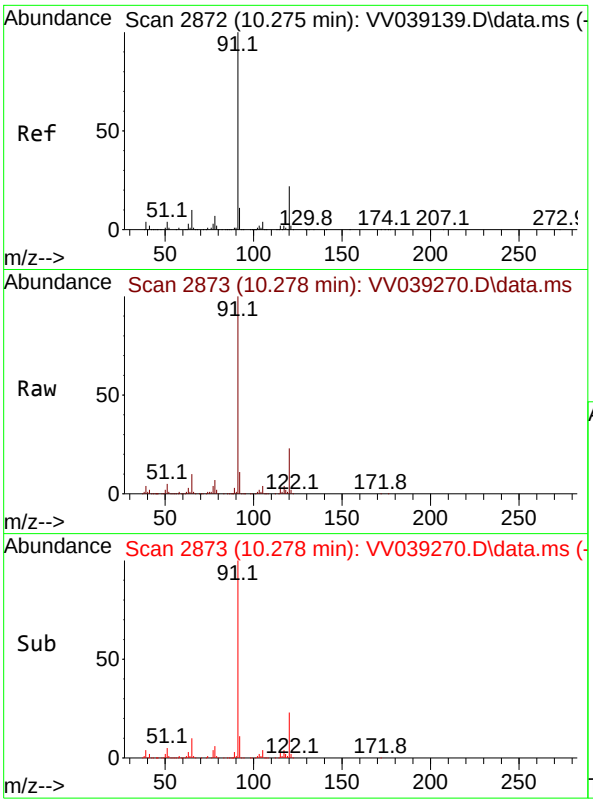


#73
Isopropylbenzene
Concen: 7.897 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 294641

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1

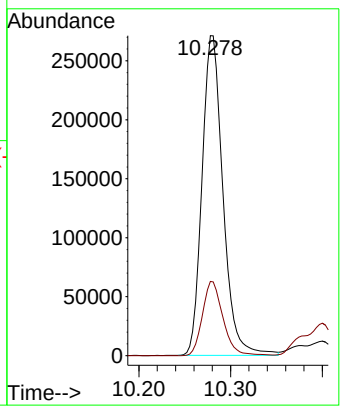




#78
n-propylbenzene
Concen: 9.490 ug/l
RT: 10.278 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 43119

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.1	33.3



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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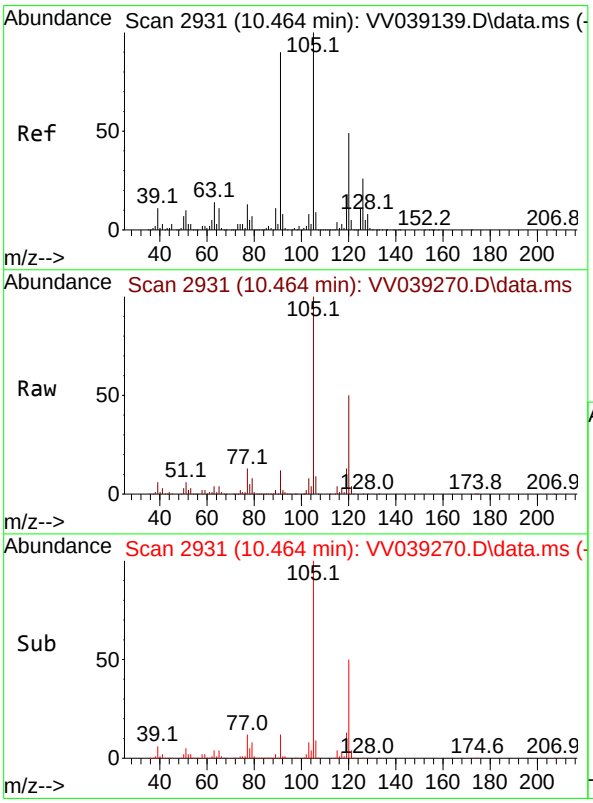
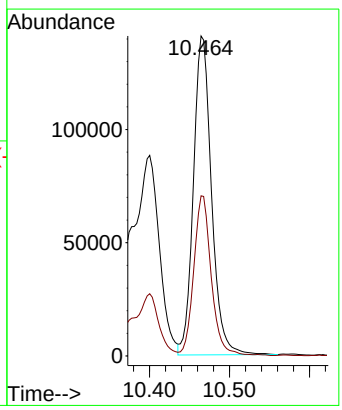
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

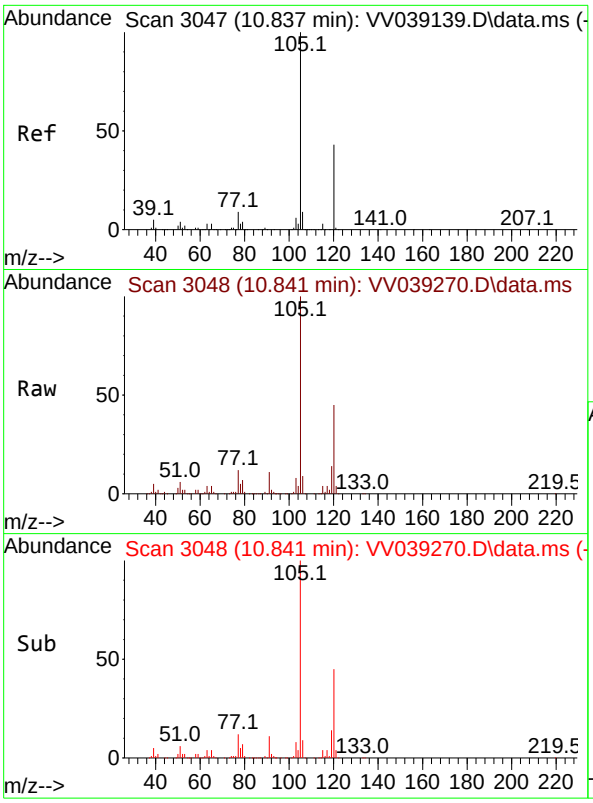


#80
1,3,5-Trimethylbenzene
Concen: 7.148 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 221695

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.3	72.8





#84
1,2,4-Trimethylbenzene
Concen: 9.834 ug/l
RT: 10.841 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 29608

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.2

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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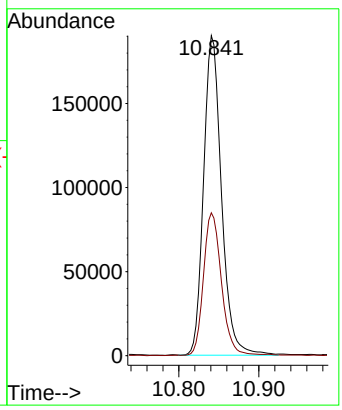
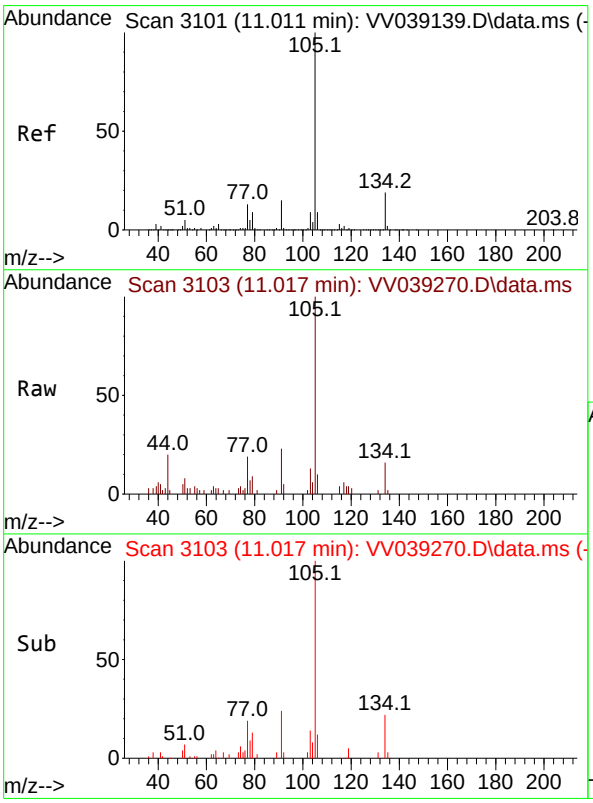
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

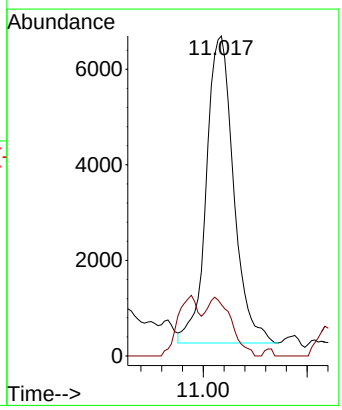


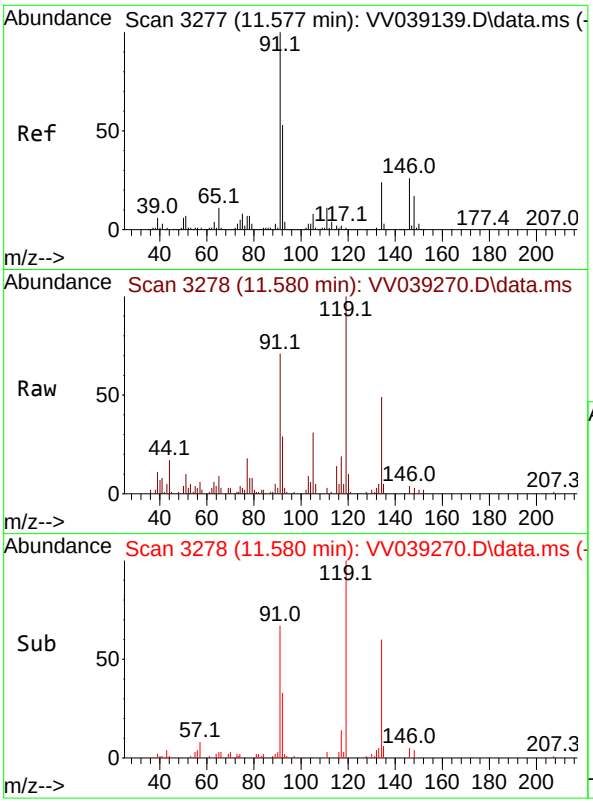


#85
sec-Butylbenzene
Concen: 0.285 ug/l
RT: 11.017 min Scan# 3103
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 11710

Ion	Ratio	Lower	Upper
105	100		
134	16.4	9.6	28.8

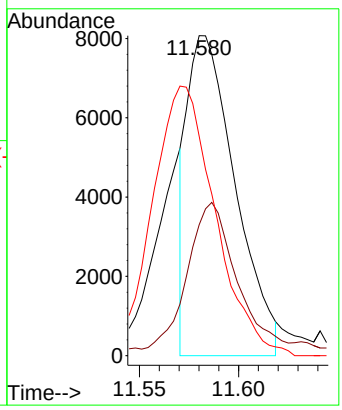




#89
n-Butylbenzene
Concen: 0.416 ug/l m
RT: 11.580 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 1356

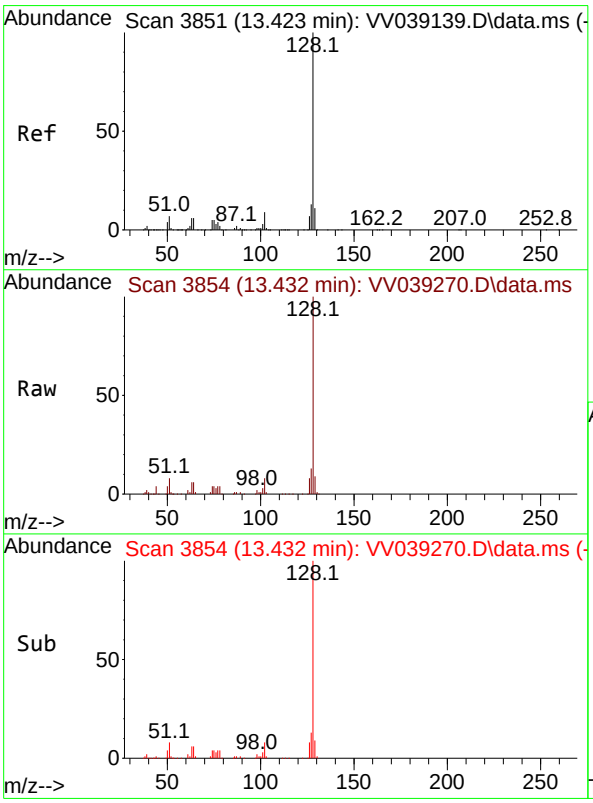
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.6	79.8
134	110.4	12.1	36.3#



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

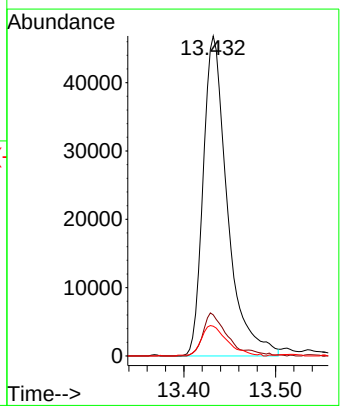
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#95
Naphthalene
Concen: 2.539 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.009 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:128 Resp: 86115

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.2	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048020.D
Acq On : 06 Oct 2025 13:46
Operator : JC/MD
Sample : Q3201-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 02:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	146182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	297329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	308048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123546	53.096	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	97484	48.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.634	98	335535	48.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.067	95	150068	57.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.620%			
Target Compounds						Qvalue
31) Cyclohexane	5.458	56	14656	4.767	ug/l #	93
39) Methylcyclohexane	7.366	83	8109	2.452	ug/l	97
40) Benzene	6.025	78	29927	3.382	ug/l	97
52) Toluene	8.701	92	192829	35.366	ug/l	100
67) Ethyl Benzene	10.177	91	761741	63.084	ug/l	100
68) m/p-Xylenes	10.286	106	284682	63.341	ug/l	99
69) o-Xylene	10.628	106	63069	14.508	ug/l	99
73) Isopropylbenzene	10.945	105	198038	16.286	ug/l	99
78) n-propylbenzene	11.286	91	250618	17.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	120013	12.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.737	105	244190	24.109	ug/l	100
85) sec-Butylbenzene	11.872	105	5740m	0.473	ug/l	
89) n-Butylbenzene	12.304	91	5714m	0.600	ug/l	
95) Naphthalene	13.755	128	96158	9.168	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048020.D
Acq On : 06 Oct 2025 13:46
Operator : JC/MD
Sample : Q3201-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 02:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
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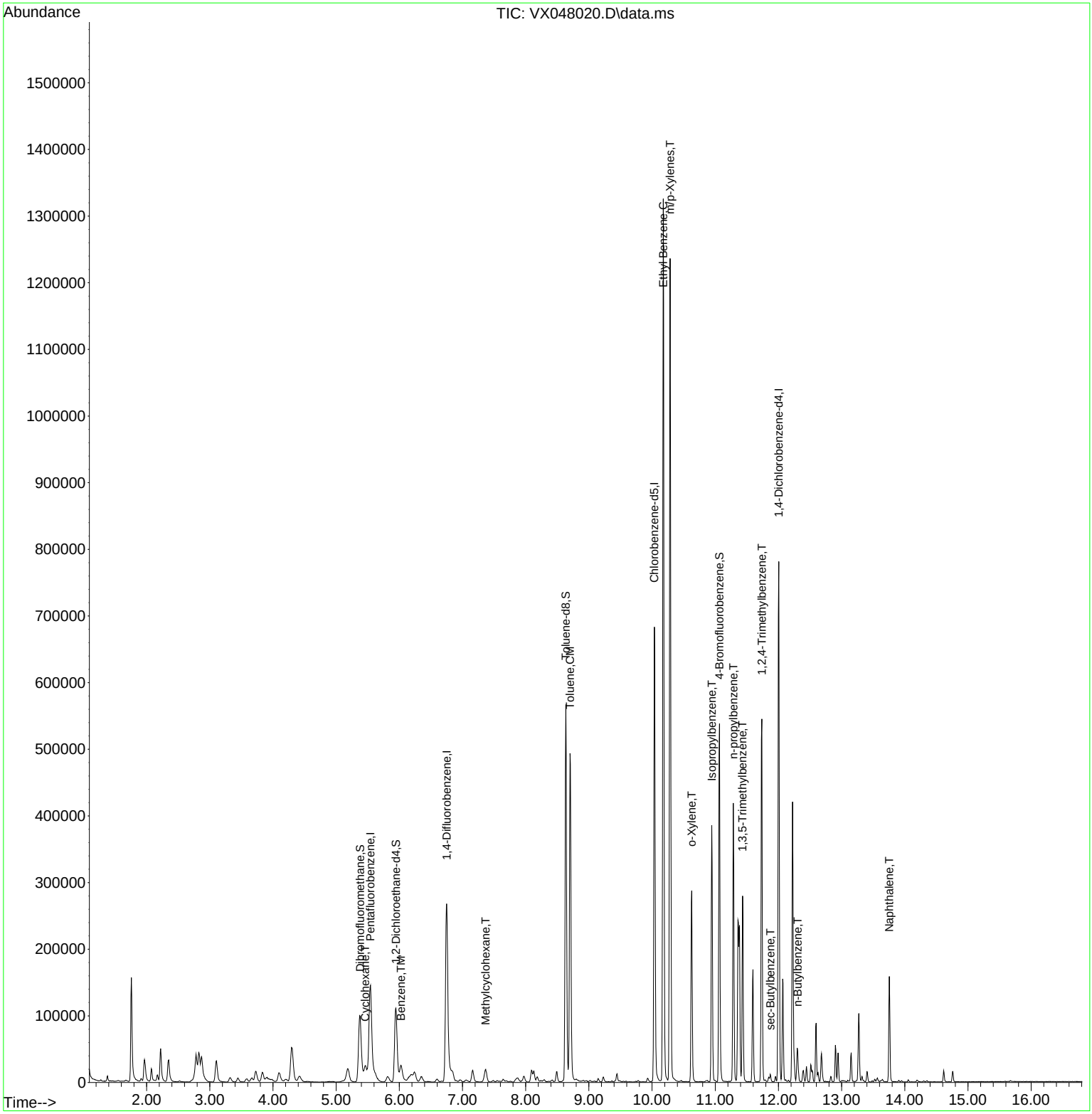
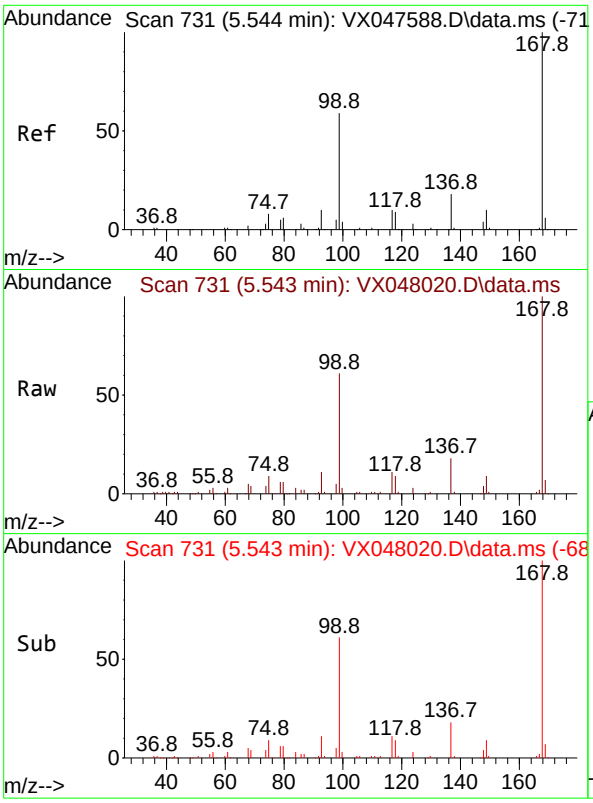




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

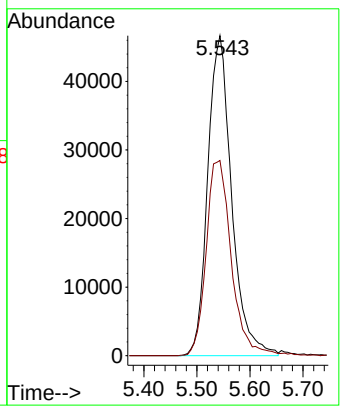
Tgt Ion:168 Resp: 14618

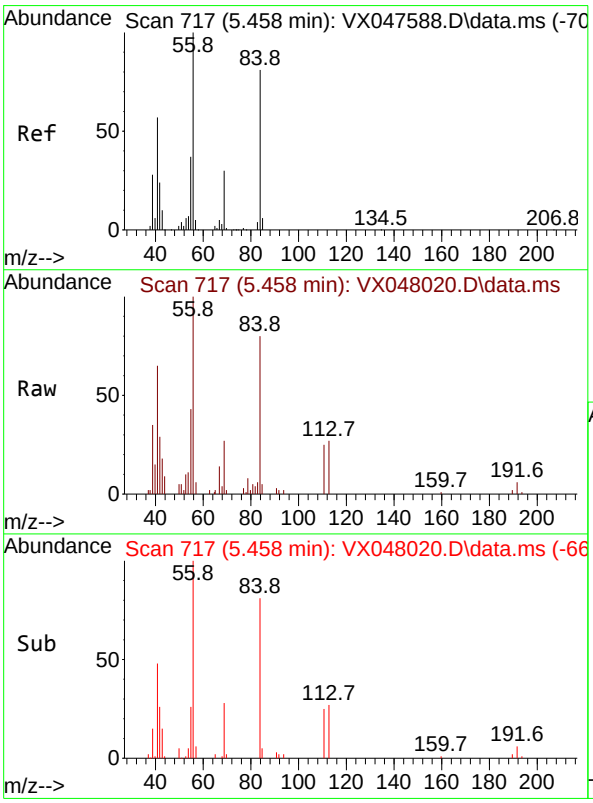
Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

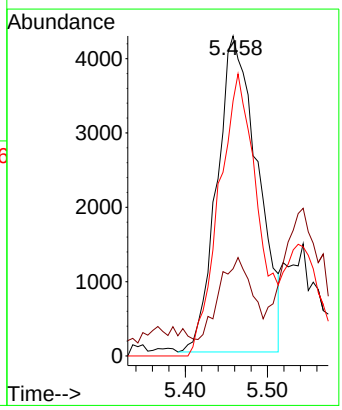




#31
Cyclohexane
Concen: 4.767 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 56 Resp: 14656

Ion	Ratio	Lower	Upper
56	100		
69	23.2	23.8	35.8#
84	85.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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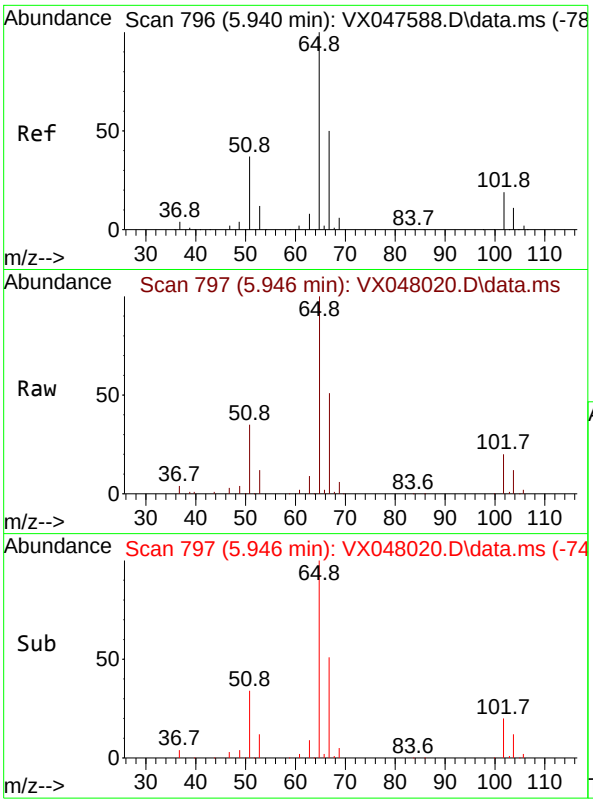
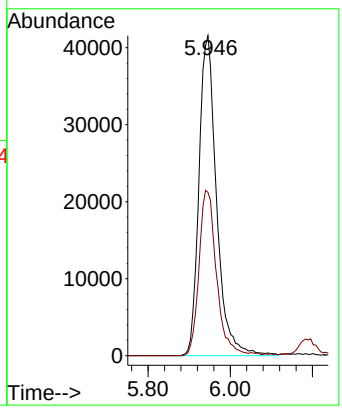
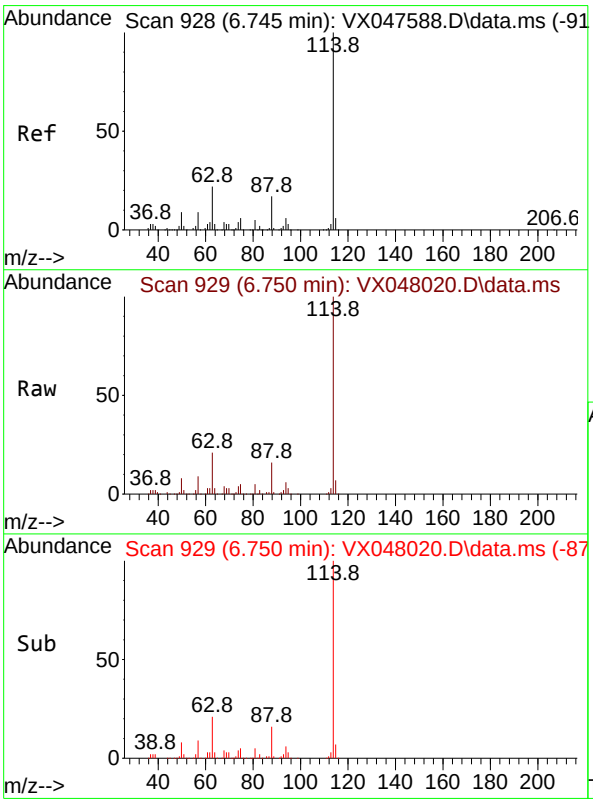


#33
1,2-Dichloroethane-d4
Concen: 53.096 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 65 Resp: 12354

