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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2233

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

Table Of Contents for Q2233

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : JACOBS Engineering Group, Inc.

Project Location : Princeton Junction

Project Number : D3868221

Laboratory Sample ID(s) : Q2233

Sampling Date(s) : 06/04/2025

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

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 : Q2233

Project ID : Former Schlumberger STC PTC Site D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q2233-01	MW-18B-56-060425
Q2233-02	MW-18B-56-060425-SIM
Q2233-03	MW-18B-56-060425-FD
Q2233-04	MW-19B-72-060425
Q2233-05	MW-19B-72-060425-SIM

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

Signature : _____

Date: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2233
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
5 Water samples were received on 06/05/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_X were done using GC colu mn DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group3 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 MW-19B-72-060425 was diluted at straight dilution after checking past history of this sample.

Samples MW-18B-56-060425, MW-18B-56-060425-FD and MW-19B-72-060425 were diluted due to high concentrations.

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

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The SIM analysis is not required for the sample MW-18B-56-060425-SIM and MW-19B-72-060425-SIM as all the SIM target analytes are detected at or above the sample adjusted CRQLs in the full scan analysis, a SIM analysis is not to be performed for that sample."

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 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 p ackage is in compliance with the te rms and conditions of the contract, both technically and for com pleteness, 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_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2233

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

QA Review Signature: SOHIL JODHANI **Date:** 06/17/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2233

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-18B-56-060425**							
Q2233-01	MW-18B-56-06042	Water	Vinyl Chloride	31.6		0.26	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	1,1-Dichloroethene	5.60		0.23	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	1,1-Dichloroethane	4.50		0.23	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	cis-1,2-Dichloroethene	410	E	0.19	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	Benzene	0.54	J	0.15	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	1,2-Dichloroethane	1.10		0.22	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	Trichloroethene	110		0.090	1.00	ug/L
Q2233-01	MW-18B-56-06042	Water	Tetrachloroethene	0.66	J	0.23	1.00	ug/L
			Total Voc :	564				
			Total Concentration:	564				
Client ID:	**MW-18B-56-060425DL**							
Q2233-01DL	MW-18B-56-06042	Water	Vinyl Chloride	33.4	D	2.60	10.0	ug/L
Q2233-01DL	MW-18B-56-06042	Water	cis-1,2-Dichloroethene	400	D	1.90	10.0	ug/L
Q2233-01DL	MW-18B-56-06042	Water	Trichloroethene	120	D	0.93	10.0	ug/L
			Total Voc :	553				
			Total Concentration:	553				
Client ID:	**MW-18B-56-060425-FD**							
Q2233-03	MW-18B-56-06042	Water	Vinyl Chloride	42.1		0.26	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	1,1-Dichloroethene	6.40		0.23	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	1,1-Dichloroethane	5.50		0.23	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	cis-1,2-Dichloroethene	570	E	0.19	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	Benzene	0.55	J	0.15	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	1,2-Dichloroethane	1.70		0.22	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	Trichloroethene	79.6		0.090	1.00	ug/L
Q2233-03	MW-18B-56-06042	Water	Tetrachloroethene	0.59	J	0.23	1.00	ug/L
			Total Voc :	706				
			Total Concentration:	706				
Client ID:	**MW-18B-56-060425-FDDL**							
Q2233-03DL	MW-18B-56-06042	Water	Vinyl Chloride	42.4	D	2.60	10.0	ug/L
Q2233-03DL	MW-18B-56-06042	Water	1,1-Dichloroethene	5.40	JD	2.30	10.0	ug/L
Q2233-03DL	MW-18B-56-06042	Water	cis-1,2-Dichloroethene	520	D	1.90	10.0	ug/L
Q2233-03DL	MW-18B-56-06042	Water	Trichloroethene	76.2	D	0.93	10.0	ug/L
			Total Voc :	644				
			Total Concentration:	644				
Client ID:	**MW-19B-72-060425**							
Q2233-04	MW-19B-72-06042	Water	Vinyl Chloride	15.0		2.60	10.0	ug/L
Q2233-04	MW-19B-72-06042	Water	1,1-Dichloroethene	34.7		2.30	10.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2233

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2233-04	MW-19B-72-06042	Water	cis-1,2-Dichloroethene	4500	E	1.90	10.0	ug/L
Q2233-04	MW-19B-72-06042	Water	Trichloroethene	3300	E	0.93	10.0	ug/L
Q2233-04	MW-19B-72-06042	Water	Tetrachloroethene	170		2.30	10.0	ug/L
			Total Voc :	8020				
			Total Concentration:	8020				
Client ID:	**MW-19B-72-060425DL**							
Q2233-04DL	MW-19B-72-06042	Water	cis-1,2-Dichloroethene	4300	D	19.0	100	ug/L
Q2233-04DL	MW-19B-72-06042	Water	Trichloroethene	3400	D	9.30	100	ug/L
Q2233-04DL	MW-19B-72-06042	Water	Tetrachloroethene	180	D	23.0	100	ug/L
			Total Voc :	7880				
			Total Concentration:	7880				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2233
Lab Sample ID:	Q2233-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046608.D	1		06/10/25 17:07	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	31.6		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	5.60		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	4.50		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	410	E	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.54	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.10		0.22	1.00	ug/L
79-01-6	Trichloroethene	110		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.66	J	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	54.1		70 (86) - 130 (113)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.562			
540-36-3	1,4-Difluorobenzene	223000	6.769			
3114-55-4	Chlorobenzene-d5	230000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	117000	12.018			

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425DL	SDG No.:	Q2233
Lab Sample ID:	Q2233-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046596.D	10		06/10/25 12:51	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	33.4	D	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	UD	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	400	D	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	UD	2.00	10.0	ug/L
71-43-2	Benzene	1.50	UD	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	UD	2.20	10.0	ug/L
79-01-6	Trichloroethene	120	D	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	UD	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	54.5		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.562			
540-36-3	1,4-Difluorobenzene	220000	6.769			
3114-55-4	Chlorobenzene-d5	226000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	112000	12.018			

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:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2233
Lab Sample ID:	Q2233-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046609.D	1		06/10/25 17:28	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	42.1		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	6.40		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	5.50		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	570	E	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.55	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.70		0.22	1.00	ug/L
79-01-6	Trichloroethene	79.6		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.59	J	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	54.9		70 (86) - 130 (113)	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		70 (77) - 130 (121)	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107000	5.568			
540-36-3	1,4-Difluorobenzene	210000	6.769			
3114-55-4	Chlorobenzene-d5	218000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	111000	12.018			

U = Not Detected
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FDDL	SDG No.:	Q2233
Lab Sample ID:	Q2233-03DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046597.D	10		06/10/25 13:13	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	42.4	D	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	5.40	JD	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	520	D	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	UD	2.00	10.0	ug/L
71-43-2	Benzene	1.50	UD	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	UD	2.20	10.0	ug/L
79-01-6	Trichloroethene	76.2	D	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	UD	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.2		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	54.8		70 (86) - 130 (113)	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.562			
540-36-3	1,4-Difluorobenzene	221000	6.769			
3114-55-4	Chlorobenzene-d5	228000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	114000	12.018			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2233
Lab Sample ID:	Q2233-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046610.D	10		06/10/25 17:50	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.0		2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	34.7		2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	4500	E	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	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	3300	E	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	170		2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	54.0		70 (86) - 130 (113)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.562			
540-36-3	1,4-Difluorobenzene	216000	6.769			
3114-55-4	Chlorobenzene-d5	223000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	113000	12.018			

U = Not Detected
LOQ = Limit of Quantitation
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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425DL	SDG No.:	Q2233
Lab Sample ID:	Q2233-04DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046598.D	100		06/10/25 13:34	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
75-35-4	1,1-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	4300	D	19.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
71-43-2	Benzene	15.0	UD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	3400	D	9.30	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
127-18-4	Tetrachloroethene	180	D	23.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3		70 (74) - 130 (125)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	54.8		70 (86) - 130 (113)	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.562			
540-36-3	1,4-Difluorobenzene	224000	6.769			
3114-55-4	Chlorobenzene-d5	231000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	116000	12.018			

U = Not Detected
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() = Laboratory InHouse Limit
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QC SUMMARY

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

SDG No.: Q2233

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2233-01	MW-18B-56-060425	1,2-Dichloroethane-d4	50	48.4	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98	70 (75)	130 (124)
		Toluene-d8	50	54.1	108	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.9	112	70 (77)	130 (121)
Q2233-01DL	MW-18B-56-060425DL	1,2-Dichloroethane-d4	50	48.5	97	70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100	70 (75)	130 (124)
		Toluene-d8	50	54.5	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.1	110	70 (77)	130 (121)
Q2233-03	MW-18B-56-060425-FD	1,2-Dichloroethane-d4	50	49.1	98	70 (74)	130 (125)
		Dibromofluoromethane	50	49.7	99	70 (75)	130 (124)
		Toluene-d8	50	54.9	110	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.5	113	70 (77)	130 (121)
Q2233-03DL	MW-18B-56-060425-FDDL	1,2-Dichloroethane-d4	50	49.2	98	70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102	70 (75)	130 (124)
		Toluene-d8	50	54.8	110	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.8	112	70 (77)	130 (121)
Q2233-04	MW-19B-72-060425	1,2-Dichloroethane-d4	50	49.6	99	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	54.0	108	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.9	112	70 (77)	130 (121)
Q2233-04DL	MW-19B-72-060425DL	1,2-Dichloroethane-d4	50	46.3	93	70 (74)	130 (125)
		Dibromofluoromethane	50	48.1	96	70 (75)	130 (124)
		Toluene-d8	50	54.8	110	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.5	109	70 (77)	130 (121)
VX0610WBL01	VX0610WBL01	1,2-Dichloroethane-d4	50	50.1	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	54.3	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.8	110	70 (77)	130 (121)
VX0610WBS01	VX0610WBS01	1,2-Dichloroethane-d4	50	47.4	95	70 (74)	130 (125)
		Dibromofluoromethane	50	53.0	106	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0610WBSD0	VX0610WBSD01	1,2-Dichloroethane-d4	50	49.3	99	70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105	70 (75)	130 (124)
		Toluene-d8	50	51.0	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2233

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046589.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0610WBS01	Vinyl chloride	20	18.7	ug/L	94			70 (65)	130 (117)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	1,1-Dichloroethane	20	20.4	ug/L	102			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	20.6	ug/L	103			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	20.6	ug/L	103			70 (80)	130 (108)	
	Benzene	20	21.0	ug/L	105			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.8	ug/L	104			70 (80)	130 (115)	
	Trichloroethene	20	20.1	ug/L	101			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	21.6	ug/L	108			70 (83)	130 (112)	
	Tetrachloroethene	20	20.3	ug/L	102			70 (67)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2233

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046590.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0610WBSD01	Vinyl chloride	20	19.1	ug/L	96	2		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	19.8	ug/L	99	3		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	20.7	ug/L	104	2		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	20.5	ug/L	103	0		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	20.9	ug/L	104	1		70 (80)	130 (108)	20 (20)
	Benzene	20	20.6	ug/L	103	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.6	ug/L	103	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.8	ug/L	99	2		70 (77)	130 (113)	20 (15)
	1,1,2-Trichloroethane	20	22.3	ug/L	112	4		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	19.8	ug/L	99	3		70 (67)	130 (123)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0610WBL01

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233

Lab File ID: VX046588.D Lab Sample ID: VX0610WBL01

Date Analyzed: 06/10/2025 Time Analyzed: 09:57

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
VX0610WBS01	VX0610WBS01	VX046589.D	06/10/2025
VX0610WBSD01	VX0610WBSD01	VX046590.D	06/10/2025
MW-18B-56-060425DL	Q2233-01DL	VX046596.D	06/10/2025
MW-18B-56-060425-FDDL	Q2233-03DL	VX046597.D	06/10/2025
MW-19B-72-060425DL	Q2233-04DL	VX046598.D	06/10/2025
MW-18B-56-060425	Q2233-01	VX046608.D	06/10/2025
MW-18B-56-060425-FD	Q2233-03	VX046609.D	06/10/2025
MW-19B-72-060425	Q2233-04	VX046610.D	06/10/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233

Lab File ID: VX046516.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

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	21
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.2
175	5.0 - 9.0% of mass 174	5 (7.7) 1
176	95.0 - 101.0% of mass 174	62.7 (96.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046518.D	06/06/2025	09:42
VSTDICC020	VSTDICC020	VX046519.D	06/06/2025	10:18
VSTDICCC050	VSTDICCC050	VX046520.D	06/06/2025	10:40
VSTDICC100	VSTDICC100	VX046521.D	06/06/2025	11:02
VSTDICC150	VSTDICC150	VX046522.D	06/06/2025	11:25
VSTDICC001	VSTDICC001	VX046524.D	06/06/2025	12:57

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233

Lab File ID: VX046585.D BFB Injection Date: 06/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:36

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	55
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	68.4 (97.6) 1
177	5.0 - 9.0% of mass 176	4.6 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046586.D	06/10/2025	09:07
VX0610WBL01	VX0610WBL01	VX046588.D	06/10/2025	09:57
VX0610WBS01	VX0610WBS01	VX046589.D	06/10/2025	10:18
VX0610WBSD01	VX0610WBSD01	VX046590.D	06/10/2025	10:44
MW-18B-56-060425DL	Q2233-01DL	VX046596.D	06/10/2025	12:51
MW-18B-56-060425-FDDL	Q2233-03DL	VX046597.D	06/10/2025	13:13
MW-19B-72-060425DL	Q2233-04DL	VX046598.D	06/10/2025	13:34
MW-18B-56-060425	Q2233-01	VX046608.D	06/10/2025	17:07
MW-18B-56-060425-FD	Q2233-03	VX046609.D	06/10/2025	17:28
MW-19B-72-060425	Q2233-04	VX046610.D	06/10/2025	17:50

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233

Lab File ID: VX046586.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:07

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	90758	5.56	150623	6.76	134767	10.06
UPPER LIMIT	181516	6.056	301246	7.263	269534	10.555
LOWER LIMIT	45379	5.056	75311.5	6.263	67383.5	9.555
EPA SAMPLE NO.						
MW-18B-56-060425	112905	5.56	222507	6.77	229917	10.06
MW-18B-56-060425DL	113282	5.56	219800	6.77	225853	10.06
MW-18B-56-060425-FD	107308	5.57	209766	6.77	218031	10.06
MW-18B-56-060425-FDDL	114089	5.56	221007	6.77	228335	10.06
MW-19B-72-060425	109464	5.56	216135	6.77	222806	10.06
MW-19B-72-060425DL	114321	5.56	223942	6.77	230937	10.06
VX0610WBL01	106110	5.56	211553	6.77	217338	10.06
VX0610WBS01	84052	5.56	143506	6.77	131426	10.06
VX0610WBSD01	79698	5.56	139229	6.77	126313	10.06

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: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233

Lab File ID: VX046586.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:07

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

	IS4 AREA #	RT #				
12 HOUR STD	66941	12.018				
UPPER LIMIT	133882	12.518				
LOWER LIMIT	33470.5	11.518				
EPA SAMPLE NO.						
MW-18B-56-060425	116937	12.02				
MW-18B-56-060425DL	112325	12.02				
MW-18B-56-060425-FD	110562	12.02				
MW-18B-56-060425-FDDL	113693	12.02				
MW-19B-72-060425	113207	12.02				
MW-19B-72-060425DL	116361	12.02				
VX0610WBL01	104374	12.02				
VX0610WBS01	68222	12.02				
VX0610WBSD01	65284	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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBL01	SDG No.:	Q2233
Lab Sample ID:	VX0610WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046588.D	1		06/10/25 09:57	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	54.3		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.562			
540-36-3	1,4-Difluorobenzene	212000	6.769			
3114-55-4	Chlorobenzene-d5	217000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	104000	12.018			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBS01	SDG No.:	Q2233
Lab Sample ID:	VX0610WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046589.D	1		06/10/25 10:18	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.4		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.6		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.6		0.20	1.00	ug/L
71-43-2	Benzene	21.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84100	5.562			
540-36-3	1,4-Difluorobenzene	144000	6.769			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	68200	12.018			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBSD01	SDG No.:	Q2233
Lab Sample ID:	VX0610WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046590.D	1		06/10/25 10:44	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.5		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.9		0.20	1.00	ug/L
71-43-2	Benzene	20.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.3		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79700	5.562			
540-36-3	1,4-Difluorobenzene	139000	6.769			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	65300	12.018			

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: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG No.: Q2233

Instrument ID: MSVOA_X Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:57

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

LAB FILE ID: RRF005 = VX046518.D RRF020 = VX046519.D RRF050 = VX046520.D
RRF100 = VX046521.D RRF150 = VX046522.D RRF001 = VX046524.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.697	0.593	0.596	0.591	0.622	0.679	0.630	7.5
1,1-Dichloroethene	0.663	0.550	0.567	0.561	0.585	0.635	0.594	7.6
1,1-Dichloroethane	1.349	1.266	1.259	1.234	1.297	1.281	1.281	3.1
cis-1,2-Dichloroethene	0.786	0.752	0.741	0.728	0.767	0.866	0.773	6.4
1,1,1-Trichloroethane	1.170	1.131	1.141	1.128	1.188	1.131	1.148	2.2
Benzene	1.597	1.503	1.427	1.380	1.442	1.522	1.479	5.3
1,2-Dichloroethane	0.646	0.641	0.610	0.586	0.602	0.606	0.615	3.8
Trichloroethene	0.385	0.356	0.351	0.332	0.354	0.476	0.376	13.8
1,1,2-Trichloroethane	0.375	0.389	0.366	0.356	0.372	0.331	0.365	5.4
Tetrachloroethene	0.347	0.324	0.310	0.301	0.314	0.410	0.334	12.1
1,2-Dichloroethane-d4	0.997	0.848	0.873	0.828	0.900		0.890	7.4
Dibromofluoromethane	0.392	0.353	0.368	0.347	0.379		0.368	5
Toluene-d8	1.362	1.159	1.188	1.132	1.220		1.212	7.4
4-Bromofluorobenzene	0.564	0.482	0.493	0.468	0.501		0.502	7.4

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG No.: Q2233

Instrument ID: MSVOA_X Calibration Date/Time: 06/10/2025 09:07

Lab File ID: VX046586.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:42 12:57

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.630	0.640		1.59	20
1,1-Dichloroethene	0.594	0.603		1.51	20
1,1-Dichloroethane	1.281	1.282	0.1	0.08	20
cis-1,2-Dichloroethene	0.773	0.814		5.3	20
1,1,1-Trichloroethane	1.148	1.224		6.62	20
Benzene	1.479	1.615		9.19	20
1,2-Dichloroethane	0.615	0.657		6.83	20
Trichloroethene	0.376	0.395		5.05	20
1,1,2-Trichloroethane	0.365	0.402		10.14	20
Tetrachloroethene	0.334	0.336		0.6	20
1,2-Dichloroethane-d4	0.890	0.757		-14.94	20
Dibromofluoromethane	0.368	0.360		-2.17	20
Toluene-d8	1.212	1.152		-4.95	20
4-Bromofluorobenzene	0.502	0.468		-6.77	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\VX061025\
Data File : VX046608.D
Acq On : 10 Jun 2025 17:07
Operator : JC/MD
Sample : Q2233-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Quant Time: Jun 11 01:51:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

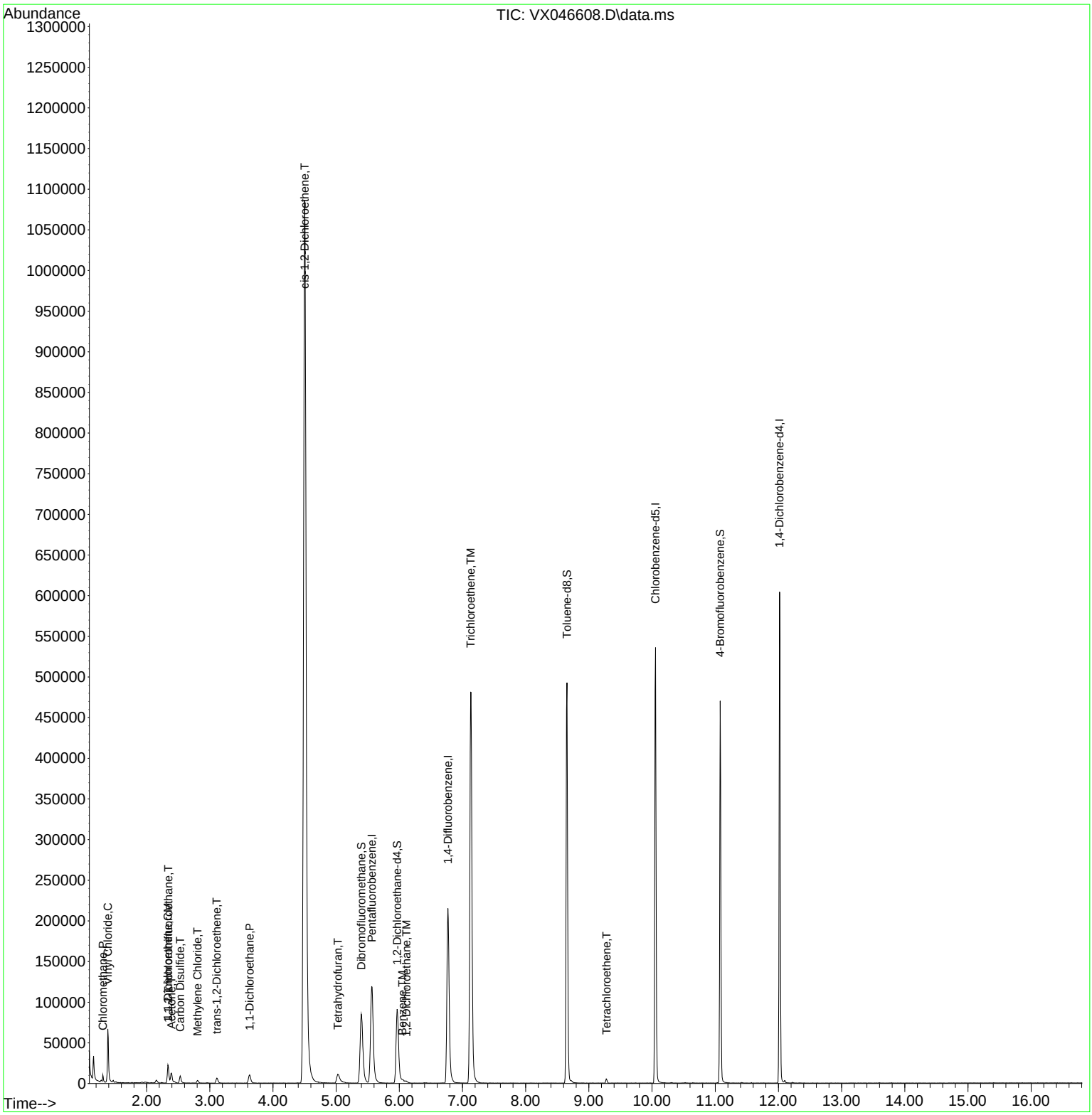
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	112905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97279	48.429	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.860%			
35) Dibromofluoromethane	5.397	113	80294	49.070	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	8.653	98	291744	54.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.160%			
62) 4-Bromofluorobenzene	11.079	95	124809	55.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.840%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	4970	3.483	ug/l	100
4) Vinyl Chloride	1.386	62	44919	31.583	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	1112	0.750	ug/l	98
12) 1,1-Dichloroethene	2.337	96	7556	5.637	ug/l	93
16) Acetone	2.392	43	15268	23.595	ug/l	94
17) Carbon Disulfide	2.532	76	9593	3.559	ug/l	97
20) Methylene Chloride	2.806	84	1536	0.953	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	2911	2.052	ug/l	90
24) 1,1-Dichloroethane	3.629	63	13107	4.531	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	722609	413.793	ug/l	86
29) Tetrahydrofuran	5.025	42	13100	18.550	ug/l	96
40) Benzene	6.050	78	3567	0.542	ug/l #	90
42) 1,2-Dichloroethane	6.111	62	2891	1.056	ug/l	94
44) Trichloroethene	7.129	130	190281	113.812	ug/l	96
64) Tetrachloroethene	9.281	164	1016	0.661	ug/l	97

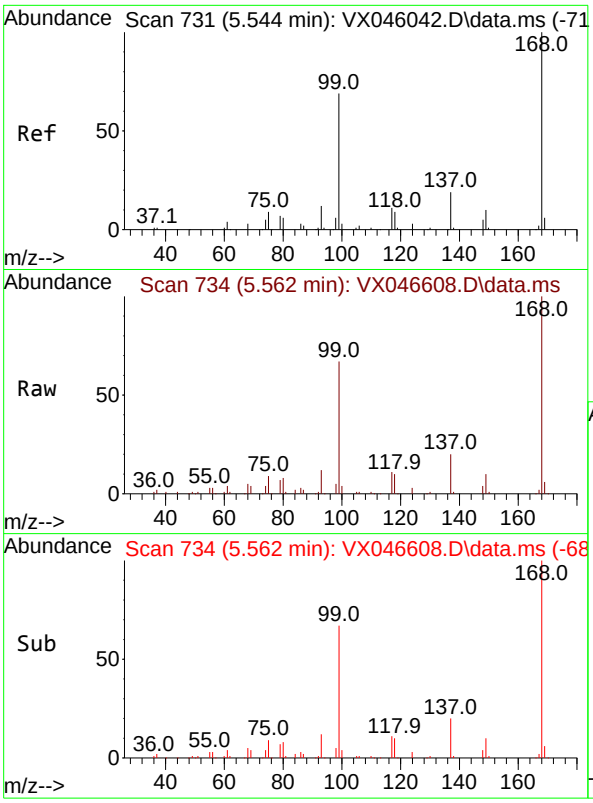
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046608.D
Acq On : 10 Jun 2025 17:07
Operator : JC/MD
Sample : Q2233-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Quant Time: Jun 11 01:51:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



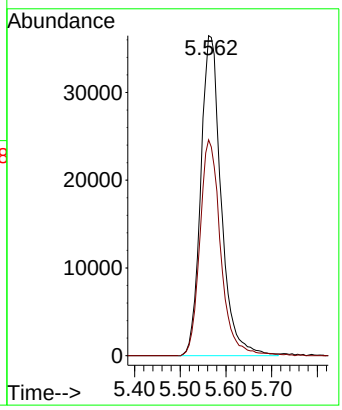


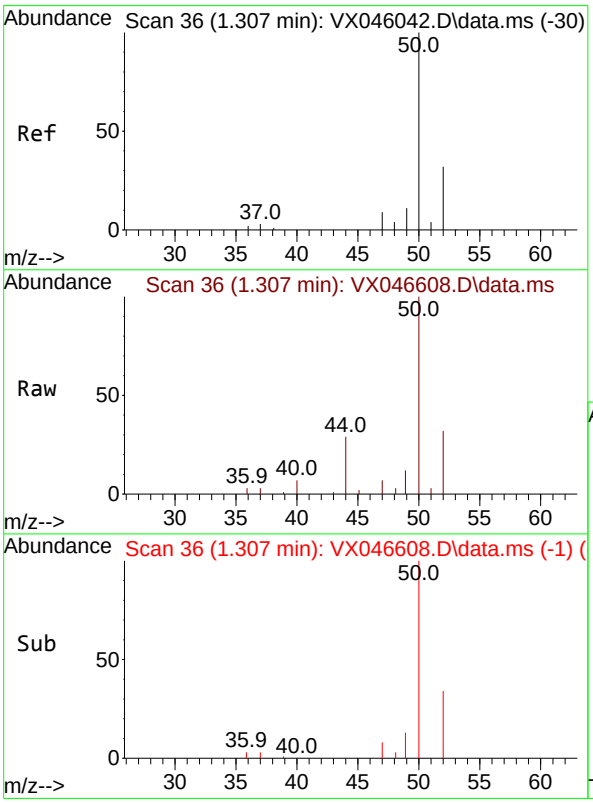
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion:168 Resp: 112905

Ion	Ratio	Lower	Upper
168	100		
99	67.5	54.9	82.3

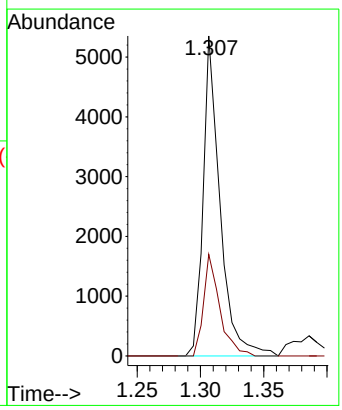


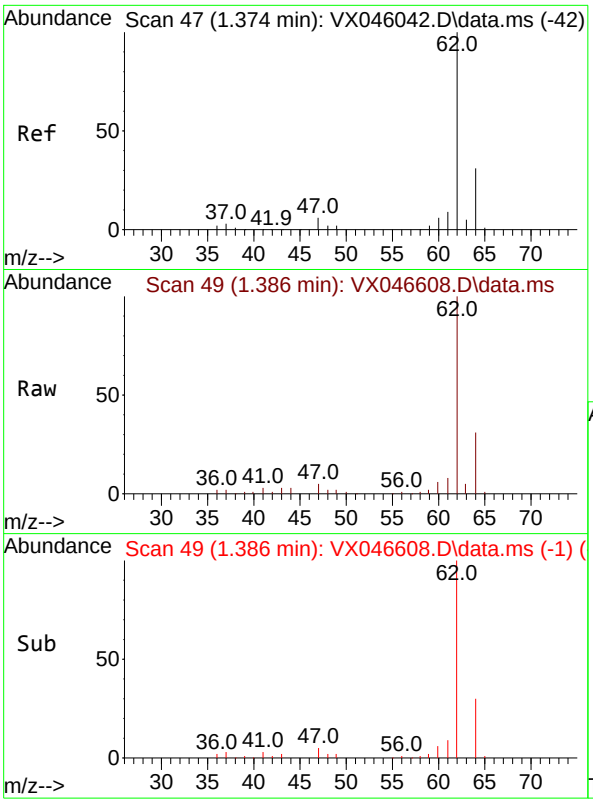


#3
Chloromethane
Concen: 3.483 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 50 Resp: 4970

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2



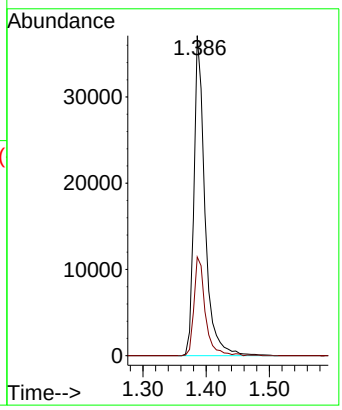


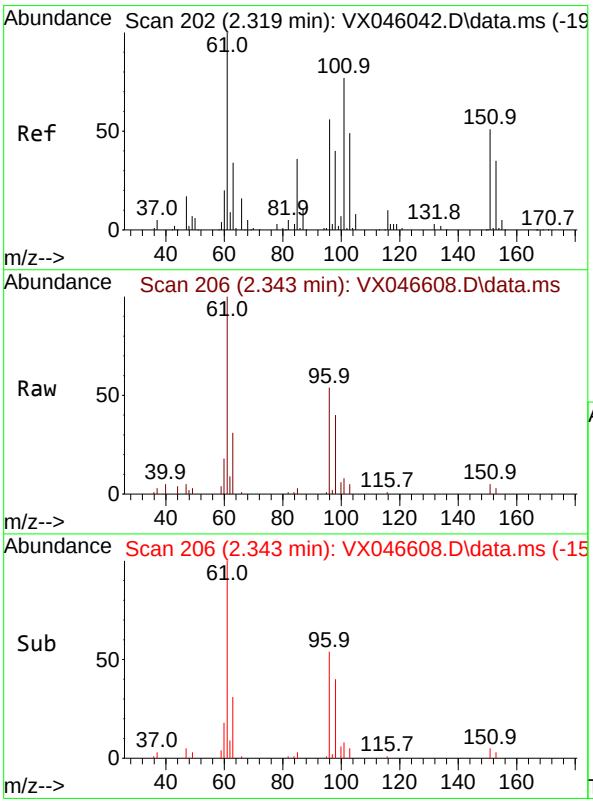
#4
Vinyl Chloride
Concen: 31.583 ug/l
RT: 1.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 62 Resp: 44919

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.2	37.8

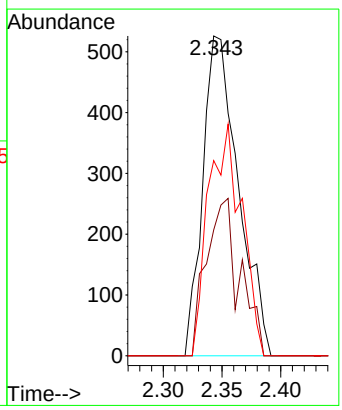


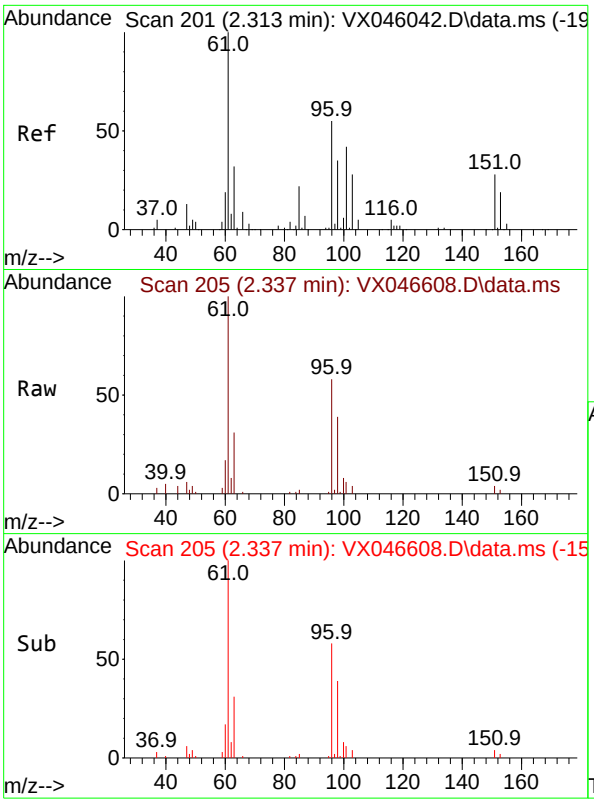


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.750 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion:101 Resp: 1112

Ion	Ratio	Lower	Upper
101	100		
85	45.9	38.6	58.0
151	67.9	55.2	82.8



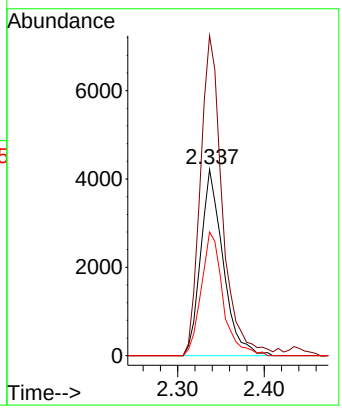


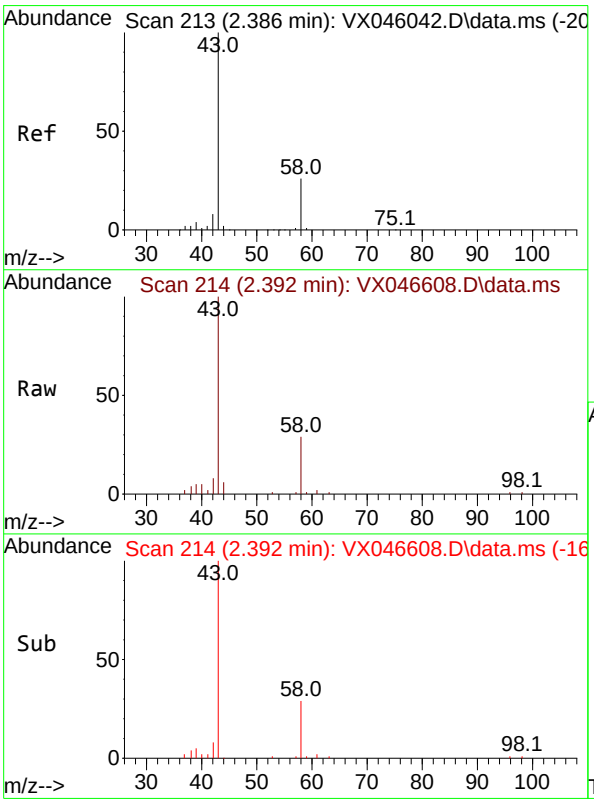
#12
1,1-Dichloroethene
Concen: 5.637 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 96 Resp: 7556

Ion	Ratio	Lower	Upper
96	100		
61	171.7	146.2	219.2
98	66.4	51.0	76.6

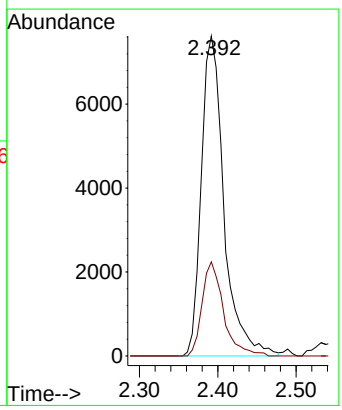


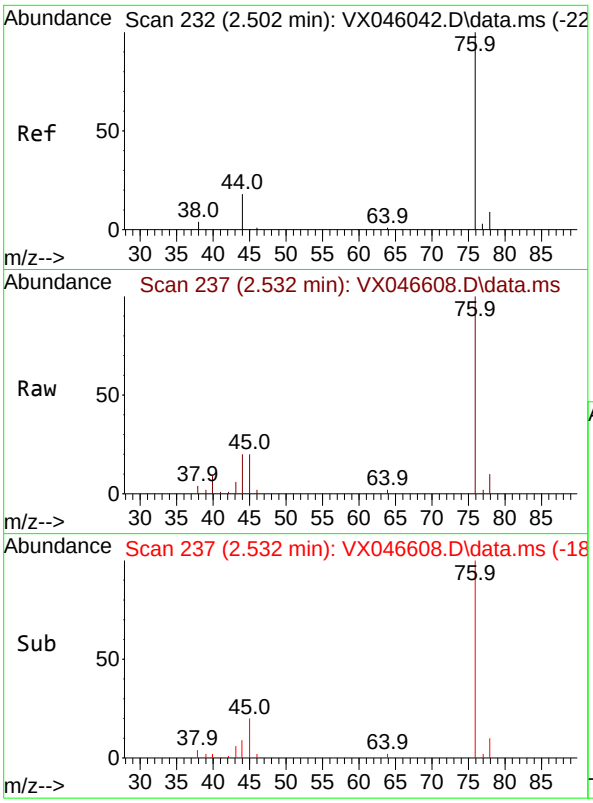


#16
Acetone
Concen: 23.595 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 43 Resp: 15268

Ion	Ratio	Lower	Upper
43	100		
58	29.4	21.2	31.8



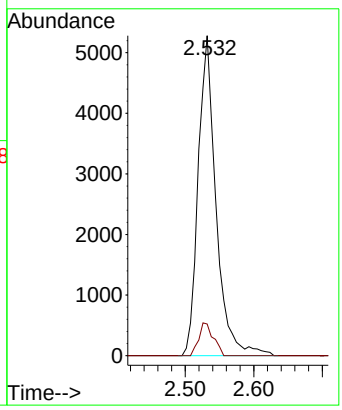


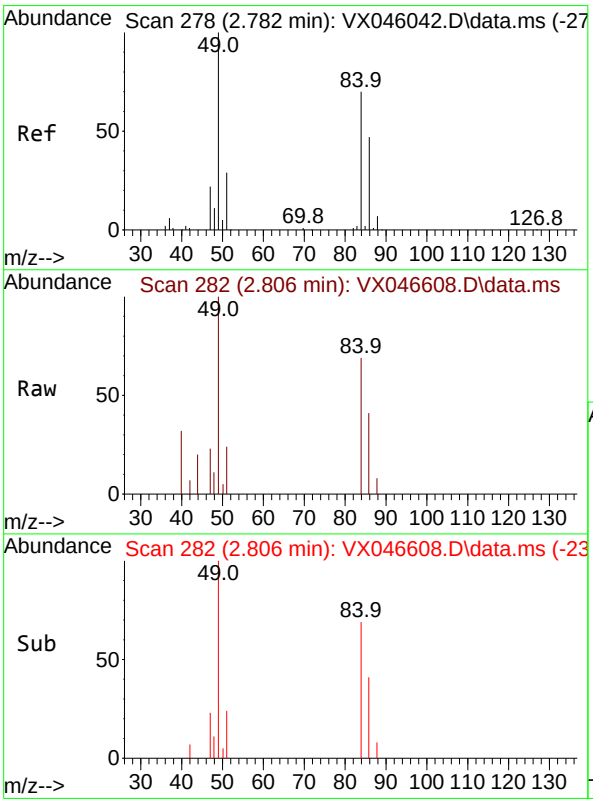
#17
Carbon Disulfide
Concen: 3.559 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 76 Resp: 9593

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.0	10.4

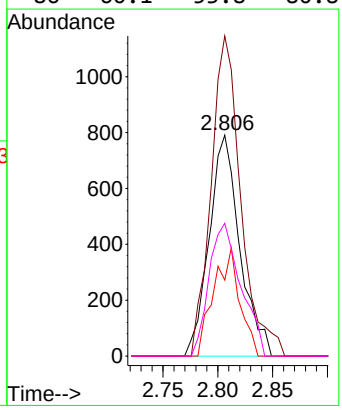


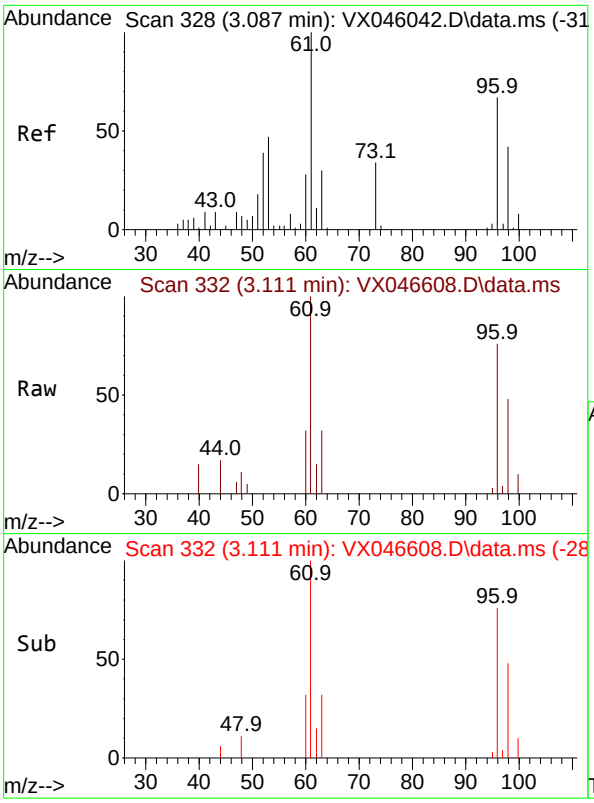


#20
Methylene Chloride
Concen: 0.953 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 84 Resp: 1536

