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 : Q2455

ATTENTION : Matt Mulhall

Laboratory Certification ID # 20012

Table Of Contents for Q2455

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : M2 Associates

Project Location : Vincentown

Project Number :

Laboratory Sample ID(s) : Q2455

Sampling Date(s) : 6/27/2025

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 : Q2455

Project ID : 143 Red Lion Rd Southampton Twp, NJ

Client : M2 Associates

Lab Sample Number	Client Sample Number
Q2455-01	MW1
Q2455-02	MW3
Q2455-03	MW10
Q2455-04	FIELD-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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:39 pm, Jul 09, 2025

Date: 7/8/2025

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 # Q2455
Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:
4 Water samples were received on 06/27/2025.

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_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group2 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Samples MW1, MW3 and MW10 were diluted as per past history of these samples.

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

Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 2:39 pm, Jul 09, 2025

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2455

	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: MOHAMMAD AHMED **Date:** 07/08/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2455

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW1**							
Q2455-01	MW1	Water	Cyclohexane	34.3	J	14.5	50.0	ug/L
Q2455-01	MW1	Water	Methylcyclohexane	30.4		1.60	10.0	ug/L
Q2455-01	MW1	Water	Benzene	6.40	J	1.50	10.0	ug/L
Q2455-01	MW1	Water	Toluene	92.6		1.40	10.0	ug/L
Q2455-01	MW1	Water	Ethyl Benzene	210		1.30	10.0	ug/L
Q2455-01	MW1	Water	m/p-Xylenes	1200		2.40	20.0	ug/L
Q2455-01	MW1	Water	o-Xylene	380		1.20	10.0	ug/L
Q2455-01	MW1	Water	Isopropylbenzene	76.7		1.20	10.0	ug/L
			Total Voc :	2030				
			Total Concentration:	2030				
Client ID:	**MW3**							
Q2455-02	MW3	Water	Benzene	520		75.0	500	ug/L
Q2455-02	MW3	Water	Toluene	21900		70.0	500	ug/L
Q2455-02	MW3	Water	Ethyl Benzene	900		65.0	500	ug/L
Q2455-02	MW3	Water	m/p-Xylenes	5000		120	1000	ug/L
Q2455-02	MW3	Water	o-Xylene	2100		60.0	500	ug/L
			Total Voc :	30400				
			Total Concentration:	30400				
Client ID:	**MW10**							
Q2455-03	MW10	Water	Acetone	52.2		15.1	50.0	ug/L
Q2455-03	MW10	Water	Methylcyclohexane	4.80	J	1.60	10.0	ug/L
Q2455-03	MW10	Water	Ethyl Benzene	16.1		1.30	10.0	ug/L
Q2455-03	MW10	Water	m/p-Xylenes	37.8		2.40	20.0	ug/L
Q2455-03	MW10	Water	Isopropylbenzene	99.1		1.20	10.0	ug/L
			Total Voc :	210				
			Total Concentration:	210				

SAMPLE DATA

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	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
VX046875.D	10	07/03/25 10:44	VX070325

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	34.3	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	30.4		1.60	10.0	ug/L
71-43-2	Benzene	6.40	J	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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	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
VX046875.D	10	07/03/25 10:44	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	92.6		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	210		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	1200		2.40	20.0	ug/L
95-47-6	o-Xylene	380		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	76.7		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	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	371000	5.562			
540-36-3	1,4-Difluorobenzene	627000	6.769			
3114-55-4	Chlorobenzene-d5	574000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	276000	12.018			

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	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
VX046875.D	10	07/03/25 10:44	VX070325

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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	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
VX046877.D	500	07/03/25 11:25	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/L
74-87-3	Chloromethane	160	U	160	500	ug/L
75-01-4	Vinyl Chloride	130	U	130	500	ug/L
74-83-9	Bromomethane	720	U	720	2500	ug/L
75-00-3	Chloroethane	240	U	240	500	ug/L
75-69-4	Trichlorofluoromethane	170	U	170	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	130	U	130	500	ug/L
75-65-0	Tert butyl alcohol	2800	U	2800	12500	ug/L
75-35-4	1,1-Dichloroethene	120	U	120	500	ug/L
67-64-1	Acetone	760	U	760	2500	ug/L
75-15-0	Carbon Disulfide	110	U	110	500	ug/L
1634-04-4	Methyl tert-butyl Ether	80.0	U	80.0	500	ug/L
79-20-9	Methyl Acetate	140	U	140	500	ug/L
75-09-2	Methylene Chloride	140	U	140	500	ug/L
156-60-5	trans-1,2-Dichloroethene	120	U	120	500	ug/L
75-34-3	1,1-Dichloroethane	120	U	120	500	ug/L
110-82-7	Cyclohexane	730	U	730	2500	ug/L
78-93-3	2-Butanone	490	U	490	2500	ug/L
56-23-5	Carbon Tetrachloride	130	U	130	500	ug/L
156-59-2	cis-1,2-Dichloroethene	95.0	U	95.0	500	ug/L
74-97-5	Bromochloromethane	110	U	110	500	ug/L
67-66-3	Chloroform	130	U	130	500	ug/L
71-55-6	1,1,1-Trichloroethane	100	U	100	500	ug/L
108-87-2	Methylcyclohexane	80.0	U	80.0	500	ug/L
71-43-2	Benzene	520		75.0	500	ug/L
107-06-2	1,2-Dichloroethane	110	U	110	500	ug/L
79-01-6	Trichloroethene	46.5	U	46.5	500	ug/L
78-87-5	1,2-Dichloropropane	100	U	100	500	ug/L
75-27-4	Bromodichloromethane	110	U	110	500	ug/L
108-10-1	4-Methyl-2-Pentanone	340	U	340	2500	ug/L

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	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
VX046877.D	500	07/03/25 11:25	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21900		70.0	500	ug/L
10061-02-6	t-1,3-Dichloropropene	85.0	U	85.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	80.0	U	80.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	110	U	110	500	ug/L
591-78-6	2-Hexanone	450	U	450	2500	ug/L
124-48-1	Dibromochloromethane	90.0	U	90.0	500	ug/L
106-93-4	1,2-Dibromoethane	75.0	U	75.0	500	ug/L
127-18-4	Tetrachloroethene	120	U	120	500	ug/L
108-90-7	Chlorobenzene	60.0	U	60.0	500	ug/L
100-41-4	Ethyl Benzene	900		65.0	500	ug/L
179601-23-1	m/p-Xylenes	5000		120	1000	ug/L
95-47-6	o-Xylene	2100		60.0	500	ug/L
100-42-5	Styrene	75.0	U	75.0	500	ug/L
75-25-2	Bromoform	95.0	U	95.0	500	ug/L
98-82-8	Isopropylbenzene	60.0	U	60.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	130	U	130	500	ug/L
541-73-1	1,3-Dichlorobenzene	80.0	U	80.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	95.0	U	95.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	80.0	U	80.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	270	U	270	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	U	100	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	U	100	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.6		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	570000	5.562			
540-36-3	1,4-Difluorobenzene	964000	6.769			
3114-55-4	Chlorobenzene-d5	868000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	447000	12.018			

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	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
VX046877.D	500	07/03/25 11:25	VX070325

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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	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
VX046876.D	10	07/03/25 11:04	VX070325

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	52.2		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	14.5	U	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	4.80	J	1.60	10.0	ug/L
71-43-2	Benzene	1.50	U	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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	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
VX046876.D	10	07/03/25 11:04	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	1.40	U	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	16.1		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	37.8		2.40	20.0	ug/L
95-47-6	o-Xylene	1.20	U	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	99.1		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	47.5		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	527000	5.562			
540-36-3	1,4-Difluorobenzene	896000	6.769			
3114-55-4	Chlorobenzene-d5	819000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	402000	12.018			

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	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
VX046876.D	10	07/03/25 11:04	VX070325

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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	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
VX046878.D	1	07/03/25 11:46	VX070325

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:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	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
VX046878.D	1	07/03/25 11:46	VX070325

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	50.3		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	419000	5.562			
540-36-3	1,4-Difluorobenzene	727000	6.769			
3114-55-4	Chlorobenzene-d5	669000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	337000	12.018			

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Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	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
VX046878.D	1	07/03/25 11:46	VX070325

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

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Surrogate Summary

SDG No.: Q2455

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2455-01	MW1	1,2-Dichloroethane-d4	50	48.3	97		70 (74)	130 (125)
		Dibromofluoromethane	50	47.6	95		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.3	99		70 (77)	130 (121)
Q2455-02	MW3	1,2-Dichloroethane-d4	50	47.6	95		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100		70 (77)	130 (121)
Q2455-03	MW10	1,2-Dichloroethane-d4	50	47.5	95		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	49.5	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101		70 (77)	130 (121)
Q2455-04	FIELD-BLANK	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	47.8	96		70 (75)	130 (124)
		Toluene-d8	50	49.7	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100		70 (77)	130 (121)
VX0703WBL01	VX0703WBL01	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101		70 (77)	130 (121)
VX0703WBS01	VX0703WBS01	1,2-Dichloroethane-d4	50	49.9	100		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101		70 (77)	130 (121)
VX0703WBSD0	VX0703WBSD01	1,2-Dichloroethane-d4	50	51.3	103		70 (74)	130 (125)
		Dibromofluoromethane	50	49.8	100		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			40 (69)	160 (116)	
	Chloromethane	20	19.0	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	18.7	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	20.5	ug/L	103			40 (58)	160 (125)	
	Chloroethane	20	18.2	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	Tert butyl alcohol	100	88.3	ug/L	88			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.2	ug/L	91			70 (74)	130 (110)	
	Acetone	100	86.7	ug/L	87			40 (60)	160 (125)	
	Carbon disulfide	20	18.0	ug/L	90			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.9	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	19.3	ug/L	97			70 (67)	130 (125)	
	Methylene Chloride	20	18.5	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.0	ug/L	95			70 (78)	130 (112)	
	Cyclohexane	20	19.2	ug/L	96			70 (75)	130 (110)	
	2-Butanone	100	93.1	ug/L	93			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.3	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	16.0	ug/L	80			70 (70)	130 (124)	
	Chloroform	20	19.1	ug/L	96			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	18.6	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.6	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.6	ug/L	93			70 (83)	130 (111)	
	Bromodichloromethane	20	18.8	ug/L	94			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.2	ug/L	95			40 (74)	160 (118)	
	Toluene	20	19.1	ug/L	96			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.5	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			70 (83)	130 (112)	
	2-Hexanone	100	92.1	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	18.6	ug/L	93			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.6	ug/L	93			70 (81)	130 (110)	
	Tetrachloroethene	20	18.5	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	38.0	ug/L	95			70 (82)	130 (110)	
	o-Xylene	20	18.7	ug/L	94			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	18.3	ug/L	92			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.4	ug/L	92			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2455**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	1,2-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0703WBSD01	Dichlorodifluoromethane	20	19.3	ug/L	97	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.4	ug/L	97	2		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.1	ug/L	96	2		70 (65)	130 (117)	20 (19)
	Bromomethane	20	20.5	ug/L	103	0		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.8	ug/L	94	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.5	ug/L	98	4		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	4		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	97.8	ug/L	98	11		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	19.2	ug/L	96	5		70 (74)	130 (110)	20 (20)
	Acetone	100	91.0	ug/L	91	4		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.5	ug/L	93	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.5	ug/L	103	8		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.5	ug/L	103	6		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.9	ug/L	100	7		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.6	ug/L	98	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.1	ug/L	101	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	98.7	ug/L	99	6		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.9	ug/L	100	5		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.5	ug/L	88	10		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.1	ug/L	101	5		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.4	ug/L	97	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.3	ug/L	97	4		70 (72)	130 (115)	20 (20)
	Benzene	20	19.8	ug/L	99	4		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.3	ug/L	102	9		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.9	ug/L	95	3		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.9	ug/L	100	7		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.0	ug/L	100	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	5		40 (74)	160 (118)	20 (25)
	Toluene	20	20.1	ug/L	101	5		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.8	ug/L	99	7		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	9		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.7	ug/L	104	8		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	8		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.0	ug/L	100	7		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	8		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	4		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.4	ug/L	97	4		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.7	ug/L	99	4		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.9	ug/L	100	5		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.7	ug/L	99	5		70 (83)	130 (109)	20 (20)
	Styrene	20	20.1	ug/L	101	4		70 (80)	130 (111)	20 (17)
	Bromoform	20	19.3	ug/L	97	5		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97	6		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.4	ug/L	97	5		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	4		70 (82)	130 (107)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2455**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0703WBSD01	1,2-Dichlorobenzene	20	19.5	ug/L	98	5		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	18.9	ug/L	95	8		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	3		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98	9		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0703WBL01

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q2455

Lab File ID: VX046871.D | Lab Sample ID: VX0703WBL01

Date Analyzed: 07/03/2025 | Time Analyzed: 09:09

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
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025
MW1	Q2455-01	VX046875.D	07/03/2025
MW10	Q2455-03	VX046876.D	07/03/2025
MW3	Q2455-02	VX046877.D	07/03/2025
FIELD-BLANK	Q2455-04	VX046878.D	07/03/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q2455

Lab File ID: VX046859.D | BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X | BFB Injection Time: 11:12

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	18.2
75	30.0 - 60.0% of mass 95	50.1
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	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 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	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q2455
Lab File ID: VX046868.D
BFB Injection Date: 07/03/2025
Instrument ID: MSVOA_X
BFB Injection Time: 07:52
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	75.5 (99.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 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	VX046869.D	07/03/2025	08:19
VX0703WBL01	VX0703WBL01	VX046871.D	07/03/2025	09:09
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025	09:56
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025	10:23
MW1	Q2455-01	VX046875.D	07/03/2025	10:44
MW10	Q2455-03	VX046876.D	07/03/2025	11:04
MW3	Q2455-02	VX046877.D	07/03/2025	11:25
FIELD-BLANK	Q2455-04	VX046878.D	07/03/2025	11:46

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q2455

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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	416385	5.56	663948	6.76	582621	10.05
UPPER LIMIT	832770	6.056	1327900	7.263	1165240	10.549
LOWER LIMIT	208193	5.056	331974	6.263	291311	9.549
EPA SAMPLE NO.						
MW1	370531	5.56	627398	6.77	574040	10.06
MW3	569856	5.56	963880	6.77	868363	10.06
MW10	526667	5.56	896282	6.77	818636	10.05
FIELD-BLANK	419216	5.56	727439	6.77	669234	10.06
VX0703WBL01	435949	5.56	752530	6.76	691838	10.05
VX0703WBS01	380935	5.56	631809	6.77	572542	10.06
VX0703WBSD01	339915	5.56	568093	6.76	517645	10.05

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.: Q2455

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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

	IS4 AREA #	RT #				
12 HOUR STD	287854	12.018				
UPPER LIMIT	575708	12.518				
LOWER LIMIT	143927	11.518				
EPA SAMPLE NO.						
MW1	275510	12.02				
MW3	447320	12.02				
MW10	401752	12.02				
FIELD-BLANK	336823	12.02				
VX0703WBL01	351915	12.02				
VX0703WBS01	293826	12.02				
VX0703WBSD01	269874	12.02				

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:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	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
VX046871.D	1	07/03/25 09:09	VX070325

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:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	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
VX046871.D	1	07/03/25 09:09	VX070325

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	50.3		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	436000	5.556			
540-36-3	1,4-Difluorobenzene	753000	6.763			
3114-55-4	Chlorobenzene-d5	692000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	352000	12.018			

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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:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	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
VX046871.D	1	07/03/25 09:09	VX070325

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:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	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
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.2		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	18.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	88.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	86.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	93.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.2		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:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	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
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	18.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		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	18.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	5.562			
540-36-3	1,4-Difluorobenzene	632000	6.769			
3114-55-4	Chlorobenzene-d5	573000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	294000	12.018			

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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:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	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
VX046873.D	1	07/03/25 09:56	VX070325

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:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	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
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		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	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.1		1.50	5.00	ug/L
78-93-3	2-Butanone	98.7		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	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		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:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	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
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	340000	5.556			
540-36-3	1,4-Difluorobenzene	568000	6.763			
3114-55-4	Chlorobenzene-d5	518000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

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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:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	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
VX046874.D	1	07/03/25 10:23	VX070325

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,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q2455

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
Tert butyl alcohol		0.044	0.042	0.042	0.043	0.045	0.043	3.5
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q2455

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	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.

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.: Q2455

Instrument ID: MSVOA_X | Calibration Date/Time: 07/03/2025 08:19

Lab File ID: VX046869.D | Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.537		12.34	20
Chloromethane	0.522	0.558	0.1	6.9	20
Vinyl Chloride	0.569	0.604		6.15	20
Bromomethane	0.366	0.389		6.28	20
Chloroethane	0.376	0.375		-0.27	20
Trichlorofluoromethane	0.880	0.928		5.45	20
1,1,2-Trichlorotrifluoroethane	0.561	0.587		4.64	20
Tert butyl alcohol	0.043	0.039		-9.3	20
1,1-Dichloroethene	0.542	0.555		2.4	20
Acetone	0.205	0.211		2.93	20
Carbon Disulfide	1.422	1.427		0.35	20
Methyl tert-butyl Ether	1.531	1.544		0.85	20
Methyl Acetate	0.541	0.539		-0.37	20
Methylene Chloride	0.607	0.613		0.99	20
trans-1,2-Dichloroethene	0.555	0.565		1.8	20
1,1-Dichloroethane	1.064	1.066	0.1	0.19	20
Cyclohexane	0.944	0.920		-2.54	20
2-Butanone	0.274	0.255		-6.93	20
Carbon Tetrachloride	0.484	0.485		0.21	20
cis-1,2-Dichloroethene	0.677	0.672		-0.74	20
Bromochloromethane	0.525	0.520		-0.95	20
Chloroform	1.087	1.054		-3.04	20
1,1,1-Trichloroethane	0.908	0.890		-1.98	20
Methylcyclohexane	0.573	0.568		-0.87	20
Benzene	1.385	1.373		-0.87	20
1,2-Dichloroethane	0.470	0.464		-1.28	20
Trichloroethene	0.361	0.350		-3.05	20
1,2-Dichloropropane	0.350	0.343		-2	20
Bromodichloromethane	0.518	0.510		-1.54	20
4-Methyl-2-Pentanone	0.353	0.332		-5.95	20
Toluene	0.858	0.841		-1.98	20
t-1,3-Dichloropropene	0.462	0.460		-0.43	20
cis-1,3-Dichloropropene	0.527	0.530		0.57	20
1,1,2-Trichloroethane	0.320	0.308		-3.75	20
2-Hexanone	0.234	0.224		-4.27	20
Dibromochloromethane	0.383	0.374		-2.35	20
1,2-Dibromoethane	0.321	0.309		-3.74	20
Tetrachloroethene	0.333	0.324		-2.7	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.: Q2455

Instrument ID: MSVOA_X | Calibration Date/Time: 07/03/2025 08:19

Lab File ID: VX046869.D | Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.081	1.046	0.3	-3.24	20
Ethyl Benzene	1.851	1.835		-0.86	20
m/p-Xylenes	0.698	0.690		-1.15	20
o-Xylene	0.674	0.666		-1.19	20
Styrene	1.153	1.148		-0.43	20
Bromoform	0.270	0.264	0.1	-2.22	20
Isopropylbenzene	3.515	3.558		1.22	20
1,1,2,2-Tetrachloroethane	0.966	0.901	0.3	-6.73	20
1,3-Dichlorobenzene	1.637	1.599		-2.32	20
1,4-Dichlorobenzene	1.704	1.592		-6.57	20
1,2-Dichlorobenzene	1.587	1.508		-4.98	20
1,2-Dibromo-3-Chloropropane	0.169	0.156		-7.69	20
1,2,4-Trichlorobenzene	1.078	1.054		-2.23	20
1,2,3-Trichlorobenzene	1.019	0.991		-2.75	20
1,2-Dichloroethane-d4	0.661	0.644		-2.57	20
Dibromofluoromethane	0.339	0.351		3.54	20
Toluene-d8	1.197	1.191		-0.5	20
4-Bromofluorobenzene	0.455	0.447		-1.76	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_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 04 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	370531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	627398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236402	48.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.580%			
35) Dibromofluoromethane	5.397	113	202646	47.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.160%			
50) Toluene-d8	8.647	98	752026	50.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	281328	49.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						Qvalue
31) Cyclohexane	5.495	56	24008	3.431	ug/l	89
39) Methylcyclohexane	7.391	83	21855	3.041	ug/l	94
40) Benzene	6.056	78	11069	0.637	ug/l #	90
52) Toluene	8.720	92	99691	9.257	ug/l	98
67) Ethyl Benzene	10.195	91	444706	20.923	ug/l	99
68) m/p-Xylenes	10.299	106	930966	116.241	ug/l	100
69) o-Xylene	10.640	106	293176	37.896	ug/l	99
73) Isopropylbenzene	10.963	105	148631	7.674	ug/l	98
78) n-propylbenzene	11.305	91	207939	8.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435995	27.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1378607	86.670	ug/l	98
85) sec-Butylbenzene	11.890	105	16861m	0.823	ug/l	
94) Hexachlorobutadiene	13.719	225	2479	1.107	ug/l	96
95) Naphthalene	13.774	128	157848	10.085	ug/l	99

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

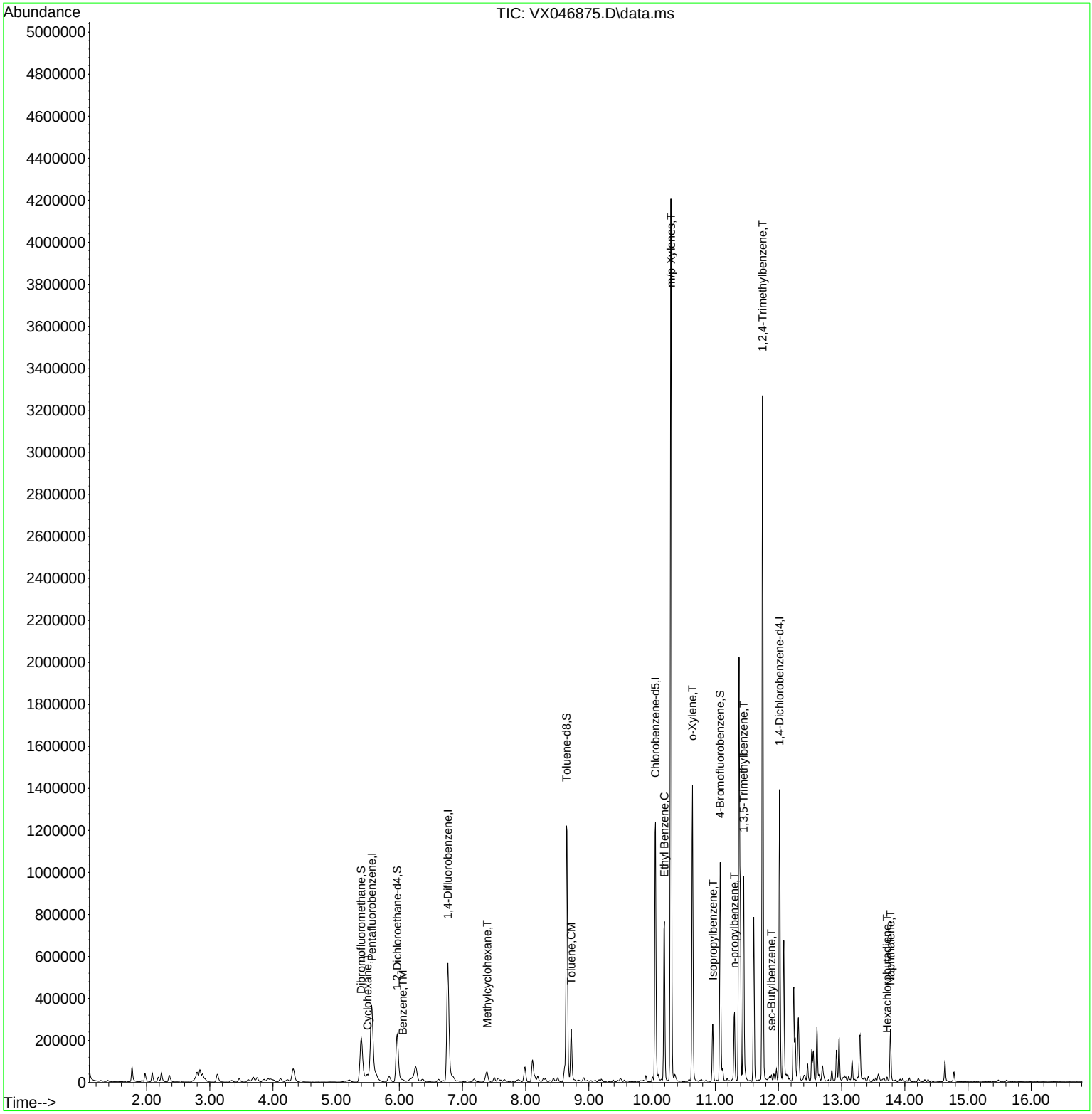
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

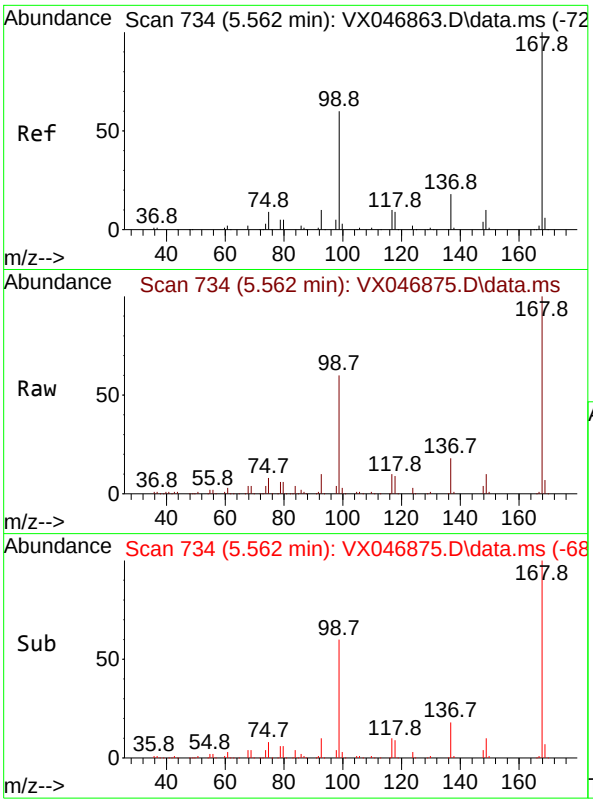
Quant Time: Jul 04 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations APPROVED

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

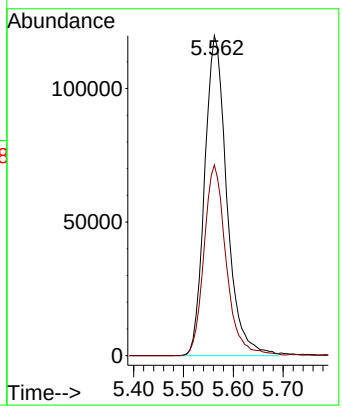




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:168 Resp: 37053

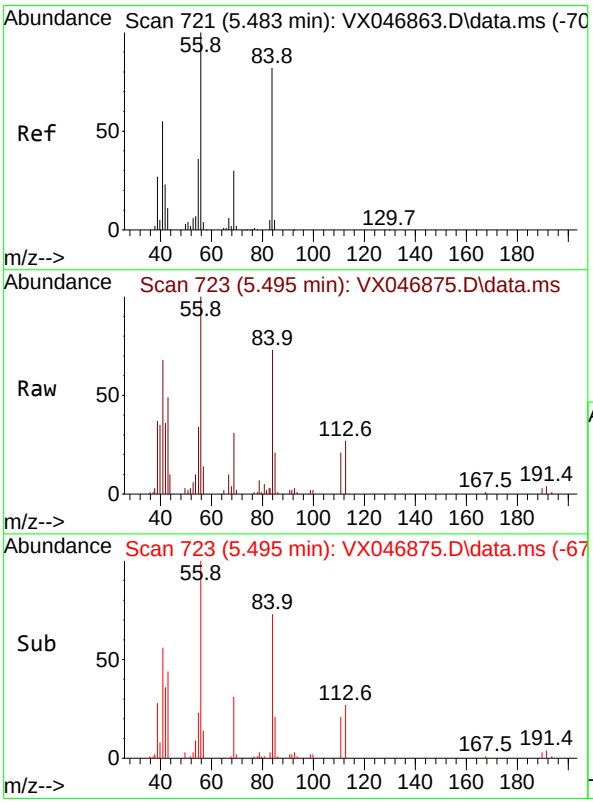
Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