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

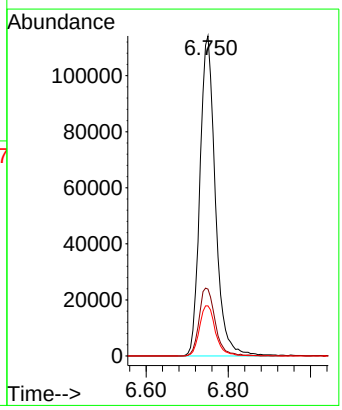


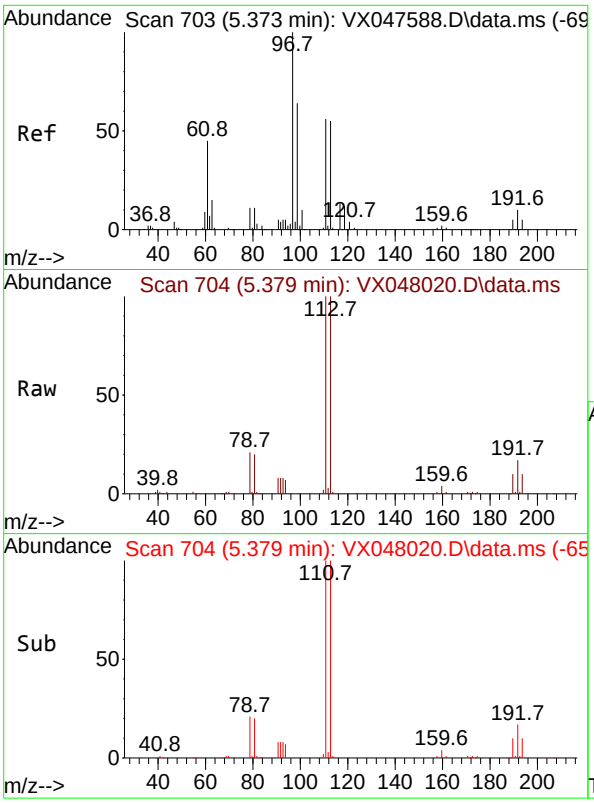


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:114 Resp: 297329

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	15.6	0.0	34.2

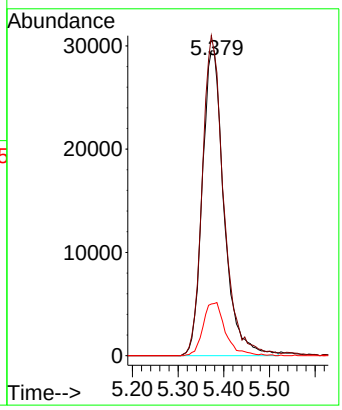




#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:113 Resp: 9748

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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Reviewed By :John Carlone 10/07/2025
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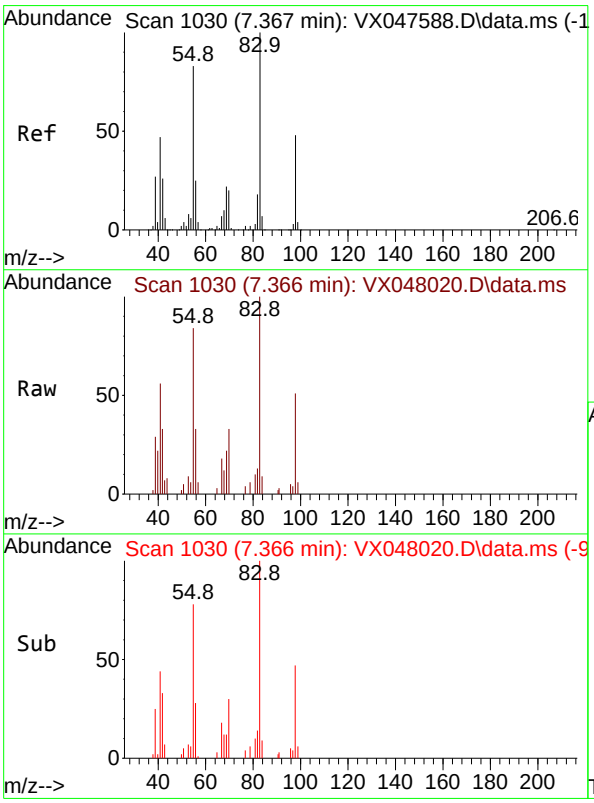
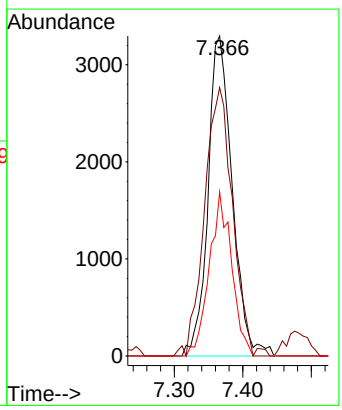
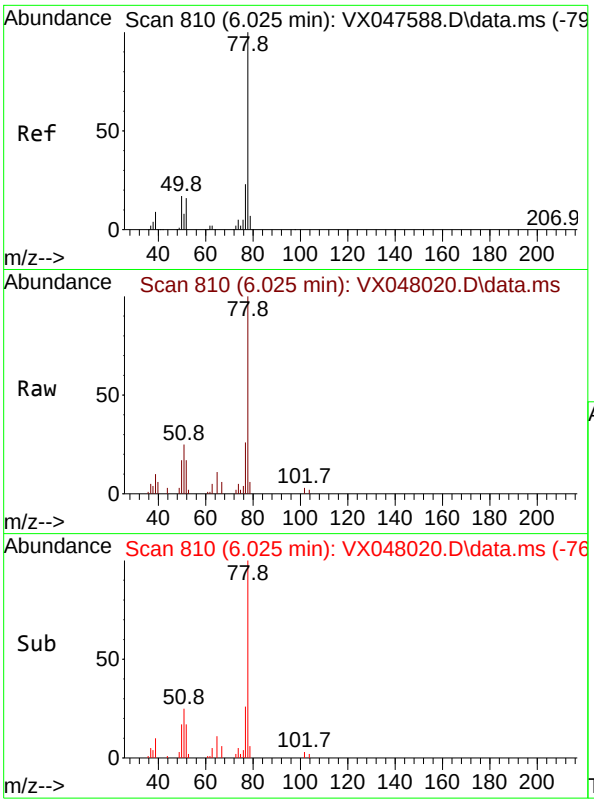


#39
Methylcyclohexane
Concen: 2.452 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 83 Resp: 8109

Ion	Ratio	Lower	Upper
83	100		
55	81.9	66.4	99.6
98	51.3	38.1	57.1

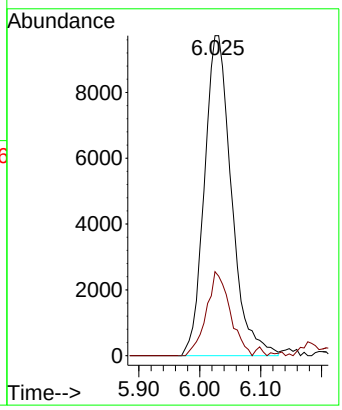




#40
Benzene
Concen: 3.382 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 78 Resp: 2992

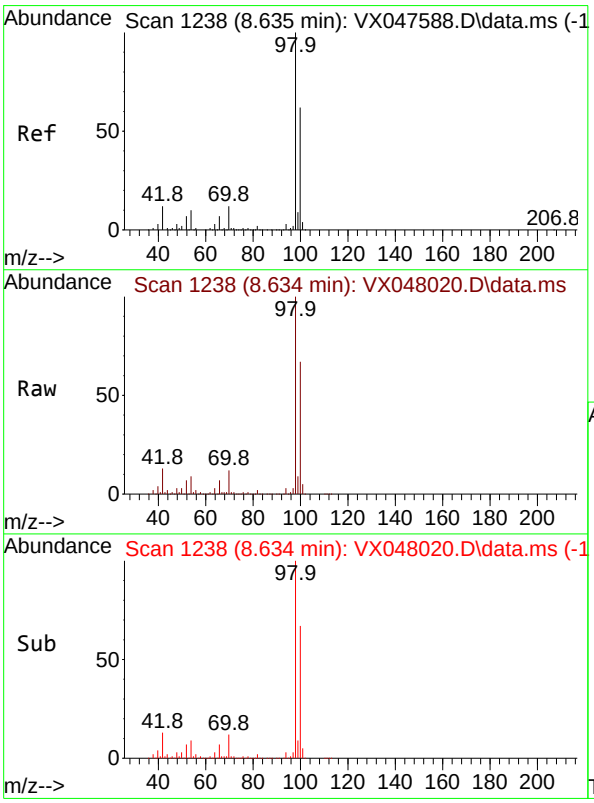
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

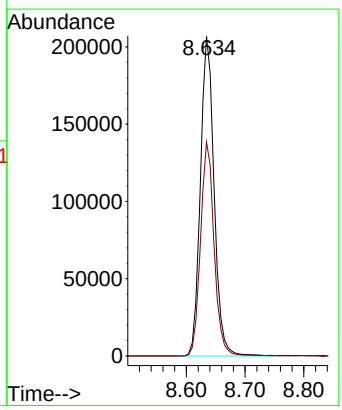
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

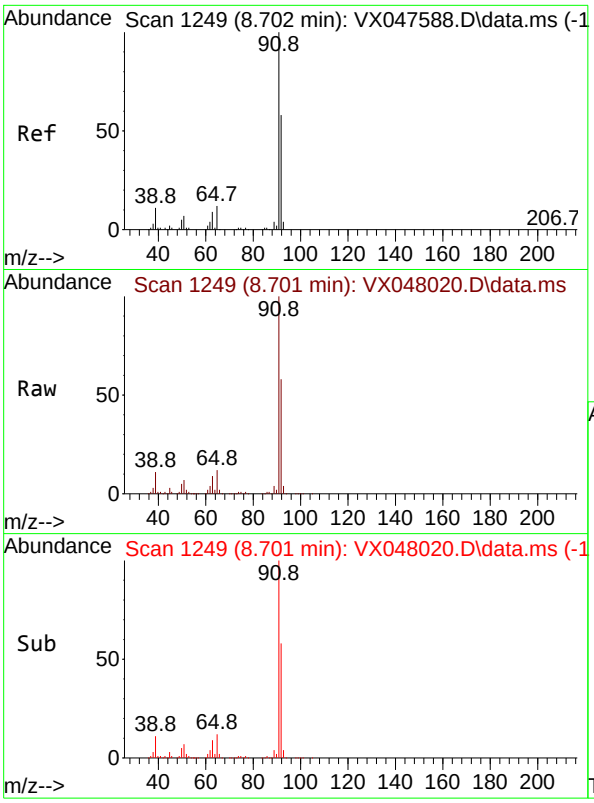


#50
Toluene-d8
Concen: 48.630 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 98 Resp: 335535

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#52
Toluene
Concen: 35.366 ug/l
RT: 8.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 92 Resp: 19282

Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.1	205.7

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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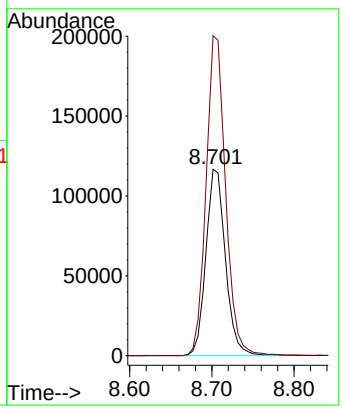
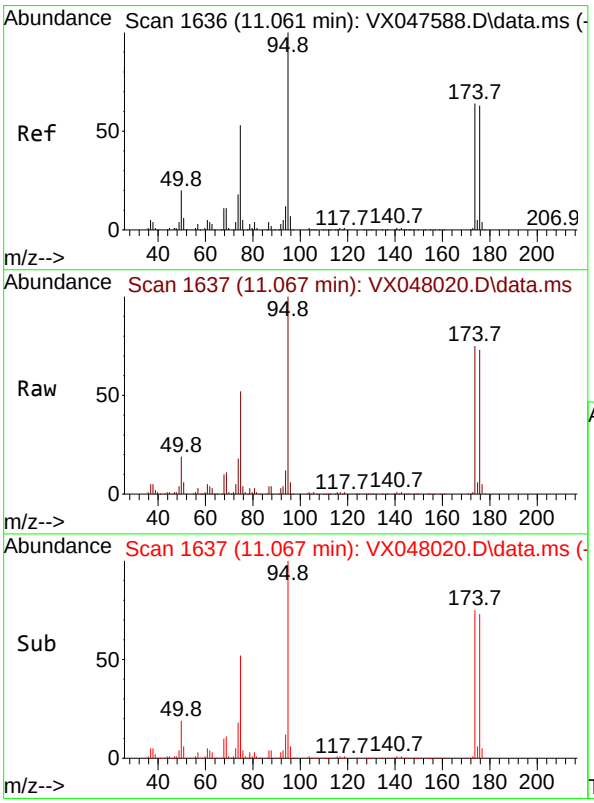
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

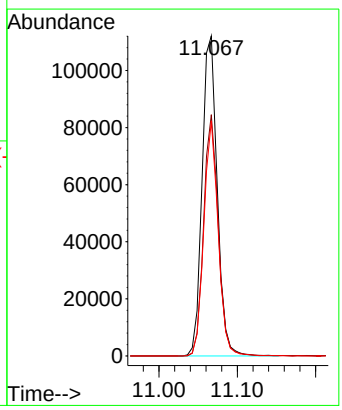


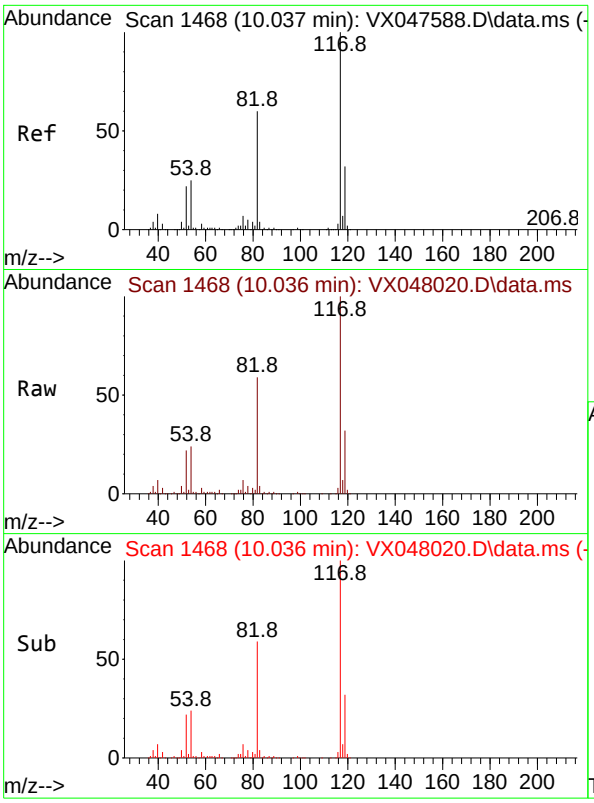


#62
4-Bromofluorobenzene
Concen: 57.308 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 95 Resp: 150068

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

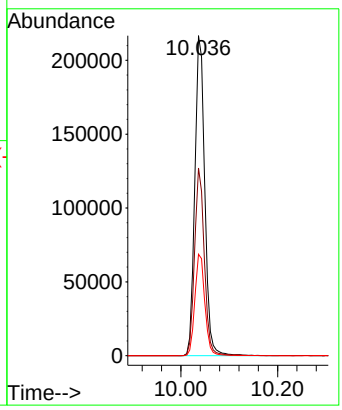
Tgt Ion:117 Resp: 30804

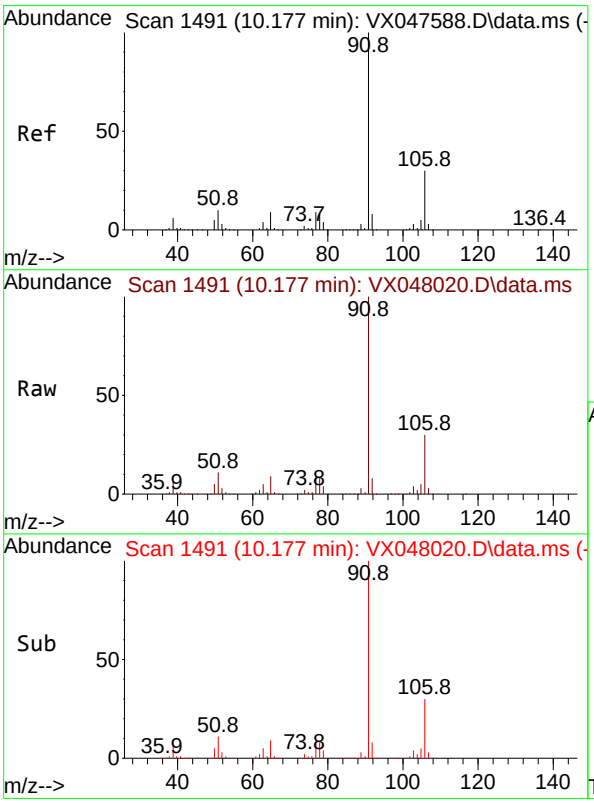
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.6
119	31.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

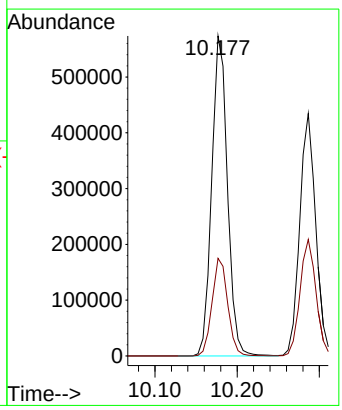


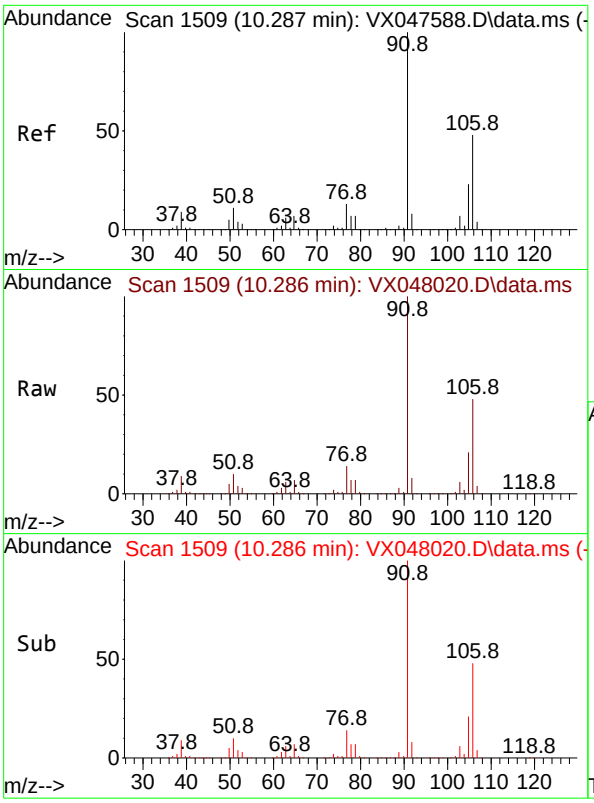


#67
Ethyl Benzene
Concen: 63.084 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 761741

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5





#68
m/p-Xylenes
Concen: 63.341 ug/l
RT: 10.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:106 Resp: 28468

Ion	Ratio	Lower	Upper
106	100		
91	207.6	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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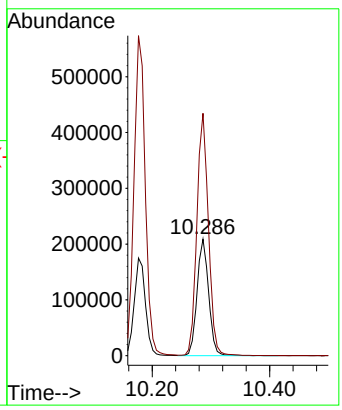
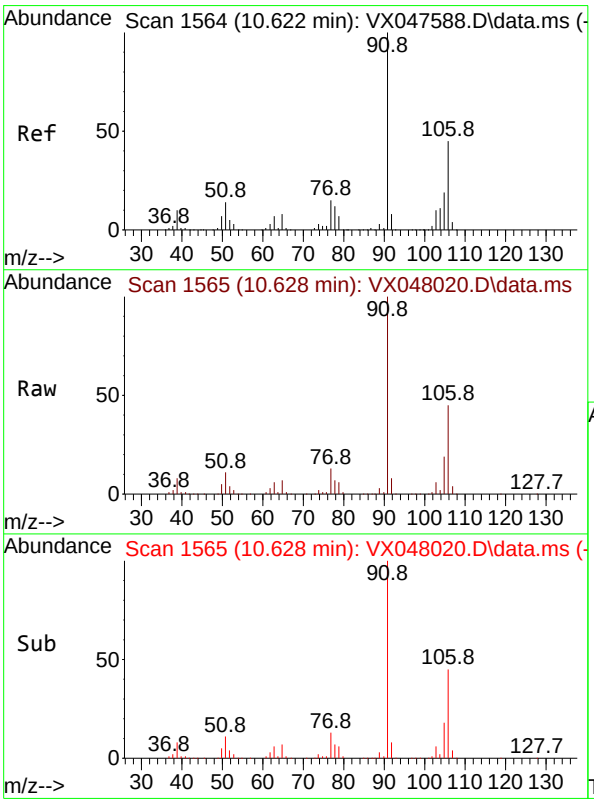
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

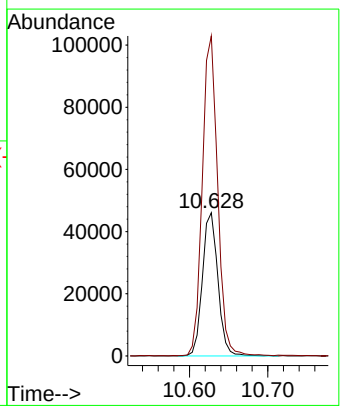


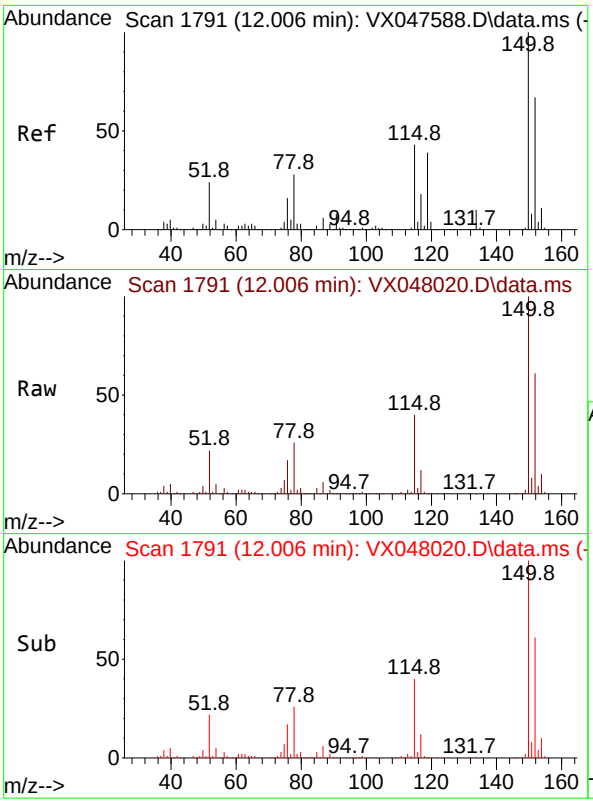


#69
o-Xylene
Concen: 14.508 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:106 Resp: 63069

Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.1	333.4

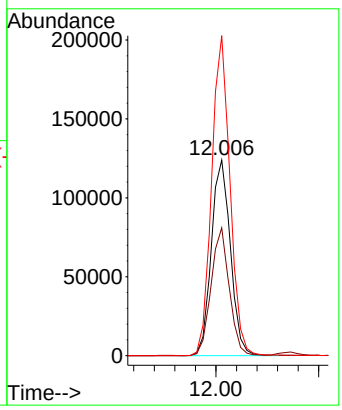




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:152 Resp: 15994

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.5	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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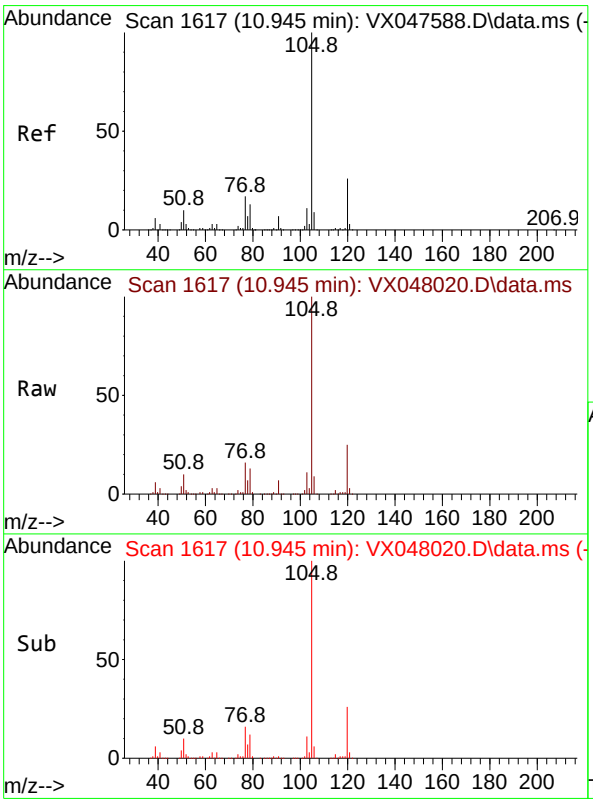
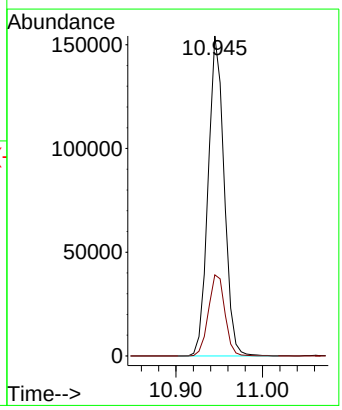
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

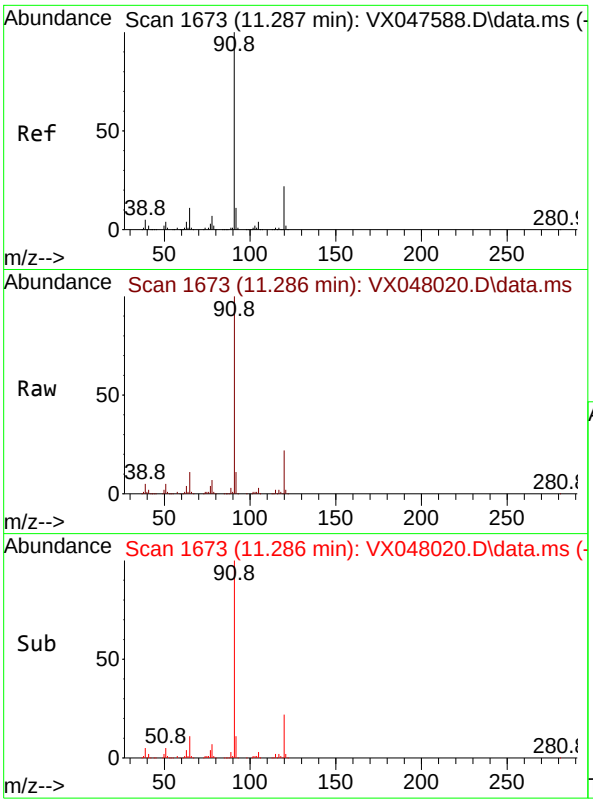


#73
Isopropylbenzene
Concen: 16.286 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 198038

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

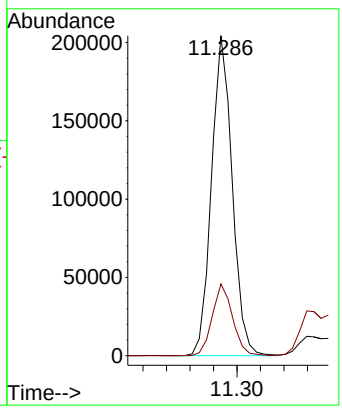




#78
n-propylbenzene
Concen: 17.435 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 25061

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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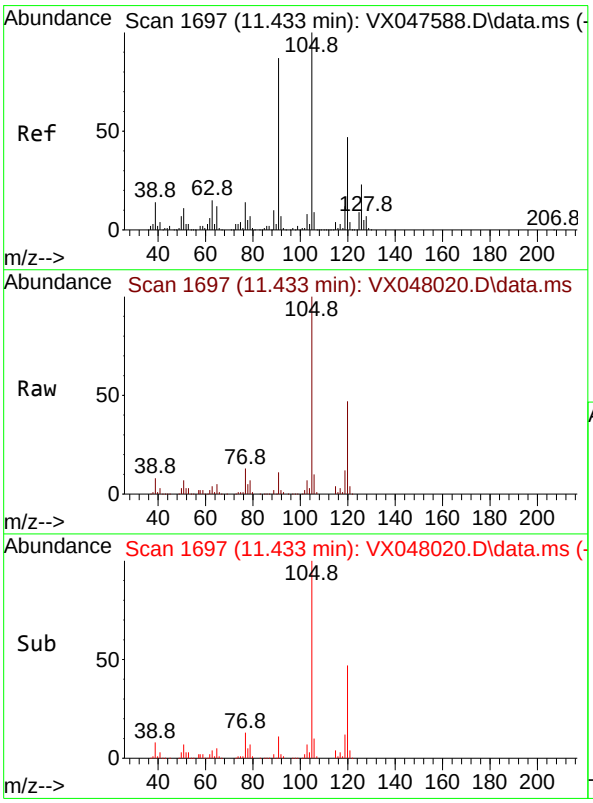
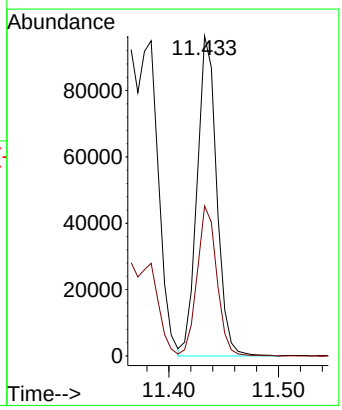
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

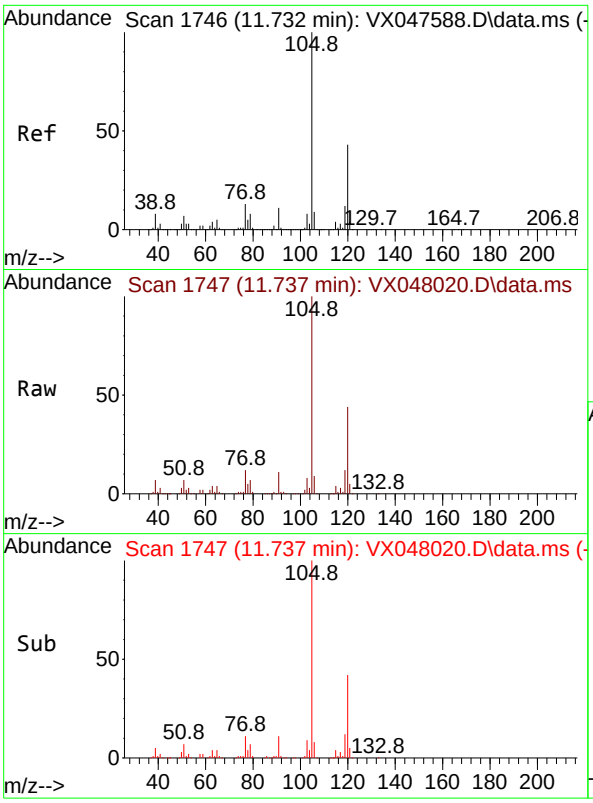


#80
1,3,5-Trimethylbenzene
Concen: 12.013 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 120013