Ion	Ratio	Lower	Upper
84	100		
49	144.9	113.9	170.9
51	34.4	33.5	50.3
86	60.1	53.8	80.8



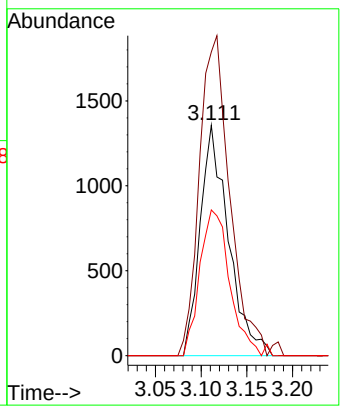


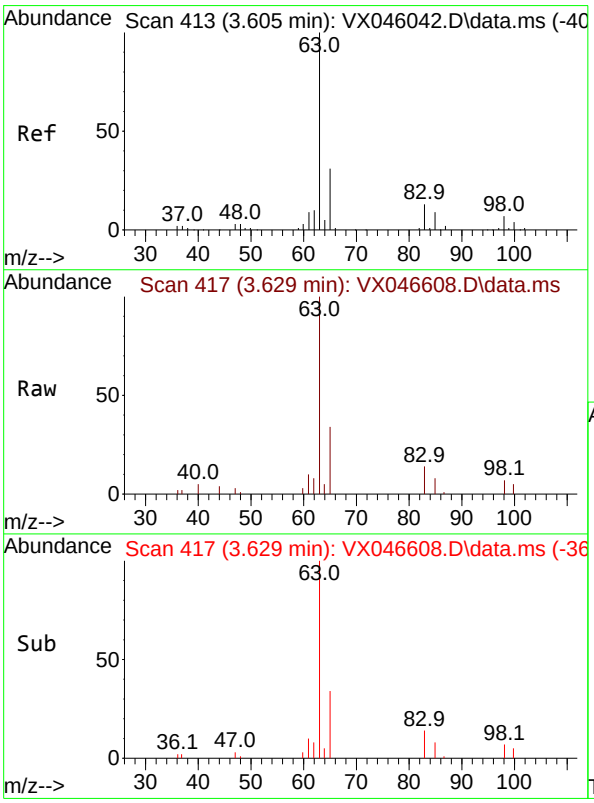
#21
trans-1,2-Dichloroethene
Concen: 2.052 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 96 Resp: 2911

Ion	Ratio	Lower	Upper
96	100		
61	131.9	119.5	179.3
98	63.3	50.0	75.0

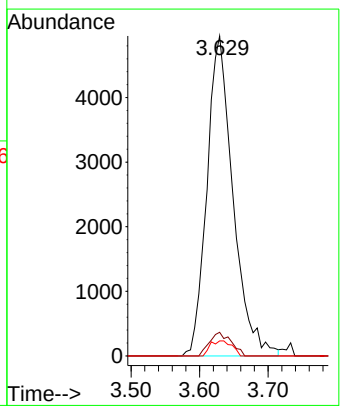


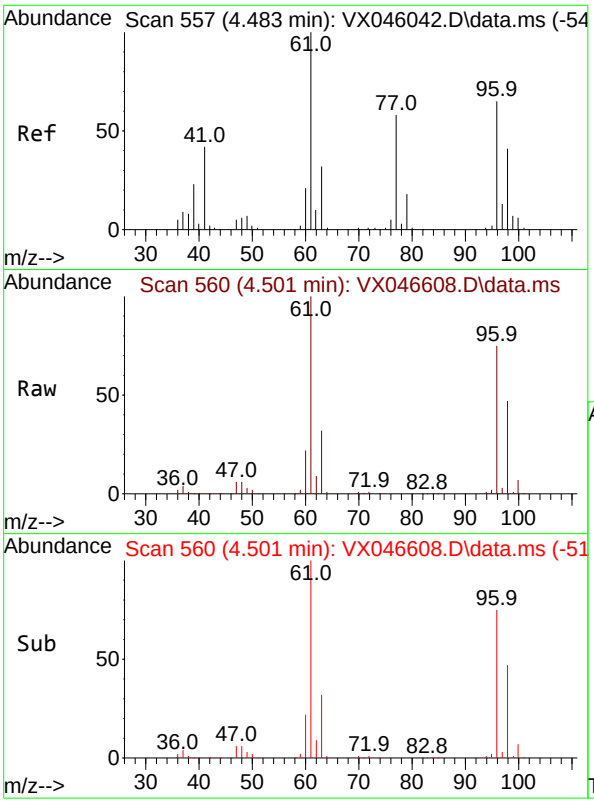


#24
1,1-Dichloroethane
Concen: 4.531 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 63 Resp: 13107

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	4.7	2.1	6.3



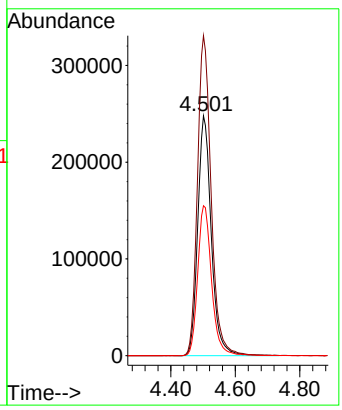


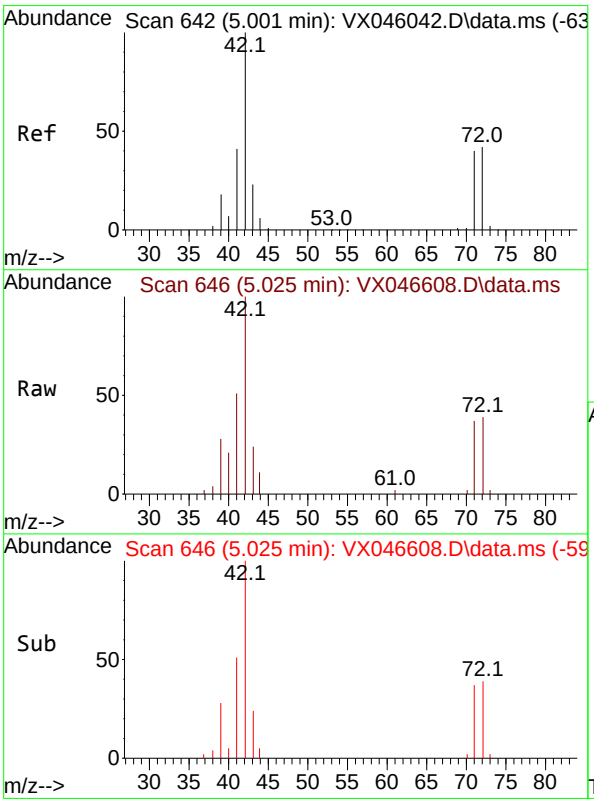
#27
cis-1,2-Dichloroethene
Concen: 413.793 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 96 Resp: 722609

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	322.8
98	64.1	0.0	129.0

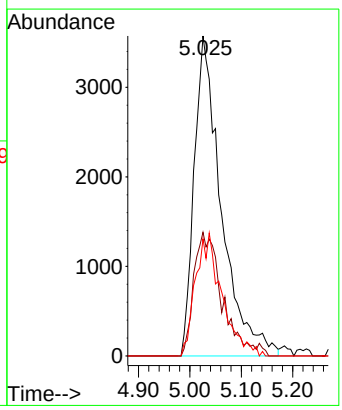


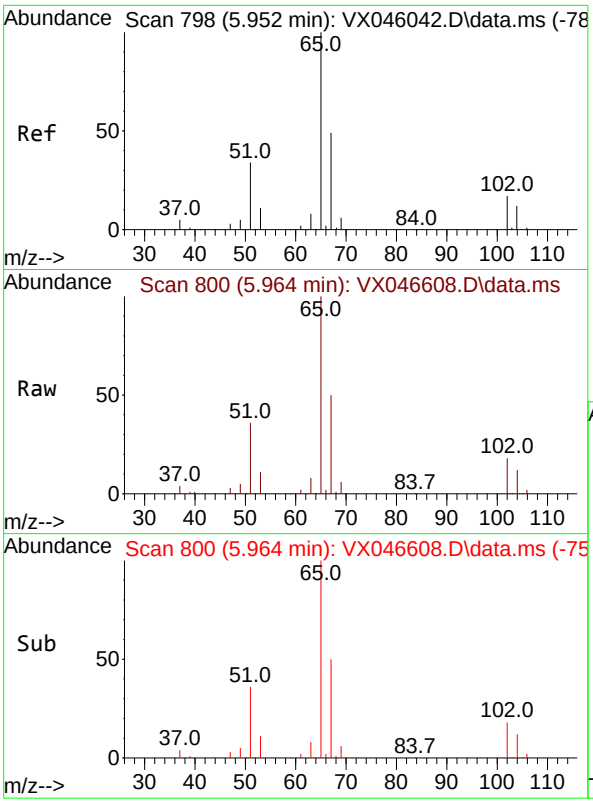


#29
Tetrahydrofuran
Concen: 18.550 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 42 Resp: 13100

Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.7	50.5
71	37.3	31.4	47.2



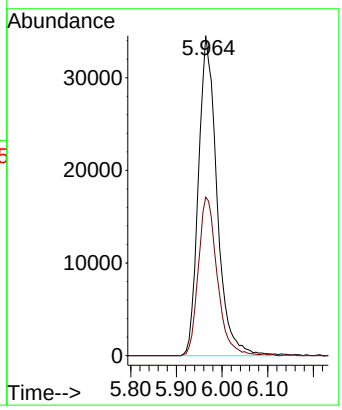


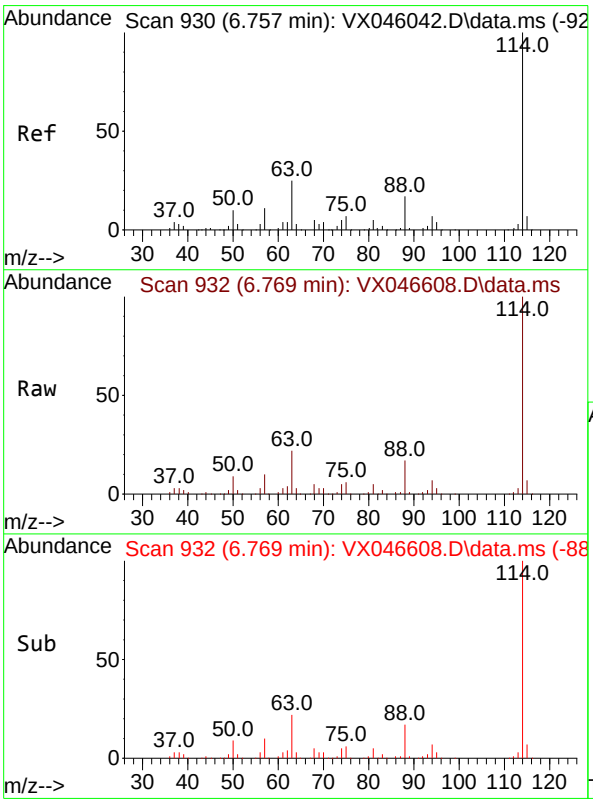
#33
1,2-Dichloroethane-d4
Concen: 48.429 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 65 Resp: 97279

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.0

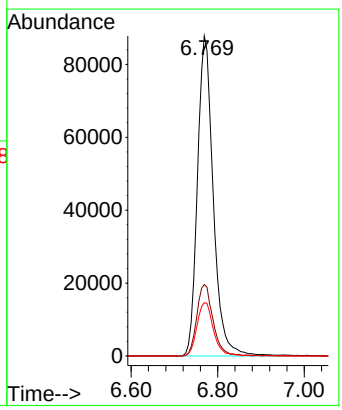


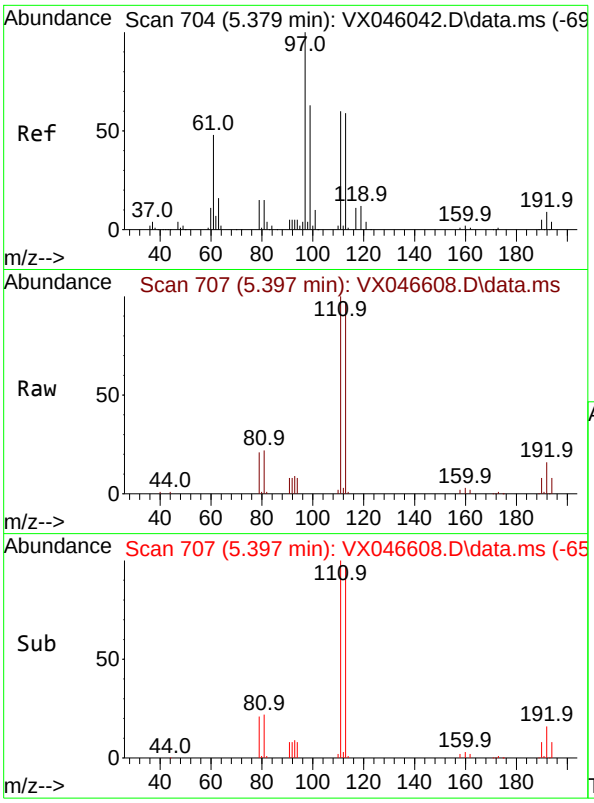


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion:114 Resp: 222507

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	49.2
88	16.6	0.0	33.6



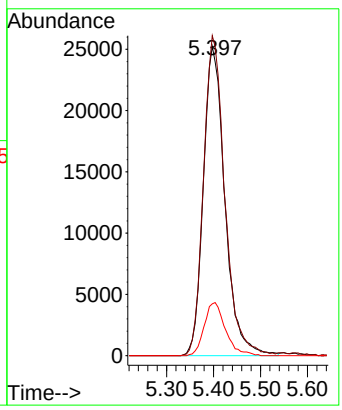


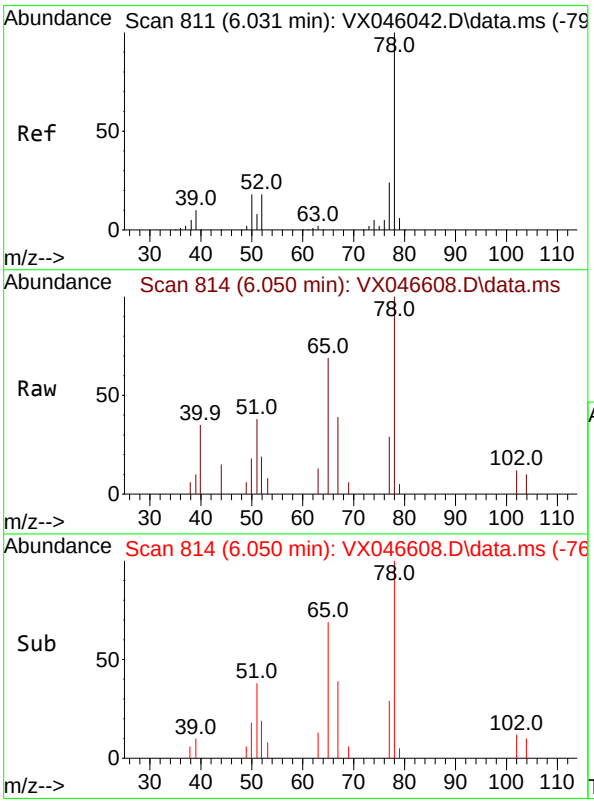
#35
Dibromofluoromethane
Concen: 49.070 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion:113 Resp: 80294

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	17.0	13.3	19.9

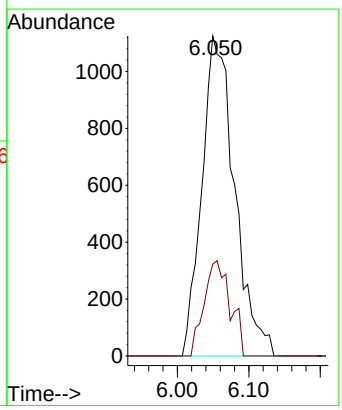


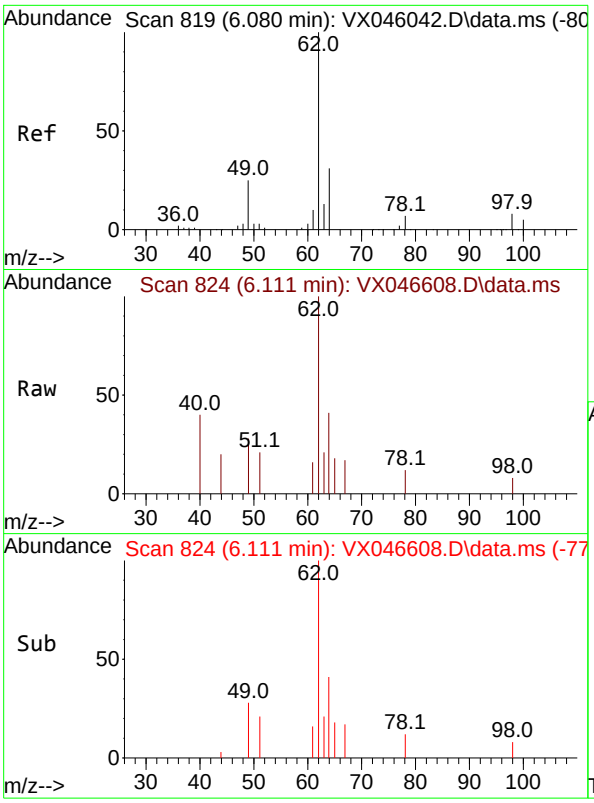


#40
Benzene
Concen: 0.542 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 78 Resp: 3567

Ion	Ratio	Lower	Upper
78	100		
77	28.7	19.0	28.4#



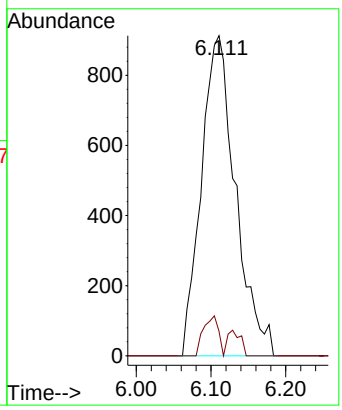


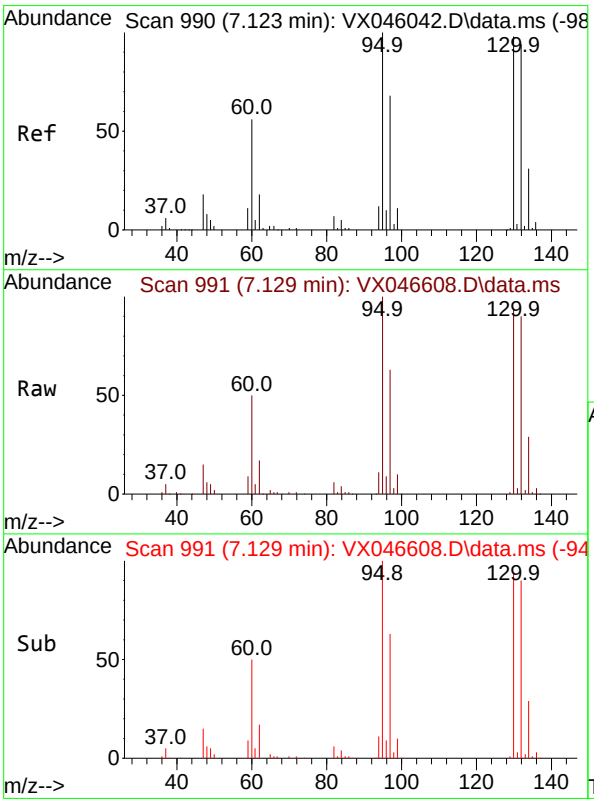
#42
1,2-Dichloroethane
Concen: 1.056 ug/l
RT: 6.111 min Scan# 8
Delta R.T. 0.013 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 62 Resp: 2891

Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	15.2

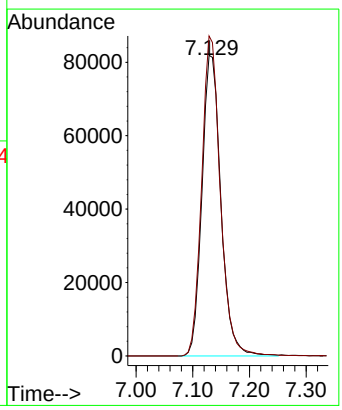


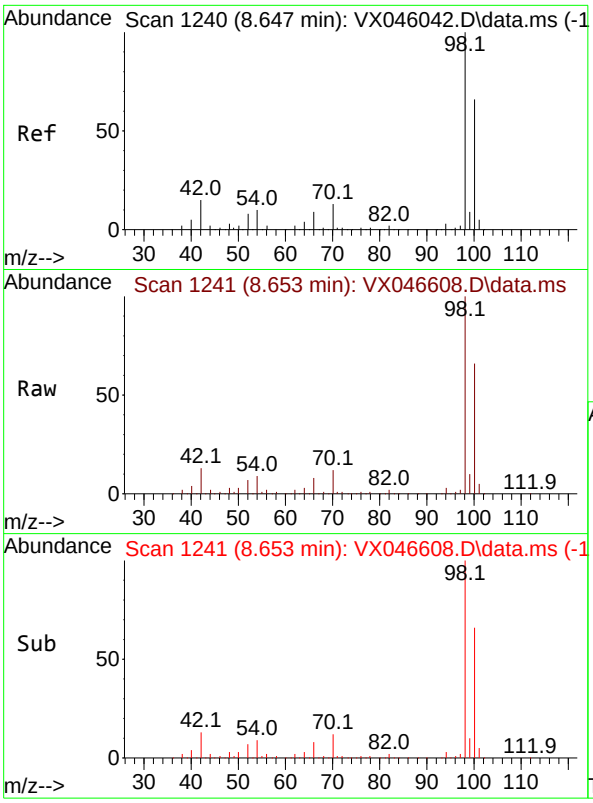


#44
Trichloroethene
Concen: 113.812 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion:130 Resp: 190281

Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	204.2



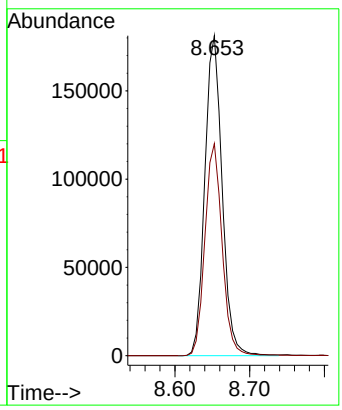


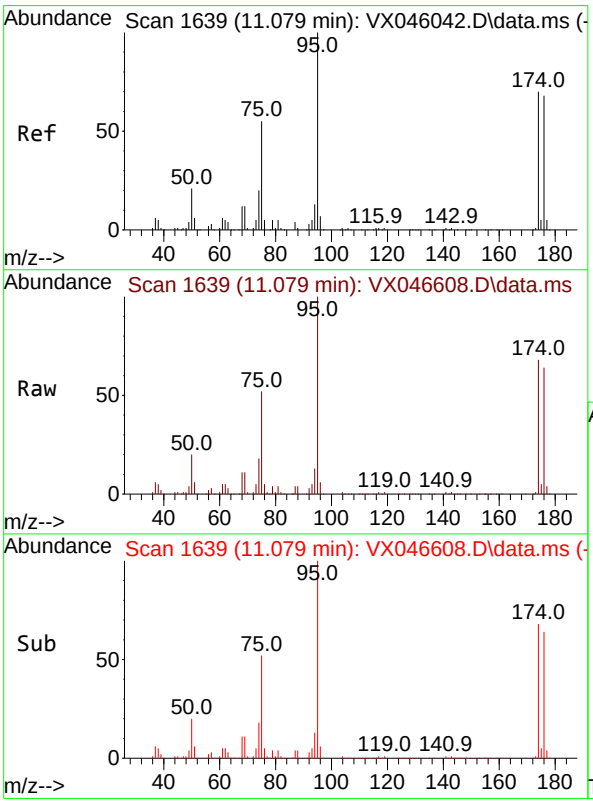
#50
Toluene-d8
Concen: 54.080 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion: 98 Resp: 291744

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.5	80.3

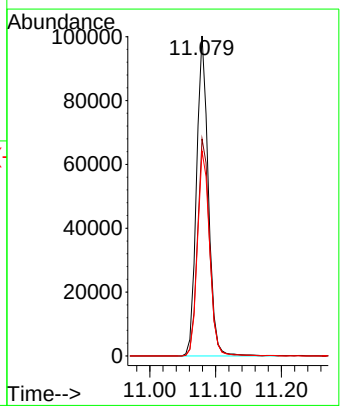


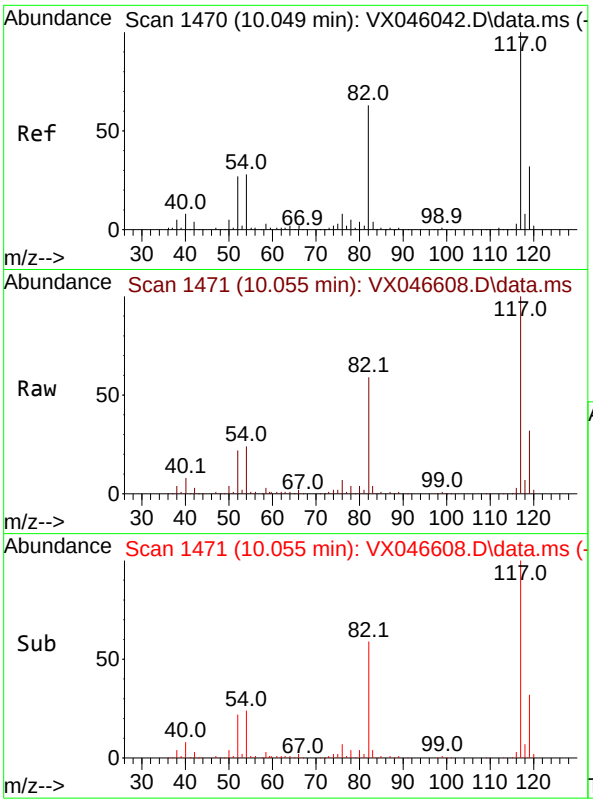


#62
4-Bromofluorobenzene
Concen: 55.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion: 95 Resp: 124809

Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	135.8
176	66.2	0.0	131.4



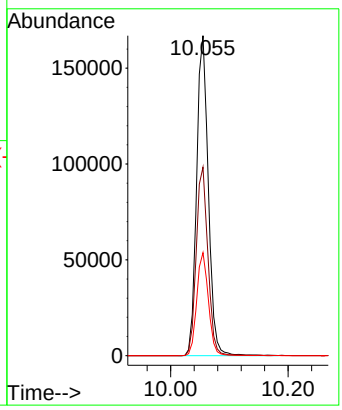


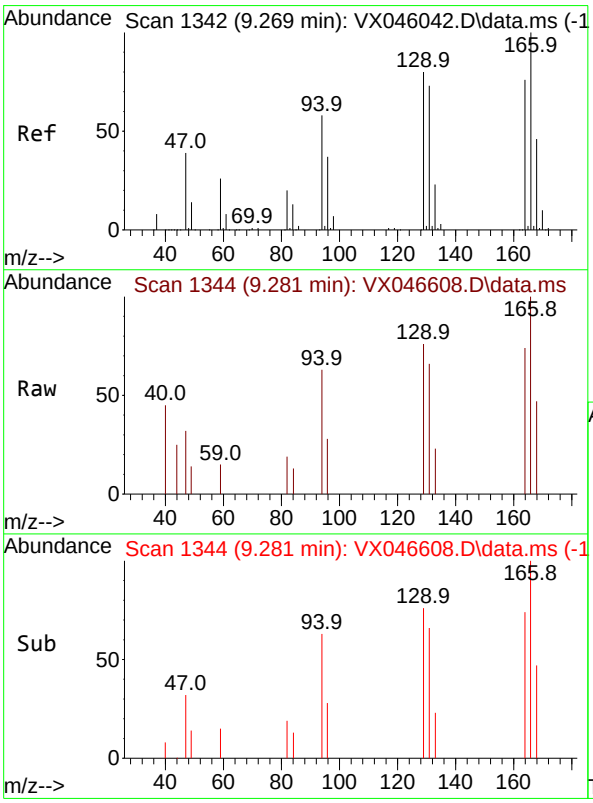
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion:117 Resp: 229917

Ion	Ratio	Lower	Upper
117	100		
82	58.9	50.6	76.0
119	32.2	25.8	38.6

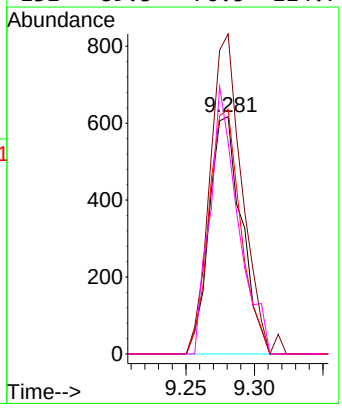


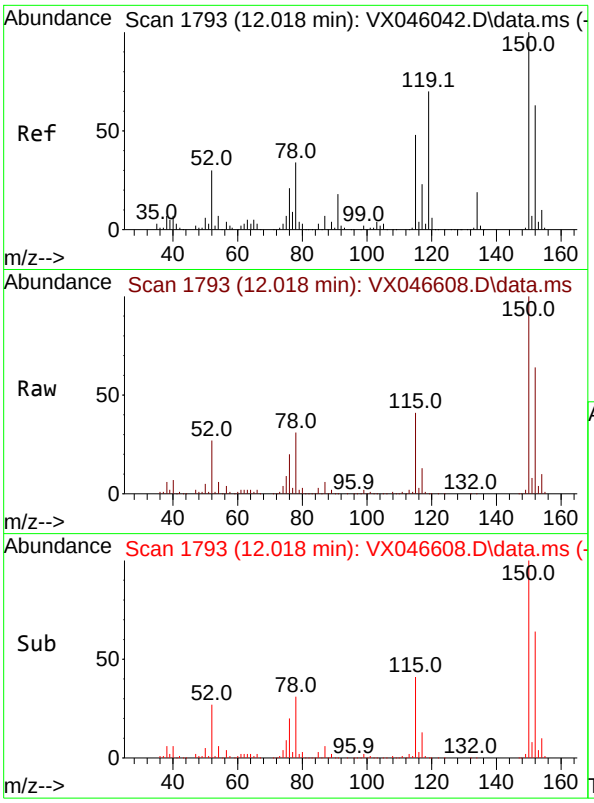


#64
Tetrachloroethene
Concen: 0.661 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Tgt Ion:164 Resp: 1016

Ion	Ratio	Lower	Upper
164	100		
166	134.8	105.0	157.6
129	103.1	83.5	125.3
131	89.3	76.5	114.7



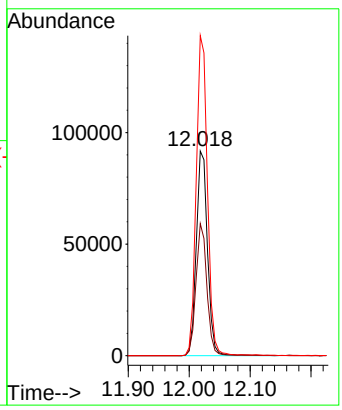


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046608.D
Acq: 10 Jun 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425

Tgt Ion:152 Resp: 116937

Ion	Ratio	Lower	Upper
152	100		
115	63.2	46.9	140.7
150	156.3	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046596.D
Acq On : 10 Jun 2025 12:51
Operator : JC/MD
Sample : Q2233-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Quant Time: Jun 11 01:46:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

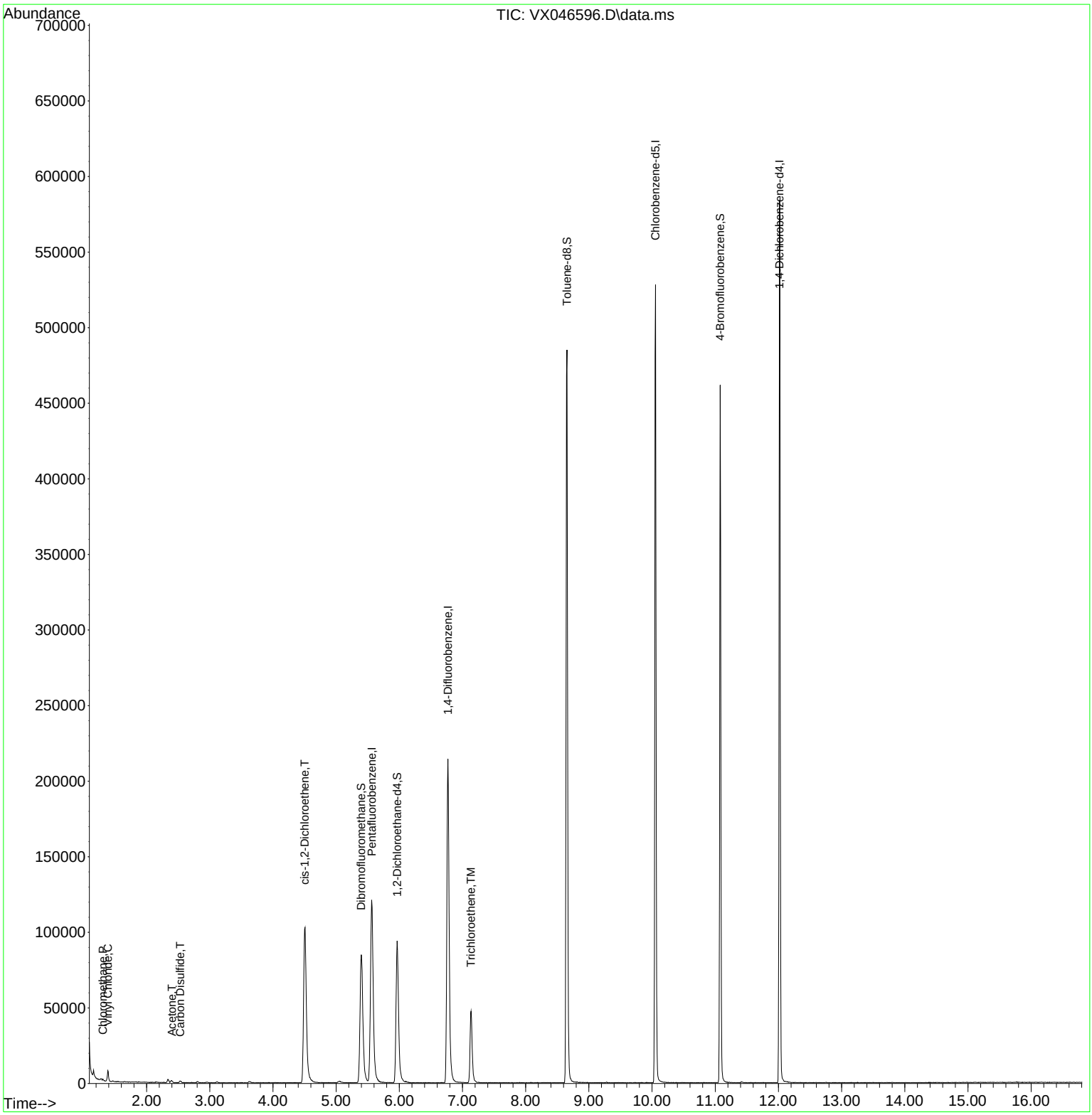
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	113282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97673	48.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.920%			
35) Dibromofluoromethane	5.397	113	80813	49.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	8.653	98	290211	54.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.920%			
62) 4-Bromofluorobenzene	11.079	95	121540	55.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.240%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	651	0.455	ug/l	99
4) Vinyl Chloride	1.386	62	4768	3.341	ug/l	97
16) Acetone	2.398	43	1914	6.968	ug/l	98
17) Carbon Disulfide	2.532	76	1157	0.606	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	70421	40.192	ug/l	86
44) Trichloroethene	7.135	130	19008	11.509	ug/l	96

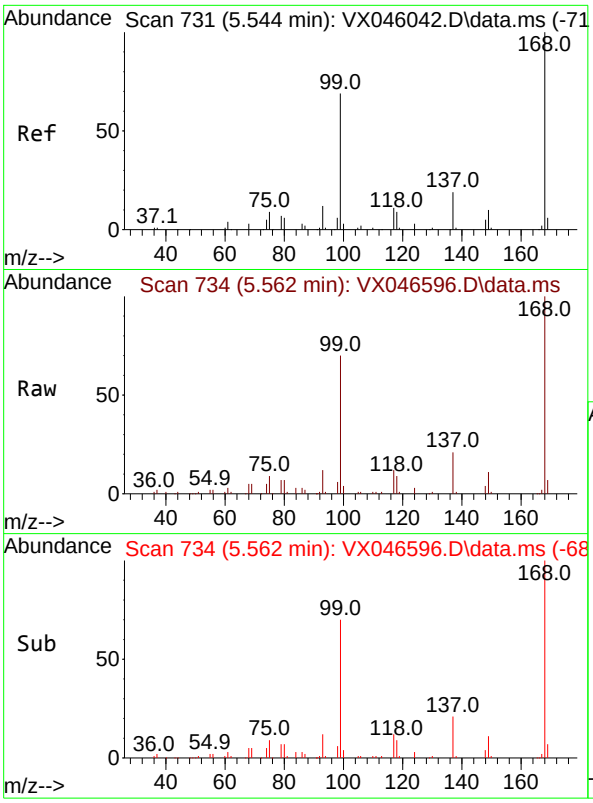
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046596.D
Acq On : 10 Jun 2025 12:51
Operator : JC/MD
Sample : Q2233-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Quant Time: Jun 11 01:46:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



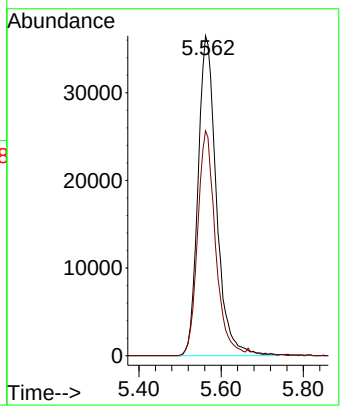


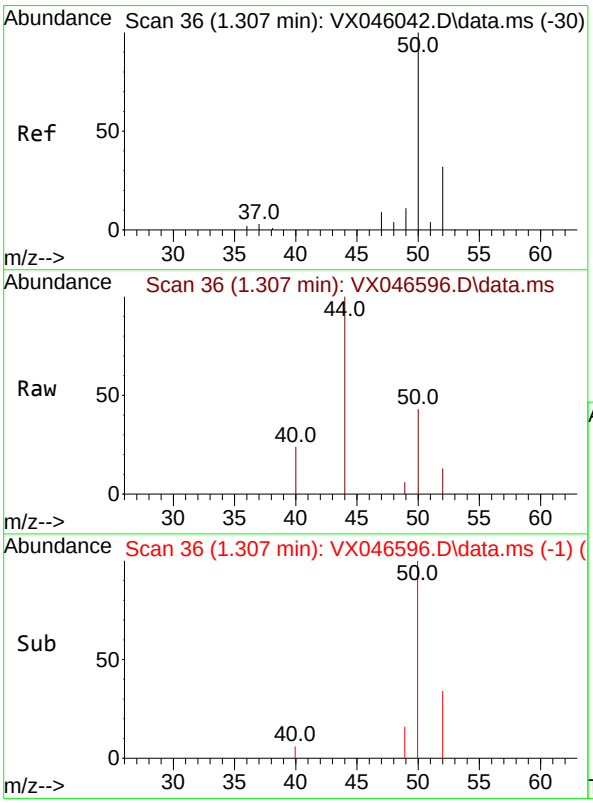
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion:168 Resp: 113282

Ion	Ratio	Lower	Upper
168	100		
99	70.3	54.9	82.3

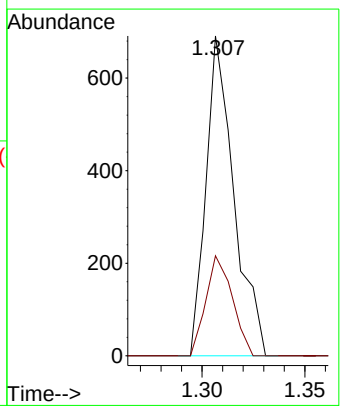


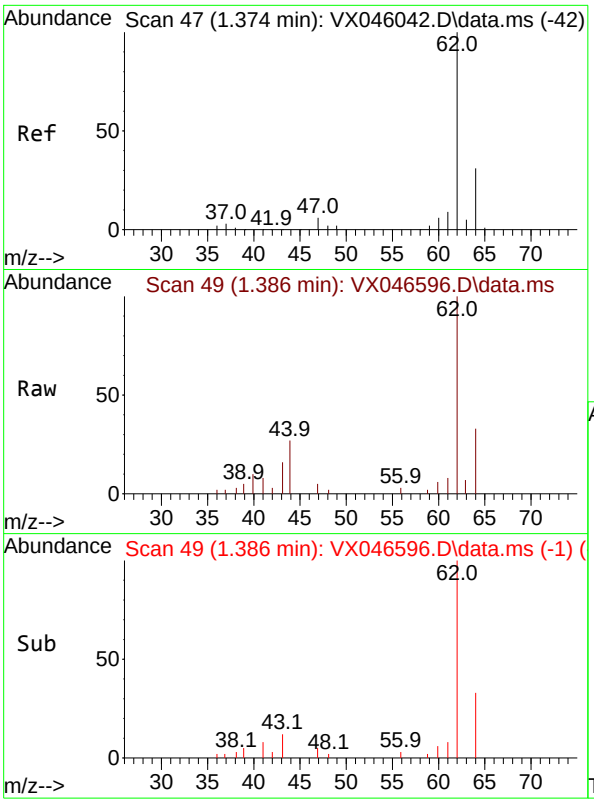


#3
Chloromethane
Concen: 0.455 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 50 Resp: 651