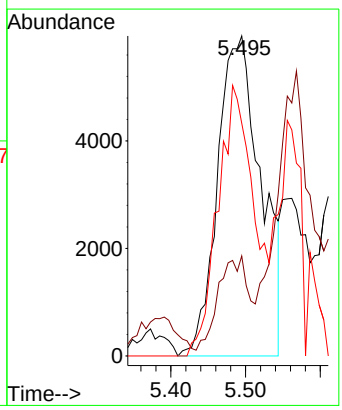
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

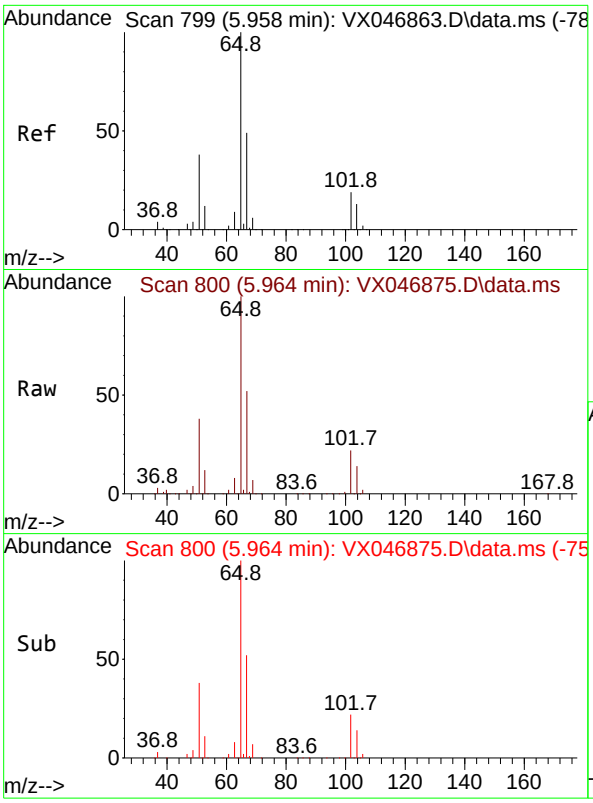


#31
Cyclohexane
Concen: 3.431 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 56 Resp: 24008

Ion	Ratio	Lower	Upper
56	100		
69	24.7	24.0	36.0
84	72.7	66.5	99.7





#33
1,2-Dichloroethane-d4
Concen: 48.294 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

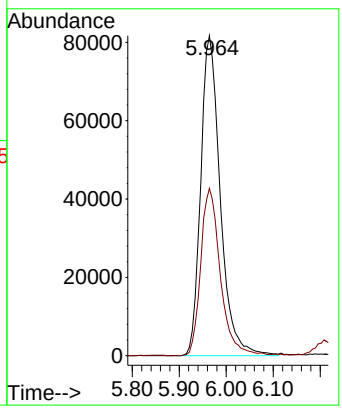
Tgt Ion: 65 Resp: 23640

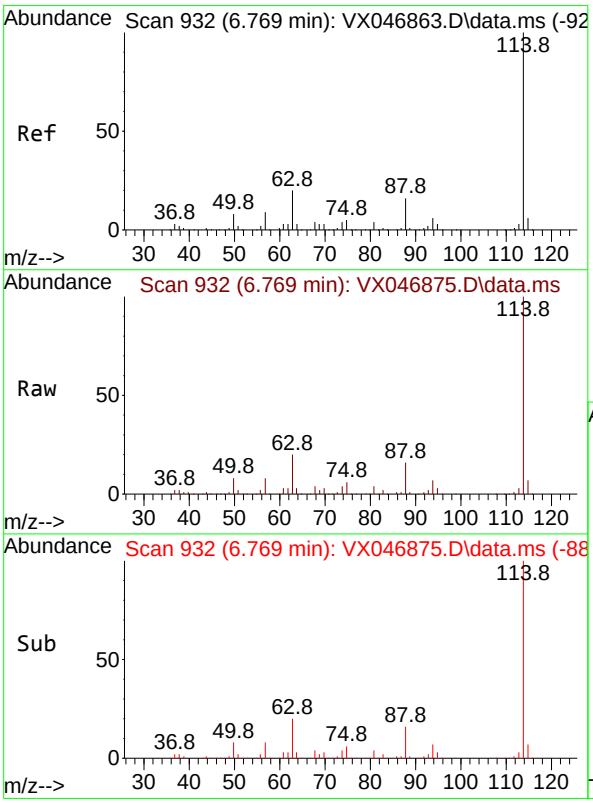
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

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

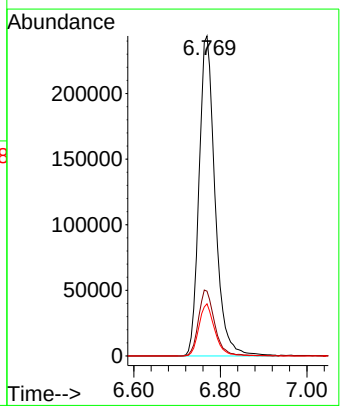


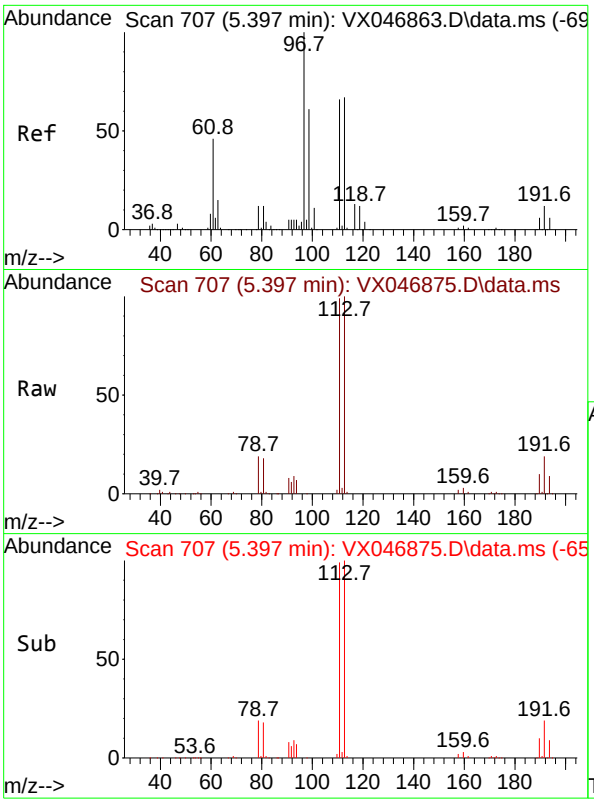


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:114 Resp: 627398

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	40.4
88	16.3	0.0	31.0

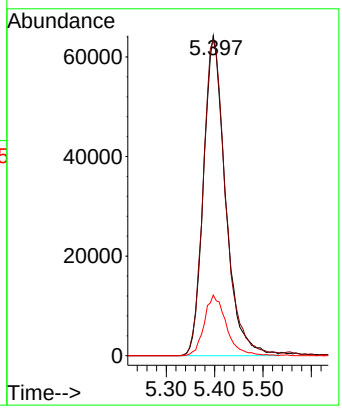




#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:113 Resp: 20264

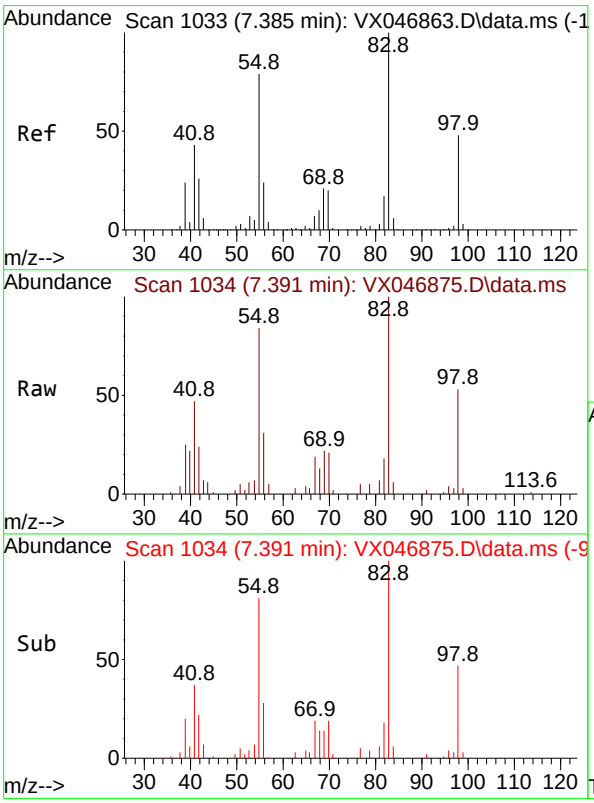
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	19.0	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

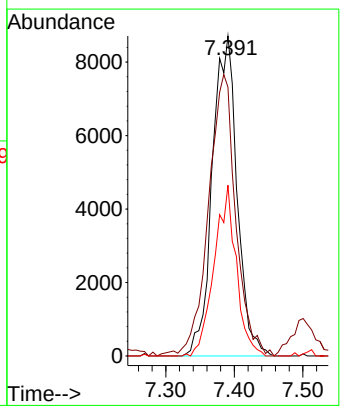
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

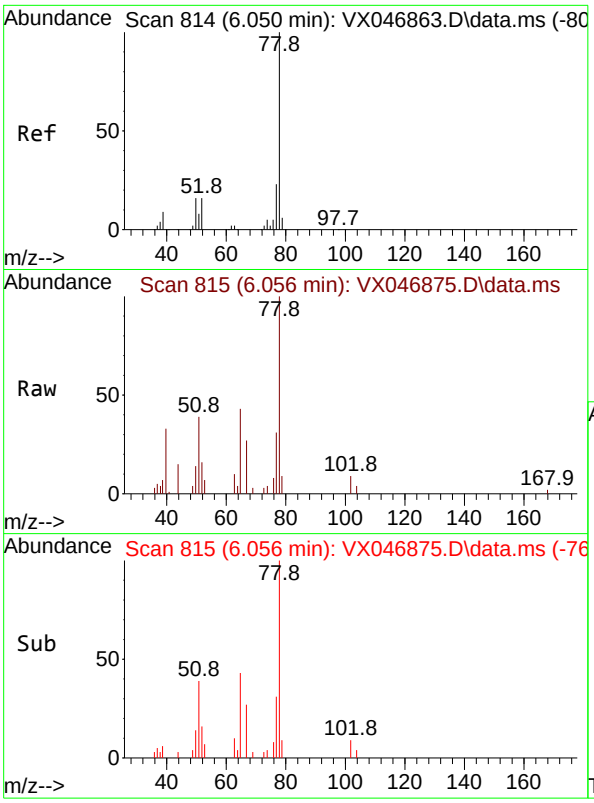


#39
Methylcyclohexane
Concen: 3.041 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 83 Resp: 21855

Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.0	94.4
98	53.4	38.5	57.7





#40
Benzene
Concen: 0.637 ug/l
RT: 6.056 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 78 Resp: 1106

Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.7	28.1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

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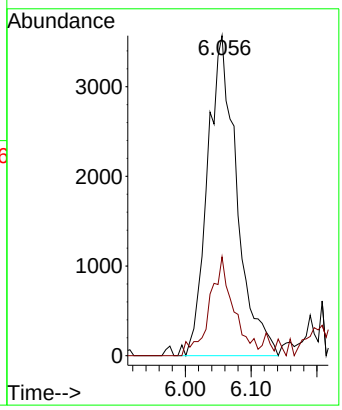
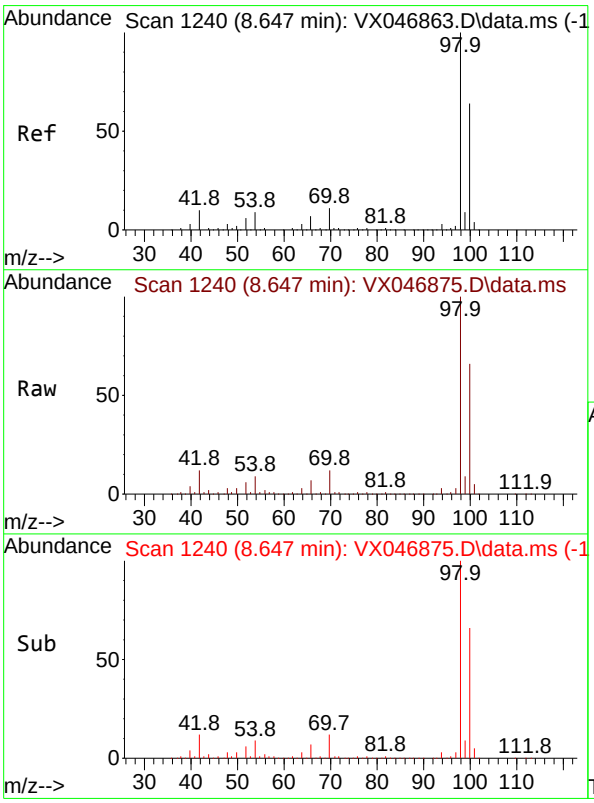
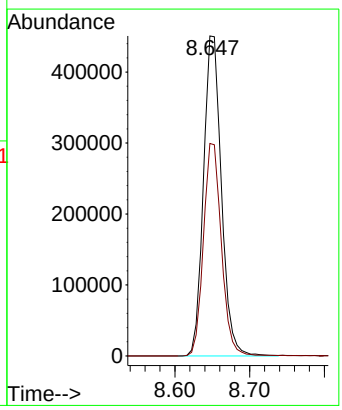


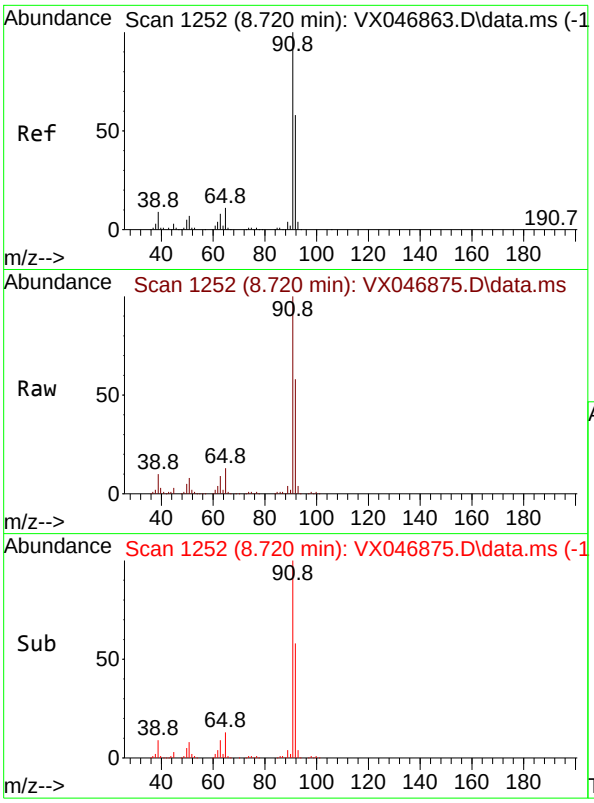


#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 98 Resp: 752026

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#52
Toluene
Concen: 9.257 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 92 Resp: 9969

Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.9	206.9

Instrument :
MSVOA_X
ClientSampleId :
MW1

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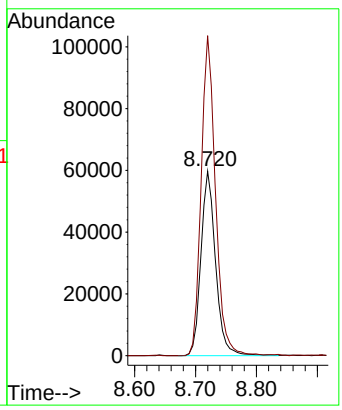
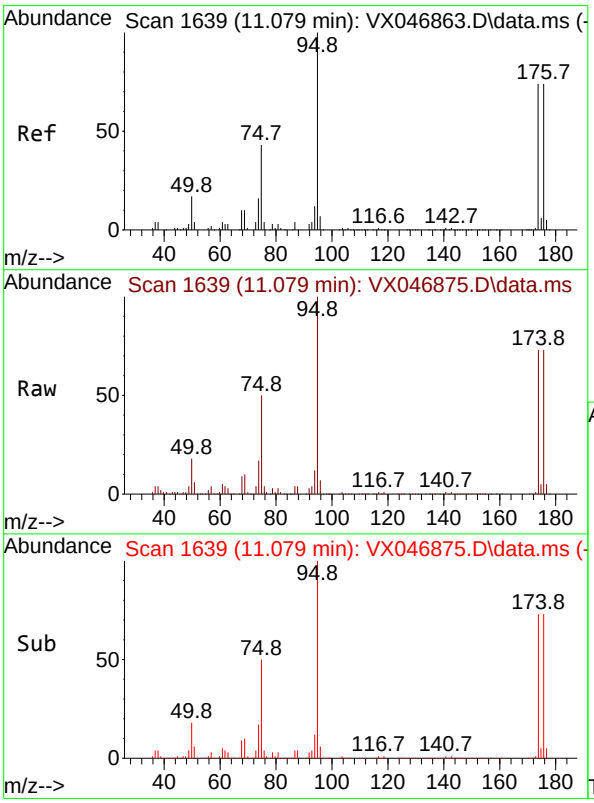
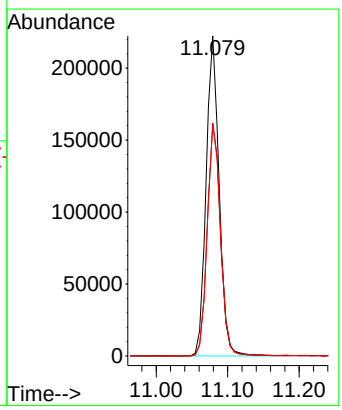


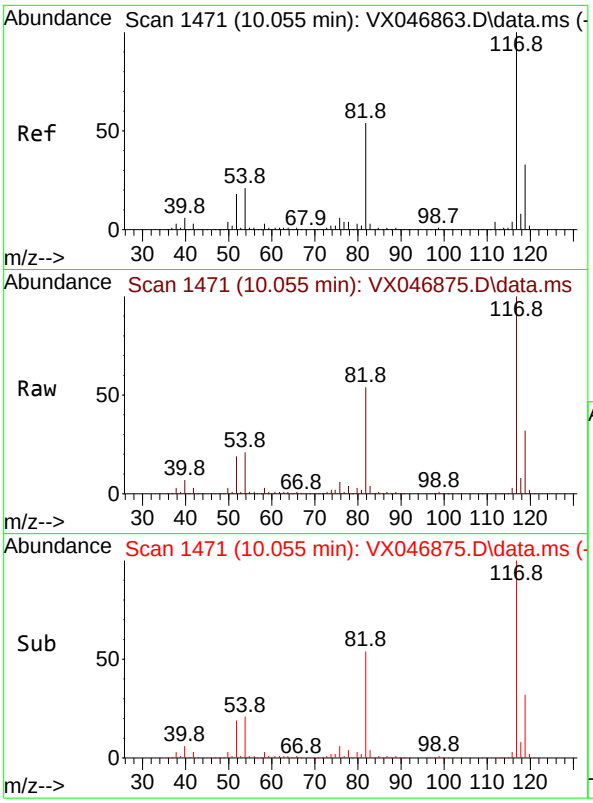


#62
4-Bromofluorobenzene
Concen: 49.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 95 Resp: 281328

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	152.0
176	73.4	0.0	145.2

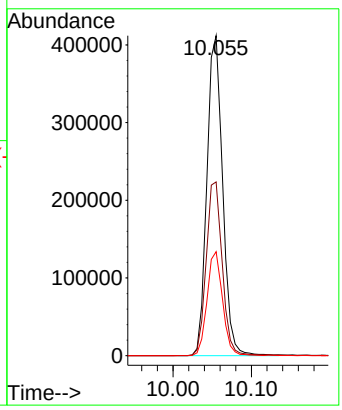




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:117 Resp: 57404

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	32.5	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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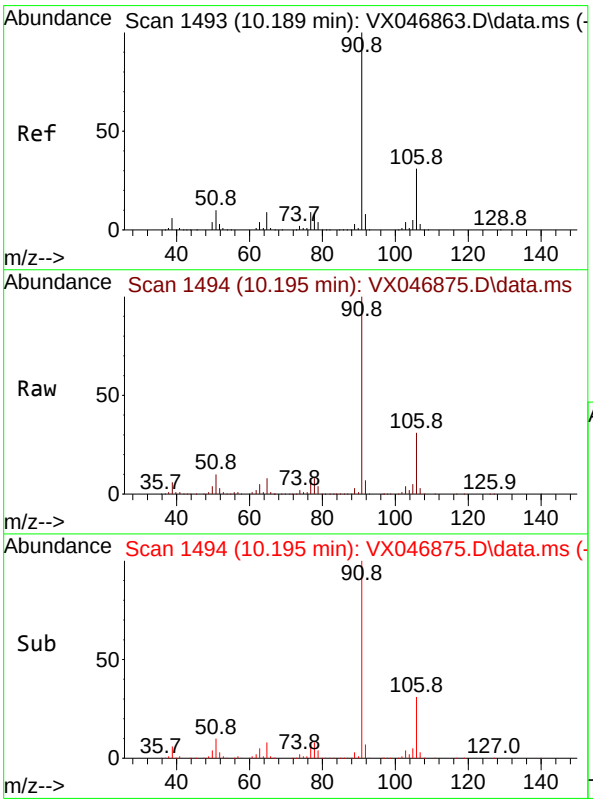
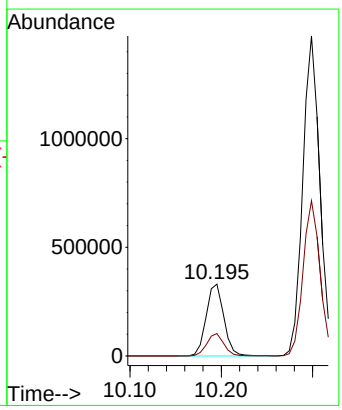
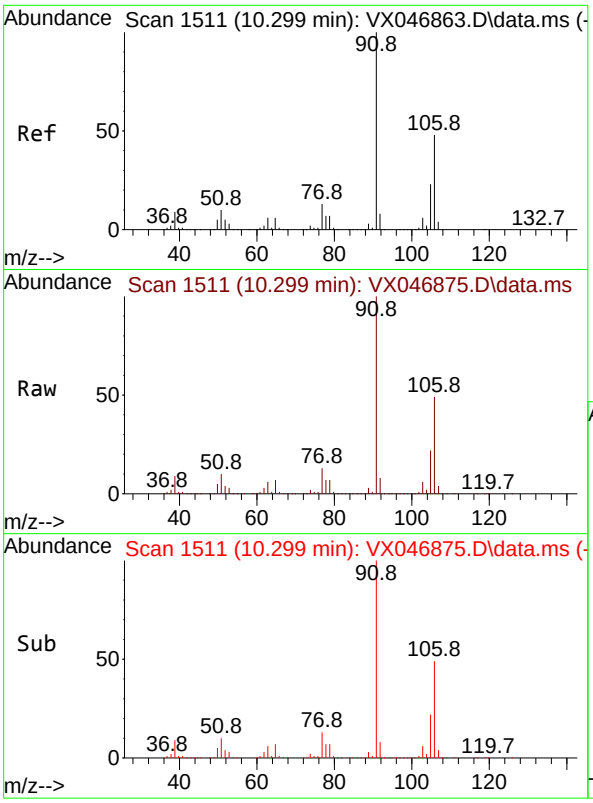


#67
Ethyl Benzene
Concen: 20.923 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 91 Resp: 444706

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.4	36.6





#68
m/p-Xylenes
Concen: 116.241 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:106 Resp: 93096

Ion	Ratio	Lower	Upper
106	100		
91	206.1	164.6	246.8

Instrument :
MSVOA_X
ClientSampleId :
MW1

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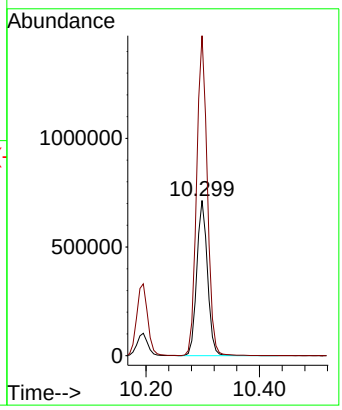
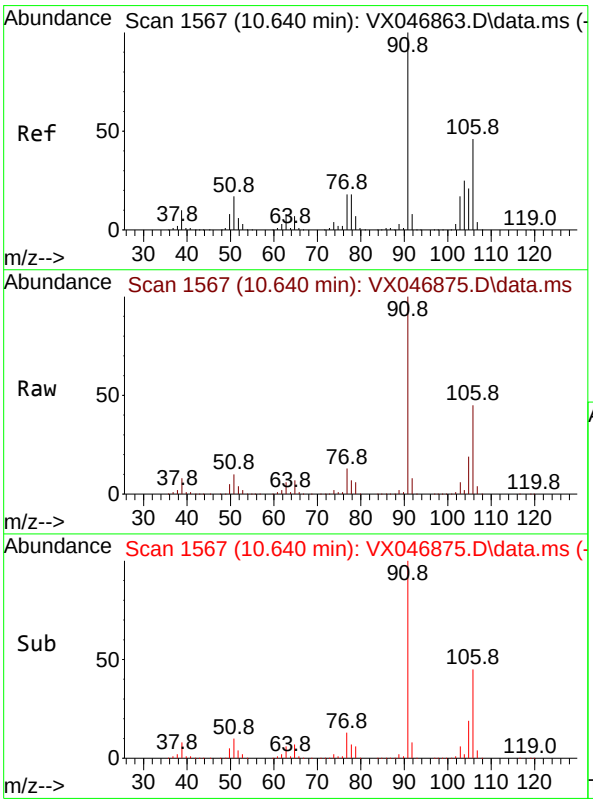
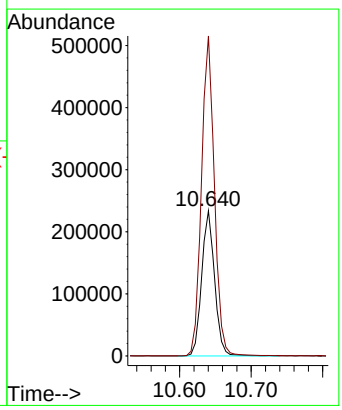