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

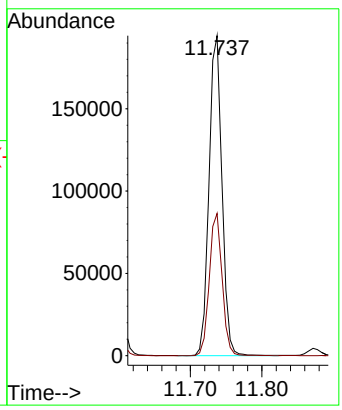




#84
1,2,4-Trimethylbenzene
Concen: 24.109 ug/l
RT: 11.737 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 24419

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
MW3

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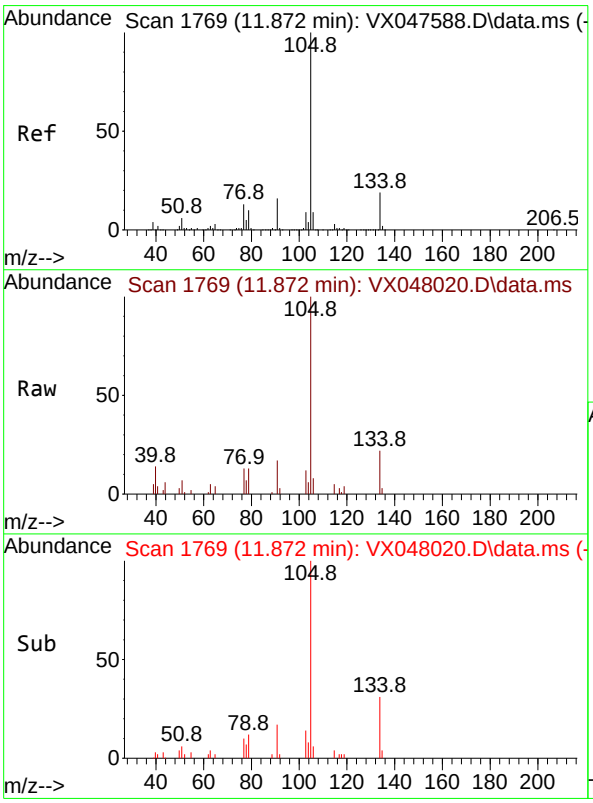
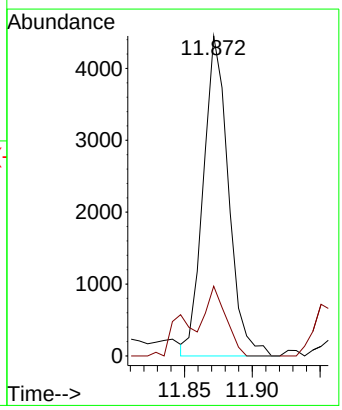
Supervised By :Mahesh Dadoda 10/07/2025

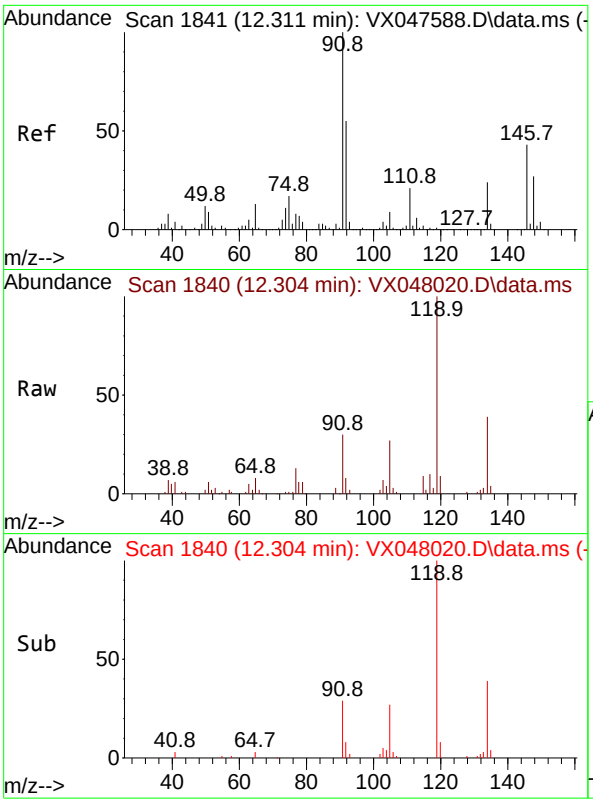


#85
sec-Butylbenzene
Concen: 0.473 ug/l m
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 5740

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#

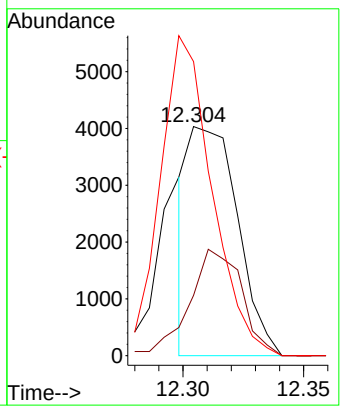




#89
n-Butylbenzene
Concen: 0.600 ug/l m
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 571

Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.6	82.7
134	147.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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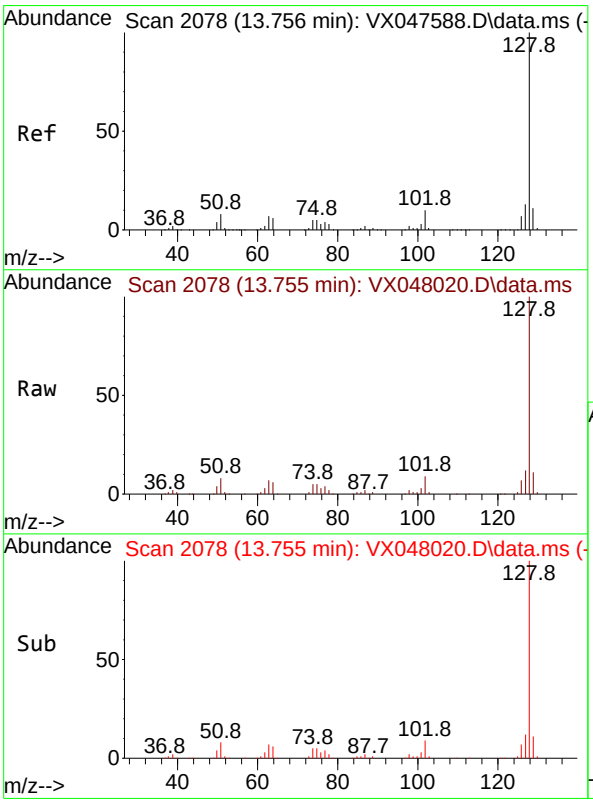
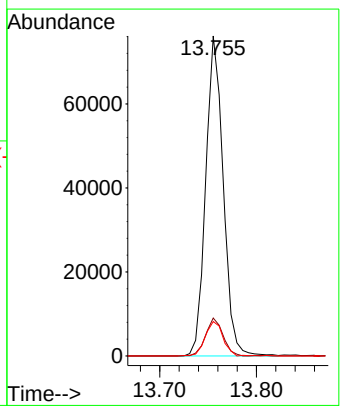
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#95
Naphthalene
Concen: 9.168 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:128 Resp: 96158

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	11.0	8.8	13.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039249.D
Acq On : 03 Oct 2025 15:04
Operator : SY/MD
Sample : Q3201-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 04 01:11:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

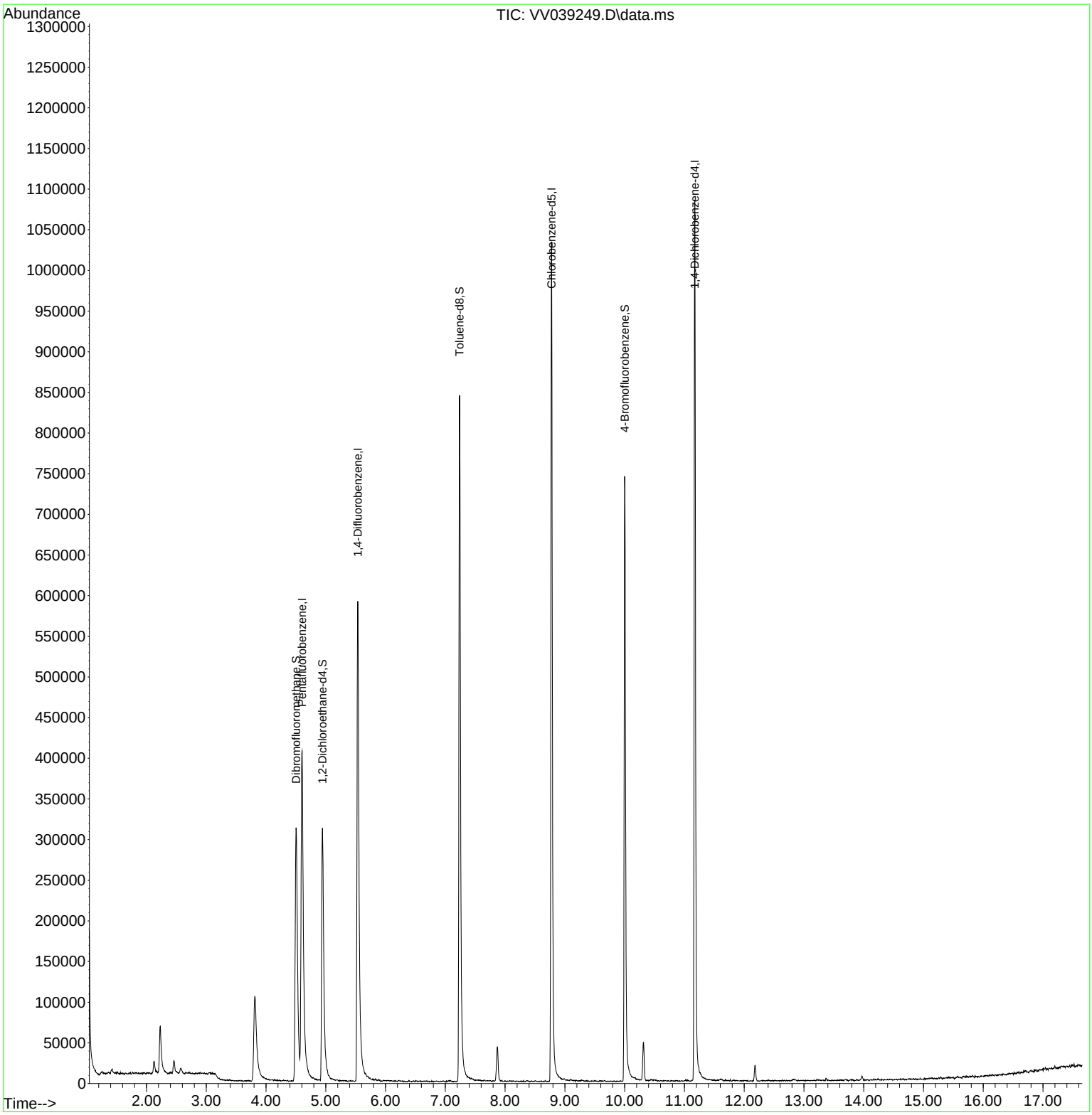
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	349814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	588713	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	608055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	300076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	283815	56.058	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 112.120%			
35) Dibromofluoromethane	4.503	113	269374	56.917	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 113.840%			
50) Toluene-d8	7.236	98	625684	45.013	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.020%			
62) 4-Bromofluorobenzene	10.001	95	253724	44.339	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.680%			
Target Compounds						Qvalue

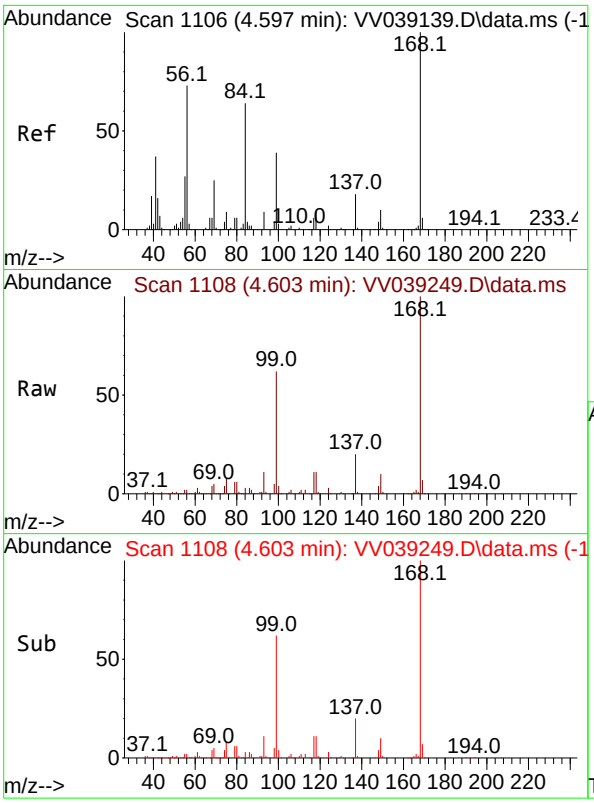
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039249.D
Acq On : 03 Oct 2025 15:04
Operator : SY/MD
Sample : Q3201-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 04 01:11:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



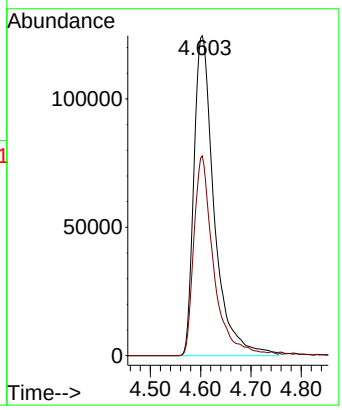


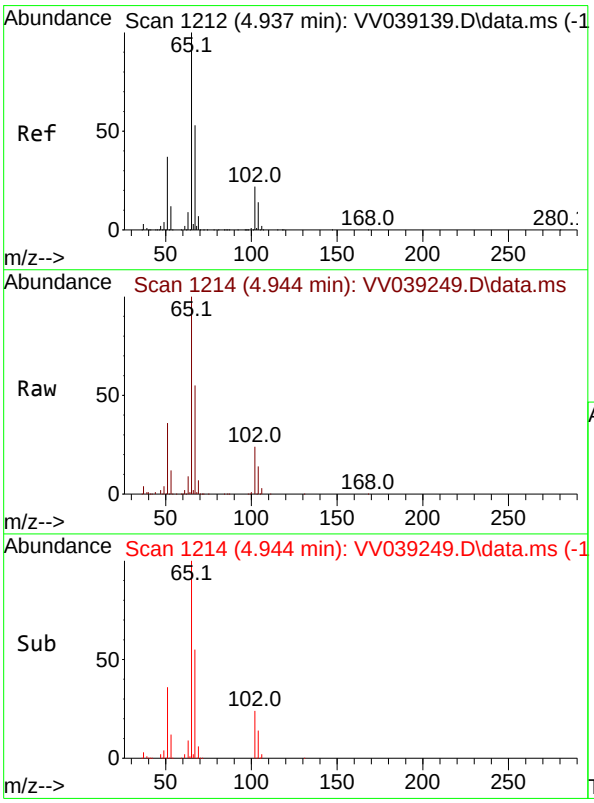
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 349814

Ion	Ratio	Lower	Upper
168	100		
99	62.5	49.6	74.4

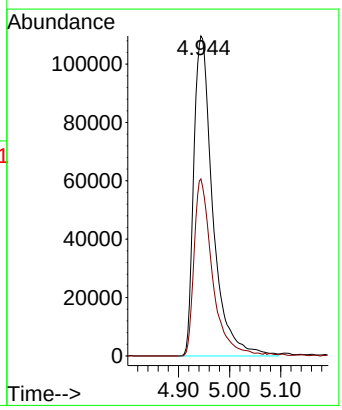


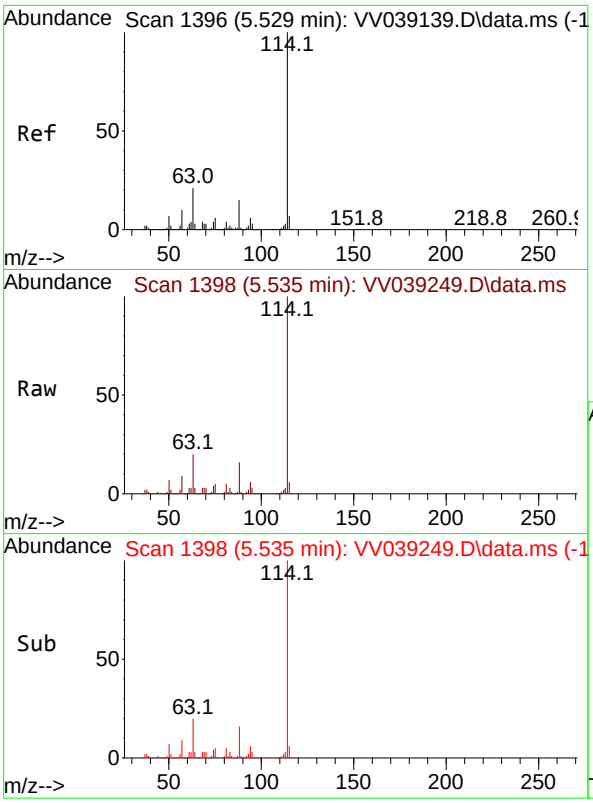


#33
1,2-Dichloroethane-d4
Concen: 56.058 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion: 65 Resp: 283815

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



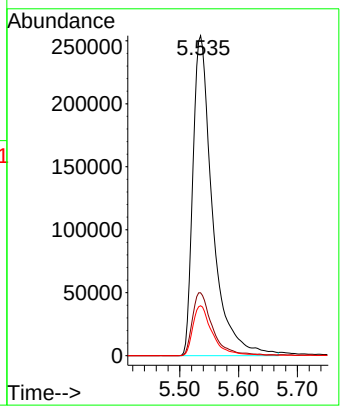


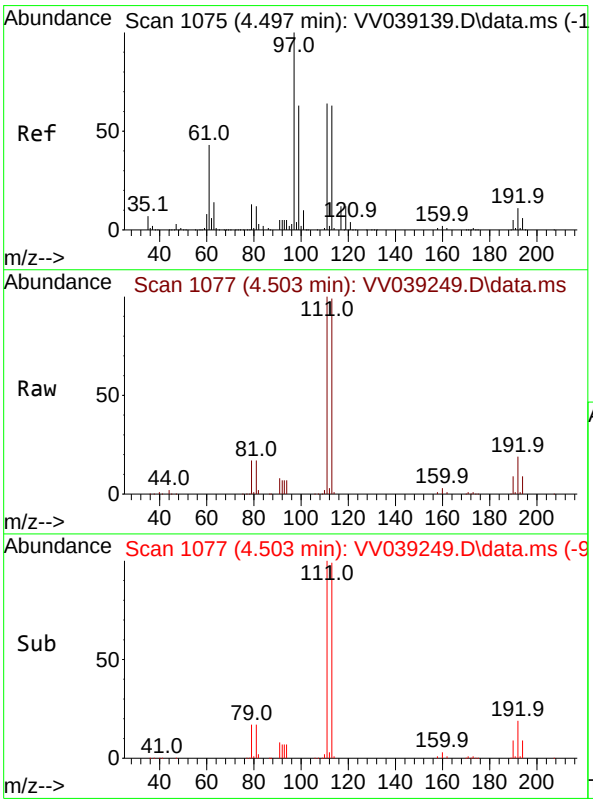
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:114 Resp: 588713

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	15.6	0.0	30.8

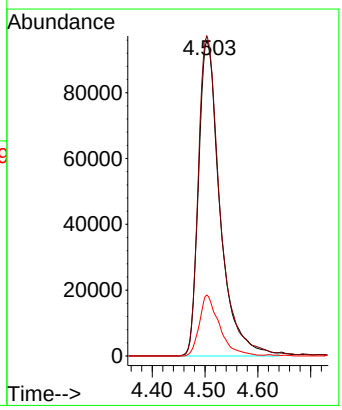


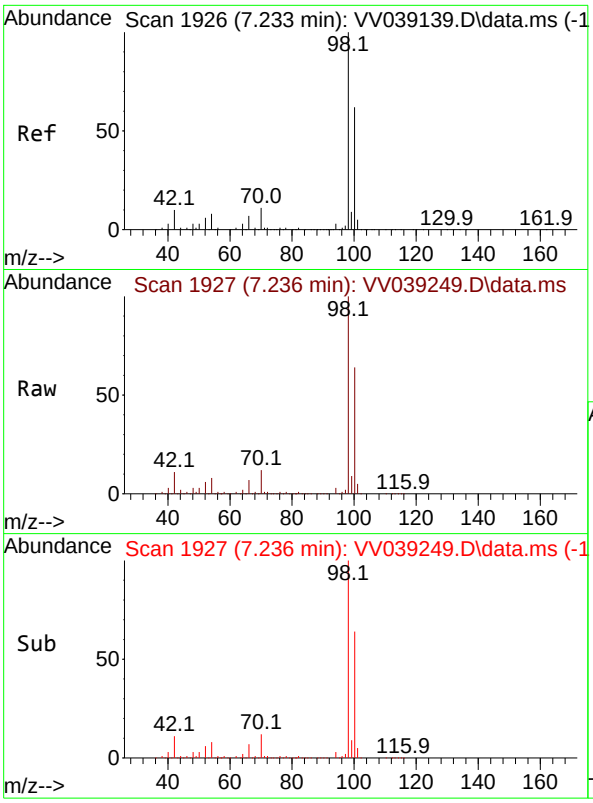


#35
Dibromofluoromethane
Concen: 56.917 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion:113 Resp: 269374

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	18.2	13.8	20.8



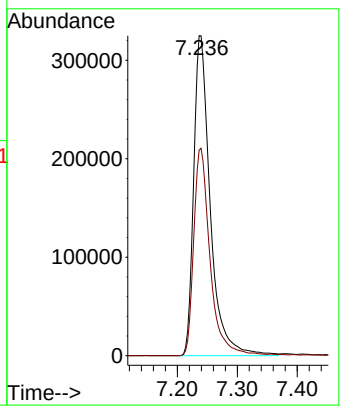


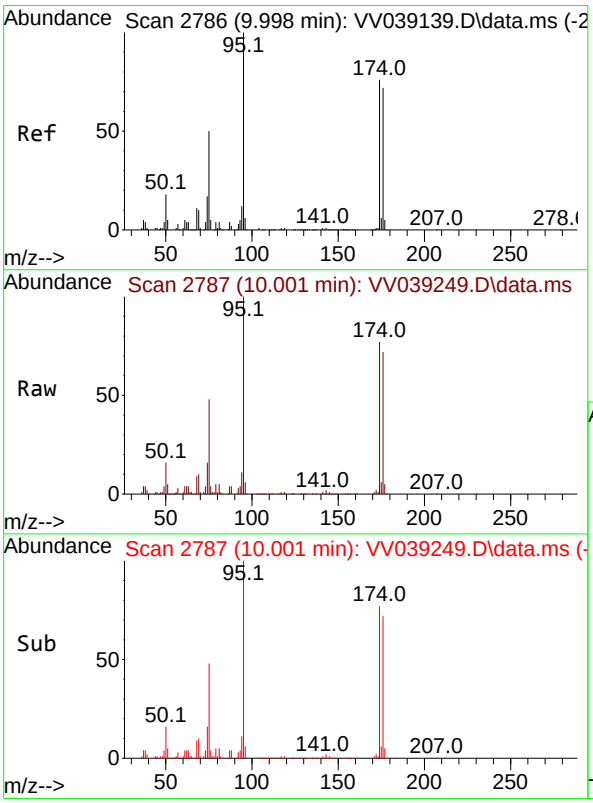
#50
Toluene-d8
Concen: 45.013 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion: 98 Resp: 625684

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2

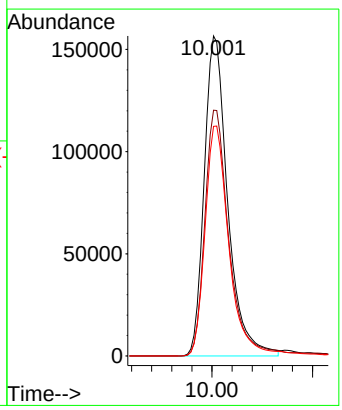


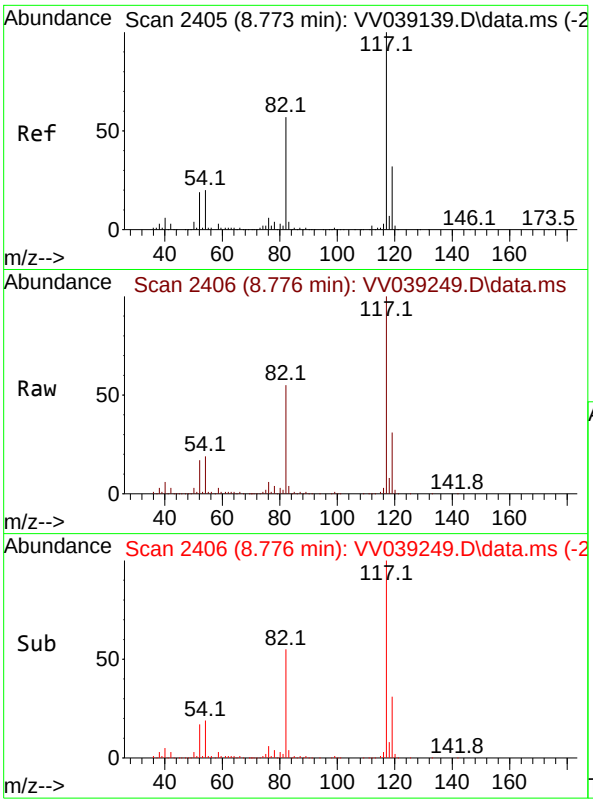


#62
4-Bromofluorobenzene
Concen: 44.339 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion: 95 Resp: 253724

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	150.4
176	74.1	0.0	144.2



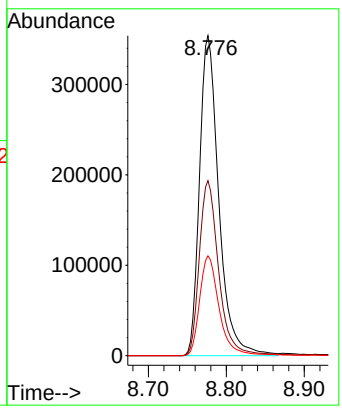


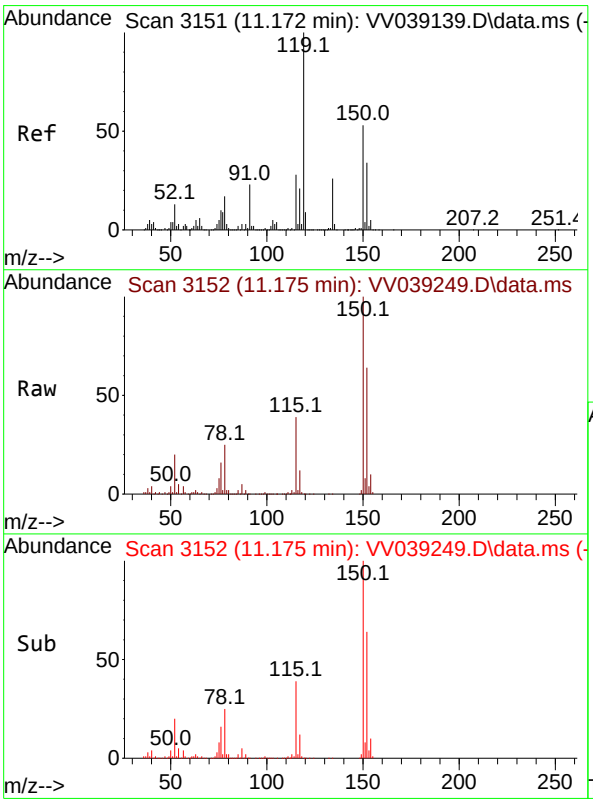
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 608055