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.4	38.2



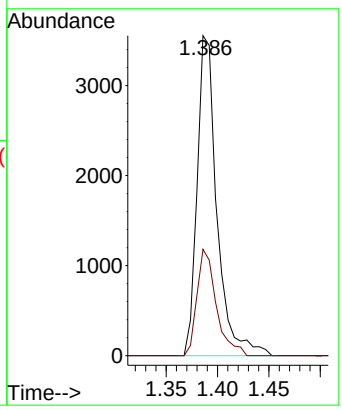


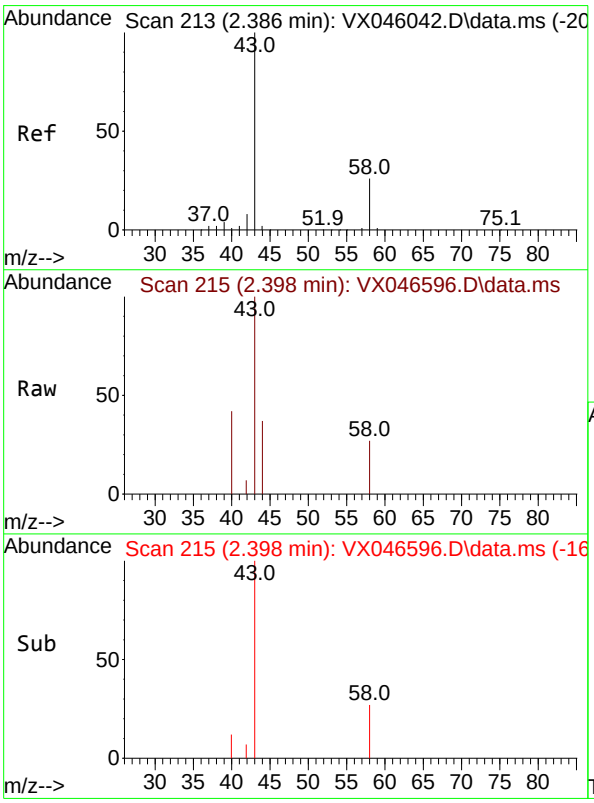
#4
Vinyl Chloride
Concen: 3.341 ug/l
RT: 1.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion: 62 Resp: 4768

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.2	37.8

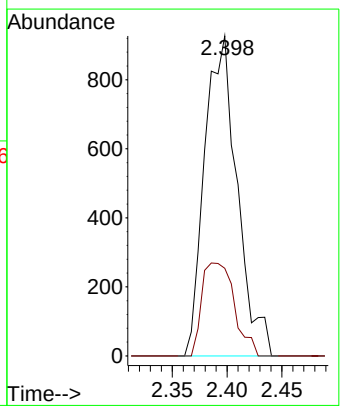


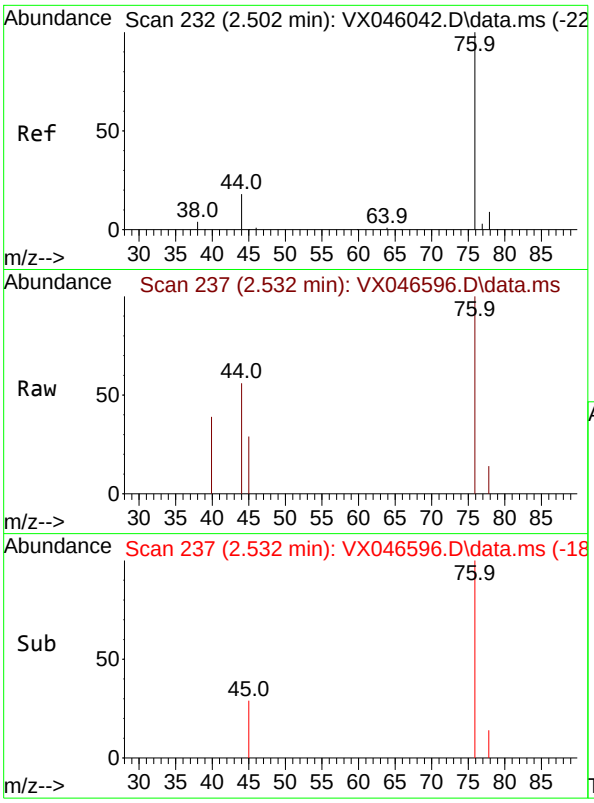


#16
Acetone
Concen: 6.968 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 43 Resp: 1914

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.2	31.8



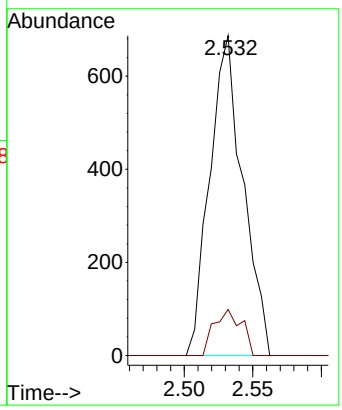


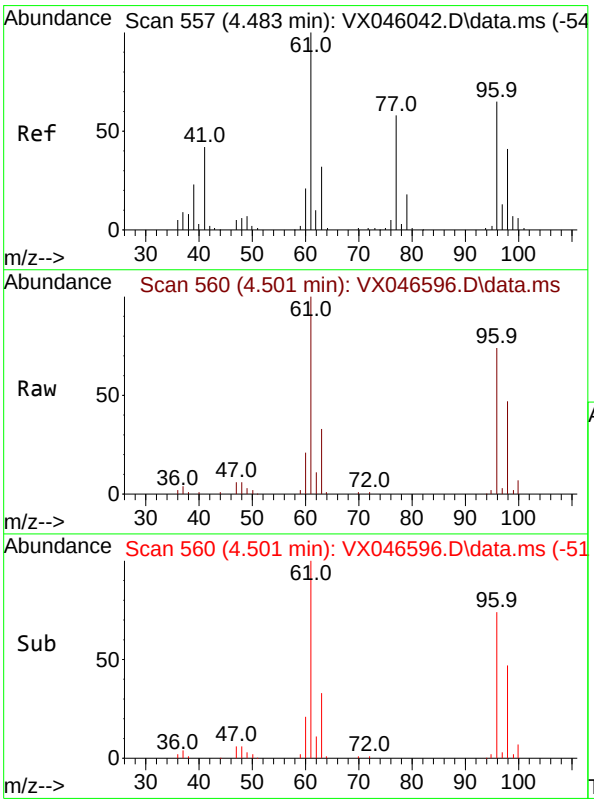
#17
Carbon Disulfide
Concen: 0.606 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion: 76 Resp: 1157

Ion	Ratio	Lower	Upper
76	100		
78	14.4	7.0	10.4#

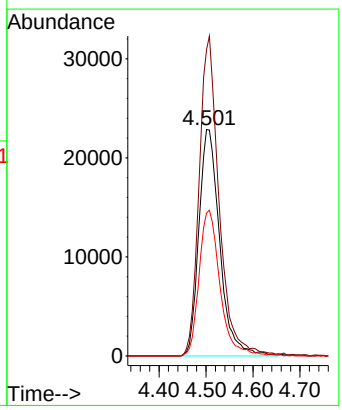


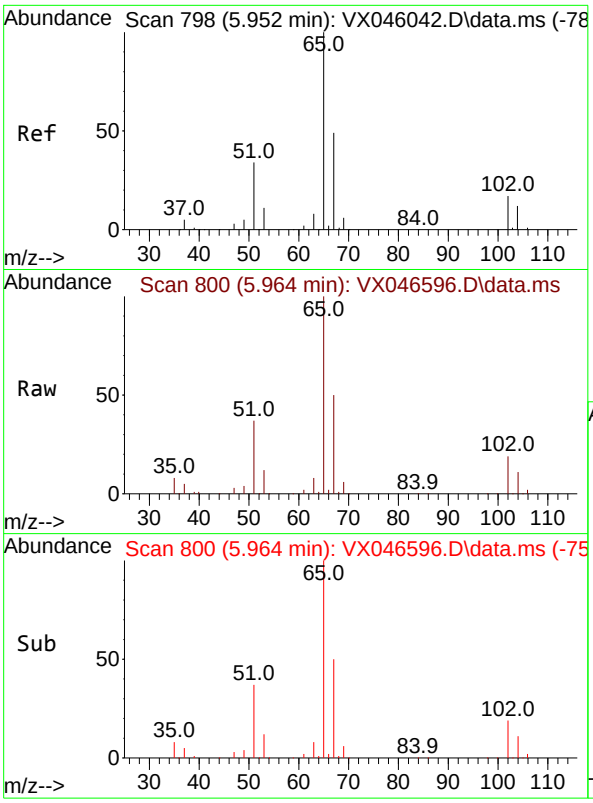


#27
cis-1,2-Dichloroethene
Concen: 40.192 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 96 Resp: 70421

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	322.8
98	64.1	0.0	129.0



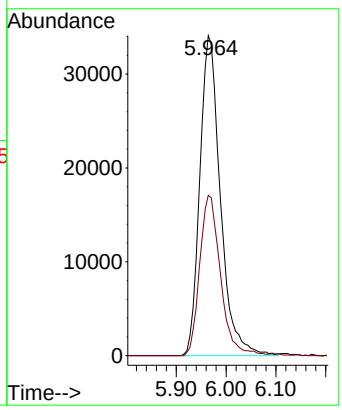


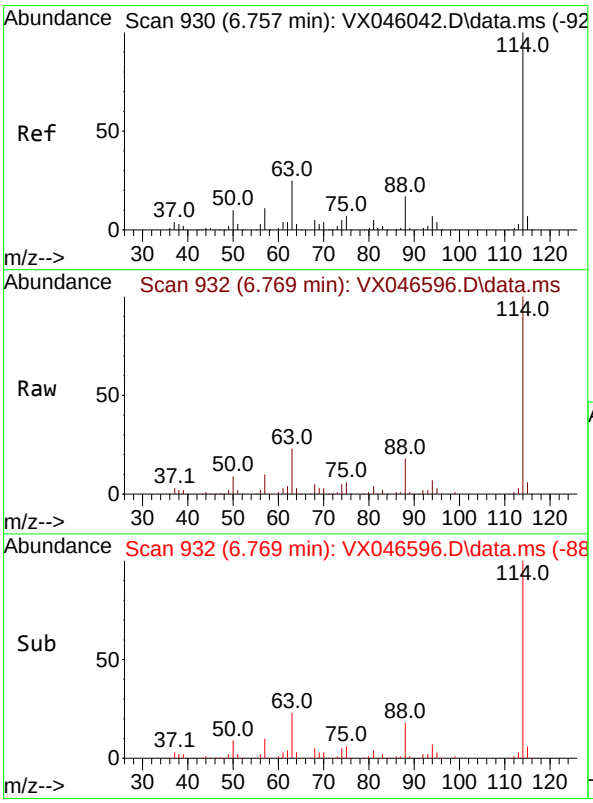
#33
1,2-Dichloroethane-d4
Concen: 48.463 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion: 65 Resp: 97673

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	99.0

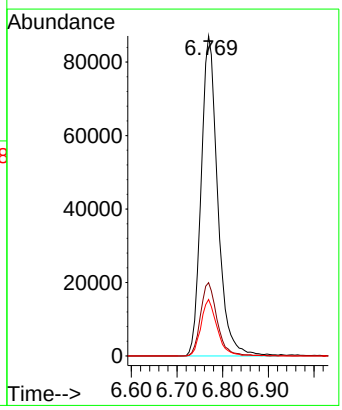


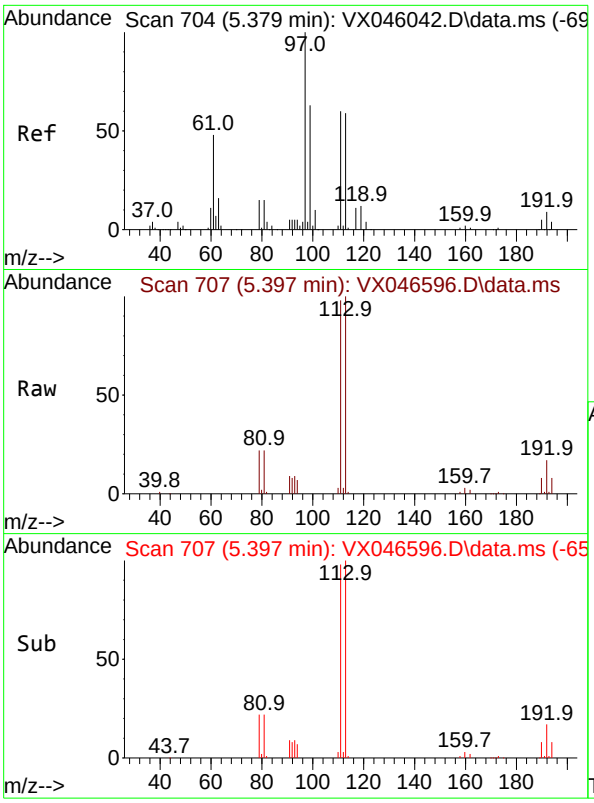


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion:114 Resp: 219800

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	49.2
88	17.7	0.0	33.6



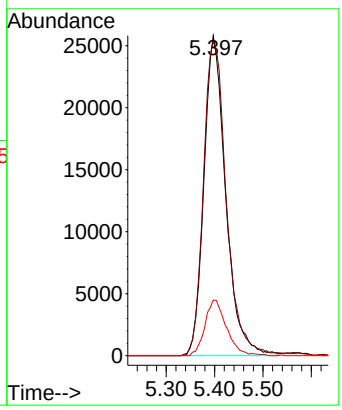


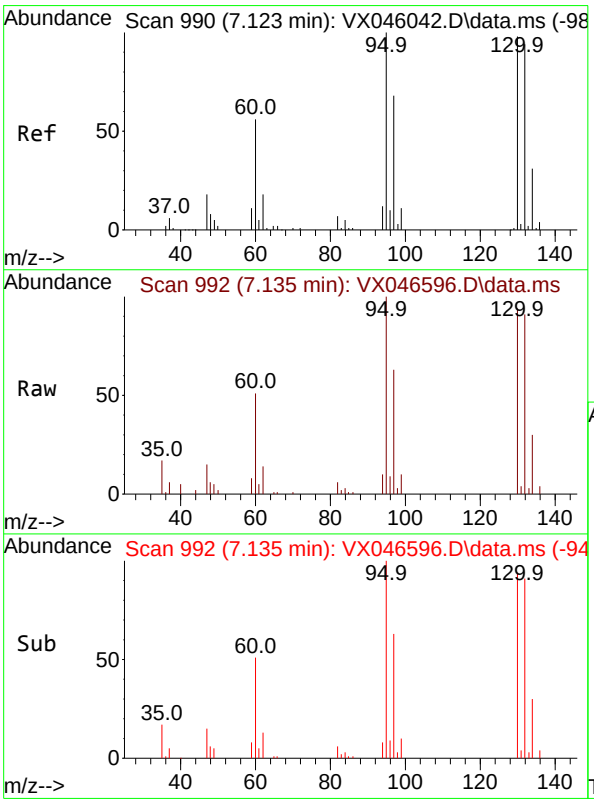
#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion:113 Resp: 80813

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.1	124.7
192	17.2	13.3	19.9

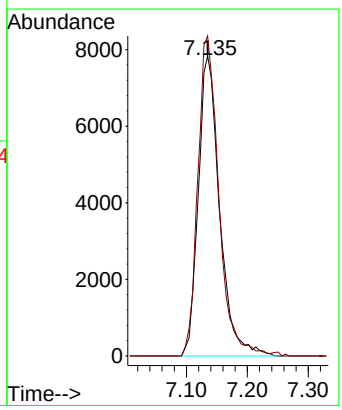


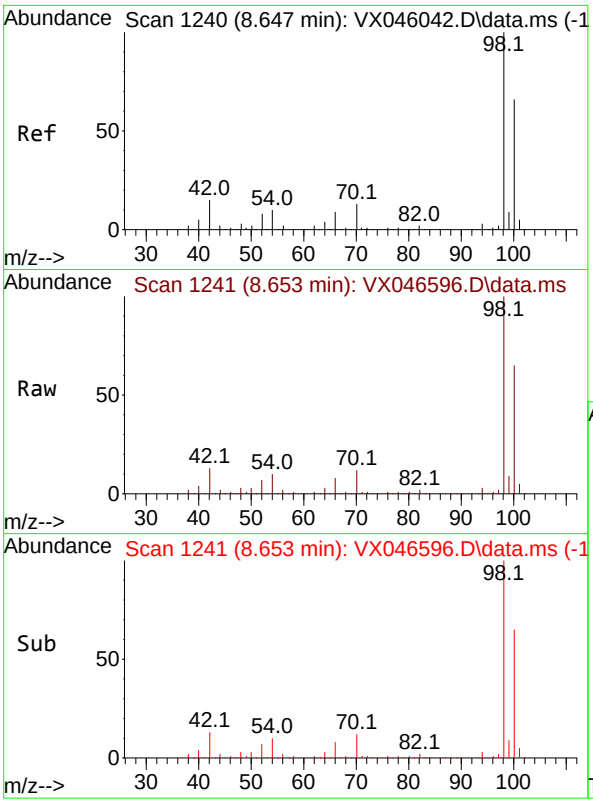


#44
Trichloroethene
Concen: 11.509 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion:130 Resp: 19008

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	204.2



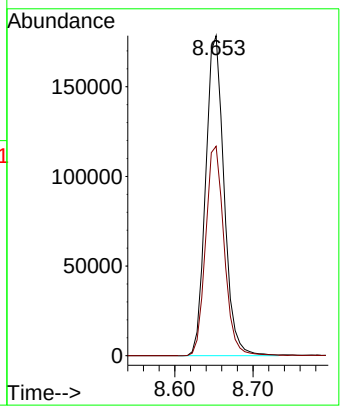


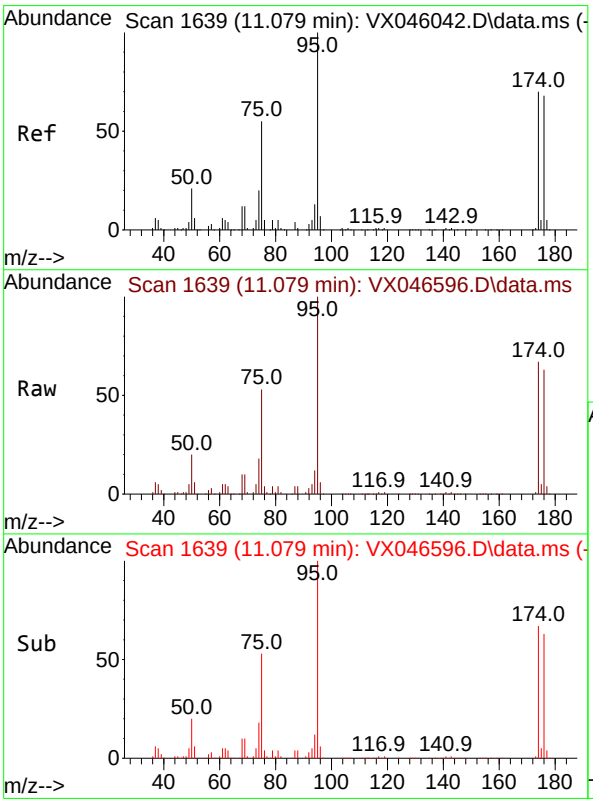
#50
Toluene-d8
Concen: 54.458 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion: 98 Resp: 290211

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3

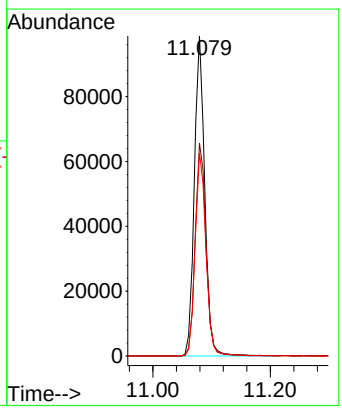


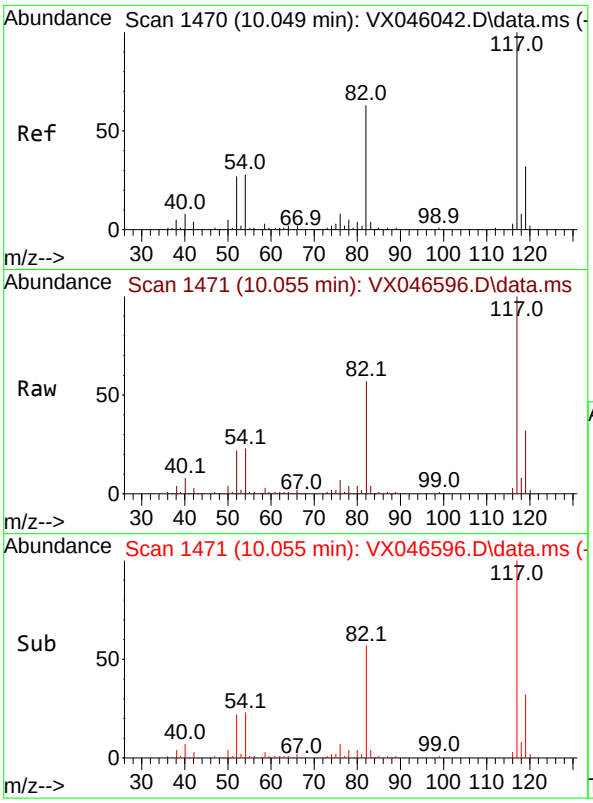


#62
4-Bromofluorobenzene
Concen: 55.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 95 Resp: 121540

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	135.8
176	65.6	0.0	131.4



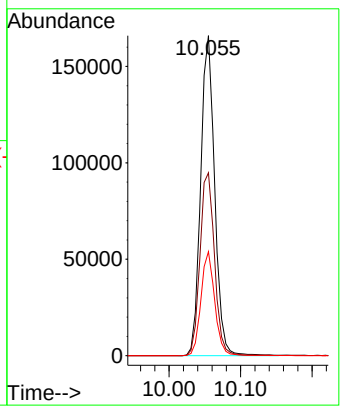


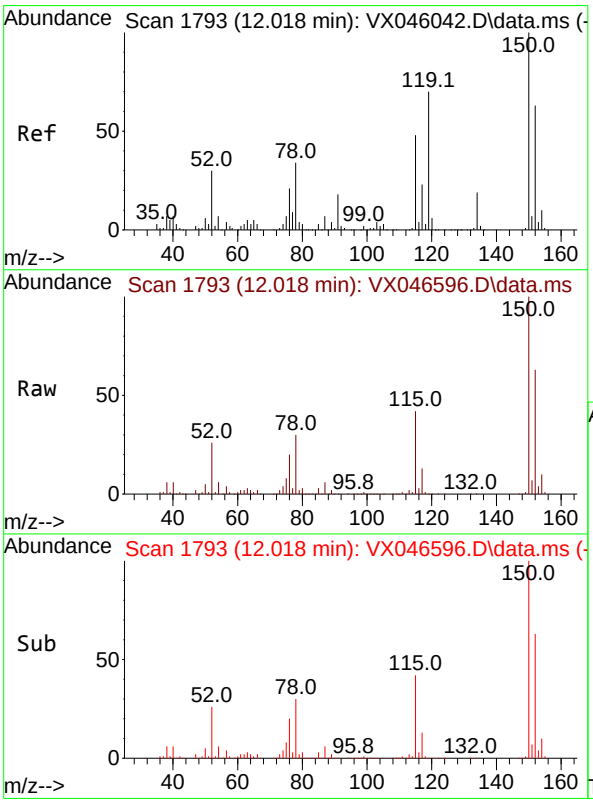
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion:117 Resp: 225853

Ion	Ratio	Lower	Upper
117	100		
82	57.2	50.6	76.0
119	32.5	25.8	38.6

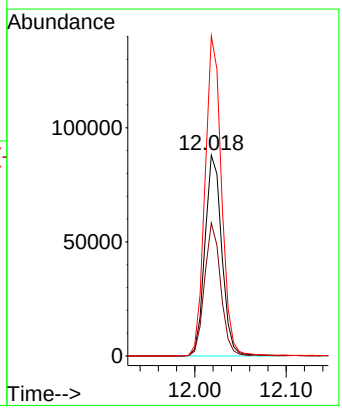




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion:152 Resp: 112325

Ion	Ratio	Lower	Upper
152	100		
115	63.5	46.9	140.7
150	156.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046609.D
Acq On : 10 Jun 2025 17:28
Operator : JC/MD
Sample : Q2233-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Quant Time: Jun 11 01:52:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

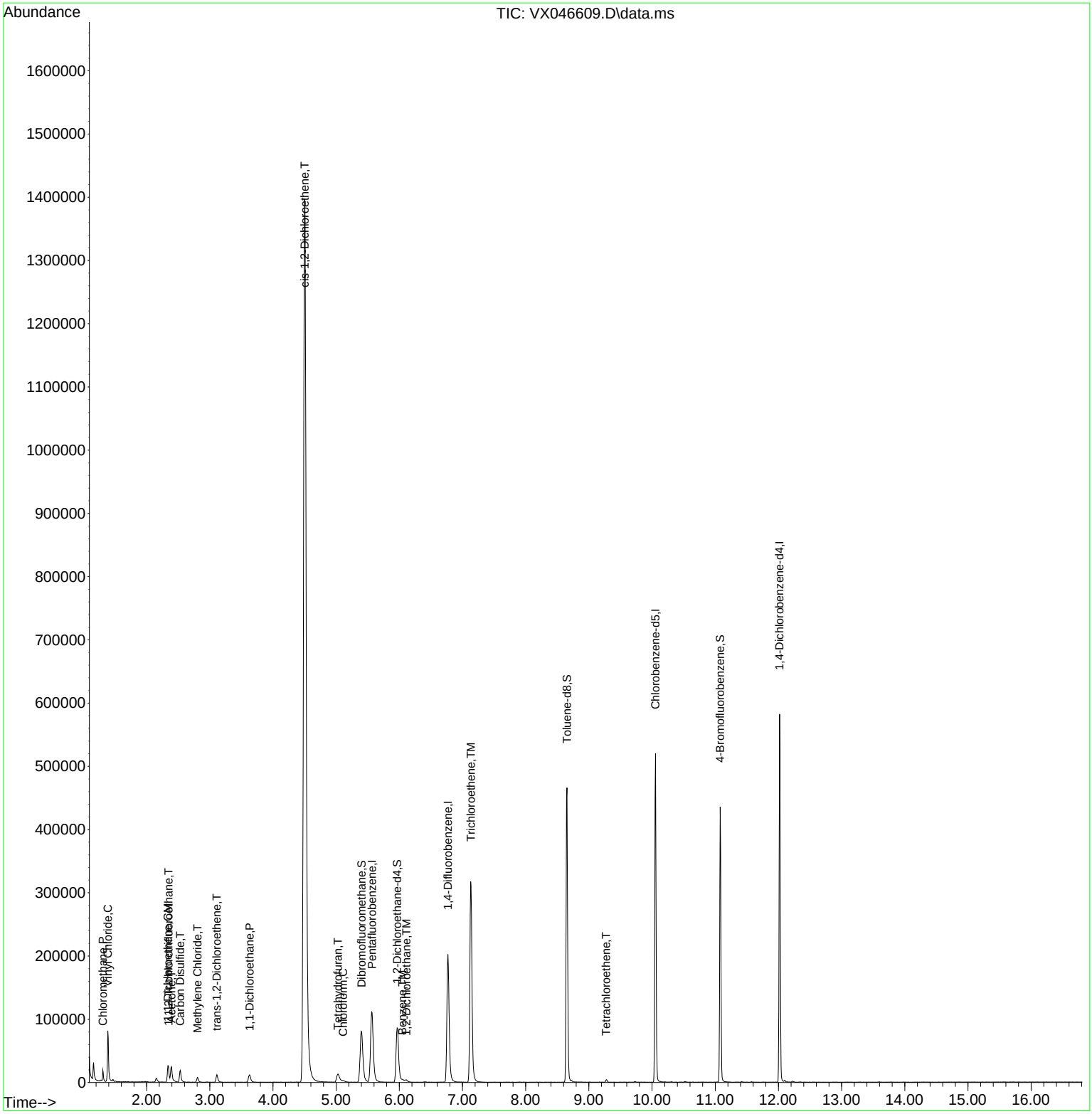
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	107308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93697	49.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.160%			
35) Dibromofluoromethane	5.403	113	76718	49.733	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.460%			
50) Toluene-d8	8.653	98	279093	54.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.760%			
62) 4-Bromofluorobenzene	11.079	95	118825	56.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.940%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	11098	8.184	ug/l	96
4) Vinyl Chloride	1.386	62	56899	42.093	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	2375	1.685	ug/l	98
12) 1,1-Dichloroethene	2.337	96	8125	6.378	ug/l	98
16) Acetone	2.392	43	30875	45.021	ug/l	94
17) Carbon Disulfide	2.532	76	22966	8.658	ug/l	99
20) Methylene Chloride	2.806	84	3437	2.244	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	5287	3.921	ug/l	89
24) 1,1-Dichloroethane	3.629	63	15235	5.541	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	940302	566.537	ug/l	86
29) Tetrahydrofuran	5.025	42	14607	21.763	ug/l	97
30) Chloroform	5.111	83	1874	0.651	ug/l	93
40) Benzene	6.050	78	3398	0.548	ug/l #	90
42) 1,2-Dichloroethane	6.111	62	4384	1.699	ug/l	99
44) Trichloroethene	7.135	130	125428	79.579	ug/l	97
64) Tetrachloroethene	9.275	164	855	0.586	ug/l #	81

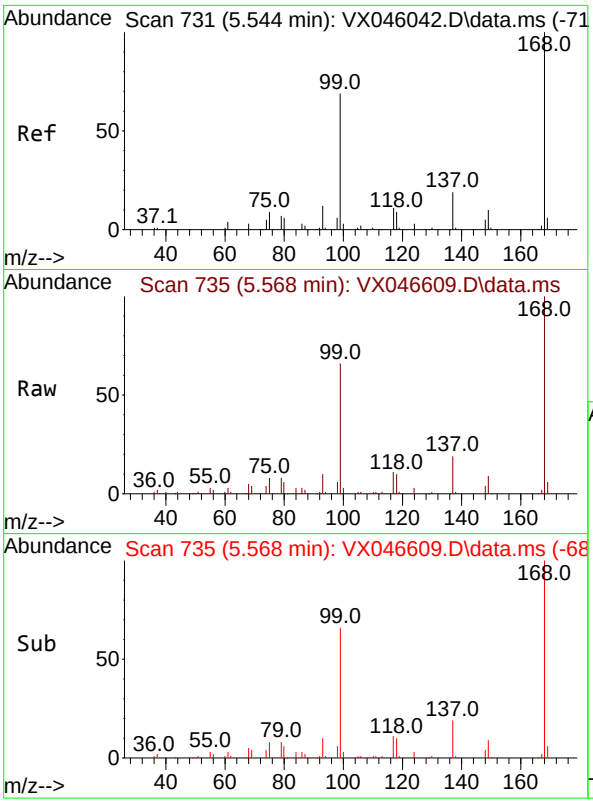
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046609.D
Acq On : 10 Jun 2025 17:28
Operator : JC/MD
Sample : Q2233-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Quant Time: Jun 11 01:52:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



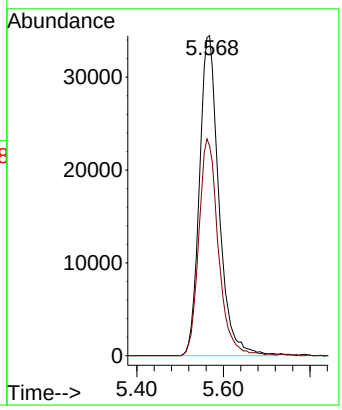


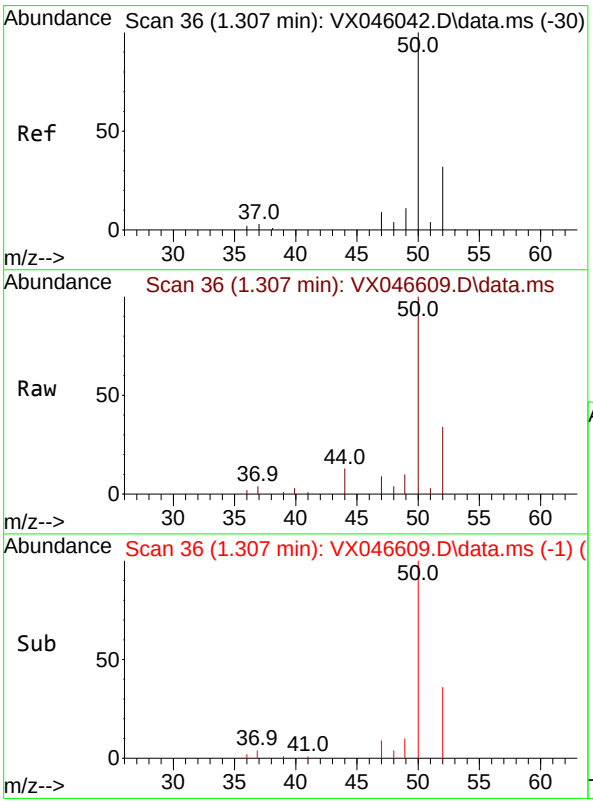
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:168 Resp: 107308

Ion	Ratio	Lower	Upper
168	100		
99	65.6	54.9	82.3

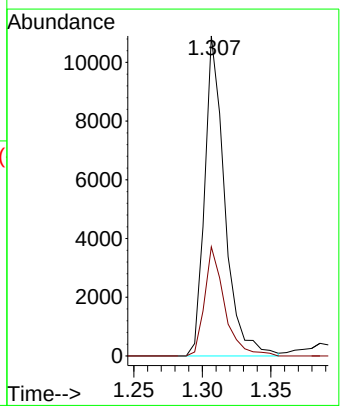


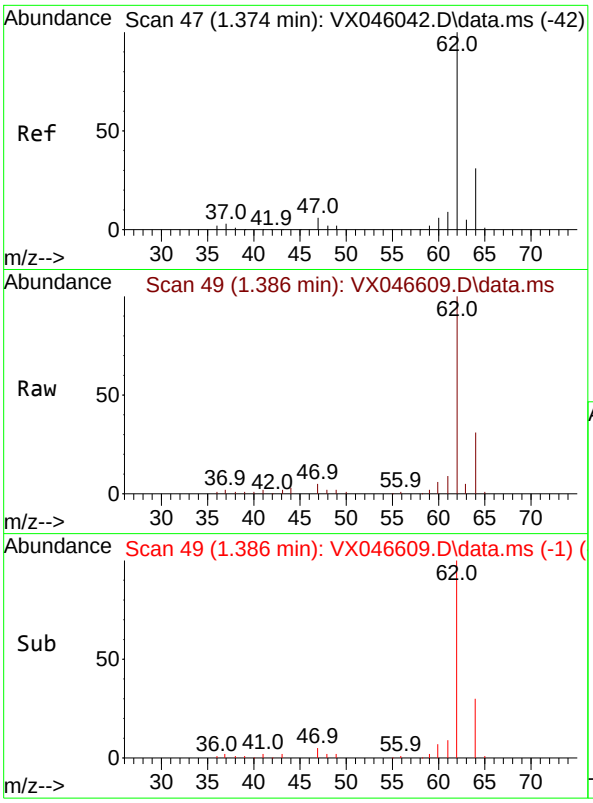


#3
Chloromethane
Concen: 8.184 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 50 Resp: 11098

Ion	Ratio	Lower	Upper
50	100		
52	34.1	25.4	38.2



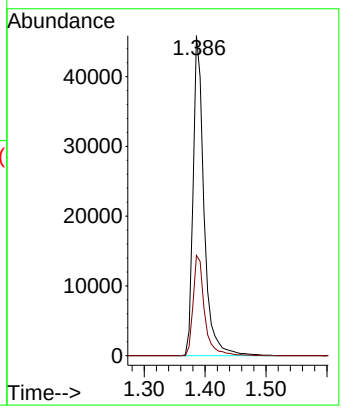


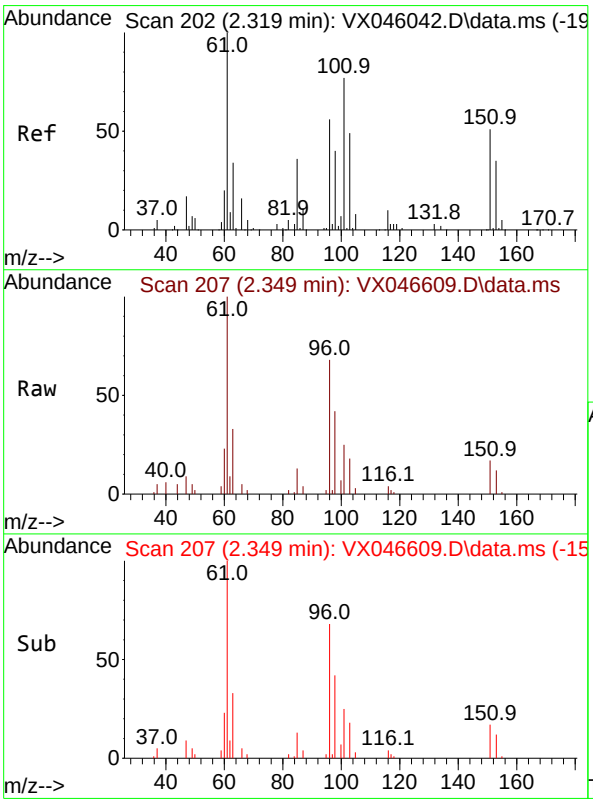
#4
Vinyl Chloride
Concen: 42.093 ug/l
RT: 1.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 62 Resp: 56899

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.2	37.8

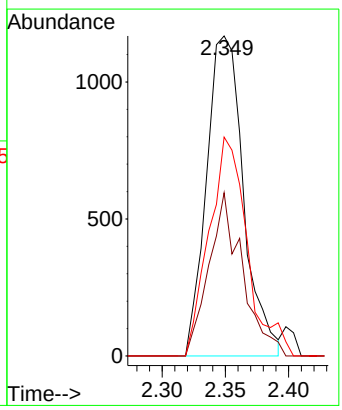




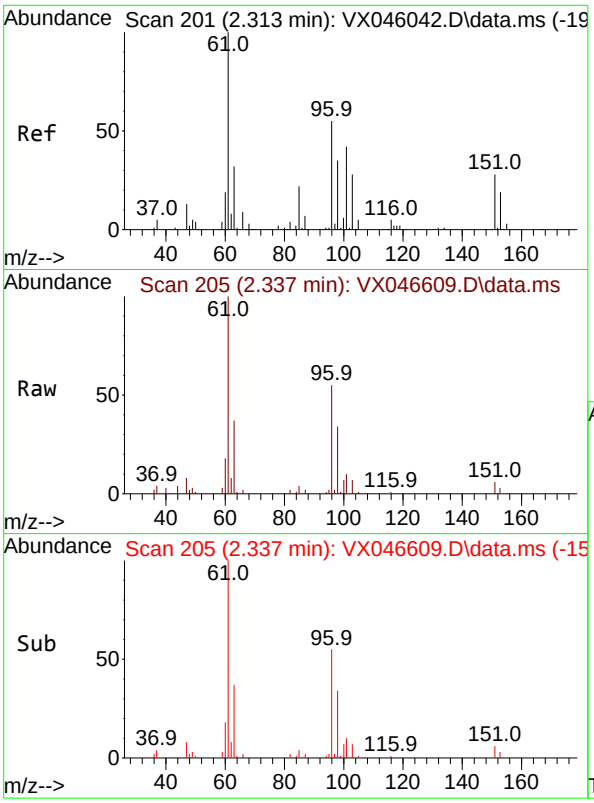
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.685 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion:101 Resp: 2375

Ion	Ratio	Lower	Upper
101	100		
85	46.2	38.6	58.0
151	70.6	55.2	82.8



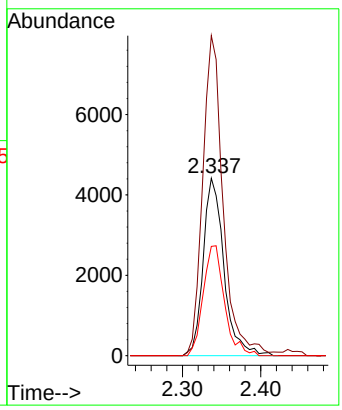
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

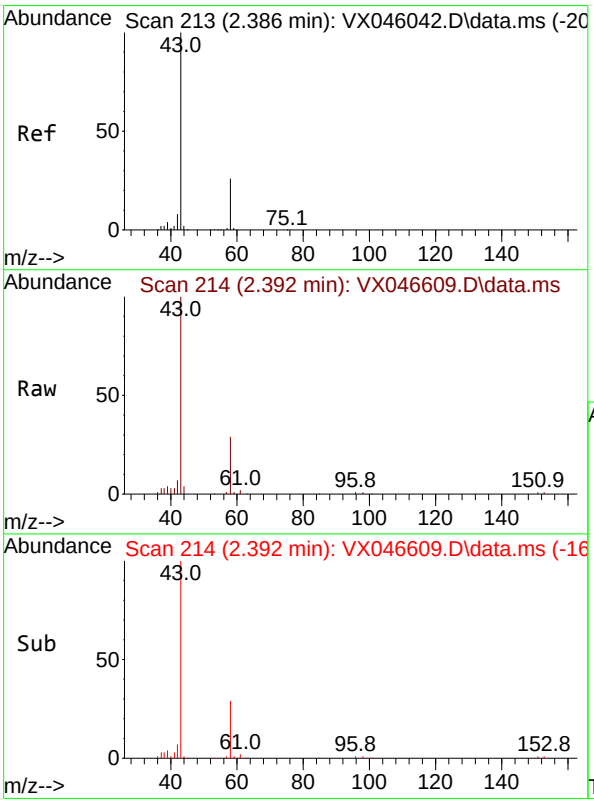


#12
1,1-Dichloroethene
Concen: 6.378 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 96 Resp: 8125

Ion	Ratio	Lower	Upper
96	100		
61	180.4	146.2	219.2
98	61.6	51.0	76.6

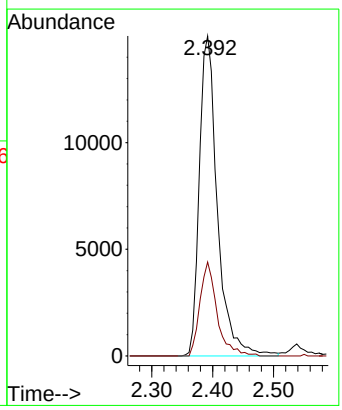


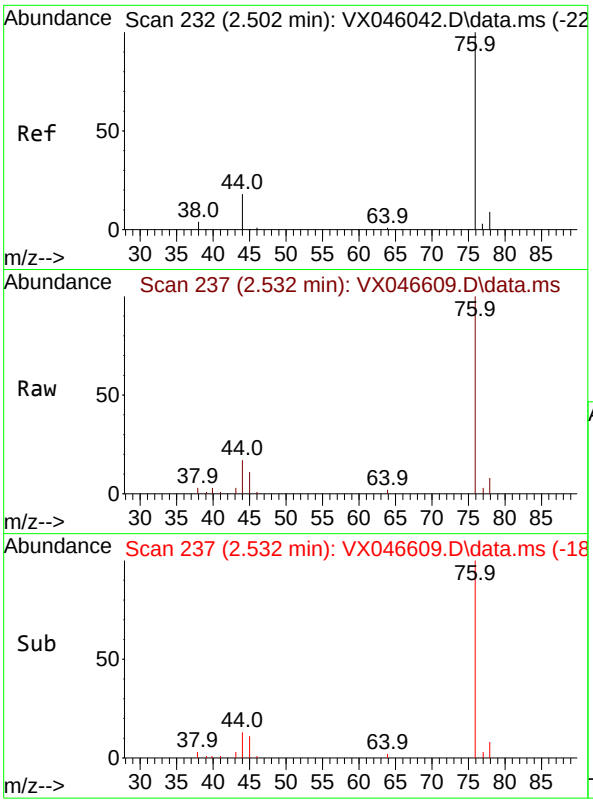


#16
Acetone
Concen: 45.021 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 43 Resp: 30875

