

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER SITE PRINCETON NJ 2025

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2841

ATTENTION : Mary I. Murphy



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	5
2.1) VOCMS Group3- Case Narrative	5
3) Qualifier Page	7
4) QA Checklist	8
5) VOCMS Group3 Data	9
6) Shipping Document	74
6.1) CHAIN OF CUSTODY	75
6.2) ROC	76
6.3) Lab Certificate	80
6.4) Internal COC	81

1
2
3
4
5
6

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) : Q2841 Sampling Date(s) : 8/12/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SOP**

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

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

Cover Page

Order ID : Q2841

Project ID : Former Schlumberger Site Princeton NJ 2025

Client : JACOBS Engineering Group, Inc.

Lab Sample Number

Q2841-01

Client Sample Number

MW-06-6.5-08122025

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

Signature : _____

Date: 10/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ 2025

Project # N/A

Order ID # Q2841

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

1 Water sample was received on 08/12/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group3 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Sample #MW-06-6.5-08122025 was diluted as per past history of the sample having high amounts of Trichloroethene.

Sample MW-06-6.5-08122025 was diluted due to high concentration

E. Additional Comments:

This data package has been revised due to parameter added.

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

Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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

Signature_____

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2841

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 Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/24/2025

Hit Summary Sheet
SW-846

SDG No.: Q2841
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-06-6.5-08122025							
Q2841-01	MW-06-6.5-081220	Water	cis-1,2-Dichloroethene	950		38.0	200	ug/L
Q2841-01	MW-06-6.5-081220	Water	Trichloroethene	61500	E	18.6	200	ug/L
Q2841-01	MW-06-6.5-081220	Water	Tetrachloroethene	380		46.0	200	ug/L
			Total Voc :	62800				
			Total Concentration:	62800				
Client ID:	MW-06-6.5-08122025DL							
Q2841-01DL	MW-06-6.5-081220	Water	cis-1,2-Dichloroethene	910	JD	190	1000	ug/L
Q2841-01DL	MW-06-6.5-081220	Water	Trichloroethene	55200	D	93.0	1000	ug/L
Q2841-01DL	MW-06-6.5-081220	Water	Tetrachloroethene	340	JD	230	1000	ug/L
			Total Voc :	56500				
			Total Concentration:	56500				

A

B

C

D

E

F

G

H

I

J



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger Site Princeton NJ 2025
 Client Sample ID: MW-06-6.5-08122025
 Lab Sample ID: Q2841-01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level: LOW
 Final Vol: 5000 uL

Date Collected: 08/12/25
 Date Received: 08/12/25
 SDG No.: Q2841
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	52.0	U	200	52.0	200	ug/L	08/19/25 14:29	VX081925
75-35-4	1,1-Dichloroethene	46.0	U	200	46.0	200	ug/L	08/19/25 14:29	VX081925
75-34-3	1,1-Dichloroethane	46.0	U	200	46.0	200	ug/L	08/19/25 14:29	VX081925
156-59-2	cis-1,2-Dichloroethene	950		200	38.0	200	ug/L	08/19/25 14:29	VX081925
71-55-6	1,1,1-Trichloroethane	40.0	U	200	40.0	200	ug/L	08/19/25 14:29	VX081925
71-43-2	Benzene	30.0	U	200	30.0	200	ug/L	08/19/25 14:29	VX081925
107-06-2	1,2-Dichloroethane	44.0	U	200	44.0	200	ug/L	08/19/25 14:29	VX081925
79-01-6	Trichloroethene	61500	E	200	18.6	200	ug/L	08/19/25 14:29	VX081925
79-00-5	1,1,2-Trichloroethane	42.0	U	200	42.0	200	ug/L	08/19/25 14:29	VX081925
127-18-4	Tetrachloroethene	380		200	46.0	200	ug/L	08/19/25 14:29	VX081925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.9			70 (74) - 130 (125)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.3			70 (77) - 130 (121)	111%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	211000							
540-36-3	1,4-Difluorobenzene	424000							
3114-55-4	Chlorobenzene-d5	415000							
3855-82-1	1,4-Dichlorobenzene-d4	215000							

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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger Site Princeton NJ 2025
 Client Sample ID: MW-06-6.5-08122025DL
 Lab Sample ID: Q2841-01DL
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level : LOW
 Final Vol: 5000 uL

Date Collected: 08/12/25
 Date Received: 08/12/25
 SDG No.: Q2841
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	260	UD	1000	260	1000	ug/L	08/19/25 14:50	VX081925
75-35-4	1,1-Dichloroethene	230	UD	1000	230	1000	ug/L	08/19/25 14:50	VX081925
75-34-3	1,1-Dichloroethane	230	UD	1000	230	1000	ug/L	08/19/25 14:50	VX081925
156-59-2	cis-1,2-Dichloroethene	910	JD	1000	190	1000	ug/L	08/19/25 14:50	VX081925
71-55-6	1,1,1-Trichloroethane	200	UD	1000	200	1000	ug/L	08/19/25 14:50	VX081925
71-43-2	Benzene	150	UD	1000	150	1000	ug/L	08/19/25 14:50	VX081925
107-06-2	1,2-Dichloroethane	220	UD	1000	220	1000	ug/L	08/19/25 14:50	VX081925
79-01-6	Trichloroethene	55200	D	1000	93.0	1000	ug/L	08/19/25 14:50	VX081925
79-00-5	1,1,2-Trichloroethane	210	UD	1000	210	1000	ug/L	08/19/25 14:50	VX081925
127-18-4	Tetrachloroethene	340	JD	1000	230	1000	ug/L	08/19/25 14:50	VX081925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.2			70 (74) - 130 (125)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.3			70 (75) - 130 (124)	105%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.0			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	214000							
540-36-3	1,4-Difluorobenzene	431000							
3114-55-4	Chlorobenzene-d5	441000							
3855-82-1	1,4-Dichlorobenzene-d4	231000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: Q2841

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2841-01	MW-06-6.5-08122025	1,2-Dichloroethane-d4	50	56.9	114		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.3	111		70 (77)	130 (121)
Q2841-01DL	MW-06-6.5-08122025DL	1,2-Dichloroethane-d4	50	60.2	120		70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
VX0819WBL01	VX0819WBL01	1,2-Dichloroethane-d4	50	57.3	114		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	49.5	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.1	112		70 (77)	130 (121)
VX0819WBS01	VX0819WBS01	1,2-Dichloroethane-d4	50	54.3	109		70 (74)	130 (125)
		Dibromofluoromethane	50	52.1	104		70 (75)	130 (124)
		Toluene-d8	50	50.5	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	106		70 (77)	130 (121)
VX0819WBSD0	VX0819WBSD01	1,2-Dichloroethane-d4	50	54.2	108		70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104		70 (75)	130 (124)
		Toluene-d8	50	50.7	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.7	107		70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2841 Analytical Method: SW8260-Low
Client: JACOBS Engineering Group, Inc. Datafile : VX047403.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0819WBS01	Vinyl chloride	20	16.6	ug/L	83			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.3	ug/L	86			70 (74)	130 (110)	
	1,1-Dichloroethane	20	18.6	ug/L	93			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	17.9	ug/L	90			70 (80)	130 (108)	
	Benzene	20	18.0	ug/L	90			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.7	ug/L	94			70 (80)	130 (115)	
	Trichloroethene	20	17.2	ug/L	86			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	18.8	ug/L	94			70 (83)	130 (112)	
	Tetrachloroethene	20	16.7	ug/L	84			70 (67)	130 (123)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2841 Analytical Method: SW8260-Low
Client: JACOBS Engineering Group, Inc. Datafile : VX047405.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0819WBSD01	Vinyl chloride	20	16.4	ug/L	82	1		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	16.5	ug/L	83	4		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	17.9	ug/L	90	3		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	17.8	ug/L	89	4		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	17.5	ug/L	88	2		70 (80)	130 (108)	20 (20)
	Benzene	20	17.6	ug/L	88	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.0	ug/L	95	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.1	ug/L	86	0		70 (77)	130 (113)	20 (15)
	1,1,2-Trichloroethane	20	19.2	ug/L	96	2		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	16.4	ug/L	82	2		70 (67)	130 (123)	20 (15)

() = LABORATORY INHOUSE LIMIT

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0819WBL01

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q2841

Lab File ID: VX047402.D

Lab Sample ID: VX0819WBL01

Date Analyzed: 08/19/2025

Time Analyzed: 10:55

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
VX0819WBS01	VX0819WBS01	VX047403.D	08/19/2025
VX0819WBSD01	VX0819WBSD01	VX047405.D	08/19/2025
MW-06-6.5-08122025	Q2841-01	VX047410.D	08/19/2025
MW-06-6.5-08122025DL	Q2841-01DL	VX047411.D	08/19/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX047347.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: JACO05
SDG NO.: Q2841
BFB Injection Date: 08/15/2025
BFB Injection Time: 08:28
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.4
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	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VX047349.D	08/15/2025	09:40
VSTDIC020	VSTDIC020	VX047350.D	08/15/2025	10:01
VSTDIC050	VSTDIC050	VX047351.D	08/15/2025	10:22
VSTDIC100	VSTDIC100	VX047352.D	08/15/2025	10:43
VSTDIC150	VSTDIC150	VX047353.D	08/15/2025	11:05
VSTDIC001	VSTDIC001	VX047356.D	08/15/2025	12:30

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q2841

Lab File ID: VX047399.D

BFB Injection Date: 08/19/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:38

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19
75	30.0 - 60.0% of mass 95	50.5
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	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.1
175	5.0 - 9.0% of mass 174	5.3 (7.4) 1
176	95.0 - 101.0% of mass 174	70.3 (97.6) 1
177	5.0 - 9.0% of mass 176	5 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047400.D	08/19/2025	09:37
VX0819WBL01	VX0819WBL01	VX047402.D	08/19/2025	10:55
VX0819WBS01	VX0819WBS01	VX047403.D	08/19/2025	11:55
VX0819WBSD01	VX0819WBSD01	VX047405.D	08/19/2025	12:37
MW-06-6.5-08122025	Q2841-01	VX047410.D	08/19/2025	14:29
MW-06-6.5-08122025DL	Q2841-01DL	VX047411.D	08/19/2025	14:50

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JAC005
Lab Code: ACE SDG NO.: Q2841
Lab File ID: VX047400.D Date Analyzed: 08/19/2025
Instrument ID: MSVOA_X Time Analyzed: 09:37
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	203851	5.56	365078	6.76	334051	10.06
UPPER LIMIT	407702	6.062	730156	7.263	668102	10.555
LOWER LIMIT	101926	5.062	182539	6.263	167026	9.555
EPA SAMPLE NO.						
MW-06-6.5-08122025	210753	5.57	423890	6.77	415490	10.06
MW-06-6.5-08122025DL	214007	5.57	430805	6.77	440552	10.06
VX0819WBL01	204625	5.56	410508	6.76	416324	10.06
VX0819WBS01	225610	5.56	400778	6.76	370967	10.05
VX0819WBSD01	228746	5.57	395063	6.77	371284	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
Lab Code: ACE SDG NO.: Q2841
Lab File ID: VX047400.D Date Analyzed: 08/19/2025
Instrument ID: MSVOA_X Time Analyzed: 09:37
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	167955	12.018				
UPPER LIMIT	335910	12.518				
LOWER LIMIT	83977.5	11.518				
EPA SAMPLE NO.						
MW-06-6.5-08122025	214606	12.02				
MW-06-6.5-08122025DL	231200	12.02				
VX0819WBL01	212865	12.02				
VX0819WBS01	189862	12.02				
VX0819WBSD01	189413	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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger Site Princeton NJ 2025
 Client Sample ID: VX0819WBL01
 Lab Sample ID: VX0819WBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level : LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q2841
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	08/19/25 10:55	VX081925
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	08/19/25 10:55	VX081925
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	08/19/25 10:55	VX081925
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	08/19/25 10:55	VX081925
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	08/19/25 10:55	VX081925
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	08/19/25 10:55	VX081925
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	08/19/25 10:55	VX081925
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	08/19/25 10:55	VX081925
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	08/19/25 10:55	VX081925
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	08/19/25 10:55	VX081925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.2			70 (74) - 130 (125)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.5			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	205000							
540-36-3	1,4-Difluorobenzene	411000							
3114-55-4	Chlorobenzene-d5	416000							
3855-82-1	1,4-Dichlorobenzene-d4	213000							

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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger Site Princeton NJ 2025
 Client Sample ID: VX0819WBS01
 Lab Sample ID: VX0819WBS01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level : LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q2841
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	16.6		1	0.26	1.00	ug/L	08/19/25 11:55	VX081925
75-35-4	1,1-Dichloroethene	17.3		1	0.23	1.00	ug/L	08/19/25 11:55	VX081925
75-34-3	1,1-Dichloroethane	18.6		1	0.23	1.00	ug/L	08/19/25 11:55	VX081925
156-59-2	cis-1,2-Dichloroethene	18.5		1	0.19	1.00	ug/L	08/19/25 11:55	VX081925
71-55-6	1,1,1-Trichloroethane	17.9		1	0.20	1.00	ug/L	08/19/25 11:55	VX081925
71-43-2	Benzene	18.0		1	0.15	1.00	ug/L	08/19/25 11:55	VX081925
107-06-2	1,2-Dichloroethane	18.7		1	0.22	1.00	ug/L	08/19/25 11:55	VX081925
79-01-6	Trichloroethene	17.2		1	0.090	1.00	ug/L	08/19/25 11:55	VX081925
79-00-5	1,1,2-Trichloroethane	18.8		1	0.21	1.00	ug/L	08/19/25 11:55	VX081925
127-18-4	Tetrachloroethene	16.7		1	0.23	1.00	ug/L	08/19/25 11:55	VX081925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.3			70 (74) - 130 (125)	109%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.8			70 (77) - 130 (121)	106%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	226000							
540-36-3	1,4-Difluorobenzene	401000							
3114-55-4	Chlorobenzene-d5	371000							
3855-82-1	1,4-Dichlorobenzene-d4	190000							

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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger Site Princeton NJ 2025
 Client Sample ID: VX0819WBSD01
 Lab Sample ID: VX0819WBSD01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 mL

Level : LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q2841
 Matrix: Water
 % Solid: 0
 Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	16.4		1	0.26	1.00	ug/L	08/19/25 12:37	VX081925
75-35-4	1,1-Dichloroethene	16.5		1	0.23	1.00	ug/L	08/19/25 12:37	VX081925
75-34-3	1,1-Dichloroethane	17.9		1	0.23	1.00	ug/L	08/19/25 12:37	VX081925
156-59-2	cis-1,2-Dichloroethene	17.8		1	0.19	1.00	ug/L	08/19/25 12:37	VX081925
71-55-6	1,1,1-Trichloroethane	17.5		1	0.20	1.00	ug/L	08/19/25 12:37	VX081925
71-43-2	Benzene	17.6		1	0.15	1.00	ug/L	08/19/25 12:37	VX081925
107-06-2	1,2-Dichloroethane	19.0		1	0.22	1.00	ug/L	08/19/25 12:37	VX081925
79-01-6	Trichloroethene	17.1		1	0.090	1.00	ug/L	08/19/25 12:37	VX081925
79-00-5	1,1,2-Trichloroethane	19.2		1	0.21	1.00	ug/L	08/19/25 12:37	VX081925
127-18-4	Tetrachloroethene	16.4		1	0.23	1.00	ug/L	08/19/25 12:37	VX081925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.2			70 (74) - 130 (125)	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	50.7			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	229000							
540-36-3	1,4-Difluorobenzene	395000							
3114-55-4	Chlorobenzene-d5	371000							
3855-82-1	1,4-Dichlorobenzene-d4	189000							

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: JAC005
Lab Code: ACE SDG No.: Q2841
Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D			
		RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D			
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD	
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2	
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6	
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5	
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7	
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8	
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1	
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3	
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6	
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6	
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8	
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2	
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6	
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7	
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8	

* 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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2841</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/19/2025</u> <u>09:37</u>
Lab File ID:	<u>VX047400.D</u>	Init. Calib. Date(s):	<u>08/15/2025</u> <u>08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40</u> <u>12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.720	0.658		-8.61	20
1,1-Dichloroethene	0.630	0.596		-5.4	20
1,1-Dichloroethane	1.222	1.251	0.1	2.37	20
cis-1,2-Dichloroethene	0.778	0.806		3.6	20
1,1,1-Trichloroethane	1.073	1.041		-2.98	20
Benzene	1.533	1.493		-2.61	20
1,2-Dichloroethane	0.543	0.561		3.32	20
Trichloroethene	0.393	0.360		-8.4	20
1,1,2-Trichloroethane	0.360	0.376		4.44	20
Tetrachloroethene	0.362	0.319		-11.88	20
1,2-Dichloroethane-d4	0.700	0.805		15	20
Dibromofluoromethane	0.325	0.344		5.85	20
Toluene-d8	1.160	1.173		1.12	20
4-Bromofluorobenzene	0.428	0.455		6.31	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

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047410.D
 Acq On : 19 Aug 2025 14:29
 Operator : JC/MD
 Sample : Q2841-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-08122025