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.2
119	31.2	25.6	38.4

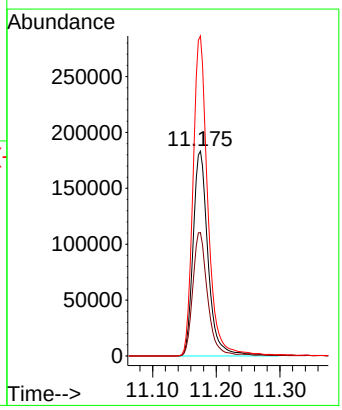




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion:152 Resp: 300076

Ion	Ratio	Lower	Upper
152	100		
115	59.0	44.8	134.4
150	154.0	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039250.D
Acq On : 03 Oct 2025 15:27
Operator : SY/MD
Sample : Q3201-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Quant Time: Oct 04 01:12:02 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

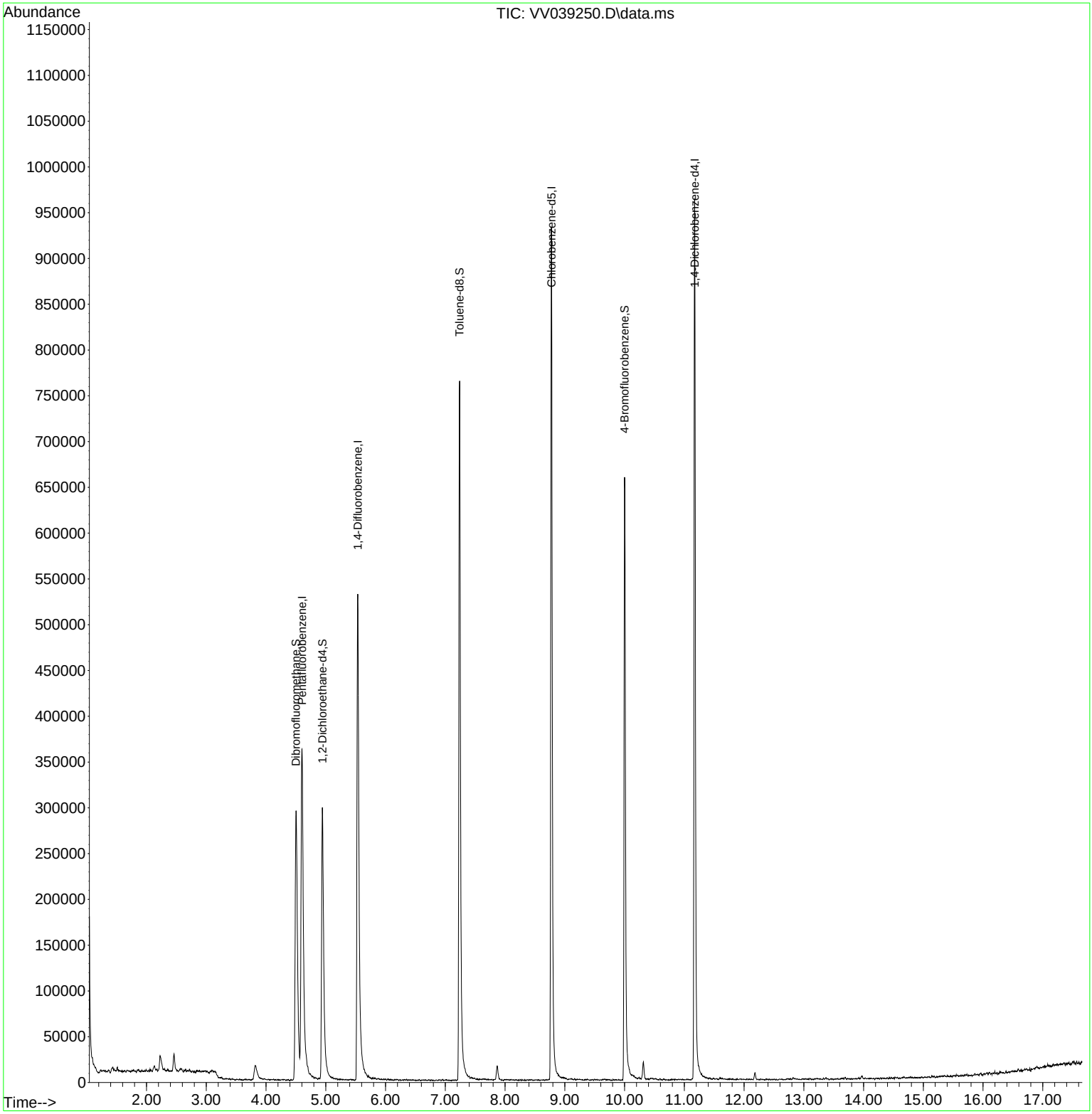
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	323029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	535676	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	545144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	264732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	259998	55.612	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.220%			
35) Dibromofluoromethane	4.503	113	254125	59.011	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 118.020%			
50) Toluene-d8	7.240	98	559880	44.266	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.540%#			
62) 4-Bromofluorobenzene	10.002	95	232498	44.653	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 89.300%			
Target Compounds						Qvalue

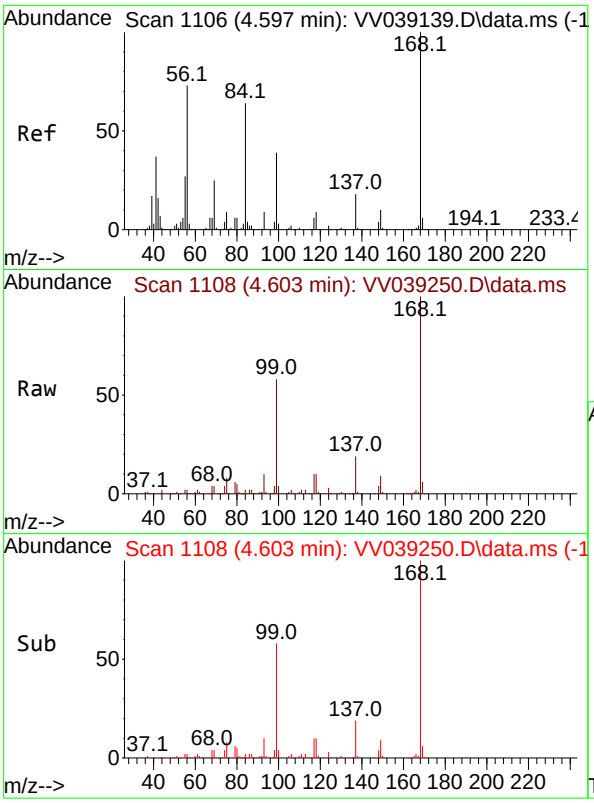
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039250.D
Acq On : 03 Oct 2025 15:27
Operator : SY/MD
Sample : Q3201-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Quant Time: Oct 04 01:12:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



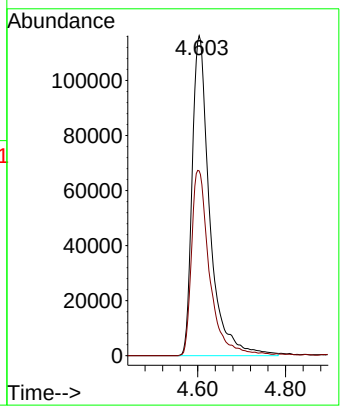


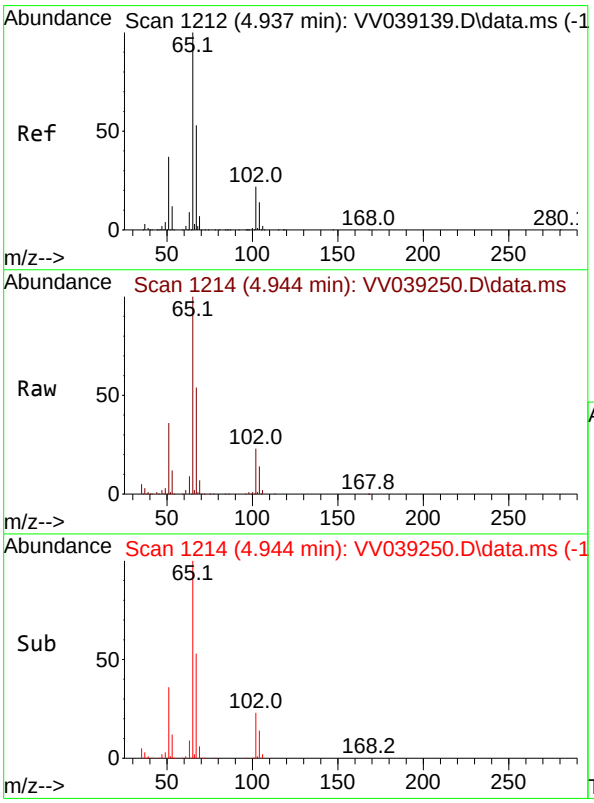
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 323029

Ion	Ratio	Lower	Upper
168	100		
99	57.7	49.6	74.4

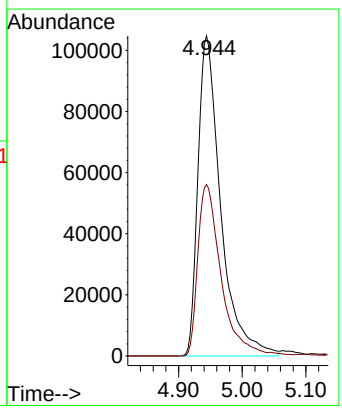


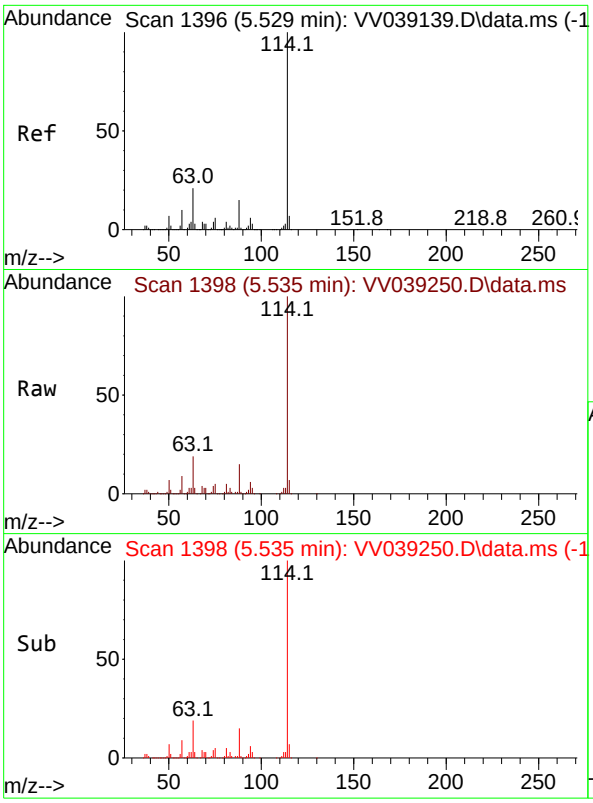


#33
1,2-Dichloroethane-d4
Concen: 55.612 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion: 65 Resp: 259998

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.0



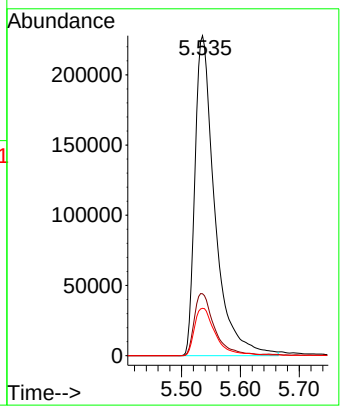


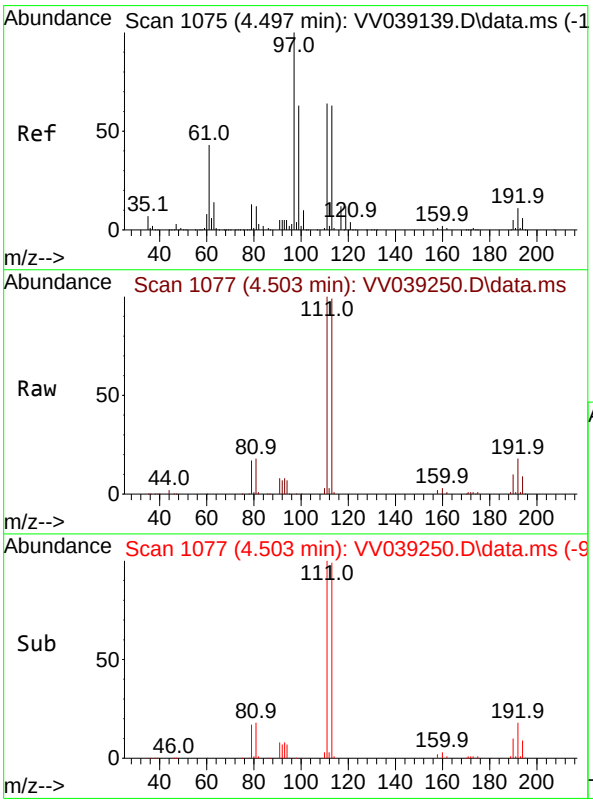
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 535676

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	14.8	0.0	30.8

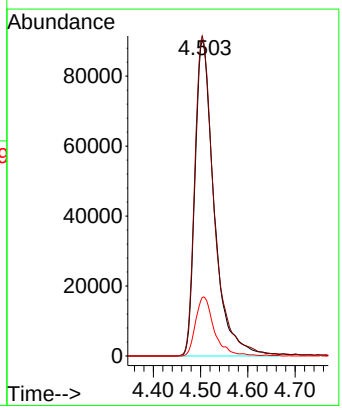


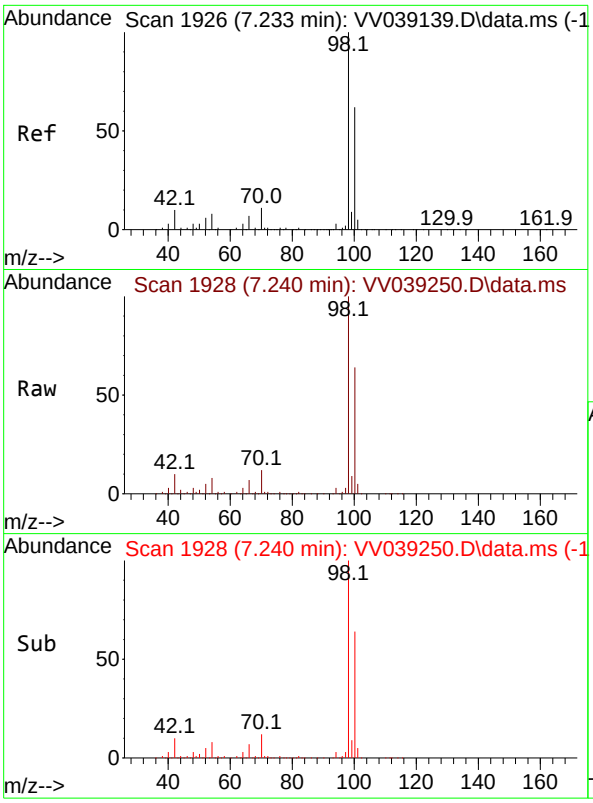


#35
Dibromofluoromethane
Concen: 59.011 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion:113 Resp: 254125

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	17.8	13.8	20.8



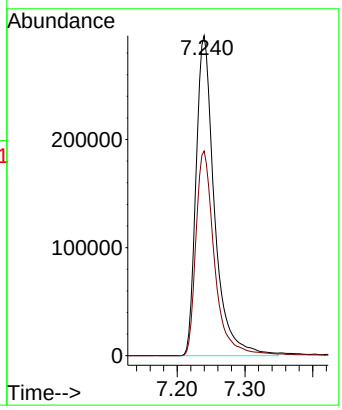


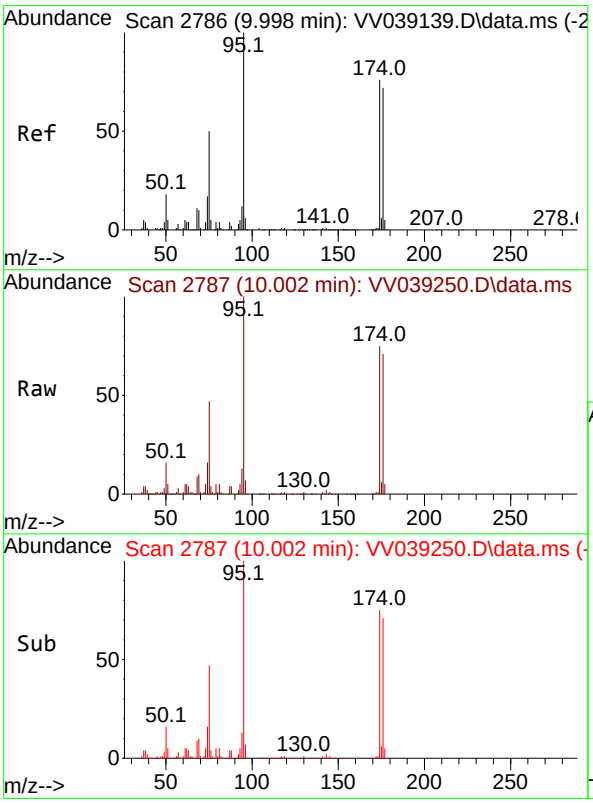
#50
Toluene-d8
Concen: 44.266 ug/l
RT: 7.240 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion: 98 Resp: 559880

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

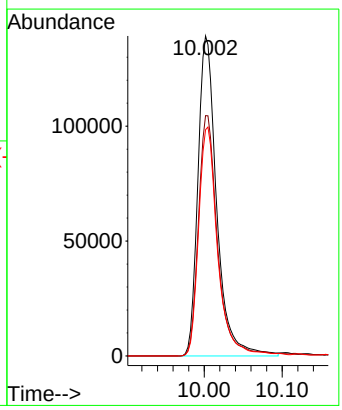


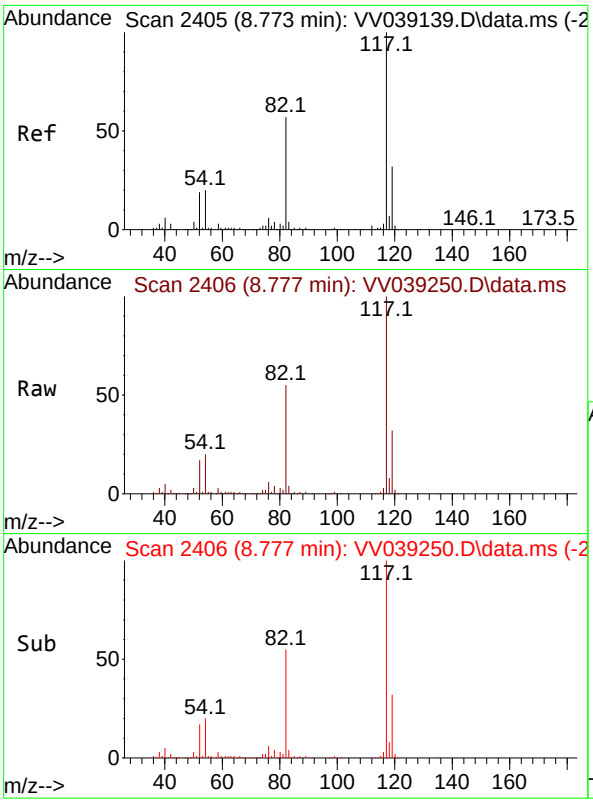


#62
4-Bromofluorobenzene
Concen: 44.653 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion: 95 Resp: 232498

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	150.4
176	72.9	0.0	144.2



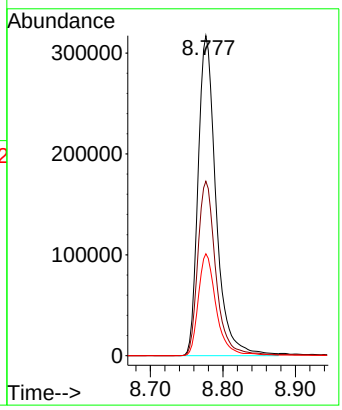


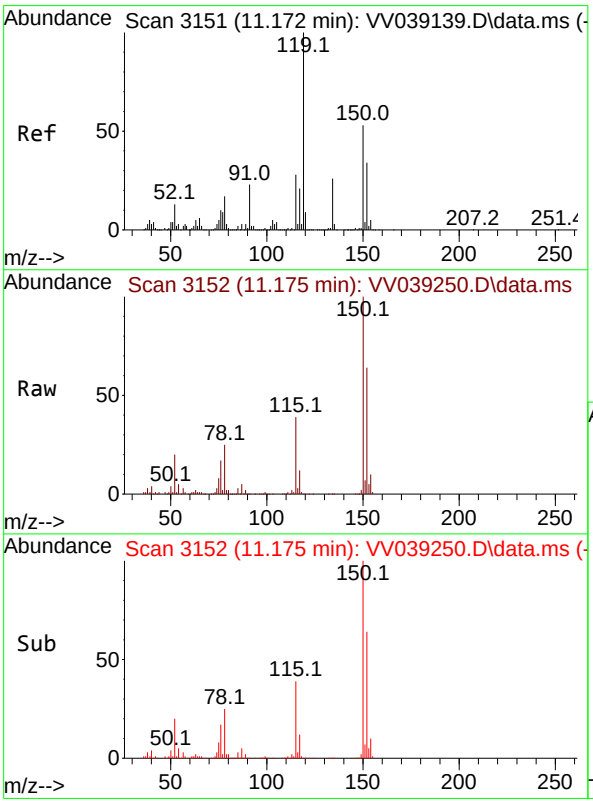
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 24
Delta R.T. 0.004 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 545144

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.2
119	31.9	25.6	38.4

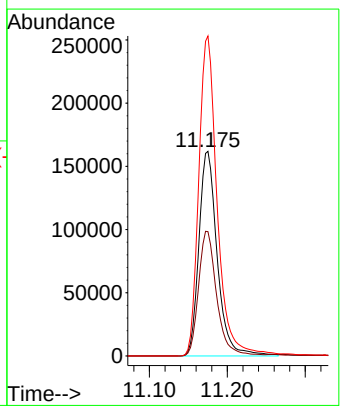




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion:152 Resp: 264732

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.8	134.4
150	158.4	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039244.D
Acq On : 03 Oct 2025 11:26
Operator : SY/MD
Sample : VV1003WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Quant Time: Oct 04 01:08:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	501875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	854024	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	854306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	433083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	375765	51.732	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 103.460%			
35) Dibromofluoromethane	4.503	113	360439	52.499	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.000%			
50) Toluene-d8	7.236	98	900252	44.645	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.300%			
62) 4-Bromofluorobenzene	10.001	95	374884	45.160	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 90.320%			

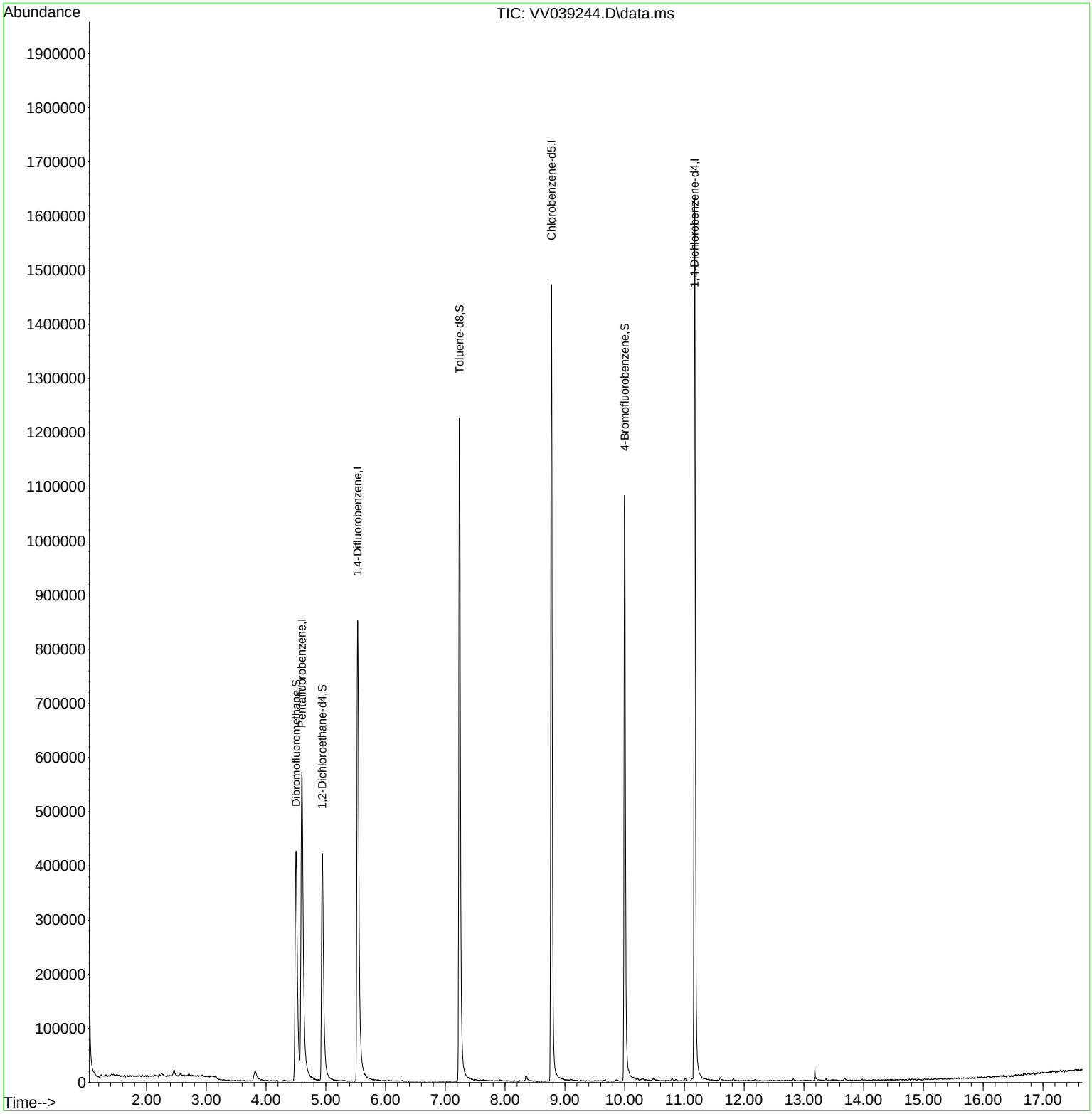
Target Compounds Qvalue

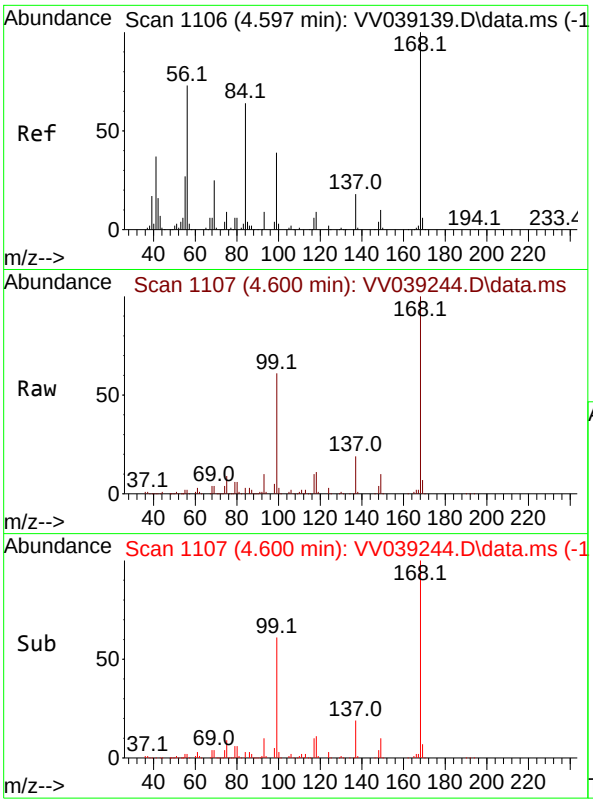
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039244.D
Acq On : 03 Oct 2025 11:26
Operator : SY/MD
Sample : VV1003WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Quant Time: Oct 04 01:08:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