Ion	Ratio	Lower	Upper
43	100		
58	29.4	21.2	31.8



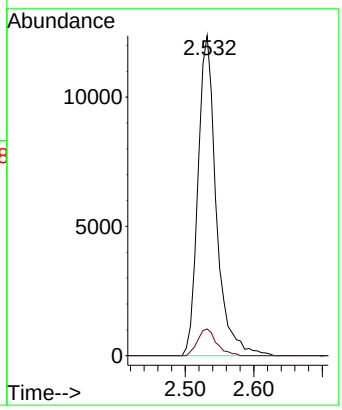


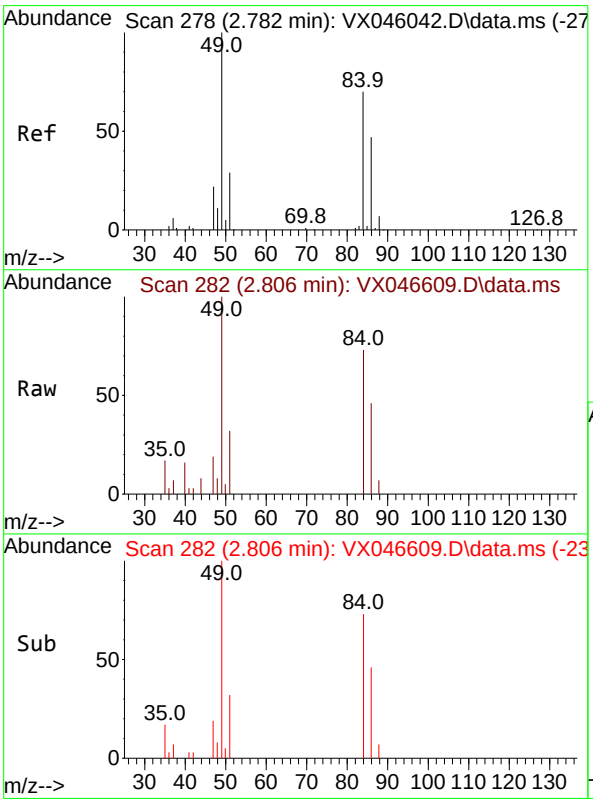
#17
Carbon Disulfide
Concen: 8.658 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 76 Resp: 22966

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.4

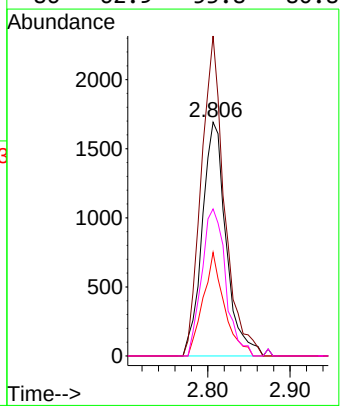




#20
Methylene Chloride
Concen: 2.244 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

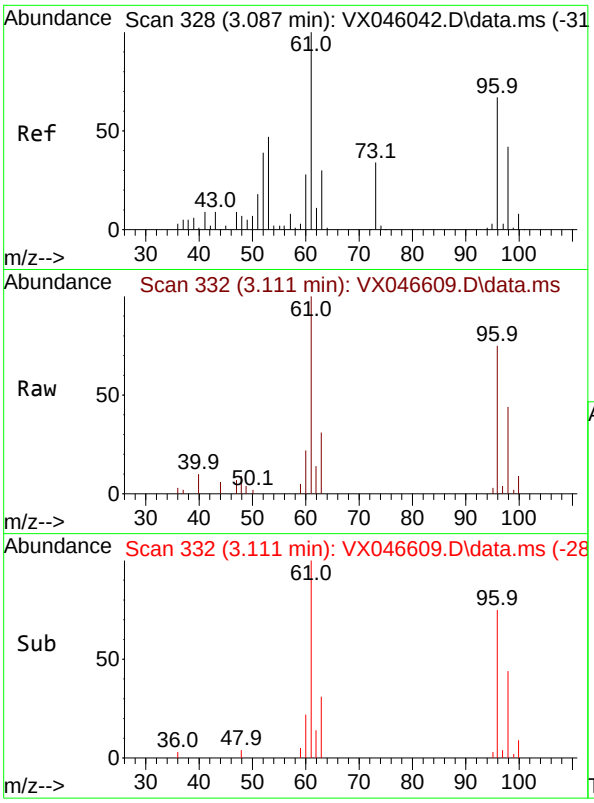
Tgt Ion: 84 Resp: 3437

Ion	Ratio	Lower	Upper
84	100		
49	136.9	113.9	170.9
51	44.3	33.5	50.3
86	62.9	53.8	80.8



5

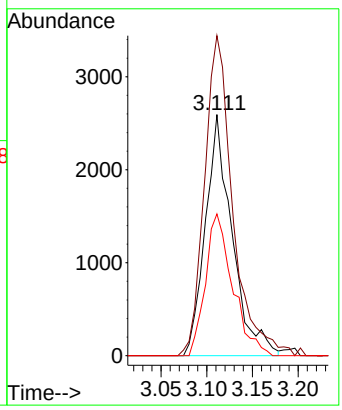
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

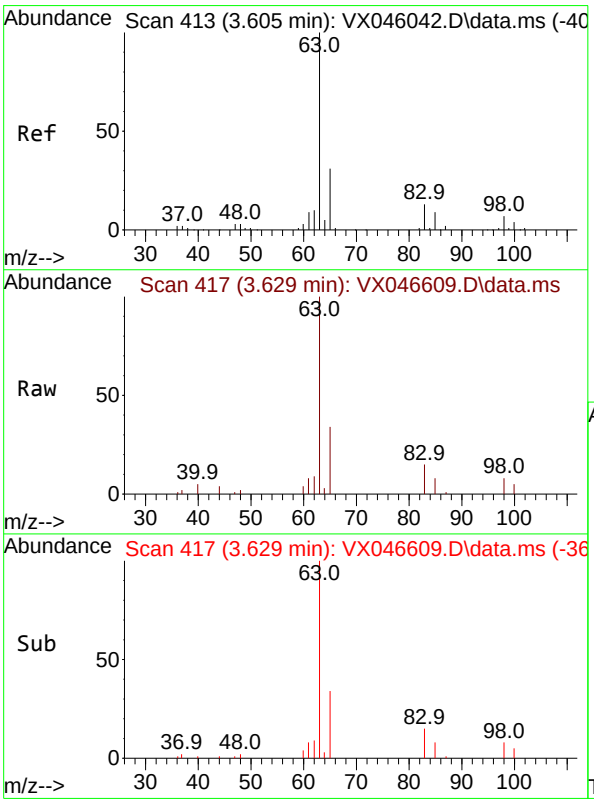


#21
trans-1,2-Dichloroethene
Concen: 3.921 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 96 Resp: 5287

Ion	Ratio	Lower	Upper
96	100		
61	132.7	119.5	179.3
98	58.8	50.0	75.0

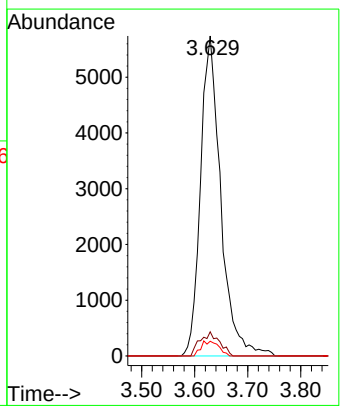


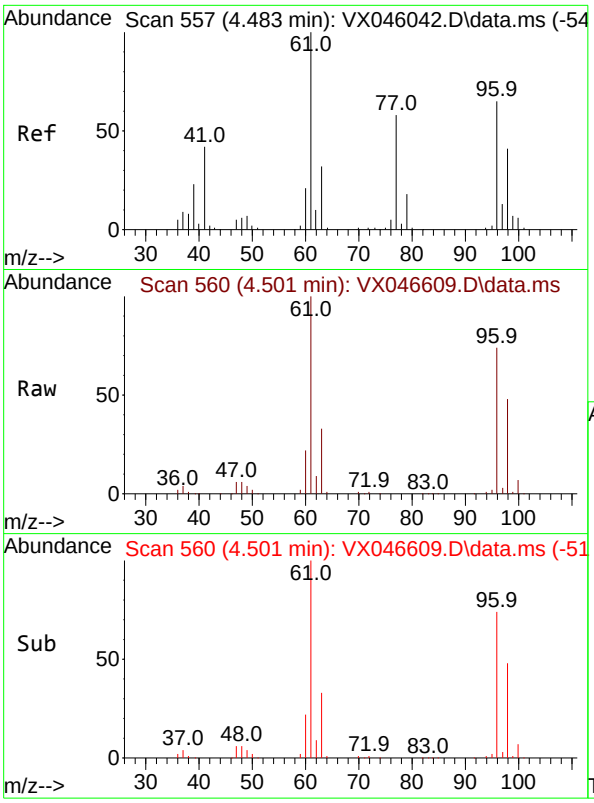


#24
1,1-Dichloroethane
Concen: 5.541 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 63 Resp: 15235

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	4.6	2.1	6.3



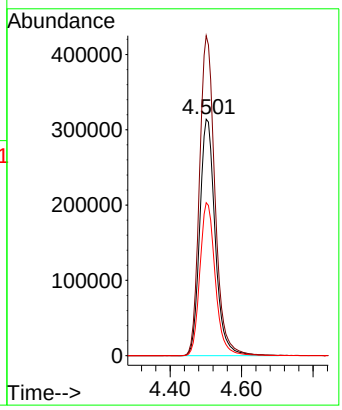


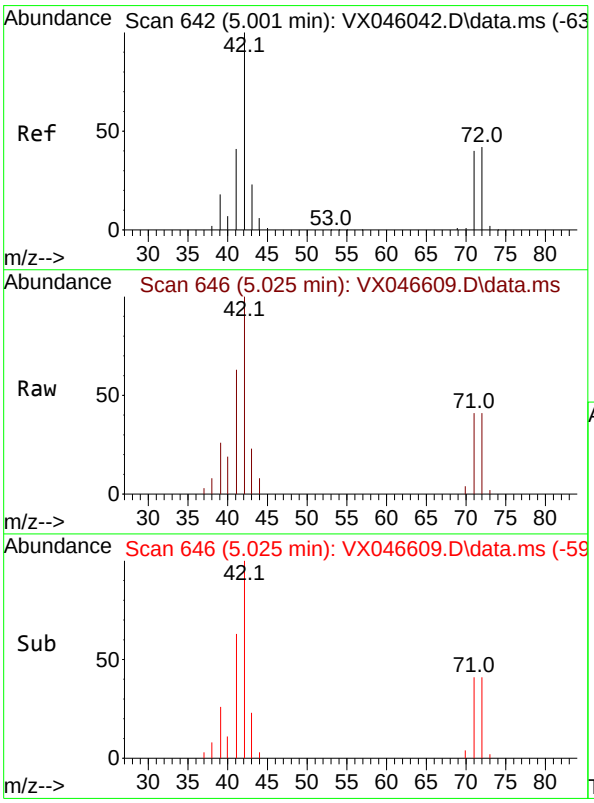
#27
cis-1,2-Dichloroethene
Concen: 566.537 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 96 Resp: 940302

Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	322.8
98	64.7	0.0	129.0

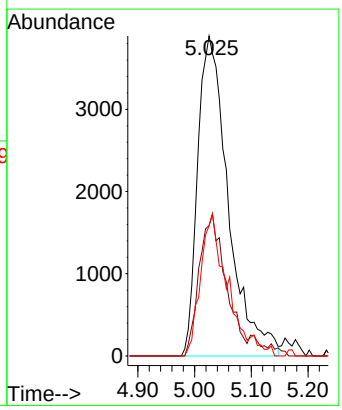


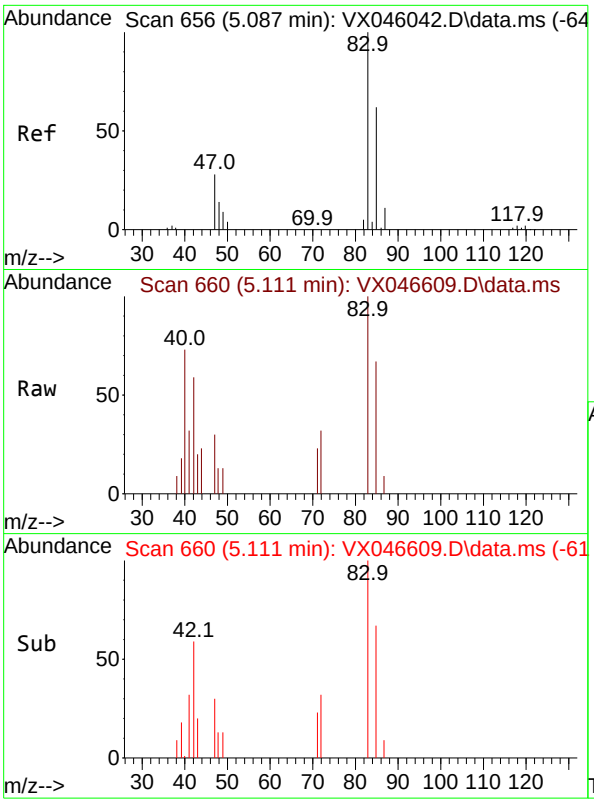


#29
Tetrahydrofuran
Concen: 21.763 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 42 Resp: 14607

Ion	Ratio	Lower	Upper
42	100		
72	38.6	33.7	50.5
71	39.5	31.4	47.2



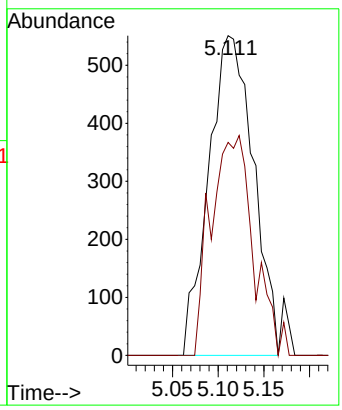


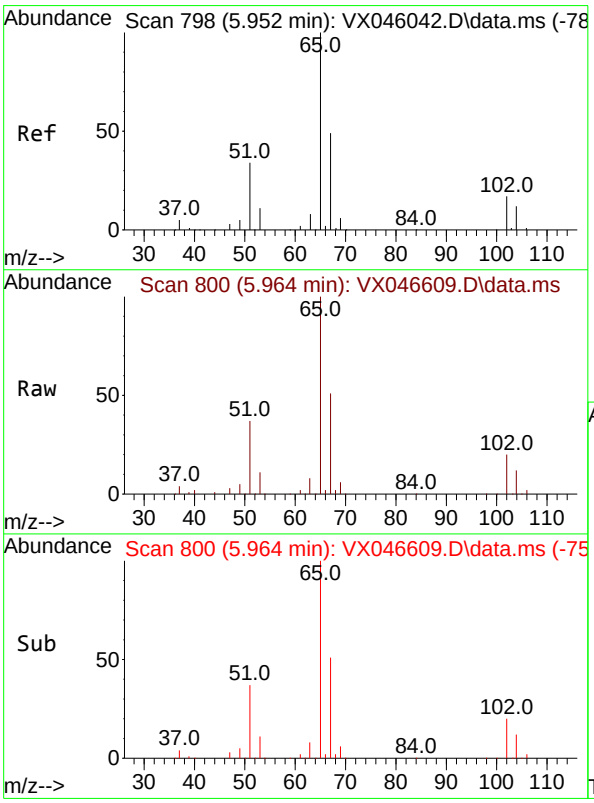
#30
Chloroform
Concen: 0.651 ug/l
RT: 5.111 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 83 Resp: 1874

Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.3	73.9

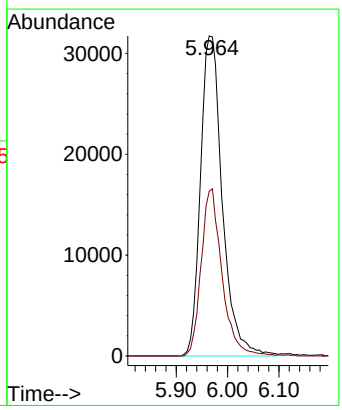


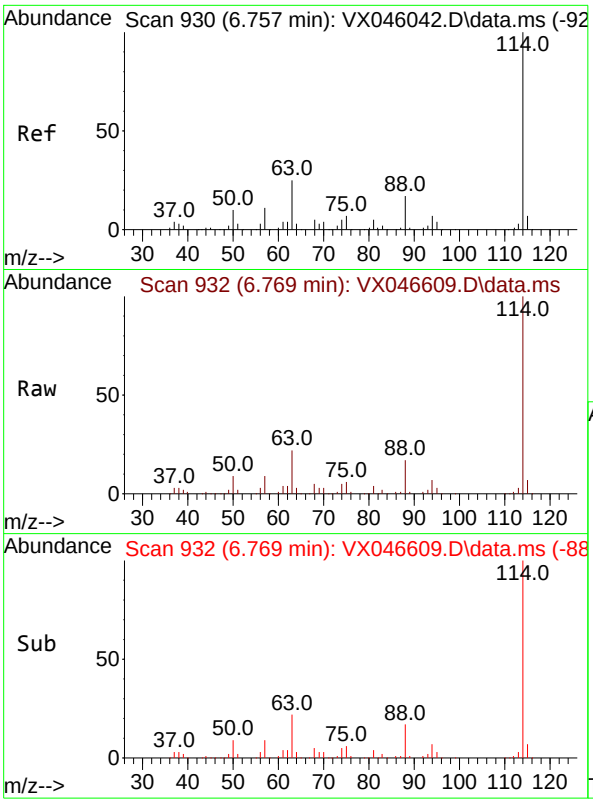


#33
1,2-Dichloroethane-d4
Concen: 49.079 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 65 Resp: 93697

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



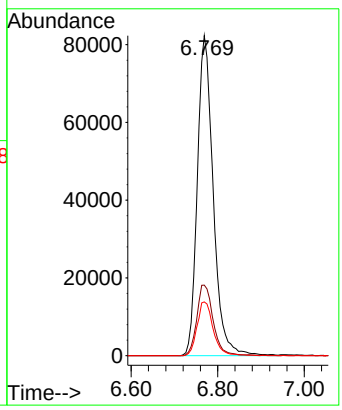


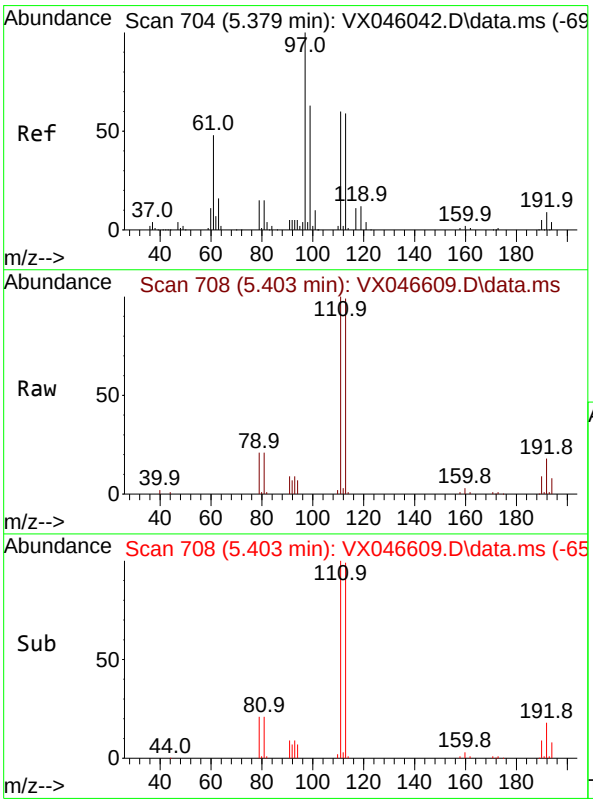
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:114 Resp: 209766

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	49.2
88	16.8	0.0	33.6

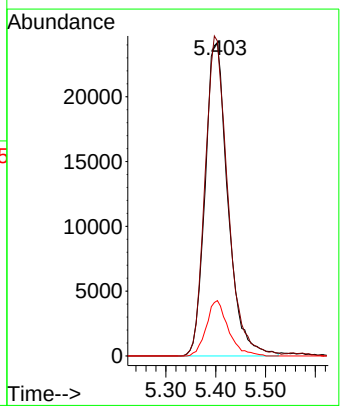


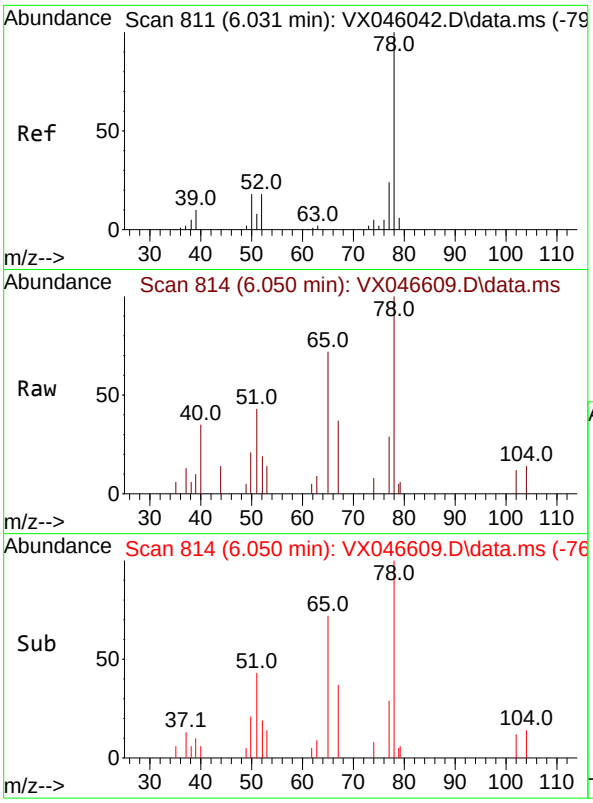


#35
Dibromofluoromethane
Concen: 49.733 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion:113 Resp: 76718

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	17.1	13.3	19.9



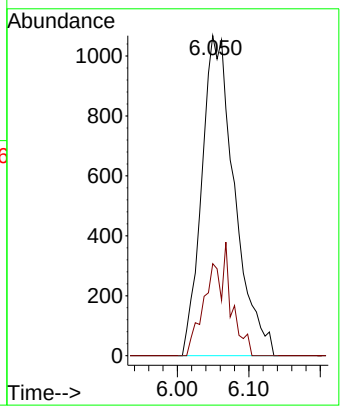


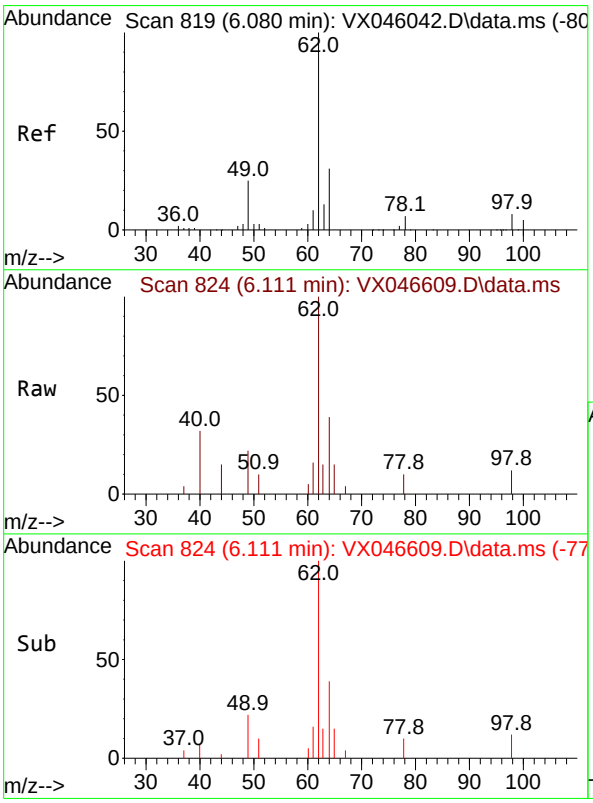
#40
Benzene
Concen: 0.548 ug/l
RT: 6.050 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 78 Resp: 3398

Ion	Ratio	Lower	Upper
78	100		
77	28.7	19.0	28.4#

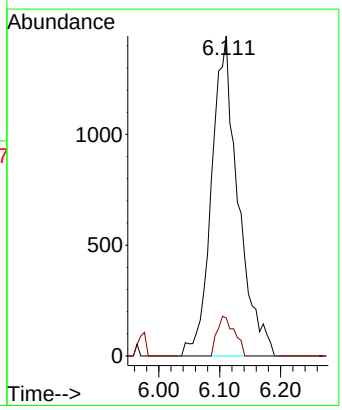


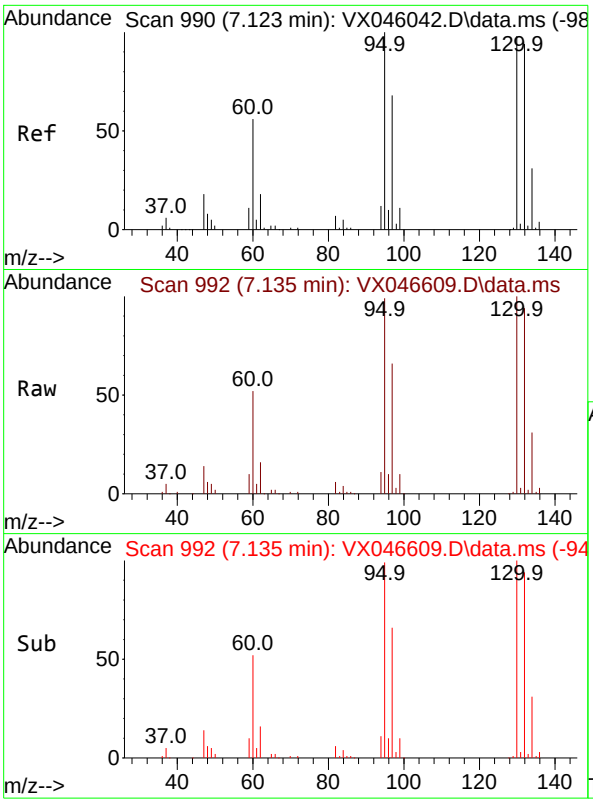


#42
1,2-Dichloroethane
Concen: 1.699 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.013 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 62 Resp: 4384

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.2



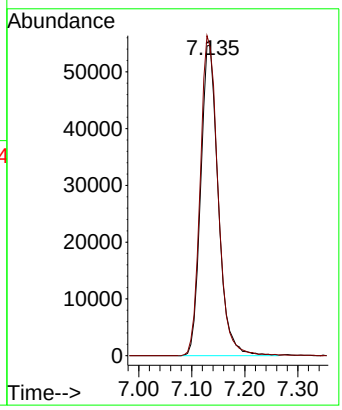


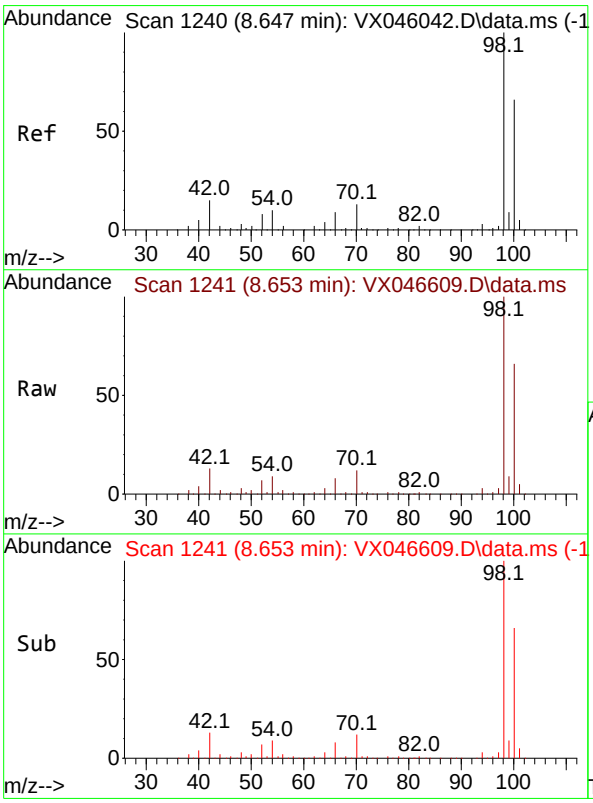
#44
Trichloroethene
Concen: 79.579 ug/l
RT: 7.135 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:130 Resp: 125428

Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	204.2

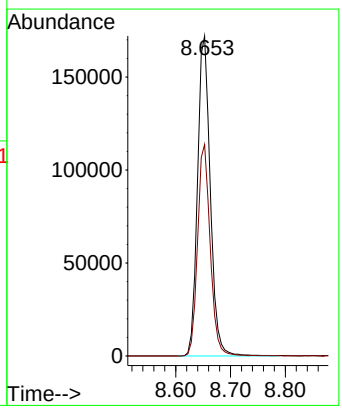


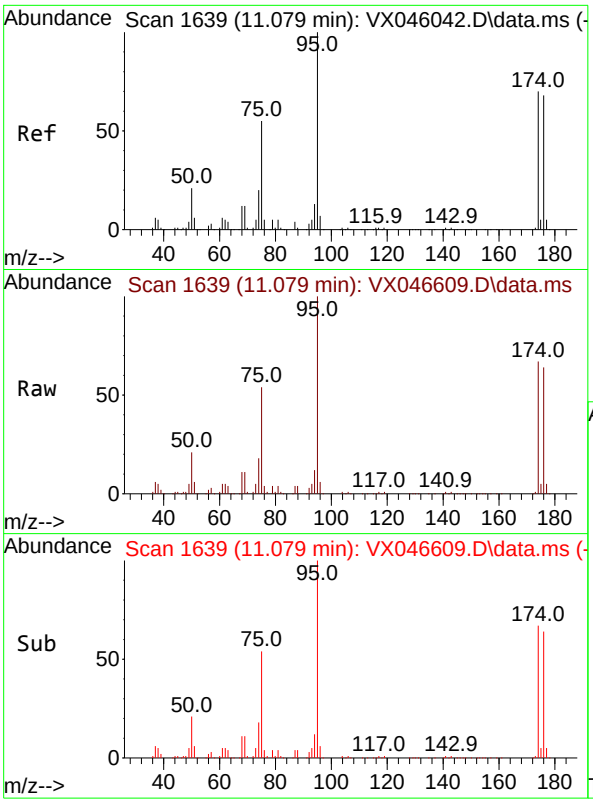


#50
Toluene-d8
Concen: 54.877 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion: 98 Resp: 279093

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.5	80.3



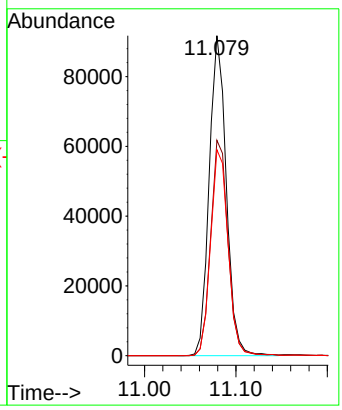


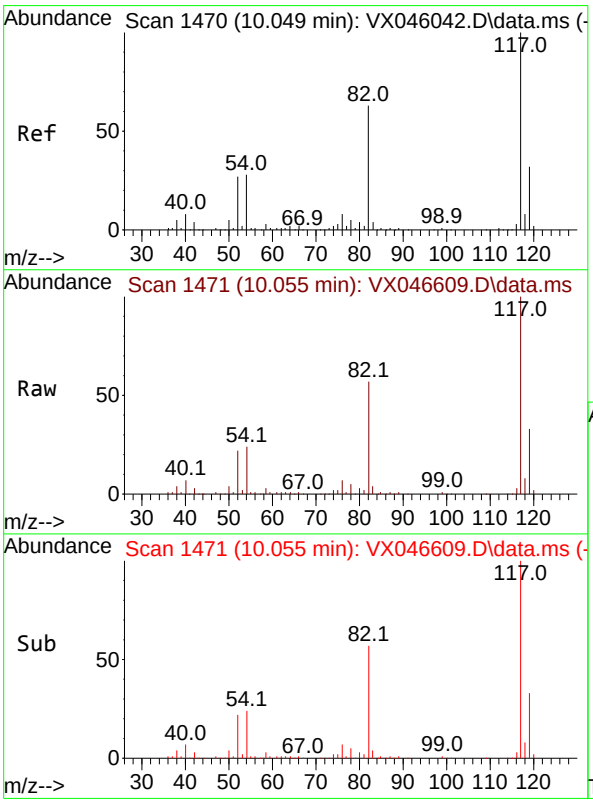
#62
4-Bromofluorobenzene
Concen: 56.470 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion: 95 Resp: 118825

Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	135.8
176	66.3	0.0	131.4

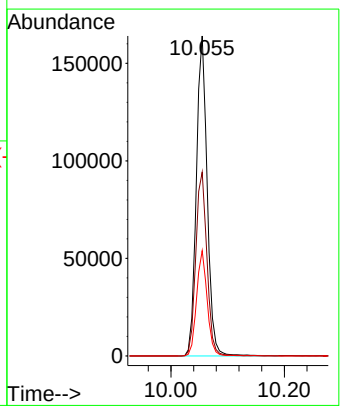


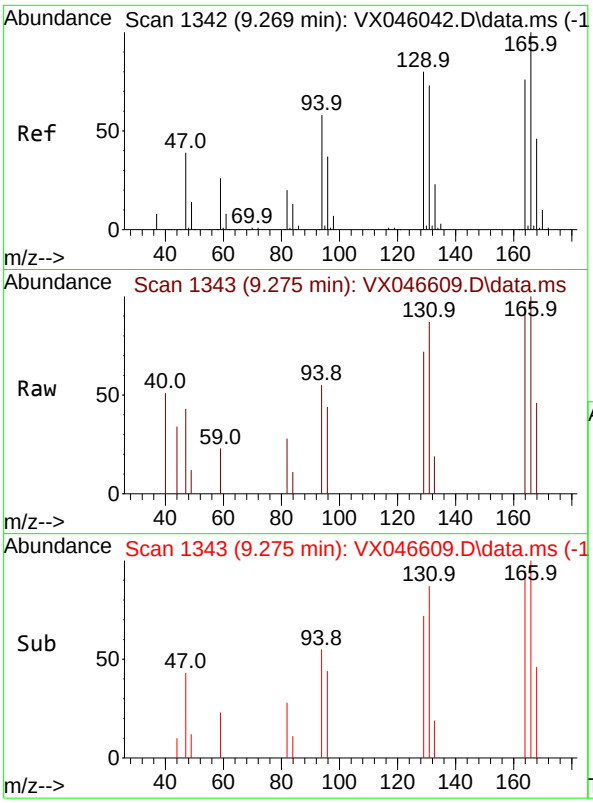


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion:117 Resp: 218031

Ion	Ratio	Lower	Upper
117	100		
82	57.5	50.6	76.0
119	32.9	25.8	38.6



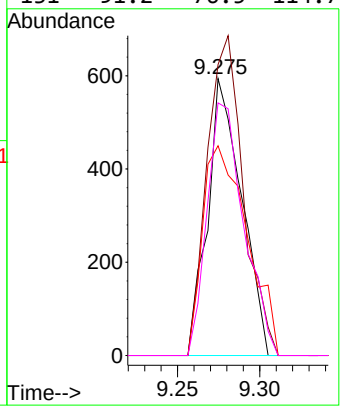


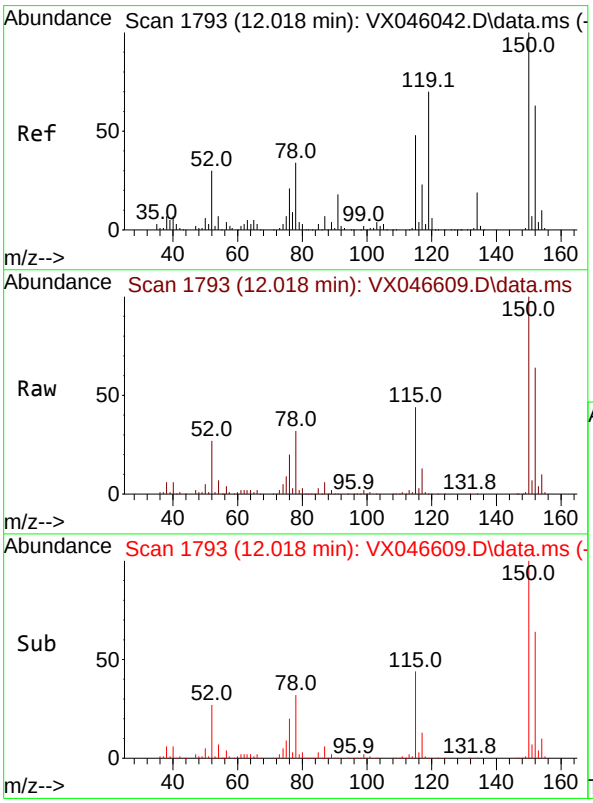
#64
Tetrachloroethene
Concen: 0.586 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:164 Resp: 855

Ion	Ratio	Lower	Upper
164	100		
166	105.1	105.0	157.6
129	75.8	83.5	125.3#
131	91.2	76.5	114.7

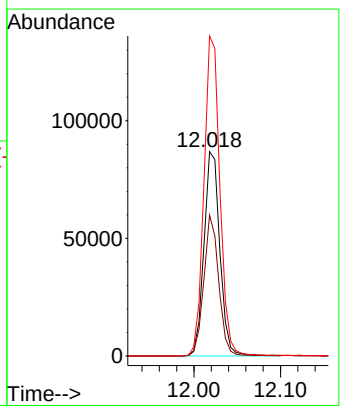




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046609.D
Acq: 10 Jun 2025 17:28

Tgt Ion:152 Resp: 110562

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	157.2	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046597.D
Acq On : 10 Jun 2025 13:13
Operator : JC/MD
Sample : Q2233-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Quant Time: Jun 11 01:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

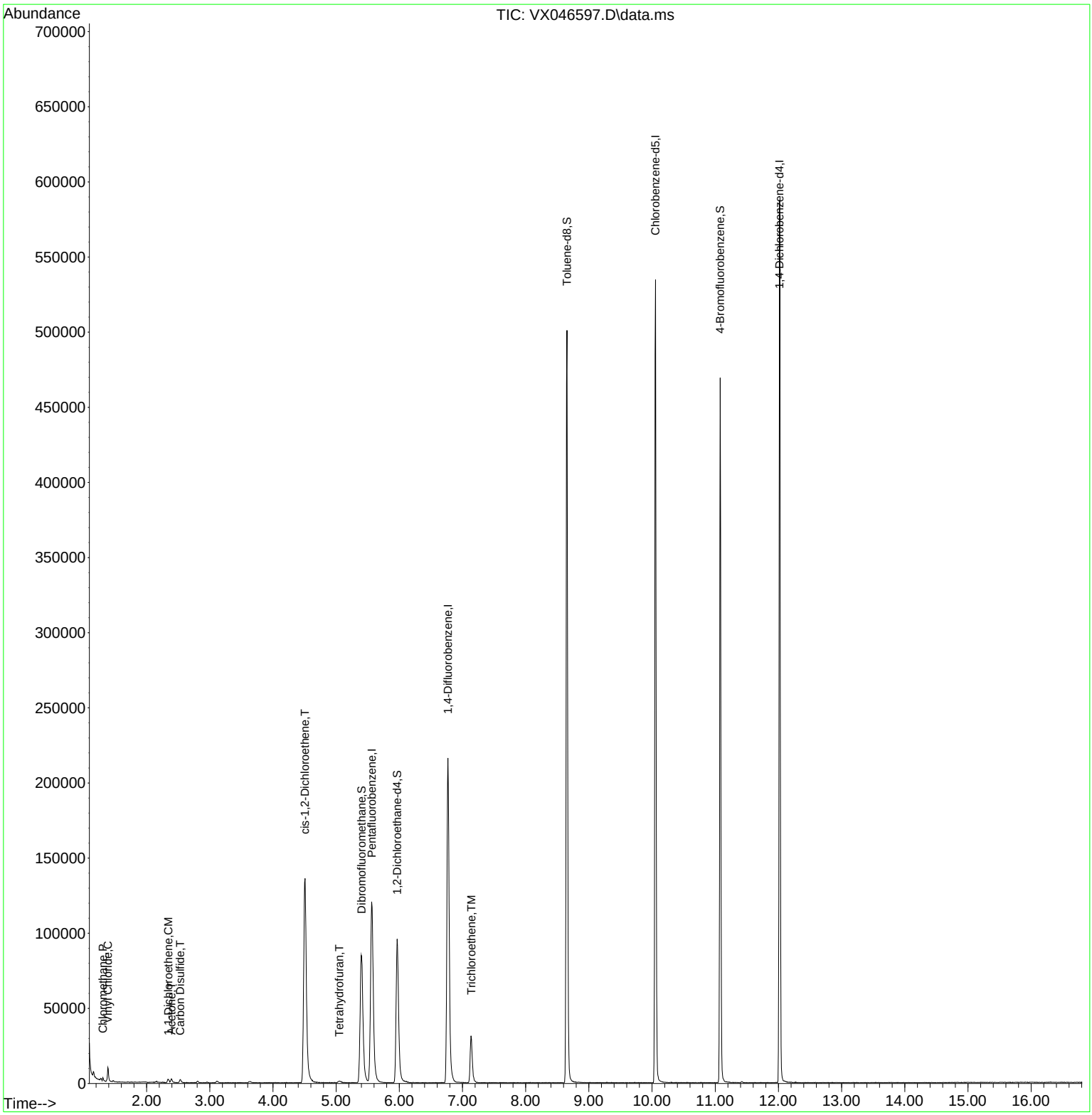
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	114089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99818	49.177	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.360%			
35) Dibromofluoromethane	5.403	113	82683	50.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.653	98	293804	54.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	11.079	95	123653	55.775	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.560%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1462	1.014	ug/l	100
4) Vinyl Chloride	1.386	62	6093	4.240	ug/l	93
12) 1,1-Dichloroethene	2.343	96	730	0.539	ug/l	82
16) Acetone	2.392	43	3207	8.544	ug/l #	81
17) Carbon Disulfide	2.532	76	2517	1.074	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	91409	51.801	ug/l	86
29) Tetrahydrofuran	5.050	42	1290	1.808	ug/l #	71
44) Trichloroethene	7.141	130	12652	7.619	ug/l	97