Quant Time: Aug 19 14:46:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

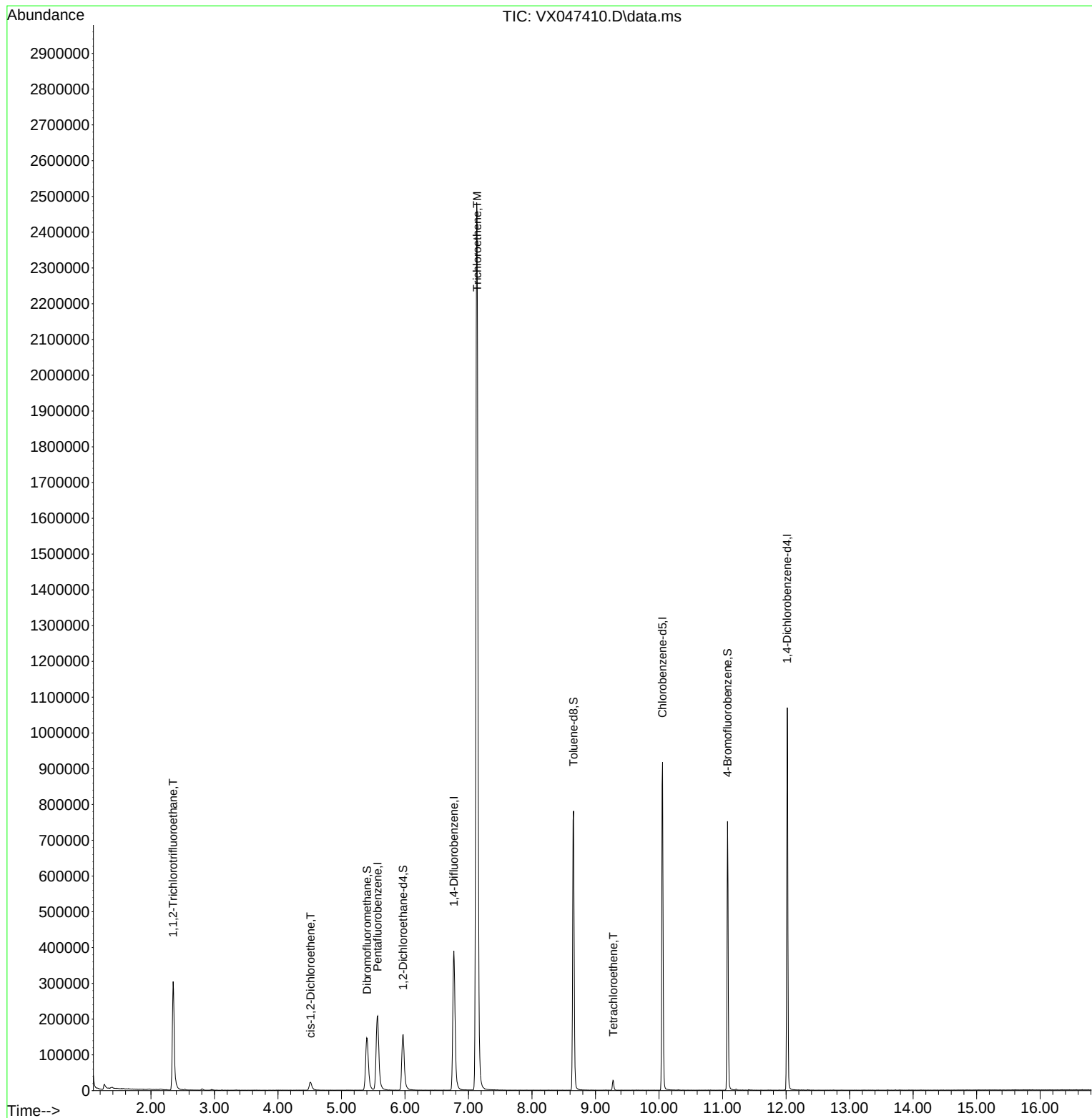
Internal Standards						
1) Pentafluorobenzene	5.568	168	210753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	167838	56.903	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.800%
35) Dibromofluoromethane	5.404	113	140086	50.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	8.653	98	484493	49.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	200479	55.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.500%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	140414	53.946	ug/l	99
27) cis-1,2-Dichloroethene	4.513	96	15656	4.773	ug/l	93
44) Trichloroethene	7.135	130	1023656	307.552	ug/l	98
64) Tetrachloroethene	9.281	164	5773	1.921	ug/l #	89

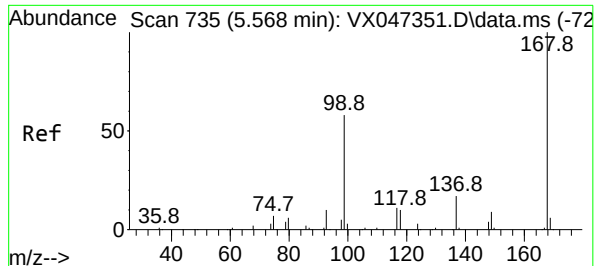
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047410.D
Acq On : 19 Aug 2025 14:29
Operator : JC/MD
Sample : Q2841-01 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

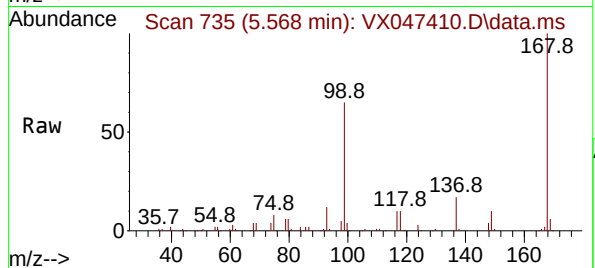
Quant Time: Aug 19 14:46:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



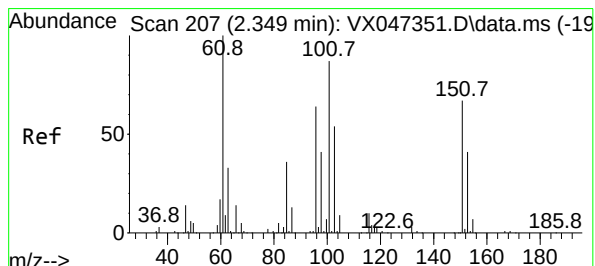
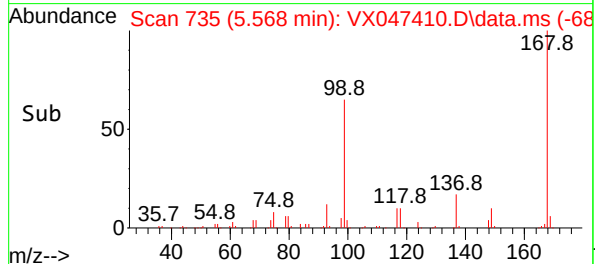
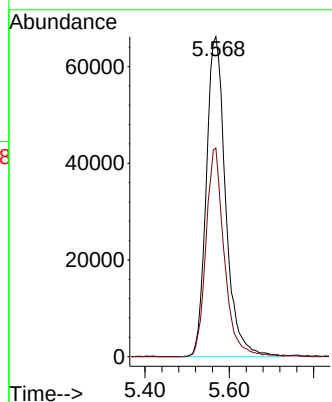


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

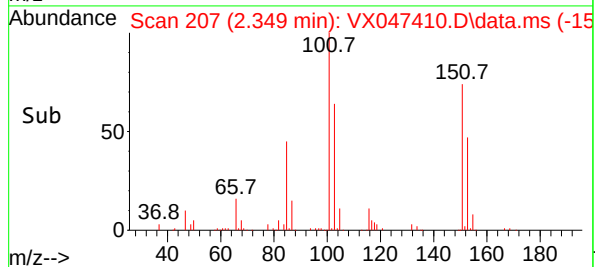
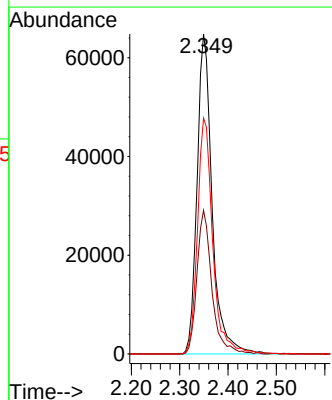
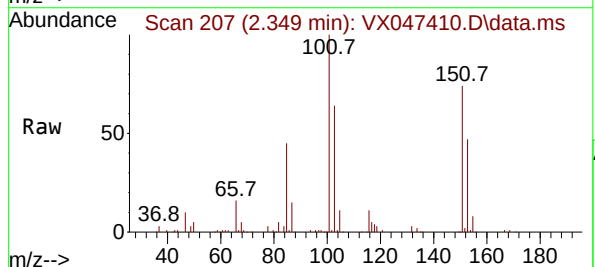


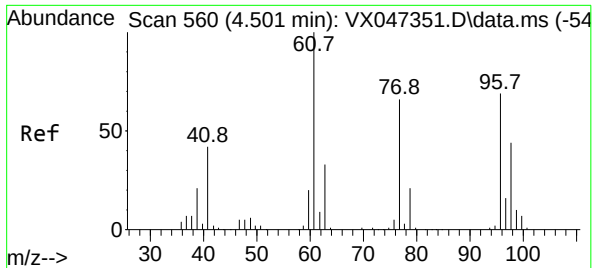
Tgt Ion:168 Resp: 210753
Ion Ratio Lower Upper
168 100
99 65.2 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.946 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion:101 Resp: 140414
Ion Ratio Lower Upper
101 100
85 44.4 34.3 51.5
151 74.6 59.2 88.8





#27

cis-1,2-Dichloroethene

Concen: 4.773 ug/l

RT: 4.513 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX047410.D

Acq: 19 Aug 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025

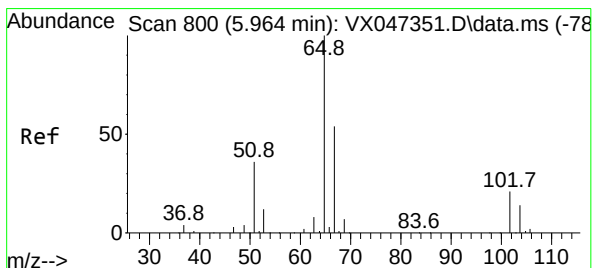
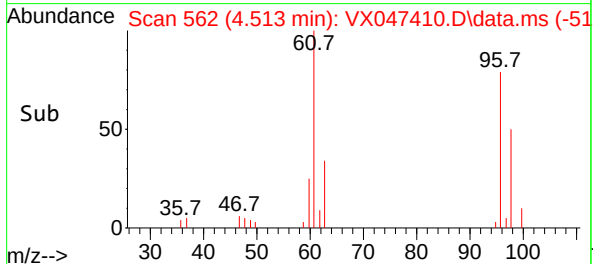
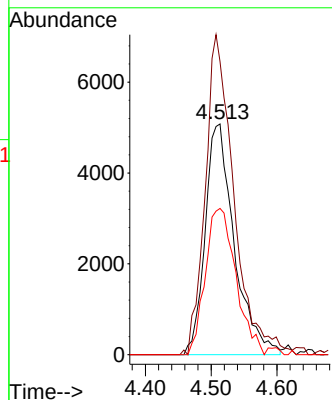
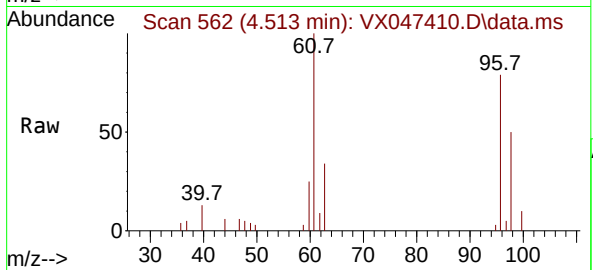
Tgt Ion: 96 Resp: 15656

Ion Ratio Lower Upper

96 100

61 136.3 0.0 296.6

98 66.4 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 56.903 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047410.D

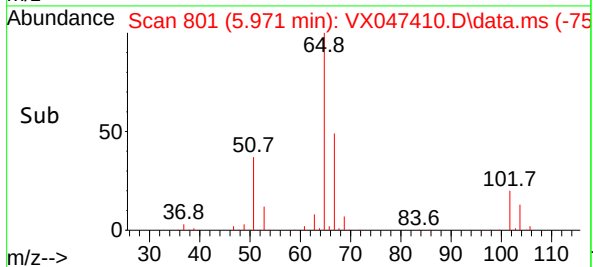
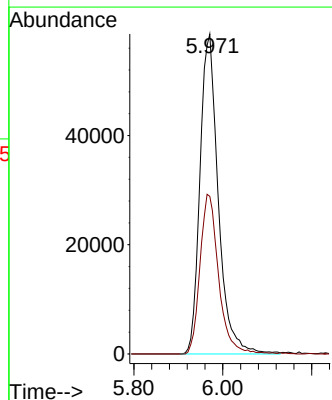
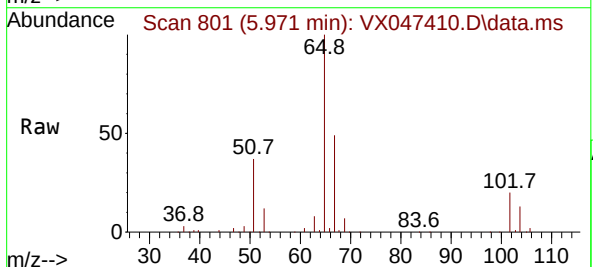
Acq: 19 Aug 2025 14:29

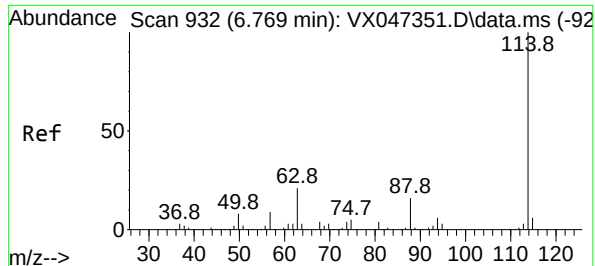
Tgt Ion: 65 Resp: 167838

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX047410.D

Acq: 19 Aug 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025

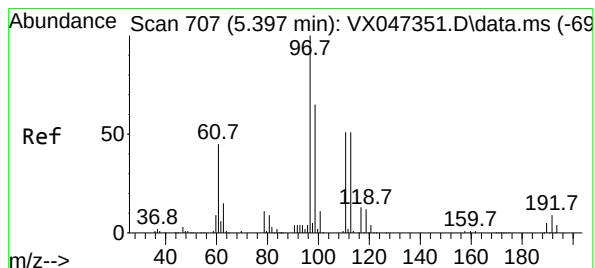
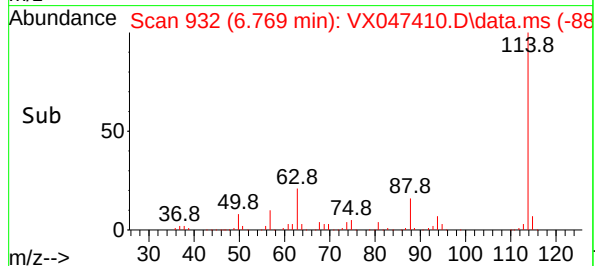
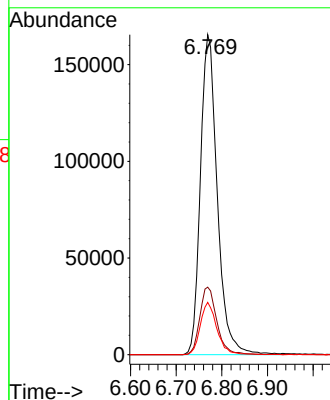
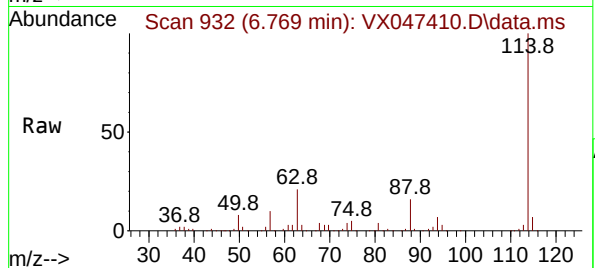
Tgt Ion:114 Resp: 423890

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 16.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.920 ug/l

RT: 5.404 min Scan# 708

Delta R.T. 0.006 min

Lab File: VX047410.D

Acq: 19 Aug 2025 14:29

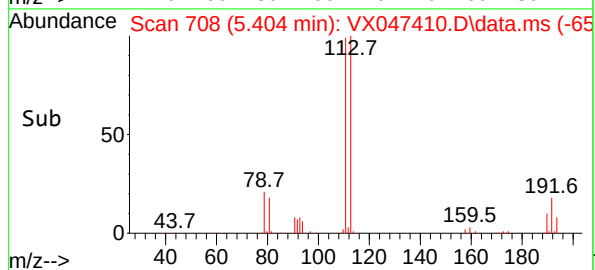
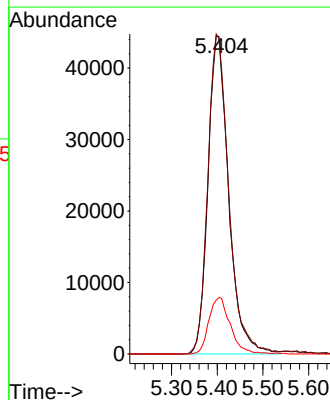
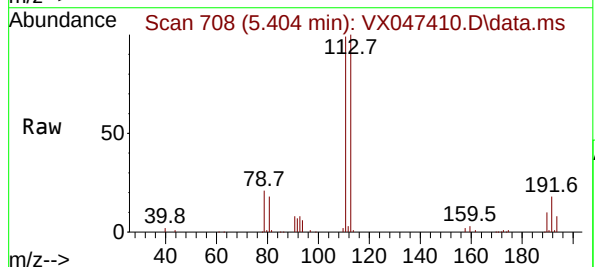
Tgt Ion:113 Resp: 140086

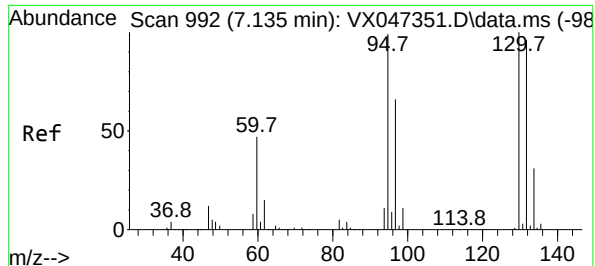
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

192 18.4 14.1 21.1





#44

Trichloroethene

Concen: 307.552 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX047410.D

Acq: 19 Aug 2025 14:29

Instrument :

MSVOA_X

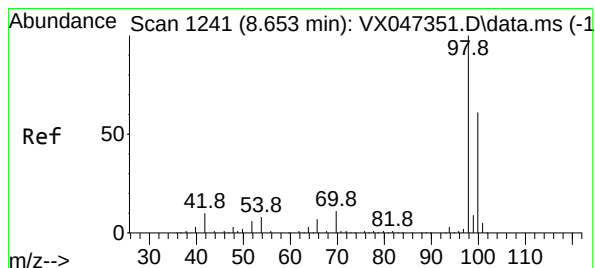
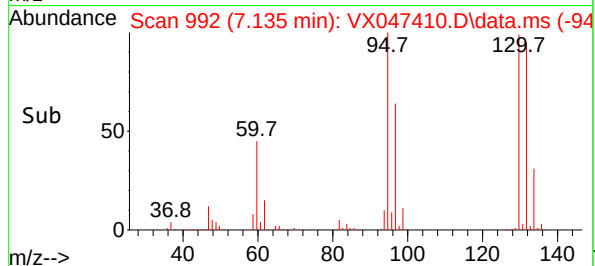
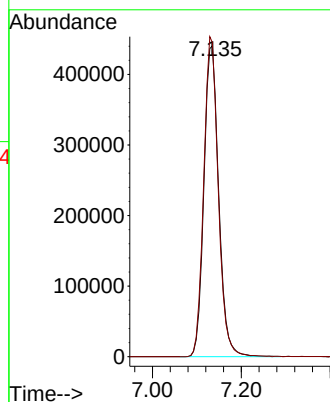
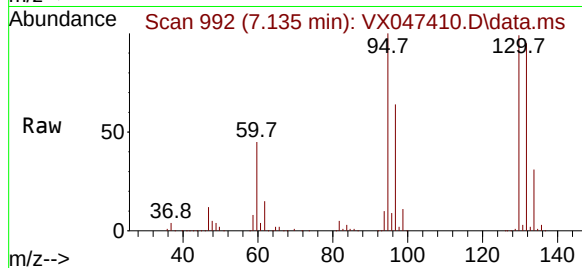
ClientSampleId :