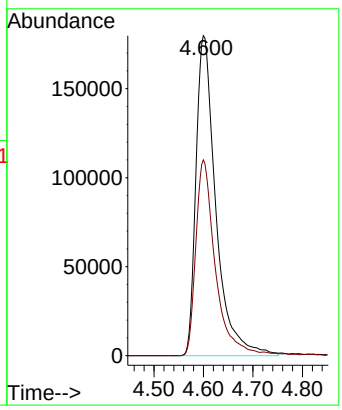


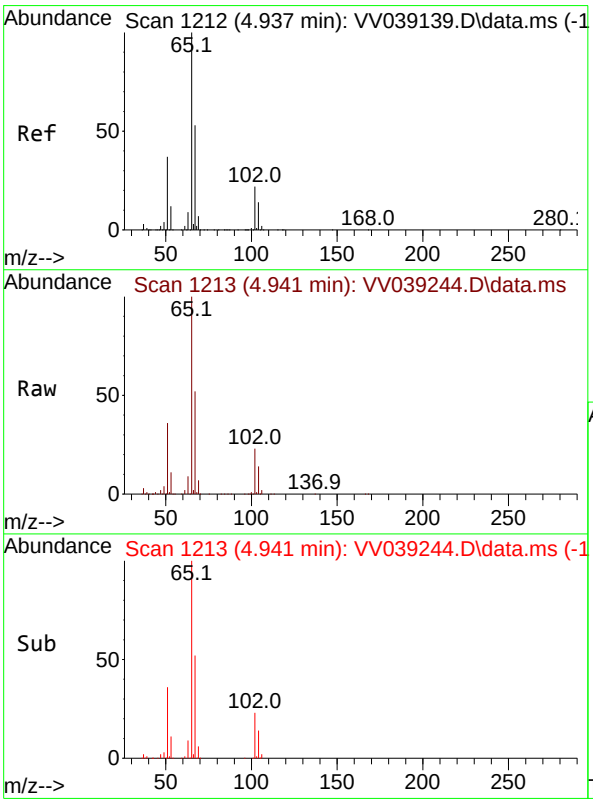
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:168 Resp: 501875

Ion	Ratio	Lower	Upper
168	100		
99	61.2	49.6	74.4

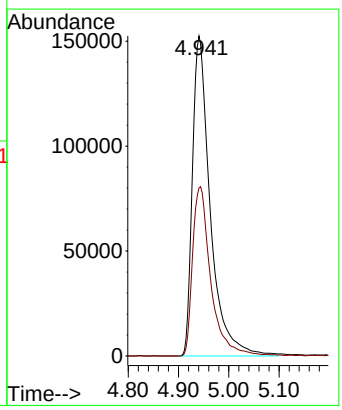


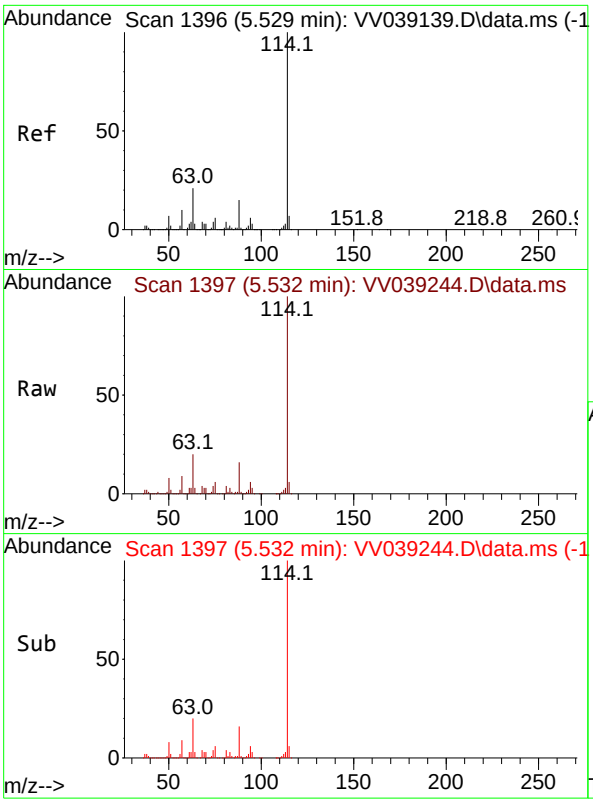


#33
1,2-Dichloroethane-d4
Concen: 51.732 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion: 65 Resp: 375765

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.0



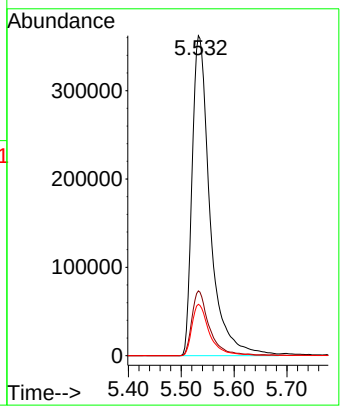


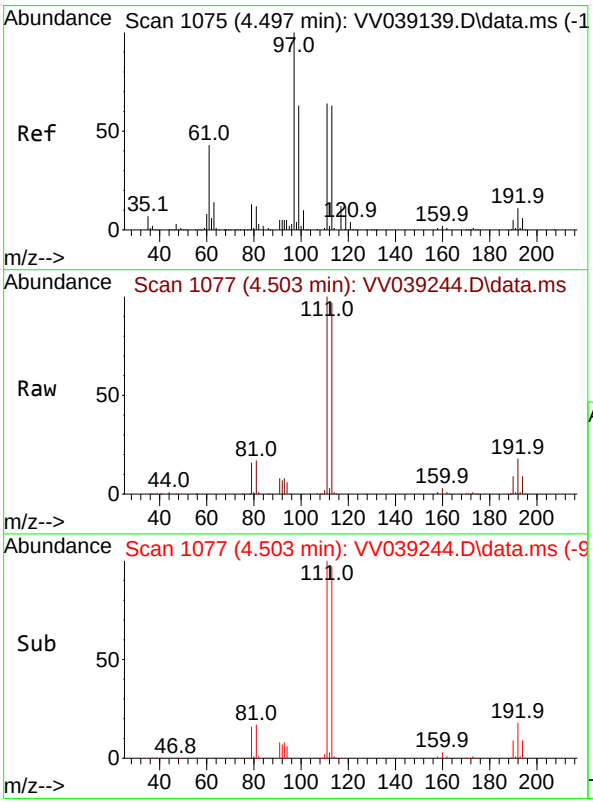
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:114 Resp: 854024

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.0	0.0	30.8

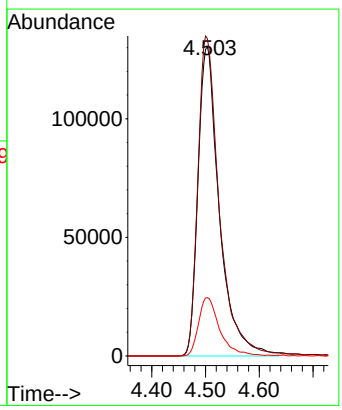


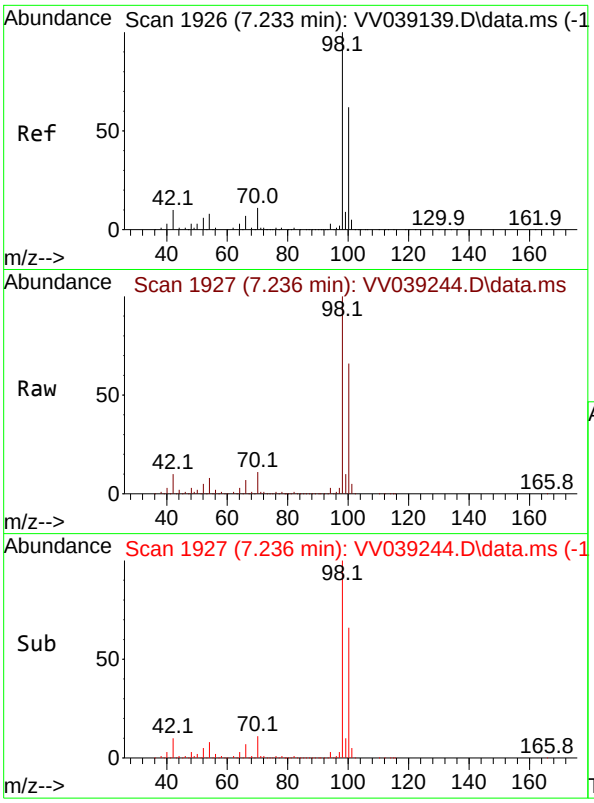


#35
Dibromofluoromethane
Concen: 52.499 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:113 Resp: 360439

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.6	13.8	20.8



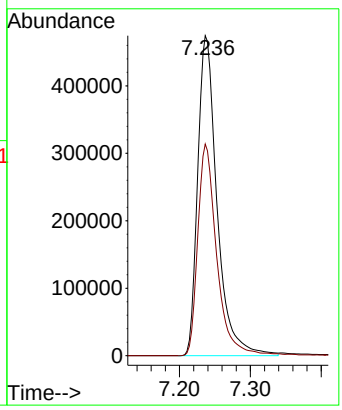


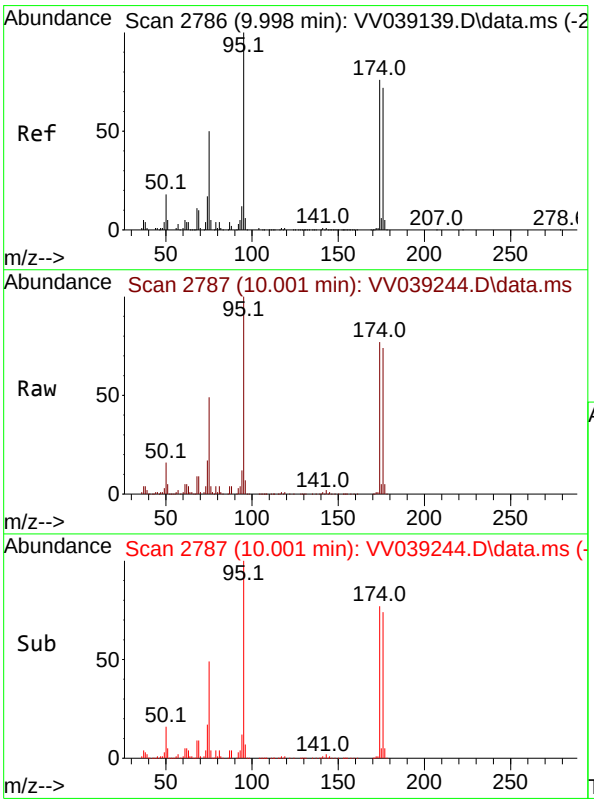
#50
Toluene-d8
Concen: 44.645 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion: 98 Resp: 900252

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

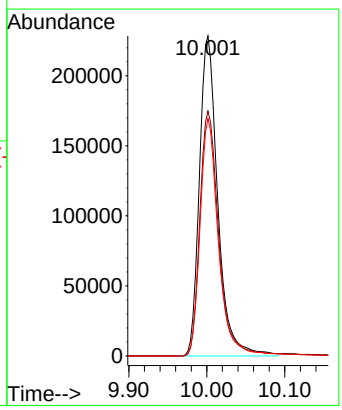


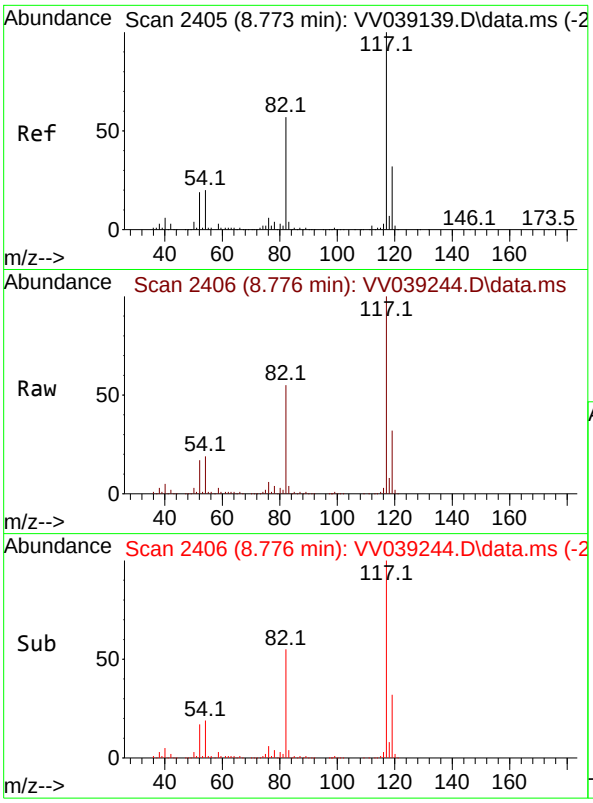


#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion: 95 Resp: 374884

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	150.4
176	74.2	0.0	144.2



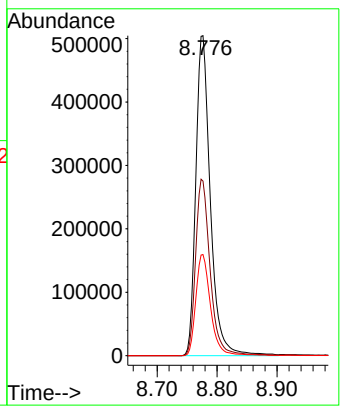


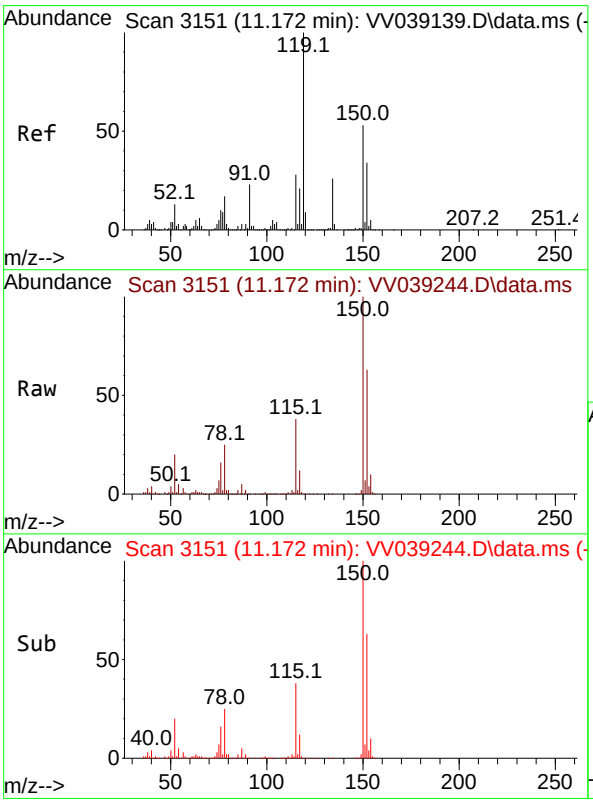
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:117 Resp: 854306

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.2
119	31.6	25.6	38.4

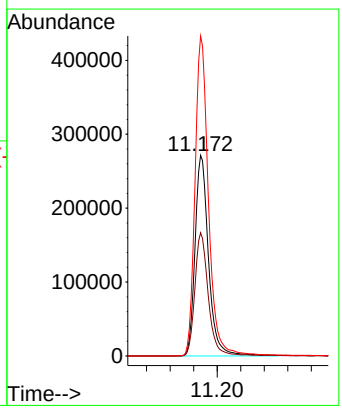




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:152 Resp: 433083

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.8	134.4
150	159.3	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Quant Time: Oct 07 03:31:41 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

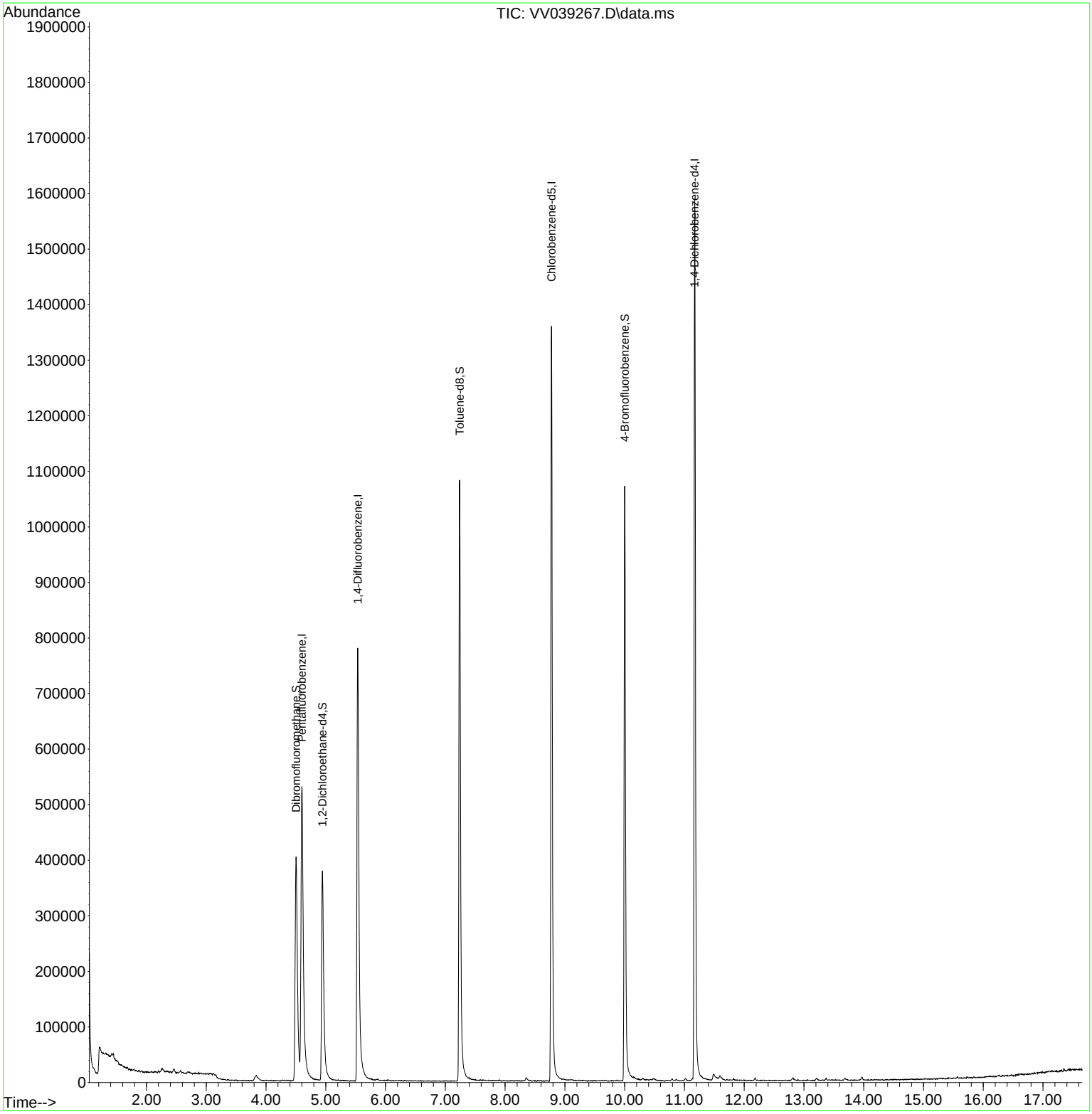
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	463806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	783914	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	428242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	340870	50.780	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.560%			
35) Dibromofluoromethane	4.503	113	339151	53.816	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 107.640%			
50) Toluene-d8	7.239	98	796316	43.023	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 86.040%#			
62) 4-Bromofluorobenzene	10.001	95	368553	48.368	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.740%			
Target Compounds						Qvalue

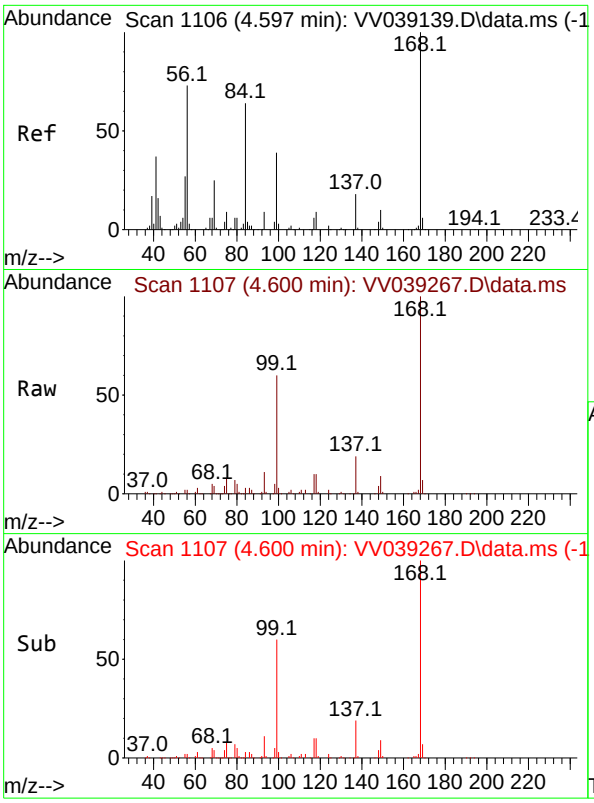
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



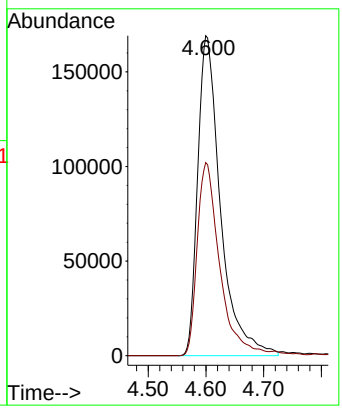


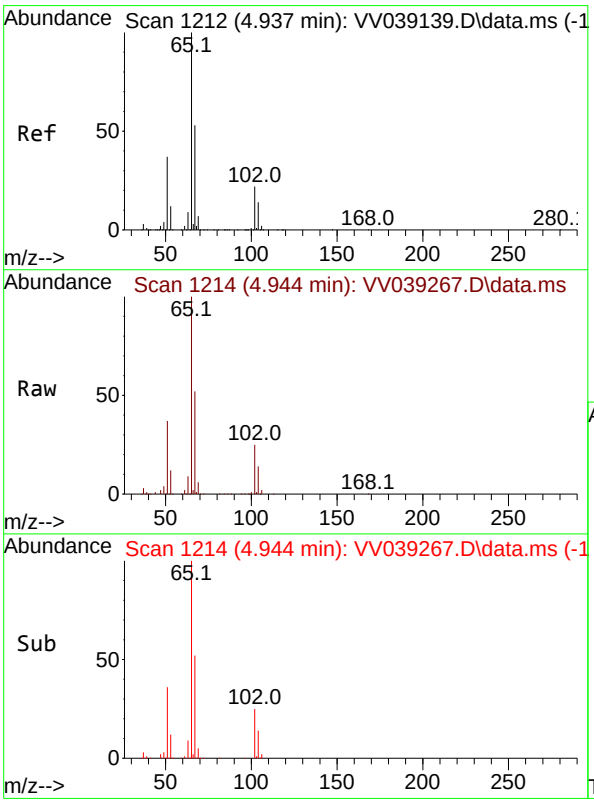
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:168 Resp: 463806

Ion	Ratio	Lower	Upper
168	100		
99	60.3	49.6	74.4

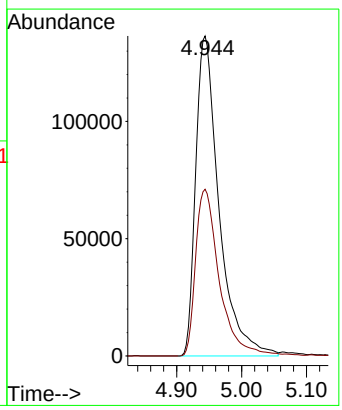


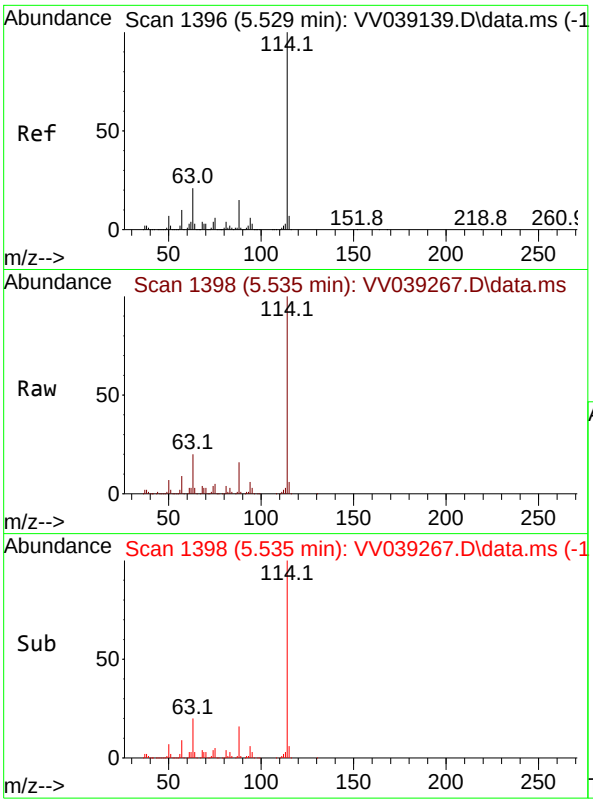


#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 65 Resp: 340870

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



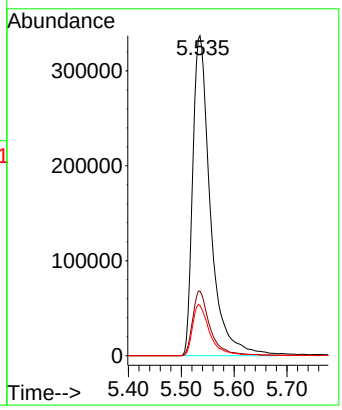


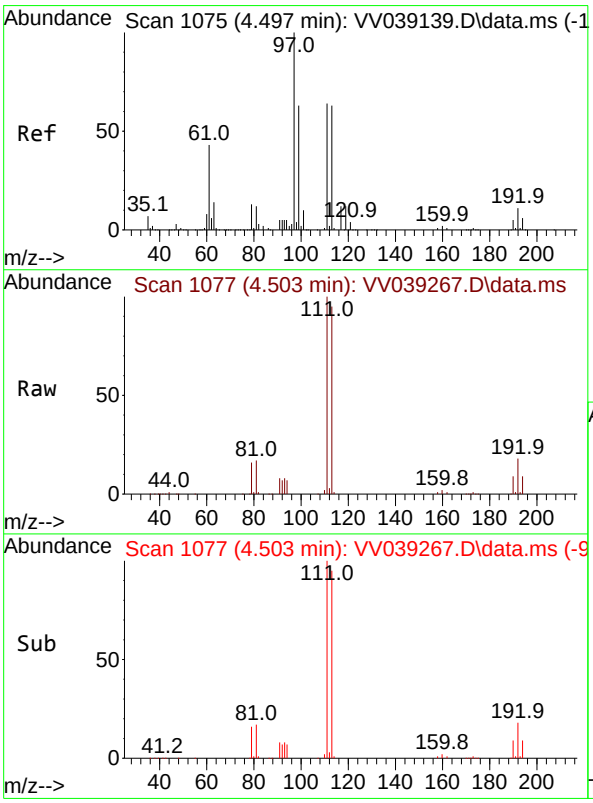
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:114 Resp: 783914

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.7	0.0	30.8

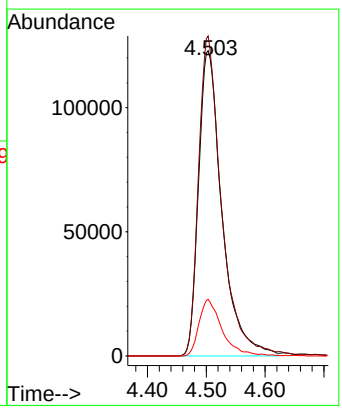




#35
Dibromofluoromethane
Concen: 53.816 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

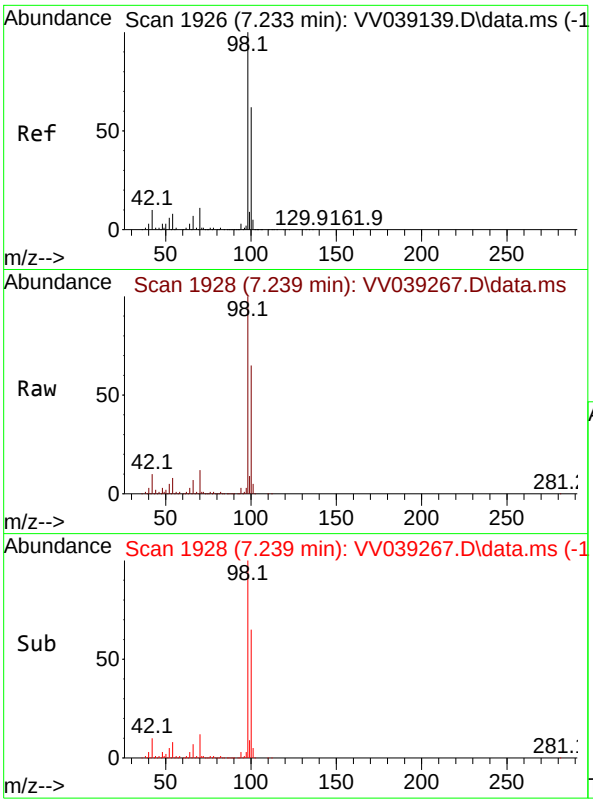
Tgt Ion:113 Resp: 339151

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	18.0	13.8	20.8



5

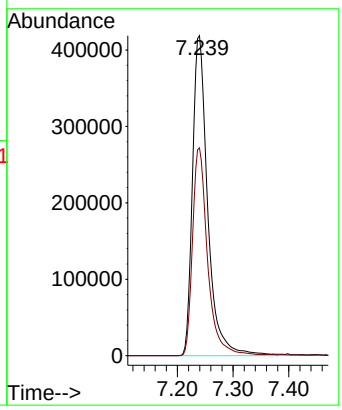
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