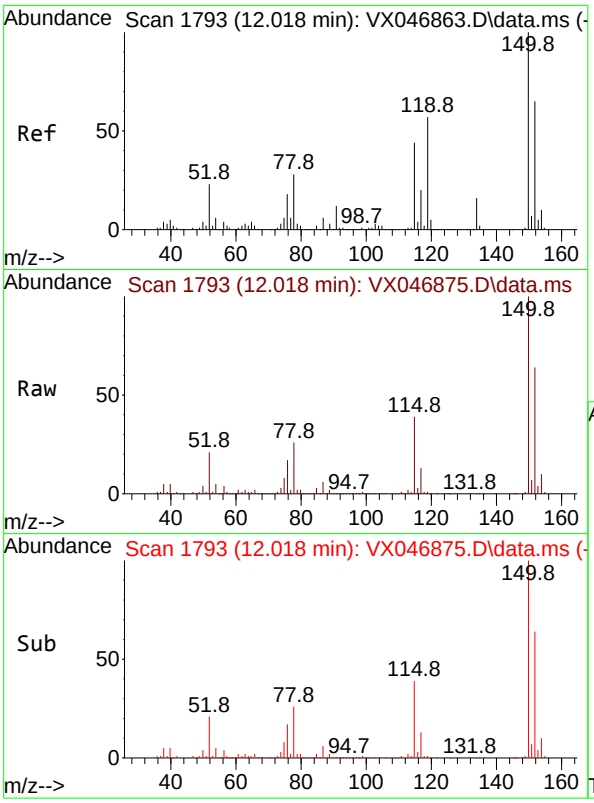


#69
o-Xylene
Concen: 37.896 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:106 Resp: 293176

Ion	Ratio	Lower	Upper
106	100		
91	220.3	109.5	328.5

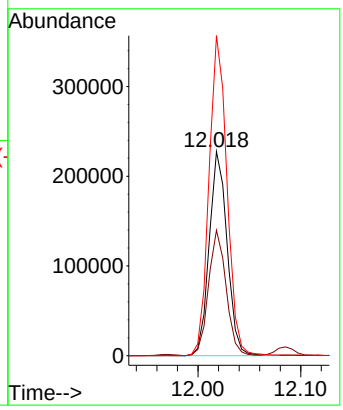




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:152 Resp: 27551

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.4	127.1
150	157.2	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
MW1

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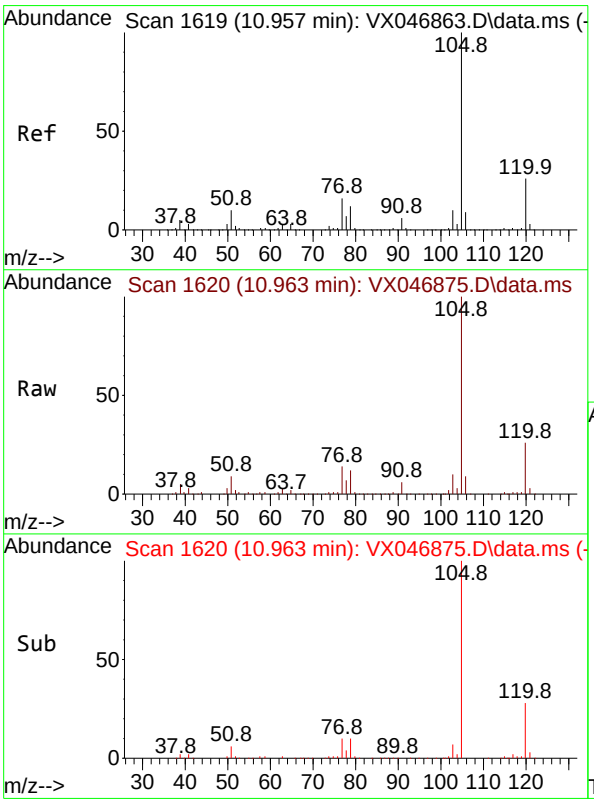
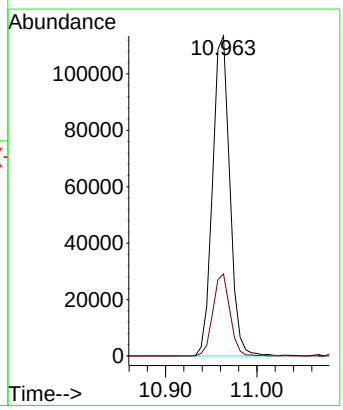
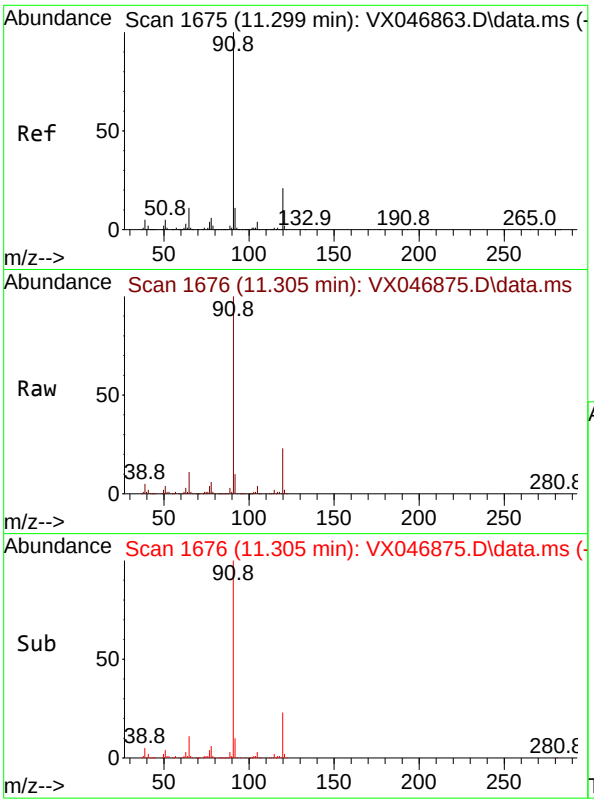


#73
Isopropylbenzene
Concen: 7.674 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 148631

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.5

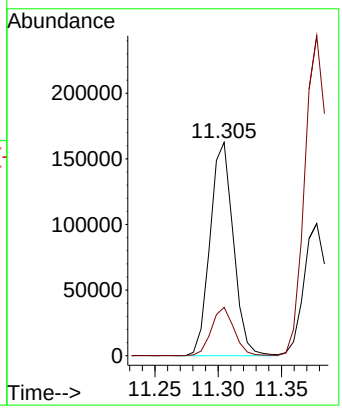




#78
n-propylbenzene
Concen: 8.904 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 91 Resp: 20793

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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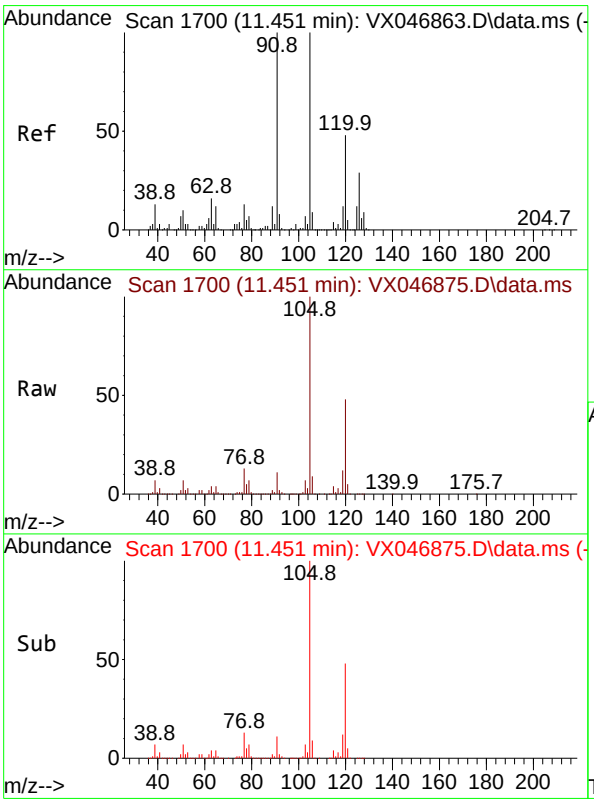
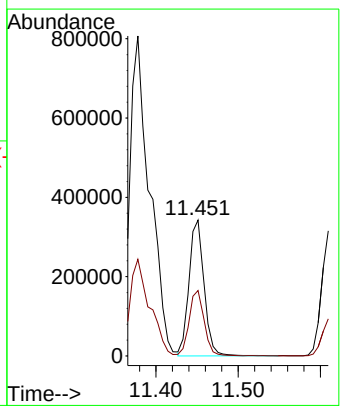
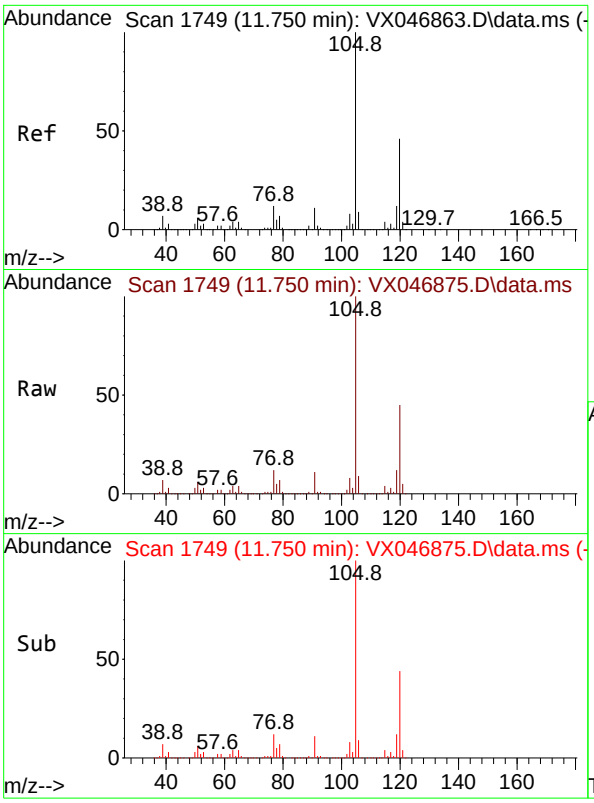


#80
1,3,5-Trimethylbenzene
Concen: 27.705 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 435995

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.1	72.4

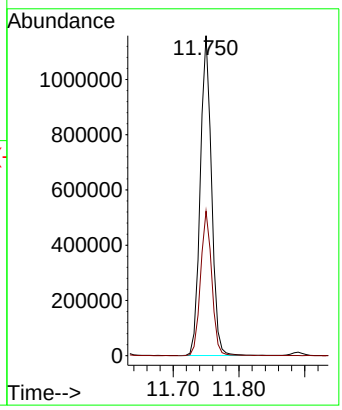




#84
1,2,4-Trimethylbenzene
Concen: 86.670 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 137860

Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
MW1

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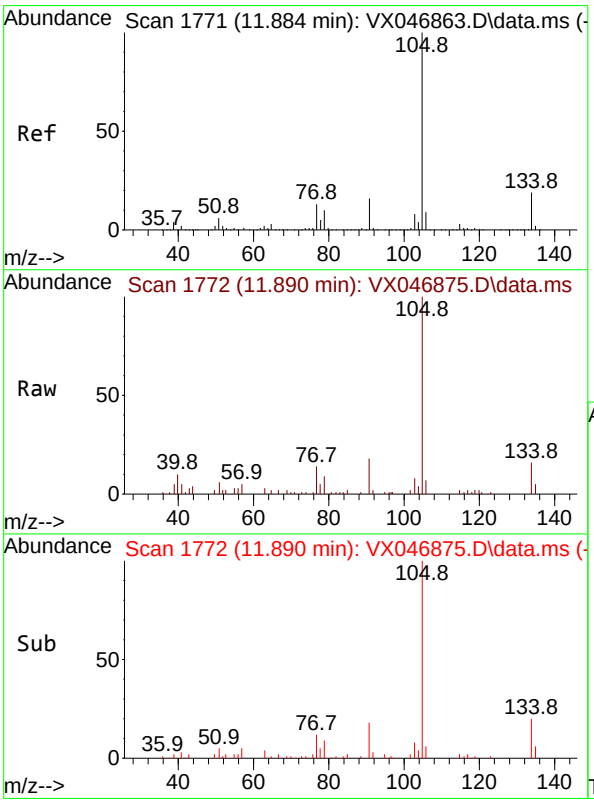
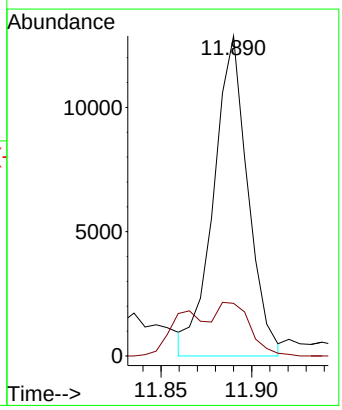
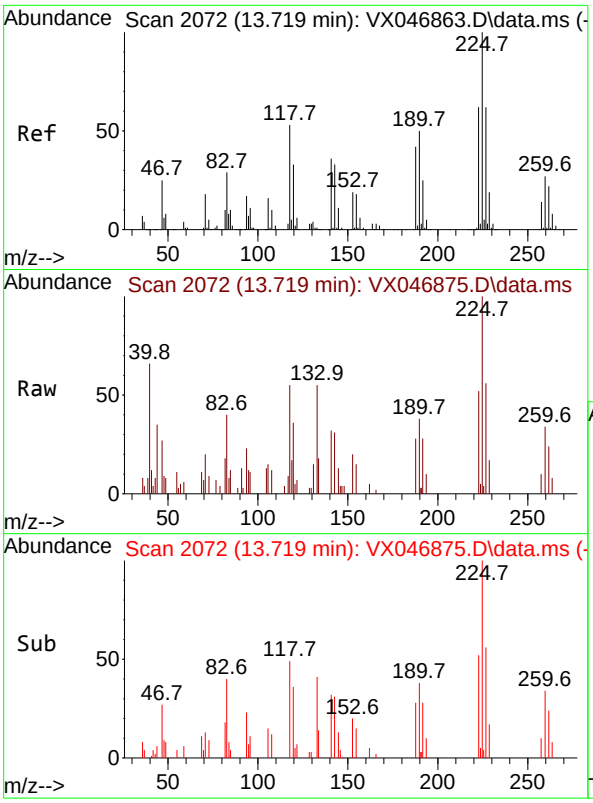


#85
sec-Butylbenzene
Concen: 0.823 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 16861

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

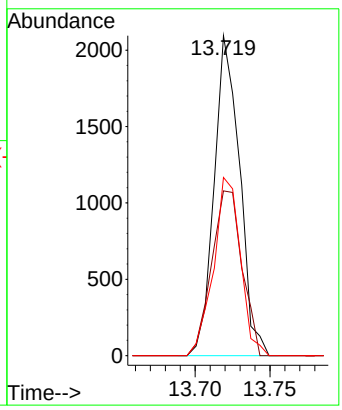




#94
Hexachlorobutadiene
Concen: 1.107 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:225 Resp: 247

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.6	94.7
227	58.8	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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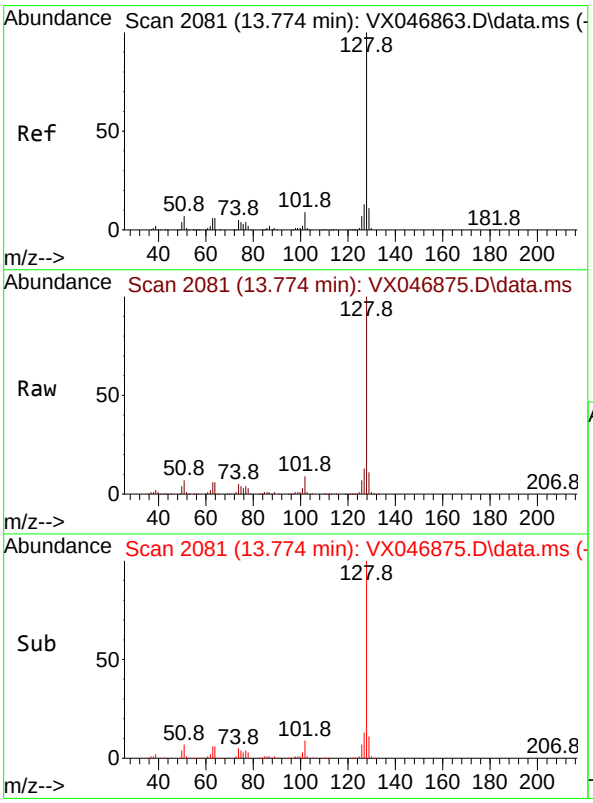
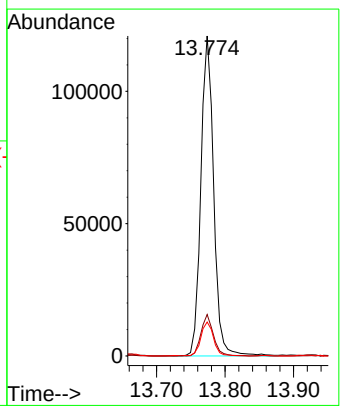


#95
Naphthalene
Concen: 10.085 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:128 Resp: 157848

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.5	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046877.D
Acq On : 03 Jul 2025 11:25
Operator : JC/MD
Sample : Q2455-02 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: Jul 04 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

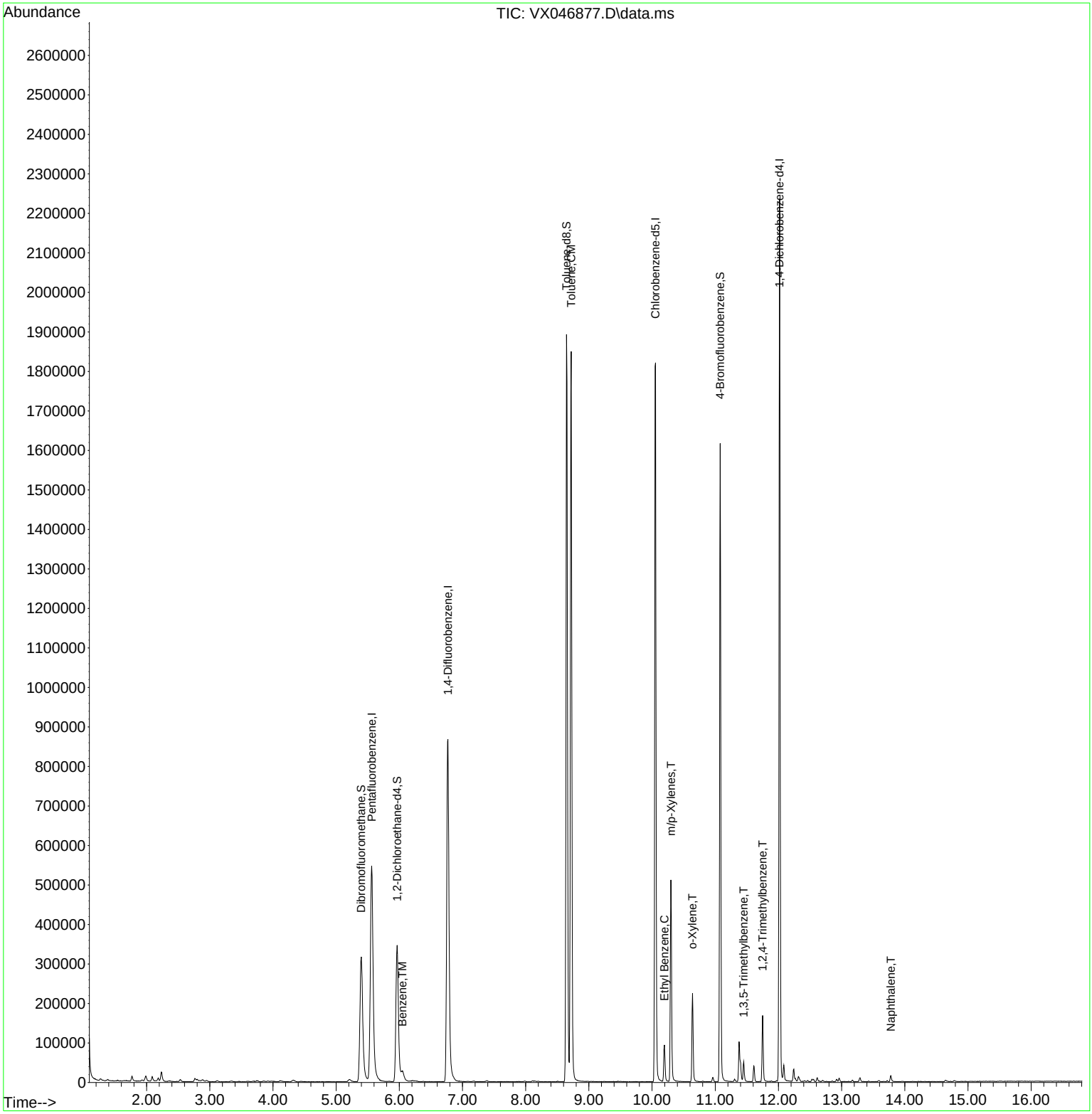
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	569856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	963880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	868363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	447320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358094	47.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.140%			
35) Dibromofluoromethane	5.397	113	304334	46.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.020%			
50) Toluene-d8	8.647	98	1139829	49.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.760%			
62) 4-Bromofluorobenzene	11.079	95	439767	50.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						Qvalue
40) Benzene	6.050	78	27880	1.044	ug/l	91
52) Toluene	8.720	92	725572	43.852	ug/l	98
67) Ethyl Benzene	10.195	91	57585	1.791	ug/l	97
68) m/p-Xylenes	10.299	106	120010	9.906	ug/l	99
69) o-Xylene	10.640	106	48832	4.173	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	24025	0.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	73871	2.860	ug/l	99
95) Naphthalene	13.780	128	12263	0.483	ug/l	98

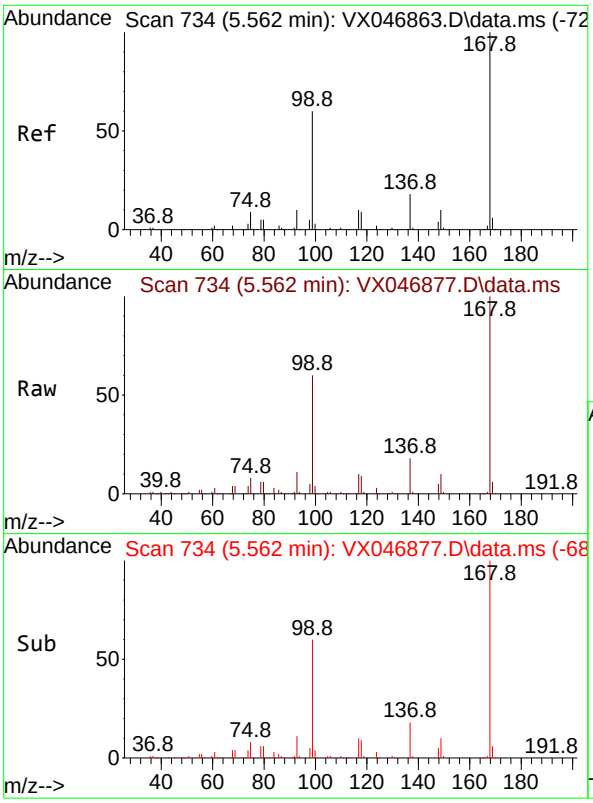
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046877.D
Acq On : 03 Jul 2025 11:25
Operator : JC/MD
Sample : Q2455-02 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: Jul 04 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



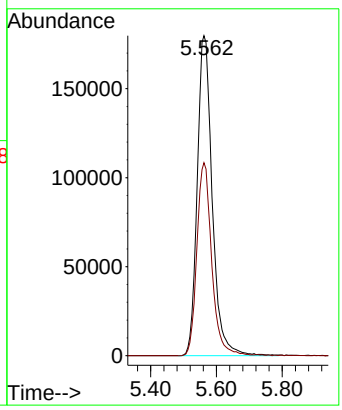


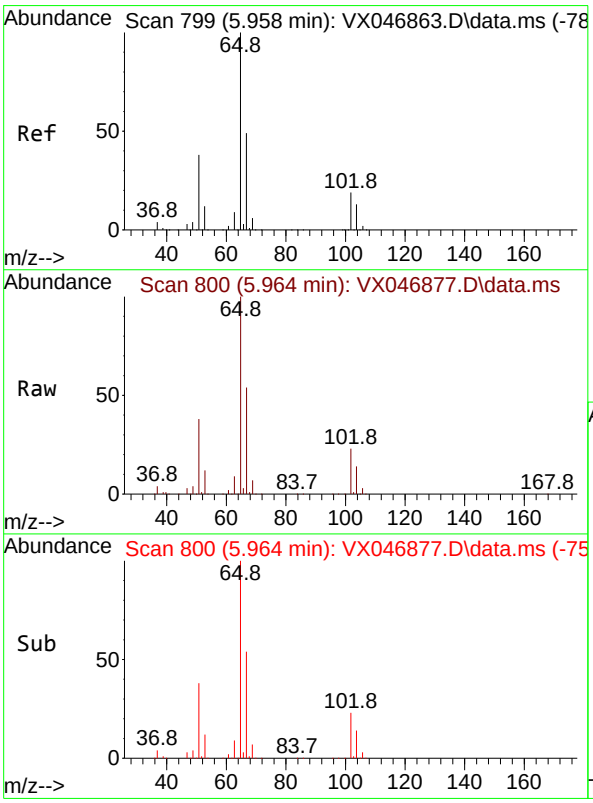
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:168 Resp: 569856

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.8	73.2

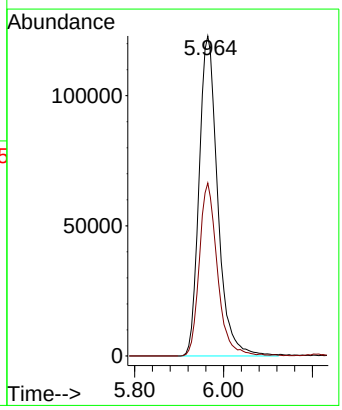


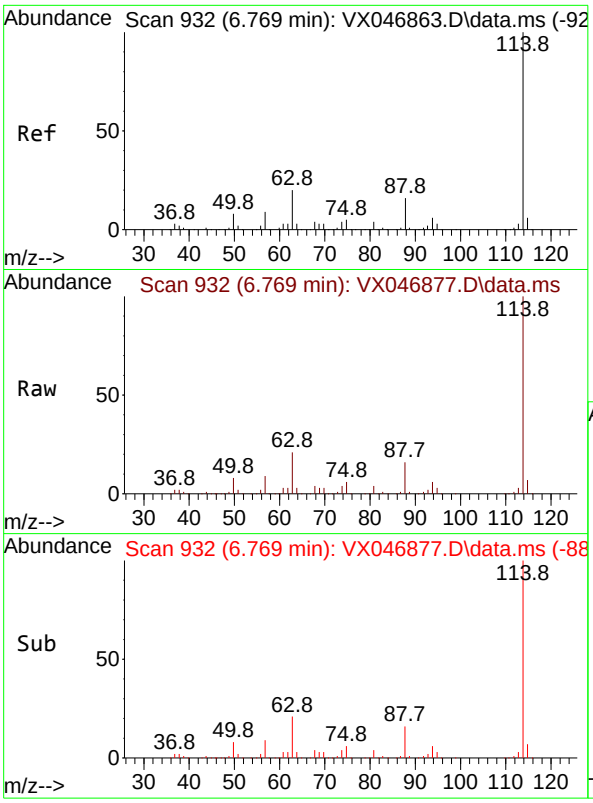


#33
1,2-Dichloroethane-d4
Concen: 47.566 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 65 Resp: 358094