MW-06-6.5-08122025

Tgt Ion:130 Resp: 1023656

Ion Ratio Lower Upper

130	100		
95	101.1	0.0	198.6



#50

Toluene-d8

Concen: 49.272 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

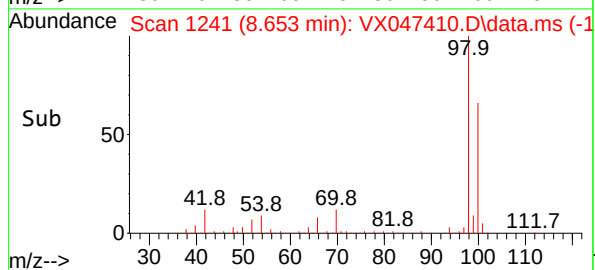
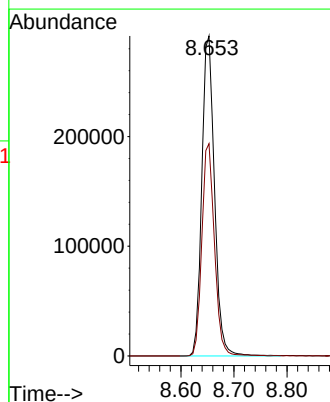
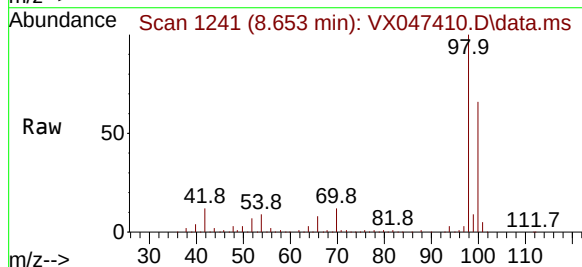
Lab File: VX047410.D

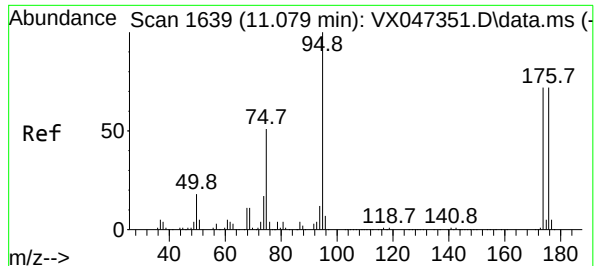
Acq: 19 Aug 2025 14:29

Tgt Ion: 98 Resp: 484493

Ion Ratio Lower Upper

98	100		
100	66.1	53.9	80.9

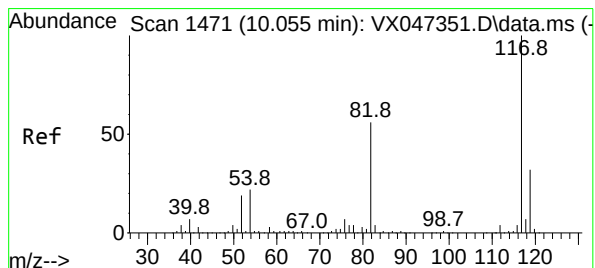
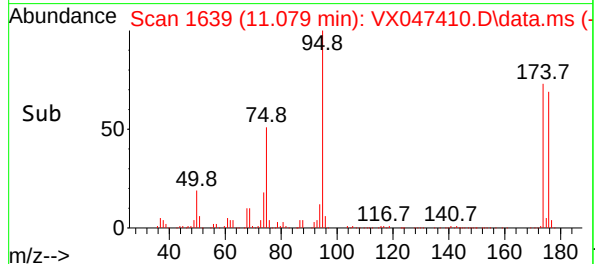
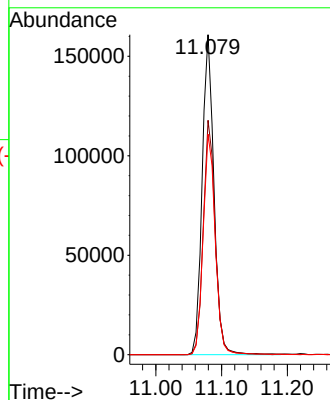
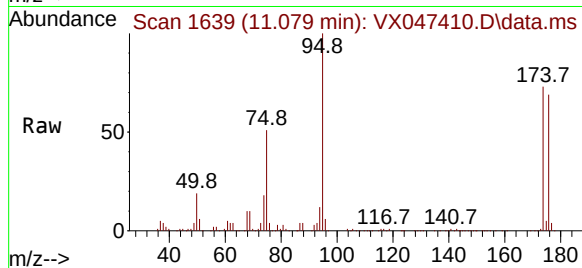




#62
4-Bromofluorobenzene
Concen: 55.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

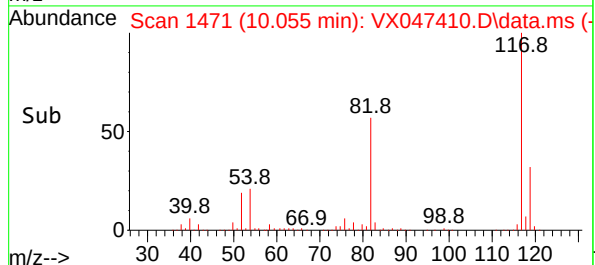
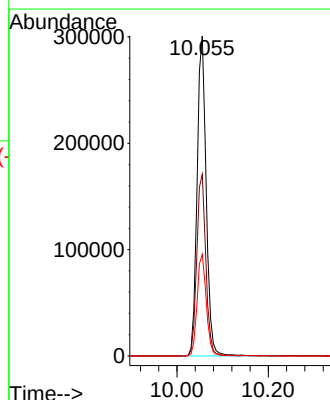
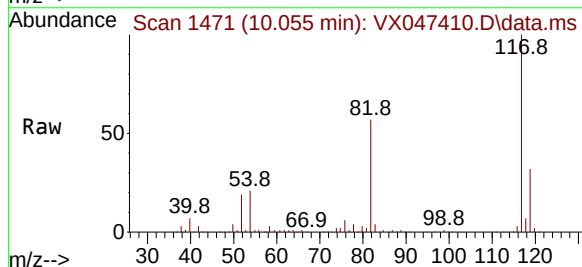
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

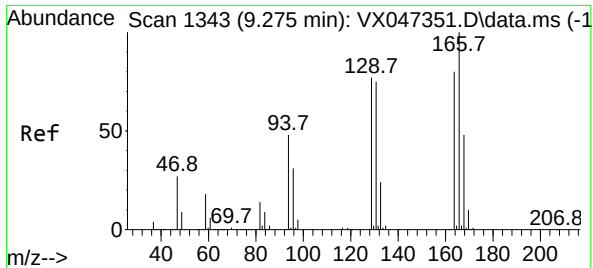
Tgt Ion: 95 Resp: 200479
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 70.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion: 117 Resp: 415490
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.8 25.8 38.8



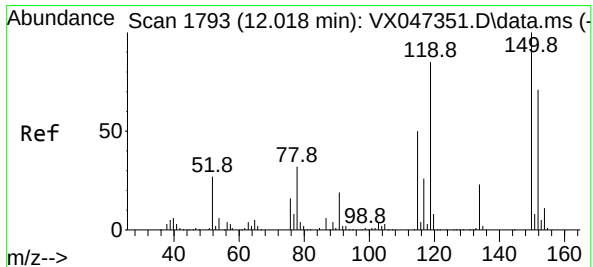
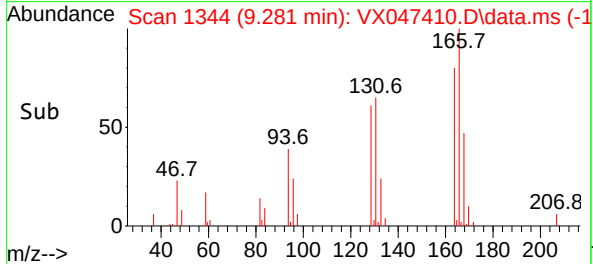
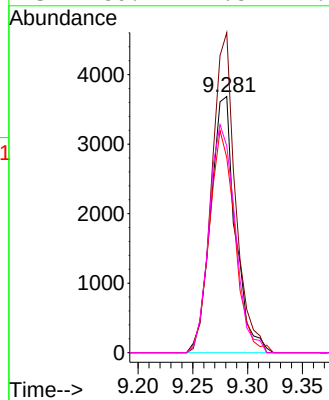
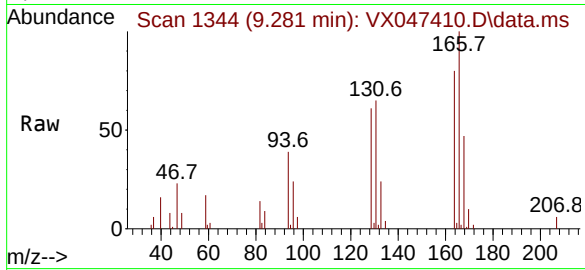


#64
Tetrachloroethene
Concen: 1.921 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:164 Resp: 5773

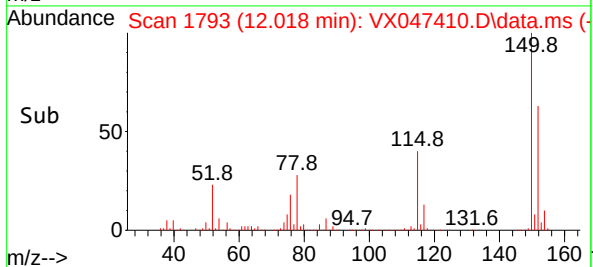
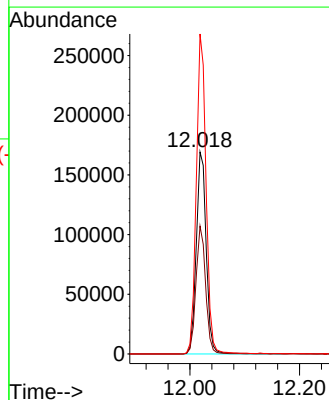
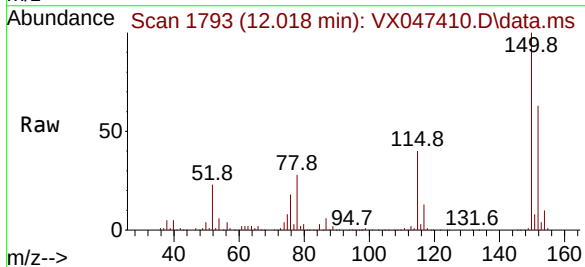
Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.3	150.5
129	76.1	77.7	116.5#
131	80.7	74.8	112.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion:152 Resp: 214606

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.6	133.8
150	155.0	0.0	349.8



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047411.D
 Acq On : 19 Aug 2025 14:50
 Operator : JC/MD
 Sample : Q2841-01DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-08122025DL

Quant Time: Aug 20 01:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

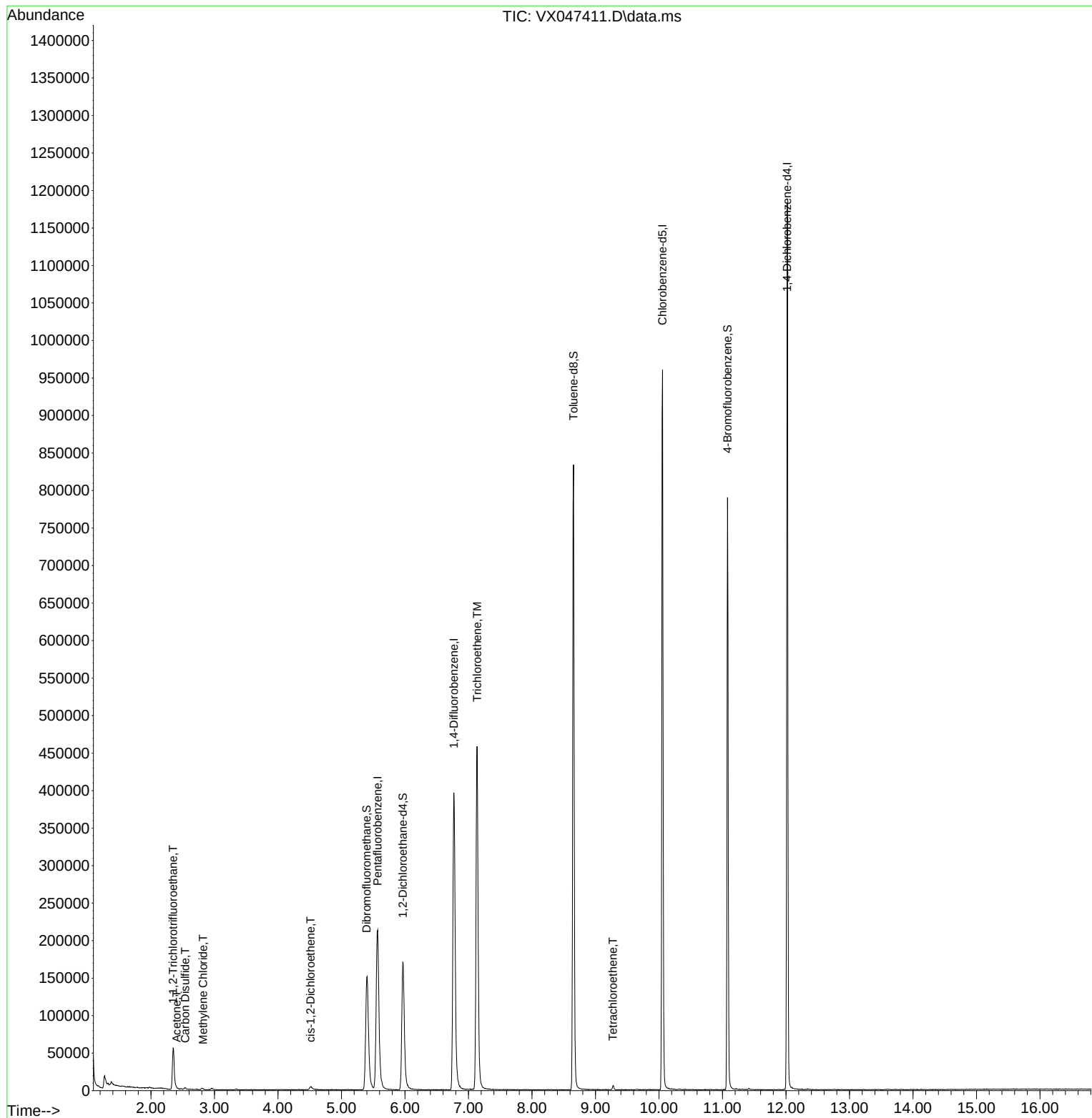
Internal Standards						
1) Pentafluorobenzene	5.568	168	214007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180305	60.200	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.400%#		
35) Dibromofluoromethane	5.397	113	146221	52.297	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.600%		
50) Toluene-d8	8.653	98	505562	50.589	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.180%		
62) 4-Bromofluorobenzene	11.079	95	214011	58.032	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.060%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	25483	9.642	ug/l	99
16) Acetone	2.404	43	2334	2.073	ug/l #	87
17) Carbon Disulfide	2.538	76	2678	0.329	ug/l #	89
20) Methylene Chloride	2.819	84	895	0.300	ug/l #	60
27) cis-1,2-Dichloroethene	4.513	96	3036	0.911	ug/l	81
44) Trichloroethene	7.135	130	186641	55.175	ug/l	99
64) Tetrachloroethene	9.275	164	1084	0.340	ug/l #	80

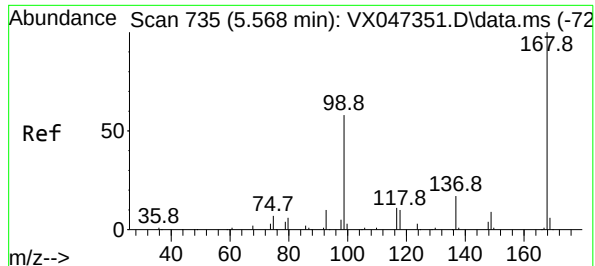
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047411.D
Acq On : 19 Aug 2025 14:50
Operator : JC/MD
Sample : Q2841-01DL 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

Quant Time: Aug 20 01:27:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

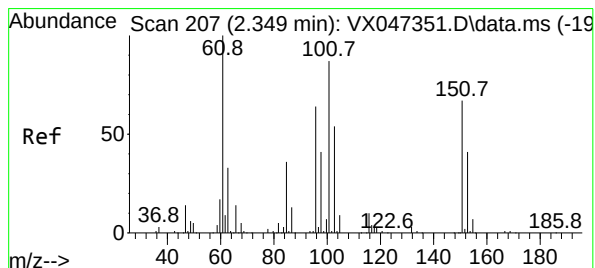
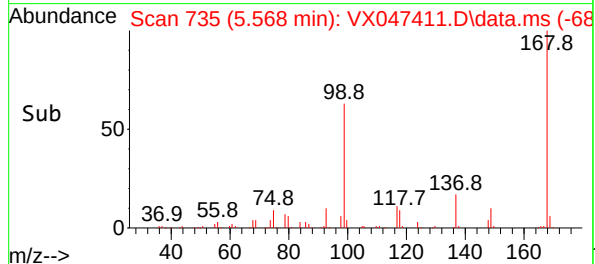
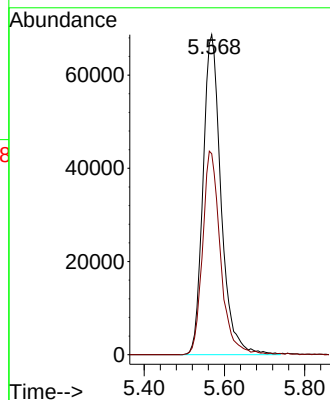
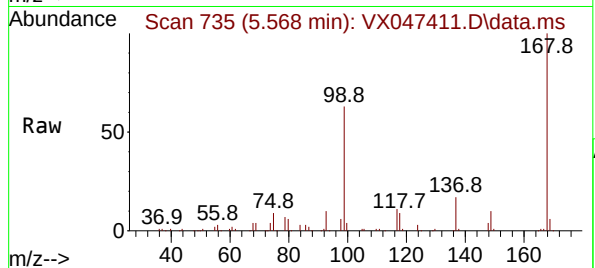
MW-06-6.5-08122025DL