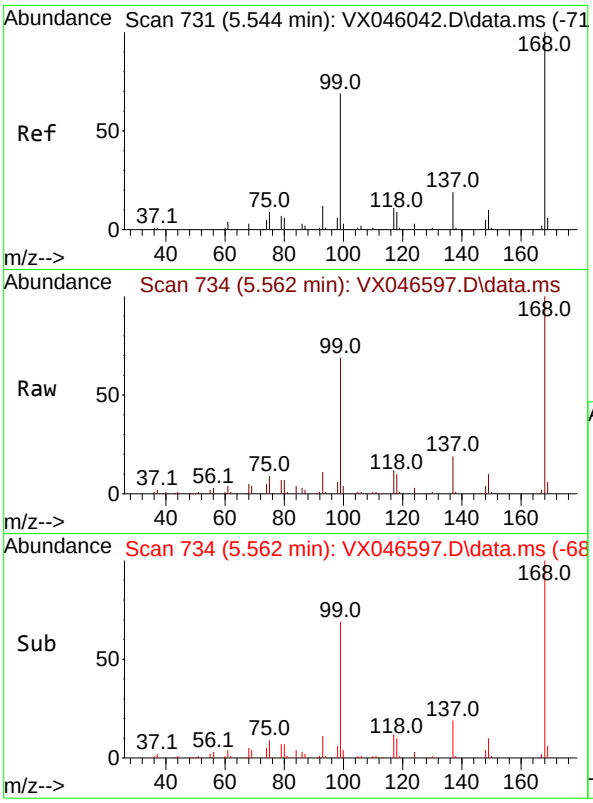
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046597.D
Acq On : 10 Jun 2025 13:13
Operator : JC/MD
Sample : Q2233-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Quant Time: Jun 11 01:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



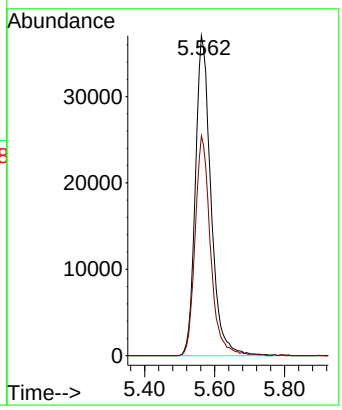


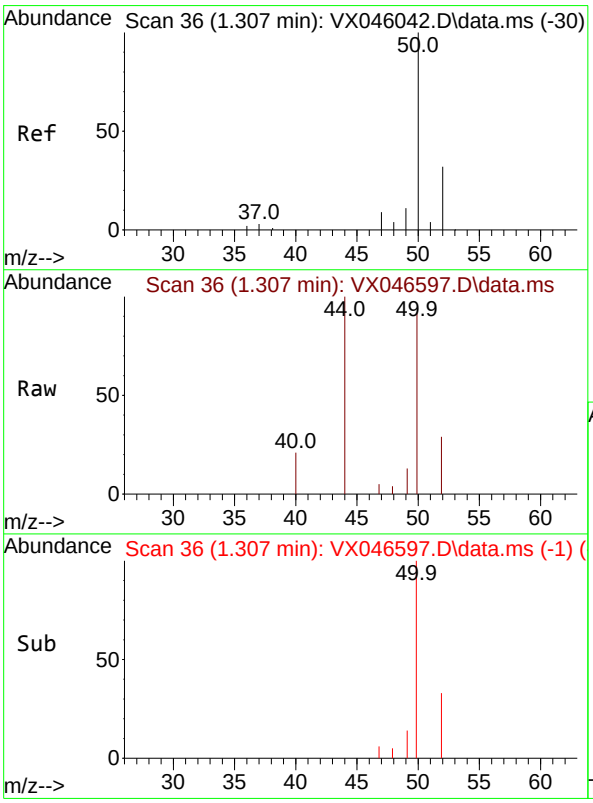
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion:168 Resp: 114089

Ion	Ratio	Lower	Upper
168	100		
99	68.7	54.9	82.3

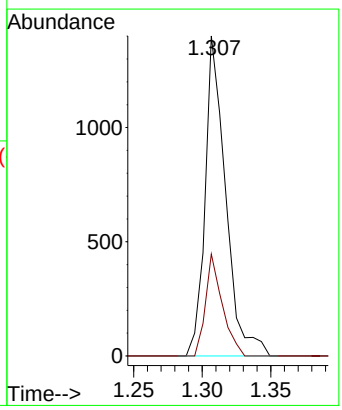


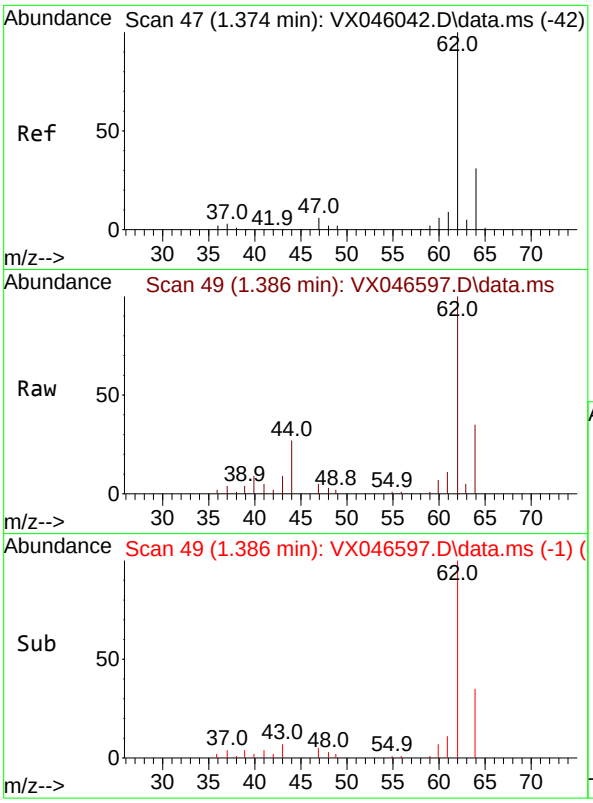


#3
Chloromethane
Concen: 1.014 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 50 Resp: 1462

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2



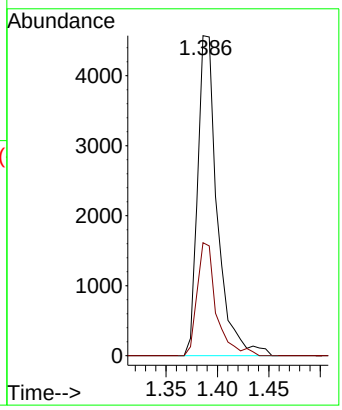


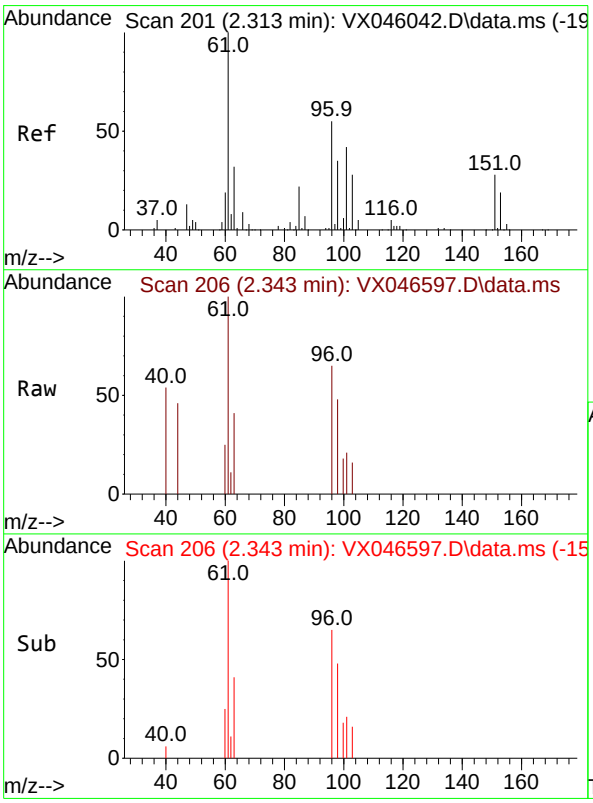
#4
Vinyl Chloride
Concen: 4.240 ug/l
RT: 1.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion: 62 Resp: 6093

Ion	Ratio	Lower	Upper
62	100		
64	35.3	25.2	37.8

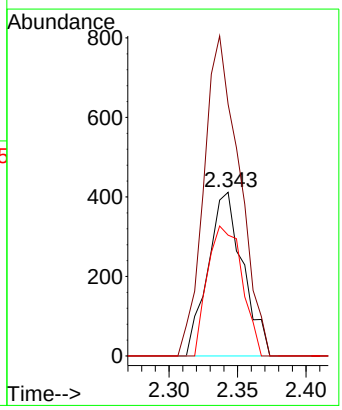




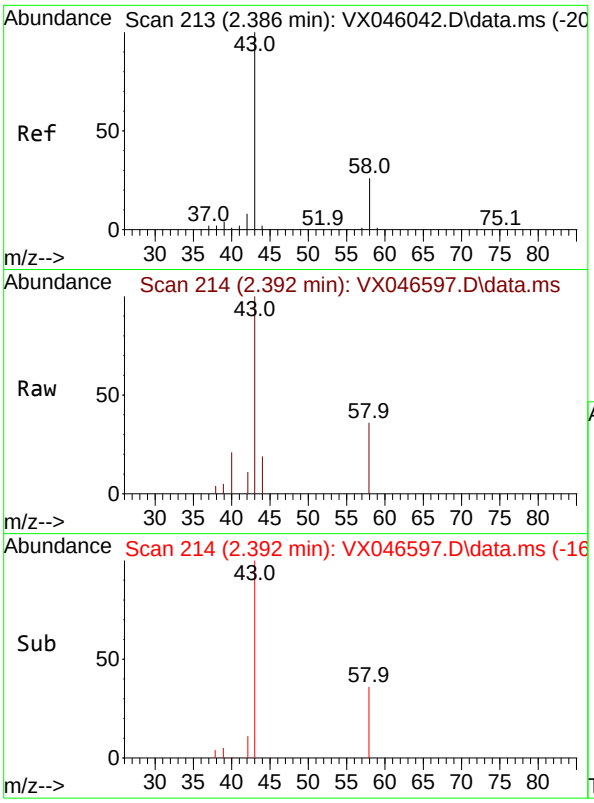
#12
1,1-Dichloroethene
Concen: 0.539 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 96 Resp: 730

Ion	Ratio	Lower	Upper
96	100		
61	153.6	146.2	219.2
98	73.8	51.0	76.6



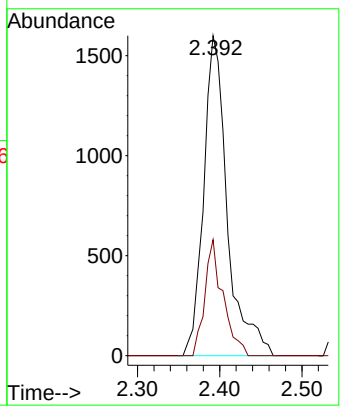
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

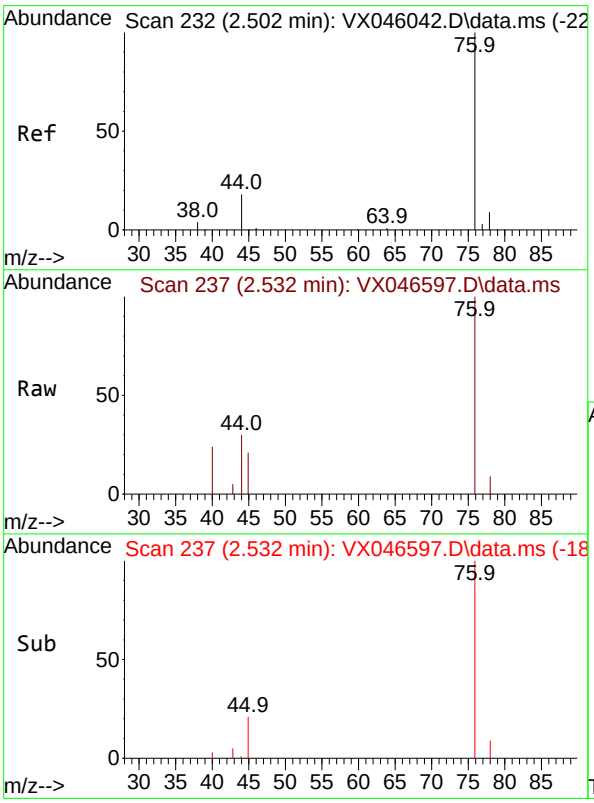


#16
Acetone
Concen: 8.544 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 43 Resp: 3207

Ion	Ratio	Lower	Upper
43	100		
58	36.3	21.2	31.8#

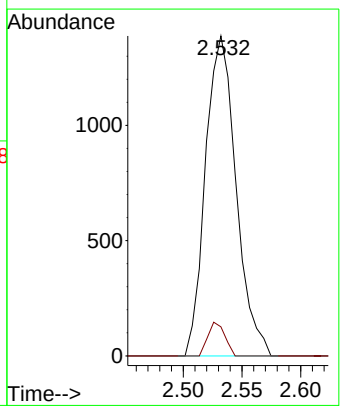


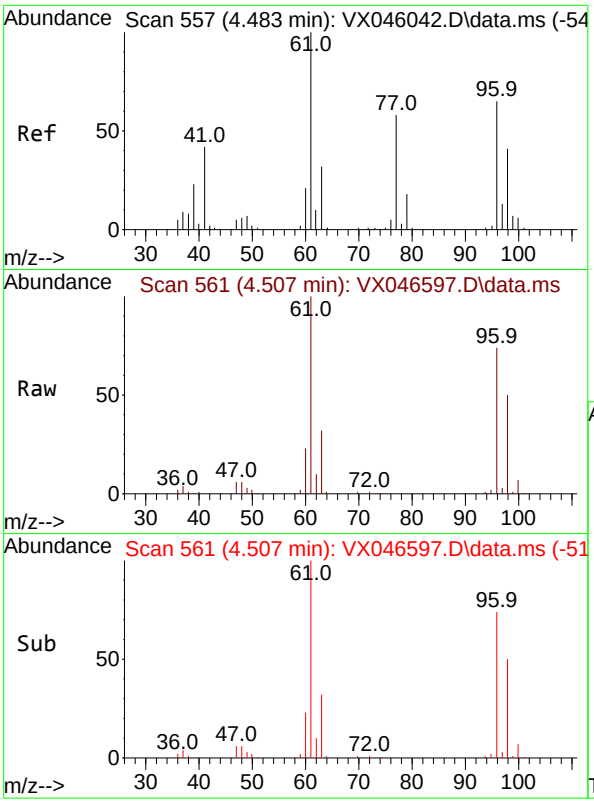


#17
Carbon Disulfide
Concen: 1.074 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 76 Resp: 2517

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4



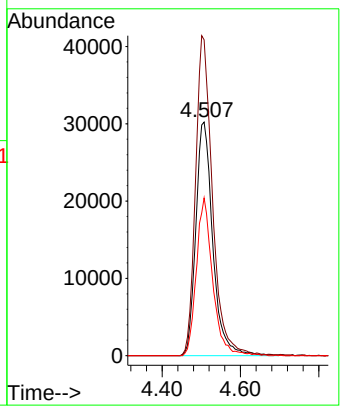


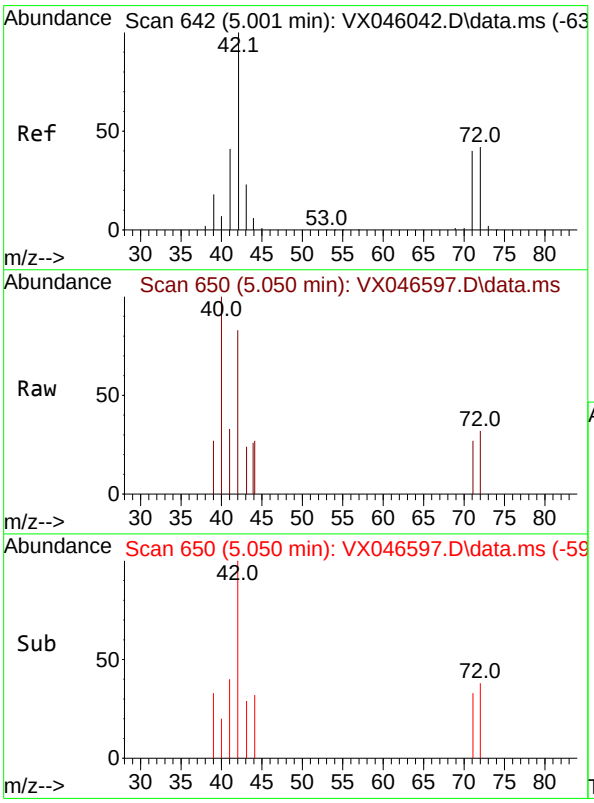
#27
cis-1,2-Dichloroethene
Concen: 51.801 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion: 96 Resp: 91409

Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	322.8
98	64.6	0.0	129.0

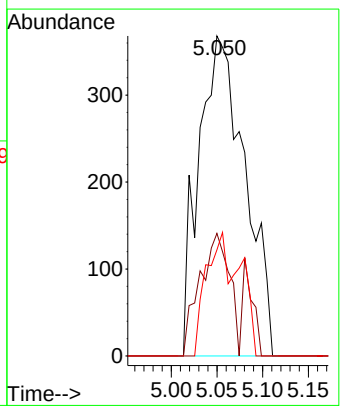


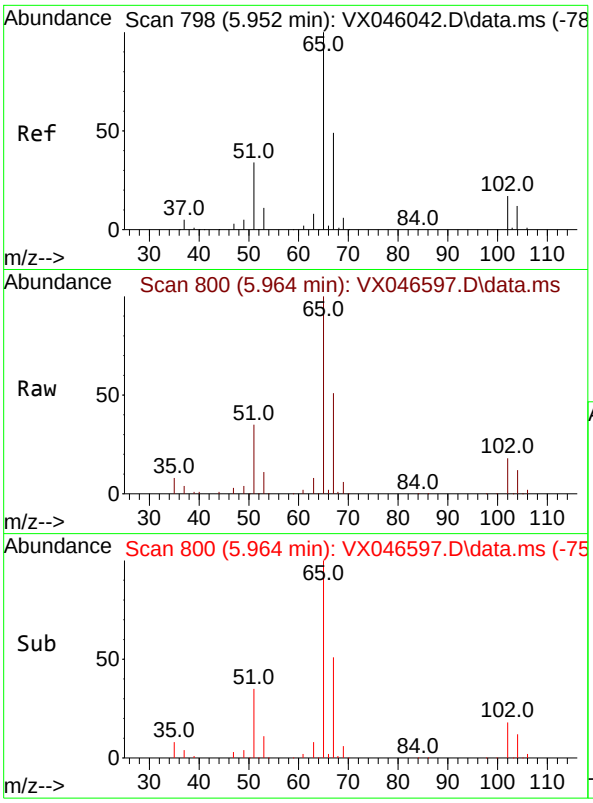


#29
Tetrahydrofuran
Concen: 1.808 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 42 Resp: 1290

Ion	Ratio	Lower	Upper
42	100		
72	24.7	33.7	50.5#
71	20.2	31.4	47.2#



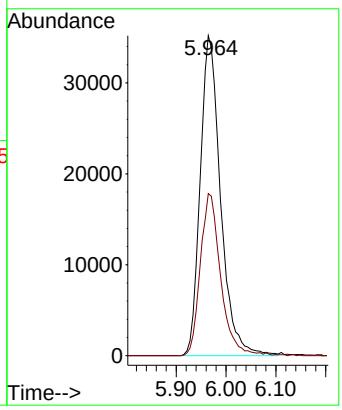


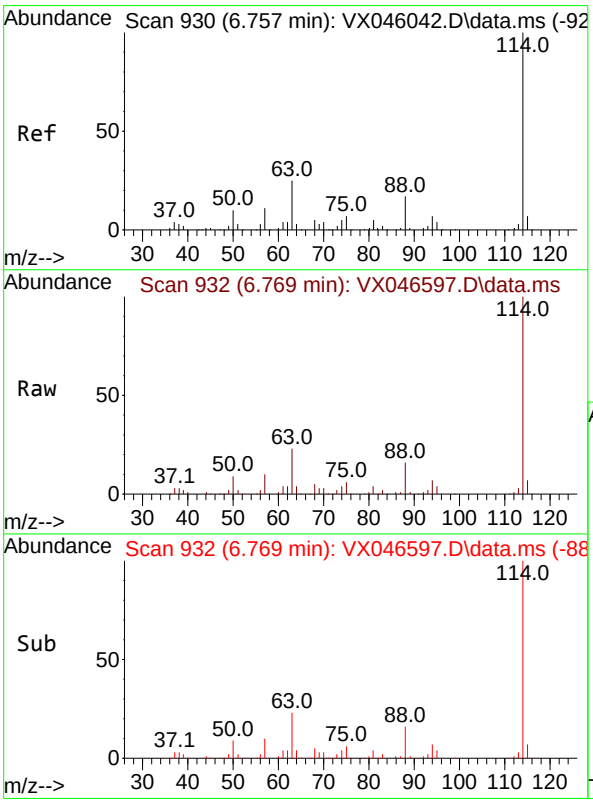
#33
1,2-Dichloroethane-d4
Concen: 49.177 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion: 65 Resp: 99818

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.0

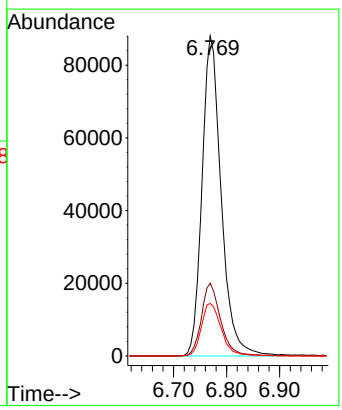


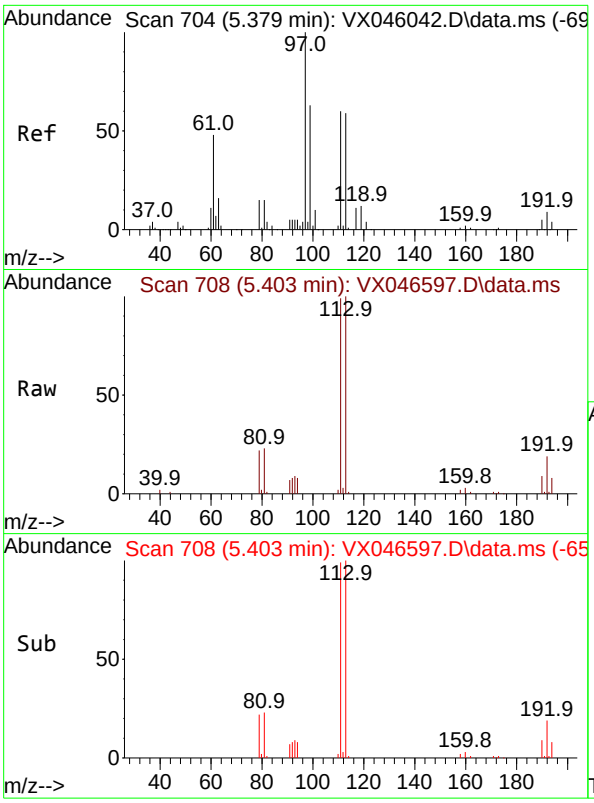


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion:114 Resp: 221007

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	49.2
88	16.4	0.0	33.6



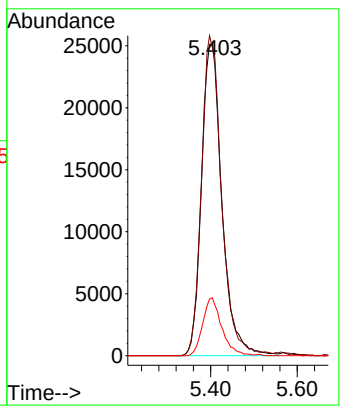


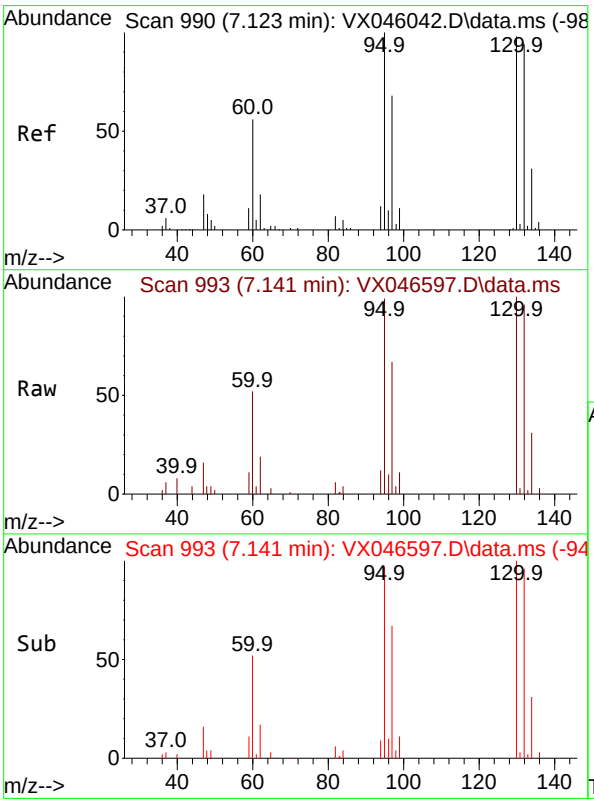
#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion:113 Resp: 82683

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.1	124.7
192	17.2	13.3	19.9

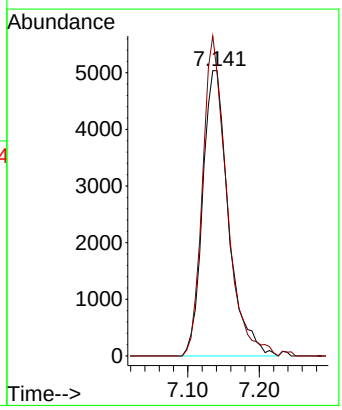




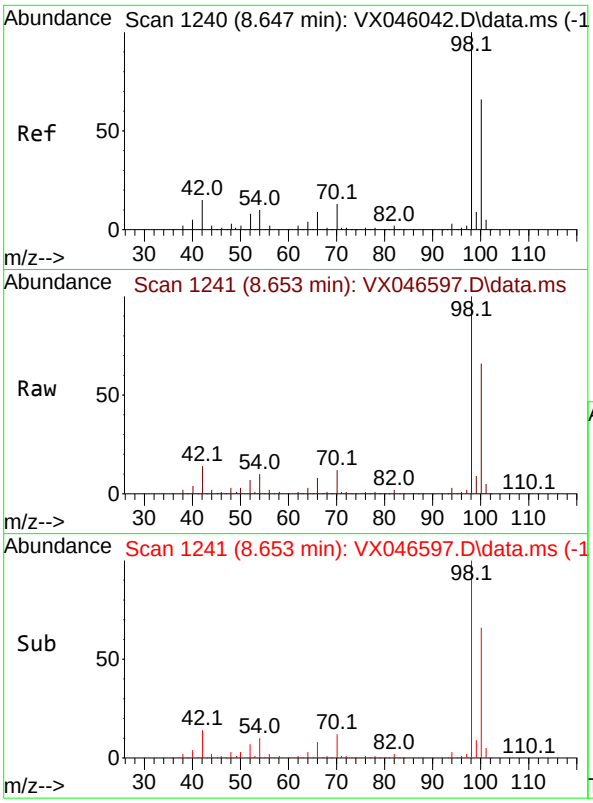
#44
Trichloroethene
Concen: 7.619 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion:130 Resp: 12652

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	204.2



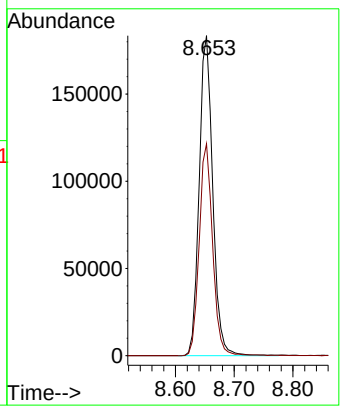
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

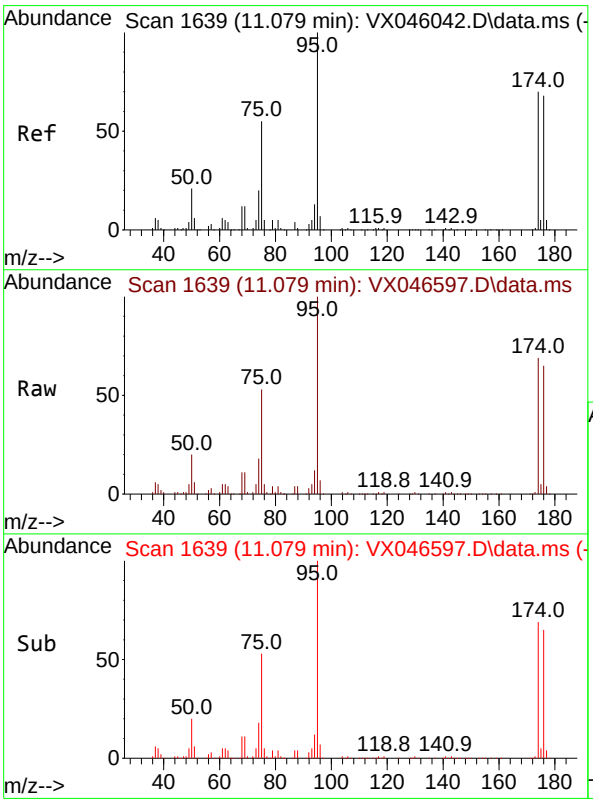


#50
Toluene-d8
Concen: 54.831 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 98 Resp: 293804

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

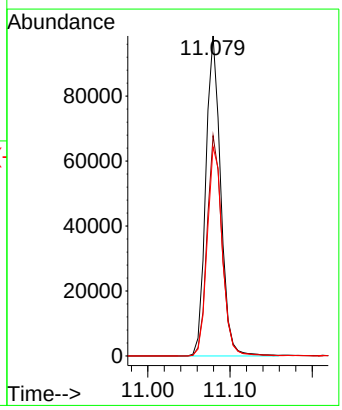


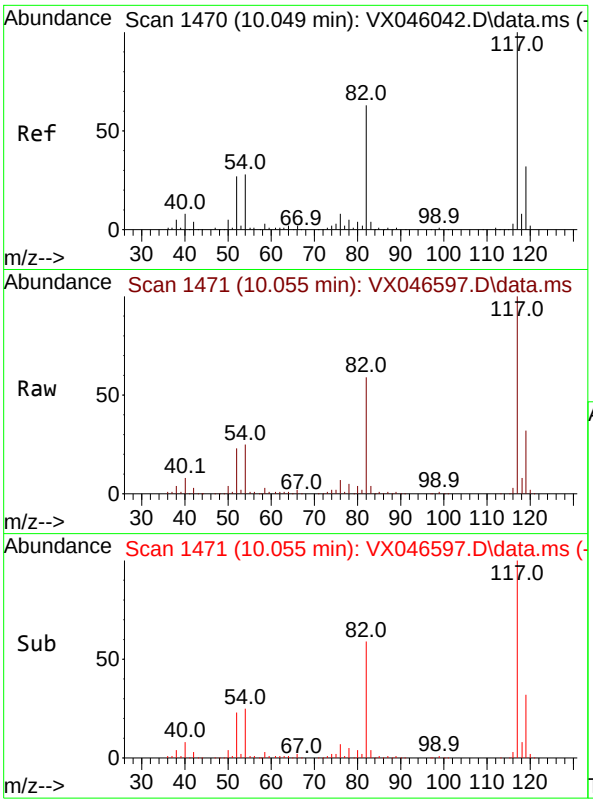


#62
4-Bromofluorobenzene
Concen: 55.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 95 Resp: 123653

Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	135.8
176	66.4	0.0	131.4



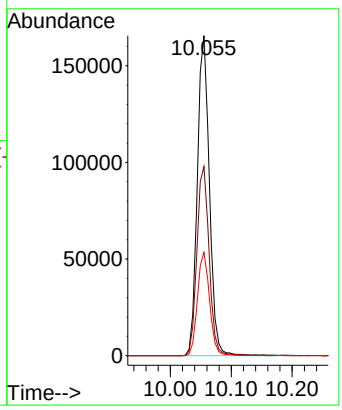


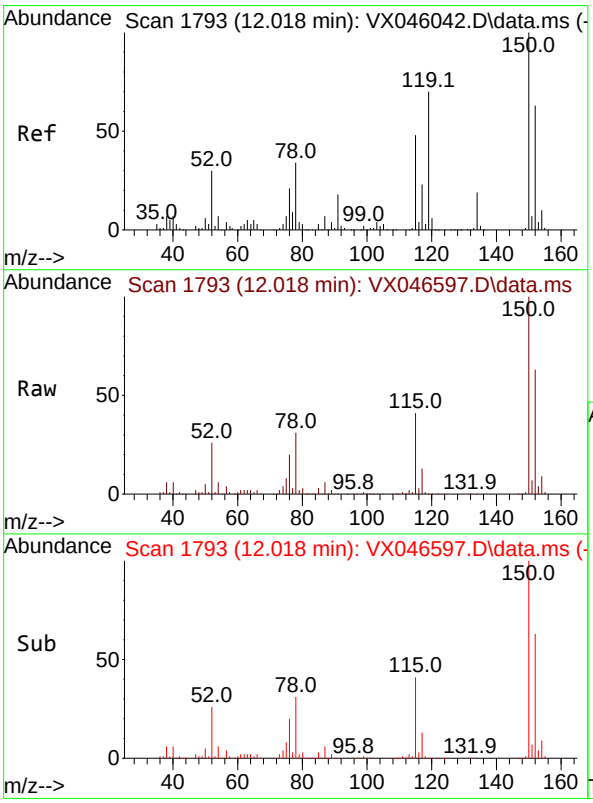
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion:117 Resp: 228335

Ion	Ratio	Lower	Upper
117	100		
82	59.1	50.6	76.0
119	32.3	25.8	38.6

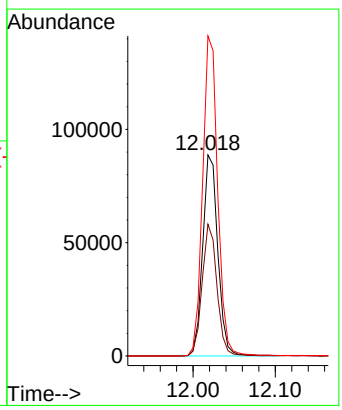




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion:152 Resp: 113693

Ion	Ratio	Lower	Upper
152	100		
115	64.1	46.9	140.7
150	158.7	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046610.D
Acq On : 10 Jun 2025 17:50
Operator : JC/MD
Sample : Q2233-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Quant Time: Jun 11 01:53:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

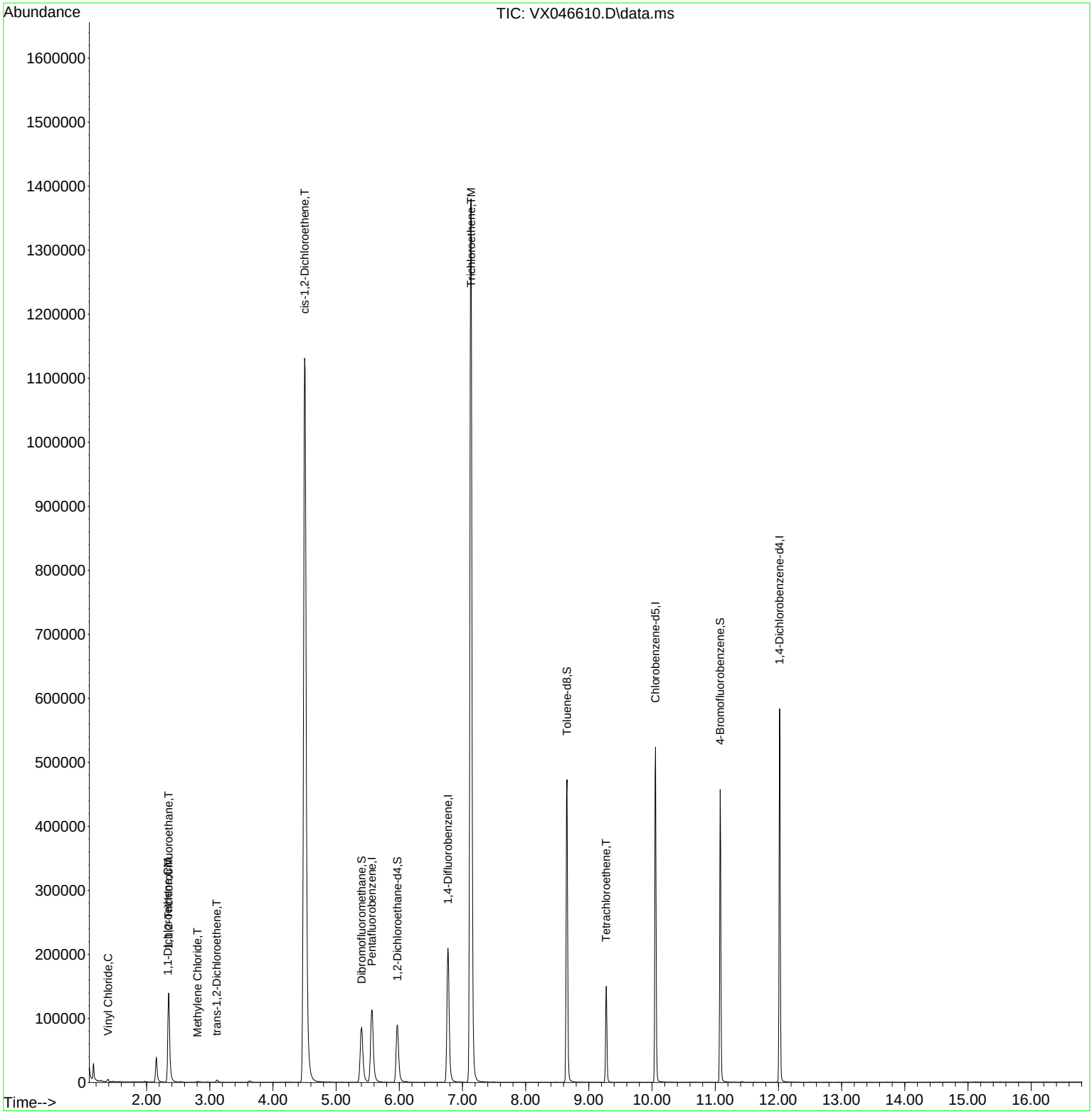
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	109464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	96616	49.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.220%			
35) Dibromofluoromethane	5.403	113	79699	50.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.653	98	283167	54.037	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.080%			
62) 4-Bromofluorobenzene	11.079	95	121181	55.892	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.780%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	2064	1.497	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	61002	42.439	ug/l	98
12) 1,1-Dichloroethene	2.337	96	4513	3.473	ug/l	92
20) Methylene Chloride	2.806	84	617	0.395	ug/l #	76
21) trans-1,2-Dichloroethene	3.111	96	1678	1.220	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	760857	449.392	ug/l	86
44) Trichloroethene	7.135	130	542537	334.073	ug/l	98
64) Tetrachloroethene	9.275	164	26022	17.466	ug/l	95

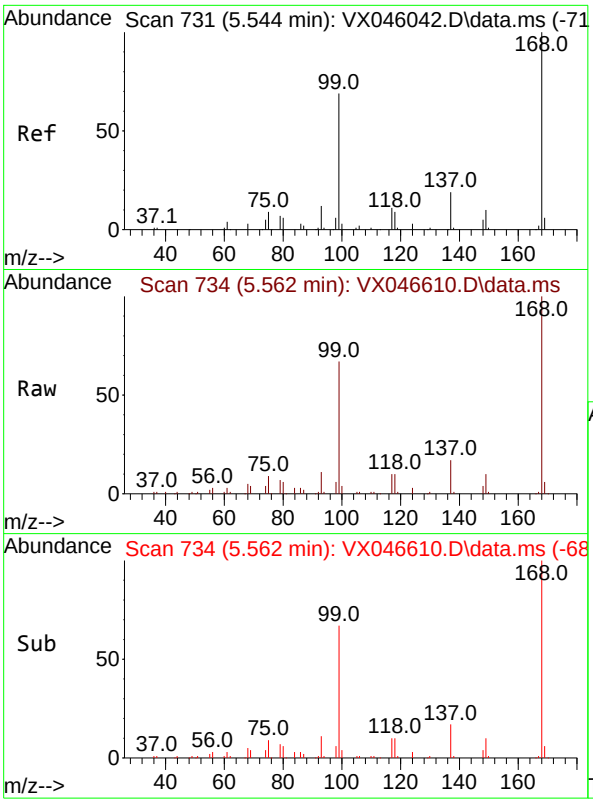
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046610.D
Acq On : 10 Jun 2025 17:50
Operator : JC/MD
Sample : Q2233-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Quant Time: Jun 11 01:53:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



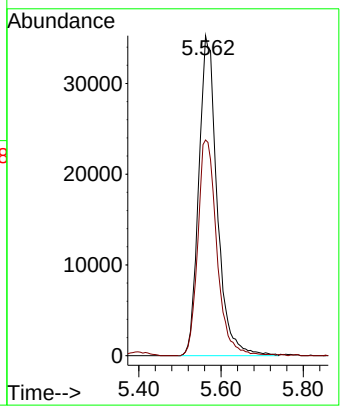


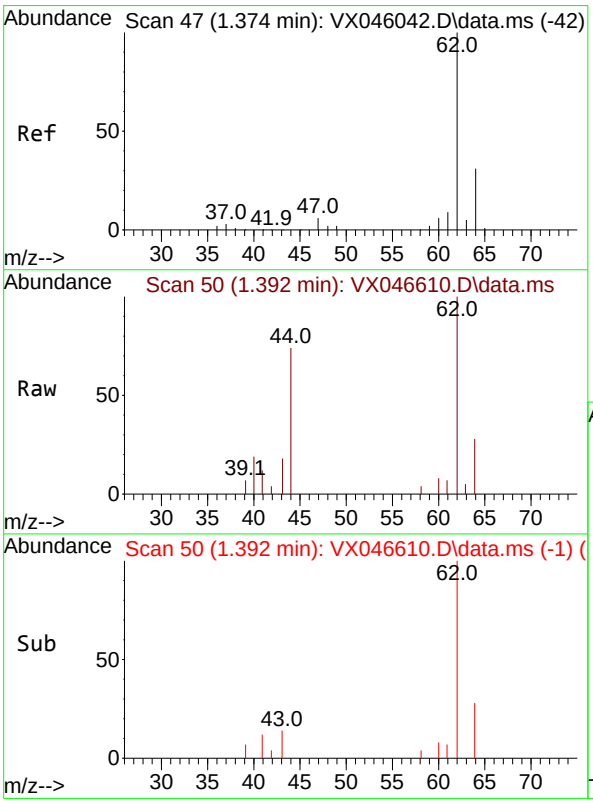
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion:168 Resp: 109464