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



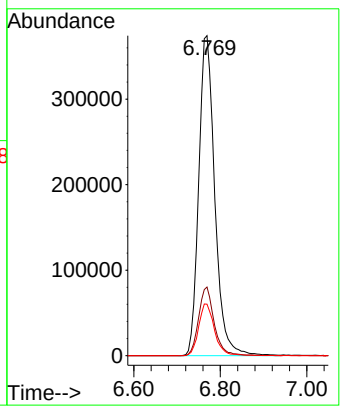


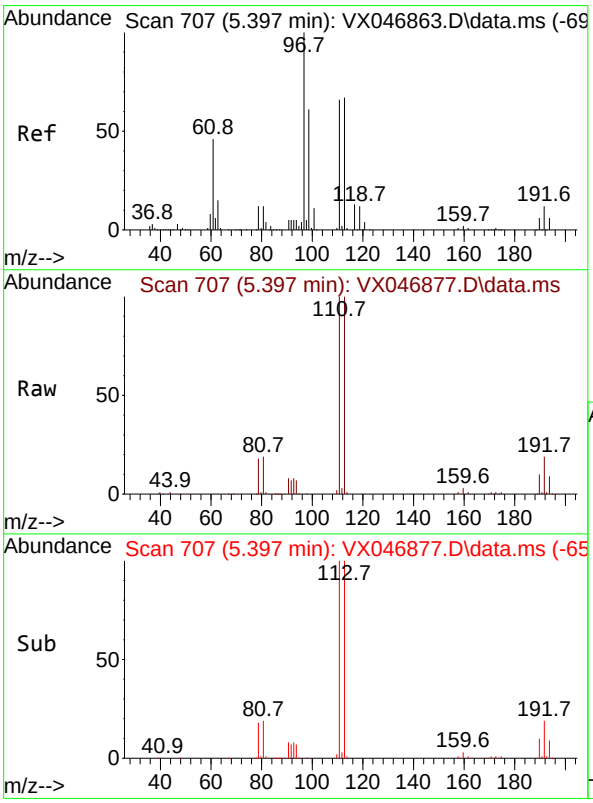
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:114 Resp: 963880

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	16.1	0.0	31.0

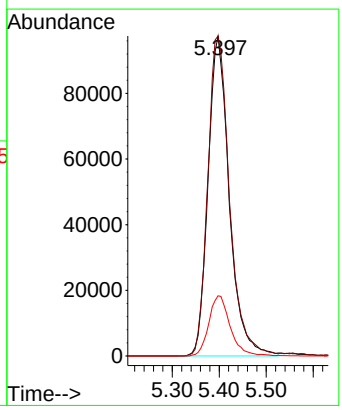


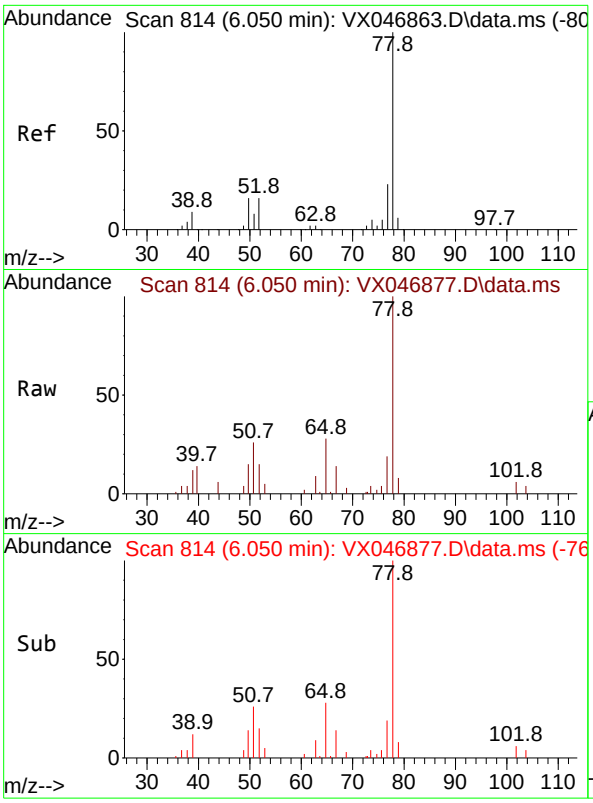


#35
Dibromofluoromethane
Concen: 46.514 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:113 Resp: 304334

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	19.0	15.3	22.9



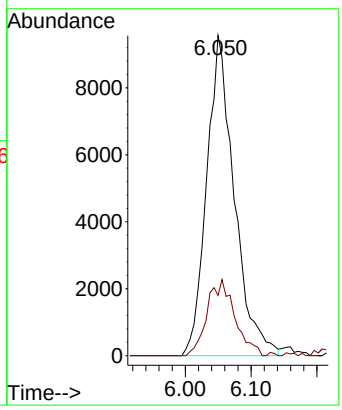


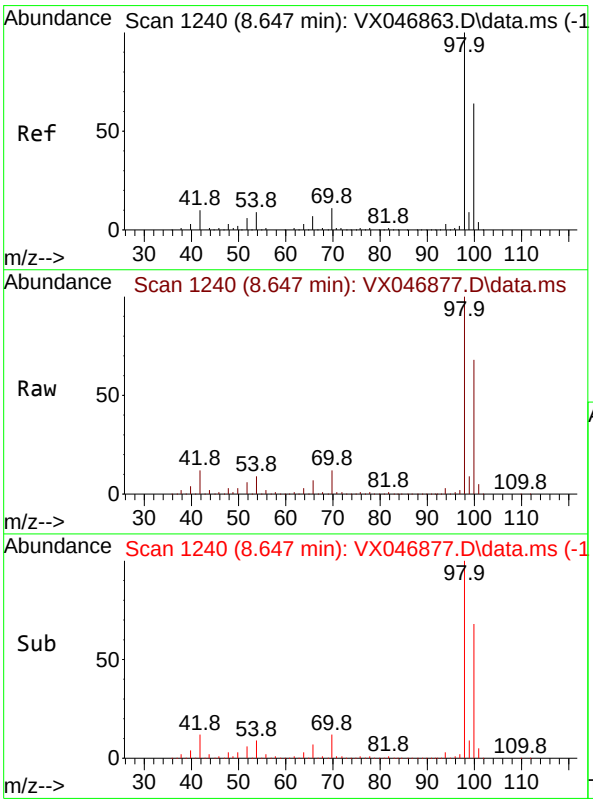
#40
Benzene
Concen: 1.044 ug/l
RT: 6.050 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 78 Resp: 27880

Ion	Ratio	Lower	Upper
78	100		
77	18.8	18.7	28.1

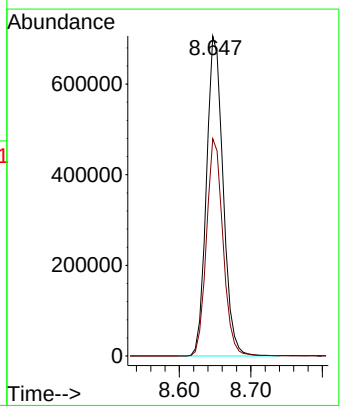


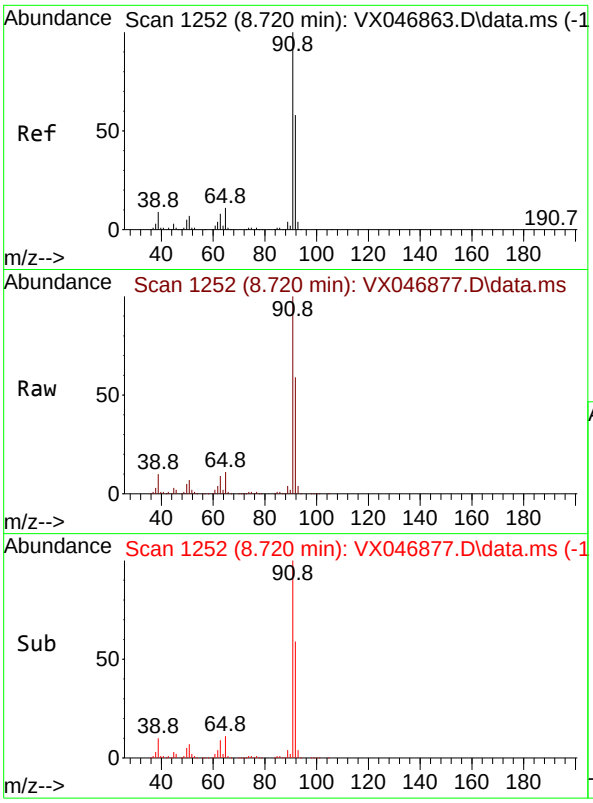


#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 98 Resp: 1139829

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.6



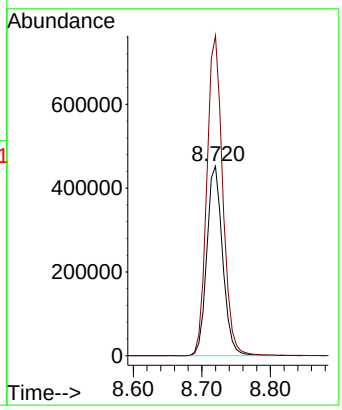


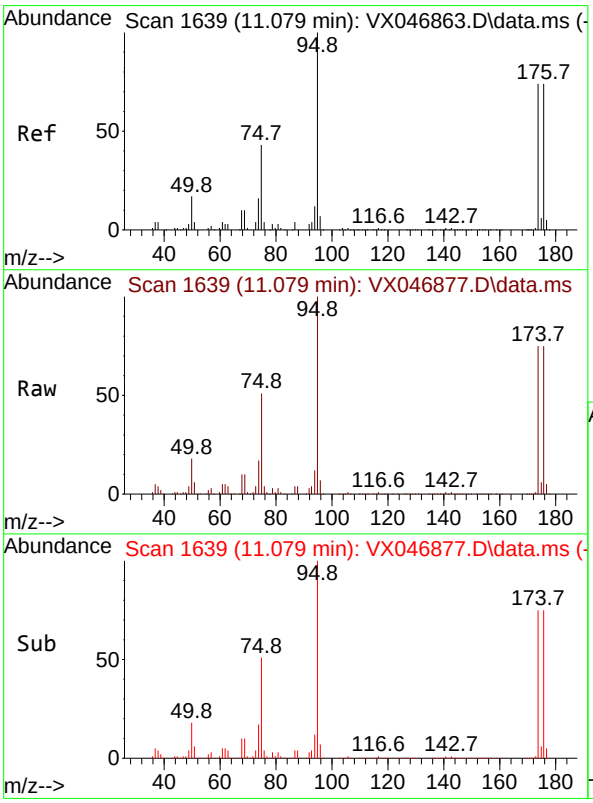
#52
Toluene
Concen: 43.852 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 92 Resp: 725572

Ion	Ratio	Lower	Upper
92	100		
91	169.6	137.9	206.9

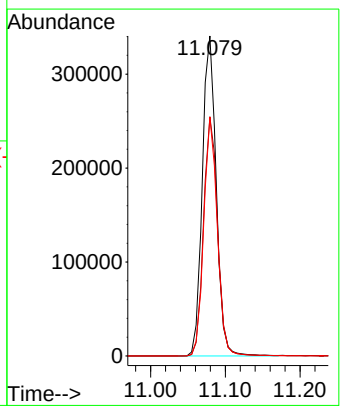


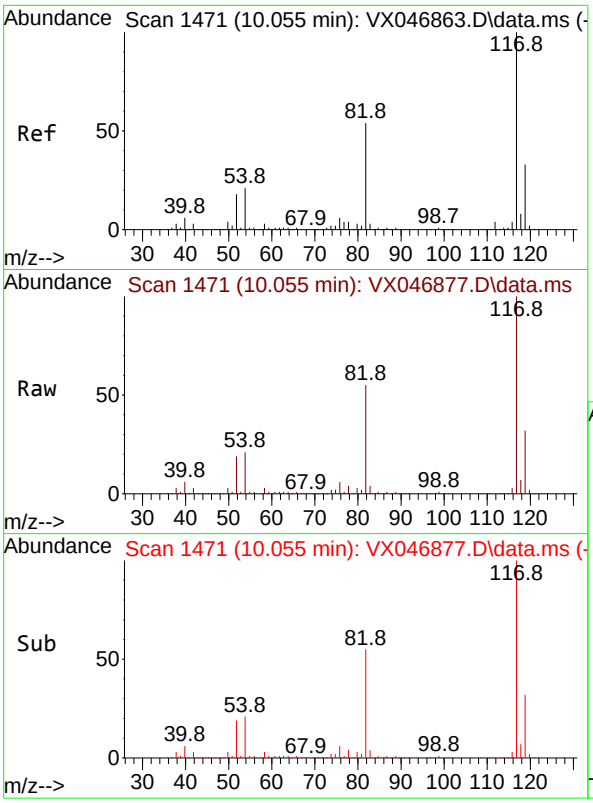


#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 95 Resp: 439767

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	152.0
176	72.9	0.0	145.2



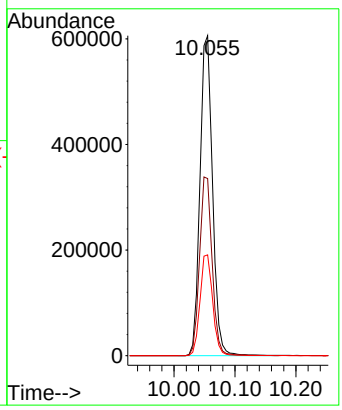


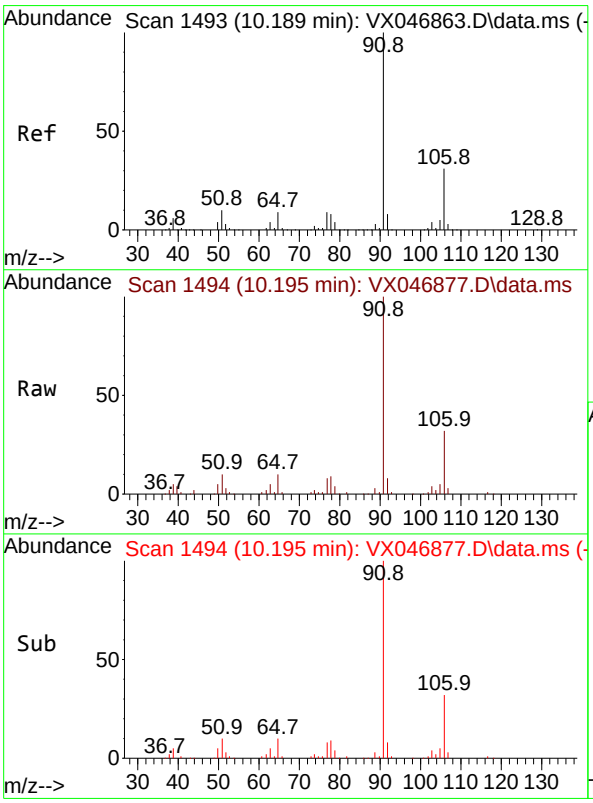
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:117 Resp: 868363

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.3	64.9
119	31.5	26.4	39.6

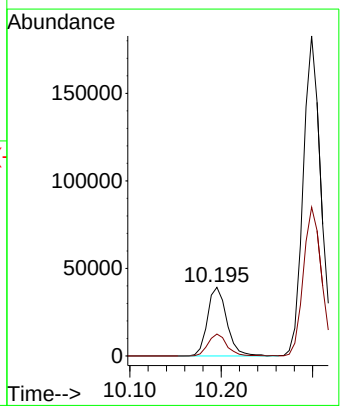


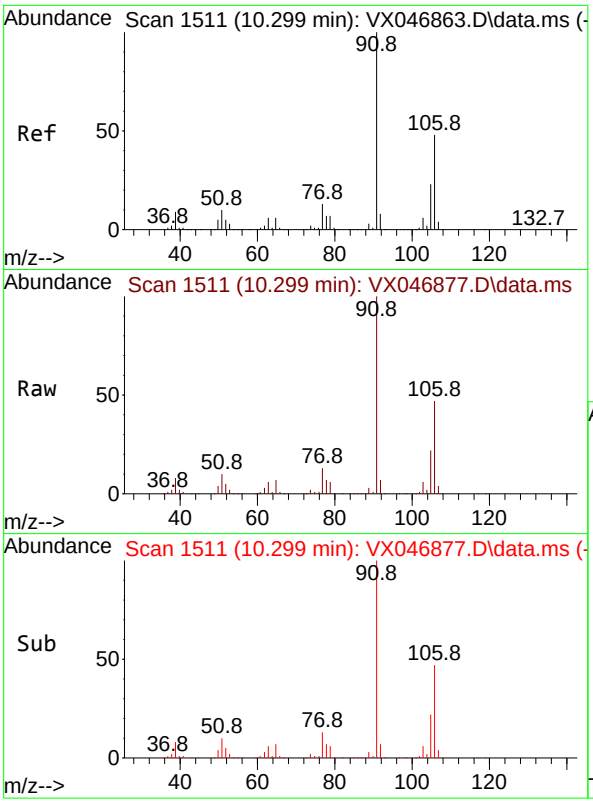


#67
Ethyl Benzene
Concen: 1.791 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 91 Resp: 57585

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.4	36.6



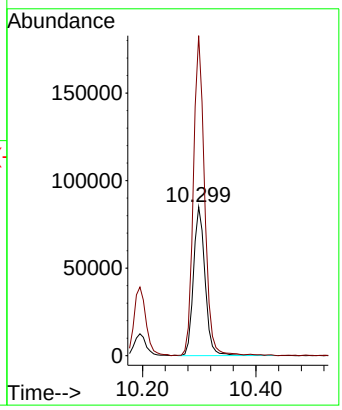


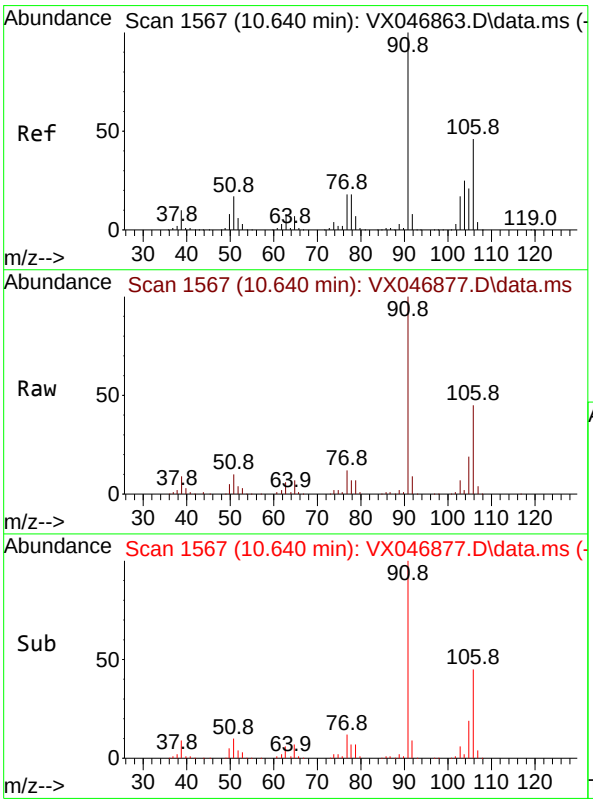
#68
m/p-Xylenes
Concen: 9.906 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:106 Resp: 120010

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.6	246.8

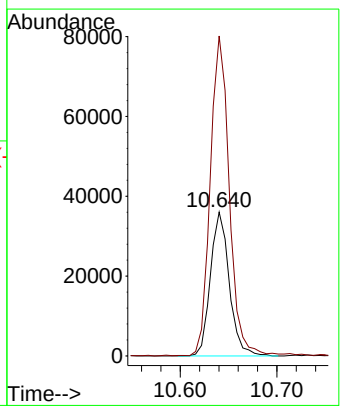


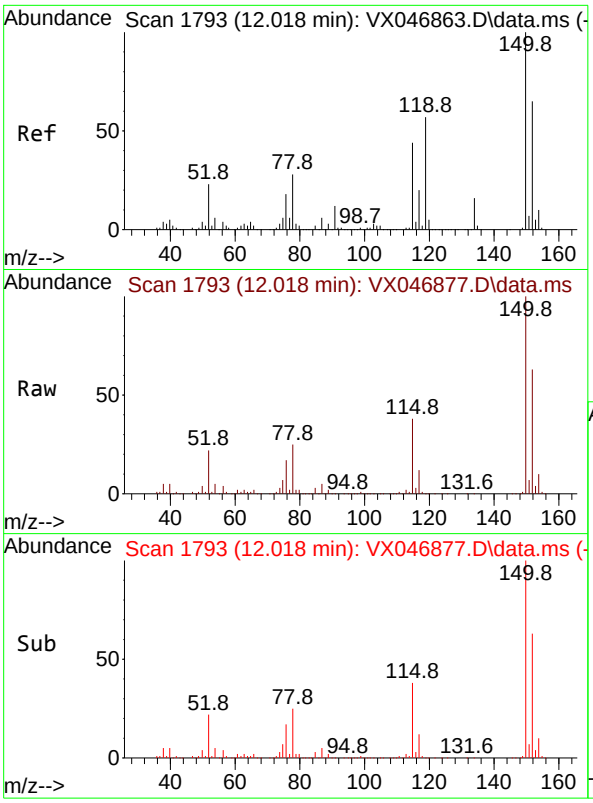


#69
o-Xylene
Concen: 4.173 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:106 Resp: 48832

Ion	Ratio	Lower	Upper
106	100		
91	224.1	109.5	328.5



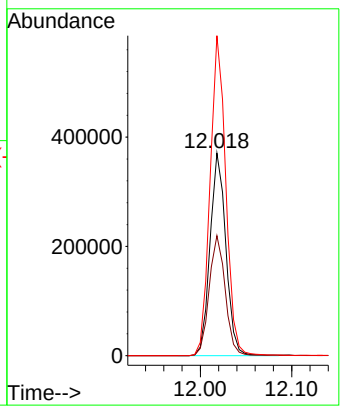


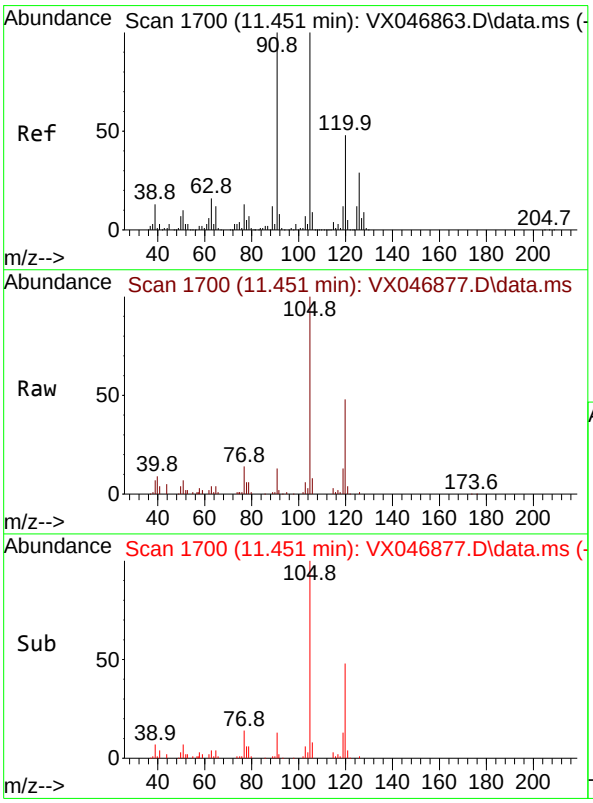
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:152 Resp: 447320

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.4	127.1
150	156.8	0.0	349.2

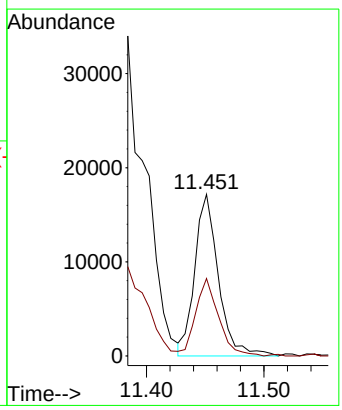


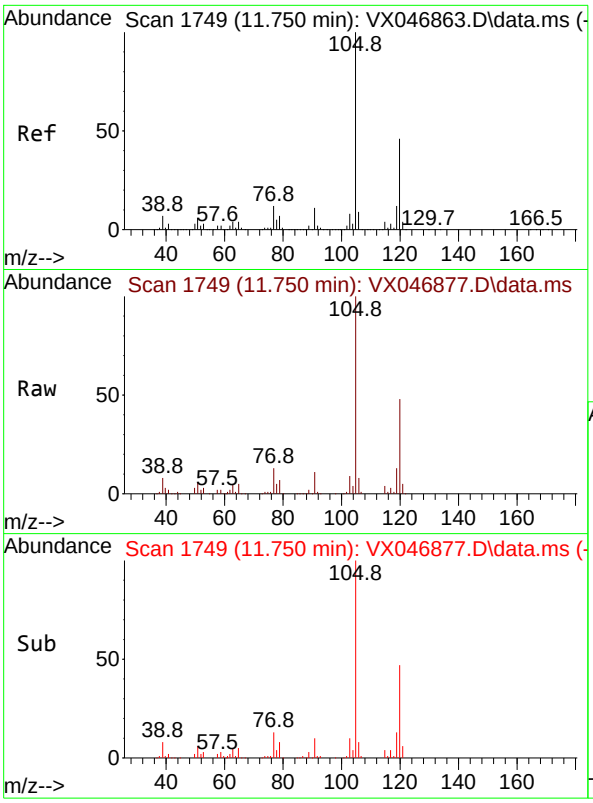


#80
1,3,5-Trimethylbenzene
Concen: 0.940 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:105 Resp: 24025

Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.1	72.4



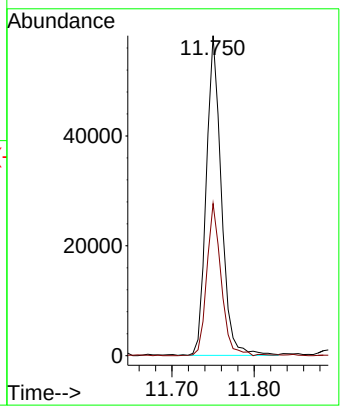


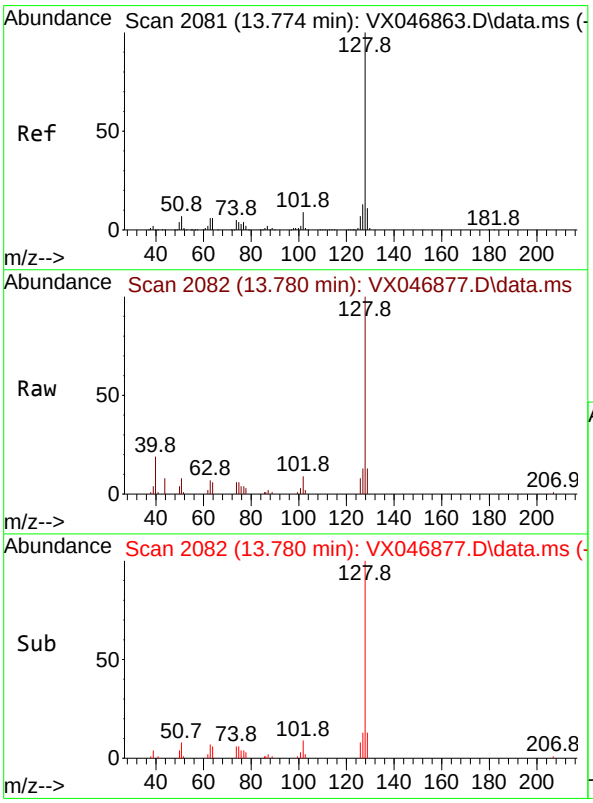
#84
1,2,4-Trimethylbenzene
Concen: 2.860 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:105 Resp: 73871

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.3	69.8

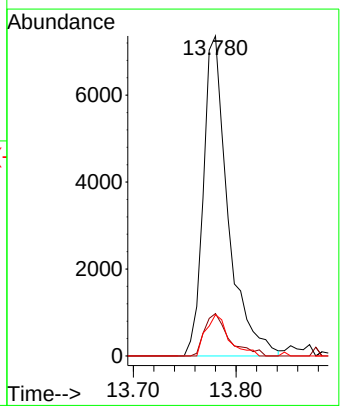




#95
Naphthalene
Concen: 0.483 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:128 Resp: 12263