Tgt Ion:168 Resp: 214007

Ion Ratio Lower Upper

168 100

99 62.8 47.9 71.9



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.642 ug/l

RT: 2.349 min Scan# 207

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

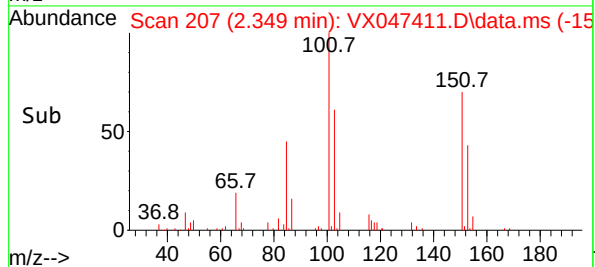
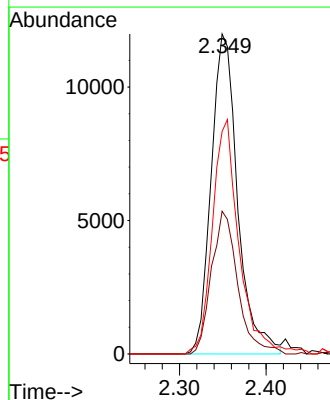
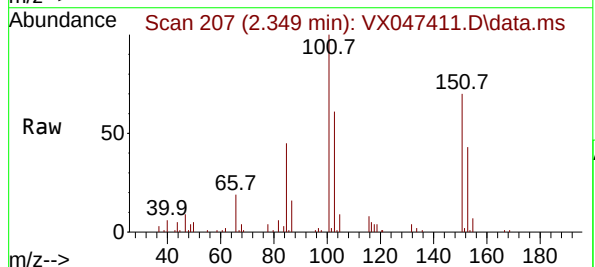
Tgt Ion:101 Resp: 25483

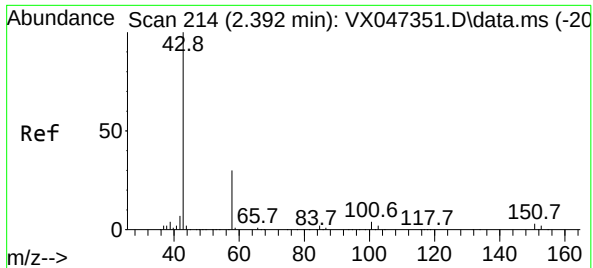
Ion Ratio Lower Upper

101 100

85 44.2 34.3 51.5

151 73.6 59.2 88.8





#16

Acetone

Concen: 2.073 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

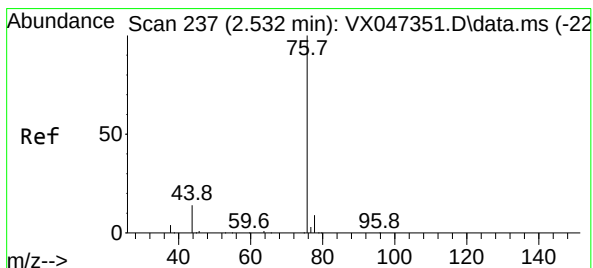
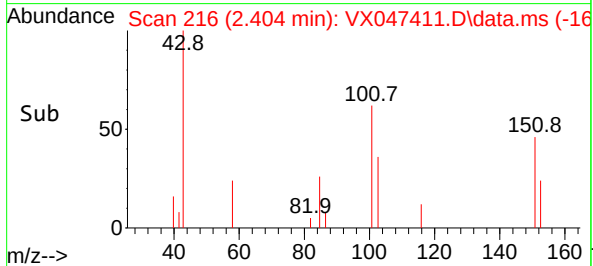
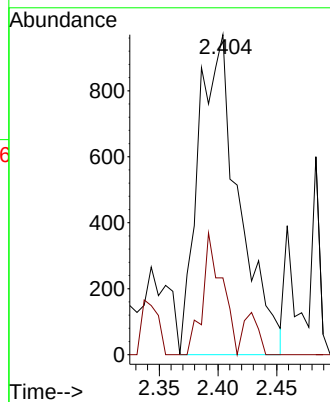
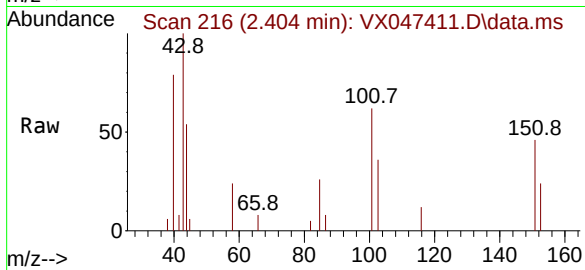
MW-06-6.5-08122025DL

Tgt Ion: 43 Resp: 2334

Ion Ratio Lower Upper

43 100

58 24.0 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.329 ug/l

RT: 2.538 min Scan# 238

Delta R.T. 0.006 min

Lab File: VX047411.D

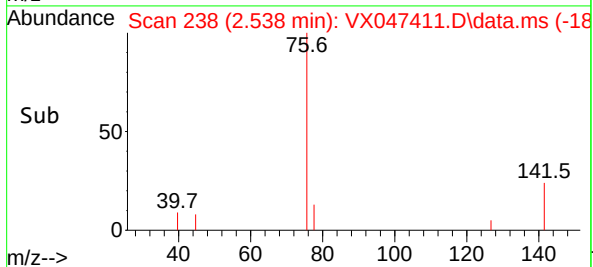
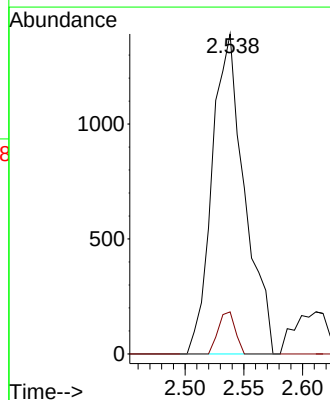
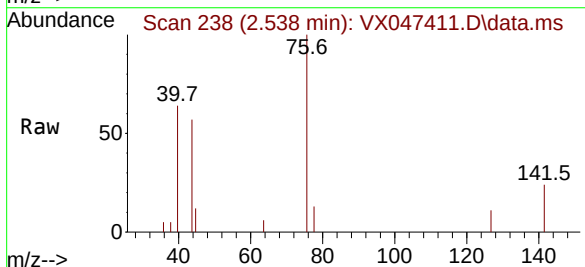
Acq: 19 Aug 2025 14:50

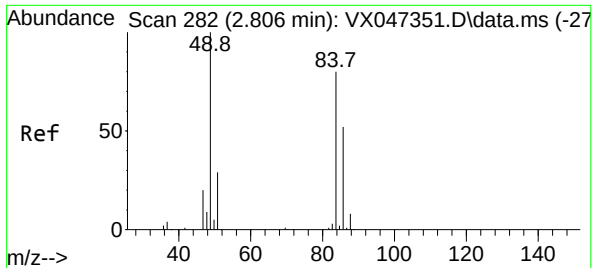
Tgt Ion: 76 Resp: 2678

Ion Ratio Lower Upper

76 100

78 13.1 7.2 10.8#





#20

Methylene Chloride

Concen: 0.300 ug/l

RT: 2.819 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX047411.D

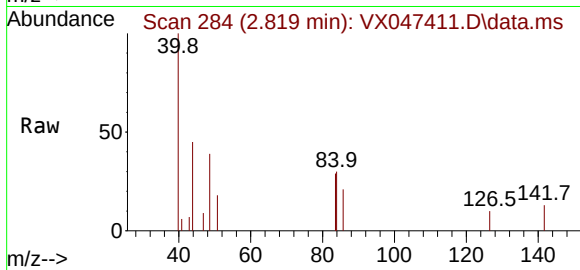
Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025DL



Tgt Ion: 84 Resp: 895

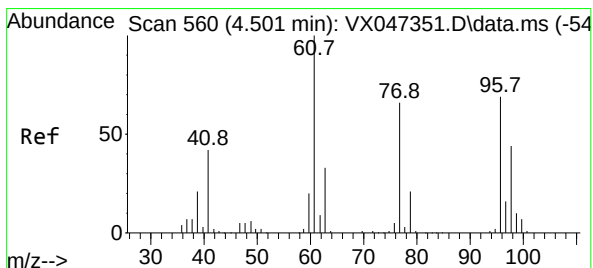
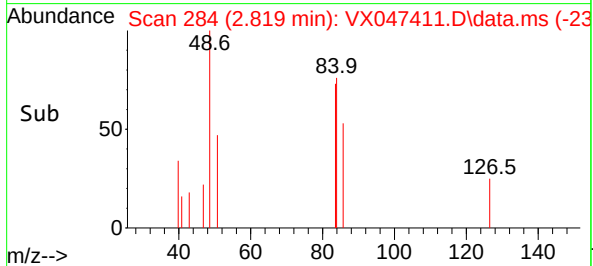
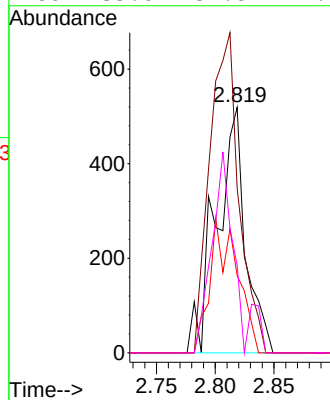
Ion Ratio Lower Upper

84 100

49 67.1 100.1 150.1#

51 31.4 29.5 44.3

86 35.6 51.8 77.8#



#27

cis-1,2-Dichloroethene

Concen: 0.911 ug/l

RT: 4.513 min Scan# 562

Delta R.T. 0.012 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

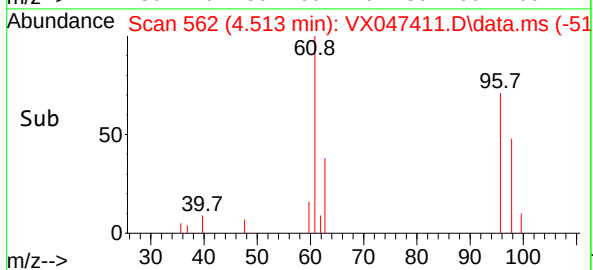
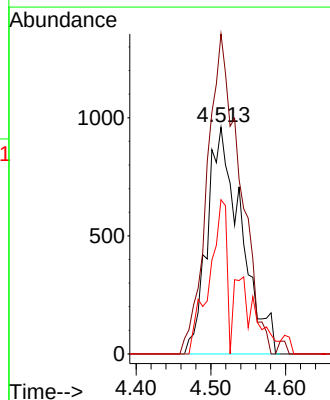
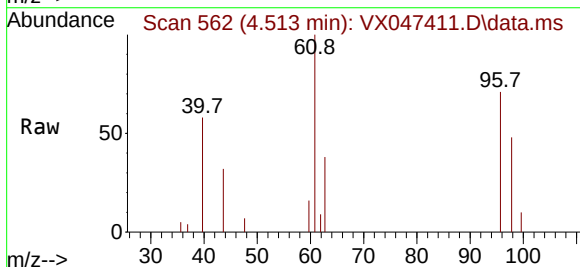
Tgt Ion: 96 Resp: 3036

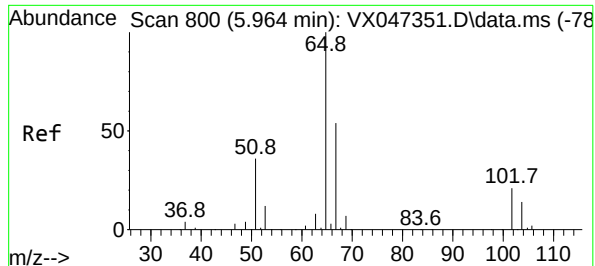
Ion Ratio Lower Upper

96 100

61 135.7 0.0 296.6

98 35.0 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 60.200 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

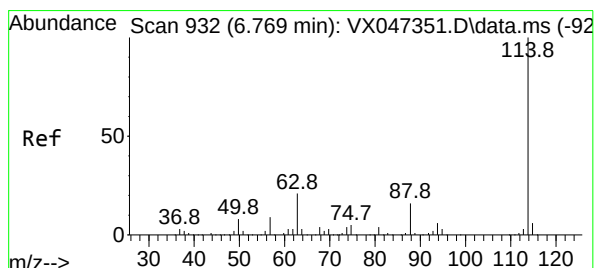
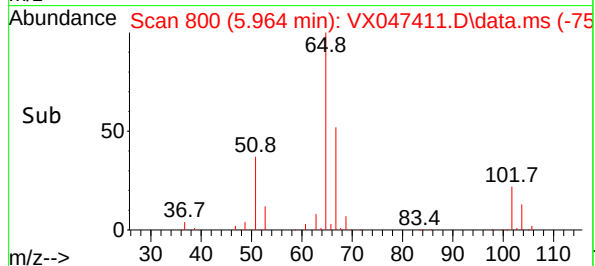
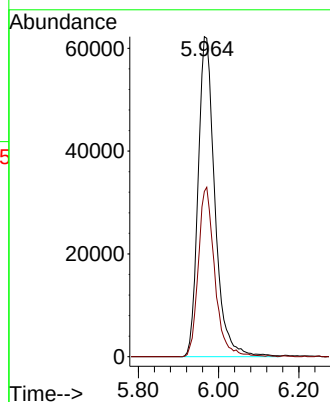
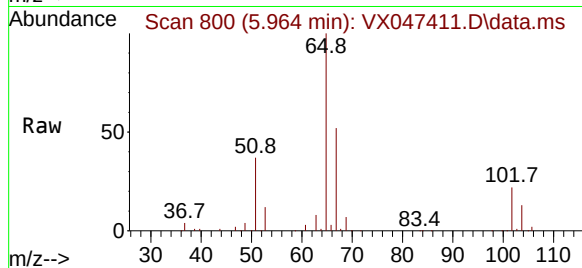
MW-06-6.5-08122025DL

Tgt Ion: 65 Resp: 180305

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

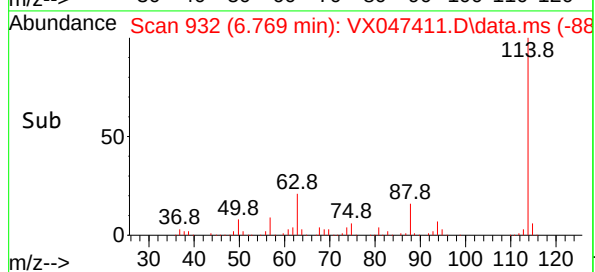
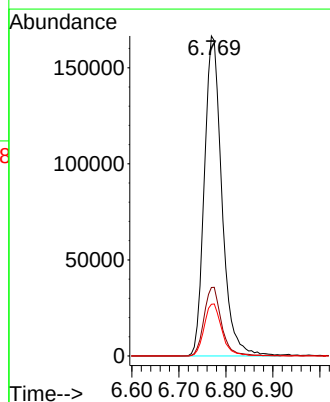
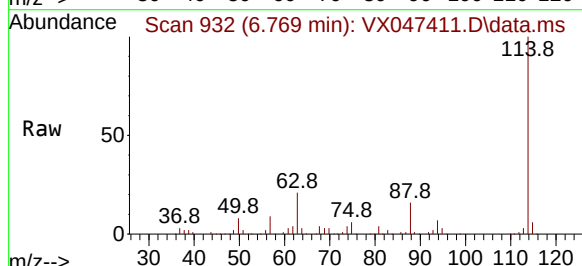
Tgt Ion: 114 Resp: 430805

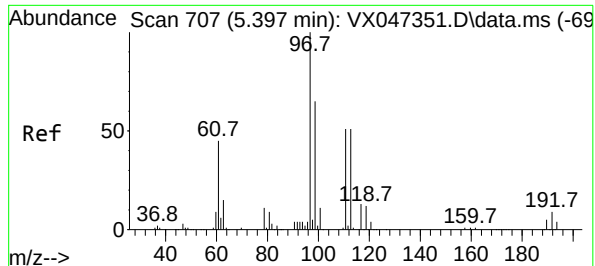
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.297 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047411.D

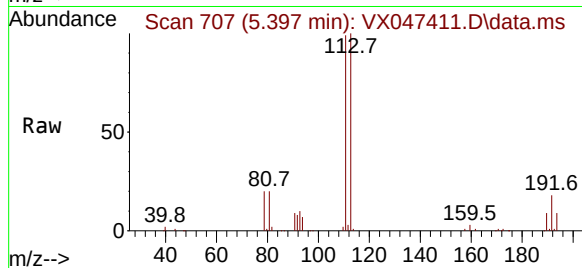
Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025DL



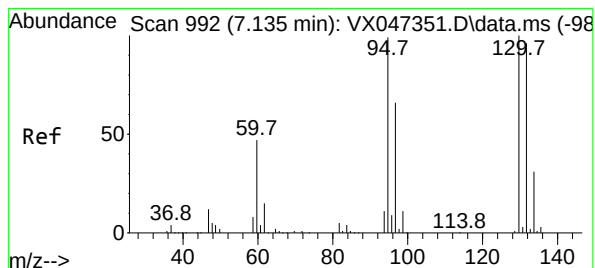
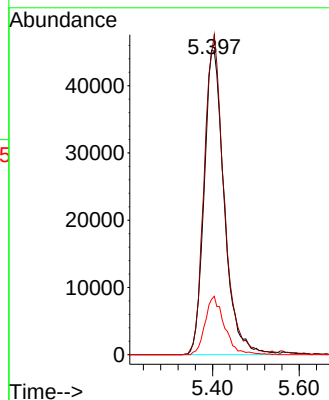
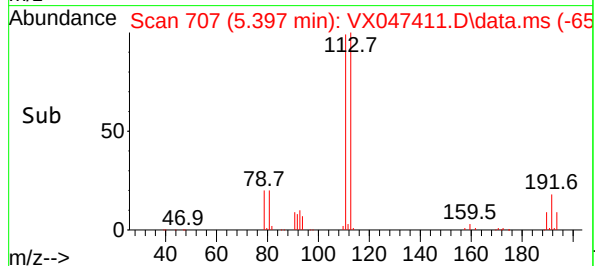
Tgt Ion:113 Resp: 146221