Ion	Ratio	Lower	Upper
168	100		
99	67.4	54.9	82.3

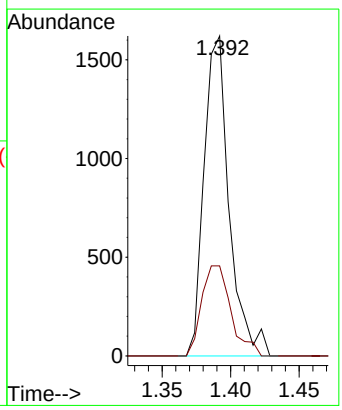




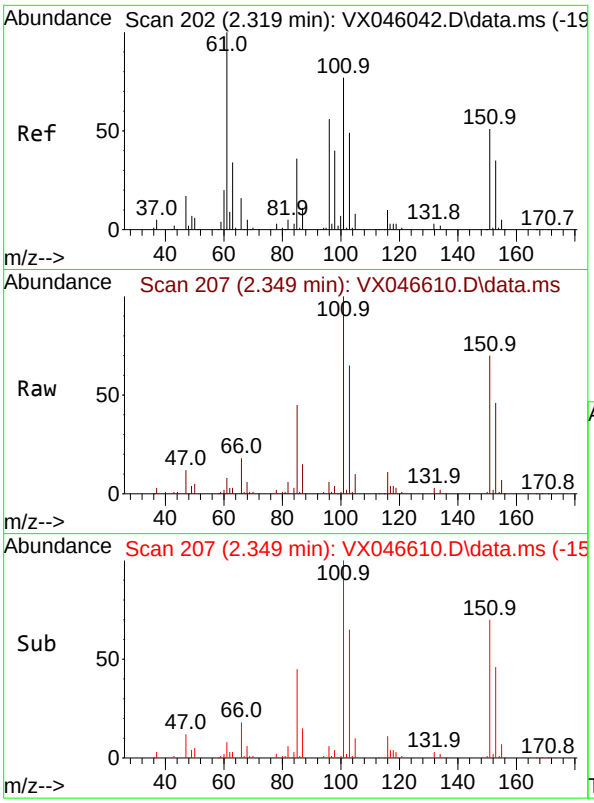
#4
Vinyl Chloride
Concen: 1.497 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 62 Resp: 2064

Ion	Ratio	Lower	Upper
62	100		
64	28.1	25.2	37.8



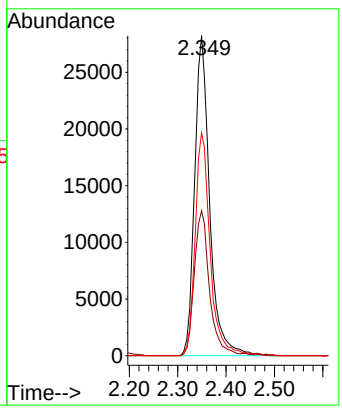
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

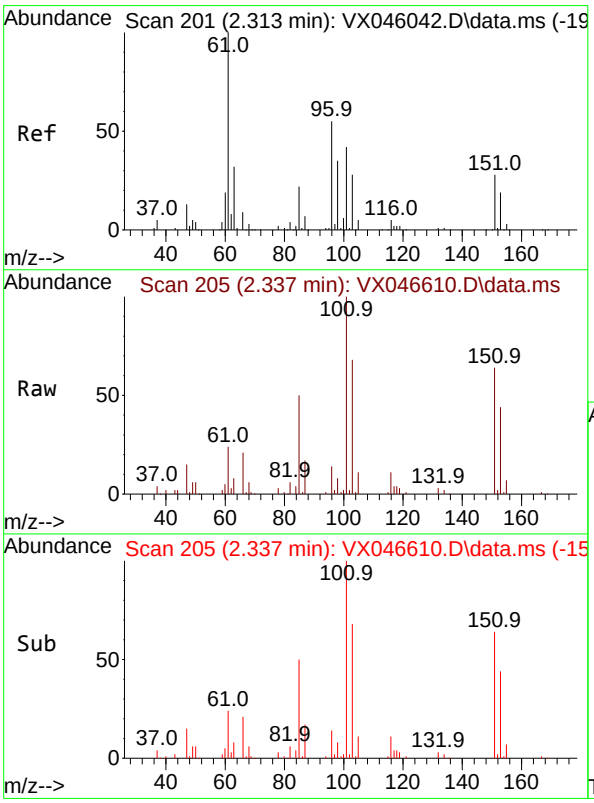


#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.439 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion:101 Resp: 61002

Ion	Ratio	Lower	Upper
101	100		
85	46.0	38.6	58.0
151	69.5	55.2	82.8

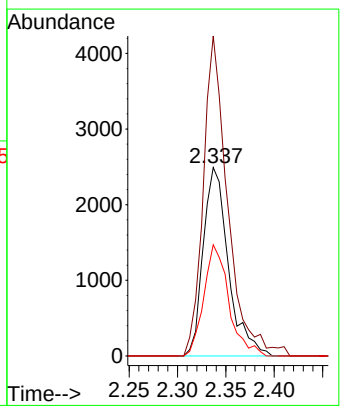


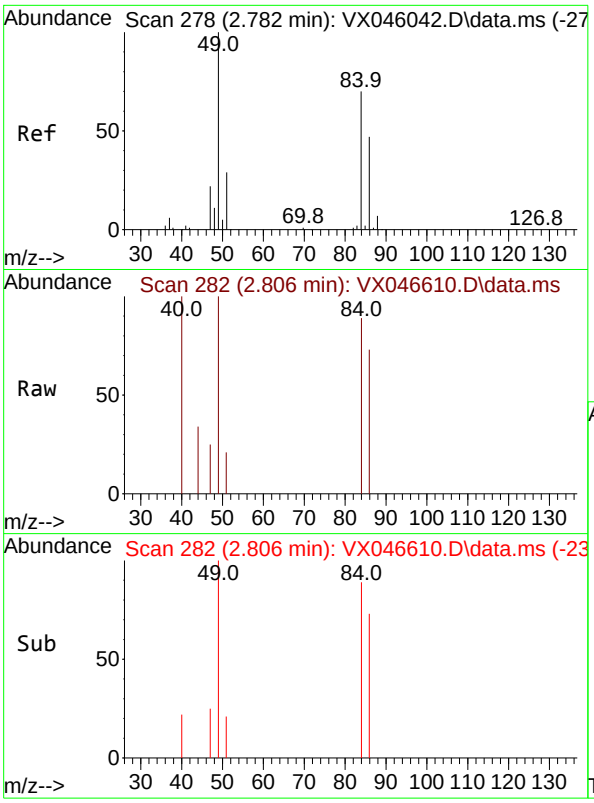


#12
1,1-Dichloroethene
Concen: 3.473 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 96 Resp: 4513

Ion	Ratio	Lower	Upper
96	100		
61	169.7	146.2	219.2
98	59.0	51.0	76.6



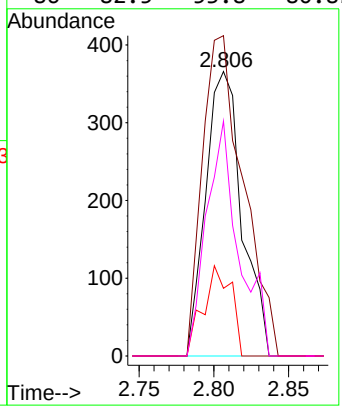


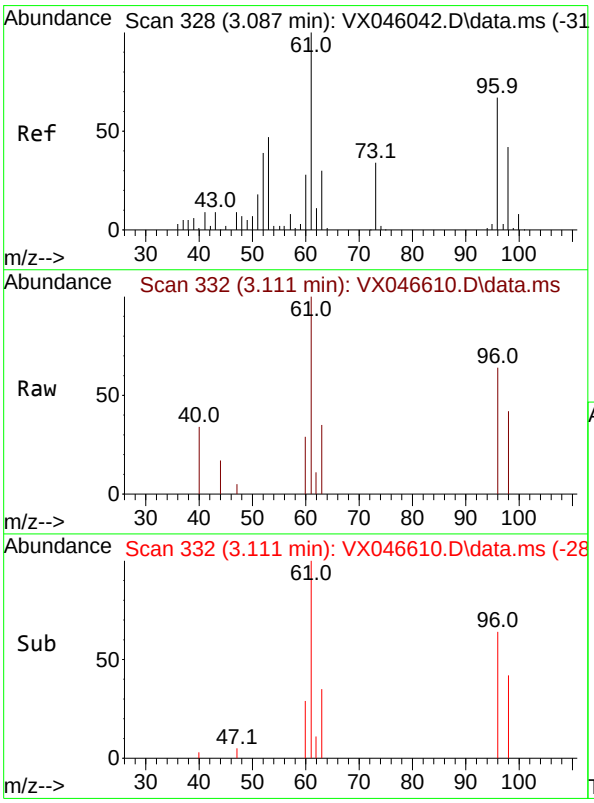
#20
Methylene Chloride
Concen: 0.395 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion: 84 Resp: 617

Ion	Ratio	Lower	Upper
84	100		
49	112.6	113.9	170.9#
51	23.8	33.5	50.3#
86	82.5	53.8	80.8#

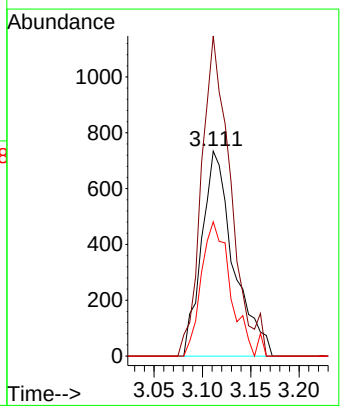




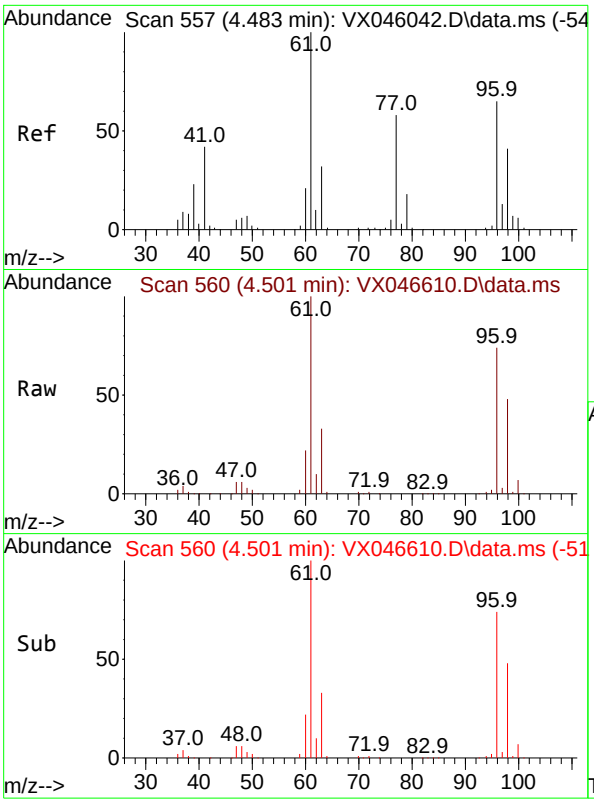
#21
trans-1,2-Dichloroethene
Concen: 1.220 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 96 Resp: 1678

Ion	Ratio	Lower	Upper
96	100		
61	156.3	119.5	179.3
98	65.5	50.0	75.0



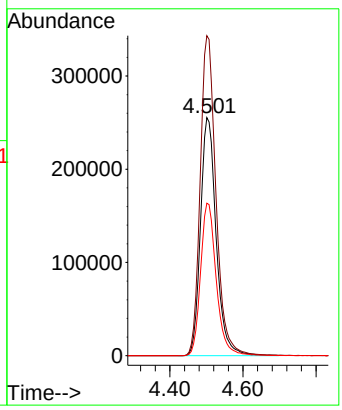
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

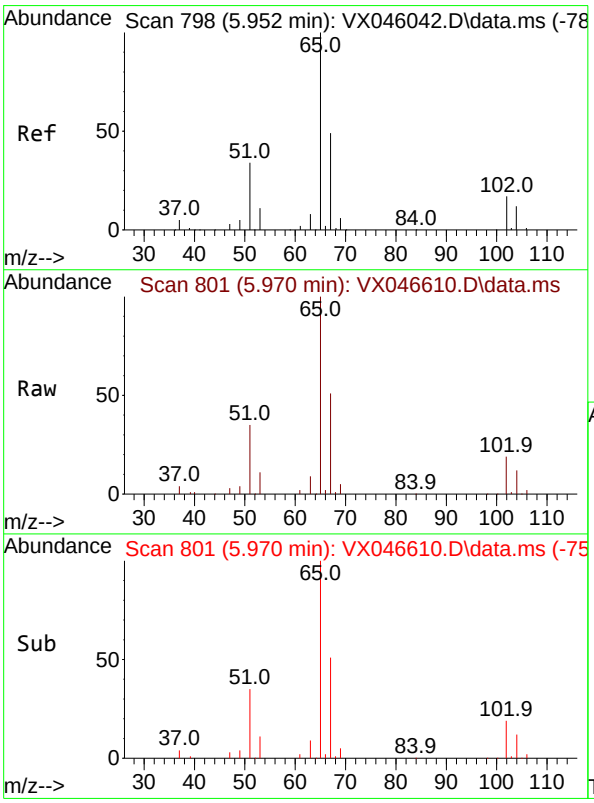


#27
cis-1,2-Dichloroethene
Concen: 449.392 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 96 Resp: 760857

Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	322.8
98	64.0	0.0	129.0

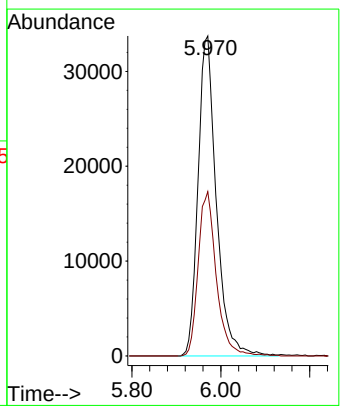


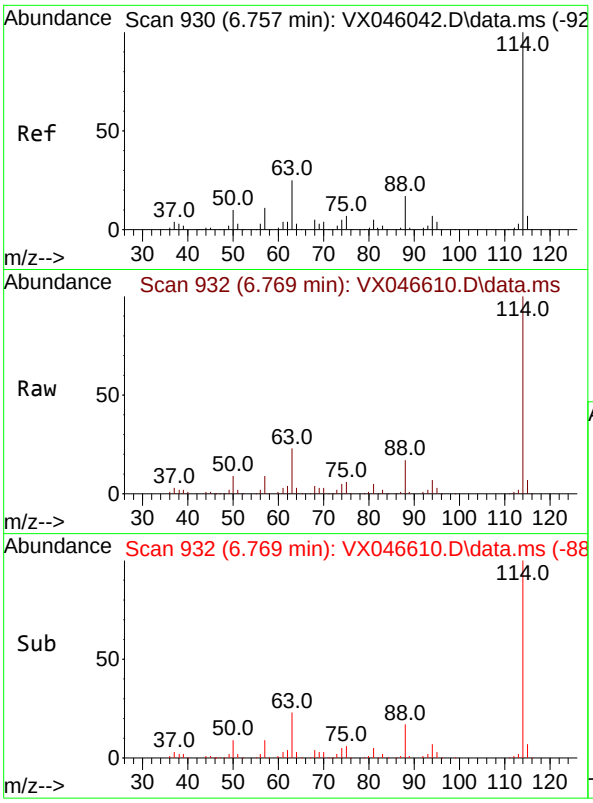


#33
1,2-Dichloroethane-d4
Concen: 49.611 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 65 Resp: 96616

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.0



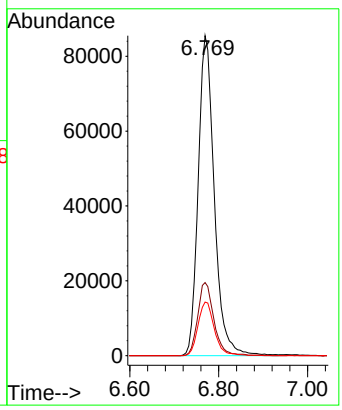


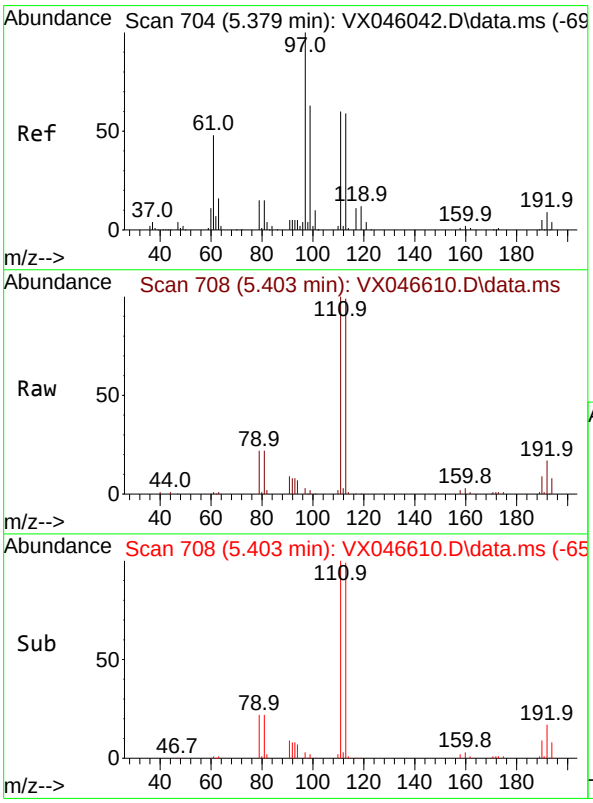
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion:114 Resp: 216135

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	49.2
88	16.8	0.0	33.6

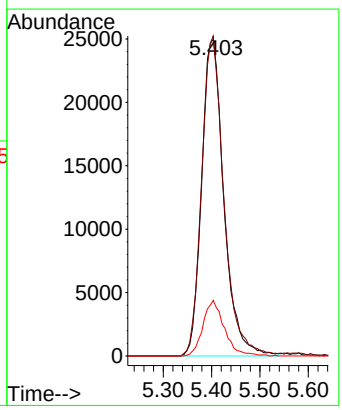


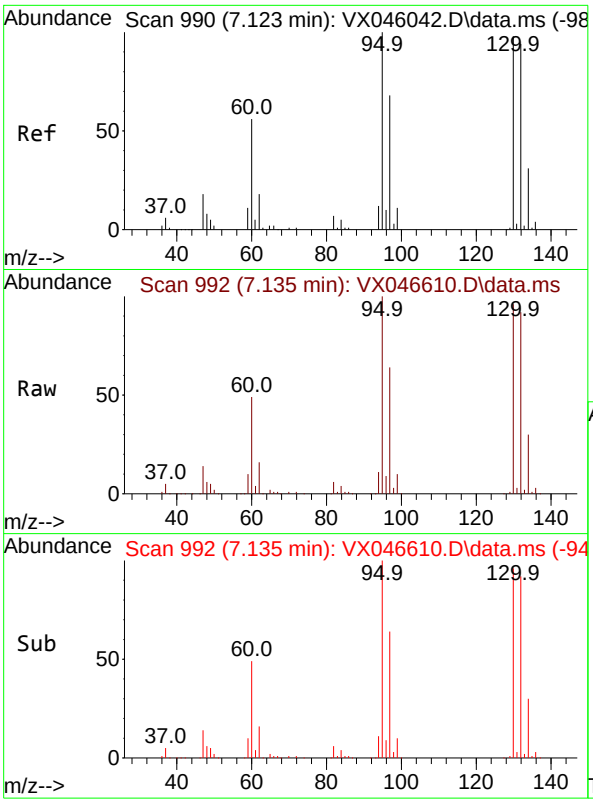


#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion:113 Resp: 79699

Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.1	124.7
192	16.9	13.3	19.9



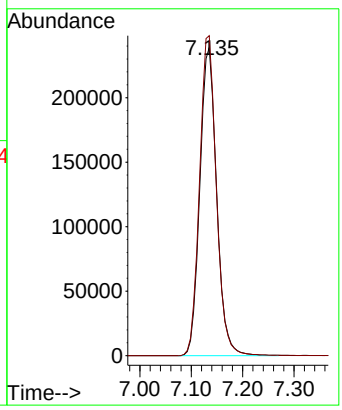


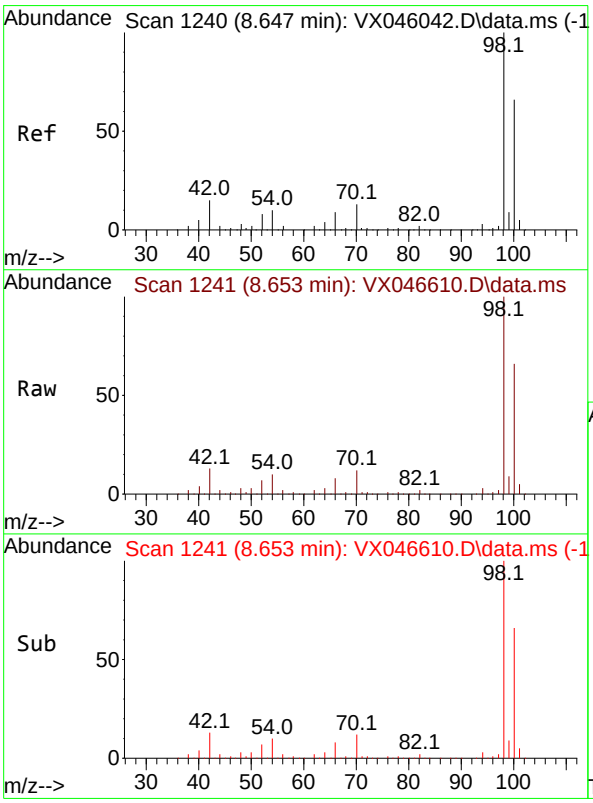
#44
Trichloroethene
Concen: 334.073 ug/l
RT: 7.135 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion:130 Resp: 542537

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	204.2

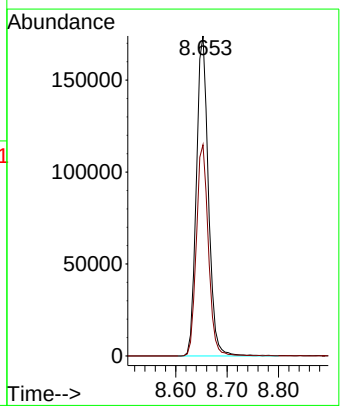


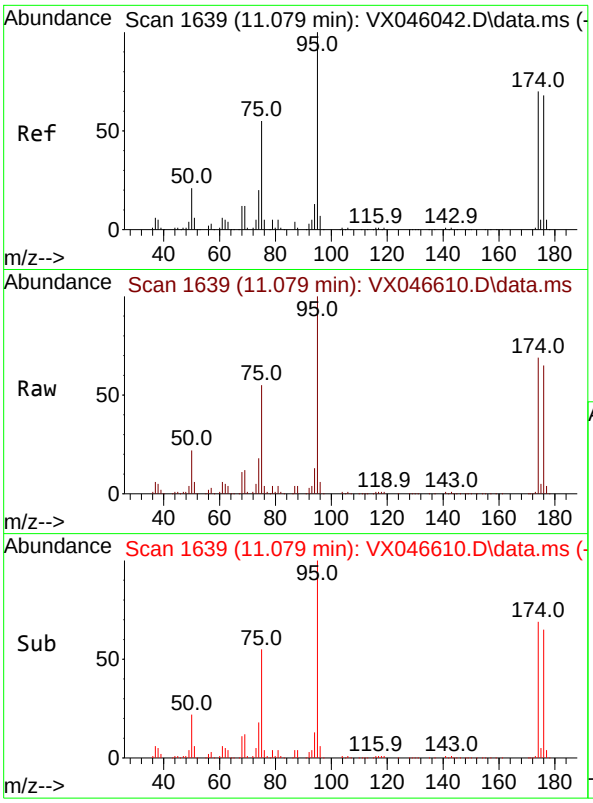


#50
Toluene-d8
Concen: 54.037 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion: 98 Resp: 283167

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3



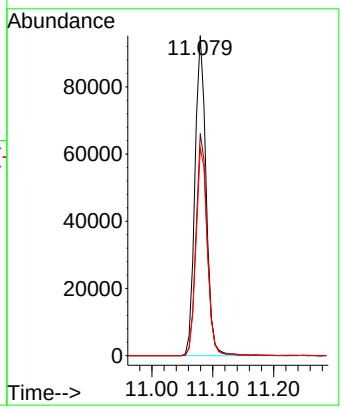


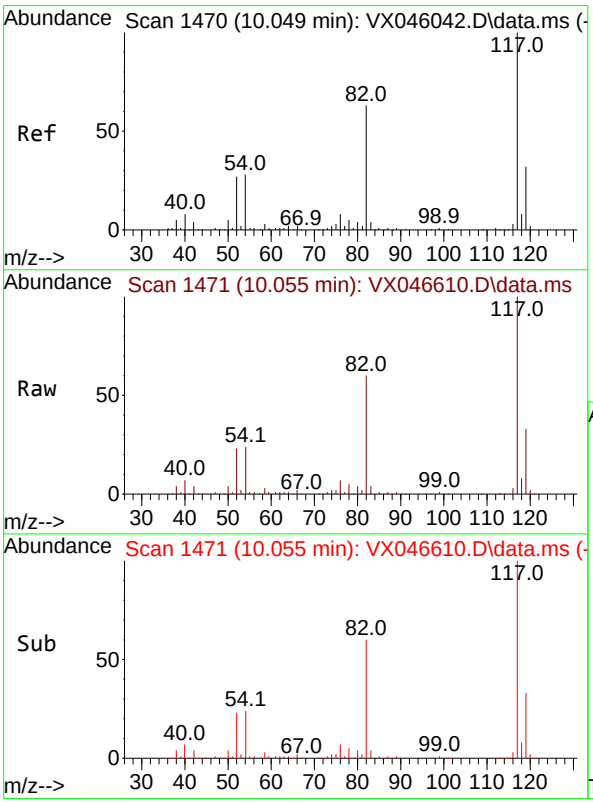
#62
4-Bromofluorobenzene
Concen: 55.892 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion: 95 Resp: 121181

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	135.8
176	65.6	0.0	131.4

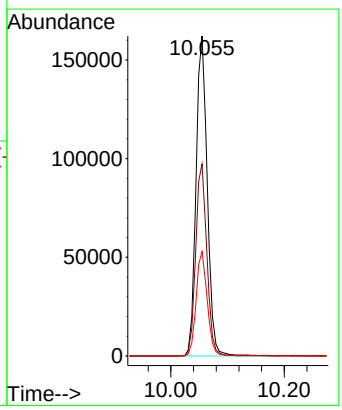


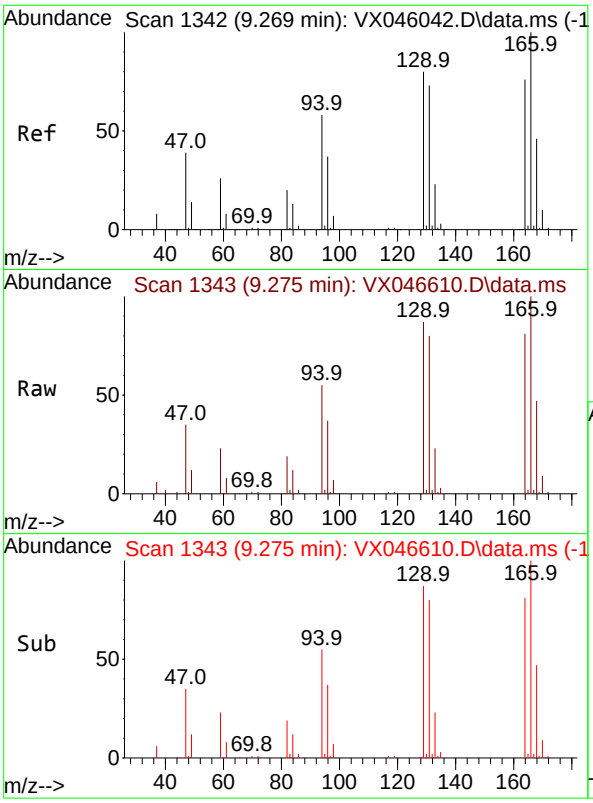


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion:117 Resp: 222806

Ion	Ratio	Lower	Upper
117	100		
82	60.0	50.6	76.0
119	32.7	25.8	38.6



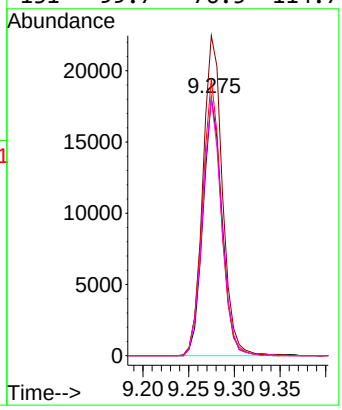


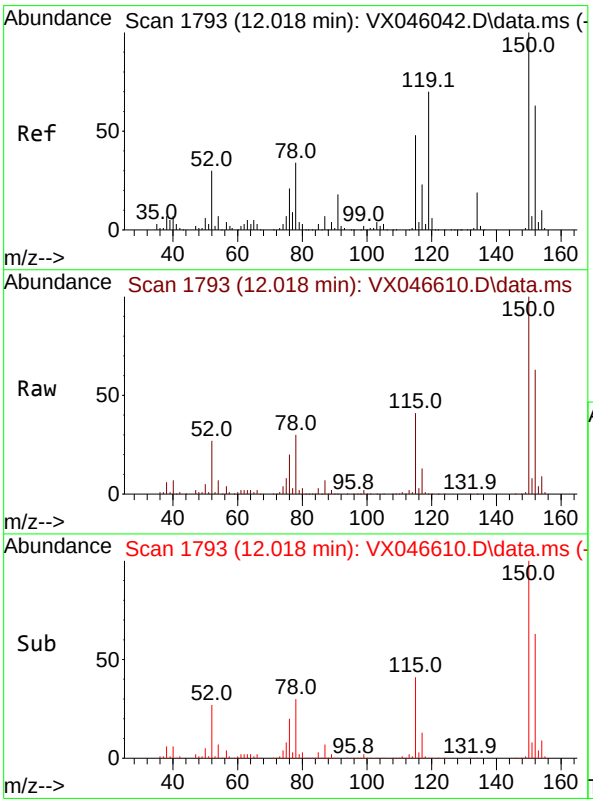
#64
Tetrachloroethene
Concen: 17.466 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425

Tgt Ion:164 Resp: 26022

Ion	Ratio	Lower	Upper
164	100		
166	124.0	105.0	157.6
129	107.4	83.5	125.3
131	99.7	76.5	114.7

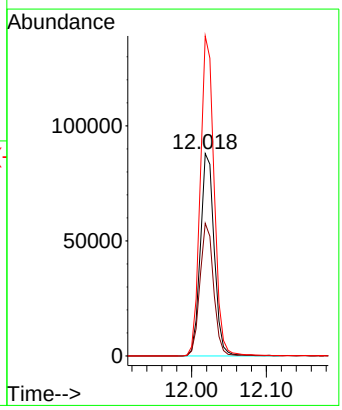




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046610.D
Acq: 10 Jun 2025 17:50

Tgt Ion:152 Resp: 113207

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	158.3	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046598.D
Acq On : 10 Jun 2025 13:34
Operator : JC/MD
Sample : Q2233-04DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Quant Time: Jun 11 01:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

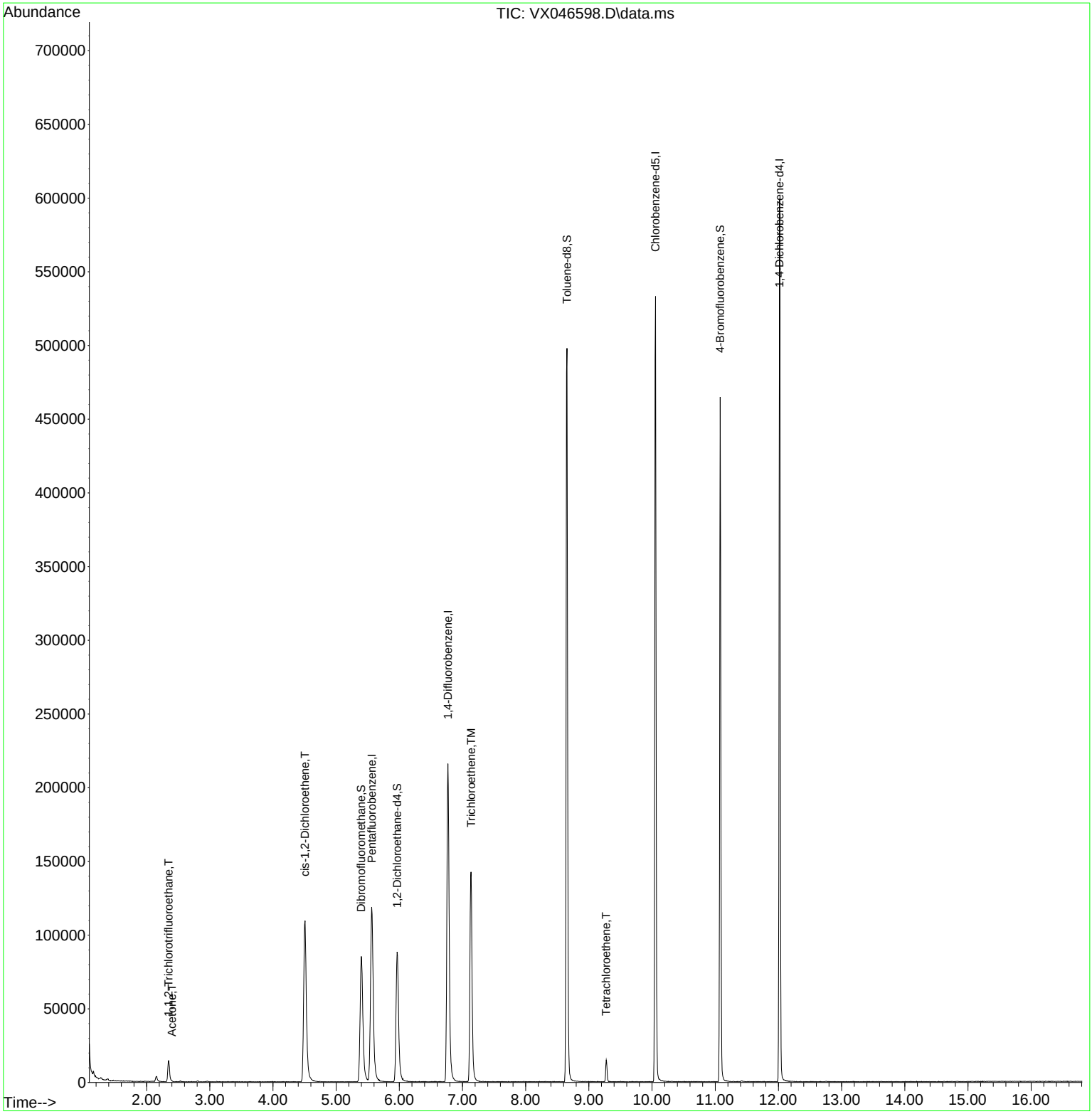
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	114321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94127	46.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.560%			
35) Dibromofluoromethane	5.397	113	79249	48.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	8.653	98	297442	54.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.560%			
62) 4-Bromofluorobenzene	11.079	95	122514	54.537	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.080%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	6291	4.191	ug/l	96
16) Acetone	2.398	43	442	5.138	ug/l	91
27) cis-1,2-Dichloroethene	4.507	96	76787	43.427	ug/l	82
44) Trichloroethene	7.135	130	58002	34.470	ug/l	99
64) Tetrachloroethene	9.275	164	2766	1.791	ug/l	98

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

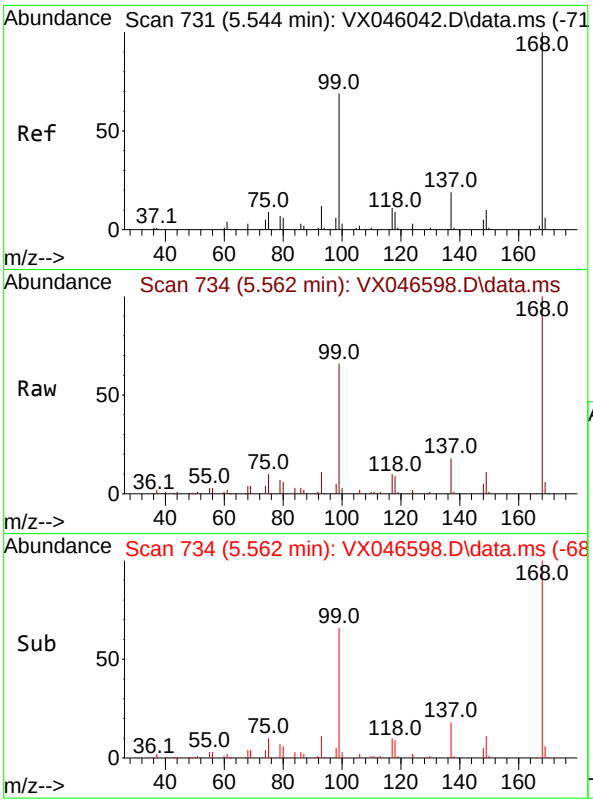
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046598.D
Acq On : 10 Jun 2025 13:34
Operator : JC/MD
Sample : Q2233-04DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Quant Time: Jun 11 01:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



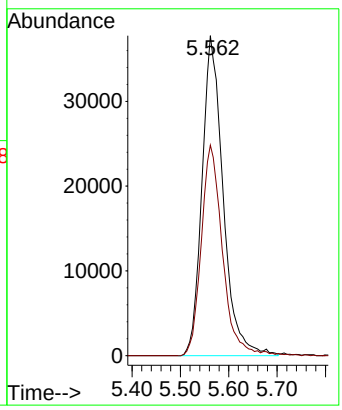
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

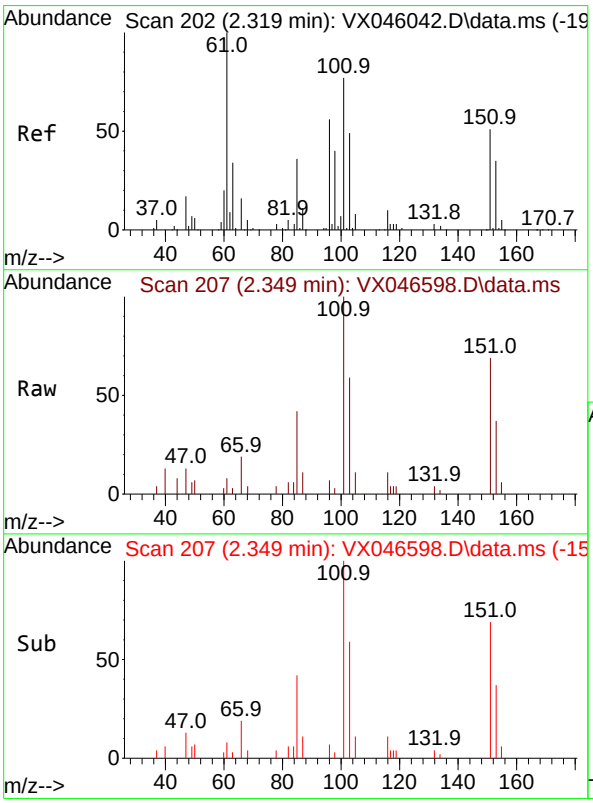


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:168 Resp: 114321

Ion	Ratio	Lower	Upper
168	100		
99	65.8	54.9	82.3

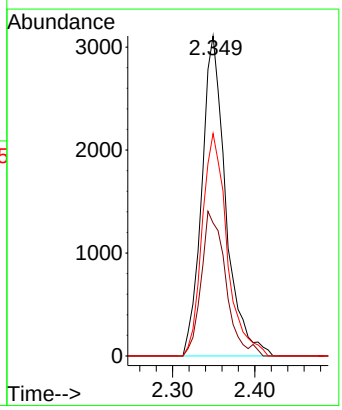


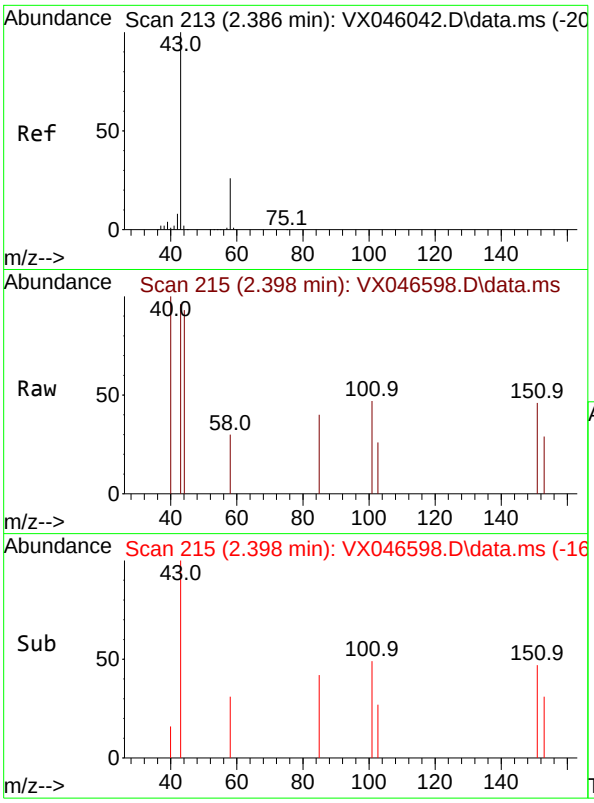


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.191 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:101 Resp: 6291