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	12.0	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046876.D
Acq On : 03 Jul 2025 11:04
Operator : JC/MD
Sample : Q2455-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 04 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	526667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	896282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	818636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	401752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	330340	47.478	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.397	113	280803	46.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	8.647	98	1062167	49.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	411240	50.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.820%		
Target Compounds						Qvalue
16) Acetone	2.392	43	11282	5.220	ug/l	91
39) Methylcyclohexane	7.379	83	4967	0.484	ug/l #	81
67) Ethyl Benzene	10.195	91	48824	1.611	ug/l	97
68) m/p-Xylenes	10.305	106	43189	3.781	ug/l	99
73) Isopropylbenzene	10.963	105	279850	9.909	ug/l	99
78) n-propylbenzene	11.305	91	369097	10.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	843568	36.760	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2082448	89.780	ug/l	98
85) sec-Butylbenzene	11.890	105	20976m	0.702	ug/l	
95) Naphthalene	13.774	128	91479	4.008	ug/l	100

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

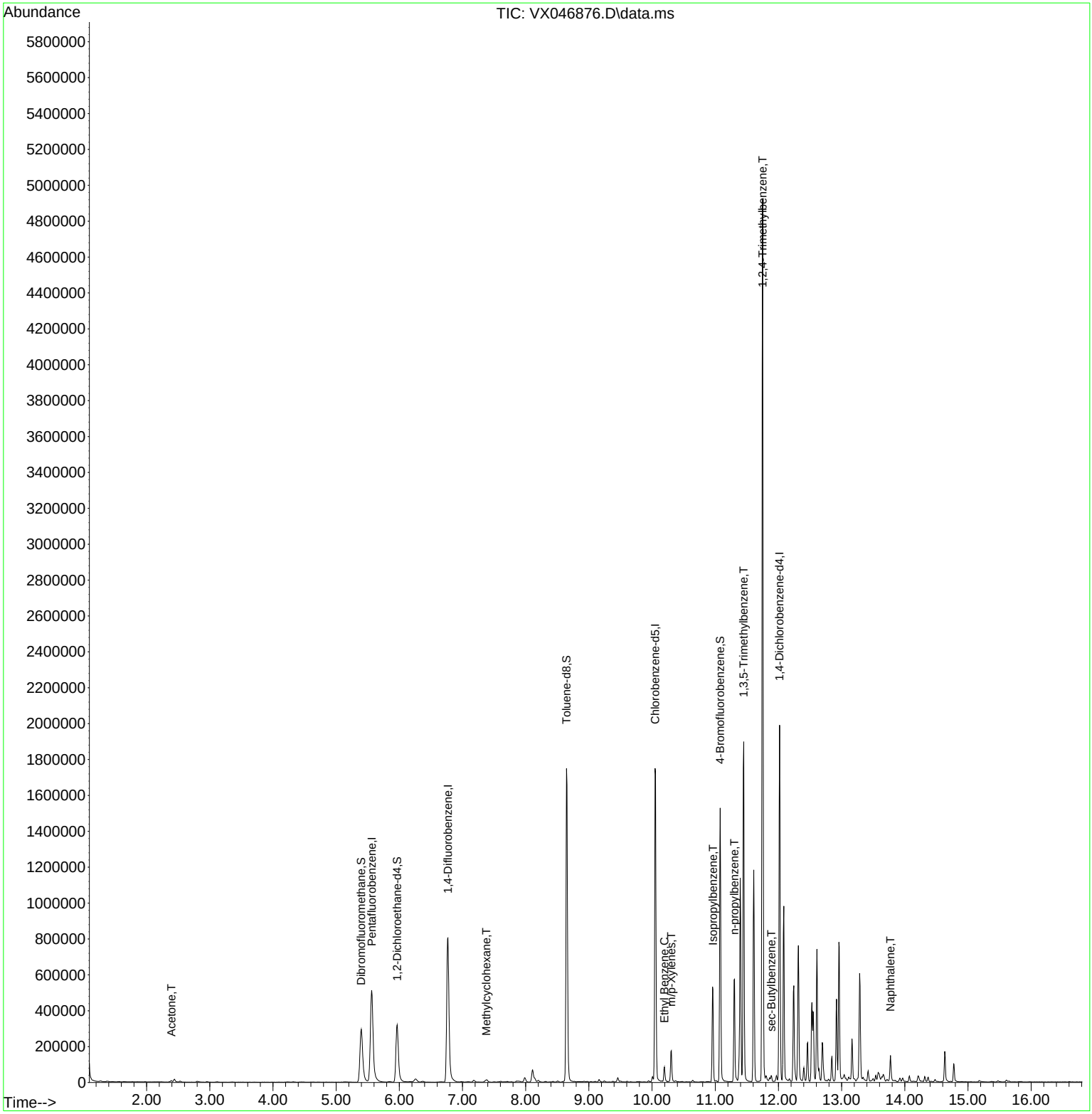
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046876.D
Acq On : 03 Jul 2025 11:04
Operator : JC/MD
Sample : Q2455-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 04 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

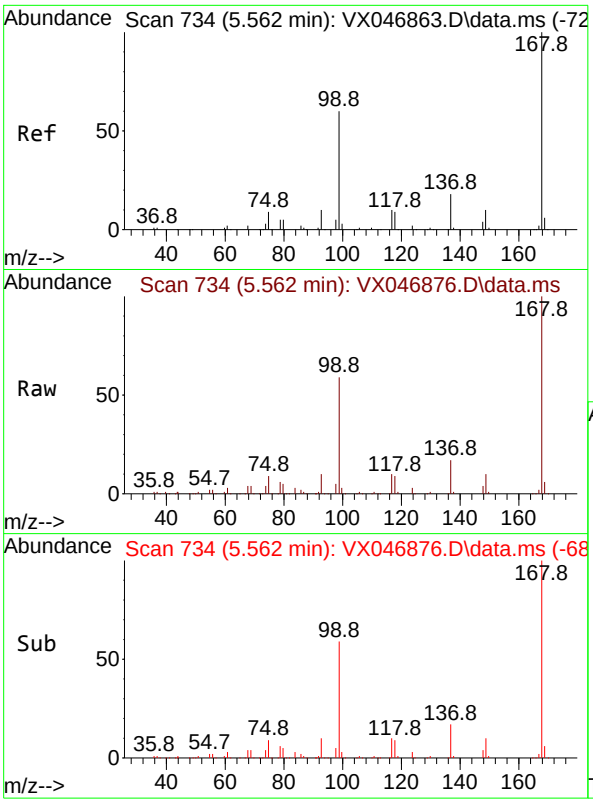
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

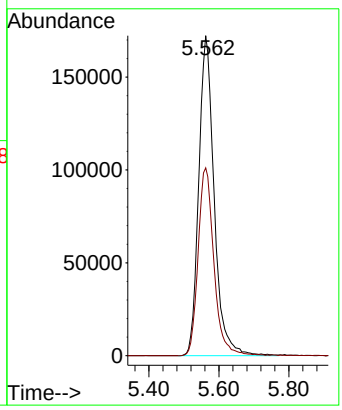
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

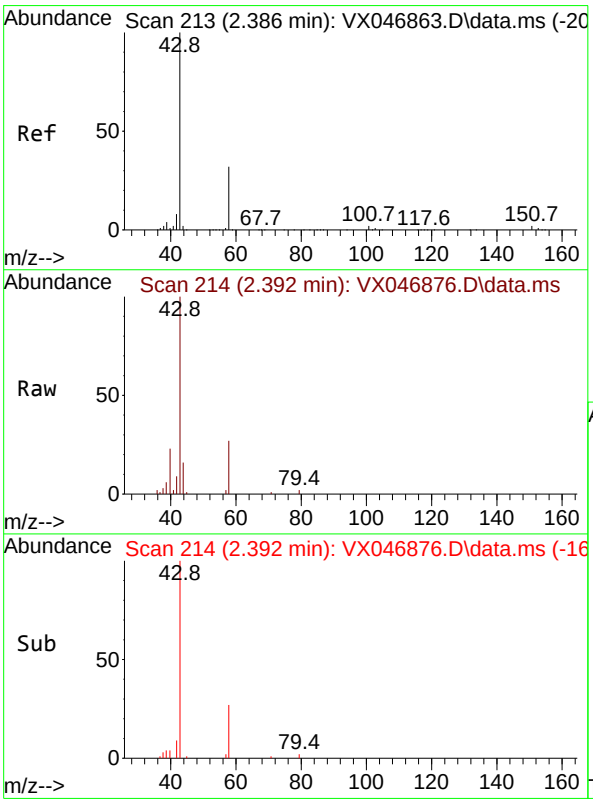


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:168 Resp: 52666

Ion	Ratio	Lower	Upper
168	100		
99	58.7	48.8	73.2

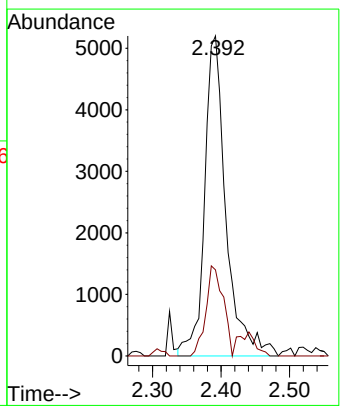


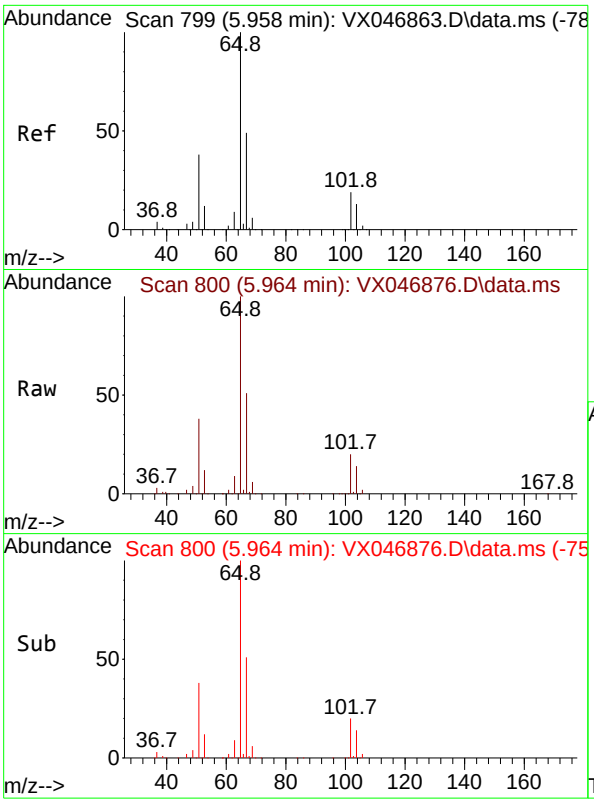


#16
Acetone
Concen: 5.220 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 43 Resp: 11282

Ion	Ratio	Lower	Upper
43	100		
58	26.9	25.8	38.6





#33
1,2-Dichloroethane-d4
Concen: 47.478 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 65 Resp: 33034

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.2

Instrument :
MSVOA_X
ClientSampleId :
MW10

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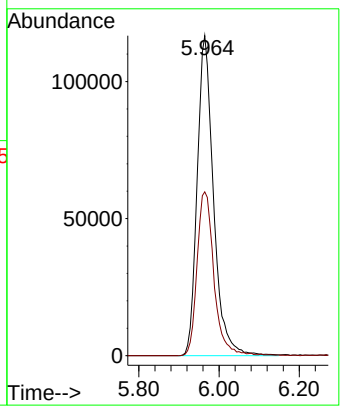
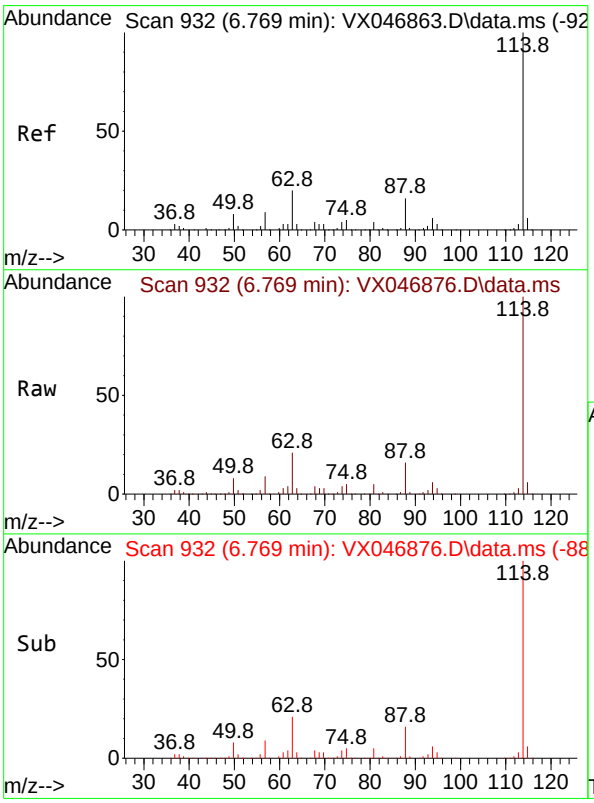
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

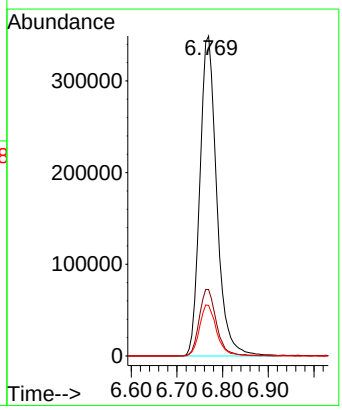


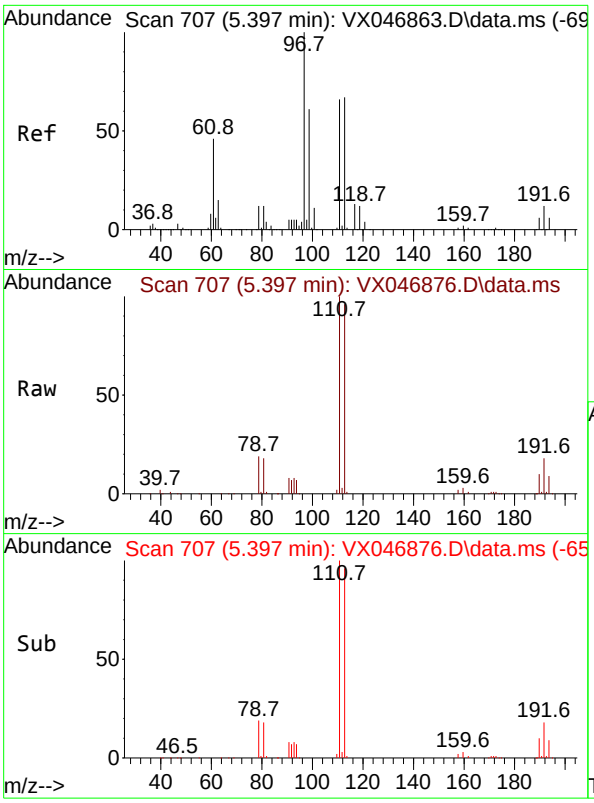


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:114 Resp: 896282

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	15.8	0.0	31.0

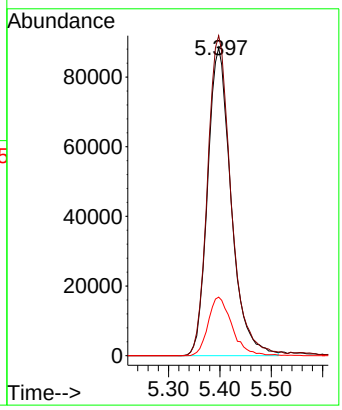




#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:113 Resp: 28080

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.2	121.8
192	19.3	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
MW10

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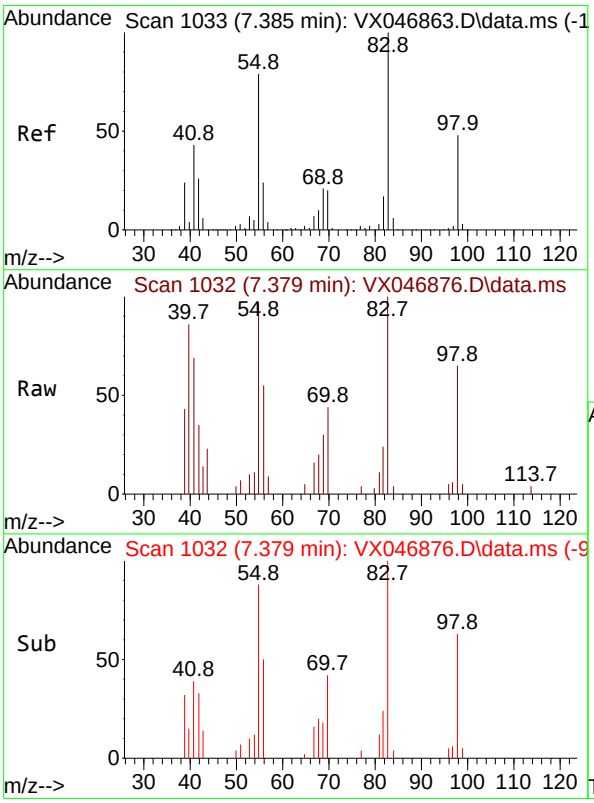
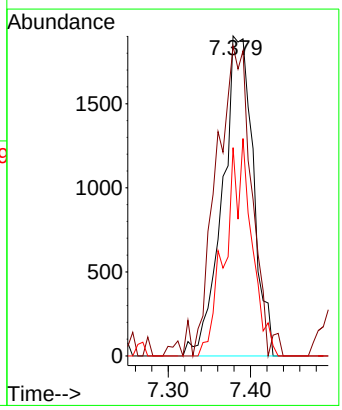
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

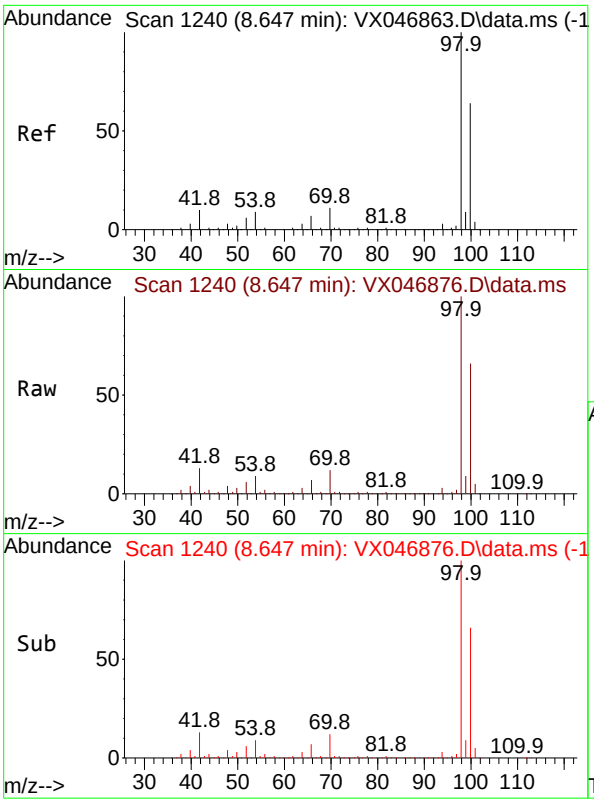


#39
Methylcyclohexane
Concen: 0.484 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 83 Resp: 4967

Ion	Ratio	Lower	Upper
83	100		
55	92.1	63.0	94.4
98	65.1	38.5	57.7#





#50
Toluene-d8
Concen: 49.482 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 98 Resp: 106216

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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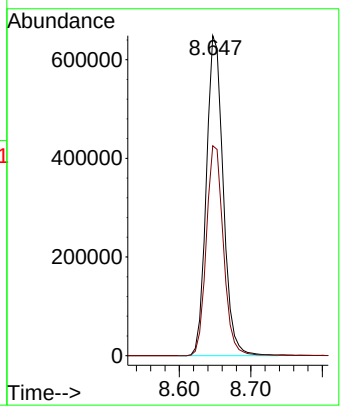
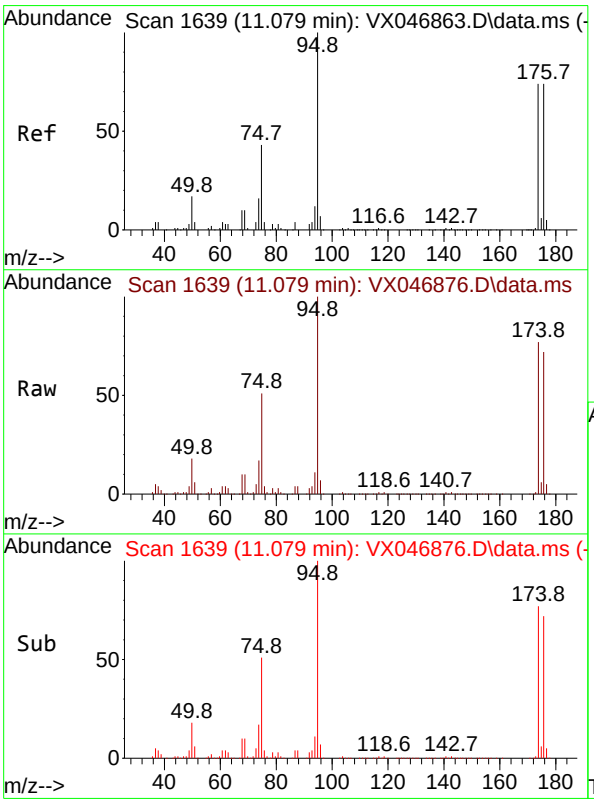
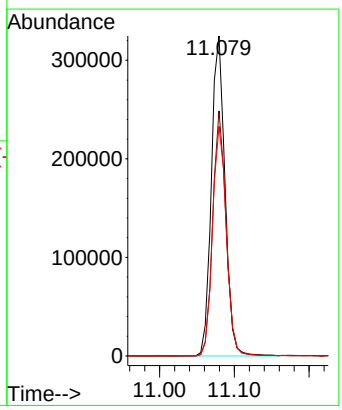


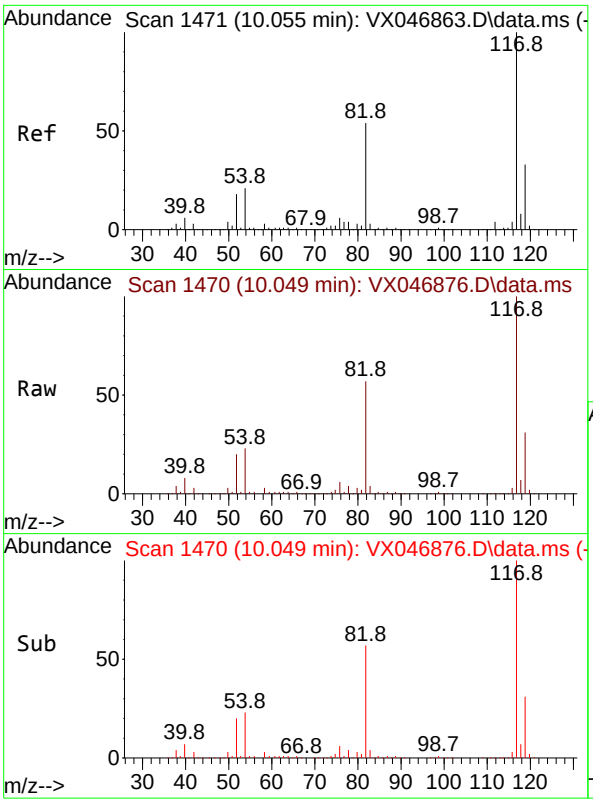


#62
4-Bromofluorobenzene
Concen: 50.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 95 Resp: 411240

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	152.0
176	72.8	0.0	145.2

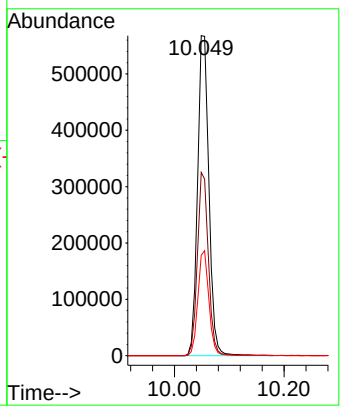




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:117 Resp: 81863

Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.3	64.9
119	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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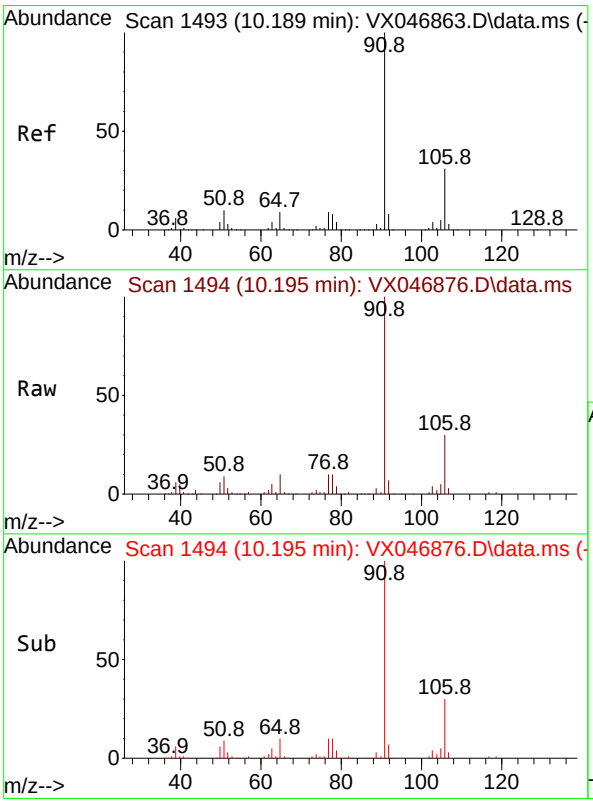
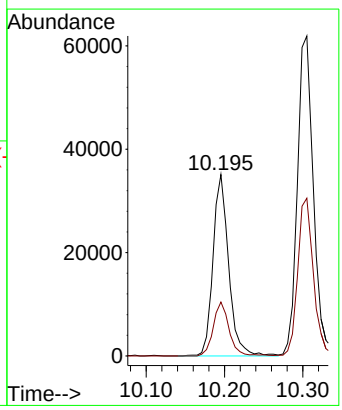
Supervised By :Mahesh Dadoda 07/07/2025

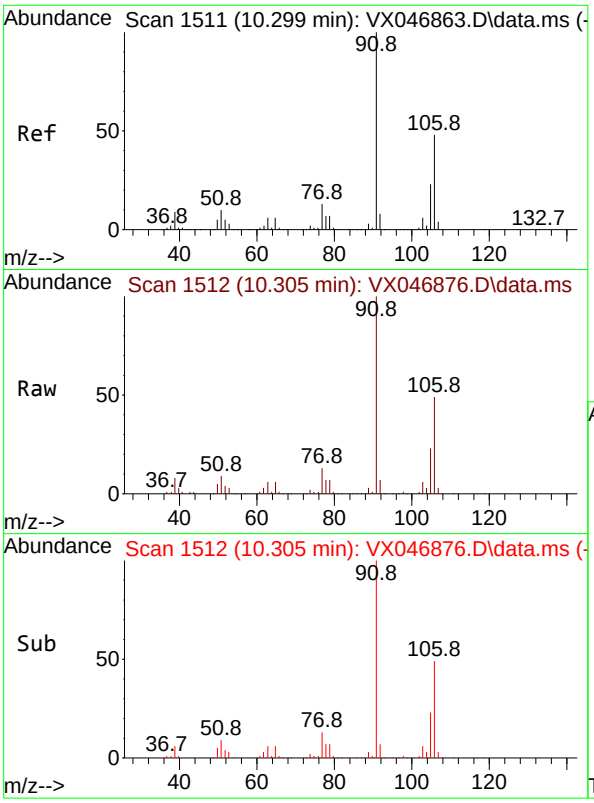


#67
Ethyl Benzene
Concen: 1.611 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 91 Resp: 48824

Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.4	36.6





#68
m/p-Xylenes
Concen: 3.781 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