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

192 18.4 14.1 21.1



#44

Trichloroethene

Concen: 55.175 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX047411.D

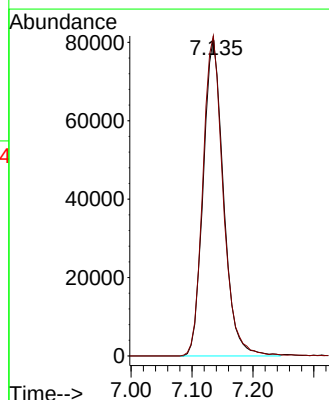
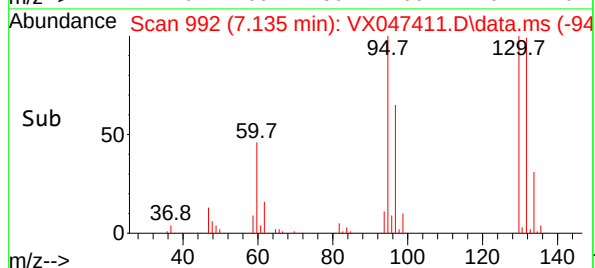
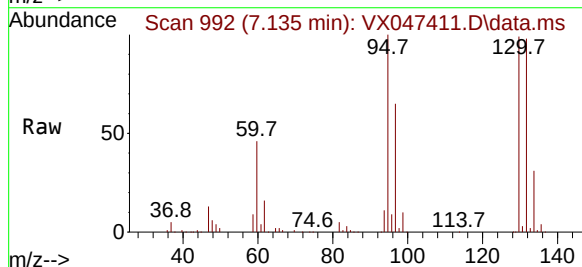
Acq: 19 Aug 2025 14:50

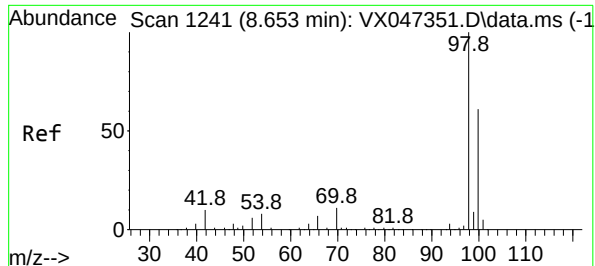
Tgt Ion:130 Resp: 186641

Ion Ratio Lower Upper

130 100

95 100.6 0.0 198.6

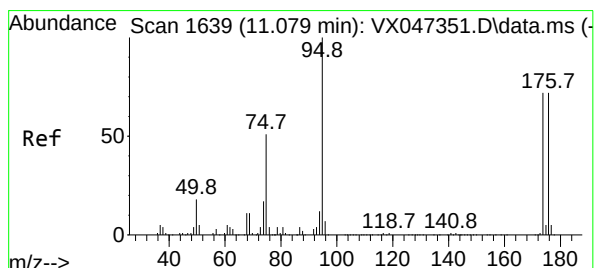
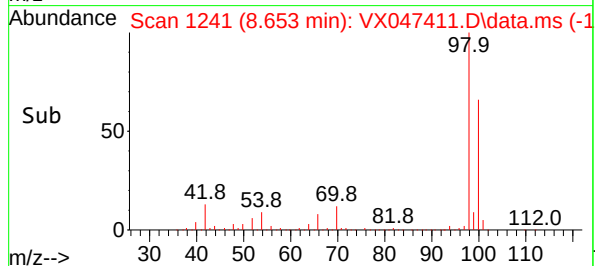
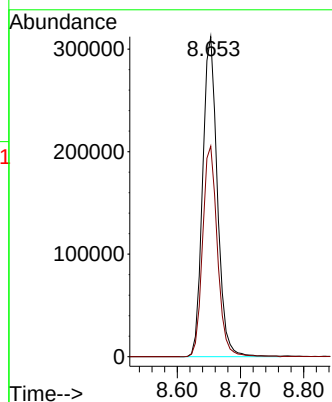
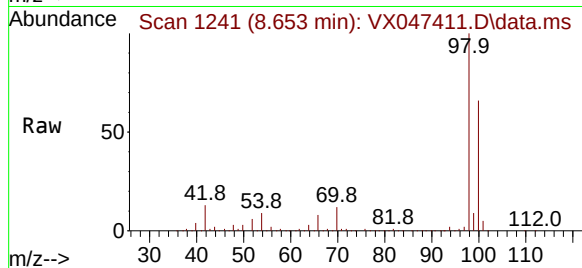




#50
Toluene-d8
Concen: 50.589 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

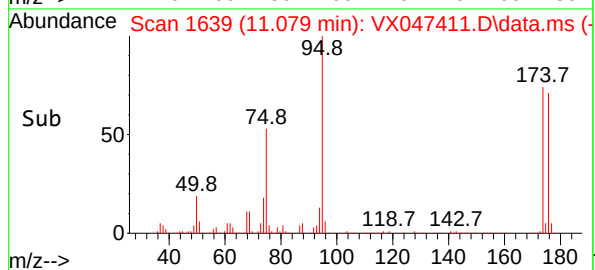
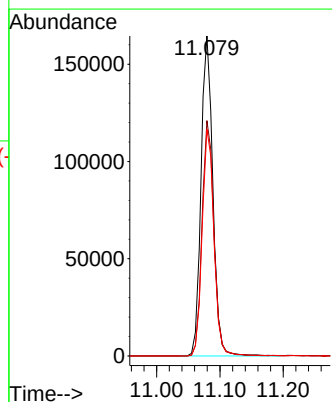
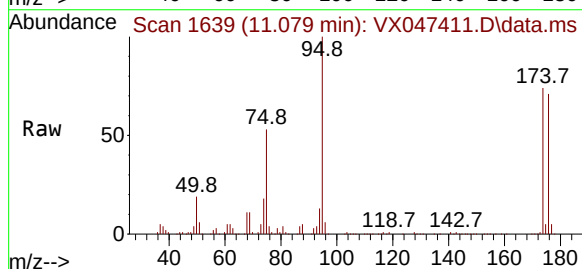
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

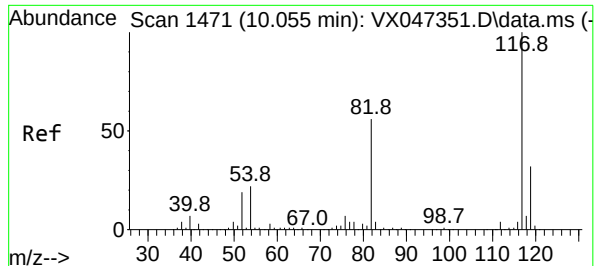
Tgt Ion: 98 Resp: 505562
Ion Ratio Lower Upper
98 100
100 66.1 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion: 95 Resp: 214011
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 70.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025DL

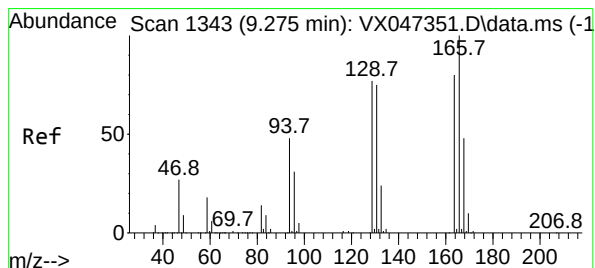
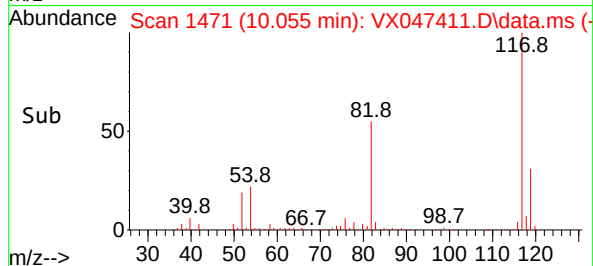
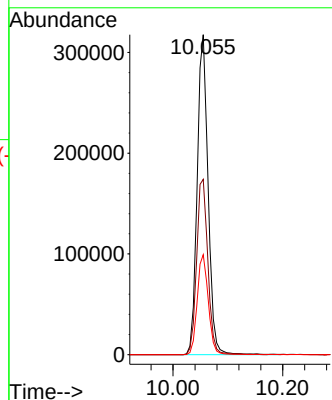
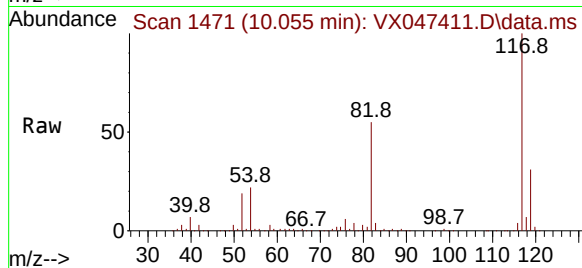
Tgt Ion:117 Resp: 440552

Ion Ratio Lower Upper

117 100

82 54.8 45.0 67.4

119 31.3 25.8 38.8



#64

Tetrachloroethene

Concen: 0.340 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Tgt Ion:164 Resp: 1084

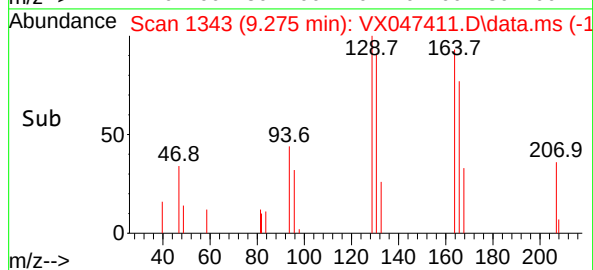
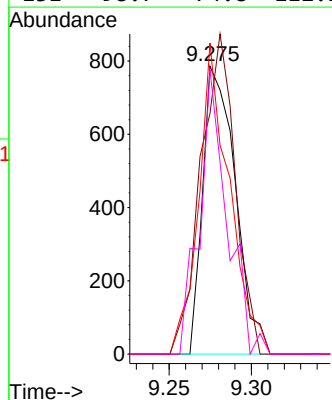
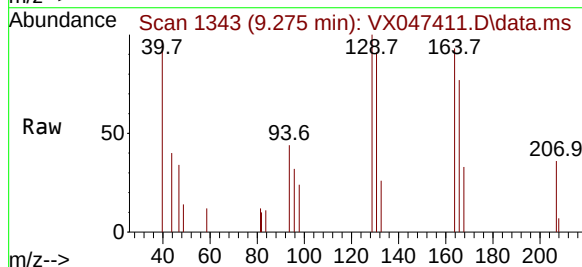
Ion Ratio Lower Upper

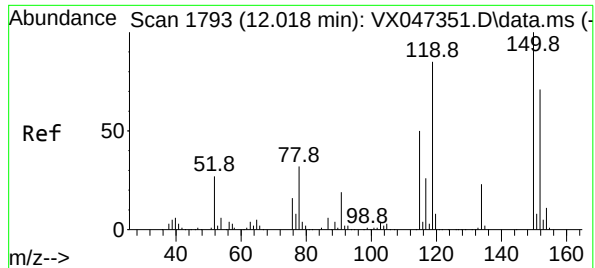
164 100

166 83.6 100.3 150.5#

129 108.0 77.7 116.5

131 98.7 74.8 112.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047411.D

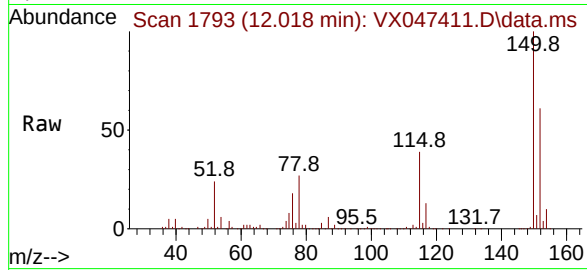
Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025DL



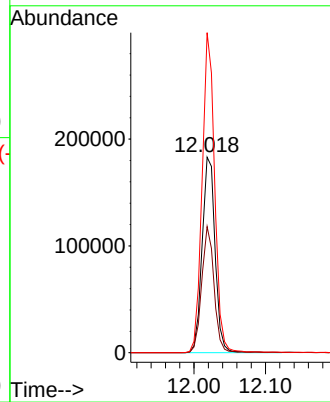
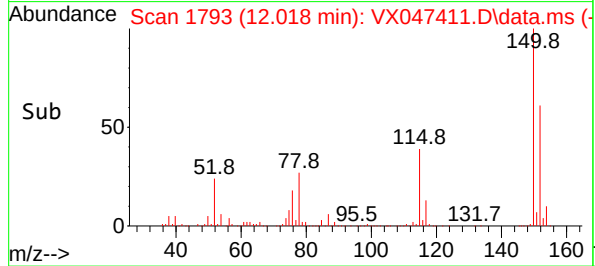
Tgt Ion:152 Resp: 231200

Ion Ratio Lower Upper

152 100

115 61.2 44.6 133.8

150 157.5 0.0 349.8



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047402.D
Acq On : 19 Aug 2025 10:55
Operator : JC/MD
Sample : VX0819WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

Quant Time: Aug 19 11:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	204625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163941	57.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.500%
35) Dibromofluoromethane	5.391	113	135590	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	8.647	98	471489	49.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.079	95	197272	56.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.280%

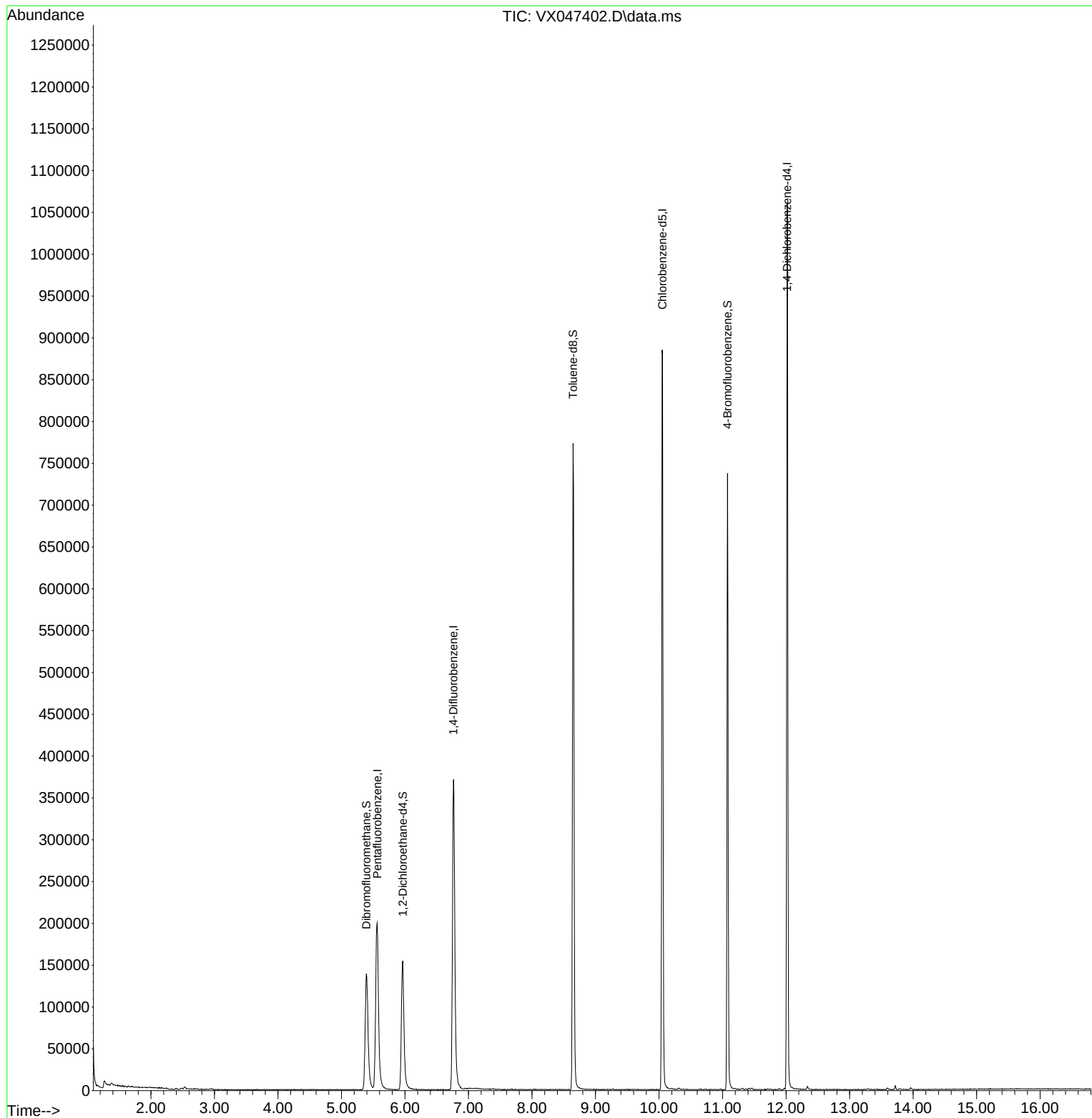
Target Compounds	Qvalue

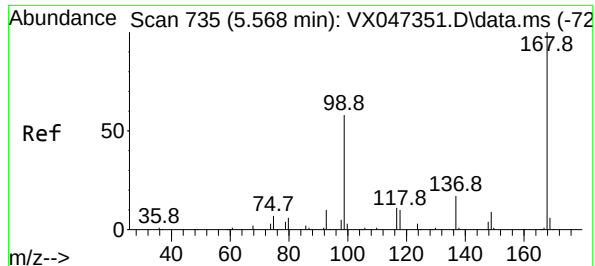
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047402.D
Acq On : 19 Aug 2025 10:55
Operator : JC/MD
Sample : VX0819WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

Quant Time: Aug 19 11:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

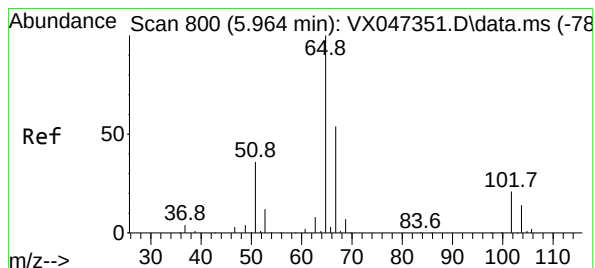
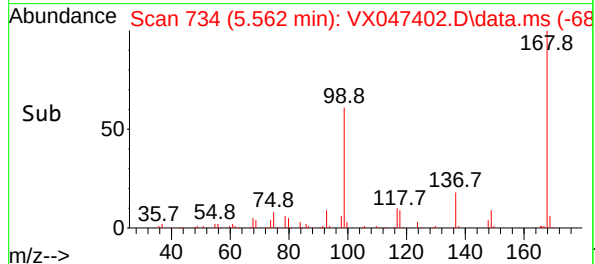
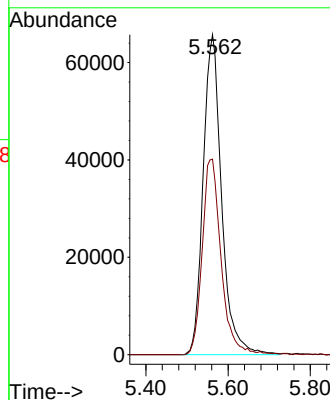
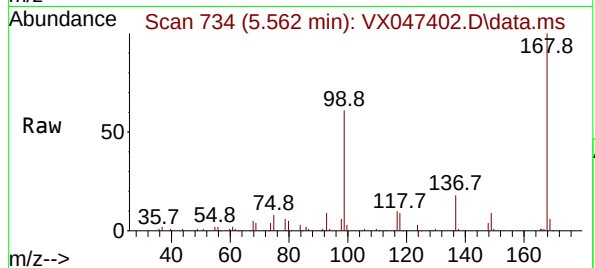
VX0819WBL01