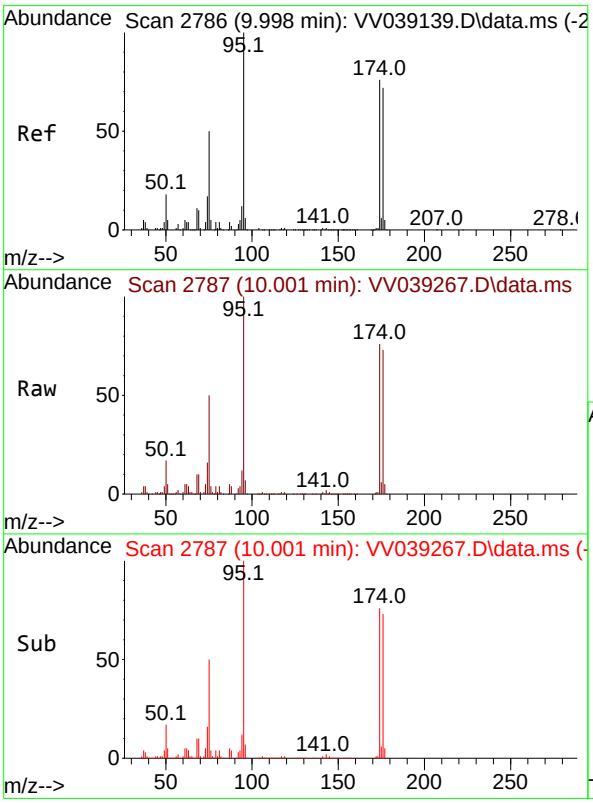


#50
Toluene-d8
Concen: 43.023 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 98 Resp: 796316

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

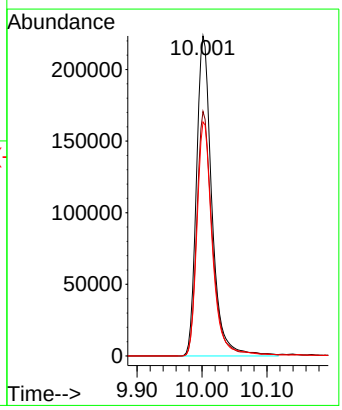


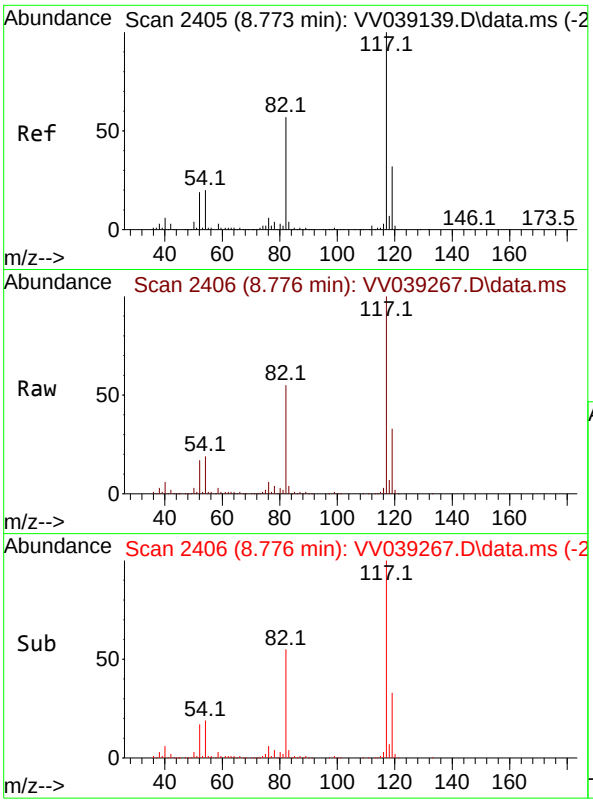


#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 95 Resp: 368553

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	73.6	0.0	144.2



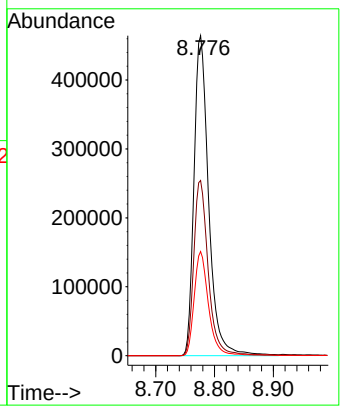


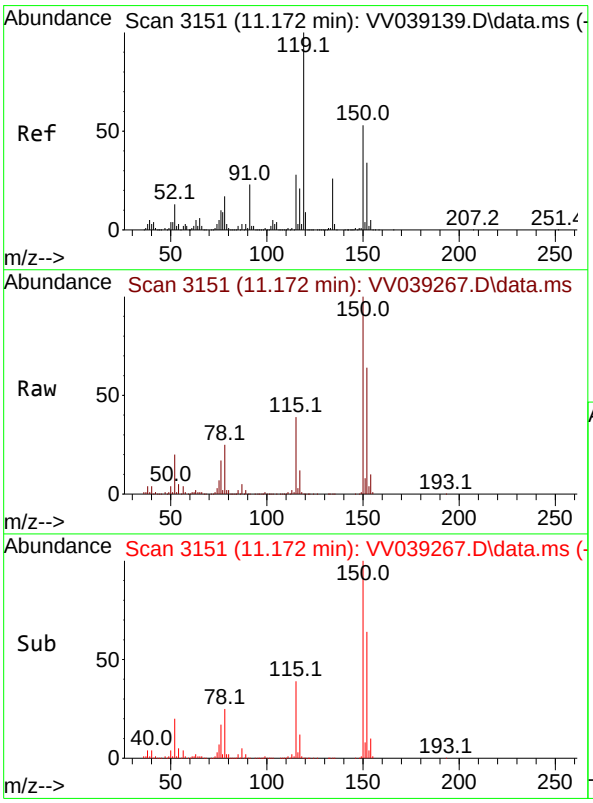
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:117 Resp: 804136

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.2
119	32.6	25.6	38.4

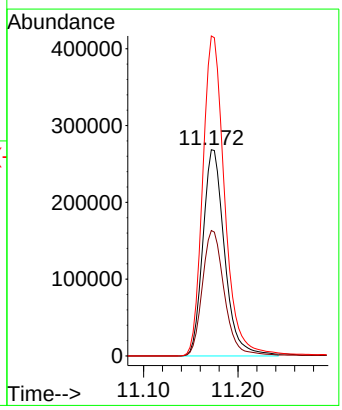




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:152 Resp: 428242

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.8	134.4
150	158.0	0.0	353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048011.D
Acq On : 06 Oct 2025 09:44
Operator : JC/MD
Sample : VX1006WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

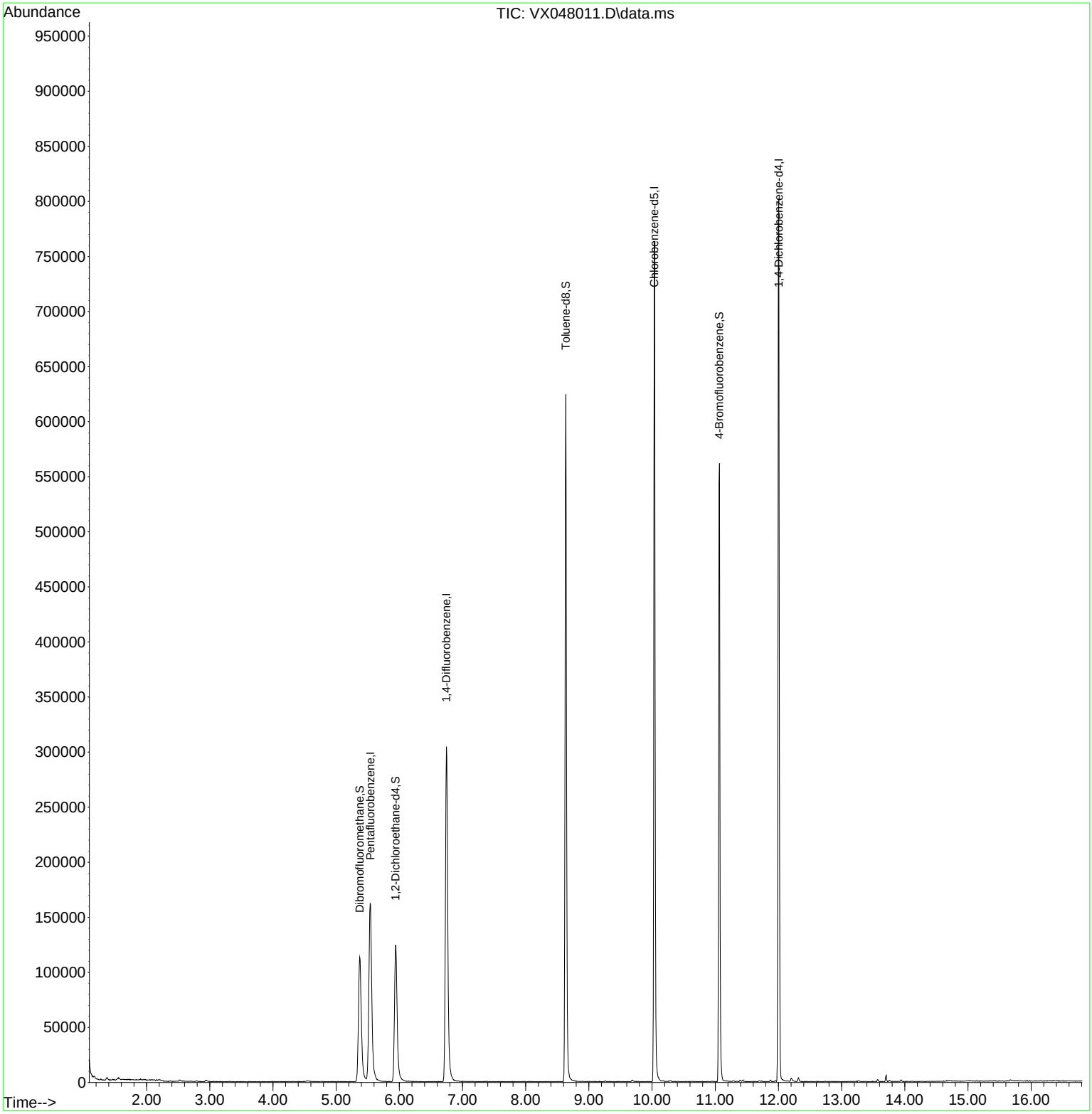
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	163752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	135132	51.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.680%			
35) Dibromofluoromethane	5.373	113	110438	49.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.635	98	378416	48.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.760%			
62) 4-Bromofluorobenzene	11.061	95	161318	54.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds						Qvalue

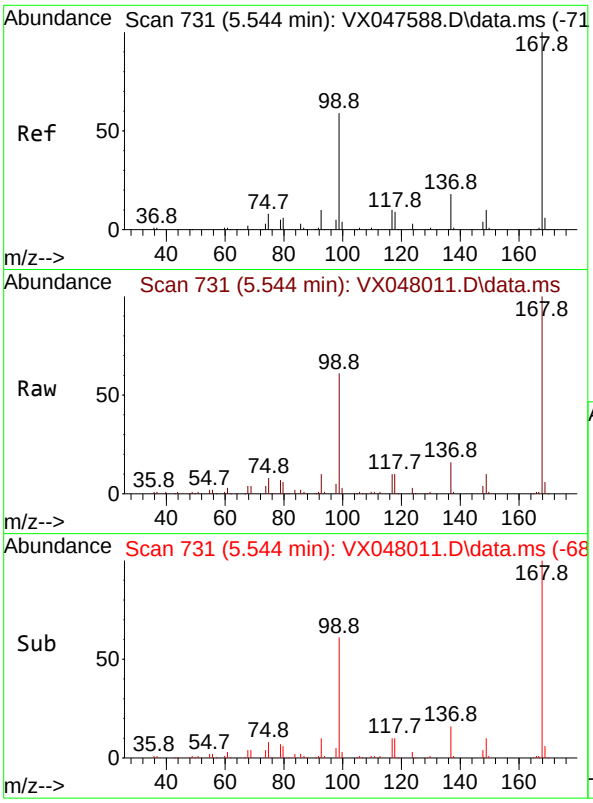
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048011.D
Acq On : 06 Oct 2025 09:44
Operator : JC/MD
Sample : VX1006WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



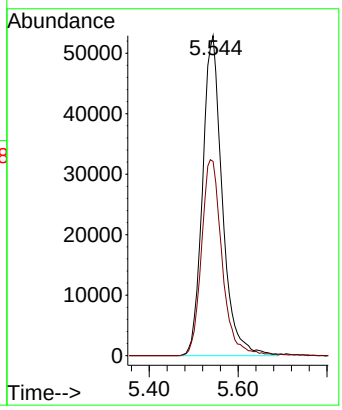


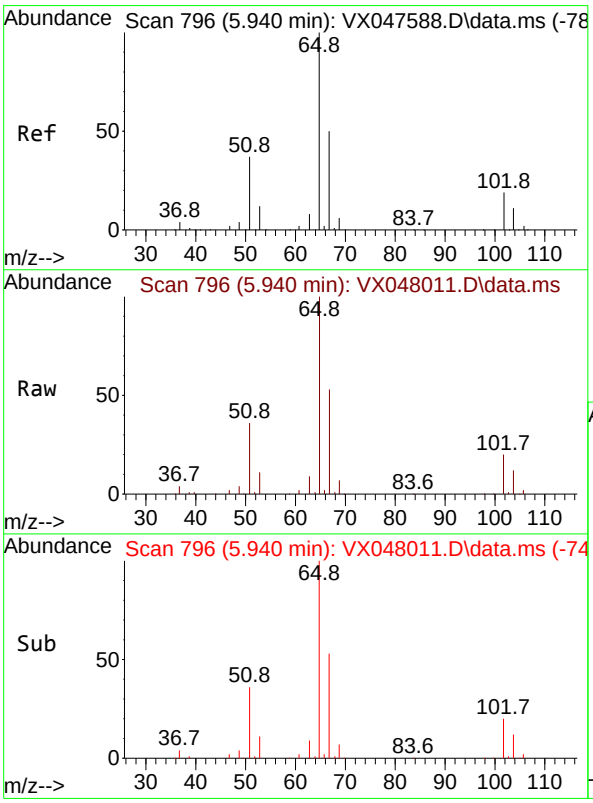
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:168 Resp: 163752

Ion	Ratio	Lower	Upper
168	100		
99	60.7	48.8	73.2

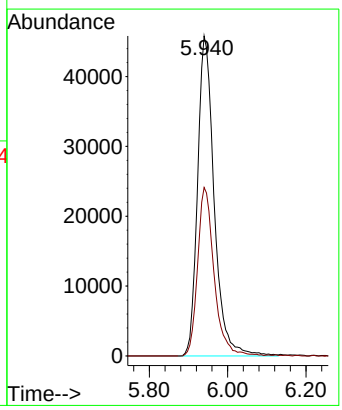




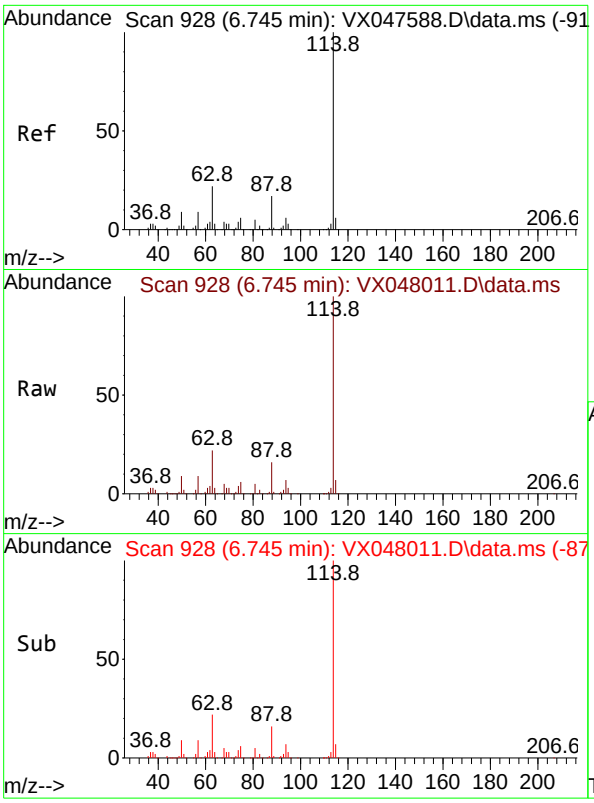
#33
1,2-Dichloroethane-d4
Concen: 51.844 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 65 Resp: 135132

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



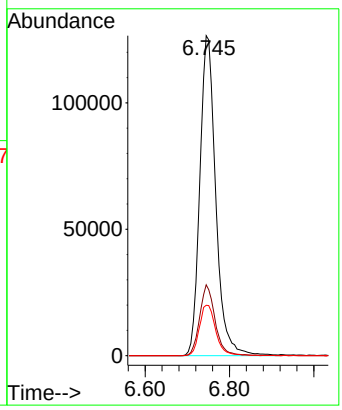
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

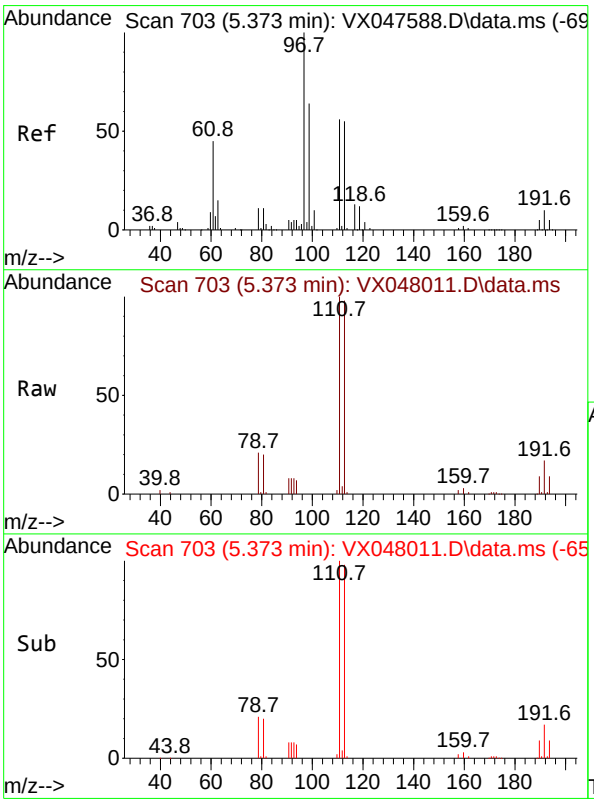


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion:114 Resp: 333598

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	15.8	0.0	34.2

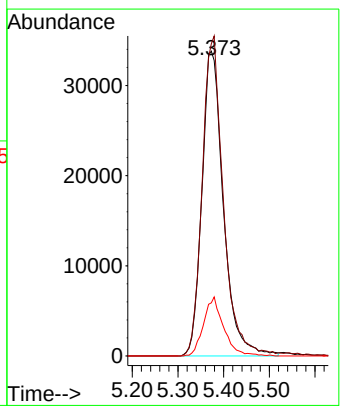


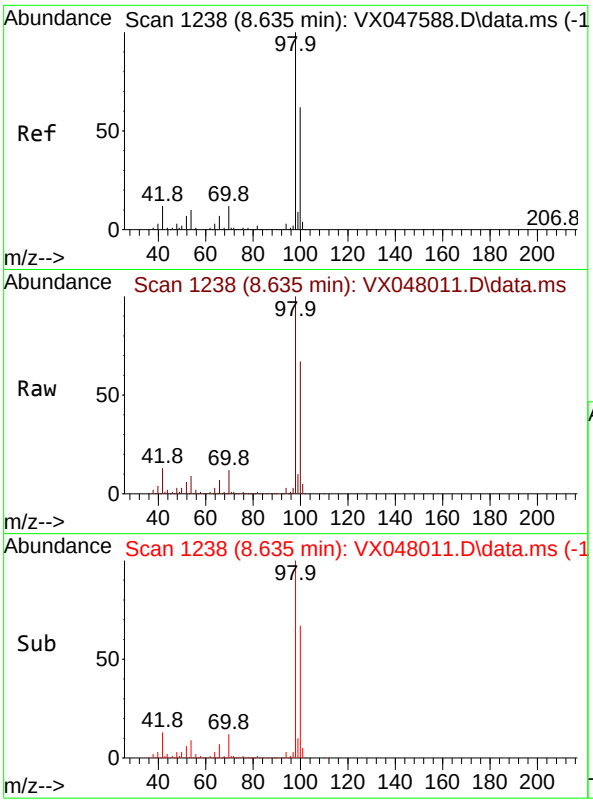


#35
Dibromofluoromethane
Concen: 49.362 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion:113 Resp: 110438

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.9	121.3
192	18.1	14.2	21.4



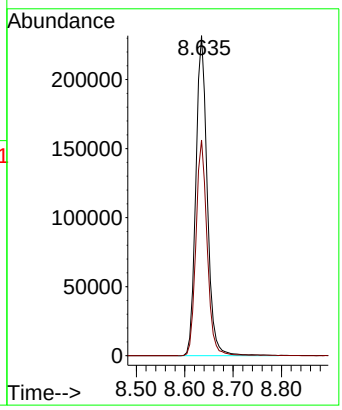


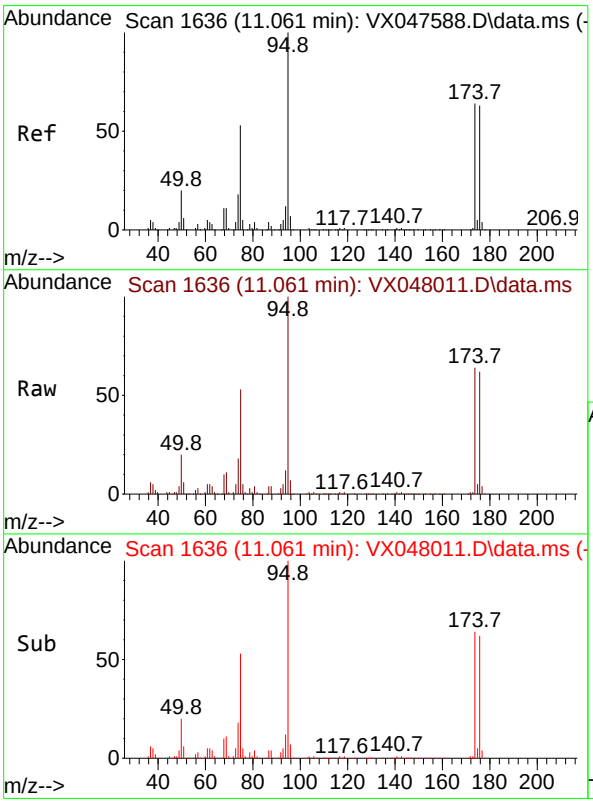
#50
Toluene-d8
Concen: 48.882 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion: 98 Resp: 378416

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

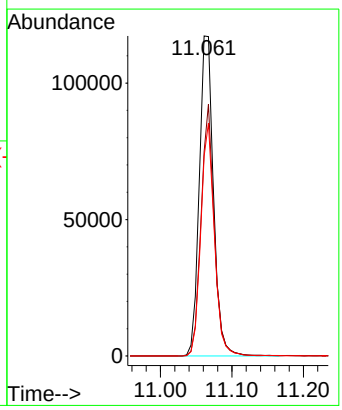


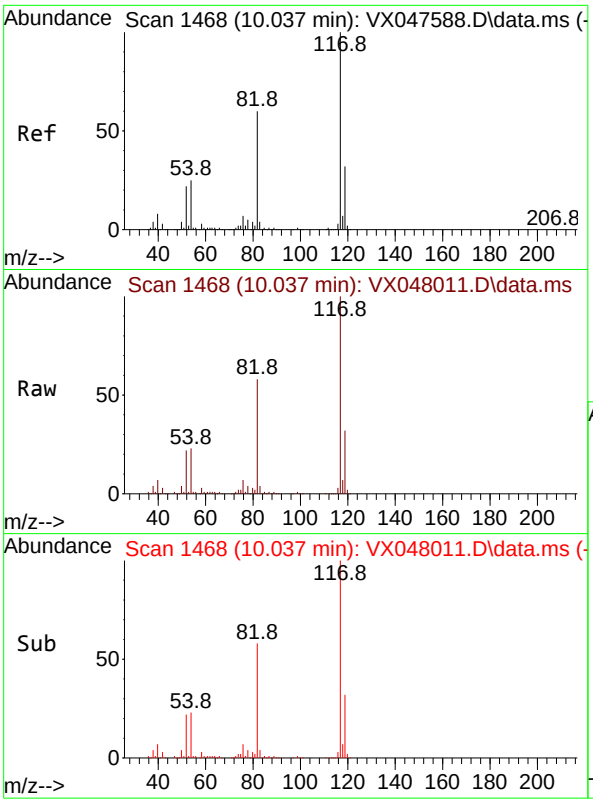


#62
4-Bromofluorobenzene
Concen: 54.907 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 95 Resp: 161318

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	141.6
176	69.4	0.0	138.4



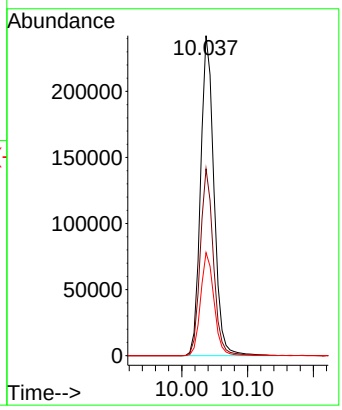


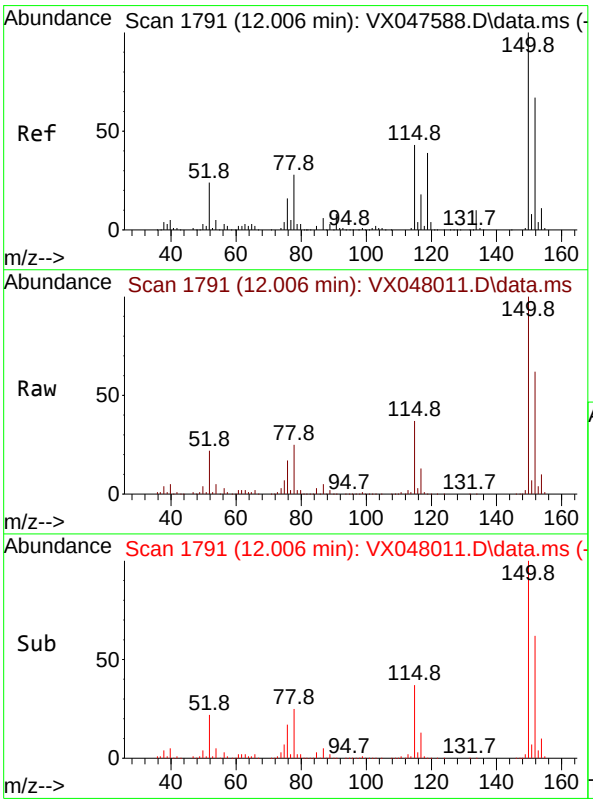
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:117 Resp: 343343