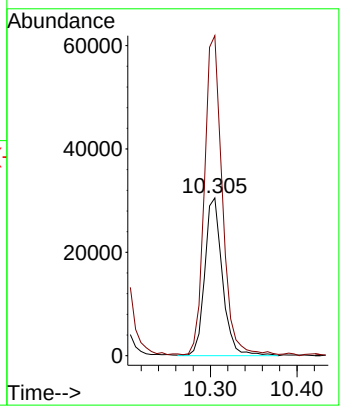
Tgt Ion:106 Resp: 4318

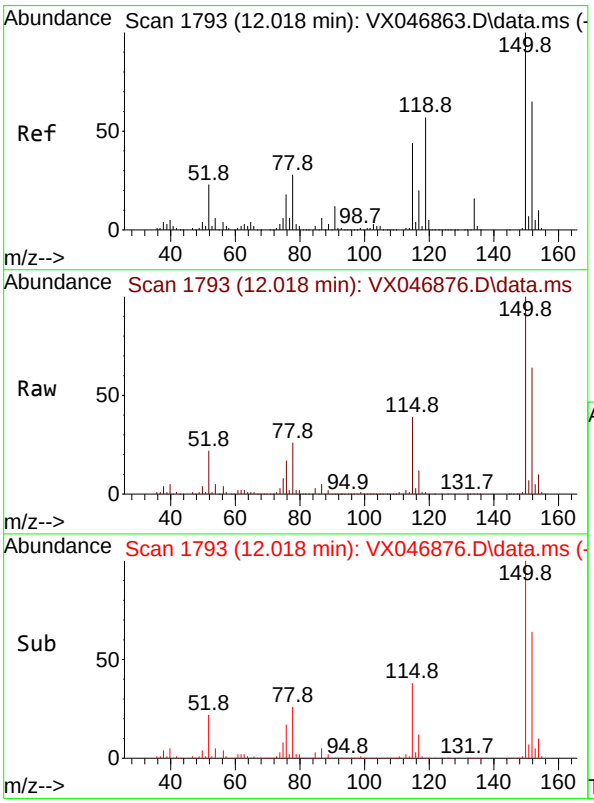
Ion	Ratio	Lower	Upper
106	100		
91	203.7	164.6	246.8

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

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

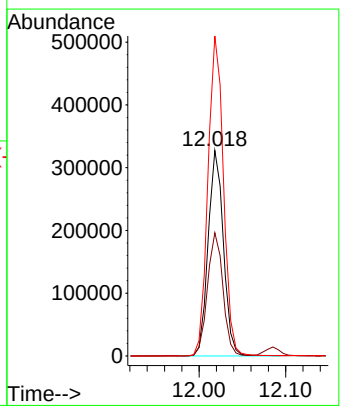


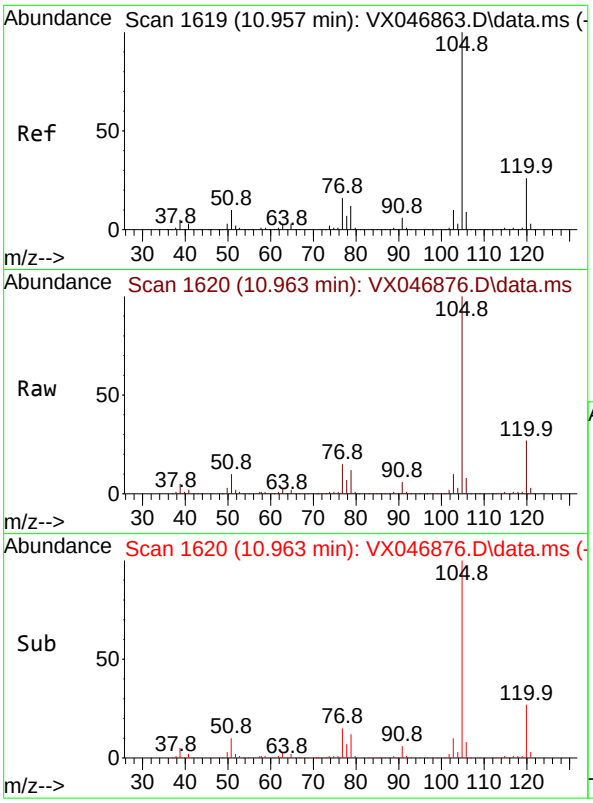


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:152 Resp: 401752

Ion	Ratio	Lower	Upper
152	100		
115	60.6	42.4	127.1
150	157.8	0.0	349.2

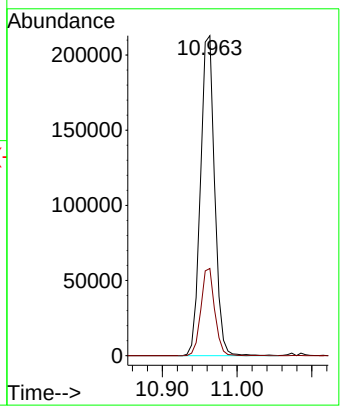




#73
Isopropylbenzene
Concen: 9.909 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 27985

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
MW10

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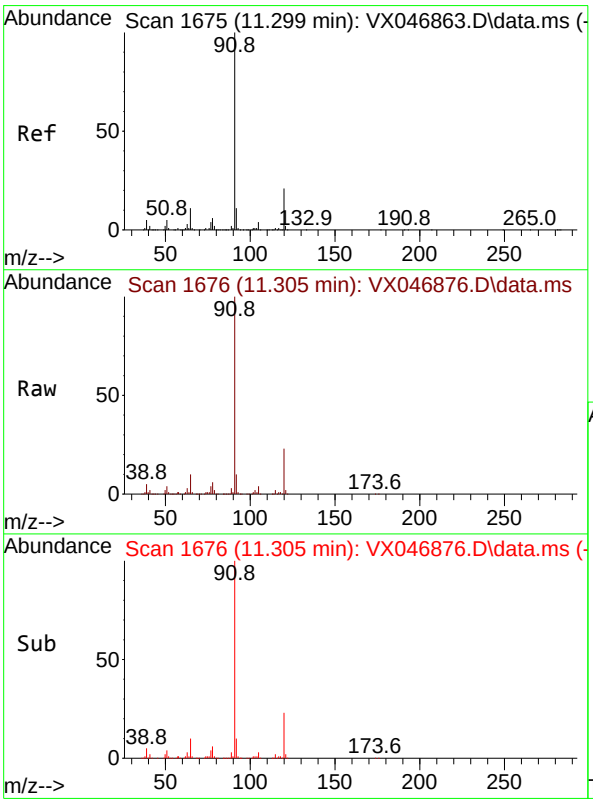
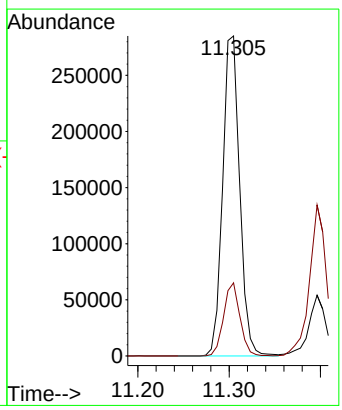
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

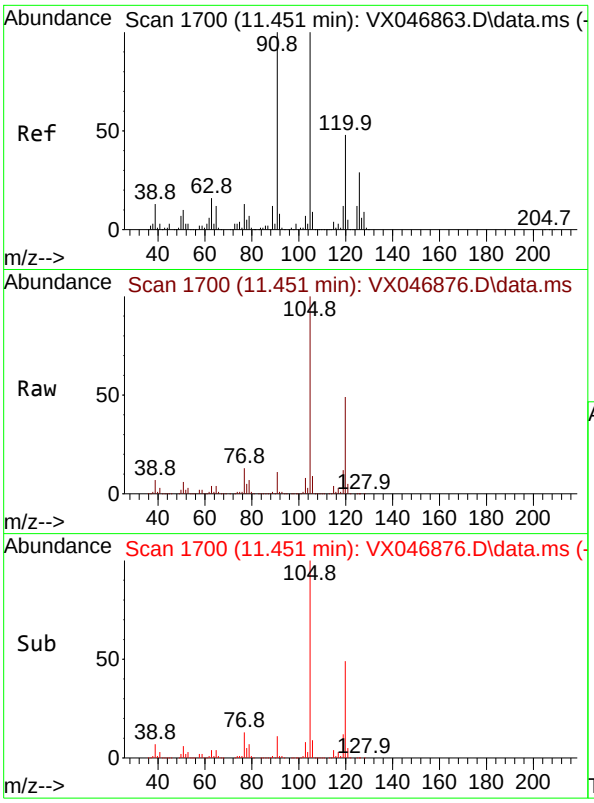


#78
n-propylbenzene
Concen: 10.839 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 91 Resp: 369097

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5

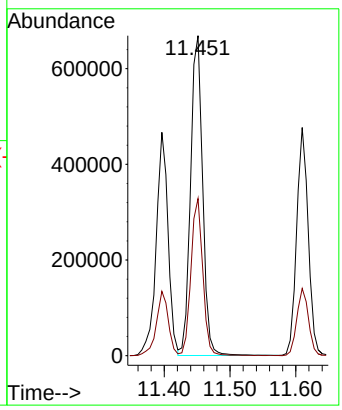




#80
1,3,5-Trimethylbenzene
Concen: 36.760 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 84356

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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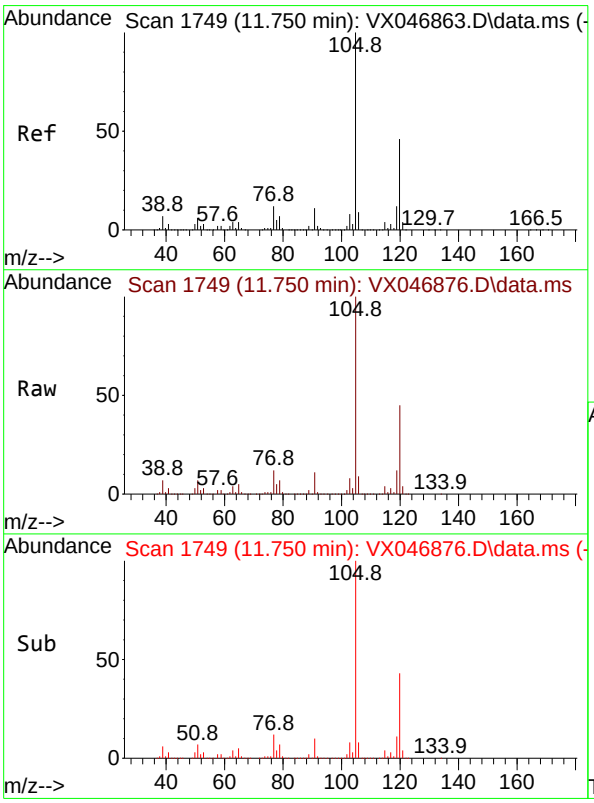
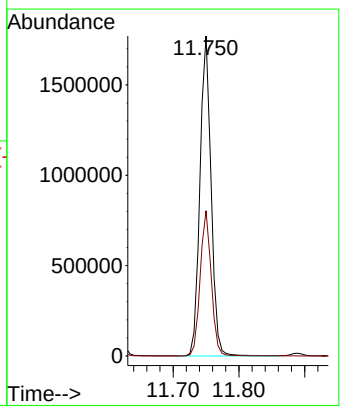


#84
1,2,4-Trimethylbenzene
Concen: 89.780 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 2082448

Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
MW10

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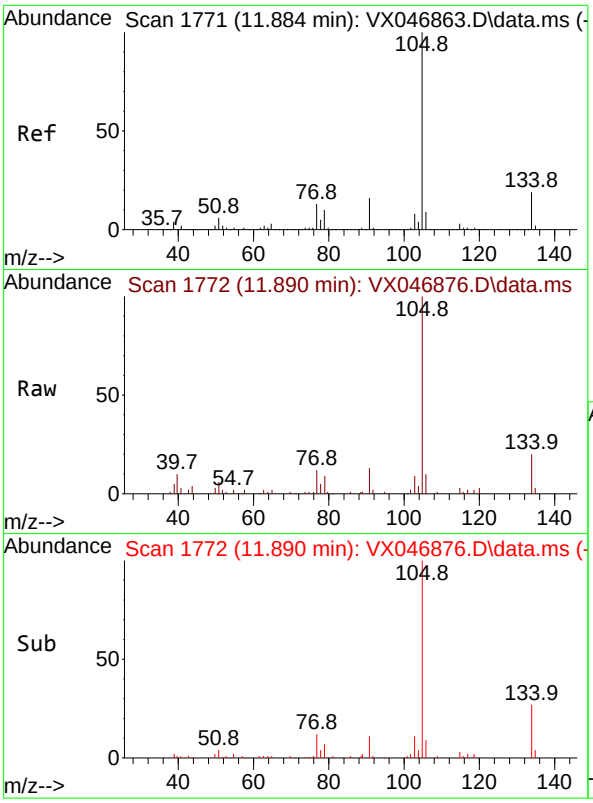
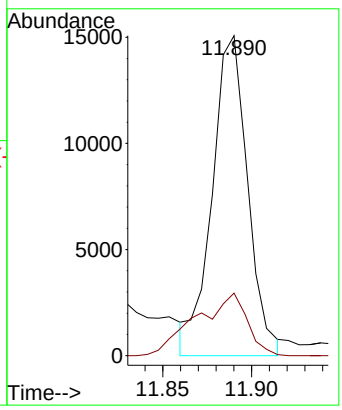
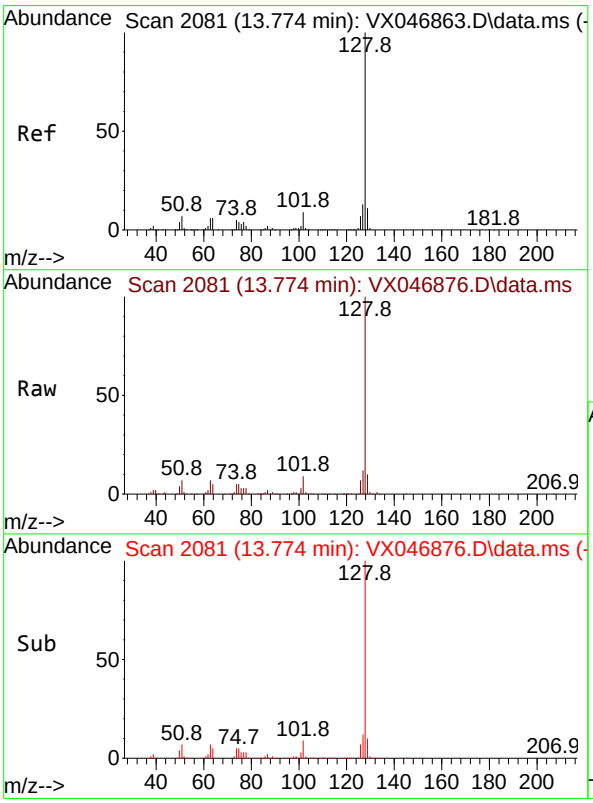


#85
sec-Butylbenzene
Concen: 0.702 ug/l m
RT: 11.890 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 2097

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7

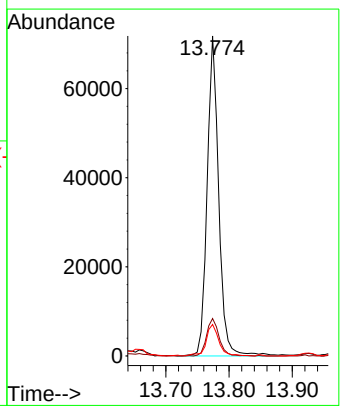




#95
Naphthalene
Concen: 4.008 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:128 Resp: 91479

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046878.D
Acq On : 03 Jul 2025 11:46
Operator : JC/MD
Sample : Q2455-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Jul 04 01:29:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	419216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	727439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	669234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	336823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	278540	50.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.580%			
35) Dibromofluoromethane	5.397	113	236123	47.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.640%			
50) Toluene-d8	8.647	98	865532	49.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	330095	49.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			

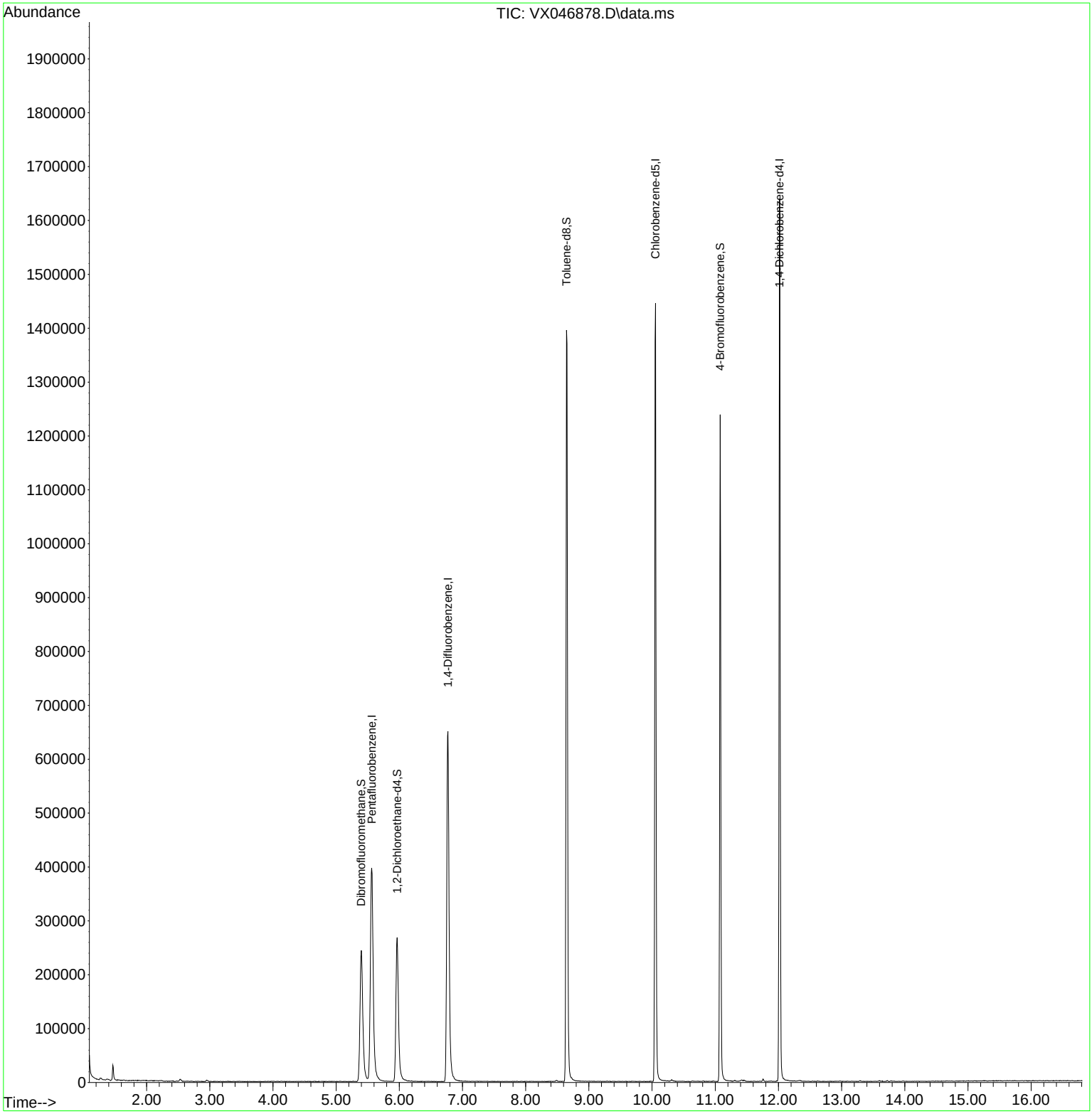
Target Compounds Qvalue

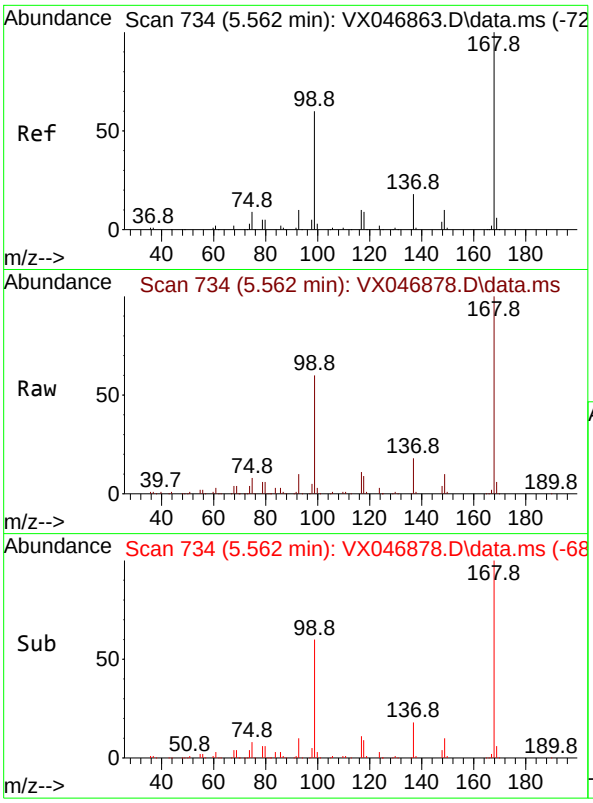
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046878.D
Acq On : 03 Jul 2025 11:46
Operator : JC/MD
Sample : Q2455-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Jul 04 01:29:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



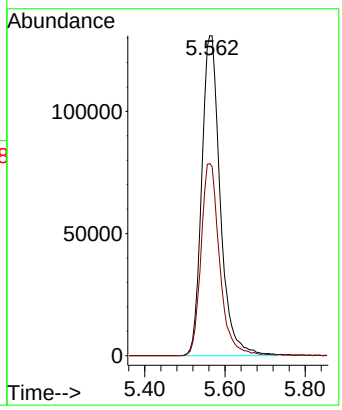


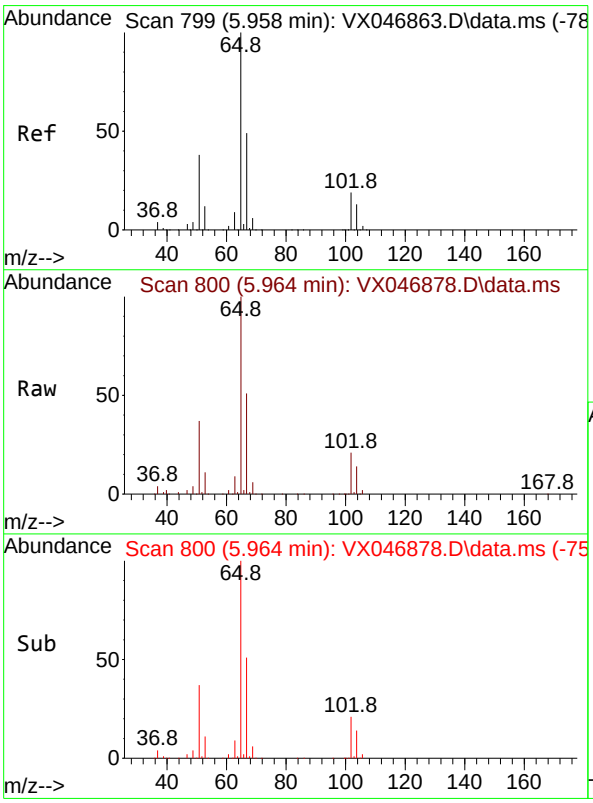
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 419216

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.8	73.2

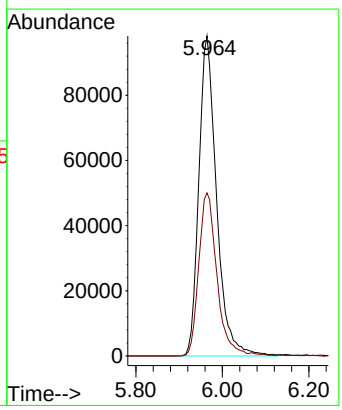


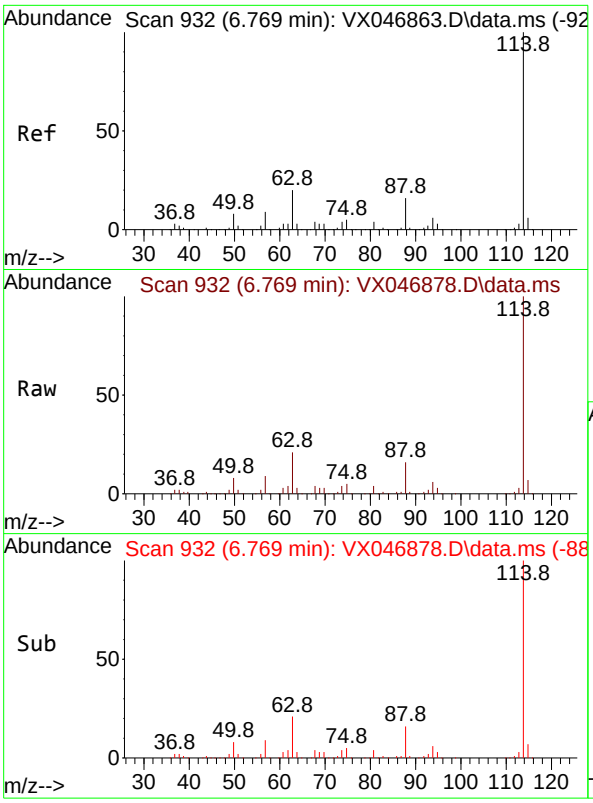


#33
1,2-Dichloroethane-d4
Concen: 50.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 65 Resp: 278540

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.2



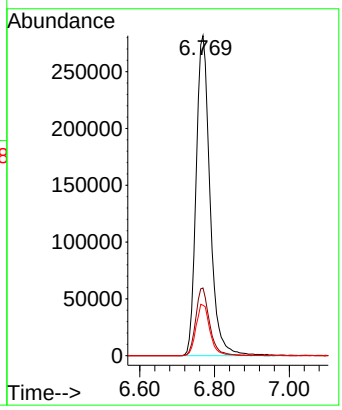


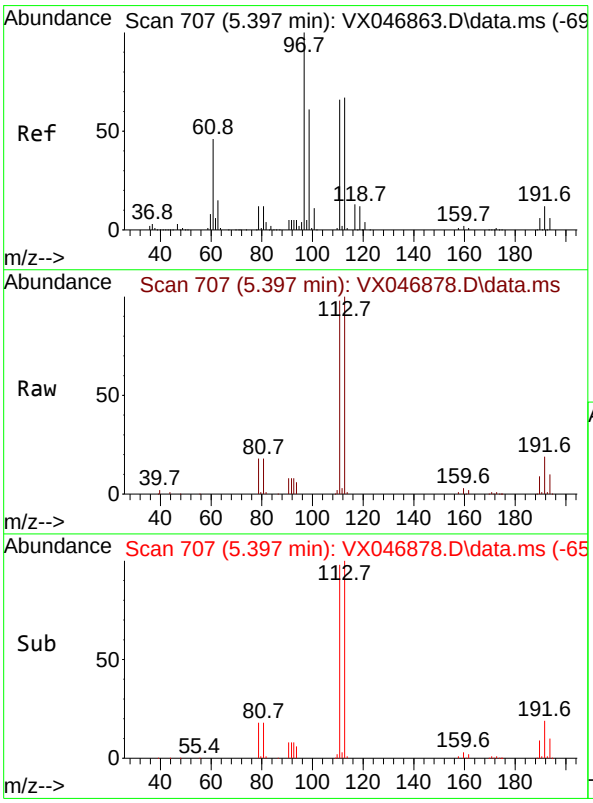
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:114 Resp: 727439