Tgt Ion:168 Resp: 204625

Ion Ratio Lower Upper

168 100

99 61.1 47.9 71.9



#33

1,2-Dichloroethane-d4

Concen: 57.246 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047402.D

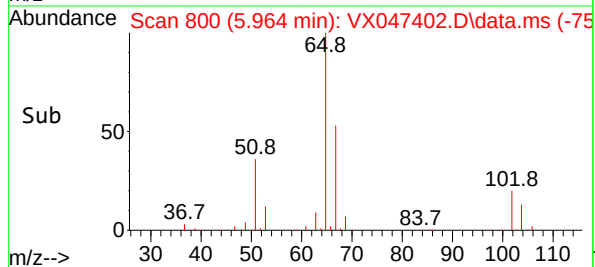
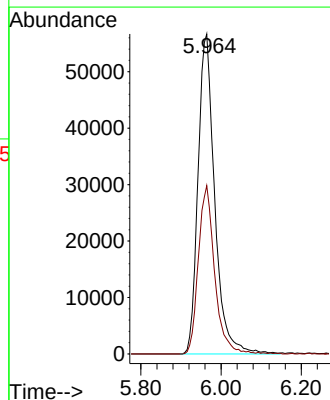
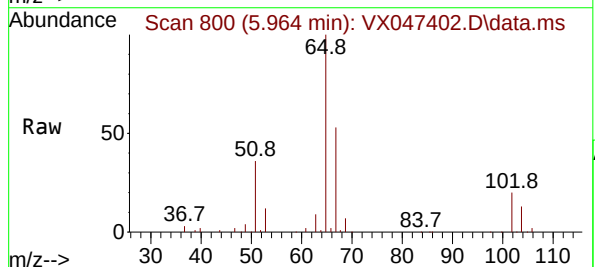
Acq: 19 Aug 2025 10:55

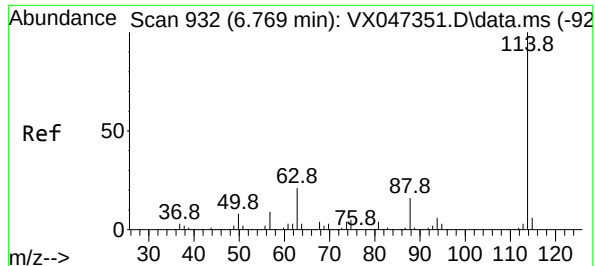
Tgt Ion: 65 Resp: 163941

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

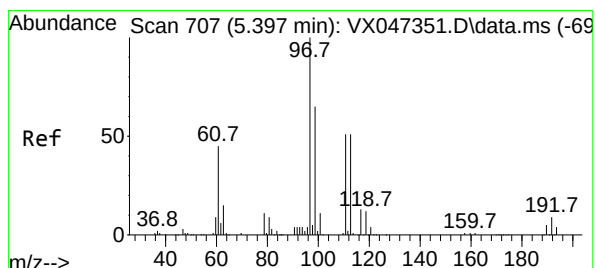
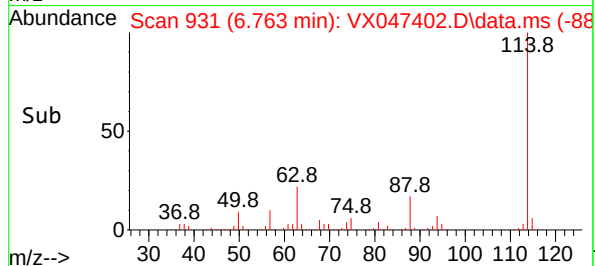
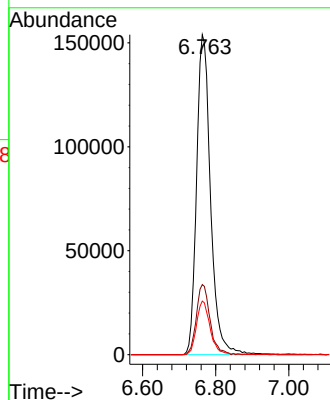
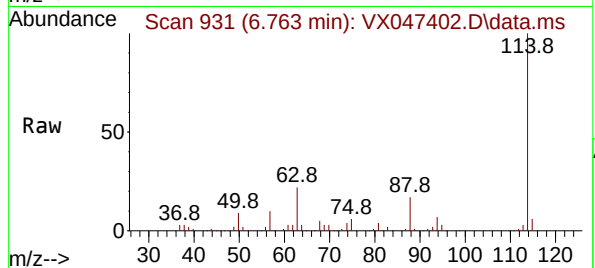
Tgt Ion:114 Resp: 410508

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 16.7 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.893 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

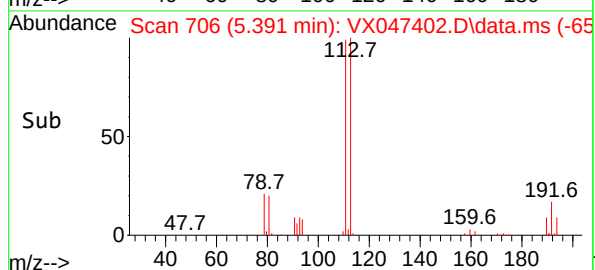
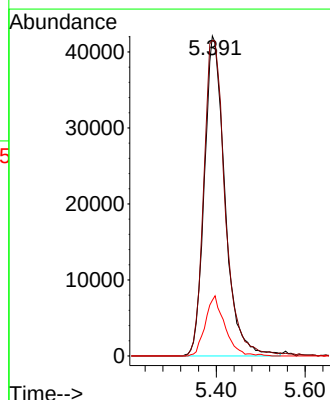
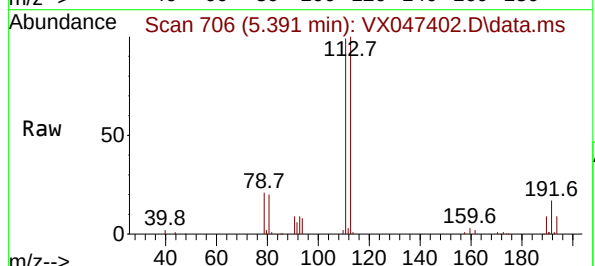
Tgt Ion:113 Resp: 135590

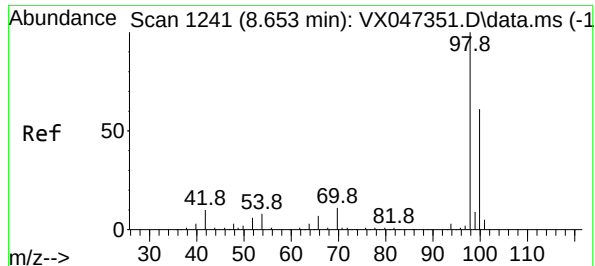
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

192 17.8 14.1 21.1





#50

Toluene-d8

Concen: 49.512 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

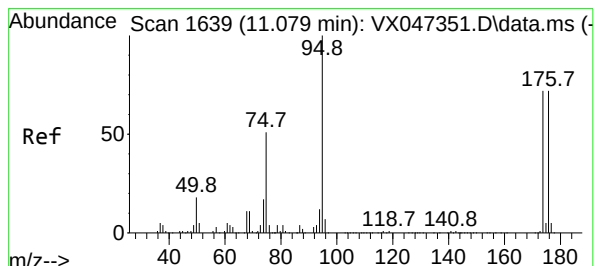
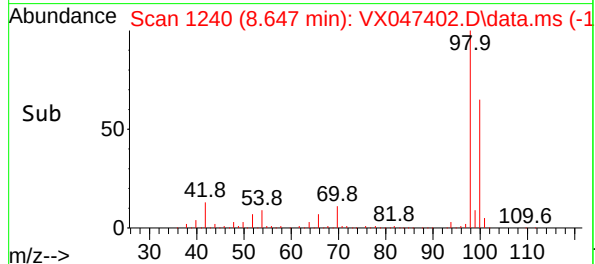
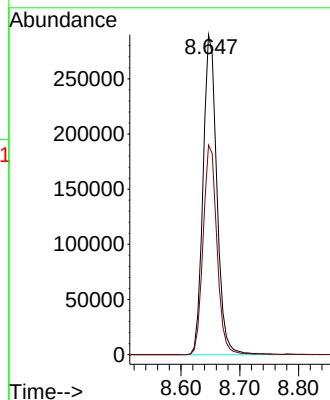
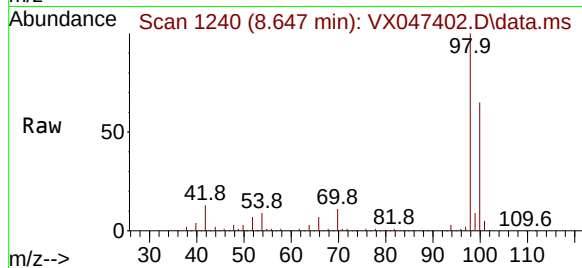
VX0819WBL01

Tgt Ion: 98 Resp: 471489

Ion Ratio Lower Upper

98 100

100 65.8 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 56.138 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

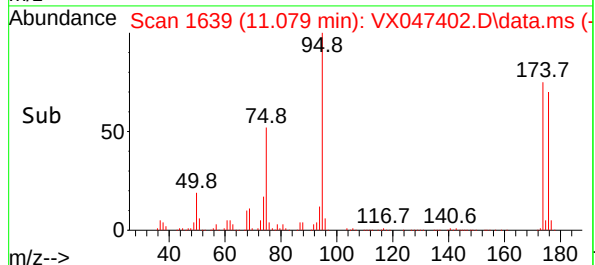
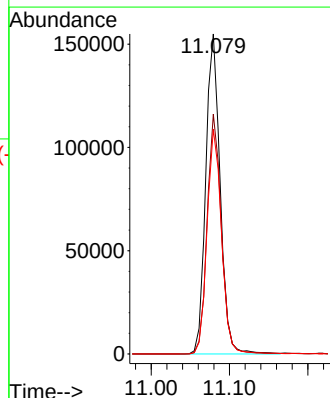
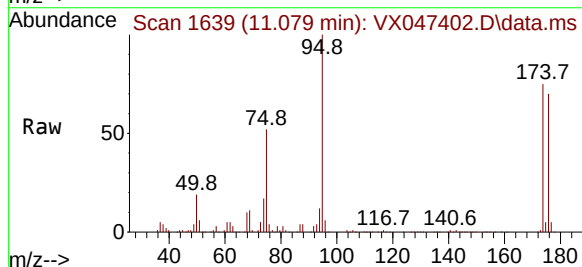
Tgt Ion: 95 Resp: 197272

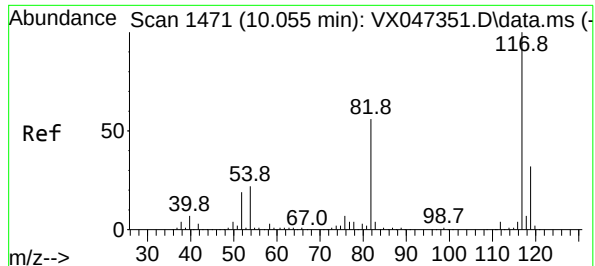
Ion Ratio Lower Upper

95 100

174 74.0 0.0 148.0

176 70.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

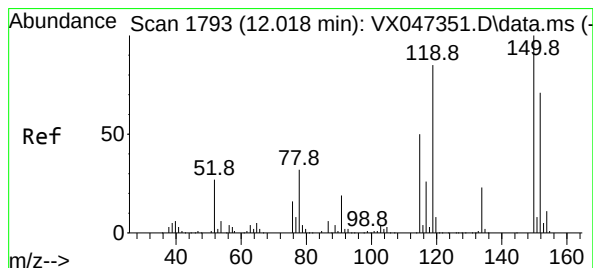
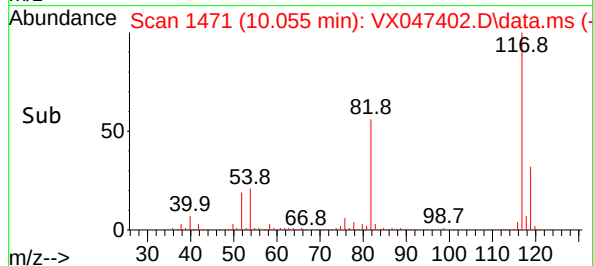
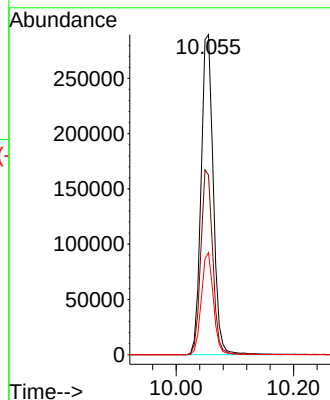
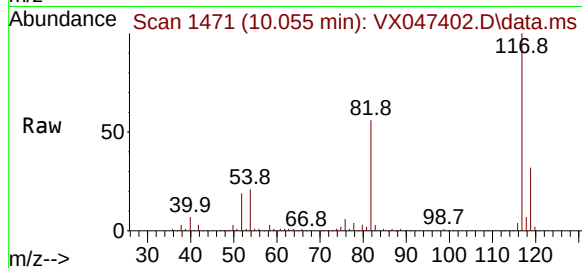
Tgt Ion:117 Resp: 416324

Ion Ratio Lower Upper

117 100

82 56.1 45.0 67.4

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047402.D

Acq: 19 Aug 2025 10:55

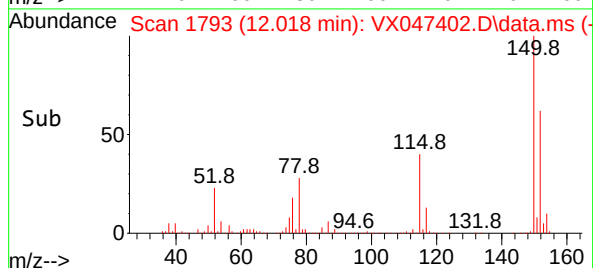
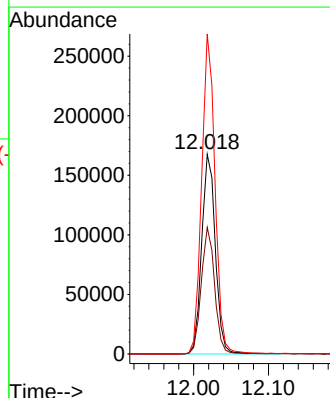
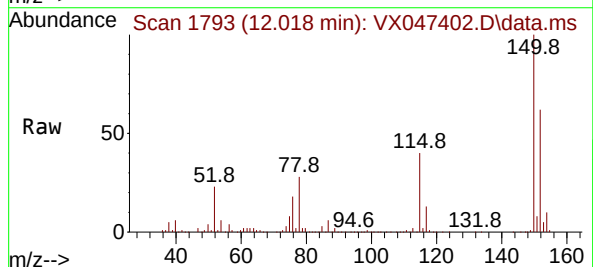
Tgt Ion:152 Resp: 212865

Ion Ratio Lower Upper

152 100

115 61.9 44.6 133.8

150 156.7 0.0 349.8



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047403.D
 Acq On : 19 Aug 2025 11:55
 Operator : JC/MD
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:13:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	225610	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	400778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	370967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171357	54.270	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.540%			
35) Dibromofluoromethane	5.391	113	135576	52.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.647	98	470012	50.555	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	181013	52.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	47669	16.575	ug/l	100
3) Chloromethane	1.313	50	44596	17.237	ug/l	98
4) Vinyl Chloride	1.392	62	53957	16.616	ug/l	98
5) Bromomethane	1.630	94	23833	18.170	ug/l	82
6) Chloroethane	1.709	64	34734	17.482	ug/l	98
7) Trichlorofluoromethane	1.904	101	78843	16.414	ug/l	94
8) Diethyl Ether	2.142	74	31787	18.794	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	46101	16.545	ug/l	99
10) Methyl Iodide	2.471	142	67548	14.146	ug/l	98
11) Tert butyl alcohol	2.959	59	27543	100.272	ug/l	99
12) 1,1-Dichloroethene	2.337	96	49153	17.304	ug/l	97
13) Acrolein	2.252	56	49678	85.675	ug/l	98
14) Allyl chloride	2.678	41	88890	18.017	ug/l	98
15) Acrylonitrile	3.081	53	129576	97.623	ug/l	99
16) Acetone	2.386	43	134660	113.461	ug/l	99
17) Carbon Disulfide	2.526	76	140642	16.407	ug/l	100
18) Methyl Acetate	2.715	43	59381	19.307	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	165987	19.208	ug/l	99
20) Methylene Chloride	2.800	84	59628	18.973	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	53480	17.738	ug/l	95
22) Diisopropyl ether	3.770	45	188286	19.306	ug/l	94
23) Vinyl Acetate	3.733	43	775713	97.042	ug/l	98
24) 1,1-Dichloroethane	3.623	63	102305	18.559	ug/l	97
25) 2-Butanone	4.562	43	164408	105.771	ug/l	98
26) 2,2-Dichloropropane	4.483	77	76816	18.463	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	65115	18.543	ug/l	99
28) Bromochloromethane	4.904	49	52508	22.891	ug/l	96
29) Tetrahydrofuran	5.019	42	97079	96.629	ug/l	96
30) Chloroform	5.099	83	106302	18.896	ug/l	97
31) Cyclohexane	5.477	56	84972	16.722	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	86840	17.934	ug/l	98
36) 1,1-Dichloropropene	5.702	75	69481	16.922	ug/l	99
37) Ethyl Acetate	4.715	43	70075	16.439	ug/l	96
38) Carbon Tetrachloride	5.684	117	75969	16.931	ug/l	98
39) Methylcyclohexane	7.385	83	77886	15.207	ug/l	97
40) Benzene	6.044	78	220693	17.957	ug/l	99