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.2	25.2	37.8

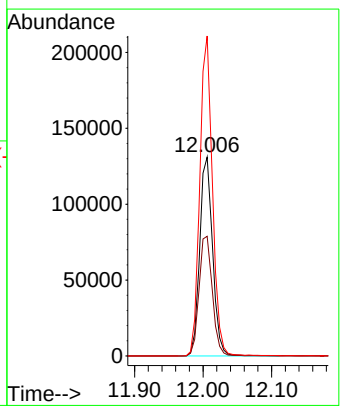




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion:152 Resp: 171990

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.8	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 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	559480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	866328	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	845304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	506399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	337839	41.722	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 83.440%			
35) Dibromofluoromethane	4.500	113	345571	49.618	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 99.240%			
50) Toluene-d8	7.236	98	936652	45.791	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.580%			
62) 4-Bromofluorobenzene	9.998	95	449945	53.433	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	147312	16.633	ug/l	99
3) Chloromethane	1.230	50	159153	16.739	ug/l	98
4) Vinyl Chloride	1.297	62	178439	17.531	ug/l	100
5) Bromomethane	1.500	94	120645	18.802	ug/l	100
6) Chloroethane	1.561	64	116472	18.144	ug/l	97
7) Trichlorofluoromethane	1.725	101	280975	19.066	ug/l	100
8) Diethyl Ether	1.918	74	101959	18.637	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	169365	19.315	ug/l	96
10) Methyl Iodide	2.198	142	183933	22.028	ug/l	99
11) Tert butyl alcohol	2.564	59	154118	90.054	ug/l	96
12) 1,1-Dichloroethene	2.082	96	158669	18.810	ug/l	94
13) Acrolein	2.011	56	15337	51.646	ug/l	93
14) Allyl chloride	2.359	41	264501	17.554	ug/l	98
15) Acrylonitrile	2.674	53	487507	88.861	ug/l	99
16) Acetone	2.117	43	488555	91.016	ug/l	97
17) Carbon Disulfide	2.252	76	413185	16.016	ug/l	99
18) Methyl Acetate	2.381	43	253442	21.125	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	532207	19.799	ug/l	99
20) Methylene Chloride	2.455	84	188042	19.948	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	166888	18.584	ug/l	98
22) Diisopropyl ether	3.214	45	522821	18.135	ug/l	82
23) Vinyl Acetate	3.188	43	2220327	88.039	ug/l	97
24) 1,1-Dichloroethane	3.117	63	320962	18.205	ug/l	98
25) 2-Butanone	3.867	43	577685	89.093	ug/l	98
26) 2,2-Dichloropropane	3.812	77	274205	17.541	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	190466	19.231	ug/l	95
28) Bromochloromethane	4.146	49	150145	19.291	ug/l	90
29) Tetrahydrofuran	4.236	42	347741	85.681	ug/l	96
30) Chloroform	4.278	83	333971	18.141	ug/l	98
31) Cyclohexane	4.584	56	237069	16.415	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	289772	18.181	ug/l	97
36) 1,1-Dichloropropene	4.744	75	198893	18.889	ug/l	98
37) Ethyl Acetate	3.982	43	217952	17.058	ug/l #	88
38) Carbon Tetrachloride	4.731	117	247222	19.211	ug/l	99
39) Methylcyclohexane	6.046	83	217981	17.142	ug/l	95
40) Benzene	5.008	78	664341	19.375	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 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	93853	17.536	ug/l		91
42) 1,2-Dichloroethane	5.040	62	226266	18.833	ug/l		97
43) Isopropyl Acetate	5.194	43	331315	19.018	ug/l		98
44) Trichloroethene	5.831	130	164874	20.838	ug/l		98
45) 1,2-Dichloropropane	6.088	63	169707	19.912	ug/l		93
46) Dibromomethane	6.227	93	128921	19.764	ug/l		94
47) Bromodichloromethane	6.426	83	260291	19.302	ug/l		99
48) Methyl methacrylate	6.301	41	143613	18.186	ug/l		95
49) 1,4-Dioxane	6.294	88	48393	379.726	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	1148145	100.178	ug/l		99
52) Toluene	7.307	92	415826	20.916	ug/l		98
53) t-1,3-Dichloropropene	7.574	75	247740	21.080	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	271589	20.933	ug/l		97
55) 1,1,2-Trichloroethane	7.760	97	178056	19.974	ug/l		96
56) Ethyl methacrylate	7.715	69	217780	20.572	ug/l		95
57) 1,3-Dichloropropane	7.934	76	287981	20.470	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.812	63	475072	86.041	ug/l		96
59) 2-Hexanone	8.062	43	835938	91.844	ug/l		99
60) Dibromochloromethane	8.169	129	210459	20.720	ug/l		98
61) 1,2-Dibromoethane	8.275	107	187426	20.559	ug/l		99
64) Tetrachloroethene	7.895	164	143810	20.312	ug/l		98
65) Chlorobenzene	8.805	112	476325	20.230	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.898	131	172386	20.263	ug/l		99
67) Ethyl Benzene	8.937	91	720606	20.218	ug/l		98
68) m/p-Xylenes	9.062	106	592787	43.093	ug/l		99
69) o-Xylene	9.468	106	261997	21.510	ug/l		97
70) Styrene	9.487	104	486013	19.731	ug/l		99
71) Bromoform	9.654	173	142741	21.480	ug/l	#	99
73) Isopropylbenzene	9.853	105	730232	19.881	ug/l		100
74) N-amyl acetate	9.725	43	277738	18.957	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.165	83	292188	18.156	ug/l		99
76) 1,2,3-Trichloropropane	10.197	75	208818	18.111	ug/l		97
77) Bromobenzene	10.140	156	197841	20.761	ug/l		94
78) n-propylbenzene	10.278	91	870650	19.466	ug/l		98
79) 2-Chlorotoluene	10.345	91	552648	20.649	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	623906	20.437	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.927	75	91130	18.975	ug/l		98
82) 4-Chlorotoluene	10.461	91	637564	20.544	ug/l		98
83) tert-Butylbenzene	10.789	119	586432	19.264	ug/l		98
84) 1,2,4-Trimethylbenzene	10.841	105	608680	20.537	ug/l		97
85) sec-Butylbenzene	11.011	105	764641	18.937	ug/l		99
86) p-Isopropyltoluene	11.165	119	646503	19.237	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	388162	20.127	ug/l		99
88) 1,4-Dichlorobenzene	11.197	146	408220	19.293	ug/l		100
89) n-Butylbenzene	11.580	91	586984	18.289	ug/l		99
90) Hexachloroethane	11.818	117	137547	16.621	ug/l		95
91) 1,2-Dichlorobenzene	11.567	146	355232	19.715	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	58842	20.532	ug/l		99
93) 1,2,4-Trichlorobenzene	13.184	180	208698	20.205	ug/l		99
94) Hexachlorobutadiene	13.368	225	90851	16.928	ug/l		99
95) Naphthalene	13.426	128	654167	19.595	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	209698	19.850	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 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

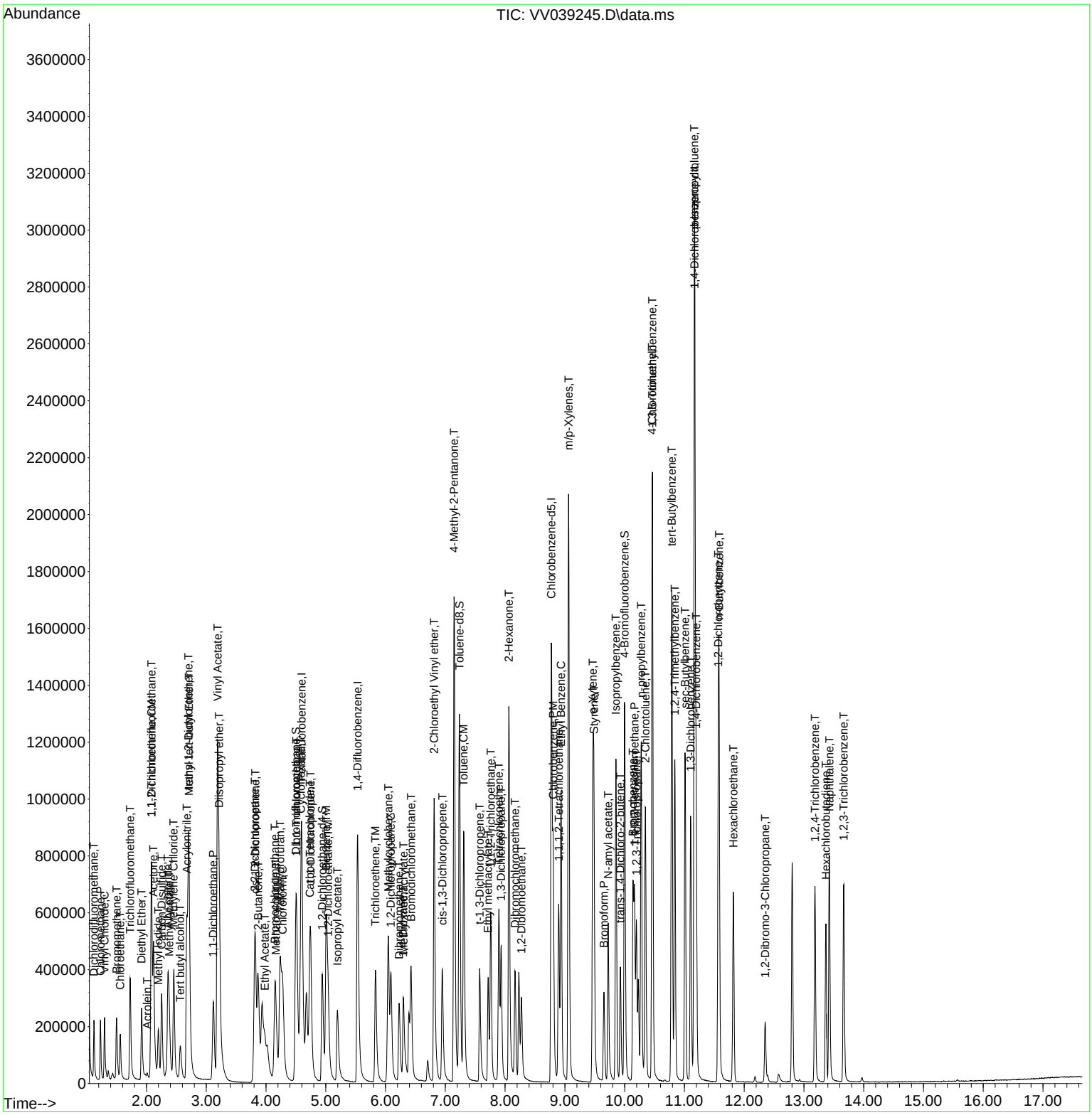
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 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\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 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	527068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	830218	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	815170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	499953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	338703	44.401	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 88.800%			
35) Dibromofluoromethane	4.500	113	340112	50.959	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.920%			
50) Toluene-d8	7.236	98	927508	47.316	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.640%			
62) 4-Bromofluorobenzene	10.001	95	448797	55.614	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 111.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	139015	16.662	ug/l	99
3) Chloromethane	1.230	50	149826	16.727	ug/l	99
4) Vinyl Chloride	1.298	62	170586	17.790	ug/l	98
5) Bromomethane	1.497	94	103512	17.124	ug/l	100
6) Chloroethane	1.561	64	126939	21.219	ug/l	100
7) Trichlorofluoromethane	1.725	101	266595	19.203	ug/l	100
8) Diethyl Ether	1.918	74	100028	19.408	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	162419	19.662	ug/l	96
10) Methyl Iodide	2.198	142	139690	17.758	ug/l	99
11) Tert butyl alcohol	2.568	59	178395	110.650	ug/l	100
12) 1,1-Dichloroethene	2.082	96	154217	19.406	ug/l	94
13) Acrolein	2.015	56	11498	41.100	ug/l	96
14) Allyl chloride	2.359	41	256475	18.068	ug/l	95
15) Acrylonitrile	2.674	53	510547	98.784	ug/l	99
16) Acetone	2.121	43	462445	91.482	ug/l	99
17) Carbon Disulfide	2.253	76	409655	16.856	ug/l	100
18) Methyl Acetate	2.381	43	264354	23.389	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	531880	21.004	ug/l	98
20) Methylene Chloride	2.455	84	184333	20.849	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	163794	19.361	ug/l	98
22) Diisopropyl ether	3.217	45	525952	19.365	ug/l	93
23) Vinyl Acetate	3.191	43	2225627	93.676	ug/l	97
24) 1,1-Dichloroethane	3.118	63	319925	19.262	ug/l	98
25) 2-Butanone	3.870	43	594962	97.400	ug/l	98
26) 2,2-Dichloropropane	3.809	77	263919	17.921	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	186221	19.958	ug/l	97
28) Bromochloromethane	4.150	49	159382	21.737	ug/l	88
29) Tetrahydrofuran	4.240	42	373183	97.604	ug/l	96
30) Chloroform	4.278	83	326625	18.833	ug/l	98
31) Cyclohexane	4.580	56	221556	16.284	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	285795	19.034	ug/l	97
36) 1,1-Dichloropropene	4.744	75	194548	19.280	ug/l	98
37) Ethyl Acetate	3.982	43	230495	18.824	ug/l	99
38) Carbon Tetrachloride	4.735	117	241073	19.548	ug/l	99
39) Methylcyclohexane	6.047	83	210957	17.311	ug/l	97
40) Benzene	5.008	78	651715	19.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 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	4.162	41	97082	18.776	ug/l		92
42) 1,2-Dichloroethane	5.040	62	224925	19.536	ug/l		99
43) Isopropyl Acetate	5.195	43	336690	20.167	ug/l		97
44) Trichloroethene	5.831	130	156385	20.625	ug/l		99
45) 1,2-Dichloropropane	6.088	63	159115	19.482	ug/l		96
46) Dibromomethane	6.227	93	130588	20.890	ug/l		95
47) Bromodichloromethane	6.426	83	259328	20.067	ug/l		99
48) Methyl methacrylate	6.301	41	148201	19.583	ug/l		96
49) 1,4-Dioxane	6.297	88	52350	428.642	ug/l		96
51) 4-Methyl-2-Pentanone	7.149	43	1197410	109.020	ug/l		98
52) Toluene	7.310	92	406421	21.332	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	244211	21.684	ug/l		98
54) cis-1,3-Dichloropropene	6.950	75	271456	21.833	ug/l		96
55) 1,1,2-Trichloroethane	7.760	97	180593	21.140	ug/l		96
56) Ethyl methacrylate	7.719	69	219796	21.666	ug/l		97
57) 1,3-Dichloropropane	7.934	76	279212	20.710	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.815	63	450595	85.256	ug/l		97
59) 2-Hexanone	8.066	43	876466	100.266	ug/l		99
60) Dibromochloromethane	8.169	129	207193	21.286	ug/l		98
61) 1,2-Dibromoethane	8.275	107	190812	21.841	ug/l		100
64) Tetrachloroethene	7.895	164	137556	20.147	ug/l		99
65) Chlorobenzene	8.805	112	471780	20.778	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	175052	21.337	ug/l		98
67) Ethyl Benzene	8.937	91	709730	20.649	ug/l		99
68) m/p-Xylenes	9.063	106	583751	44.005	ug/l		99
69) o-Xylene	9.468	106	257164	21.894	ug/l		98
70) Styrene	9.487	104	484260	20.337	ug/l		98
71) Bromoform	9.654	173	143243	22.352	ug/l	#	98
73) Isopropylbenzene	9.857	105	718263	19.808	ug/l		99
74) N-amyl acetate	9.725	43	283274	19.585	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.165	83	299775	18.868	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	225450	19.806	ug/l		97
77) Bromobenzene	10.143	156	194118	20.633	ug/l		95
78) n-propylbenzene	10.278	91	859265	19.459	ug/l		98
79) 2-Chlorotoluene	10.349	91	544453	20.605	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	608916	20.203	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.928	75	88371	18.637	ug/l		98
82) 4-Chlorotoluene	10.464	91	638047	20.825	ug/l		99
83) tert-Butylbenzene	10.789	119	580986	19.331	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	606570	20.729	ug/l		99
85) sec-Butylbenzene	11.014	105	746133	18.717	ug/l		99
86) p-Isopropyltoluene	11.169	119	634984	19.138	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	376684	19.783	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	400394	19.167	ug/l		98
89) n-Butylbenzene	11.580	91	584712	18.453	ug/l		99
90) Hexachloroethane	11.821	117	138340	16.932	ug/l		97
91) 1,2-Dichlorobenzene	11.567	146	351285	19.747	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	59576	21.068	ug/l		93
93) 1,2,4-Trichlorobenzene	13.185	180	207321	20.331	ug/l		99
94) Hexachlorobutadiene	13.368	225	89509	16.893	ug/l		98
95) Naphthalene	13.426	128	670606	20.346	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	212131	20.340	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 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

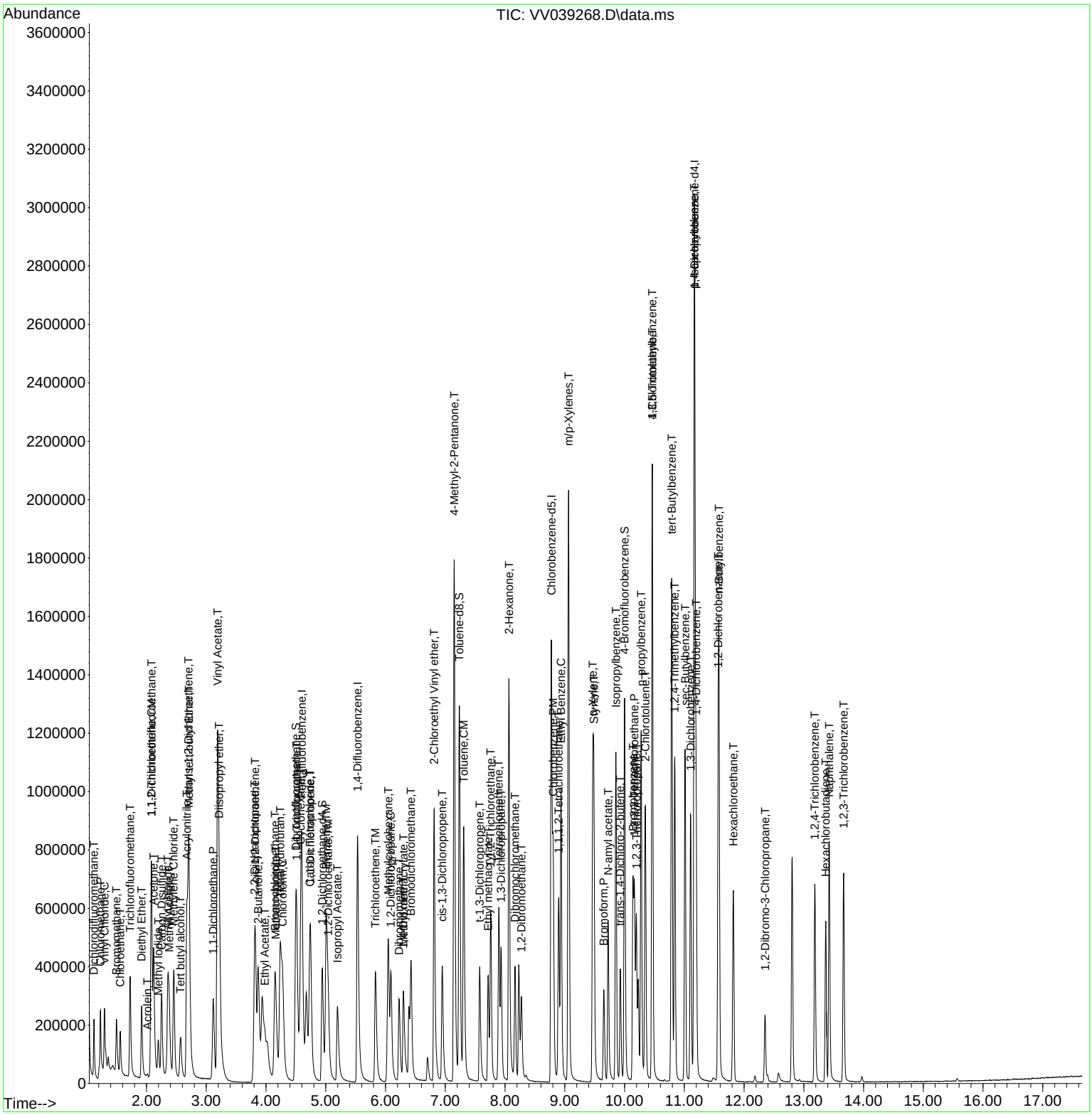
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 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_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	164419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112693	43.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.120%		
35) Dibromofluoromethane	5.379	113	88738	47.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.634	98	306290	47.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.540%		
62) 4-Bromofluorobenzene	11.061	95	115107	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	31333	18.403	ug/l	96
3) Chloromethane	1.300	50	34052	15.218	ug/l	97
4) Vinyl Chloride	1.380	62	37697	17.210	ug/l	99
5) Bromomethane	1.617	94	19518	14.052	ug/l	89
6) Chloroethane	1.697	64	25102	17.146	ug/l	92
7) Trichlorofluoromethane	1.898	101	60802	18.695	ug/l	99
8) Diethyl Ether	2.136	74	21922	16.477	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	37043	19.479	ug/l	99
10) Methyl Iodide	2.459	142	39476	13.310	ug/l	98
11) Tert butyl alcohol	2.940	59	23415	80.332	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34503	17.662	ug/l	98
13) Acrolein	2.239	56	49862	185.635	ug/l	97
14) Allyl chloride	2.666	41	64626	16.032	ug/l	99
15) Acrylonitrile	3.062	53	98346	91.090	ug/l	97
16) Acetone	2.373	43	88884	78.110	ug/l	98
17) Carbon Disulfide	2.520	76	85084	15.910	ug/l	97
18) Methyl Acetate	2.703	43	48297	19.071	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	121914	17.096	ug/l	98
20) Methylene Chloride	2.788	84	40333	16.745	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	36145	17.186	ug/l	98
22) Diisopropyl ether	3.751	45	138188	17.689	ug/l #	84
23) Vinyl Acetate	3.715	43	531551	85.014	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73779	17.768	ug/l	96
25) 2-Butanone	4.544	43	120993	85.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	62329	18.058	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44926	17.443	ug/l	99
28) Bromochloromethane	4.891	49	34354	18.951	ug/l	100
29) Tetrahydrofuran	4.995	42	73460	86.029	ug/l	100
30) Chloroform	5.080	83	78236	18.645	ug/l	97
31) Cyclohexane	5.458	56	58909	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	67102	18.854	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48874	17.861	ug/l	99
37) Ethyl Acetate	4.708	43	48839	16.669	ug/l	99
38) Carbon Tetrachloride	5.672	117	58184	19.570	ug/l	97
39) Methylcyclohexane	7.366	83	54588	17.574	ug/l	95
40) Benzene	6.025	78	151475	18.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	27057	17.888	ug/l		96
42) 1,2-Dichloroethane	6.074	62	57798	18.278	ug/l		97
43) Isopropyl Acetate	6.324	43	85430	17.779	ug/l		100
44) Trichloroethene	7.110	130	37725	18.775	ug/l		95
45) 1,2-Dichloropropane	7.415	63	40931	19.233	ug/l		98
46) Dibromomethane	7.568	93	28907	18.666	ug/l		99
47) Bromodichloromethane	7.805	83	60643	18.976	ug/l		96
48) Methyl methacrylate	7.677	41	41003	17.131	ug/l		98
49) 1,4-Dioxane	7.647	88	10772	445.327	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	255089	95.747	ug/l		100
52) Toluene	8.702	92	96602	18.866	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	57749	17.716	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	64754	18.586	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	38549	19.524	ug/l		98
56) Ethyl methacrylate	9.104	69	55086	17.765	ug/l		99
57) 1,3-Dichloropropane	9.293	76	66503	19.608	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	127894	93.558	ug/l		99
59) 2-Hexanone	9.415	43	176211	92.091	ug/l		99
60) Dibromochloromethane	9.506	129	45569	20.031	ug/l		99
61) 1,2-Dibromoethane	9.598	107	38612	19.200	ug/l		98
64) Tetrachloroethene	9.256	164	30944	18.738	ug/l		96
65) Chlorobenzene	10.061	112	107635	18.703	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	38451	19.362	ug/l		100
67) Ethyl Benzene	10.177	91	182481	18.377	ug/l		98
68) m/p-Xylenes	10.287	106	139102	37.636	ug/l		97
69) o-Xylene	10.622	106	65769	18.397	ug/l		98
70) Styrene	10.640	104	114309	18.249	ug/l		99
71) Bromoform	10.780	173	28275	19.068	ug/l	#	98
73) Isopropylbenzene	10.945	105	175020	18.170	ug/l		100
74) N-amyl acetate	10.829	43	73123	16.647	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54864	18.825	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	47442m	18.494	ug/l		
77) Bromobenzene	11.183	156	41905	17.663	ug/l		97
78) n-propylbenzene	11.286	91	208714	18.329	ug/l		100
79) 2-Chlorotoluene	11.347	91	125180	17.949	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	144131	18.212	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	15722	15.629	ug/l		97
82) 4-Chlorotoluene	11.439	91	148433	18.020	ug/l		99
83) tert-Butylbenzene	11.695	119	146251	18.052	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	142546	17.766	ug/l		96
85) sec-Butylbenzene	11.872	105	175128	18.199	ug/l		100
86) p-Isopropyltoluene	11.994	119	145725	17.888	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79735	18.094	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	80816	17.869	ug/l		98
89) n-Butylbenzene	12.317	91	134912	17.897	ug/l		98
90) Hexachloroethane	12.518	117	26886	18.797	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	74860	17.831	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9946	16.856	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	44381	16.266	ug/l		97
94) Hexachlorobutadiene	13.707	225	15887	17.142	ug/l		97
95) Naphthalene	13.756	128	130919	15.758	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	42450	16.725	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