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	15.7	0.0	31.0

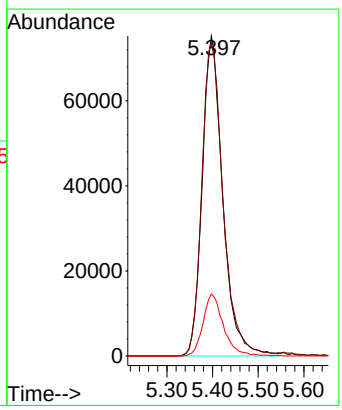


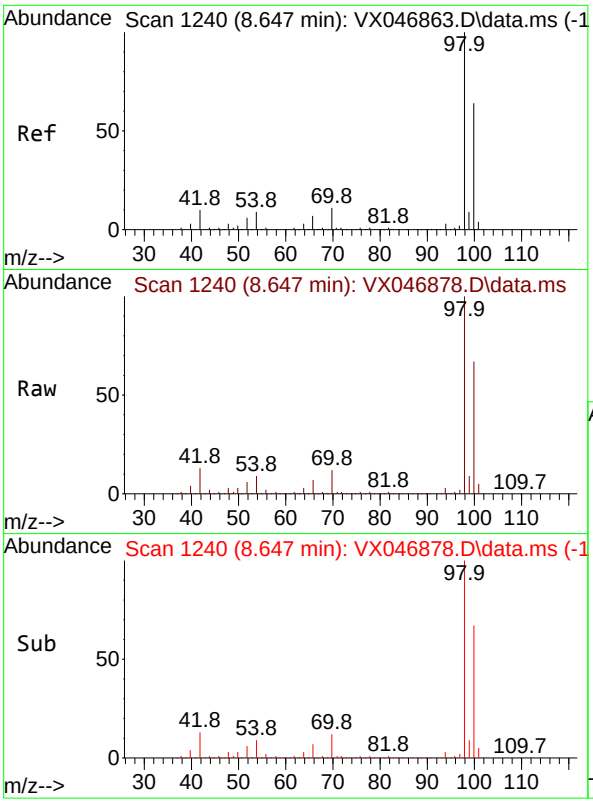


#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion:113 Resp: 236123

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.2	121.8
192	19.1	15.3	22.9



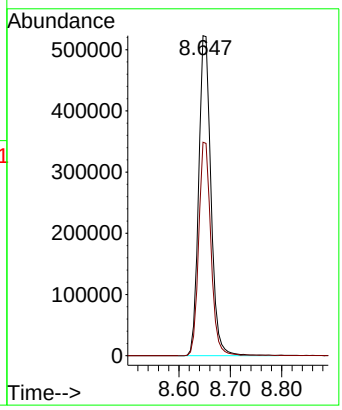


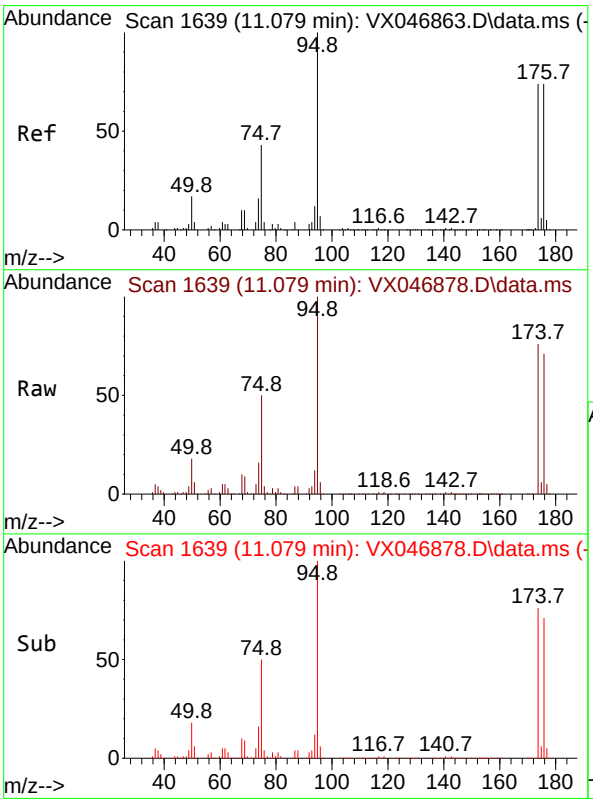
#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 98 Resp: 865532

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

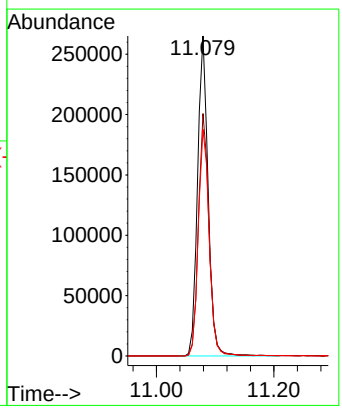


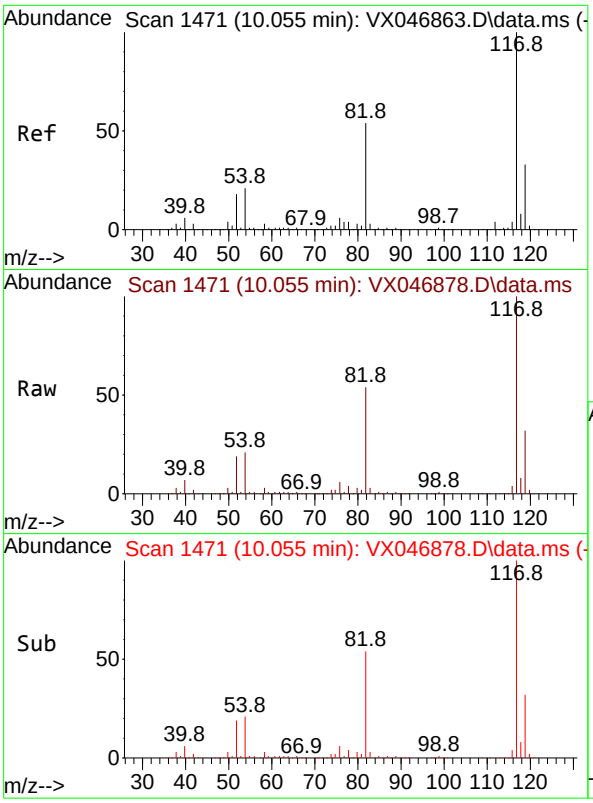


#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 95 Resp: 330095

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	152.0
176	72.9	0.0	145.2



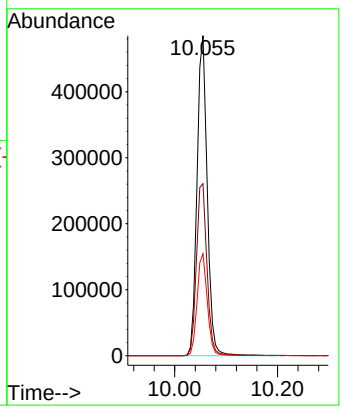


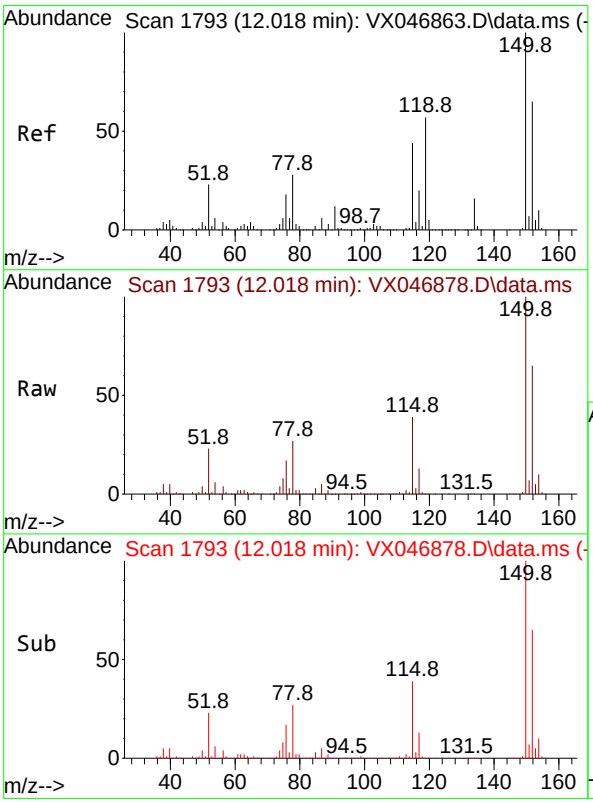
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 669234

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	31.9	26.4	39.6

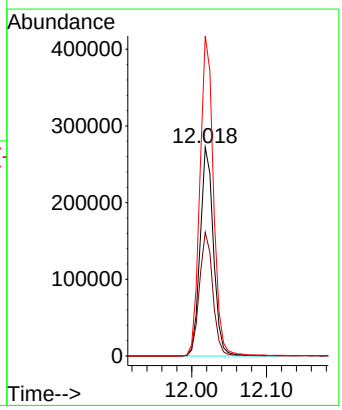




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion:152 Resp: 336823

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.4	127.1
150	155.8	0.0	349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

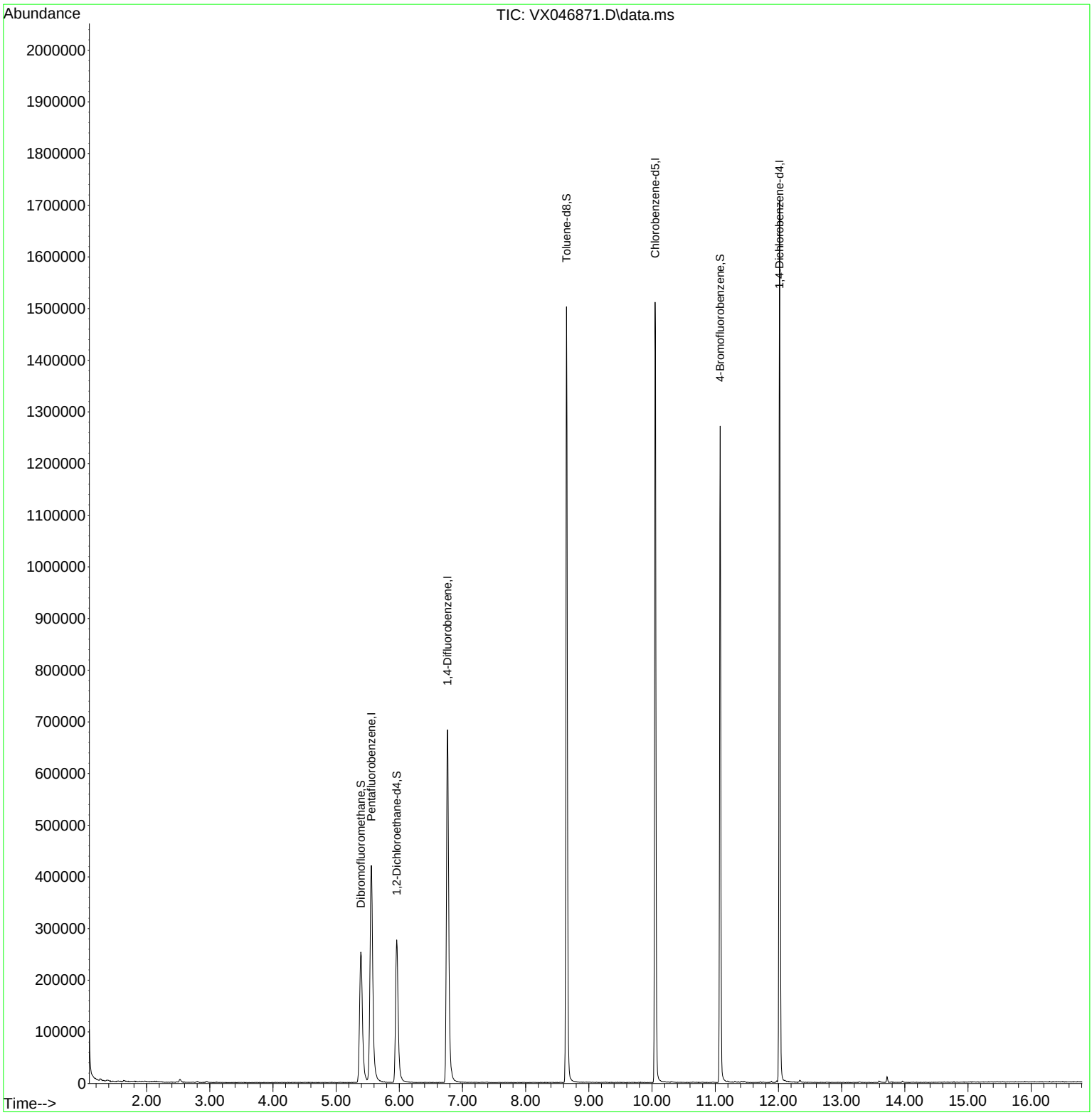
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	435949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	752530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	691838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289406	50.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	248443	48.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	893863	49.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	346730	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.240%			
Target Compounds						Qvalue

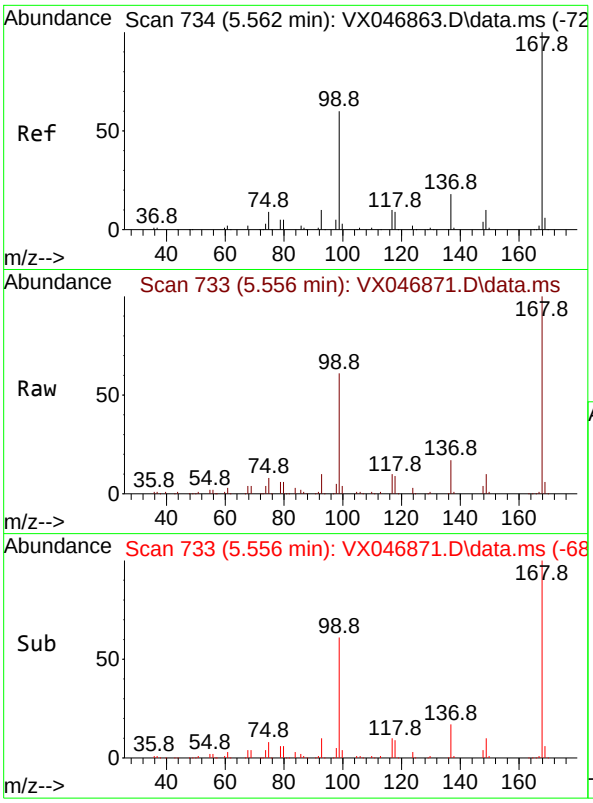
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



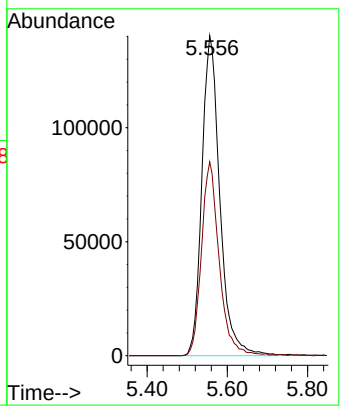


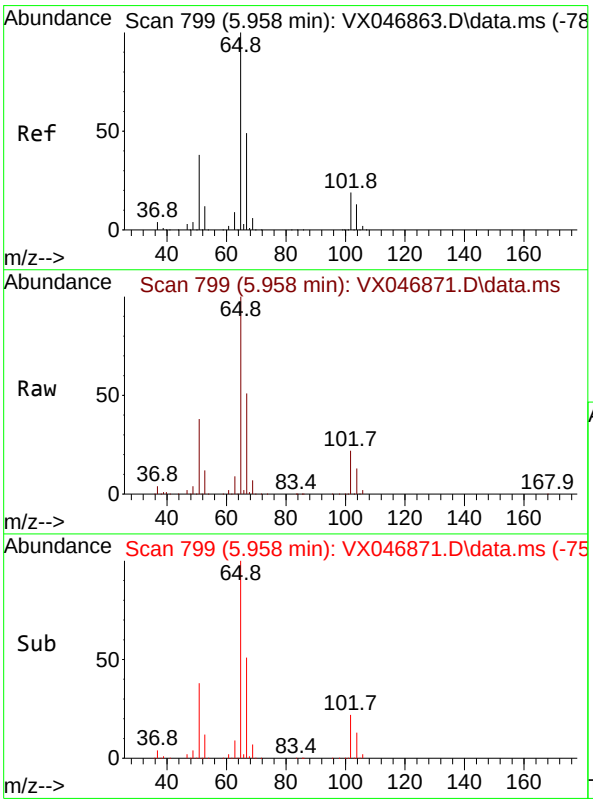
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:168 Resp: 435949

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.8	73.2

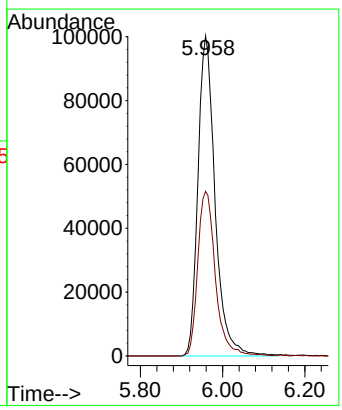


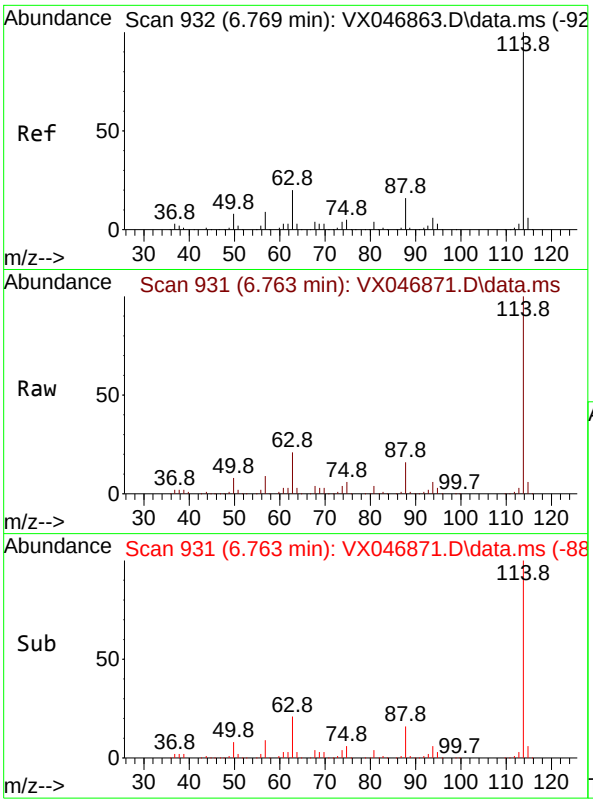


#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 65 Resp: 289406

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.2



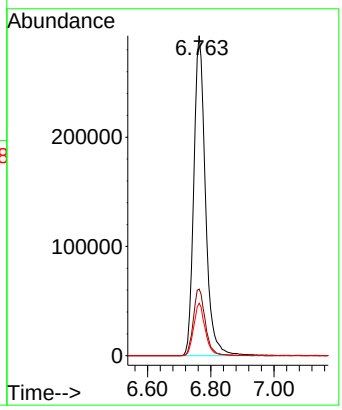


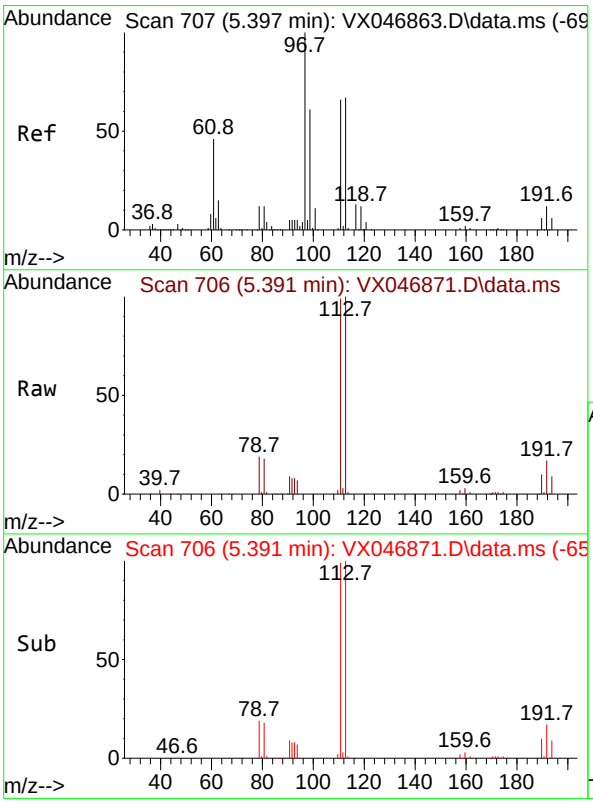
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:114 Resp: 752530

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	16.4	0.0	31.0

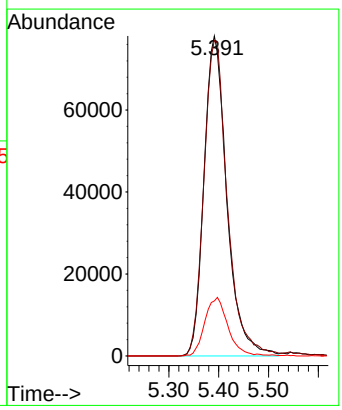


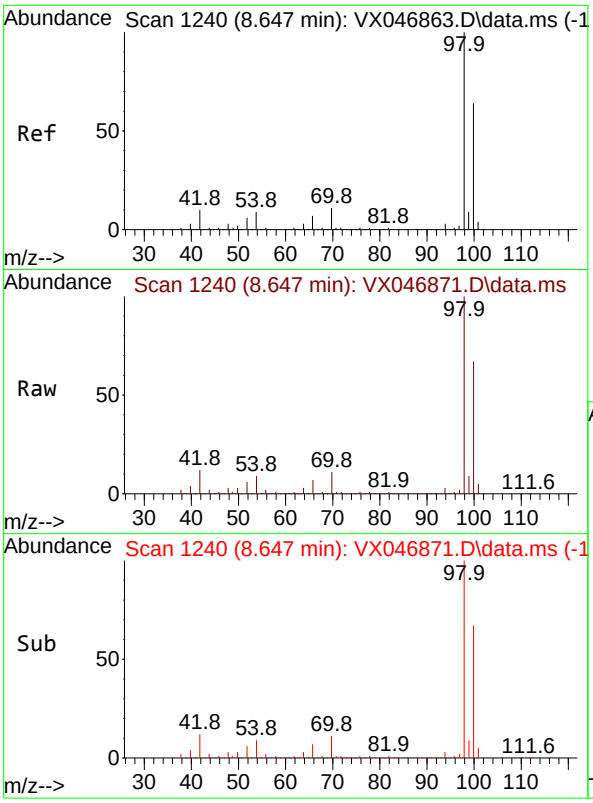


#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:113 Resp: 248443

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	18.6	15.3	22.9



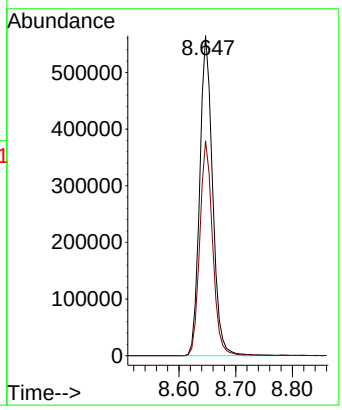


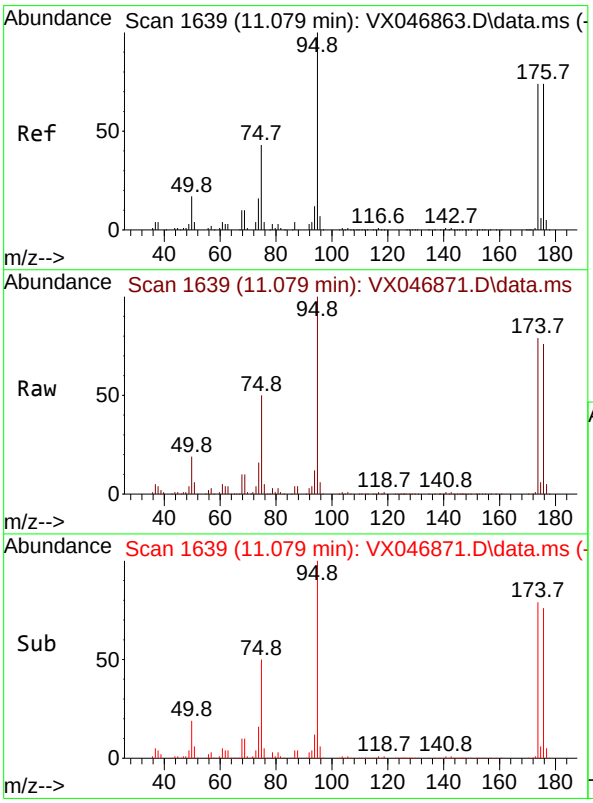
#50
Toluene-d8
Concen: 49.596 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion: 98 Resp: 893863

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6

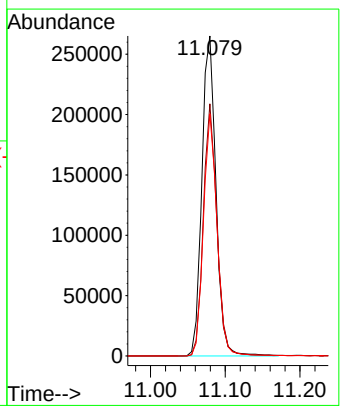


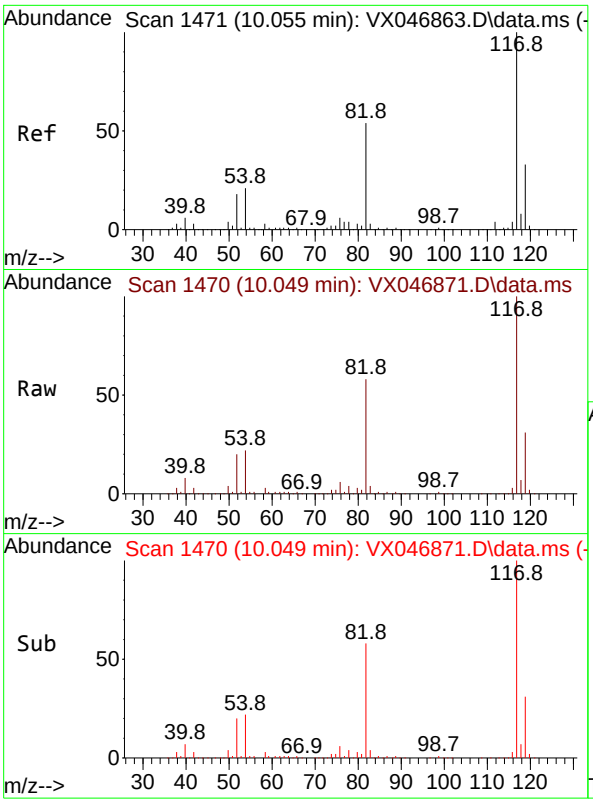


#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 95 Resp: 346730

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.0
176	73.3	0.0	145.2



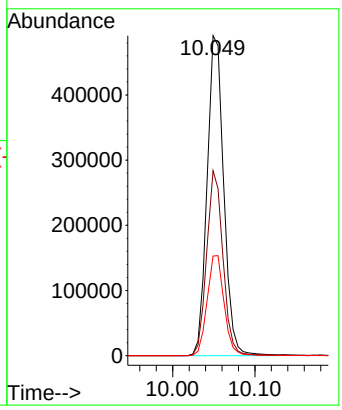


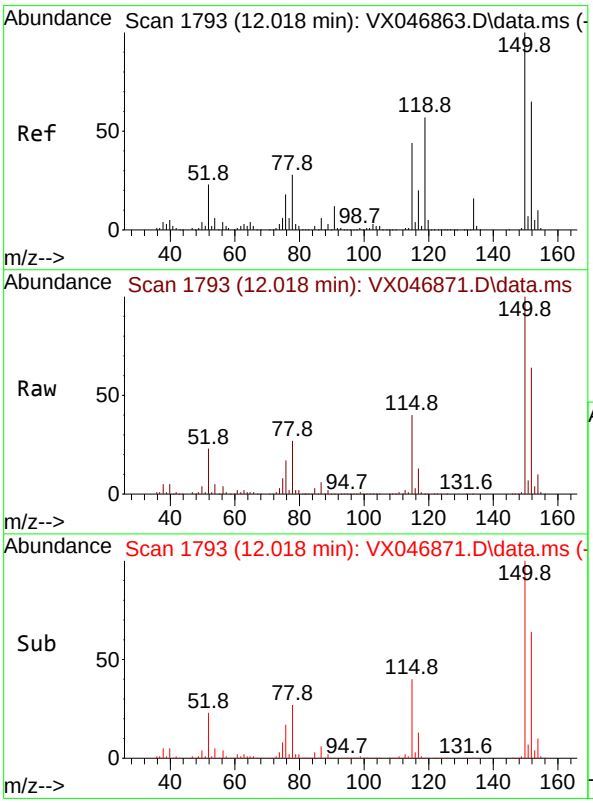
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:117 Resp: 691838