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047403.D
 Acq On : 19 Aug 2025 11:55
 Operator : JC/MD
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:13:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	35045	19.496	ug/l	92
42) 1,2-Dichloroethane	6.092	62	81344	18.686	ug/l	99
43) Isopropyl Acetate	6.348	43	110451	18.037	ug/l	99
44) Trichloroethene	7.129	130	54266	17.244	ug/l	99
45) 1,2-Dichloropropane	7.434	63	56455	18.336	ug/l	98
46) Dibromomethane	7.580	93	41245	18.452	ug/l	98
47) Bromodichloromethane	7.824	83	84911	18.324	ug/l	95
48) Methyl methacrylate	7.696	41	58149	18.294	ug/l	98
49) 1,4-Dioxane	7.690	88	11911	385.469	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	337359	95.733	ug/l	98
52) Toluene	8.720	92	137617	18.121	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	75672	18.711	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	85316	18.637	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54306	18.834	ug/l	100
56) Ethyl methacrylate	9.116	69	76225	17.930	ug/l	96
57) 1,3-Dichloropropane	9.305	76	94506	19.235	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	194420	100.929	ug/l	98
59) 2-Hexanone	9.433	43	237159	97.292	ug/l	100
60) Dibromochloromethane	9.519	129	64471	18.814	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55618	18.705	ug/l	99
64) Tetrachloroethene	9.269	164	44832	16.708	ug/l	98
65) Chlorobenzene	10.079	112	155025	17.585	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	53110	17.822	ug/l	99
67) Ethyl Benzene	10.189	91	259370	17.094	ug/l	99
68) m/p-Xylenes	10.299	106	198745	35.129	ug/l	100
69) o-Xylene	10.640	106	95777	17.591	ug/l	99
70) Styrene	10.653	104	168799	18.349	ug/l	99
71) Bromoform	10.799	173	40177	17.946	ug/l #	99
73) Isopropylbenzene	10.957	105	247370	16.649	ug/l	100
74) N-amyl acetate	10.842	43	100954	17.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	78682	18.037	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	57347m	16.468	ug/l	
77) Bromobenzene	11.195	156	63986	17.636	ug/l	98
78) n-propylbenzene	11.299	91	295566	16.657	ug/l	100
79) 2-Chlorotoluene	11.360	91	182492	17.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	206597	16.900	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10138	18.529	ug/l	97
82) 4-Chlorotoluene	11.451	91	216373	17.112	ug/l	100
83) tert-Butylbenzene	11.713	119	203328	16.671	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	214157	17.518	ug/l	100
85) sec-Butylbenzene	11.890	105	254977	16.867	ug/l	100
86) p-Isopropyltoluene	12.006	119	214549	16.772	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118907	17.156	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	122086	17.126	ug/l	99
89) n-Butylbenzene	12.329	91	197431	16.594	ug/l	99
90) Hexachloroethane	12.536	117	35860	15.980	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115308	17.527	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14165	16.791	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	73210	16.600	ug/l	99
94) Hexachlorobutadiene	13.719	225	25313	16.124	ug/l	98
95) Naphthalene	13.774	128	217150	17.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	71038	17.088	ug/l	99

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047403.D
Acq On : 19 Aug 2025 11:55
Operator : JC/MD
Sample : VX0819WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:13:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

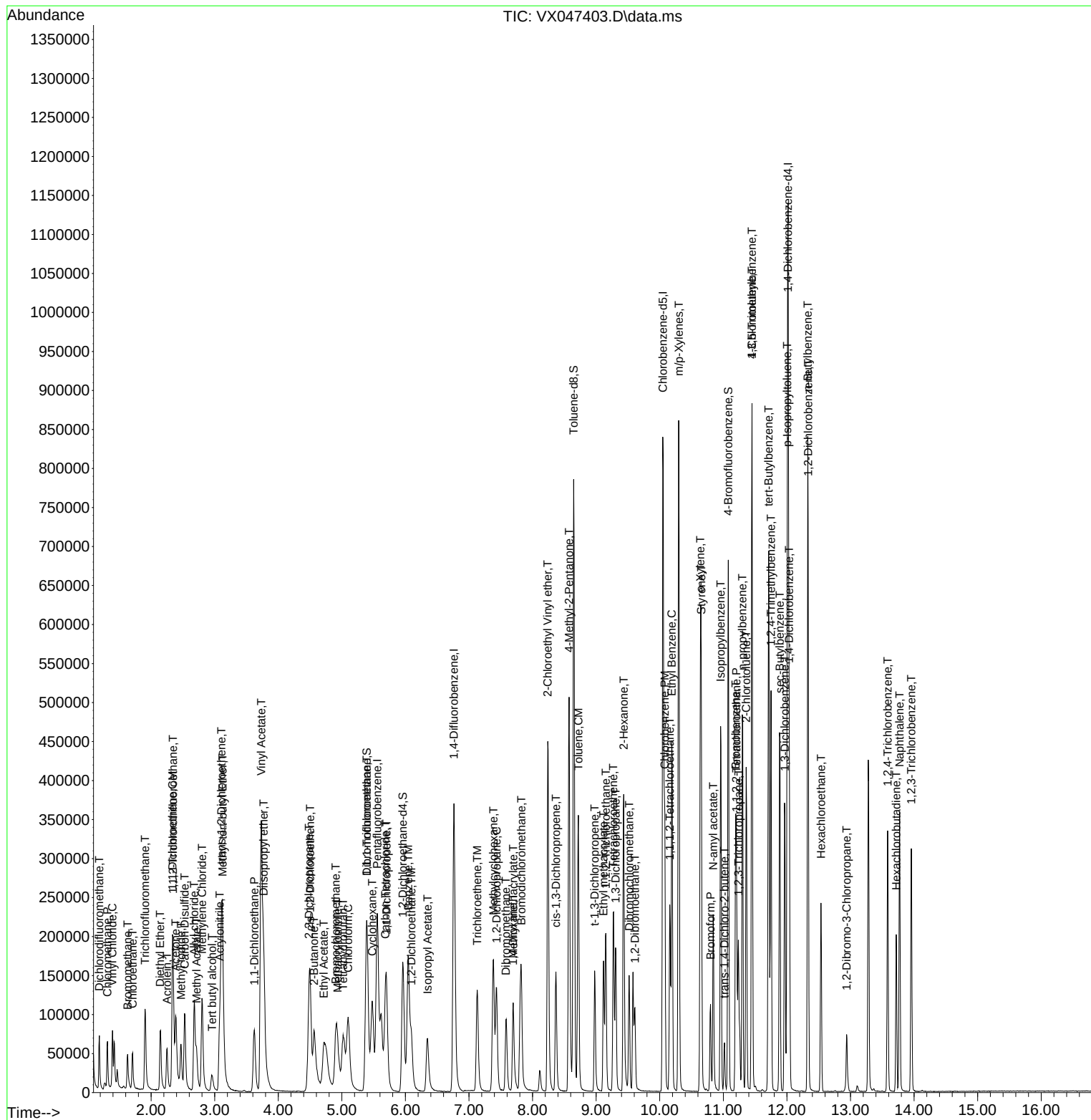
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047403.D
Acq On : 19 Aug 2025 11:55
Operator : JC/MD
Sample : VX0819WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:13:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047405.D
 Acq On : 19 Aug 2025 12:37
 Operator : JC/MD
 Sample : VX0819WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	228746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173401	54.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.320%			
35) Dibromofluoromethane	5.397	113	133228	51.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.653	98	464961	50.736	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	181529	53.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	48167	16.518	ug/l	99
3) Chloromethane	1.313	50	47416	18.076	ug/l	95
4) Vinyl Chloride	1.392	62	54098	16.431	ug/l #	64
5) Bromomethane	1.630	94	18415	13.847	ug/l	98
6) Chloroethane	1.709	64	40053	19.883	ug/l	99
7) Trichlorofluoromethane	1.904	101	79190	16.260	ug/l	94
8) Diethyl Ether	2.148	74	31587	18.420	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	47865	16.943	ug/l	100
10) Methyl Iodide	2.471	142	60898	12.579	ug/l	96
11) Tert butyl alcohol	2.965	59	30718	110.297	ug/l	98
12) 1,1-Dichloroethene	2.337	96	47603	16.528	ug/l	95
13) Acrolein	2.251	56	49016	83.374	ug/l	99
14) Allyl chloride	2.678	41	86456	17.283	ug/l	99
15) Acrylonitrile	3.081	53	131580	97.773	ug/l	98
16) Acetone	2.392	43	118674	98.621	ug/l	96
17) Carbon Disulfide	2.532	76	143093	16.465	ug/l	99
18) Methyl Acetate	2.715	43	63853	20.477	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	165202	18.855	ug/l	95
20) Methylene Chloride	2.806	84	58414	18.332	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	52164	17.065	ug/l	95
22) Diisopropyl ether	3.776	45	185604	18.771	ug/l	97
23) Vinyl Acetate	3.739	43	769207	94.909	ug/l	99
24) 1,1-Dichloroethane	3.629	63	100080	17.907	ug/l	97
25) 2-Butanone	4.568	43	160156	101.623	ug/l	99
26) 2,2-Dichloropropane	4.495	77	72356	17.153	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	63332	17.788	ug/l	100
28) Bromochloromethane	4.916	49	50702	21.801	ug/l	98
29) Tetrahydrofuran	5.025	42	102951	101.069	ug/l	98
30) Chloroform	5.105	83	104850	18.382	ug/l	97
31) Cyclohexane	5.483	56	81758	15.869	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	86106	17.538	ug/l	99
36) 1,1-Dichloropropene	5.708	75	66551	16.443	ug/l	98
37) Ethyl Acetate	4.727	43	75546	17.979	ug/l	98
38) Carbon Tetrachloride	5.690	117	75099	16.979	ug/l	98
39) Methylcyclohexane	7.385	83	80376	15.920	ug/l	96
40) Benzene	6.050	78	213254	17.603	ug/l	98

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047405.D
 Acq On : 19 Aug 2025 12:37
 Operator : JC/MD
 Sample : VX0819WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	33732	19.037	ug/l	98
42) 1,2-Dichloroethane	6.098	62	81377	18.964	ug/l	99
43) Isopropyl Acetate	6.348	43	116749	19.341	ug/l	99
44) Trichloroethene	7.135	130	53112	17.122	ug/l	99
45) 1,2-Dichloropropane	7.433	63	55453	18.271	ug/l	99
46) Dibromomethane	7.586	93	41218	18.707	ug/l	98
47) Bromodichloromethane	7.824	83	82785	18.123	ug/l	96
48) Methyl methacrylate	7.696	41	59306	18.928	ug/l	98
49) 1,4-Dioxane	7.683	88	12842	421.610	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	351322	101.138	ug/l	98
52) Toluene	8.720	92	135282	18.071	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74320	18.642	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	82154	18.206	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54565	19.197	ug/l	98
56) Ethyl methacrylate	9.116	69	80828	19.288	ug/l	98
57) 1,3-Dichloropropane	9.311	76	92722	19.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	190782	100.511	ug/l	100
59) 2-Hexanone	9.433	43	241137	100.355	ug/l	97
60) Dibromochloromethane	9.518	129	62976	18.644	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56725	19.354	ug/l	96
64) Tetrachloroethene	9.275	164	44006	16.386	ug/l	98
65) Chlorobenzene	10.079	112	150949	17.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51594	17.298	ug/l	99
67) Ethyl Benzene	10.195	91	255830	16.847	ug/l	100
68) m/p-Xylenes	10.299	106	194493	34.348	ug/l	98
69) o-Xylene	10.640	106	92973	17.062	ug/l	100
70) Styrene	10.652	104	162232	17.620	ug/l	100
71) Bromoform	10.799	173	40831	18.222	ug/l #	98
73) Isopropylbenzene	10.963	105	244270	16.480	ug/l	99
74) N-amyl acetate	10.841	43	100184	17.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	79781	18.332	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59679m	17.179	ug/l	
77) Bromobenzene	11.195	156	63251	17.475	ug/l	97
78) n-propylbenzene	11.305	91	293555	16.583	ug/l	100
79) 2-Chlorotoluene	11.360	91	179419	16.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206343	16.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9694	18.086	ug/l	93
82) 4-Chlorotoluene	11.451	91	212416	16.839	ug/l	100
83) tert-Butylbenzene	11.713	119	203047	16.688	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	208526	17.098	ug/l	99
85) sec-Butylbenzene	11.890	105	251738	16.692	ug/l	100
86) p-Isopropyltoluene	12.006	119	213521	16.732	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118575	17.148	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	118652	16.684	ug/l	98
89) n-Butylbenzene	12.329	91	197278	16.620	ug/l	100
90) Hexachloroethane	12.536	117	36224	16.180	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	113288	17.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14730	17.502	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	72411	16.457	ug/l	99
94) Hexachlorobutadiene	13.719	225	25996	16.599	ug/l	97
95) Naphthalene	13.774	128	219869	17.486	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71446	17.227	ug/l	98

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047405.D
Acq On : 19 Aug 2025 12:37
Operator : JC/MD
Sample : VX0819WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:54:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

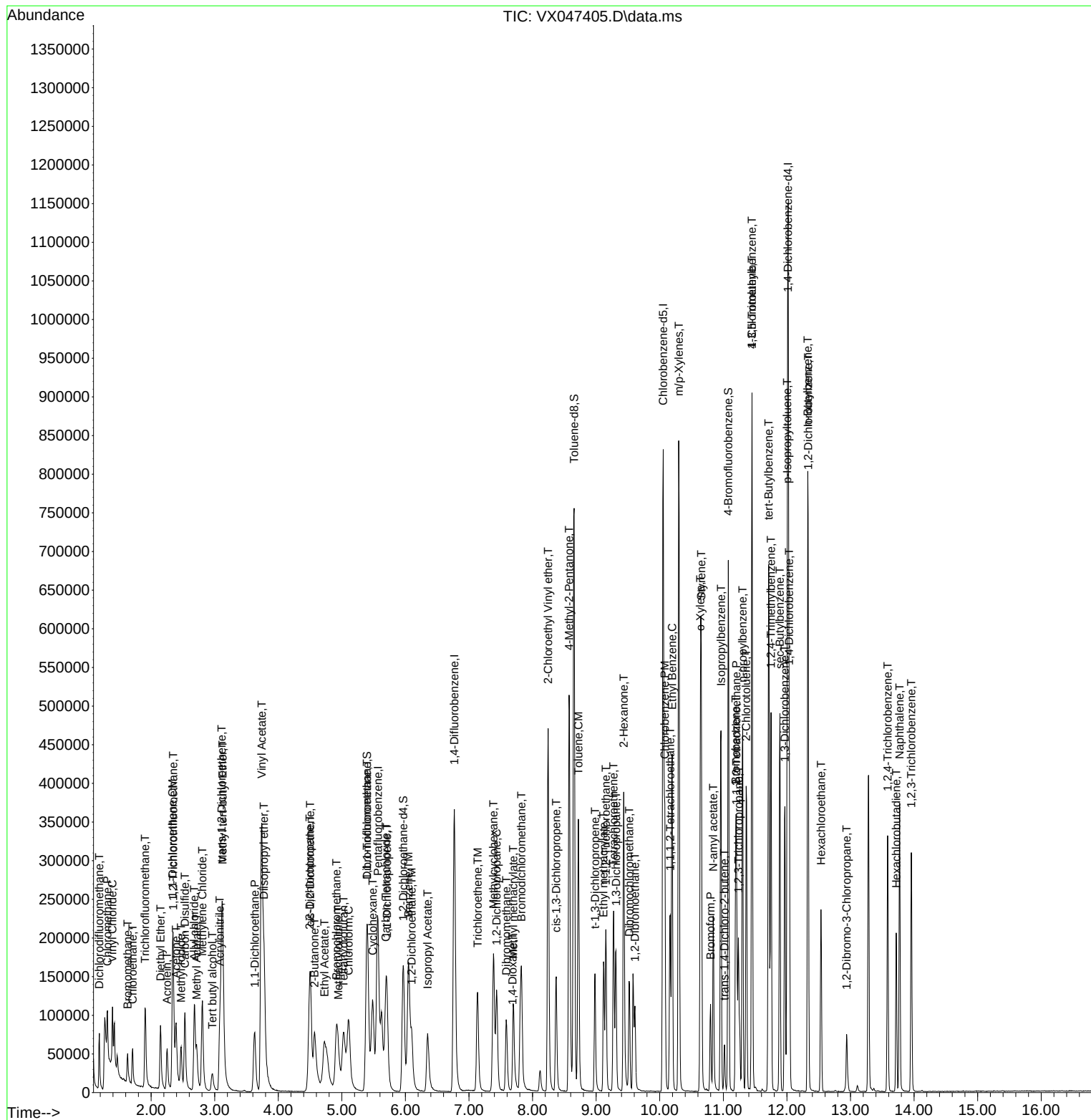
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047405.D
Acq On : 19 Aug 2025 12:37
Operator : JC/MD
Sample : VX0819WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:54:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x
-----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX047349.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	1,4-Dioxane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	Tetrahydrofuran	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,4-Dioxane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICCC050	VX047351.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:42:59 AM	MMDadoda	8/19/2025 1:41:07 AM	Peak Integrated by Software
VSTDICC100	VX047352.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:03 AM	MMDadoda	8/19/2025 1:41:08 AM	Peak Integrated by Software
VSTDICC150	VX047353.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:07 AM	MMDadoda	8/19/2025 1:41:10 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dichlorobenzene	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dioxane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Allyl chloride	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Ethyl Acetate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x
-----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047356.D	Methacrylonitrile	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Methyl methacrylate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Tetrahydrofuran	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,4-Dioxane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDCCC050	VX047369.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:44 AM	MMDadoda	8/19/2025 1:41:35 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX081925	Instrument	MSVOA_x
-----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047400.D	1,2,3-Trichloropropane	JOHN	8/20/2025 8:36:13 AM	MMDadoda	8/20/2025 8:57:32 AM	Peak Integrated by Software
VX0819WBS01	VX047403.D	1,2,3-Trichloropropane	JOHN	8/20/2025 8:36:18 AM	MMDadoda	8/20/2025 8:57:35 AM	Peak Integrated by Software
VX0819WBSD0 1	VX047405.D	1,2,3-Trichloropropane	JOHN	8/20/2025 8:36:23 AM	MMDadoda	8/20/2025 8:57:36 AM	Peak Integrated by Software
VSTDCCC050	VX047425.D	1,2,3-Trichloropropane	JOHN	8/20/2025 8:36:41 AM	MMDadoda	8/20/2025 8:57:39 AM	Peak Integrated by Software