Ion	Ratio	Lower	Upper
101	100		
85	46.0	38.6	58.0
151	72.2	55.2	82.8



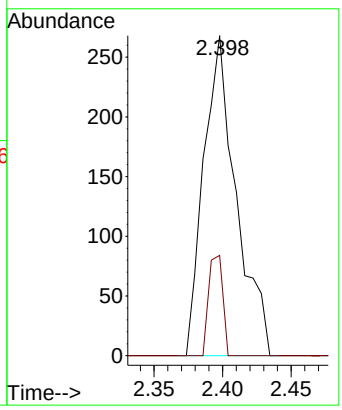


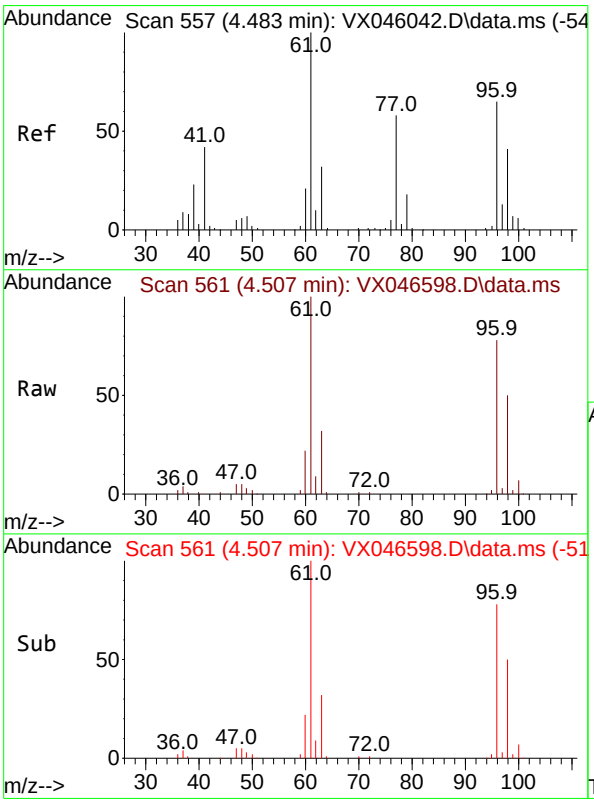
#16
Acetone
Concen: 5.138 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion: 43 Resp: 442

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.2	31.8

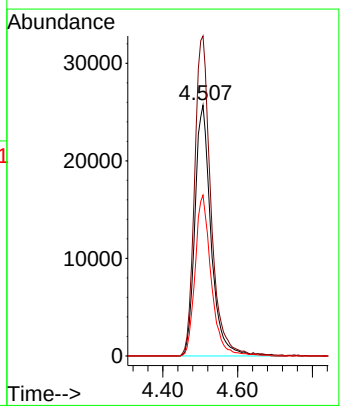


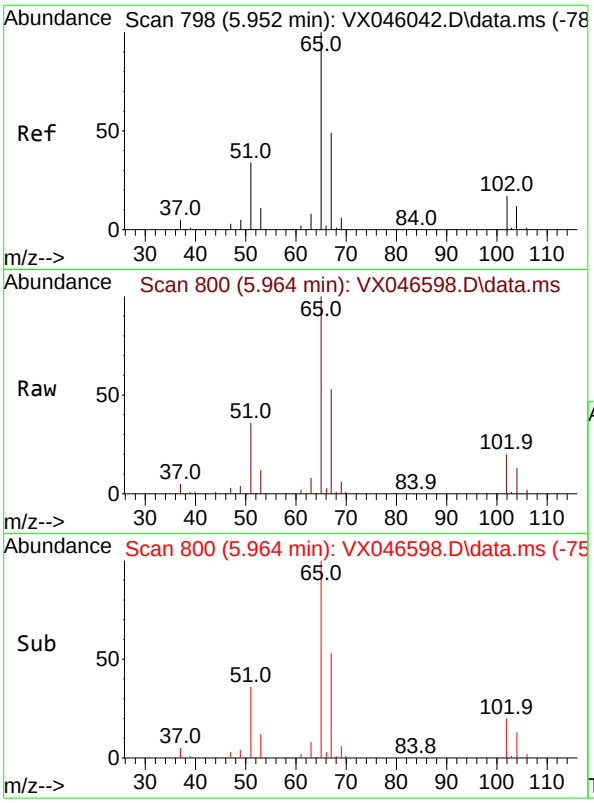


#27
cis-1,2-Dichloroethene
Concen: 43.427 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 96 Resp: 76787

Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	322.8
98	63.8	0.0	129.0



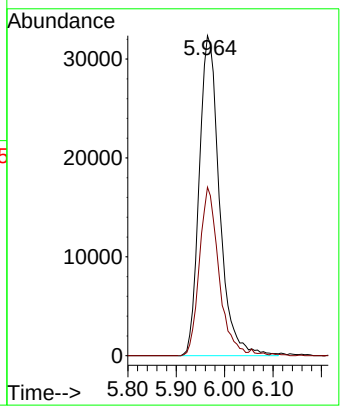


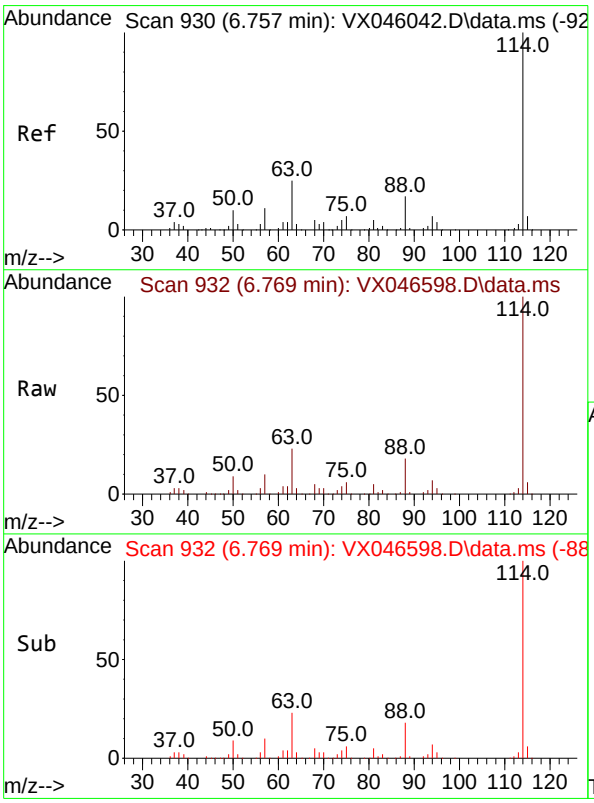
#33
1,2-Dichloroethane-d4
Concen: 46.279 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion: 65 Resp: 94127

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.0

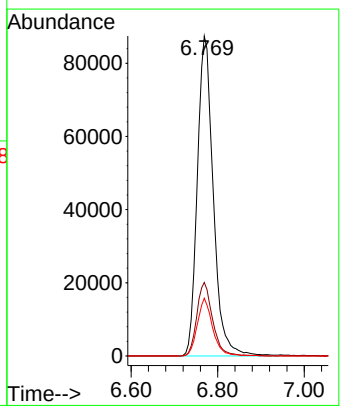




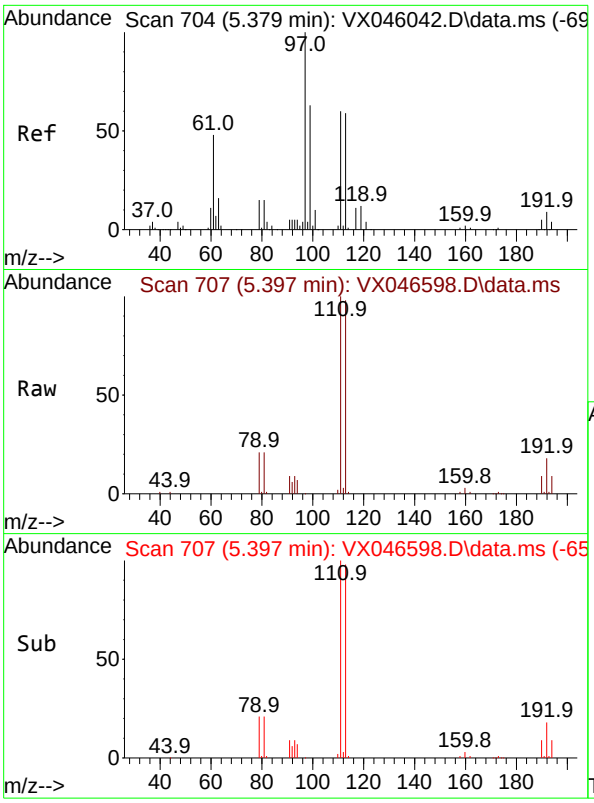
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:114 Resp: 223942

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	18.0	0.0	33.6



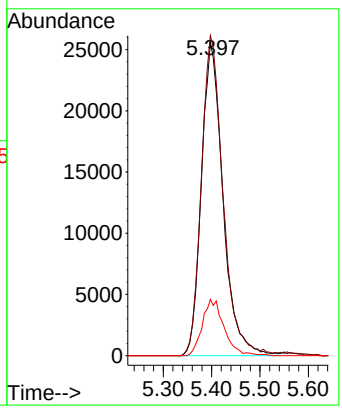
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

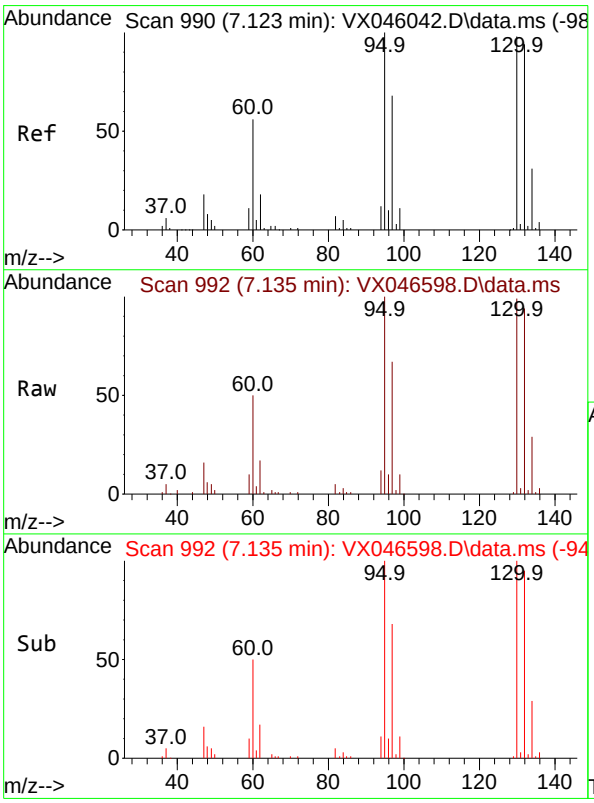


#35
Dibromofluoromethane
Concen: 48.121 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:113 Resp: 79249

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	18.2	13.3	19.9

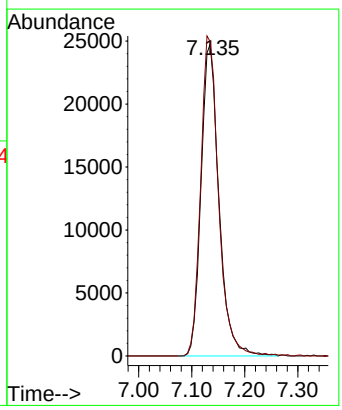


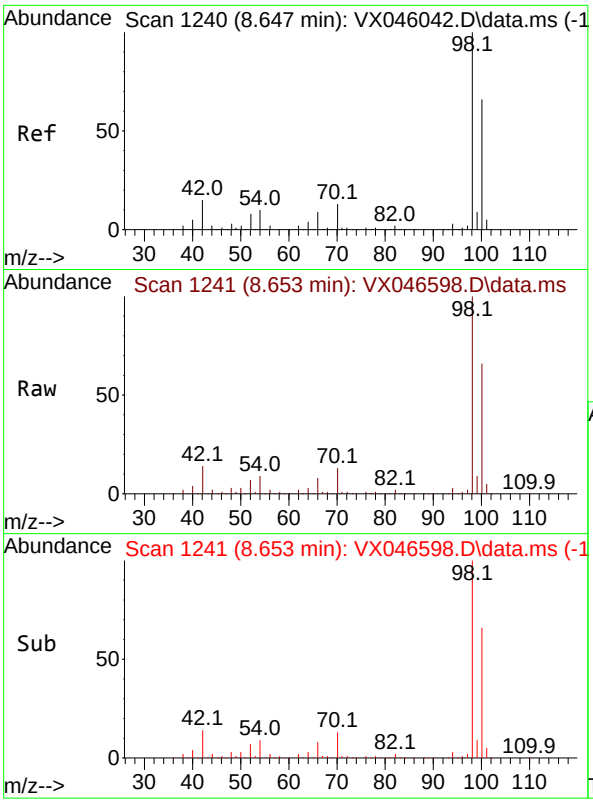


#44
Trichloroethene
Concen: 34.470 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:130 Resp: 58002

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	204.2



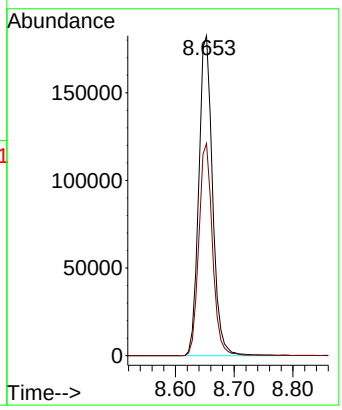


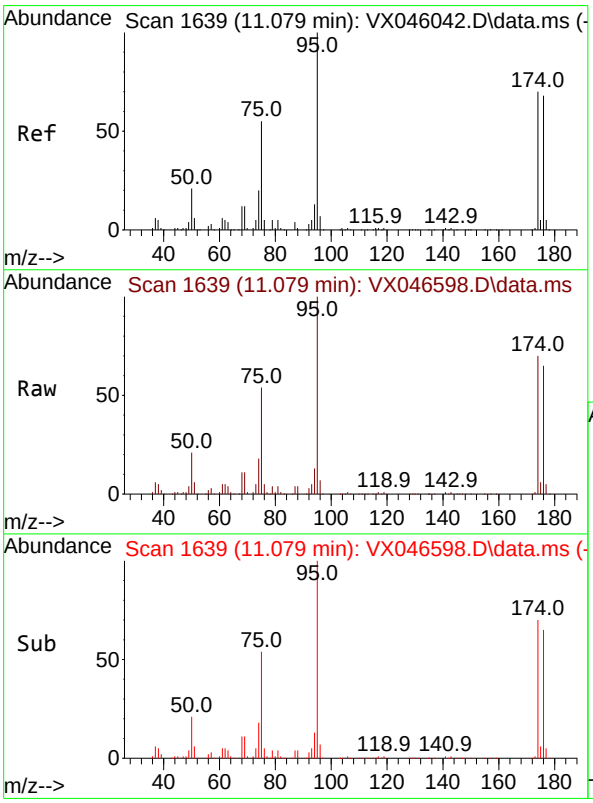
#50
Toluene-d8
Concen: 54.783 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion: 98 Resp: 297442

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3

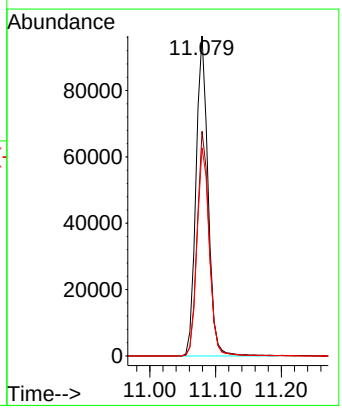


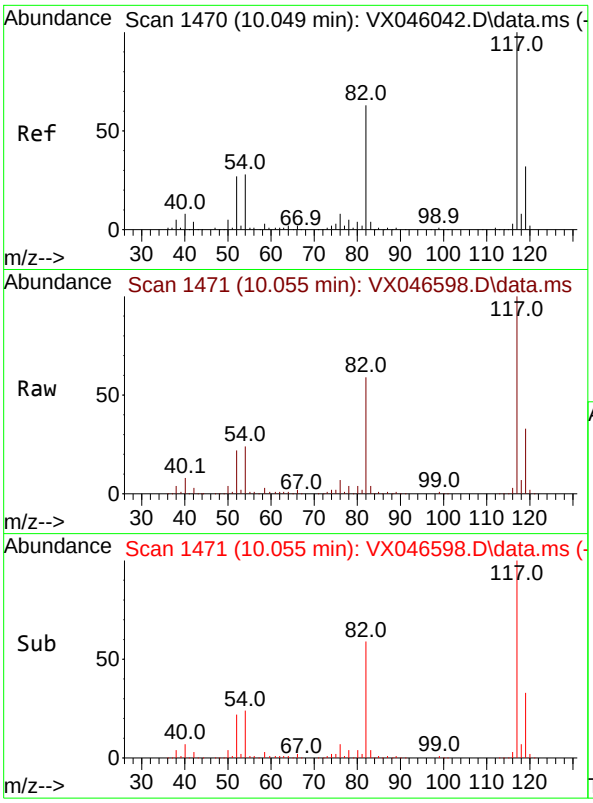


#62
4-Bromofluorobenzene
Concen: 54.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 95 Resp: 122514

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	135.8
176	66.2	0.0	131.4



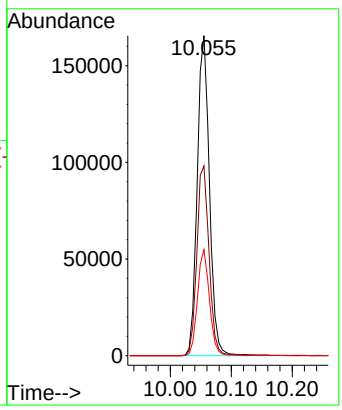


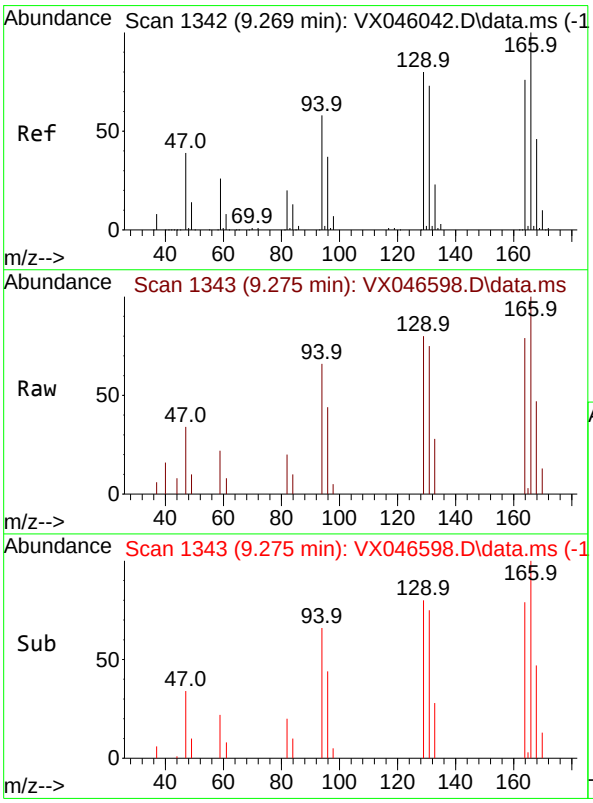
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:117 Resp: 230937

Ion	Ratio	Lower	Upper
117	100		
82	59.3	50.6	76.0
119	33.1	25.8	38.6

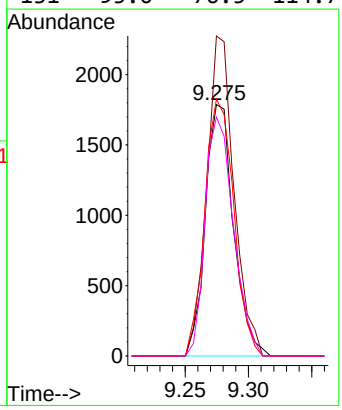


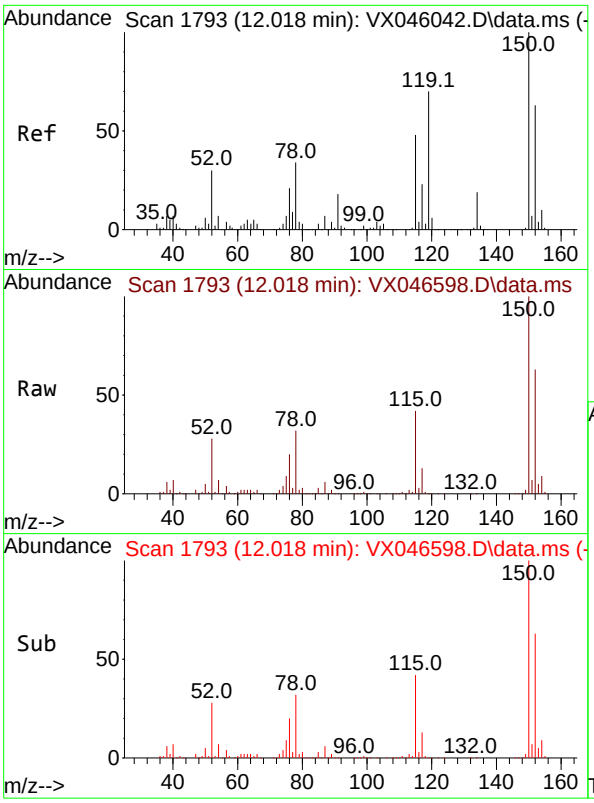


#64
Tetrachloroethene
Concen: 1.791 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:164 Resp: 2766

Ion	Ratio	Lower	Upper
164	100		
166	127.3	105.0	157.6
129	102.2	83.5	125.3
131	95.0	76.5	114.7



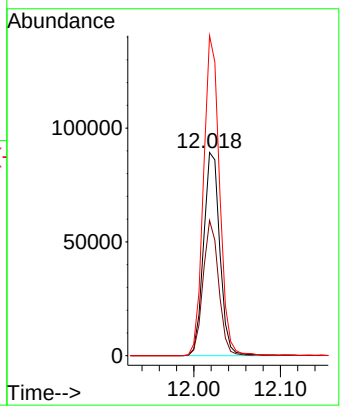


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:152 Resp: 116361

Ion	Ratio	Lower	Upper
152	100		
115	64.4	46.9	140.7
150	155.8	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046588.D
Acq On : 10 Jun 2025 09:57
Operator : JC/MD
Sample : VX0610WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Quant Time: Jun 11 01:42:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	106110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94499	50.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	5.397	113	77970	50.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.647	98	278481	54.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.580%			
62) 4-Bromofluorobenzene	11.079	95	116202	54.757	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.520%			

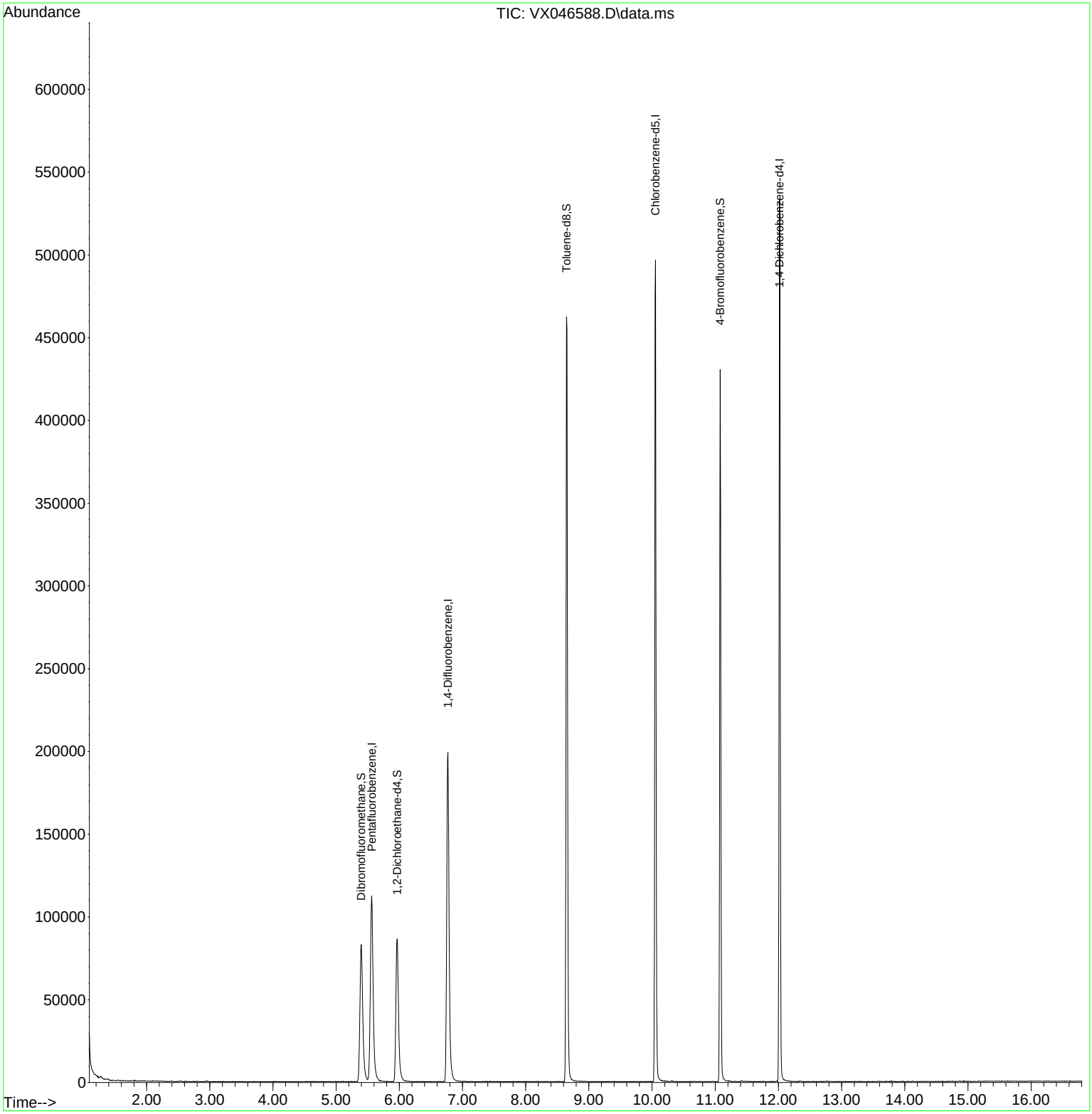
Target Compounds Qvalue

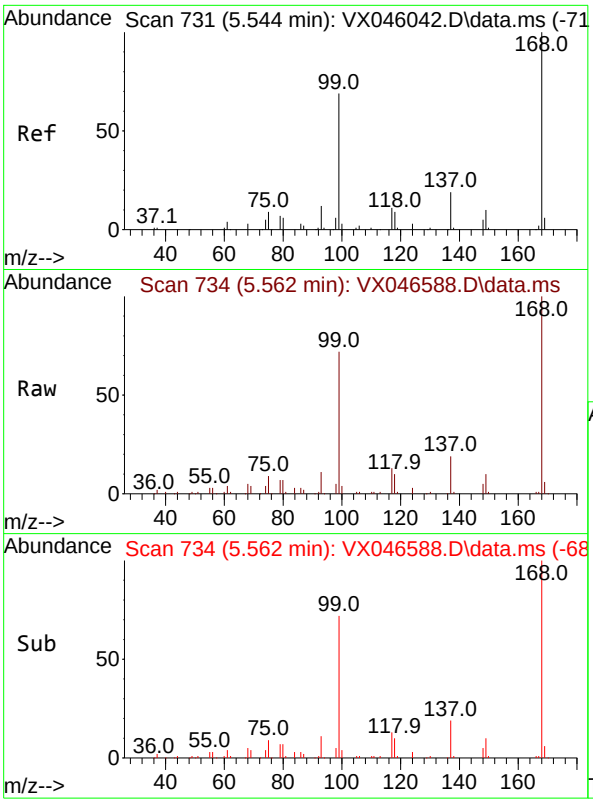
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046588.D
Acq On : 10 Jun 2025 09:57
Operator : JC/MD
Sample : VX0610WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Quant Time: Jun 11 01:42:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



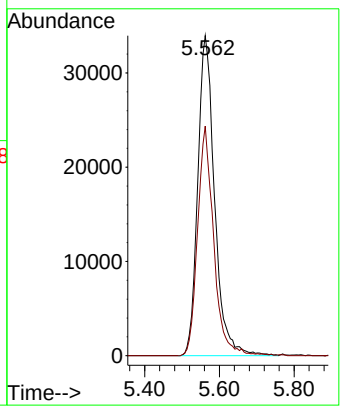


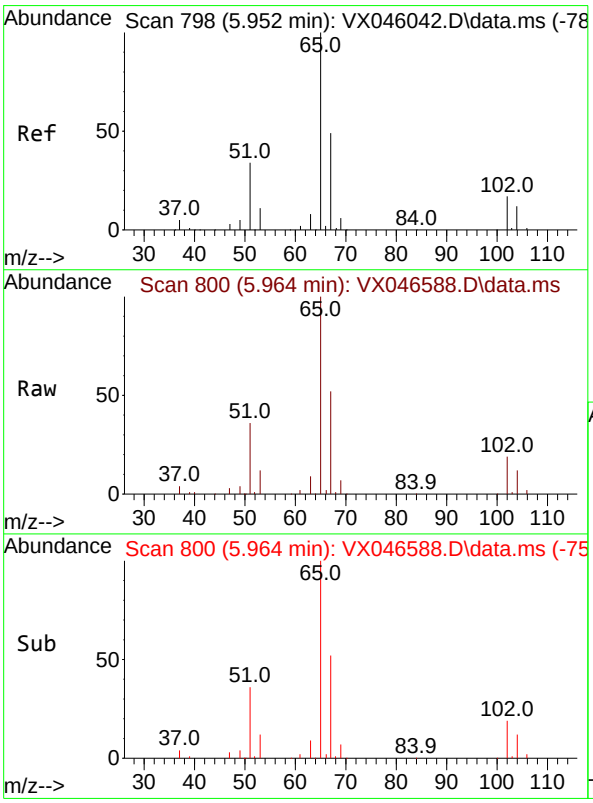
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion:168 Resp: 106110

Ion	Ratio	Lower	Upper
168	100		
99	71.7	54.9	82.3

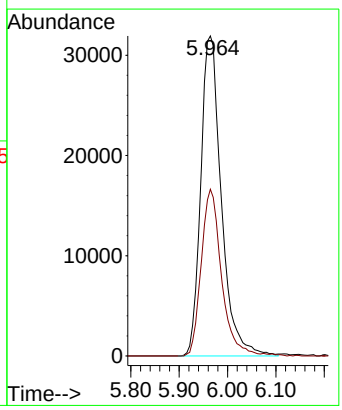


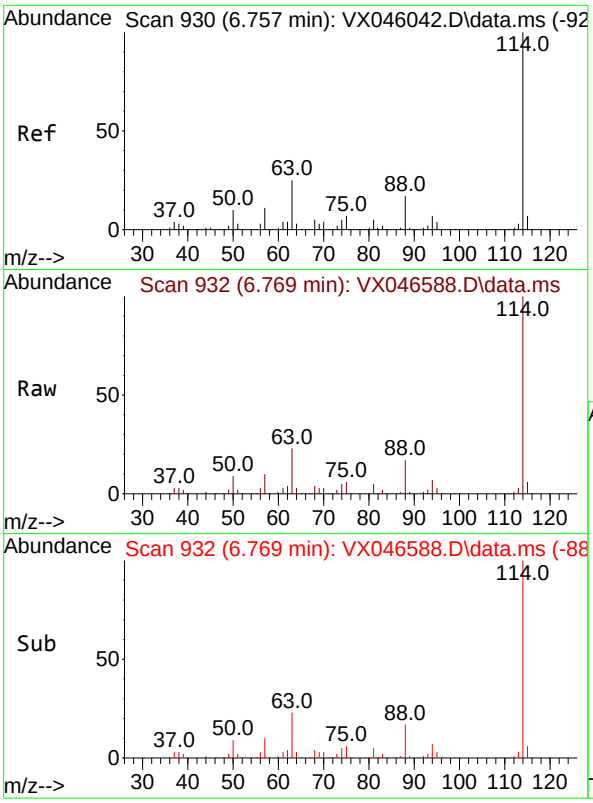


#33
1,2-Dichloroethane-d4
Concen: 50.058 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion: 65 Resp: 94499

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0



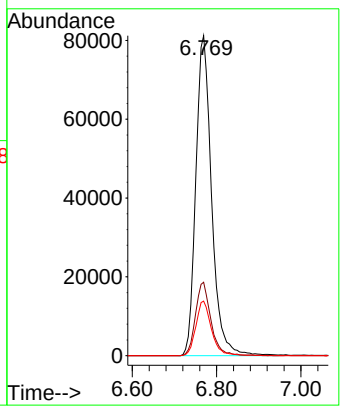


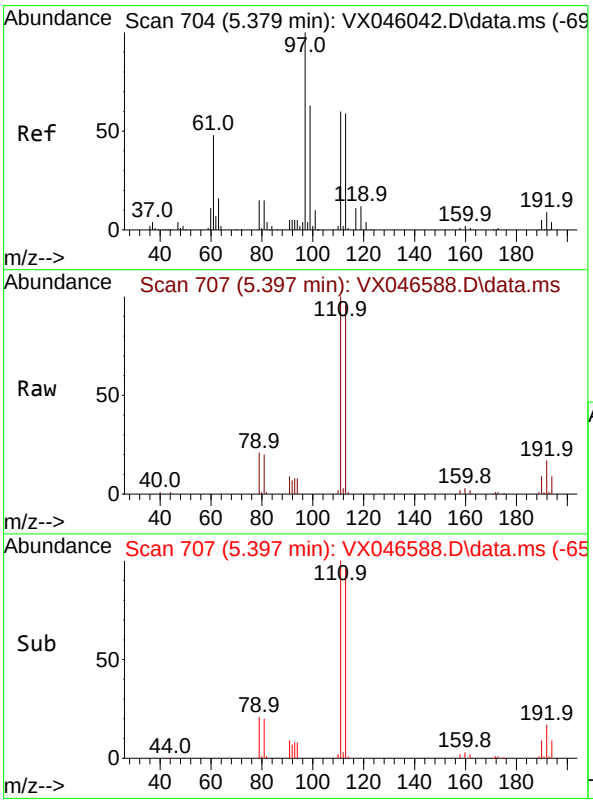
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion:114 Resp: 211553

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	17.1	0.0	33.6

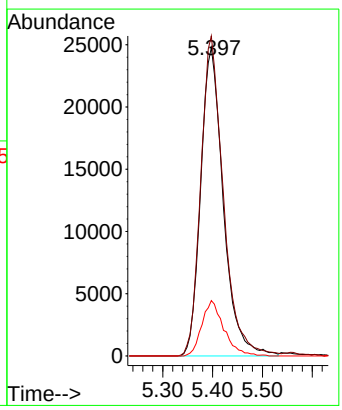


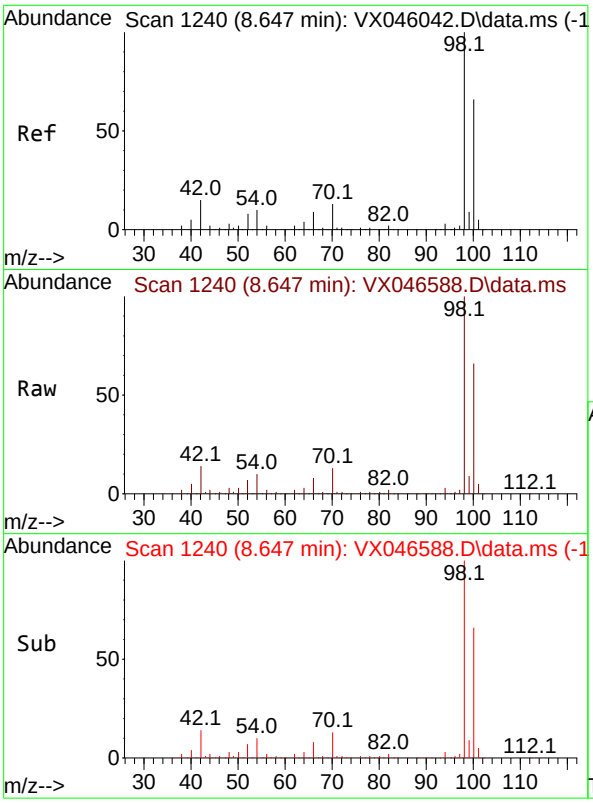


#35
Dibromofluoromethane
Concen: 50.117 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:113 Resp: 77970

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	17.6	13.3	19.9



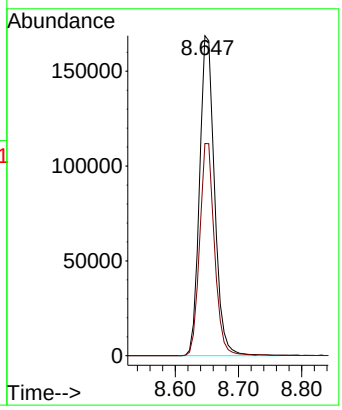


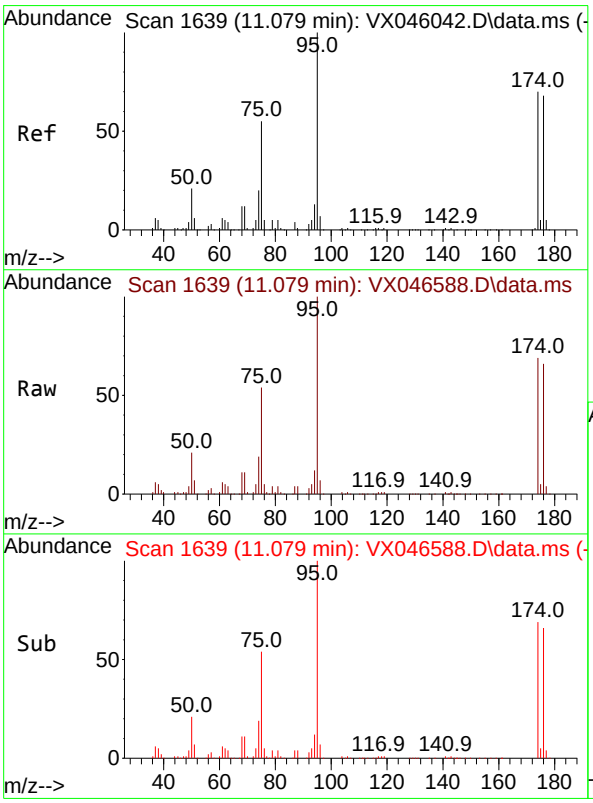
#50
Toluene-d8
Concen: 54.294 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion: 98 Resp: 278481

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

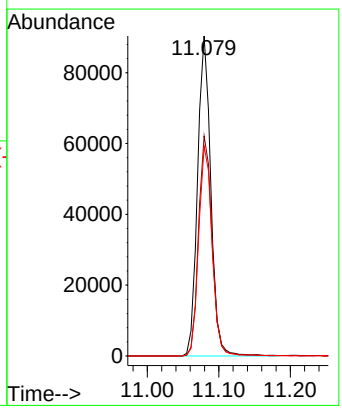




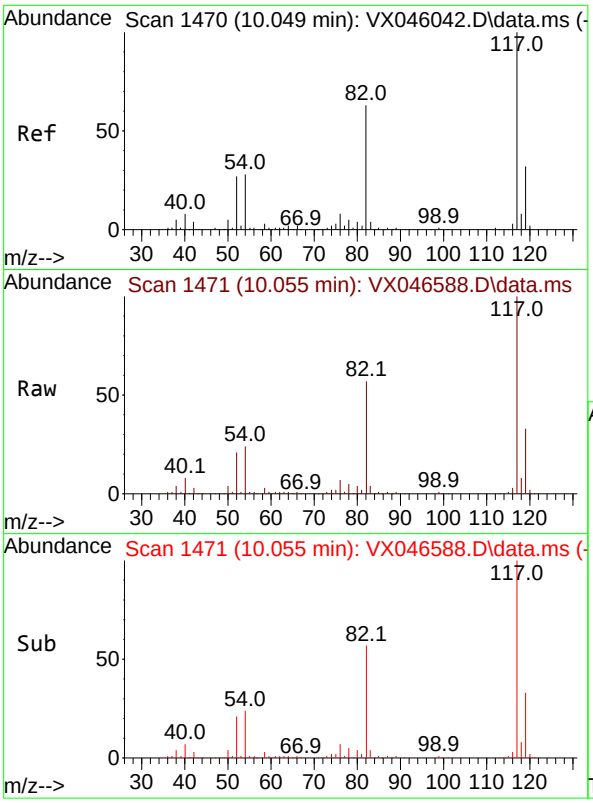
#62
4-Bromofluorobenzene
Concen: 54.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion: 95 Resp: 116202

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	135.8
176	66.7	0.0	131.4



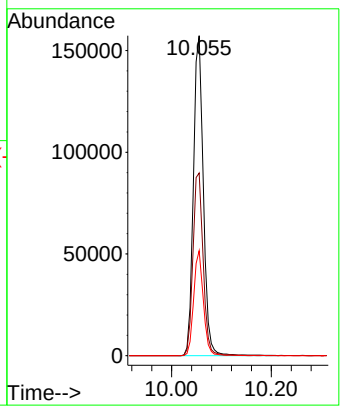
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