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.3	64.9
119	31.1	26.4	39.6

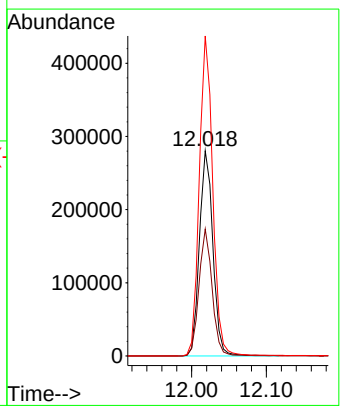




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:152 Resp: 351915

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	155.3	0.0	349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	631809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	293826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250995	49.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.740%			
35) Dibromofluoromethane	5.397	113	210542	49.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.646	98	750632	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	291553	50.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	68036	18.675	ug/l	97
3) Chloromethane	1.306	50	75722	19.024	ug/l	98
4) Vinyl Chloride	1.386	62	80875	18.658	ug/l	97
5) Bromomethane	1.629	94	57067	20.491	ug/l	95
6) Chloroethane	1.709	64	51958	18.153	ug/l	97
7) Trichlorofluoromethane	1.910	101	125782	18.767	ug/l	100
8) Diethyl Ether	2.148	74	44233	18.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	80482	18.845	ug/l	99
10) Methyl Iodide	2.471	142	81435	17.503	ug/l	95
11) Tert butyl alcohol	2.952	59	29156	88.336	ug/l	99
12) 1,1-Dichloroethene	2.337	96	75156	18.194	ug/l	99
13) Acrolein	2.251	56	32484	90.891	ug/l	98
14) Allyl chloride	2.684	41	135287	18.396	ug/l	99
15) Acrylonitrile	3.074	53	177334	92.929	ug/l	99
16) Acetone	2.385	43	135535	86.703	ug/l	99
17) Carbon Disulfide	2.532	76	194647	17.968	ug/l	99
18) Methyl Acetate	2.715	43	79351	19.259	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	220287	18.885	ug/l	100
20) Methylene Chloride	2.806	84	85406	18.476	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	80998	19.163	ug/l	92
22) Diisopropyl ether	3.769	45	278055	19.570	ug/l	91
23) Vinyl Acetate	3.733	43	1002297	94.162	ug/l	100
24) 1,1-Dichloroethane	3.629	63	153606	18.957	ug/l	98
25) 2-Butanone	4.568	43	194141	93.086	ug/l	98
26) 2,2-Dichloropropane	4.495	77	109423	18.145	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	98001	18.990	ug/l	99
28) Bromochloromethane	4.909	49	63945	15.990	ug/l	99
29) Tetrahydrofuran	5.013	42	125617	94.485	ug/l	99
30) Chloroform	5.104	83	157900	19.074	ug/l	99
31) Cyclohexane	5.488	56	138302	19.226	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130237	18.831	ug/l	99
36) 1,1-Dichloropropene	5.708	75	104793	18.110	ug/l	98
37) Ethyl Acetate	4.726	43	81519	16.541	ug/l	96
38) Carbon Tetrachloride	5.690	117	111817	18.278	ug/l	96
39) Methylcyclohexane	7.385	83	134672	18.606	ug/l	95
40) Benzene	6.049	78	331479	18.939	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	49384	18.784	ug/l		95
42) 1,2-Dichloroethane	6.092	62	110414	18.579	ug/l		99
43) Isopropyl Acetate	6.348	43	142626	18.894	ug/l		100
44) Trichloroethene	7.135	130	83932	18.422	ug/l		99
45) 1,2-Dichloropropane	7.433	63	82453	18.647	ug/l		100
46) Dibromomethane	7.586	93	56307	18.378	ug/l		97
47) Bromodichloromethane	7.823	83	122976	18.798	ug/l		97
48) Methyl methacrylate	7.695	41	72971	18.721	ug/l		99
49) 1,4-Dioxane	7.665	88	16908	374.371	ug/l	#	91
51) 4-Methyl-2-Pentanone	8.573	43	424297	95.238	ug/l		99
52) Toluene	8.720	92	207111	19.096	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	107683	18.444	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	123427	18.521	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	77121	19.091	ug/l		97
56) Ethyl methacrylate	9.116	69	105762	18.916	ug/l		99
57) 1,3-Dichloropropane	9.311	76	132209	19.007	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	274129	87.015	ug/l		100
59) 2-Hexanone	9.427	43	272293	92.144	ug/l		99
60) Dibromochloromethane	9.518	129	89907	18.597	ug/l		100
61) 1,2-Dibromoethane	9.610	107	75647	18.646	ug/l		100
64) Tetrachloroethene	9.274	164	70534	18.503	ug/l		95
65) Chlorobenzene	10.079	112	230093	18.588	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	77000	18.504	ug/l		98
67) Ethyl Benzene	10.195	91	400024	18.870	ug/l		98
68) m/p-Xylenes	10.299	106	303388	37.980	ug/l		99
69) o-Xylene	10.640	106	144569	18.736	ug/l		99
70) Styrene	10.652	104	255321	19.340	ug/l		100
71) Bromoform	10.799	173	56499	18.260	ug/l		100
73) Isopropylbenzene	10.963	105	384896	18.634	ug/l		100
74) N-amyl acetate	10.841	43	127048	18.101	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103145	18.161	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	80806m	17.799	ug/l		
77) Bromobenzene	11.195	156	93265	18.128	ug/l		98
78) n-propylbenzene	11.298	91	461151	18.516	ug/l		100
79) 2-Chlorotoluene	11.359	91	274010	18.632	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	314655	18.748	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28155	16.642	ug/l		96
82) 4-Chlorotoluene	11.451	91	317541	18.711	ug/l		98
83) tert-Butylbenzene	11.713	119	326204	18.819	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	318339	18.766	ug/l		96
85) sec-Butylbenzene	11.890	105	411978	18.850	ug/l		100
86) p-Isopropyltoluene	12.006	119	340932	18.628	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	177009	18.396	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	180023	17.977	ug/l		99
89) n-Butylbenzene	12.329	91	317598	18.468	ug/l		99
90) Hexachloroethane	12.536	117	56665	17.465	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	172751	18.527	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	17485	17.601	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	112828	17.812	ug/l		99
94) Hexachlorobutadiene	13.719	225	44266	18.530	ug/l		100
95) Naphthalene	13.774	128	308131	18.460	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	107332	17.933	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

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

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

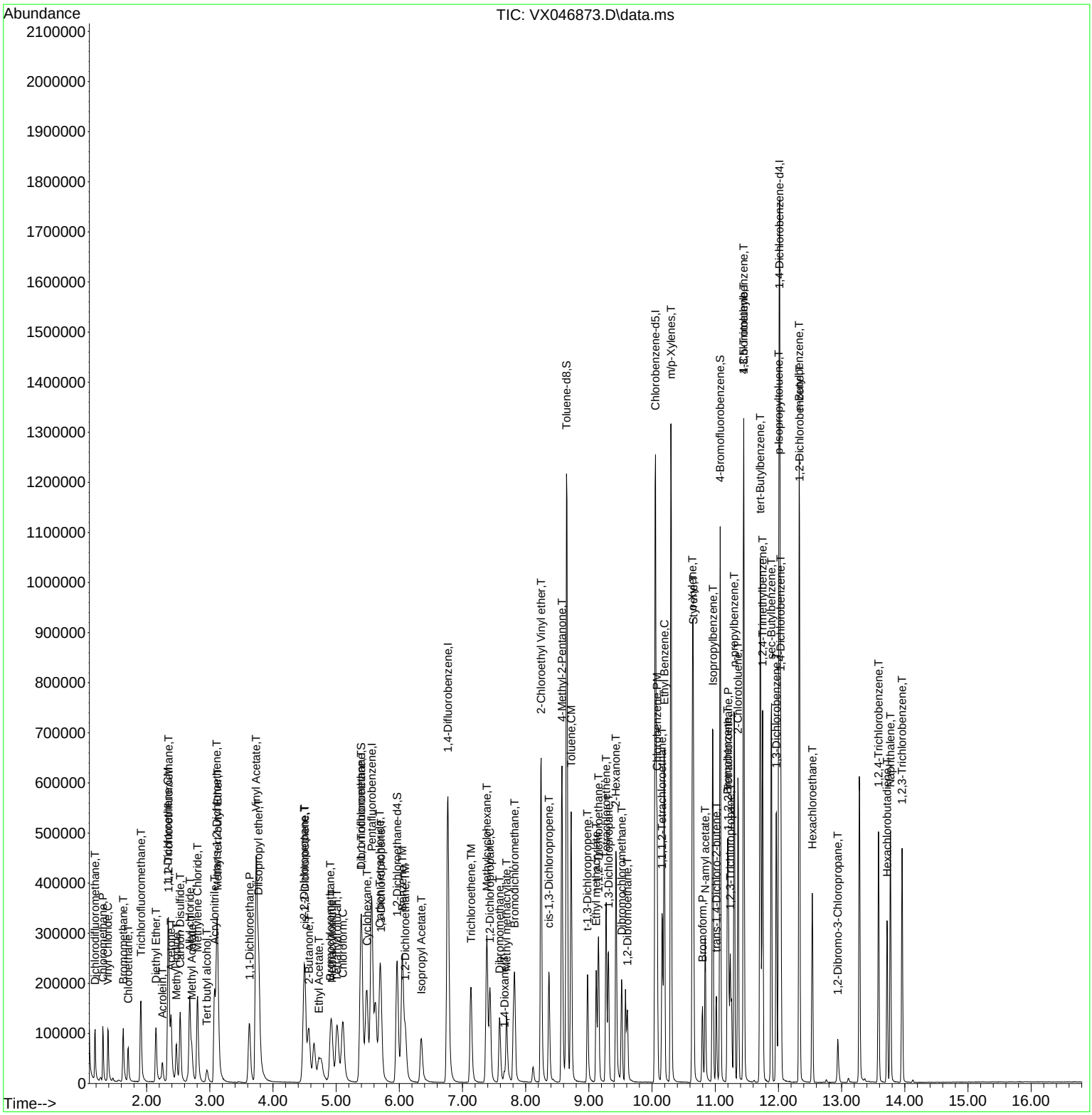
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	339915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230519	51.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	191861	49.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.500%			
50) Toluene-d8	8.647	98	671040	49.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	264089	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	62729	19.296	ug/l	98
3) Chloromethane	1.307	50	69050	19.441	ug/l	98
4) Vinyl Chloride	1.386	62	73973	19.126	ug/l	97
5) Bromomethane	1.630	94	51002	20.523	ug/l	97
6) Chloroethane	1.703	64	48021	18.803	ug/l	94
7) Trichlorofluoromethane	1.904	101	116515	19.483	ug/l	98
8) Diethyl Ether	2.142	74	43182	20.290	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	74499	19.550	ug/l	99
10) Methyl Iodide	2.471	142	82580	19.891	ug/l	99
11) Tert butyl alcohol	2.947	59	28802	97.794	ug/l	99
12) 1,1-Dichloroethene	2.337	96	70748	19.194	ug/l	99
13) Acrolein	2.246	56	31524	98.601	ug/l	97
14) Allyl chloride	2.678	41	127246	19.390	ug/l	99
15) Acrylonitrile	3.069	53	169062	99.285	ug/l	99
16) Acetone	2.386	43	126884	90.964	ug/l	100
17) Carbon Disulfide	2.526	76	178758	18.493	ug/l	100
18) Methyl Acetate	2.715	43	75310	20.484	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	213289	20.491	ug/l	99
20) Methylene Chloride	2.800	84	81945	19.867	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	75072	19.904	ug/l	99
22) Diisopropyl ether	3.764	45	265963	20.978	ug/l #	83
23) Vinyl Acetate	3.727	43	972517	102.390	ug/l	99
24) 1,1-Dichloroethane	3.623	63	142037	19.644	ug/l	99
25) 2-Butanone	4.556	43	183656	98.685	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100620	18.699	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	91771	19.929	ug/l	100
28) Bromochloromethane	4.904	49	62290	17.456	ug/l	97
29) Tetrahydrofuran	5.007	42	121593	102.495	ug/l	99
30) Chloroform	5.105	83	148570	20.113	ug/l	94
31) Cyclohexane	5.483	56	128775	20.062	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	120018	19.447	ug/l	97
36) 1,1-Dichloropropene	5.702	75	100414	19.300	ug/l	99
37) Ethyl Acetate	4.721	43	80747	18.222	ug/l	99
38) Carbon Tetrachloride	5.684	117	107033	19.458	ug/l	99
39) Methylcyclohexane	7.385	83	125862	19.339	ug/l	98
40) Benzene	6.044	78	311436	19.790	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	46583	19.706	ug/l		97
42) 1,2-Dichloroethane	6.092	62	108647	20.332	ug/l		99
43) Isopropyl Acetate	6.342	43	135993	20.036	ug/l		99
44) Trichloroethene	7.129	130	77478	18.913	ug/l		85
45) 1,2-Dichloropropane	7.434	63	79235	19.929	ug/l		95
46) Dibromomethane	7.586	93	54568	19.808	ug/l		99
47) Bromodichloromethane	7.824	83	117624	19.997	ug/l		98
48) Methyl methacrylate	7.696	41	70912	20.233	ug/l		97
49) 1,4-Dioxane	7.659	88	16565	407.913	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	407426	101.708	ug/l		100
52) Toluene	8.714	92	195560	20.054	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	103725	19.759	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	121606	20.295	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	75284	20.726	ug/l		98
56) Ethyl methacrylate	9.116	69	102805	20.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	127139	20.328	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	267457	94.419	ug/l		100
59) 2-Hexanone	9.427	43	273252	102.840	ug/l		99
60) Dibromochloromethane	9.519	129	87002	20.015	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73148	20.052	ug/l		99
64) Tetrachloroethene	9.269	164	66459	19.283	ug/l		95
65) Chlorobenzene	10.080	112	216580	19.352	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	73712	19.593	ug/l		99
67) Ethyl Benzene	10.189	91	377341	19.688	ug/l		100
68) m/p-Xylenes	10.299	106	287999	39.877	ug/l		99
69) o-Xylene	10.640	106	137563	19.719	ug/l		99
70) Styrene	10.653	104	240484	20.148	ug/l		99
71) Bromoform	10.799	173	54017	19.310	ug/l	#	98
73) Isopropylbenzene	10.957	105	363745	19.173	ug/l		99
74) N-amyl acetate	10.842	43	120882	18.751	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101199	19.399	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81097m	19.448	ug/l		
77) Bromobenzene	11.195	156	90550	19.162	ug/l		99
78) n-propylbenzene	11.299	91	434180	18.980	ug/l		100
79) 2-Chlorotoluene	11.360	91	259147	19.186	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	300217	19.476	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27189	17.497	ug/l		96
82) 4-Chlorotoluene	11.451	91	300371	19.270	ug/l		99
83) tert-Butylbenzene	11.713	119	310012	19.472	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	303925	19.506	ug/l		99
85) sec-Butylbenzene	11.884	105	388639	19.361	ug/l		100
86) p-Isopropyltoluene	12.006	119	325932	19.389	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	171703	19.428	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	173114	18.821	ug/l		99
89) n-Butylbenzene	12.329	91	300821	19.045	ug/l		100
90) Hexachloroethane	12.536	117	55235	18.535	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	167127	19.514	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17286	18.945	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	106589	18.320	ug/l		98
94) Hexachlorobutadiene	13.719	225	41848	19.072	ug/l		99
95) Naphthalene	13.774	128	298705	19.483	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	106976	19.459	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

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\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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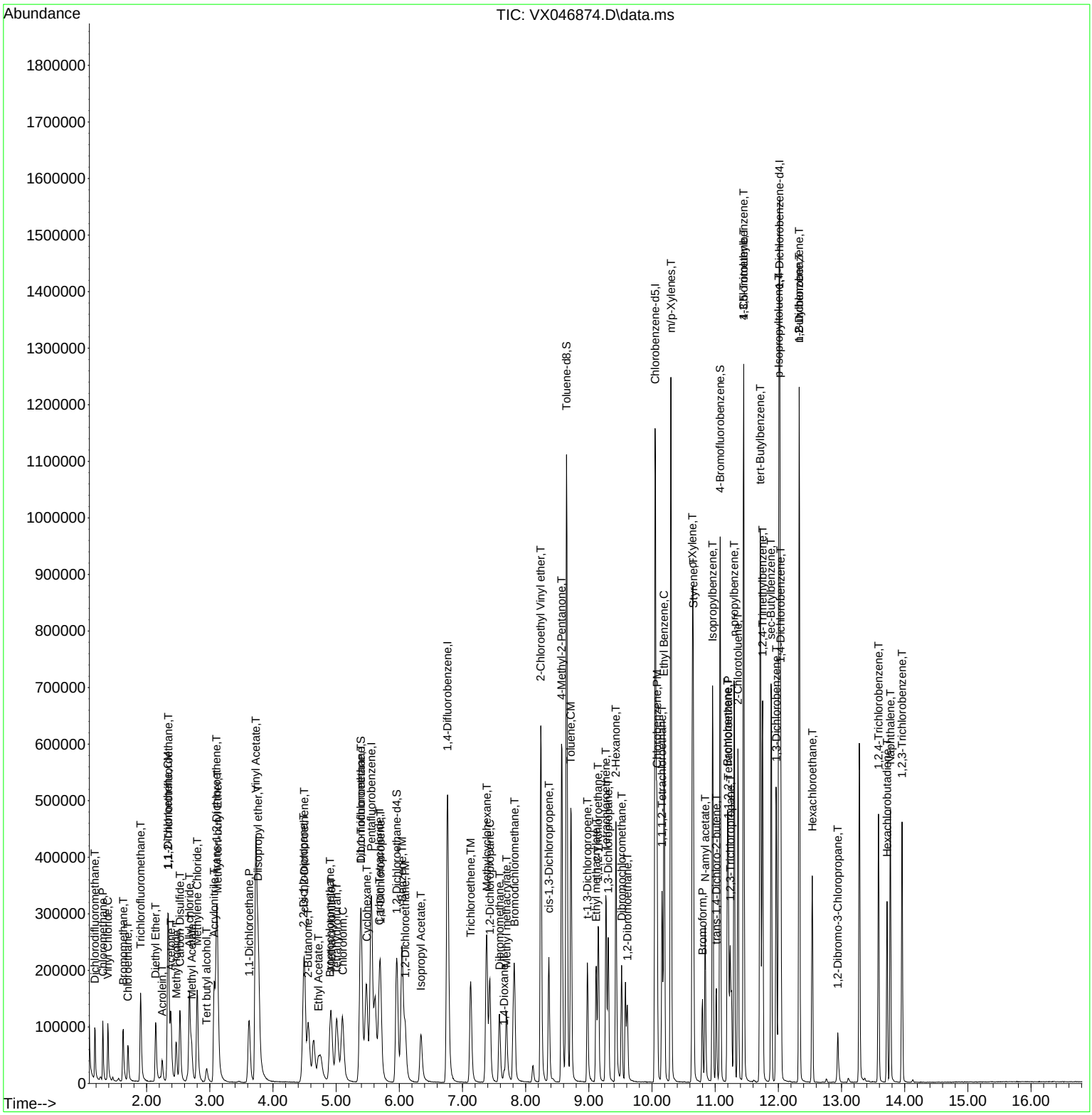
Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046869.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:13:58 AM	MMDadoda	7/7/2025 2:13:37 PM	Peak Integrated by Software
VX0703WBS01	VX046873.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:03 AM	MMDadoda	7/7/2025 2:13:38 PM	Peak Integrated by Software
VX0703WBSD01	VX046874.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:10 AM	MMDadoda	7/7/2025 2:13:40 PM	Peak Integrated by Software
Q2455-01	VX046875.D	sec-Butylbenzene	JOHN	7/7/2025 9:14:16 AM	MMDadoda	7/7/2025 2:13:41 PM	Peak Integrated by Software
Q2455-03	VX046876.D	sec-Butylbenzene	JOHN	7/7/2025 9:14:20 AM	MMDadoda	7/7/2025 2:13:43 PM	Peak Integrated by Software
VSTDCCC050	VX046890.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:17:02 AM	MMDadoda	7/7/2025 2:13:47 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046868.D	03 Jul 2025 07:52	JC/MD	Ok
2	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	JC/MD	Ok,M
3	VX0703MBL01	VX046870.D	03 Jul 2025 08:42	JC/MD	Ok
4	VX0703WBL01	VX046871.D	03 Jul 2025 09:09	JC/MD	Ok
5	Q2458-10	VX046872.D	03 Jul 2025 09:35	JC/MD	Ok
6	VX0703WBS01	VX046873.D	03 Jul 2025 09:56	JC/MD	Ok,M
7	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23	JC/MD	Ok,M
8	Q2455-01	VX046875.D	03 Jul 2025 10:44	JC/MD	Ok,M
9	Q2455-03	VX046876.D	03 Jul 2025 11:04	JC/MD	Ok,M
10	Q2455-02	VX046877.D	03 Jul 2025 11:25	JC/MD	Ok
11	Q2455-04	VX046878.D	03 Jul 2025 11:46	JC/MD	Ok
12	Q2447-07ME	VX046879.D	03 Jul 2025 12:07	JC/MD	Ok
13	VX0703MBS01	VX046880.D	03 Jul 2025 12:27	JC/MD	Ok,M
14	IBLK	VX046881.D	03 Jul 2025 12:53	JC/MD	Ok
15	Q2501-01	VX046882.D	03 Jul 2025 13:13	JC/MD	Ok
16	Q2501-02	VX046883.D	03 Jul 2025 13:34	JC/MD	Ok
17	Q2501-03	VX046884.D	03 Jul 2025 13:55	JC/MD	Ok
18	Q2501-04	VX046885.D	03 Jul 2025 14:16	JC/MD	Ok
19	Q2503-01	VX046886.D	03 Jul 2025 14:37	JC/MD	Ok
20	Q2503-02	VX046887.D	03 Jul 2025 14:58	JC/MD	Ok
21	Q2465-02	VX046888.D	03 Jul 2025 15:19	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2509-01	VX046889.D	03 Jul 2025 15:40	JC/MD	Ok
23	VSTDCCC050	VX046890.D	03 Jul 2025 16:03	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
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	VX046868.D	03 Jul 2025 07:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	pH#Lot#V12668	JC/MD	Ok,M
3	VX0703MBL01	VX0703MBL01	VX046870.D	03 Jul 2025 08:42		JC/MD	Ok
4	VX0703WBL01	VX0703WBL01	VX046871.D	03 Jul 2025 09:09		JC/MD	Ok
5	Q2458-10	FB-06272025	VX046872.D	03 Jul 2025 09:35	vial A pH<2 FB	JC/MD	Ok
6	VX0703WBS01	VX0703WBS01	VX046873.D	03 Jul 2025 09:56		JC/MD	Ok,M
7	VX0703WBSD01	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23		JC/MD	Ok,M
8	Q2455-01	MW1	VX046875.D	03 Jul 2025 10:44	vial A pH<2	JC/MD	Ok,M
9	Q2455-03	MW10	VX046876.D	03 Jul 2025 11:04	vial A pH<2	JC/MD	Ok,M
10	Q2455-02	MW3	VX046877.D	03 Jul 2025 11:25	vial A pH<2	JC/MD	Ok
11	Q2455-04	FIELD-BLANK	VX046878.D	03 Jul 2025 11:46	vial A pH<2 FB	JC/MD	Ok
12	Q2447-07ME	LAW-25-0100ME	VX046879.D	03 Jul 2025 12:07		JC/MD	Ok
13	VX0703MBS01	VX0703MBS01	VX046880.D	03 Jul 2025 12:27		JC/MD	Ok,M
14	IBLK	IBLK	VX046881.D	03 Jul 2025 12:53		JC/MD	Ok
15	Q2501-01	STORAGE-BLANK-SO	VX046882.D	03 Jul 2025 13:13	vial A pH<2	JC/MD	Ok
16	Q2501-02	STORAGE-BLANK-WA	VX046883.D	03 Jul 2025 13:34	vial A pH<2	JC/MD	Ok
17	Q2501-03	STORAGE-BLANK-WA	VX046884.D	03 Jul 2025 13:55	vial A pH<2	JC/MD	Ok
18	Q2501-04	STORAGE-BLANK-SA	VX046885.D	03 Jul 2025 14:16	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2503-01	GCAP2W	VX046886.D	03 Jul 2025 14:37	vial A pH<2	JC/MD	Ok
20	Q2503-02	GCAP3W	VX046887.D	03 Jul 2025 14:58	vial A pH<2	JC/MD	Ok
21	Q2465-02	62025-B	VX046888.D	03 Jul 2025 15:19	vial A pH<2 oily dark sample	JC/MD	Ok,M
22	Q2509-01	AUD-25-0110-0111	VX046889.D	03 Jul 2025 15:40	vial A pH<2 turbid sample	JC/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VX046890.D	03 Jul 2025 16:03		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2455	**OrderDate:**	6/27/2025 1:53:00 PM
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
Q2455-01	**MW1**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-02	**MW3**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-03	**MW10**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-04	**FIELD-BLANK**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.
QUOTE NO. Q2455
COC Number 2036082

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: M2 Associates Inc.
ADDRESS: 56 Country Acres Dr
CITY Hampton STATE: NJ ZIP: 08827
ATTENTION: Matt Mallon
PHONE: 908-238-0827 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 143 Red Lion Rd.
PROJECT NO.: LOCATION: Vincentown
PROJECT MANAGER: Matt Mallon
e-mail: M2-gw@Comcast.Net
PHONE: 908-238-0827 FAX:

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 DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 VOCs + MTBE + BA

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A									← Specify Preservatives
1.	MW1	H2O		✓	6-27	11:40	2	X									A-HCl D-NaOH
2.	MW3			✓	6-27	12:00	2	X									B-HN03 E-ICE
3.	MW10			✓	6-27	11:30	2	X									C-H2SO4 F-OTHER
4.	Field Blank			✓	6-27	11:30	2	X									
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	6/27 13:40	1.
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.8 °C
Comments: IR Gun #1

Page ____ of ____

CLIENT: ❑ Hand Delivered ❑ Other
CHEMTECH: ❑ Picked Up ❑ Field Sampling

Shipment Complete ❑ YES ❑ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2455 M2AS01
Client Name : M2 Associates
Client Contact : Matt Mulhall
Invoice Name : M2 Associates
Invoice Contact : Matt Mulhall

Order Date : 6/27/2025 1:53:00 PM
Project Name : 143 Red Lion Rd Southamp
Receive DateTime : 6/27/2025 1:40:00 PM
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
Q2455-01	MW1	Water	06/27/2025	11:40					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-02	MW3	Water	06/27/2025	12:00					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-03	MW10	Water	06/27/2025	11:30					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-04	FIELD-BLANK	Water	06/27/2025	11:30					
					VOCMS Group2		8260-Low		10 Bus. Days

Relinquished By : [signature]
Date / Time : 6/27/25 1425

Received By : Sam
Date / Time : 06/27/25 14:25 Rg 4

Storage Area : VOA Refridgerator Room