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047347.D	15 Aug 2025 08:28	JC/MD	Ok
2	VSTDIC001	VX047348.D	15 Aug 2025 09:18	JC/MD	Not Ok
3	VSTDIC005	VX047349.D	15 Aug 2025 09:40	JC/MD	Ok,M
4	VSTDIC020	VX047350.D	15 Aug 2025 10:01	JC/MD	Ok,M
5	VSTDIC050	VX047351.D	15 Aug 2025 10:22	JC/MD	Ok,M
6	VSTDIC100	VX047352.D	15 Aug 2025 10:43	JC/MD	Ok,M
7	VSTDIC150	VX047353.D	15 Aug 2025 11:05	JC/MD	Ok,M
8	IBLK	VX047354.D	15 Aug 2025 11:26	JC/MD	Ok
9	VSTDIC001	VX047355.D	15 Aug 2025 12:08	JC/MD	Not Ok
10	VSTDIC001	VX047356.D	15 Aug 2025 12:30	JC/MD	Ok,M
11	VSTDICV050	VX047357.D	15 Aug 2025 13:11	JC/MD	Ok,M
12	VX0815WBL01	VX047358.D	15 Aug 2025 13:39	JC/MD	Ok
13	VX0815MBL01	VX047359.D	15 Aug 2025 14:00	JC/MD	Ok
14	VX0815WBS01	VX047360.D	15 Aug 2025 14:21	JC/MD	Ok,M
15	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49	JC/MD	Ok,M
16	Q2880-01	VX047362.D	15 Aug 2025 15:10	JC/MD	Ok
17	Q2880-02	VX047363.D	15 Aug 2025 15:32	JC/MD	Ok
18	Q2880-03	VX047364.D	15 Aug 2025 15:53	JC/MD	Ok
19	Q2880-04	VX047365.D	15 Aug 2025 16:15	JC/MD	Ok
20	Q2886-01	VX047366.D	15 Aug 2025 16:36	JC/MD	Ok
21	Q2886-02	VX047367.D	15 Aug 2025 16:58	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2837-01	VX047368.D	15 Aug 2025 17:19	JC/MD	Ok,M
23	VSTDCCC050	VX047369.D	15 Aug 2025 17:41	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081925

Review By	John Carlone	Review On	8/20/2025 8:46:25 AM
Supervise By	Maresh Dadoda	Supervise On	8/20/2025 8:58:28 AM
SubDirectory	VX081925	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135170		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135171,VP135172		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047399.D	19 Aug 2025 08:38	JC/MD	Ok
2	VSTDCCC050	VX047400.D	19 Aug 2025 09:37	JC/MD	Ok,M
3	VX0819MBL01	VX047401.D	19 Aug 2025 10:05	JC/MD	Ok
4	VX0819WBL01	VX047402.D	19 Aug 2025 10:55	JC/MD	Ok
5	VX0819WBS01	VX047403.D	19 Aug 2025 11:55	JC/MD	Ok,M
6	Q2815-11	VX047404.D	19 Aug 2025 12:16	JC/MD	Ok
7	VX0819WBSD01	VX047405.D	19 Aug 2025 12:37	JC/MD	Ok,M
8	Q2815-12	VX047406.D	19 Aug 2025 12:59	JC/MD	Ok
9	Q2815-16RE	VX047407.D	19 Aug 2025 13:20	JC/MD	Confirms
10	Q2815-24	VX047408.D	19 Aug 2025 13:41	JC/MD	Ok
11	Q2815-26	VX047409.D	19 Aug 2025 14:07	JC/MD	ReRun
12	Q2841-01	VX047410.D	19 Aug 2025 14:29	JC/MD	Ok
13	Q2841-01DL	VX047411.D	19 Aug 2025 14:50	JC/MD	Ok
14	Q2815-20	VX047412.D	19 Aug 2025 15:11	JC/MD	Ok
15	Q2815-21	VX047413.D	19 Aug 2025 15:32	JC/MD	ReRun
16	Q2815-22	VX047414.D	19 Aug 2025 15:53	JC/MD	ReRun
17	Q2815-23	VX047415.D	19 Aug 2025 16:14	JC/MD	Ok
18	Q2869-07	VX047416.D	19 Aug 2025 16:36	JC/MD	Ok
19	Q2869-10	VX047417.D	19 Aug 2025 16:57	JC/MD	Ok
20	Q2869-11	VX047418.D	19 Aug 2025 17:18	JC/MD	Ok
21	Q2815-18	VX047419.D	19 Aug 2025 17:39	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081925

Review By	John Carlone	Review On	8/20/2025 8:46:25 AM
Supervise By	Maresh Dadoda	Supervise On	8/20/2025 8:58:28 AM
SubDirectory	VX081925	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135170		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135171,VP135172		

22	Q2815-19	VX047420.D	19 Aug 2025 18:00	JC/MD	Ok
23	Q2869-01	VX047421.D	19 Aug 2025 18:22	JC/MD	Ok
24	VX0819MBS01	VX047422.D	19 Aug 2025 18:43	JC/MD	Ok,M
25	Q2844-09DL	VX047423.D	19 Aug 2025 19:04	JC/MD	Ok
26	Q2884-03DL	VX047424.D	19 Aug 2025 19:25	JC/MD	Ok
27	VSTDCCC050	VX047425.D	19 Aug 2025 19:47	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM	VP135159		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047347.D	15 Aug 2025 08:28		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX047348.D	15 Aug 2025 09:18	Not used	JC/MD	Not Ok
3	VSTDIC005	VSTDIC005	VX047349.D	15 Aug 2025 09:40	LR-58,81	JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX047350.D	15 Aug 2025 10:01		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX047351.D	15 Aug 2025 10:22		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX047352.D	15 Aug 2025 10:43		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX047353.D	15 Aug 2025 11:05		JC/MD	Ok,M
8	IBLK	IBLK	VX047354.D	15 Aug 2025 11:26		JC/MD	Ok
9	VSTDIC001	VSTDIC001	VX047355.D	15 Aug 2025 12:08	Not used	JC/MD	Not Ok
10	VSTDIC001	VSTDIC001	VX047356.D	15 Aug 2025 12:30		JC/MD	Ok,M
11	VSTDICV050	ICVVX081525	VX047357.D	15 Aug 2025 13:11		JC/MD	Ok,M
12	VX0815WBL01	VX0815WBL01	VX047358.D	15 Aug 2025 13:39		JC/MD	Ok
13	VX0815MBL01	VX0815MBL01	VX047359.D	15 Aug 2025 14:00		JC/MD	Ok
14	VX0815WBS01	VX0815WBS01	VX047360.D	15 Aug 2025 14:21		JC/MD	Ok,M
15	VX0815WBSD01	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49		JC/MD	Ok,M
16	Q2880-01	STORAGE-BLANK-SO	VX047362.D	15 Aug 2025 15:10	vial A pH<2	JC/MD	Ok
17	Q2880-02	STORAGE-BLANK-WA	VX047363.D	15 Aug 2025 15:32	vial A pH<2	JC/MD	Ok
18	Q2880-03	STORAGE-BLANK-WA	VX047364.D	15 Aug 2025 15:53	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM
Supervise By	Maresh Dadoda	Supervise On	8/19/2025 1:41:47 AM
SubDirectory	VX081525	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135148		
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158		
CCC	VP135152		
Internal Standard/PEM			
ICV/I.BLK	VP135159		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2880-04	STORAGE-BLANK-SAL	VX047365.D	15 Aug 2025 16:15	vial A pH<2	JC/MD	Ok
20	Q2886-01	BP-TT182D-TB-202508	VX047366.D	15 Aug 2025 16:36	vial A pH<2	JC/MD	Ok
21	Q2886-02	BP-TT182D-GW-202508	VX047367.D	15 Aug 2025 16:58	vial A pH<2 Surrogate Fail	JC/MD	ReRun
22	Q2837-01	TW-WTS-13	VX047368.D	15 Aug 2025 17:19	vial B pH<2	JC/MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VX047369.D	15 Aug 2025 17:41		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081925

Review By	John Carlone	Review On	8/20/2025 8:46:25 AM
Supervise By	Maresh Dadoda	Supervise On	8/20/2025 8:58:28 AM
SubDirectory	VX081925	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135170		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135171,VP135172		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047399.D	19 Aug 2025 08:38		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047400.D	19 Aug 2025 09:37	pH#Lot#V12668	JC/MD	Ok,M
3	VX0819MBL01	VX0819MBL01	VX047401.D	19 Aug 2025 10:05		JC/MD	Ok
4	VX0819WBL01	VX0819WBL01	VX047402.D	19 Aug 2025 10:55		JC/MD	Ok
5	VX0819WBS01	VX0819WBS01	VX047403.D	19 Aug 2025 11:55		JC/MD	Ok,M
6	Q2815-11	TW-22M-W	VX047404.D	19 Aug 2025 12:16	vial B pH<2	JC/MD	Ok
7	VX0819WBSD01	VX0819WBSD01	VX047405.D	19 Aug 2025 12:37		JC/MD	Ok,M
8	Q2815-12	TW-22M-S	VX047406.D	19 Aug 2025 12:59	vial B pH<2	JC/MD	Ok
9	Q2815-16RE	TW-17M-SRE	VX047407.D	19 Aug 2025 13:20	vial B pH<2 Surrogate Fail	JC/MD	Confirms
10	Q2815-24	TB	VX047408.D	19 Aug 2025 13:41	vial A pH<2 TB	JC/MD	Ok
11	Q2815-26	FB	VX047409.D	19 Aug 2025 14:07	vial A pH<2 FB;Surrogate Fail	JC/MD	ReRun
12	Q2841-01	MW-06-6.5-08122025	VX047410.D	19 Aug 2025 14:29	vial A pH<2	JC/MD	Ok
13	Q2841-01DL	MW-06-6.5-08122025D	VX047411.D	19 Aug 2025 14:50		JC/MD	Ok
14	Q2815-20	TW-11M-W	VX047412.D	19 Aug 2025 15:11	vial A pH<2	JC/MD	Ok
15	Q2815-21	TW-11M-E	VX047413.D	19 Aug 2025 15:32	vial A pH<2 Surrogate Fail	JC/MD	ReRun
16	Q2815-22	TW-11M-S	VX047414.D	19 Aug 2025 15:53	vial A pH<2 Surrogate Fail	JC/MD	ReRun
17	Q2815-23	TW-11M-N	VX047415.D	19 Aug 2025 16:14	vial A pH<2	JC/MD	Ok
18	Q2869-07	EB01-081325	VX047416.D	19 Aug 2025 16:36	vial A pH<2 EB	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX081925

Review By	John Carlone	Review On	8/20/2025 8:46:25 AM
Supervise By	Maresh Dadoda	Supervise On	8/20/2025 8:58:28 AM
SubDirectory	VX081925	HP Acquire Method	HP Processing Method 82X081525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135170		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135171,VP135172		

19	Q2869-10	EB02-081325	VX047417.D	19 Aug 2025 16:57	vial A pH<2 EB	JC/MD	Ok
20	Q2869-11	TB01-081325	VX047418.D	19 Aug 2025 17:18	vial A pH<2 TB	JC/MD	Ok
21	Q2815-18	TW-84SB-W	VX047419.D	19 Aug 2025 17:39	vial A pH<2	JC/MD	Ok
22	Q2815-19	DUP	VX047420.D	19 Aug 2025 18:00	vial A pH<2	JC/MD	Ok
23	Q2869-01	MW-19B-71.5-081325	VX047421.D	19 Aug 2025 18:22	vial A pH<2	JC/MD	Ok
24	VX0819MBS01	VX0819MBS01	VX047422.D	19 Aug 2025 18:43		JC/MD	Ok,M
25	Q2844-09DL	MOO-25-0226DL	VX047423.D	19 Aug 2025 19:04		JC/MD	Ok
26	Q2884-03DL	302DL	VX047424.D	19 Aug 2025 19:25		JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX047425.D	19 Aug 2025 19:47		JC/MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q2841	OrderDate:	8/13/2025 8:15:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ 2025
Contact:	Mary I. Murphy	Location:	D31,VOA Lab,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2841-01	MW-06-6.5-08122025	Water	VOCMS Group3	8260-Low	08/12/25		08/19/25	08/12/25
Q2841-01DL	MW-06-6.5-08122025 DL	Water	VOCMS Group3	8260-Low	08/12/25		08/19/25	08/12/25



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
ADDRESS: 412 Mt Kambie Ave Suite 100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yufante John.Yufante@Jacobs.com
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTL
PROJECT NO.: D386821 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:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Rush (7day) RAT 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 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☒ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

Trace VOC's (SAMPLER)

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	F/E										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME			1	2	3	4	5	6	7	8	9	
1.	<u>ML-06-G-S-081225</u>	<u>GW</u>		<u>V</u>	<u>8/12/25</u>	<u>1530</u>	<u>3</u>	<u>✓</u>										
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>8/12/25 1700</u>	RECEIVED BY: <u>[Signature]</u> <u>8-12-25</u> <u>1700</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.0</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: <u>[Signature]</u>	Comments: <u>"F" preservative is Ascorbic Acid</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>8-12-25</u>	RECEIVED BY: <u>[Signature]</u>	Comments: <u>See work order for list of site specific VOC</u> <u>Dissolve TA</u>

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Utsav Patel

From: Yazmeen Gomez
Sent: Thursday, August 14, 2025 10:30 AM
To: Ynfante, John; Sohil Jodhani
Cc: Mohammad Ahmed
Subject: RE: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.
Attachments: quant2841.pdf; quant2842.pdf

John,

The lab informed me –

Q2841- 42 sample screened with 8260 method as they are usually highly contaminated samples for Trichloroethene

Q2841-01 (MW-06-6.5-08122025) at 200x

Q2842-07(MW-17B-55.5-081225-SIM) 200x

Sample can be analyzed with 8260 under low dilution

Sim analysis is not possible as it may contaminate instrument

Please see attached.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Wednesday, August 13, 2025 3:23 PM
To: Sohil Jodhani <Sohil.Jodhani@alliancetg.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Nimisha Pandya <Nimisha.Pandya@AllianceTG.com>
Subject: RE: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Thanks Sohil

From: Sohil Jodhani <Sohil.Jodhani@alliancetg.com>
Sent: Wednesday, August 13, 2025 1:23 PM
To: Ynfante, John <John.Ynfante@jacobs.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>;
 Nimisha Pandya <Nimisha.Pandya@AllianceTG.com>
Subject: RE: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.

Hi John,

Sample IDs are updated as per below request. Lab will notify you if in case VOC-SIM (for Vinyl chloride) is not required for the samples based on low level VOA analysis.

Thanks & Regards,



Sohil Jodhani (he/him/his)
 QA/QC Director
 Alliance Technical Group, LLC-Newark
 Main: 908-789-8900
 Direct: 908-728-3152
 Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com    

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Wednesday, August 13, 2025 2:10 PM
To: Ynfante, John <John.Ynfante@jacobs.com>; Data-EWR <Data-EWR@alliancetg.com>; Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Cc: Sohil Jodhani <Sohil.Jodhani@alliancetg.com>
Subject: Re: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.

Hi John,
 yaz is our of the office today , but i will coordinate with lab to make sure we communicate with you and run these analysis accordingly



Mohammad Ahmed
 Laboratory Director
 An Alliance Technical Group Company
 Main: 908-789-8900
 Direct: 908-728-3151
 Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Ynfante, John <John.Ynfante@jacobs.com>

Sent: Wednesday, August 13, 2025 2:01 PM

To: Data-EWR <Data-EWR@alliancetg.com>; Yazmeen Gomez <yazmeen.gomez@alliancetg.com>

Subject: RE: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Yazmeen,

A couple of comments on this Princeton login for Q2842:

1. I assume your SFAM-SIM method for VOCs can still only report vinyl chloride out of our project list of VOCs – if that is the case then note that sample Q2842-07 (MW-17B-55.5-081225-SIM) and any other SFAM-SIM samples only need to be analyzed if their corresponding 8260D-Low analysis shows the vinyl chloride to be non-detect and of course if the lab is able to analyze them by SIM. I know up to this point the lab has said the concentrations have been too high in the SIM samples to even run the SFAM-SIM on so let me know how it looks on those after your analysts run the regular VOCs run on them.
2. The date part of the sample IDs should have used a MMDDYY format, not MMDDYYYY as is listed on the chain. Please change the “2025” bit to just “25” on all these sample IDs. For example, “RMW-03B-90.4-08122025” should be changed to “RMW-03B-90.4-081225”, etc.

Thanks

- John Y.

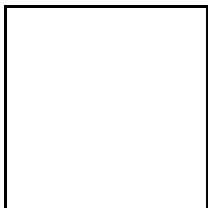
From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>

Sent: Wednesday, August 13, 2025 9:38 AM

To: Ongjoco, Alec <Alec.Ongjoco@jacobs.com>; Dillon, Alexa <Alexa.Dillon@jacobs.com>; Lader, Chelsea <Chelsea.Lader@jacobs.com>; Holmes, Daniel <Daniel.Holmes@jacobs.com>; Reamer, David <David.Reamer@jacobs.com>; Ynfante, John <John.Ynfante@jacobs.com>; Murphy, Mary <Mary.Murphy@jacobs.com>; Warren, Melissa <Melissa.Warren@jacobs.com>; Asher, Sarah <Sarah.Asher@jacobs.com>

Cc: yazmeen.gomez@alliancetg.com

Subject: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2842.



To John Ynfante;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID : Q2842
Project ID : Former Schlumberger STC PTC Site D3868221
Download File : <https://chemtech.net/secureLogin.aspx>
Order Date : 8/13/2025 8:34:00 AM

Alliance's Project Manager : YAZMEEN GOMEZ , yazmeen.gomez@alliancetg.com , 908-728-3147
Alliance's Sales Executive : Jordan Hedvat , jordan.hedvat@alliancetg.com , 908-728-3144

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey <http://chemtech.net/ClientSurvey.aspx>.

Thank you,

Alliance Technical Group LLC.

Notice: The information transmitted in this e-mail message and in any attachments is intended Solely for the attention of the named addressee(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this transmission in error, please notify us immediately by return e-mail, and permanently delete this transmission, including attachments if any, from any computer.

■

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2841	JACO05	Order Date : 8/13/2025 8:15:00 AM	Project Mgr : Level 3/NJDKQP
Client Name : JACOBS Engineering Grou		Project Name : Former Schlumberger Site I	Report Type : Level 4
Client Contact : Mary I. Murphy		Receive DateTime : 8/12/2025 6:22:00 PM	EDD Type : CH2MHILL
Invoice Name : JACOBS Engineering Grou		Purchase Order :	Hard Copy Date :
Invoice Contact : Mary I. Murphy			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2841-01	MW-06-6.5-08122025	Water	08/12/2025	15:30	VOC-SIM VOCMS Group3		SFAM_VOCSIM 8260-Low		5 Bus. Days

Relinquished By :

Date / Time :

[Signature]
8-13-25 0915

Received By :

Date / Time :

[Signature]
08/13/25 09:15 2844

Storage Area : VOA Refridgerator Room