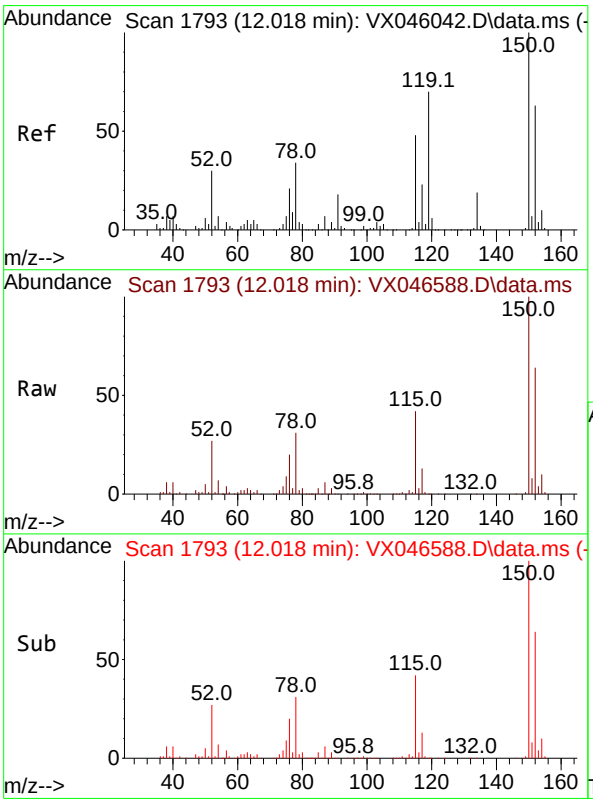


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:117 Resp: 217338

Ion	Ratio	Lower	Upper
117	100		
82	57.1	50.6	76.0
119	32.8	25.8	38.6

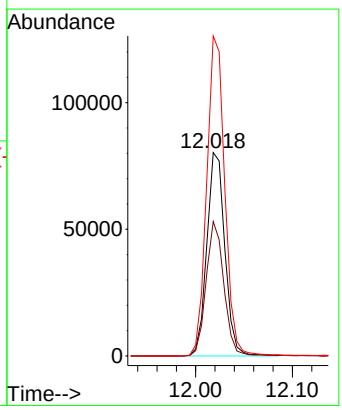




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:152 Resp: 104374

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	157.8	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	84052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70828	47.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.720%			
35) Dibromofluoromethane	5.397	113	55906	52.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.647	98	179208	51.507	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	11.079	95	76446	53.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	21364	18.308	ug/l	100
3) Chloromethane	1.307	50	19522	18.380	ug/l	96
4) Vinyl Chloride	1.386	62	19755	18.658	ug/l	95
5) Bromomethane	1.630	94	12259	19.072	ug/l	100
6) Chloroethane	1.703	64	11361	16.538	ug/l #	87
7) Trichlorofluoromethane	1.904	101	31526	17.996	ug/l	97
8) Diethyl Ether	2.148	74	10811	17.466	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	21056	19.078	ug/l	95
10) Methyl Iodide	2.465	142	24545	20.515	ug/l	96
11) Tert butyl alcohol	2.959	59	11873	71.554	ug/l	97
12) 1,1-Dichloroethene	2.337	96	19187	19.227	ug/l	85
13) Acrolein	2.251	56	15557	98.221	ug/l	100
14) Allyl chloride	2.684	41	34982	17.850	ug/l	93
15) Acrylonitrile	3.075	53	58538	93.306	ug/l	98
16) Acetone	2.392	43	44483	78.955	ug/l	93
17) Carbon Disulfide	2.526	76	39330	18.689	ug/l	99
18) Methyl Acetate	2.715	43	32974	18.512	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	70651	20.234	ug/l	98
20) Methylene Chloride	2.806	84	22844	19.042	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	20405	19.322	ug/l	93
22) Diisopropyl ether	3.776	45	81863	21.187	ug/l #	82
23) Vinyl Acetate	3.733	43	295594	99.089	ug/l	100
24) 1,1-Dichloroethane	3.629	63	43840	20.358	ug/l	98
25) 2-Butanone	4.568	43	72292	86.843	ug/l	98
26) 2,2-Dichloropropane	4.489	77	32929	20.598	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	26773	20.594	ug/l	95
28) Bromochloromethane	4.916	49	20852	20.302	ug/l	99
29) Tetrahydrofuran	5.019	42	45988	87.477	ug/l	100
30) Chloroform	5.105	83	47450	21.029	ug/l	99
31) Cyclohexane	5.483	56	33142	19.064	ug/l	89
32) 1,1,1-Trichloroethane	5.397	97	39813	20.627	ug/l	97
36) 1,1-Dichloropropene	5.702	75	29838	19.793	ug/l	99
37) Ethyl Acetate	4.733	43	29233	19.869	ug/l	98
38) Carbon Tetrachloride	5.690	117	34504	20.435	ug/l	99
39) Methylcyclohexane	7.385	83	34288	19.270	ug/l	99
40) Benzene	6.050	78	88942	20.958	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	16637	18.209	ug/l		93
42) 1,2-Dichloroethane	6.098	62	36740	20.810	ug/l		99
43) Isopropyl Acetate	6.348	43	49580	19.330	ug/l		100
44) Trichloroethene	7.129	130	21670	20.097	ug/l		99
45) 1,2-Dichloropropane	7.433	63	23739	21.672	ug/l		99
46) Dibromomethane	7.586	93	17188	20.858	ug/l		98
47) Bromodichloromethane	7.824	83	37295	22.011	ug/l		95
48) Methyl methacrylate	7.696	41	25179	19.079	ug/l		95
49) 1,4-Dioxane	7.659	88	6473	366.785	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.573	43	160847	98.684	ug/l		100
52) Toluene	8.720	92	55219	21.179	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	31694	20.862	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35775	21.180	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	22559	21.553	ug/l		95
56) Ethyl methacrylate	9.116	69	32654	20.274	ug/l		95
57) 1,3-Dichloropropane	9.311	76	39081	21.129	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	81610	93.023	ug/l		98
59) 2-Hexanone	9.433	43	111008	94.963	ug/l		99
60) Dibromochloromethane	9.518	129	27795	22.577	ug/l		97
61) 1,2-Dibromoethane	9.610	107	22620	20.739	ug/l		98
64) Tetrachloroethene	9.275	164	17851	20.312	ug/l		94
65) Chlorobenzene	10.079	112	62603	20.253	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22301	21.351	ug/l		99
67) Ethyl Benzene	10.195	91	109725	20.334	ug/l		98
68) m/p-Xylenes	10.299	106	81525	41.649	ug/l		98
69) o-Xylene	10.640	106	40019	21.137	ug/l		98
70) Styrene	10.652	104	69335	21.393	ug/l		99
71) Bromoform	10.799	173	16884	21.200	ug/l	#	99
73) Isopropylbenzene	10.963	105	108394	20.212	ug/l		99
74) N-amyl acetate	10.841	43	43808	18.549	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34119	19.876	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	27186m	18.813	ug/l		
77) Bromobenzene	11.195	156	26036	20.916	ug/l		96
78) n-propylbenzene	11.305	91	129891	20.011	ug/l		100
79) 2-Chlorotoluene	11.366	91	78249	19.991	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	91704	20.520	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8748	17.463	ug/l		98
82) 4-Chlorotoluene	11.451	91	93212	20.090	ug/l		97
83) tert-Butylbenzene	11.713	119	92923	20.426	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	94205	20.838	ug/l		99
85) sec-Butylbenzene	11.890	105	119911	20.513	ug/l		100
86) p-Isopropyltoluene	12.006	119	98241	20.160	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	48297	19.981	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	49276	19.673	ug/l		98
89) n-Butylbenzene	12.329	91	95315	19.917	ug/l		99
90) Hexachloroethane	12.536	117	16834	19.436	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	48730	20.885	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6919	18.000	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	30939	19.438	ug/l		100
94) Hexachlorobutadiene	13.719	225	14378	19.438	ug/l		98
95) Naphthalene	13.774	128	98907	19.595	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	30702	19.237	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

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

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

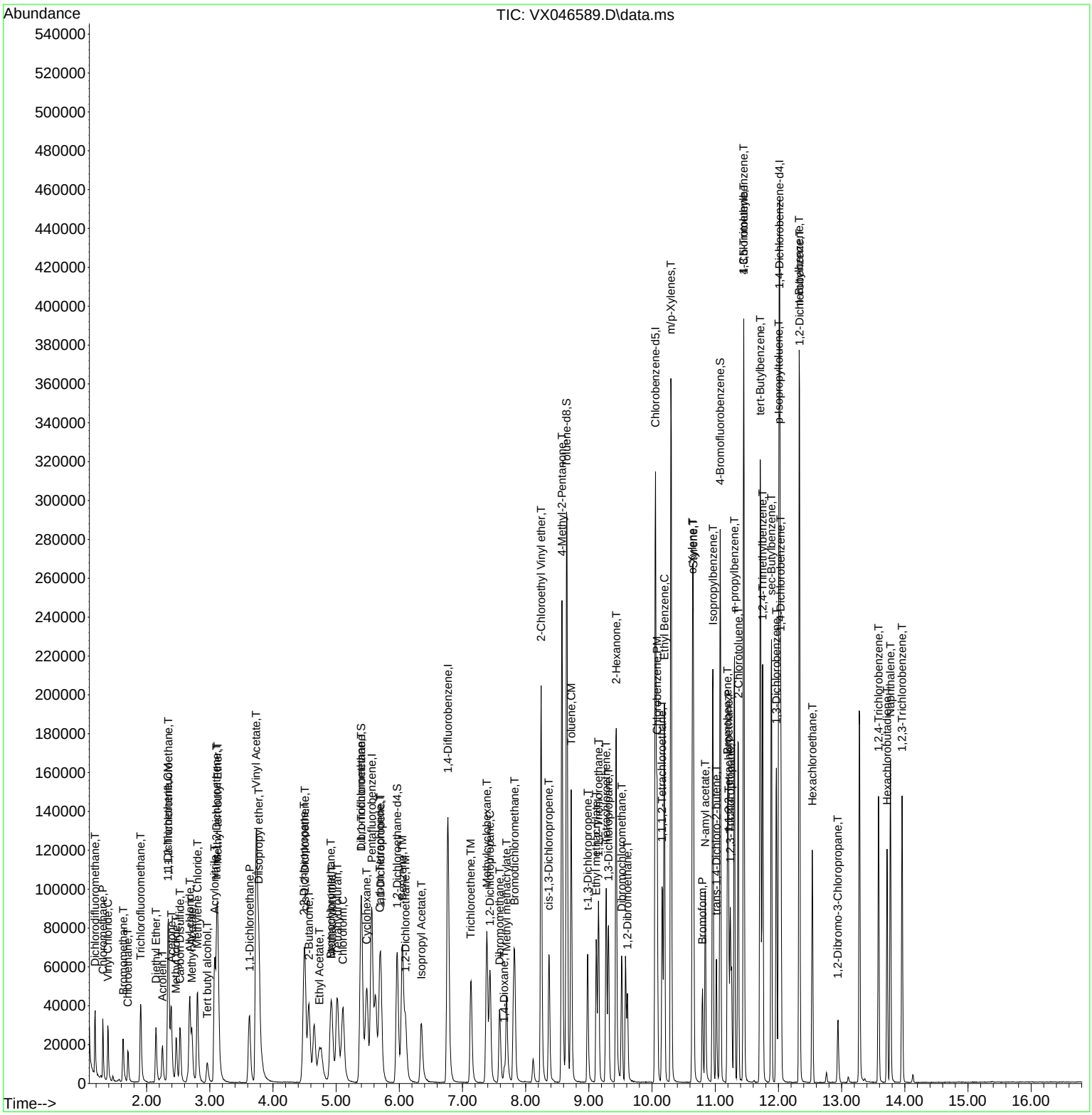
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	79698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69863	49.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.540%			
35) Dibromofluoromethane	5.391	113	53548	52.299	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	172301	51.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	73113	52.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	19714	17.817	ug/l	97
3) Chloromethane	1.306	50	17982	17.855	ug/l	94
4) Vinyl Chloride	1.386	62	19173	19.098	ug/l	96
5) Bromomethane	1.623	94	12029	19.736	ug/l	95
6) Chloroethane	1.703	64	11655	17.893	ug/l	96
7) Trichlorofluoromethane	1.904	101	32041	19.289	ug/l	97
8) Diethyl Ether	2.148	74	11524	19.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	20490	19.579	ug/l	95
10) Methyl Iodide	2.465	142	24020	21.173	ug/l	100
11) Tert butyl alcohol	2.959	59	12773	81.183	ug/l	97
12) 1,1-Dichloroethene	2.337	96	18698	19.761	ug/l	90
13) Acrolein	2.251	56	18334	114.790	ug/l	99
14) Allyl chloride	2.678	41	36552	19.670	ug/l	94
15) Acrylonitrile	3.074	53	59520	100.054	ug/l	99
16) Acetone	2.385	43	49623	92.079	ug/l	94
17) Carbon Disulfide	2.526	76	38042	19.061	ug/l	96
18) Methyl Acetate	2.715	43	34953	20.695	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	71303	21.536	ug/l	97
20) Methylene Chloride	2.800	84	22898	20.130	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	19750	19.723	ug/l	97
22) Diisopropyl ether	3.769	45	79532	21.708	ug/l #	68
23) Vinyl Acetate	3.733	43	295435	104.446	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42302	20.717	ug/l	99
25) 2-Butanone	4.562	43	73687	93.355	ug/l	100
26) 2,2-Dichloropropane	4.495	77	31719	20.925	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	25251	20.484	ug/l	97
28) Bromochloromethane	4.903	49	20382	20.928	ug/l	100
29) Tetrahydrofuran	5.013	42	46579	93.442	ug/l	99
30) Chloroform	5.104	83	46110	21.552	ug/l	96
31) Cyclohexane	5.476	56	33496	20.320	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	38162	20.852	ug/l	97
36) 1,1-Dichloropropene	5.702	75	26610	18.194	ug/l	97
37) Ethyl Acetate	4.720	43	29636	20.762	ug/l	99
38) Carbon Tetrachloride	5.690	117	32421	19.791	ug/l	97
39) Methylcyclohexane	7.385	83	33599	19.463	ug/l	98
40) Benzene	6.049	78	84785	20.592	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	17305	19.522	ug/l		94
42) 1,2-Dichloroethane	6.092	62	35332	20.627	ug/l		97
43) Isopropyl Acetate	6.342	43	49240	19.787	ug/l		99
44) Trichloroethene	7.128	130	20662	19.751	ug/l		97
45) 1,2-Dichloropropane	7.433	63	22717	21.376	ug/l		100
46) Dibromomethane	7.586	93	16680	20.863	ug/l		97
47) Bromodichloromethane	7.824	83	36402	22.144	ug/l		100
48) Methyl methacrylate	7.695	41	25589	19.986	ug/l		94
49) 1,4-Dioxane	7.659	88	6531	381.440	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	160533	101.517	ug/l		100
52) Toluene	8.720	92	53830	21.281	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	31270	21.215	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	35060	21.394	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	22637	22.292	ug/l		98
56) Ethyl methacrylate	9.116	69	33471	21.419	ug/l		95
57) 1,3-Dichloropropane	9.311	76	39409	21.961	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	80781	94.906	ug/l		99
59) 2-Hexanone	9.427	43	109874	96.880	ug/l		98
60) Dibromochloromethane	9.518	129	26619	22.286	ug/l		97
61) 1,2-Dibromoethane	9.610	107	22947	21.686	ug/l		99
64) Tetrachloroethene	9.274	164	16706	19.779	ug/l		97
65) Chlorobenzene	10.079	112	60350	20.315	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22060	21.975	ug/l		99
67) Ethyl Benzene	10.195	91	106184	20.474	ug/l		98
68) m/p-Xylenes	10.299	106	79852	42.445	ug/l		99
69) o-Xylene	10.640	106	38136	20.958	ug/l		100
70) Styrene	10.652	104	67308	21.609	ug/l		98
71) Bromoform	10.799	173	16667	21.775	ug/l	#	96
73) Isopropylbenzene	10.963	105	105188	20.497	ug/l		99
74) N-amyl acetate	10.841	43	43899	19.424	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33998	20.697	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	27348m	19.777	ug/l		
77) Bromobenzene	11.195	156	25071	21.047	ug/l		95
78) n-propylbenzene	11.305	91	123754	19.923	ug/l		99
79) 2-Chlorotoluene	11.359	91	75334	20.112	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	88592	20.716	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	9083	18.948	ug/l		96
82) 4-Chlorotoluene	11.451	91	88877	20.018	ug/l		98
83) tert-Butylbenzene	11.713	119	89858	20.641	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	88738	20.512	ug/l		99
85) sec-Butylbenzene	11.890	105	113499	20.290	ug/l		100
86) p-Isopropyltoluene	12.006	119	94330	20.228	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47031	20.333	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	48118	20.076	ug/l		98
89) n-Butylbenzene	12.329	91	91794	20.045	ug/l		99
90) Hexachloroethane	12.536	117	16304	19.671	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	46557	20.852	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	6753	18.358	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	30842	20.249	ug/l		97
94) Hexachlorobutadiene	13.725	225	13499	19.071	ug/l		96
95) Naphthalene	13.774	128	95309	19.732	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	29998	19.642	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

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

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

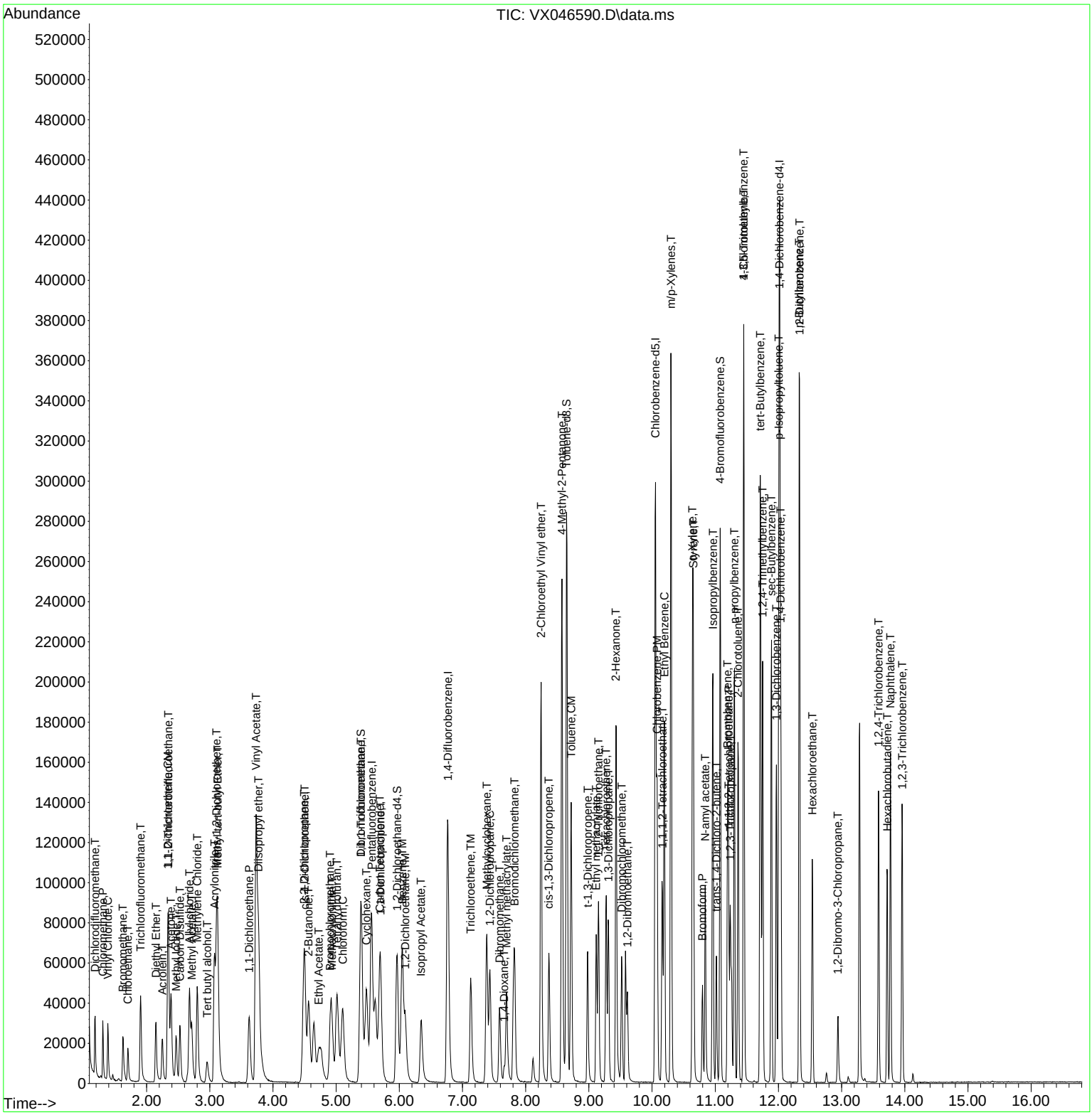
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



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Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046518.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:36 PM	MMDadoda	6/9/2025 1:14:56 PM	Peak Integrated by Software
VSTDICC020	VX046519.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:40 PM	MMDadoda	6/9/2025 1:14:59 PM	Peak Integrated by Software
VSTDICCC050	VX046520.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:44 PM	MMDadoda	6/9/2025 1:15:03 PM	Peak Integrated by Software
VSTDICC100	VX046521.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:48 PM	MMDadoda	6/9/2025 1:15:08 PM	Peak Integrated by Software
VSTDICC150	VX046522.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:52 PM	MMDadoda	6/9/2025 1:15:37 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	Ethyl Acetate	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICV050	VX046525.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:26:01 PM	MMDadoda	6/9/2025 1:16:01 PM	Peak Integrated by Software
VSTDCCC050	VX046544.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:18 AM	MMDadoda	6/9/2025 1:16:52 PM	Peak Integrated by Software
VSTDCCC050	VX046546.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:22 AM	MMDadoda	6/9/2025 1:16:54 PM	Peak Integrated by Software
VSTDCCC050	VX046565.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:12:06 AM	Sam	6/9/2025 1:18:52 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046586.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:36 AM	MMDadoda	6/11/2025 11:13:23 AM	Peak Integrated by Software
VX0610WBS01	VX046589.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:43 AM	MMDadoda	6/11/2025 11:13:26 AM	Peak Integrated by Software
VX0610WBSD01	VX046590.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:48 AM	MMDadoda	6/11/2025 11:13:29 AM	Peak Integrated by Software
VSTDCCC050	VX046612.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:50 AM	MMDadoda	6/11/2025 11:13:46 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1,1-Trichloroethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1-Dichloropropene	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dibromoethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Acrolein	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Diethyl Ether	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Methyl methacrylate	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICCC020	VX046615.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC020	VX046615.D	Ethyl Acetate	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software
VSTDICC050	VX046616.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:09 AM	MMDadoda	6/11/2025 11:13:53 AM	Peak Integrated by Software
VSTDICC100	VX046617.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC100	VX046617.D	Ethyl Acetate	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	Ethyl Acetate	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	tert-Butyl Alcohol	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	Ethyl Acetate	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046516.D	06 Jun 2025 08:47	JC/MD	Ok
2	VSTDICC001	VX046517.D	06 Jun 2025 09:13	JC/MD	Not Ok
3	VSTDICC005	VX046518.D	06 Jun 2025 09:42	JC/MD	Ok,M
4	VSTDICC020	VX046519.D	06 Jun 2025 10:18	JC/MD	Ok,M
5	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	JC/MD	Ok,M
6	VSTDICC100	VX046521.D	06 Jun 2025 11:02	JC/MD	Ok,M
7	VSTDICC150	VX046522.D	06 Jun 2025 11:25	JC/MD	Ok,M
8	IBLK	VX046523.D	06 Jun 2025 11:47	JC/MD	Ok
9	VSTDICC001	VX046524.D	06 Jun 2025 12:57	JC/MD	Ok,M
10	VSTDICV050	VX046525.D	06 Jun 2025 14:11	JC/MD	Ok,M
11	VX0606MBL01	VX046526.D	06 Jun 2025 14:39	JC/MD	Ok
12	VX0606WBL01	VX046527.D	06 Jun 2025 15:02	JC/MD	Ok
13	VX0606WBS01	VX046528.D	06 Jun 2025 15:25	JC/MD	Ok,M
14	VX0606MBS01	VX046529.D	06 Jun 2025 15:51	JC/MD	Ok,M
15	Q2168-11MEDL	VX046530.D	06 Jun 2025 16:13	JC/MD	Ok
16	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36	JC/MD	Ok,M
17	Q2194-02	VX046532.D	06 Jun 2025 16:58	JC/MD	Ok
18	Q2194-04	VX046533.D	06 Jun 2025 17:21	JC/MD	Ok
19	Q2207-09	VX046534.D	06 Jun 2025 17:43	JC/MD	Ok,M
20	Q2207-18	VX046535.D	06 Jun 2025 18:06	JC/MD	Ok,M
21	Q2207-27	VX046536.D	06 Jun 2025 18:28	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2207-36	VX046537.D	06 Jun 2025 18:51	JC/MD	Ok,M
23	Q2207-45	VX046538.D	06 Jun 2025 19:13	JC/MD	Ok,M
24	Q2208-09	VX046539.D	06 Jun 2025 19:35	JC/MD	Ok,M
25	Q2208-18	VX046540.D	06 Jun 2025 19:58	JC/MD	Ok,M
26	Q2208-27	VX046541.D	06 Jun 2025 20:20	JC/MD	Ok,M
27	Q2208-36	VX046542.D	06 Jun 2025 20:42	JC/MD	Ok,M
28	Q2236-01	VX046543.D	06 Jun 2025 21:04	JC/MD	Not Ok
29	VSTDCCC050	VX046544.D	06 Jun 2025 21:26	JC/MD	Not Ok
30	BFB	VX046545.D	06 Jun 2025 23:59	JC/MD	Ok
31	VSTDCCC050	VX046546.D	07 Jun 2025 00:34	JC/MD	Ok,M
32	VX0606WBL02	VX046547.D	07 Jun 2025 01:17	JC/MD	Ok
33	VX0606WBS02	VX046548.D	07 Jun 2025 02:00	JC/MD	Ok,M
34	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22	JC/MD	Ok,M
35	PB168312TB	VX046550.D	07 Jun 2025 02:43	JC/MD	Ok,M
36	PB168272TB	VX046551.D	07 Jun 2025 03:05	JC/MD	Ok,M
37	Q2236-05	VX046552.D	07 Jun 2025 03:26	JC/MD	ReRun
38	Q2236-09	VX046553.D	07 Jun 2025 03:48	JC/MD	ReRun
39	Q2236-13	VX046554.D	07 Jun 2025 04:09	JC/MD	Ok
40	Q2236-17	VX046555.D	07 Jun 2025 04:31	JC/MD	ReRun
41	Q2227-04	VX046556.D	07 Jun 2025 04:52	JC/MD	Ok,M
42	Q2228-04	VX046557.D	07 Jun 2025 05:14	JC/MD	ReRun
43	Q2235-01	VX046558.D	07 Jun 2025 05:36	JC/MD	ReRun
44	Q2240-04	VX046559.D	07 Jun 2025 05:57	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2240-08	VX046560.D	07 Jun 2025 06:18	JC/MD	ReRun
46	Q2240-12	VX046561.D	07 Jun 2025 06:40	JC/MD	ReRun
47	Q2241-04	VX046562.D	07 Jun 2025 07:01	JC/MD	ReRun
48	Q2241-08	VX046563.D	07 Jun 2025 07:23	JC/MD	ReRun
49	Q2226-04	VX046564.D	07 Jun 2025 07:44	JC/MD	ReRun
50	VSTDCCC050	VX046565.D	07 Jun 2025 08:06	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046585.D	10 Jun 2025 08:36	JC/MD	Ok
2	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	JC/MD	Ok,M
3	VX0610MBL01	VX046587.D	10 Jun 2025 09:36	JC/MD	Ok
4	VX0610WBL01	VX046588.D	10 Jun 2025 09:57	JC/MD	Ok
5	VX0610WBS01	VX046589.D	10 Jun 2025 10:18	JC/MD	Ok,M
6	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44	JC/MD	Ok,M
7	Q2262-02	VX046591.D	10 Jun 2025 11:05	JC/MD	Ok
8	Q2262-04	VX046592.D	10 Jun 2025 11:27	JC/MD	Ok
9	IBLK	VX046593.D	10 Jun 2025 11:48	JC/MD	Ok
10	Q2230-01	VX046594.D	10 Jun 2025 12:09	JC/MD	Ok
11	Q2230-06	VX046595.D	10 Jun 2025 12:30	JC/MD	Ok
12	Q2233-01DL	VX046596.D	10 Jun 2025 12:51	JC/MD	Ok
13	Q2233-03DL	VX046597.D	10 Jun 2025 13:13	JC/MD	Ok
14	Q2233-04DL	VX046598.D	10 Jun 2025 13:34	JC/MD	Ok
15	Q2234-01DL	VX046599.D	10 Jun 2025 13:55	JC/MD	Ok
16	IBLK	VX046600.D	10 Jun 2025 14:16	JC/MD	Ok
17	Q2230-05	VX046601.D	10 Jun 2025 14:38	JC/MD	Ok,M
18	Q2230-02	VX046602.D	10 Jun 2025 14:59	JC/MD	Ok,M
19	Q2230-03MS	VX046603.D	10 Jun 2025 15:20	JC/MD	Not Ok
20	Q2230-04MSD	VX046604.D	10 Jun 2025 15:42	JC/MD	Not Ok
21	IBLK	VX046605.D	10 Jun 2025 16:03	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2249-01	VX046606.D	10 Jun 2025 16:24	JC/MD	Not Ok
23	IBLK	VX046607.D	10 Jun 2025 16:46	JC/MD	Ok
24	Q2233-01	VX046608.D	10 Jun 2025 17:07	JC/MD	Dilution
25	Q2233-03	VX046609.D	10 Jun 2025 17:28	JC/MD	Dilution
26	Q2233-04	VX046610.D	10 Jun 2025 17:50	JC/MD	Dilution
27	Q2234-01	VX046611.D	10 Jun 2025 18:11	JC/MD	Dilution
28	VSTDCCC050	VX046612.D	10 Jun 2025 18:53	JC/MD	Ok,M
29	BFB	VX046613.D	10 Jun 2025 19:57	JC/MD	Ok
30	VSTDICC005	VX046614.D	10 Jun 2025 20:19	JC/MD	Ok,M
31	VSTDICCC020	VX046615.D	10 Jun 2025 20:40	JC/MD	Ok,M
32	VSTDICC050	VX046616.D	10 Jun 2025 21:01	JC/MD	Ok,M
33	VSTDICC100	VX046617.D	10 Jun 2025 21:22	JC/MD	Ok,M
34	VSTDICC150	VX046618.D	10 Jun 2025 21:44	JC/MD	Ok,M
35	IBLK	VX046619.D	10 Jun 2025 22:05	JC/MD	Ok
36	VSTDICV020	VX046620.D	10 Jun 2025 22:26	JC/MD	Ok,M
37	VX0610WBS02	VX046621.D	10 Jun 2025 23:09	JC/MD	Ok,M
38	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30	JC/MD	Ok,M
39	VX0610WBL02	VX046623.D	11 Jun 2025 00:12	JC/MD	Ok
40	Q2203-01	VX046624.D	11 Jun 2025 00:33	JC/MD	Dilution
41	Q2203-04	VX046625.D	11 Jun 2025 00:54	JC/MD	Dilution
42	VSTDCCC020	VX046626.D	11 Jun 2025 01:16	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046516.D	06 Jun 2025 08:47		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046517.D	06 Jun 2025 09:13		JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046518.D	06 Jun 2025 09:42	for TCLP	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046519.D	06 Jun 2025 10:18	Comp #05 fail	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	LR-13,16,17	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046521.D	06 Jun 2025 11:02		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046522.D	06 Jun 2025 11:25		JC/MD	Ok,M
8	IBLK	IBLK	VX046523.D	06 Jun 2025 11:47		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX046524.D	06 Jun 2025 12:57		JC/MD	Ok,M
10	VSTDICV050	ICVVX060625	VX046525.D	06 Jun 2025 14:11		JC/MD	Ok,M
11	VX0606MBL01	VX0606MBL01	VX046526.D	06 Jun 2025 14:39		JC/MD	Ok
12	VX0606WBL01	VX0606WBL01	VX046527.D	06 Jun 2025 15:02		JC/MD	Ok
13	VX0606WBS01	VX0606WBS01	VX046528.D	06 Jun 2025 15:25		JC/MD	Ok,M
14	VX0606MBS01	VX0606MBS01	VX046529.D	06 Jun 2025 15:51		JC/MD	Ok,M
15	Q2168-11MEDL	C2MEDL	VX046530.D	06 Jun 2025 16:13		JC/MD	Ok
16	VX0606WBSD01	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36		JC/MD	Ok,M
17	Q2194-02	COMP-12	VX046532.D	06 Jun 2025 16:58	vial A pH#5.0	JC/MD	Ok
18	Q2194-04	COMP-13	VX046533.D	06 Jun 2025 17:21	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2207-09	BU-703-COMP-01	VX046534.D	06 Jun 2025 17:43	vial A pH#5.0	JC/MD	Ok,M
20	Q2207-18	BU-703-COMP-02	VX046535.D	06 Jun 2025 18:06	vial A pH#5.0	JC/MD	Ok,M
21	Q2207-27	BU-703-COMP-03	VX046536.D	06 Jun 2025 18:28	vial A pH#5.0	JC/MD	Ok,M
22	Q2207-36	BU-703-COMP-04	VX046537.D	06 Jun 2025 18:51	vial A pH#5.0	JC/MD	Ok,M
23	Q2207-45	BU-703-COMP-05	VX046538.D	06 Jun 2025 19:13	vial A pH#5.0	JC/MD	Ok,M
24	Q2208-09	BU-703-COMP-06	VX046539.D	06 Jun 2025 19:35	vial A pH#5.0	JC/MD	Ok,M
25	Q2208-18	BU-703-COMP-07	VX046540.D	06 Jun 2025 19:58	vial A pH#5.0	JC/MD	Ok,M
26	Q2208-27	BU-703-COMP-08	VX046541.D	06 Jun 2025 20:20	vial A pH#5.0	JC/MD	Ok,M
27	Q2208-36	BU-703-COMP-09	VX046542.D	06 Jun 2025 20:42	vial A pH#5.0	JC/MD	Ok,M
28	Q2236-01	WC-A4-05A-G	VX046543.D	06 Jun 2025 21:04	vial A pH#5.0 Out of tune	JC/MD	Not Ok
29	VSTDCCC050	VSTDCCC050EC	VX046544.D	06 Jun 2025 21:26	Out of tune	JC/MD	Not Ok
30	BFB	BFB	VX046545.D	06 Jun 2025 23:59		JC/MD	Ok
31	VSTDCCC050	VSTDCCC050	VX046546.D	07 Jun 2025 00:34		JC/MD	Ok,M
32	VX0606WBL02	VX0606WBL02	VX046547.D	07 Jun 2025 01:17		JC/MD	Ok
33	VX0606WBS02	VX0606WBS02	VX046548.D	07 Jun 2025 02:00		JC/MD	Ok,M
34	VX0606WBSD02	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22		JC/MD	Ok,M
35	PB168312TB	PB168312TB	VX046550.D	07 Jun 2025 02:43		JC/MD	Ok,M
36	PB168272TB	PB168272TB	VX046551.D	07 Jun 2025 03:05		JC/MD	Ok,M
37	Q2236-05	WC-A2-04-G	VX046552.D	07 Jun 2025 03:26	Surrogate Fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2236-09	WC-A2-05-G	VX046553.D	07 Jun 2025 03:48	Internal Standard Fail	JC/MD	ReRun
39	Q2236-13	WC-A2-06-G	VX046554.D	07 Jun 2025 04:09	vial A pH#5.0	JC/MD	Ok
40	Q2236-17	WC-A2-07-G	VX046555.D	07 Jun 2025 04:31	Internal Standard Fail; Surrogate fail	JC/MD	ReRun
41	Q2227-04	TP07-MHH-WC	VX046556.D	07 Jun 2025 04:52		JC/MD	Ok,M
42	Q2228-04	TP08-MHI-WC	VX046557.D	07 Jun 2025 05:14	Internal Standard Fail	JC/MD	ReRun
43	Q2235-01	WC-A2-08-G	VX046558.D	07 Jun 2025 05:36	Internal Standard Fail	JC/MD	ReRun
44	Q2240-04	TP-3	VX046559.D	07 Jun 2025 05:57	Internal Standard Fail	JC/MD	ReRun
45	Q2240-08	TP-2	VX046560.D	07 Jun 2025 06:18	Internal Standard Fail	JC/MD	ReRun
46	Q2240-12	TP-1	VX046561.D	07 Jun 2025 06:40	Internal Standard Fail	JC/MD	ReRun
47	Q2241-04	TP-N	VX046562.D	07 Jun 2025 07:01	Internal Standard Fail	JC/MD	ReRun
48	Q2241-08	TP-S	VX046563.D	07 Jun 2025 07:23	Internal Standard Fail	JC/MD	ReRun
49	Q2226-04	TP06-MHI-WC	VX046564.D	07 Jun 2025 07:44	Internal Standard Fail	JC/MD	ReRun
50	VSTDCCC050	VSTDCCC050EC	VX046565.D	07 Jun 2025 08:06		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
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	VX046585.D	10 Jun 2025 08:36		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	pH#Lot#V12668	JC/MD	Ok,M
3	VX0610MBL01	VX0610MBL01	VX046587.D	10 Jun 2025 09:36		JC/MD	Ok
4	VX0610WBL01	VX0610WBL01	VX046588.D	10 Jun 2025 09:57		JC/MD	Ok
5	VX0610WBS01	VX0610WBS01	VX046589.D	10 Jun 2025 10:18		JC/MD	Ok,M
6	VX0610WBSD01	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44		JC/MD	Ok,M
7	Q2262-02	ARS20-0032	VX046591.D	10 Jun 2025 11:05	vial B pH#5.0	JC/MD	Ok
8	Q2262-04	ARS20-0001	VX046592.D	10 Jun 2025 11:27	vial B pH#5.0	JC/MD	Ok
9	IBLK	IBLK	VX046593.D	10 Jun 2025 11:48		JC/MD	Ok
10	Q2230-01	FB-060425	VX046594.D	10 Jun 2025 12:09	vial A pH<2 FB	JC/MD	Ok
11	Q2230-06	TB060425	VX046595.D	10 Jun 2025 12:30	vial A pH<2 TB	JC/MD	Ok
12	Q2233-01DL	MW-18B-56-060425DL	VX046596.D	10 Jun 2025 12:51	vial B pH<2	JC/MD	Ok
13	Q2233-03DL	MW-18B-56-060425-FD	VX046597.D	10 Jun 2025 13:13	vial B pH<2	JC/MD	Ok
14	Q2233-04DL	MW-19B-72-060425DL	VX046598.D	10 Jun 2025 13:34	vial B pH<2	JC/MD	Ok
15	Q2234-01DL	MW-17B-55-060425DL	VX046599.D	10 Jun 2025 13:55	vial B pH<2	JC/MD	Ok
16	IBLK	IBLK	VX046600.D	10 Jun 2025 14:16		JC/MD	Ok
17	Q2230-05	GW-MW901-060425	VX046601.D	10 Jun 2025 14:38	vial A pH<2	JC/MD	Ok,M
18	Q2230-02	GW-MW01-060425	VX046602.D	10 Jun 2025 14:59	vial A pH<2	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2230-03MS	GW-MW01-060425MS	VX046603.D	10 Jun 2025 15:20	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
20	Q2230-04MSD	GW-MW01-060425MSI	VX046604.D	10 Jun 2025 15:42	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
21	IBLK	IBLK	VX046605.D	10 Jun 2025 16:03		JC/MD	Ok
22	Q2249-01	MW-06-6.5-060525	VX046606.D	10 Jun 2025 16:24	Run @ lower dilution	JC/MD	Not Ok
23	IBLK	IBLK	VX046607.D	10 Jun 2025 16:46		JC/MD	Ok
24	Q2233-01	MW-18B-56-060425	VX046608.D	10 Jun 2025 17:07	vial A pH<2 Need 10X	JC/MD	Dilution
25	Q2233-03	MW-18B-56-060425-FD	VX046609.D	10 Jun 2025 17:28	vial A pH<2 Need 10X	JC/MD	Dilution
26	Q2233-04	MW-19B-72-060425	VX046610.D	10 Jun 2025 17:50	vial A pH<2 Need 100X	JC/MD	Dilution
27	Q2234-01	MW-17B-55-060425	VX046611.D	10 Jun 2025 18:11	vial A pH<2 Need 100X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX046612.D	10 Jun 2025 18:53		JC/MD	Ok,M
29	BFB	BFB	VX046613.D	10 Jun 2025 19:57		JC/MD	Ok
30	VSTDICC005	VSTDICC005	VX046614.D	10 Jun 2025 20:19		JC/MD	Ok,M
31	VSTDICCC020	VSTDICCC020	VX046615.D	10 Jun 2025 20:40		JC/MD	Ok,M
32	VSTDICC050	VSTDICC050	VX046616.D	10 Jun 2025 21:01		JC/MD	Ok,M
33	VSTDICC100	VSTDICC100	VX046617.D	10 Jun 2025 21:22		JC/MD	Ok,M
34	VSTDICC150	VSTDICC150	VX046618.D	10 Jun 2025 21:44		JC/MD	Ok,M
35	IBLK	IBLK	VX046619.D	10 Jun 2025 22:05		JC/MD	Ok
36	VSTDICV020	ICVVX061025	VX046620.D	10 Jun 2025 22:26		JC/MD	Ok,M
37	VX0610WBS02	VX0610WBS02	VX046621.D	10 Jun 2025 23:09		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	VX0610WBSD02	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30		JC/MD	Ok,M
39	VX0610WBL02	VX0610WBL02	VX046623.D	11 Jun 2025 00:12		JC/MD	Ok
40	Q2203-01	001-WILLETS-PT-BLVD	VX046624.D	11 Jun 2025 00:33	vial A pH<2 Need 5X	JC/MD	Dilution
41	Q2203-04	002-35TH-AVE(JUNE)	VX046625.D	11 Jun 2025 00:54	vial A pH<2 Need 5X	JC/MD	Dilution
42	VSTDCCC020	VSTDCCC020EC	VX046626.D	11 Jun 2025 01:16		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2233	**OrderDate:**	6/5/2025 10:51:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2233-01	**MW-18B-56-060425**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2233-01DL	**MW-18B-56-060425DL**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2233-03	**MW-18B-56-060425-FD**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2233-03DL	**MW-18B-56-060425-FDDL**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2233-04	**MW-19B-72-060425**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2233-04DL	**MW-19B-72-060425DL**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2233
COC Number 2046478

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt. Kemble Ave., Suite 100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yrfante John.Yrfante@Jacobs.com
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC Princeton
PROJECT NO.: D3868221 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Mary Murphy PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Rush 7-Day TAT (5 business) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

ANALYSIS

1. Site Specific VOCs (8260D Low)
2. Trace VOC's (SFAM01.1-SIM)
3.
4.
5.
6.
7.
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (A/F)	2 (A/F)	3	4	5	6	7	8	9	COMMENTS
1.	MW-18B-56-060425	GW		X	6/4/25	1230	3	X									F= Ascorbic Acid preservative
2.	MW-18B-56-060425-SIM	GW		X	6/4/25	1245	3		X								
3.	MW-18B-56-060425-FD	GW		X	6/4/25	1250	3	X									
4.	MW-19B-72-060425	GW		X	6/4/25	1550	3	X									
5.	MW-19B-72-060425-SIM	GW		X	6/4/25	1555	3		X								
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	6/4/25 1830	1. [signature] 6-5-25 0700
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.3°C °C
Comments: See work order for list of site specific Voc's
PO# 14806431I

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Q2233

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2233 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 6/5/2025 10:51:00 AM
Project Name : Former Schlumberger STC
Receive DateTime : 6/5/2025 7:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2233-01	MW-18B-56-060425	Water	06/04/2025	12:30					
					VOCMS Group3		8260-Low		5 Bus. Days
Q2233-02	MW-18B-56-060425-SIM	Water	06/04/2025	12:45					
					VOC-TRACE-SFAM		SFAM_Trace		5 Bus. Days
Q2233-03	MW-18B-56-060425-FD	Water	06/04/2025	12:50					
					VOCMS Group3		8260-Low		5 Bus. Days
Q2233-04	MW-19B-72-060425	Water	06/04/2025	15:50					
					VOCMS Group3		8260-Low		5 Bus. Days
Q2233-05	MW-19B-72-060425-SIM	Water	06/04/2025	15:55					
					VOC-TRACE-SFAM		SFAM_Trace		5 Bus. Days

Relinguished By :
Date / Time : 6/5/25 1210

Received By :
Date / Time : 06/05/25 12:10

Storage Area : VOA Refridgerator Room