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

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

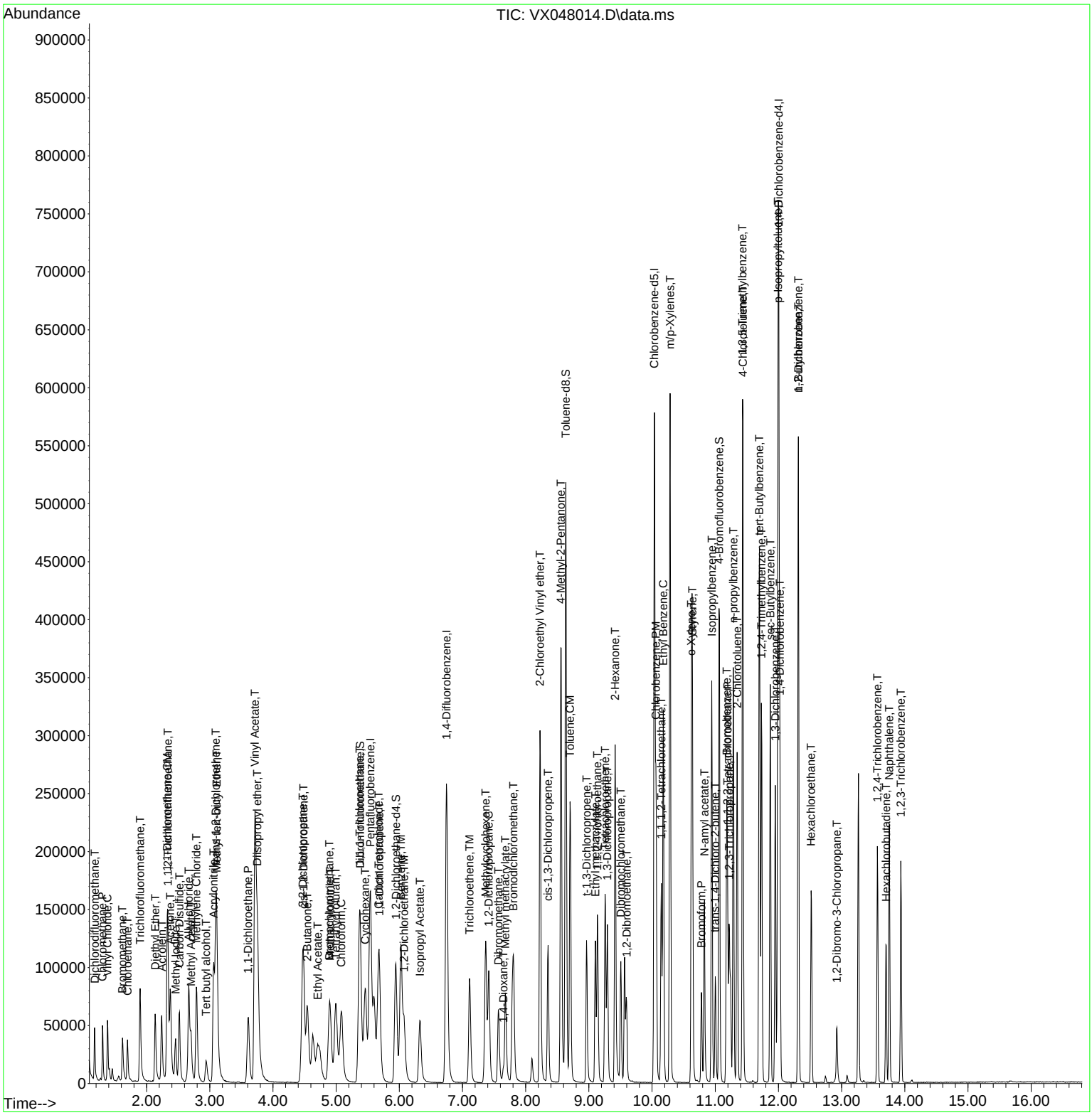
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	530712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	834883	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	807929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	328654	42.788	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 85.580%			
35) Dibromofluoromethane	4.503	113	326044	48.578	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.160%			
50) Toluene-d8	7.236	98	892549	45.278	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.560%			
62) 4-Bromofluorobenzene	10.001	95	431498	53.172	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	138162	16.446	ug/l	97
3) Chloromethane	1.230	50	148206	16.433	ug/l	100
4) Vinyl Chloride	1.298	62	163797	16.965	ug/l	99
5) Bromomethane	1.497	94	115699	19.009	ug/l	98
6) Chloroethane	1.561	64	108471	17.788	ug/l	98
7) Trichlorofluoromethane	1.728	101	262214	18.758	ug/l	99
8) Diethyl Ether	1.921	74	98190	18.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.085	101	164380	19.763	ug/l	98
10) Methyl Iodide	2.198	142	175456	22.151	ug/l	99
11) Tert butyl alcohol	2.568	59	159087	97.996	ug/l	99
12) 1,1-Dichloroethene	2.082	96	150016	18.748	ug/l	95
13) Acrolein	2.015	56	17374	61.677	ug/l	99
14) Allyl chloride	2.362	41	257886	18.042	ug/l	95
15) Acrylonitrile	2.674	53	492695	94.675	ug/l	99
16) Acetone	2.121	43	474589	93.370	ug/l	97
17) Carbon Disulfide	2.253	76	388682	15.883	ug/l	98
18) Methyl Acetate	2.381	43	244952	21.524	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	521032	20.434	ug/l	96
20) Methylene Chloride	2.458	84	180046	20.156	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	160169	18.803	ug/l	95
22) Diisopropyl ether	3.217	45	513200	18.766	ug/l	85
23) Vinyl Acetate	3.191	43	2200657	91.989	ug/l	97
24) 1,1-Dichloroethane	3.117	63	307499	18.387	ug/l	98
25) 2-Butanone	3.870	43	575336	93.540	ug/l	97
26) 2,2-Dichloropropane	3.815	77	259507	17.501	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	184518	19.640	ug/l	95
28) Bromochloromethane	4.146	49	144451	19.566	ug/l	90
29) Tetrahydrofuran	4.240	42	355912	92.448	ug/l	96
30) Chloroform	4.281	83	318542	18.241	ug/l	98
31) Cyclohexane	4.584	56	222742	16.259	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	277703	18.368	ug/l	97
36) 1,1-Dichloropropene	4.748	75	188879	18.613	ug/l	99
37) Ethyl Acetate	3.982	43	219152	17.798	ug/l	98
38) Carbon Tetrachloride	4.738	117	233151	18.800	ug/l	99
39) Methylcyclohexane	6.047	83	208027	16.976	ug/l	96
40) Benzene	5.011	78	637793	19.301	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93622	18.084 ug/l	95
42) 1,2-Dichloroethane	5.043	62	221588	19.138 ug/l	97
43) Isopropyl Acetate	5.198	43	327228	19.491 ug/l	98
44) Trichloroethene	5.834	130	154476	20.259 ug/l	99
45) 1,2-Dichloropropane	6.092	63	156695	19.078 ug/l	98
46) Dibromomethane	6.227	93	126461	20.117 ug/l	95
47) Bromodichloromethane	6.429	83	252593	19.436 ug/l	98
48) Methyl methacrylate	6.301	41	144785	19.024 ug/l	95
49) 1,4-Dioxane	6.294	88	44086	358.959 ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	1164431	105.425 ug/l	99
52) Toluene	7.310	92	400377	20.898 ug/l	98
53) t-1,3-Dichloropropene	7.577	75	241108	21.288 ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	263751	21.095 ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	175184	20.392 ug/l	98
56) Ethyl methacrylate	7.719	69	215210	21.095 ug/l	96
57) 1,3-Dichloropropane	7.937	76	274772	20.267 ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	474541	88.830 ug/l	97
59) 2-Hexanone	8.066	43	835694	95.188 ug/l	99
60) Dibromochloromethane	8.169	129	202074	20.644 ug/l	100
61) 1,2-Dibromoethane	8.275	107	188087	21.409 ug/l	98
64) Tetrachloroethene	7.899	164	138188	20.420 ug/l	96
65) Chlorobenzene	8.805	112	454849	20.212 ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	168298	20.697 ug/l	98
67) Ethyl Benzene	8.937	91	689222	20.232 ug/l	98
68) m/p-Xylenes	9.063	106	568873	43.267 ug/l	99
69) o-Xylene	9.468	106	254107	21.827 ug/l	96
70) Styrene	9.487	104	461186	19.600 ug/l	99
71) Bromoform	9.654	173	140950	22.191 ug/l	98
73) Isopropylbenzene	9.857	105	699688	20.047 ug/l	100
74) N-amyl acetate	9.725	43	275038	19.756 ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.165	83	287626	18.809 ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	205482	18.755 ug/l	98
77) Bromobenzene	10.140	156	187797	20.739 ug/l	96
78) n-propylbenzene	10.278	91	831093	19.554 ug/l	98
79) 2-Chlorotoluene	10.349	91	523752	20.594 ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	591210	20.380 ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	89087	19.521 ug/l	99
82) 4-Chlorotoluene	10.464	91	608970	20.650 ug/l	99
83) tert-Butylbenzene	10.789	119	550870	19.043 ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	581871	20.660 ug/l	98
85) sec-Butylbenzene	11.011	105	722734	18.837 ug/l	100
86) p-Isopropyltoluene	11.165	119	610180	19.107 ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	372185	20.309 ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	391588	19.476 ug/l	99
89) n-Butylbenzene	11.580	91	559457	18.344 ug/l	99
90) Hexachloroethane	11.818	117	132512	16.851 ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	345188	20.161 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56191	20.636 ug/l	91
93) 1,2,4-Trichlorobenzene	13.185	180	198726	20.248 ug/l	100
94) Hexachlorobutadiene	13.368	225	84439	16.557 ug/l	98
95) Naphthalene	13.426	128	632578	19.941 ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	203723	20.295 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

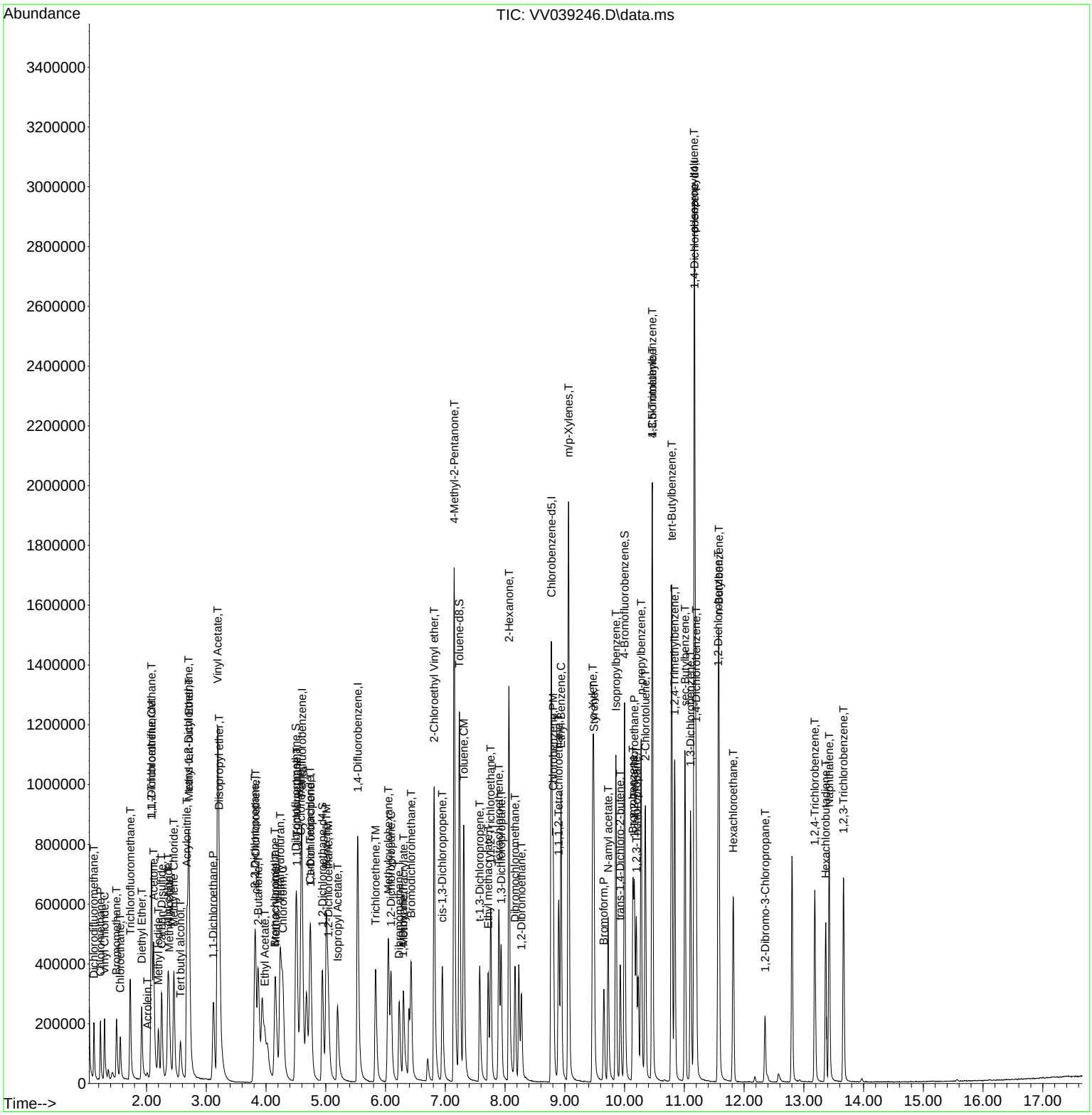
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

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

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Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

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

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Manual Integration Report

Sequence:	VV100325	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3201-01	VV039256.D	Methyl tert-butyl Ether	MMDadoda	10/6/2025 4:24:52 AM	SAM	10/6/2025 4:28:56 AM	Peak Integrated by Software
Q3201-02	VV039257.D	Methyl tert-butyl Ether	MMDadoda	10/6/2025 4:24:54 AM	SAM	10/6/2025 4:28:57 AM	Peak Integrated by Software
Q3201-05	VV039260.D	n-Butylbenzene	MMDadoda	10/6/2025 4:24:56 AM	SAM	10/6/2025 4:28:59 AM	Peak Integrated by Software
Q3201-05	VV039260.D	sec-Butylbenzene	MMDadoda	10/6/2025 4:24:56 AM	SAM	10/6/2025 4:28:59 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	Vv100625	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3201-05DL	VV039270.D	n-Butylbenzene	MMDadoda	10/7/2025 1:41:23 PM	Sam	10/7/2025 1:42:49 PM	Peak Integrated by Software
Q3201-02DL	VV039272.D	Benzene	MMDadoda	10/7/2025 1:41:25 PM	Sam	10/7/2025 1:42:49 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048009.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:15:55 AM	MMDadoda	10/7/2025 1:40:16 PM	Peak Integrated by Software
VX1006WBS02	VX048014.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:04 AM	MMDadoda	10/7/2025 1:40:18 PM	Peak Integrated by Software
Q3201-06	VX048020.D	n-Butylbenzene	JOHN	10/7/2025 9:16:13 AM	MMDadoda	10/7/2025 1:40:21 PM	Peak Integrated by Software
Q3201-06	VX048020.D	sec-Butylbenzene	JOHN	10/7/2025 9:16:13 AM	MMDadoda	10/7/2025 1:40:21 PM	Peak Integrated by Software
VSTDCCC050	VX048034.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:27 AM	MMDadoda	10/7/2025 1:40:25 PM	Peak Integrated by Software

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

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

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM		
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
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	VV039241.D	03 Oct 2025 08:26	SY/MD	Ok
2	VSTDCCC050	VV039242.D	03 Oct 2025 08:53	SY/MD	Ok
3	VV1003MBL01	VV039243.D	03 Oct 2025 11:04	SY/MD	Ok
4	VV1003WBL01	VV039244.D	03 Oct 2025 11:26	SY/MD	Ok
5	VV1003WBS01	VV039245.D	03 Oct 2025 13:07	SY/MD	Ok
6	VV1003WBSD01	VV039246.D	03 Oct 2025 13:29	SY/MD	Ok
7	Q3263-01	VV039247.D	03 Oct 2025 14:19	SY/MD	ReRun
8	Q3263-02	VV039248.D	03 Oct 2025 14:42	SY/MD	ReRun
9	Q3201-07	VV039249.D	03 Oct 2025 15:04	SY/MD	Ok
10	Q3201-08	VV039250.D	03 Oct 2025 15:27	SY/MD	Ok
11	Q3254-09	VV039251.D	03 Oct 2025 15:49	SY/MD	Ok
12	Q3254-01	VV039252.D	03 Oct 2025 16:11	SY/MD	Ok
13	Q3254-03	VV039253.D	03 Oct 2025 16:34	SY/MD	Ok
14	Q3254-05	VV039254.D	03 Oct 2025 16:56	SY/MD	Ok
15	Q3254-07	VV039255.D	03 Oct 2025 17:19	SY/MD	Ok
16	Q3201-01	VV039256.D	03 Oct 2025 17:41	SY/MD	Dilution
17	Q3201-02	VV039257.D	03 Oct 2025 18:04	SY/MD	Dilution
18	Q3201-03	VV039258.D	03 Oct 2025 18:26	SY/MD	ReRun
19	Q3201-04	VV039259.D	03 Oct 2025 18:49	SY/MD	Not Ok
20	Q3201-05	VV039260.D	03 Oct 2025 19:11	SY/MD	Dilution
21	Q3201-06	VV039261.D	03 Oct 2025 19:34	SY/MD	Not Ok

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM				
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VIBLK	VV039262.D	03 Oct 2025 19:56	SY/MD	Ok
23	VSTDCCC050	VV039263.D	03 Oct 2025 20:19	SY/MD	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100625

Review By	Mahesh Dadoda	Review On	10/7/2025 1:40:31 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/7/2025 1:42:17 PM		
SubDirectory	VV100625	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135749
Initial Calibration Stds	
CCC	VP135750,VP135751
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	VV039264.D	06 Oct 2025 08:07	SY/MD	Ok
2	VSTDCCC050	VV039265.D	06 Oct 2025 11:46	SY/MD	Ok
3	VV1006MBL01	VV039266.D	06 Oct 2025 12:13	SY/MD	Ok
4	VV1006WBL01	VV039267.D	06 Oct 2025 12:35	SY/MD	Ok
5	VV1006WBS01	VV039268.D	06 Oct 2025 13:01	SY/MD	Ok
6	VV1006WBSD01	VV039269.D	06 Oct 2025 13:24	SY/MD	Ok
7	Q3201-05DL	VV039270.D	06 Oct 2025 13:56	SY/MD	Ok,M
8	Q3201-01DL	VV039271.D	06 Oct 2025 14:19	SY/MD	Ok
9	Q3201-02DL	VV039272.D	06 Oct 2025 14:41	SY/MD	Ok,M
10	PB169972TB	VV039273.D	06 Oct 2025 15:03	SY/MD	Ok,M
11	Q3269-03	VV039274.D	06 Oct 2025 15:26	SY/MD	Ok
12	Q3269-06	VV039275.D	06 Oct 2025 15:48	SY/MD	Ok
13	Q3289-02	VV039276.D	06 Oct 2025 16:11	SY/MD	ReRun
14	Q3289-04	VV039277.D	06 Oct 2025 16:33	SY/MD	ReRun
15	Q3289-06	VV039278.D	06 Oct 2025 16:56	SY/MD	Ok
16	VIBLK	VV039279.D	06 Oct 2025 17:18	SY/MD	Ok
17	VSTDCCC050	VV039280.D	06 Oct 2025 17:40	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048008.D	06 Oct 2025 08:12	JC/MD	Ok
2	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	JC/MD	Ok,M
3	VX1006MBL01	VX048010.D	06 Oct 2025 09:23	JC/MD	Ok
4	VX1006WBL01	VX048011.D	06 Oct 2025 09:44	JC/MD	Ok
5	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	JC/MD	Not Ok
6	Q3202-19	VX048013.D	06 Oct 2025 11:13	JC/MD	Ok
7	VX1006WBS02	VX048014.D	06 Oct 2025 11:34	JC/MD	Ok,M
8	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01	JC/MD	Ok,M
9	Q3279-01	VX048016.D	06 Oct 2025 12:22	JC/MD	Ok
10	Q3279-02	VX048017.D	06 Oct 2025 12:43	JC/MD	Ok
11	Q3279-03	VX048018.D	06 Oct 2025 13:04	JC/MD	Ok
12	Q3279-04	VX048019.D	06 Oct 2025 13:25	JC/MD	Ok
13	Q3201-06	VX048020.D	06 Oct 2025 13:46	JC/MD	Ok,M
14	Q3201-03	VX048021.D	06 Oct 2025 14:07	JC/MD	Ok
15	Q3201-04	VX048022.D	06 Oct 2025 14:28	JC/MD	Ok
16	Q3263-01	VX048023.D	06 Oct 2025 14:49	JC/MD	Ok
17	Q3263-02	VX048024.D	06 Oct 2025 15:10	JC/MD	Ok
18	Q3202-03	VX048025.D	06 Oct 2025 15:31	JC/MD	Ok
19	Q3202-05	VX048026.D	06 Oct 2025 15:51	JC/MD	Ok
20	Q3202-07	VX048027.D	06 Oct 2025 16:12	JC/MD	Ok
21	Q3202-09	VX048028.D	06 Oct 2025 16:33	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3202-17	VX048029.D	06 Oct 2025 16:54	JC/MD	Ok
23	IBLK	VX048030.D	06 Oct 2025 17:15	JC/MD	Ok
24	Q3202-11	VX048031.D	06 Oct 2025 17:35	JC/MD	Ok
25	Q3202-13MS	VX048032.D	06 Oct 2025 17:56	JC/MD	Ok,M
26	Q3202-15MSD	VX048033.D	06 Oct 2025 18:17	JC/MD	Ok,M
27	VSTDCCC050	VX048034.D	06 Oct 2025 18:38	JC/MD	Ok,M

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 # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM		
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
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	VV039241.D	03 Oct 2025 08:26		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039242.D	03 Oct 2025 08:53	CCC failed High For Com.#52,68,69	SY/MD	Ok
3	VV1003MBL01	VV1003MBL01	VV039243.D	03 Oct 2025 11:04		SY/MD	Ok
4	VV1003WBL01	VV1003WBL01	VV039244.D	03 Oct 2025 11:26		SY/MD	Ok
5	VV1003WBS01	VV1003WBS01	VV039245.D	03 Oct 2025 13:07		SY/MD	Ok
6	VV1003WBSD01	VV1003WBSD01	VV039246.D	03 Oct 2025 13:29		SY/MD	Ok
7	Q3263-01	251818	VV039247.D	03 Oct 2025 14:19	Surrogate fail	SY/MD	ReRun
8	Q3263-02	266380	VV039248.D	03 Oct 2025 14:42	Surrogate fail	SY/MD	ReRun
9	Q3201-07	FIELD-BLANK	VV039249.D	03 Oct 2025 15:04	FB	SY/MD	Ok
10	Q3201-08	TRIP-BLANK	VV039250.D	03 Oct 2025 15:27	TB	SY/MD	Ok
11	Q3254-09	TRIP-BLANK	VV039251.D	03 Oct 2025 15:49	TB	SY/MD	Ok
12	Q3254-01	MW-1	VV039252.D	03 Oct 2025 16:11		SY/MD	Ok
13	Q3254-03	MW-2	VV039253.D	03 Oct 2025 16:34		SY/MD	Ok
14	Q3254-05	MW-3	VV039254.D	03 Oct 2025 16:56		SY/MD	Ok
15	Q3254-07	MW-4	VV039255.D	03 Oct 2025 17:19		SY/MD	Ok
16	Q3201-01	MW6	VV039256.D	03 Oct 2025 17:41	Need 100X	SY/MD	Dilution
17	Q3201-02	MW14	VV039257.D	03 Oct 2025 18:04	Need 100X	SY/MD	Dilution

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM		
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3201-03	MW15	VV039258.D	03 Oct 2025 18:26	E flag of previous sample	SY/MD	ReRun
19	Q3201-04	MW10	VV039259.D	03 Oct 2025 18:49	Need Straight Run	SY/MD	Not Ok
20	Q3201-05	MW1	VV039260.D	03 Oct 2025 19:11	Need 40X	SY/MD	Dilution
21	Q3201-06	MW3	VV039261.D	03 Oct 2025 19:34	E flag of previous sample; Run @ lower dilution; CCC Failed High	SY/MD	Not Ok
22	VIBLK	VIBLK	VV039262.D	03 Oct 2025 19:56		SY/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VV039263.D	03 Oct 2025 20:19		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100625

Review By	Mahesh Dadoda	Review On	10/7/2025 1:40:31 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/7/2025 1:42:17 PM		
SubDirectory	VV100625	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135749
Initial Calibration Stds	
CCC	VP135750,VP135751
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	VV039264.D	06 Oct 2025 08:07		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039265.D	06 Oct 2025 11:46		SY/MD	Ok
3	VV1006MBL01	VV1006MBL01	VV039266.D	06 Oct 2025 12:13		SY/MD	Ok
4	VV1006WBL01	VV1006WBL01	VV039267.D	06 Oct 2025 12:35		SY/MD	Ok
5	VV1006WBS01	VV1006WBS01	VV039268.D	06 Oct 2025 13:01		SY/MD	Ok
6	VV1006WBSD01	VV1006WBSD01	VV039269.D	06 Oct 2025 13:24		SY/MD	Ok
7	Q3201-05DL	MW1DL	VV039270.D	06 Oct 2025 13:56		SY/MD	Ok,M
8	Q3201-01DL	MW6DL	VV039271.D	06 Oct 2025 14:19		SY/MD	Ok
9	Q3201-02DL	MW14DL	VV039272.D	06 Oct 2025 14:41		SY/MD	Ok,M
10	PB169972TB	PB169972TB	VV039273.D	06 Oct 2025 15:03		SY/MD	Ok,M
11	Q3269-03	EG1-TP1	VV039274.D	06 Oct 2025 15:26		SY/MD	Ok
12	Q3269-06	EG1-TP2	VV039275.D	06 Oct 2025 15:48		SY/MD	Ok
13	Q3289-02	VNJ-240	VV039276.D	06 Oct 2025 16:11	Internal Standard Fail	SY/MD	ReRun
14	Q3289-04	VNJ-261	VV039277.D	06 Oct 2025 16:33	Internal Standard Fail	SY/MD	ReRun
15	Q3289-06	72-11966	VV039278.D	06 Oct 2025 16:56		SY/MD	Ok
16	VIBLK	VIBLK	VV039279.D	06 Oct 2025 17:18		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VV039280.D	06 Oct 2025 17:40		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048008.D	06 Oct 2025 08:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	compound#11 fail high marginally in CCC	JC/MD	Ok,M
3	VX1006MBL01	VX1006MBL01	VX048010.D	06 Oct 2025 09:23		JC/MD	Ok
4	VX1006WBL01	VX1006WBL01	VX048011.D	06 Oct 2025 09:44		JC/MD	Ok
5	VX1006WBS01	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	Recovery fail	JC/MD	Not Ok
6	Q3202-19	TB	VX048013.D	06 Oct 2025 11:13	vial A pH<2 TB	JC/MD	Ok
7	VX1006WBS02	VX1006WBS02	VX048014.D	06 Oct 2025 11:34		JC/MD	Ok,M
8	VX1006WBSD02	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01		JC/MD	Ok,M
9	Q3279-01	STORAGE-BLANK-SAI	VX048016.D	06 Oct 2025 12:22	vial A pH<2	JC/MD	Ok
10	Q3279-02	STORAGE-BLANK-WA	VX048017.D	06 Oct 2025 12:43	vial A pH<2	JC/MD	Ok
11	Q3279-03	STORAGE-BLANK-WA	VX048018.D	06 Oct 2025 13:04	vial A pH<2	JC/MD	Ok
12	Q3279-04	STORAGE-BLANK-SAI	VX048019.D	06 Oct 2025 13:25	vial A pH<2	JC/MD	Ok
13	Q3201-06	MW3	VX048020.D	06 Oct 2025 13:46	vial A pH<2	JC/MD	Ok,M
14	Q3201-03	MW15	VX048021.D	06 Oct 2025 14:07	vial B pH<2	JC/MD	Ok
15	Q3201-04	MW10	VX048022.D	06 Oct 2025 14:28	vial A pH<2	JC/MD	Ok
16	Q3263-01	251818	VX048023.D	06 Oct 2025 14:49	vial B pH<2	JC/MD	Ok
17	Q3263-02	266380	VX048024.D	06 Oct 2025 15:10	vial B pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3202-03	SY-2R	VX048025.D	06 Oct 2025 15:31	vial A pH<2	JC/MD	Ok
19	Q3202-05	SY-2D	VX048026.D	06 Oct 2025 15:51	vial A pH<2	JC/MD	Ok
20	Q3202-07	SY-5	VX048027.D	06 Oct 2025 16:12	vial A pH<2	JC/MD	Ok
21	Q3202-09	SY-3DD	VX048028.D	06 Oct 2025 16:33	vial A pH<2	JC/MD	Ok
22	Q3202-17	SY-3	VX048029.D	06 Oct 2025 16:54	vial A pH<2	JC/MD	Ok
23	IBLK	IBLK	VX048030.D	06 Oct 2025 17:15		JC/MD	Ok
24	Q3202-11	SY-3D	VX048031.D	06 Oct 2025 17:35	vial A pH<2	JC/MD	Ok
25	Q3202-13MS	SY-3DMS	VX048032.D	06 Oct 2025 17:56	vial A pH<2	JC/MD	Ok,M
26	Q3202-15MSD	SY-3DMSD	VX048033.D	06 Oct 2025 18:17	vial A pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX048034.D	06 Oct 2025 18:38		JC/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q3201	**OrderDate:**	9/25/2025 10:49:00 AM
Client:	M2 Associates	**Project:**	143 Red Lion Rd Southampton Twp, NJ
Contact:	Matt Mulhall	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3201-01	**MW6**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-01DL	**MW6DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-02	**MW14**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-02DL	**MW14DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-03	**MW15**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-04	**MW10**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-05	**MW1**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-05DL	**MW1DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-06	**MW3**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-07	**FIELD-BLANK**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-08	**TRIP-BLANK**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3201
COC Number 2045137

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: M² Associates Inc.
ADDRESS: 36 Country Acres Dr.
CITY Hampton STATE: NJ ZIP: 08827
ATTENTION: Matt Mullaly
PHONE: (908) 238-0827 FAX: (908) 238-0830

CLIENT PROJECT INFORMATION

PROJECT NAME: 143 Rellion Rd.
PROJECT NO.: — LOCATION: Vineland NJ
PROJECT MANAGER: Matt Mullaly
e-mail: M2-gw@comcast.net
PHONE: (908) 238-0827 FAX: (908) 238-0830

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☒ EDD FORMAT NJ Hazsite

ANALYSIS

VOCs Only 2

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	A 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW6	H_2O		✓	9/24	10:00	2	✓									
2.	MW 14			✓		10:30	2	✓									
3.	MW 15			✓		11:05	2	✓									
4.	MW 5			✓			2	✓									Not Sampled
5.	MW4			✓			2	✓									Not Sampled
6.	MW 10			✓		12:55	2	✓									
7.	~~MW 1~~ MW 1			✓		13:35	2	✓									
8.	~~MW 3~~ MW 3			✓		14:20	2	✓									
9.	Field Blank			✓	↓	14:25	2	✓									
10.	Trip Blank	↓															

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/25: 10:02	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.2°C °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3201 M2AS01
Client Name : M2 Associates
Client Contact : Matt Mulhall
Invoice Name : M2 Associates
Invoice Contact : Matt Mulhall

Order Date : 9/25/2025 10:49:00 AM
Project Name : 143 Red Lion Rd Southamp
Receive DateTime : 9/25/2025 10:02:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3201-01	MW6	Water	09/24/2025	10:00					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-02	MW14	Water	09/24/2025	10:30					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-03	MW15	Water	09/24/2025	11:05					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-04	MW10	Water	09/24/2025	12:55					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-05	MW1	Water	09/24/2025	13:35					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-06	MW3	Water	09/24/2025	14:20					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-07	FIELD-BLANK	Water	09/24/2025	14:25					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-08	TRIP-BLANK	Water	09/24/2025	00:00					

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Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group2		8260-Low		10 Bus. Days

Relinguished By : _____
Date / Time : 9/25/25 1225

Received By : _____
Date / Time : 09/25/25 12:25 RG 4

Storage Area : VOA Refridgerator Room