

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : First Environment, Inc.
 Project Location : N.Y. Project Number : WPHA006
 Laboratory Sample ID(s) : Q2553 Sampling Date(s) : 7/09/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,8270E,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 : Q2553

Project ID : White Plains Housing Authority - WPHAU006

Client : First Environment, Inc.

Lab Sample Number

Q2553-01
Q2553-02
Q2553-03
Q2553-04
Q2553-05
Q2553-06

Client Sample Number

AOC-201
AOC-202
AOC-203
AOC-205
FB
TB

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: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

First Environment, Inc.

Project Name: White Plains Housing Authority - WPHA006

Project # N/A

Order ID # Q2553

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

6 Water samples were received on 07/09/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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 VOC-TCLVOA-10 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 for {VX0714WBS01} with File ID: VX046968.D met requirements for all compounds except for Methyl Acetate[150%] this compound did not meet the NJDKQP criteria and in-house criteria, is failing high but no positive hit in associate sample therefore no corrective action taken..

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

The Initial Calibration met the requirements.

The Continuous Calibration File ID VX046933.D met the requirements except for 2-Hexanone and Methyl Acetate are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX046961.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Methyl Acetate and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken.



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The Tuning criteria met requirements.

E. Additional Comments:

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

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 #: Q2553

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: 07/17/2025

LAB CHRONICLE

OrderID:	Q2553	OrderDate:	7/9/2025 4:20:00 PM
Client:	First Environment, Inc.	Project:	White Plains Housing Authority - WPHA006
Contact:	Ken Cwieka	Location:	A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2553-01	AOC-201	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-02	AOC-202	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-03	AOC-203	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-04	AOC-205	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-05	FB	Water	VOC-TCLVOA-10	8260D	07/09/25		07/14/25	07/09/25
Q2553-06	TB	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25

Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	AOC-201							
Q2553-01	AOC-201	Water	Acetone	8.10	J	1.50	25.0	ug/L
Q2553-01	AOC-201	Water	Carbon Disulfide	0.94	J	0.21	5.00	ug/L
Q2553-01	AOC-201	Water	Cyclohexane	19.5		1.50	5.00	ug/L
Q2553-01	AOC-201	Water	Methylcyclohexane	48.2		0.16	5.00	ug/L
Q2553-01	AOC-201	Water	Ethyl Benzene	33.4		0.13	5.00	ug/L
Q2553-01	AOC-201	Water	m/p-Xylenes	1.20	J	0.24	10.0	ug/L
Q2553-01	AOC-201	Water	o-Xylene	0.34	J	0.12	5.00	ug/L
Q2553-01	AOC-201	Water	Isopropylbenzene	82.8		0.12	5.00	ug/L
			Total Voc :		194			
Q2553-01	AOC-201	Water	Benzene, 1,2,4,5-tetramethyl-	* 160	J	0	0	ug/L
Q2553-01	AOC-201	Water	Pentane, 2-methyl-	* 92.1	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 2-propenyl-	* 190	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1,2,3,4-tetramethyl-	* 200	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1,2,3-trimethyl-	* 170	J	0	0	ug/L
Q2553-01	AOC-201	Water	Pentane, 2,3-dimethyl-	* 86.1	J	0	0	ug/L
Q2553-01	AOC-201	Water	Hexane, 3-methyl-	* 91.5	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethyl-2-methyl-	* 150	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethyl-4-methyl-	* 120	J	0	0	ug/L
Q2553-01	AOC-201	Water	Indan, 1-methyl-	* 190	J	0	0	ug/L
Q2553-01	AOC-201	Water	1H-Indene, 2,3-dihydro-4-meth	* 340	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 280	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 2-ethyl-1,4-dimethyl-	* 140	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethenyl-4-ethyl-	* 150	J	0	0	ug/L
Q2553-01	AOC-201	Water	n-propylbenzene	* 280	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	1,3,5-Trimethylbenzene	* 46.3	J	0.15	5.00	ug/L
Q2553-01	AOC-201	Water	1,2,4-Trimethylbenzene	* 680	J	0.14	5.00	ug/L
Q2553-01	AOC-201	Water	sec-Butylbenzene	* 25.0	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	p-Isopropyltoluene	* 7.80	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	n-Butylbenzene	* 34.4	J	0.15	5.00	ug/L
			Total Tics :		3430			
			Total Concentration:		3630			
Client ID:	AOC-202							
Q2553-02	AOC-202	Water	Carbon Disulfide	0.39	J	0.21	5.00	ug/L
Q2553-02	AOC-202	Water	Isopropylbenzene	3.20	J	0.12	5.00	ug/L
			Total Voc :		3.59			
Q2553-02	AOC-202	Water	Butane, 2,2-dimethyl-	* 7.10	J	0	0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2553-02	AOC-202	Water	Butane, 2-methyl-	* 13.1	J	0	0	ug/L
Q2553-02	AOC-202	Water	Butane, 2,3-dimethyl-	* 23.3	J	0	0	ug/L
Q2553-02	AOC-202	Water	Pentane, 3-methyl-	* 15.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1,4-diethyl-	* 15.4	J	0	0	ug/L
Q2553-02	AOC-202	Water	Cyclopentene, 1,2,3-trimethyl-	* 7.80	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1,2,3,5-tetramethyl-	* 18.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	Cyclopentane, 1,1-dimethyl-	* 5.90	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1-ethenyl-3-ethyl-	* 10.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	2,2-Dimethylindene, 2,3-dihydri	* 7.40	J	0	0	ug/L
Q2553-02	AOC-202	Water	n-propylbenzene	* 4.20	J	0.13	5.00	ug/L
Q2553-02	AOC-202	Water	tert-Butylbenzene	* 0.38	J	0.14	5.00	ug/L
Q2553-02	AOC-202	Water	1,2,4-Trimethylbenzene	* 1.10	J	0.14	5.00	ug/L
Q2553-02	AOC-202	Water	sec-Butylbenzene	* 2.10	J	0.13	5.00	ug/L
Q2553-02	AOC-202	Water	n-Butylbenzene	* 0.63	J	0.15	5.00	ug/L
Total Tics :				134				
Total Concentration:				137				
Client ID:	AOC-203							
Q2553-03	AOC-203	Water	Cyclohexane	55.7		1.50	5.00	ug/L
Q2553-03	AOC-203	Water	Methylcyclohexane	57.8		0.16	5.00	ug/L
Q2553-03	AOC-203	Water	Benzene	3.30	J	0.15	5.00	ug/L
Q2553-03	AOC-203	Water	Toluene	0.40	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	Ethyl Benzene	140		0.13	5.00	ug/L
Q2553-03	AOC-203	Water	m/p-Xylenes	6.50	J	0.24	10.0	ug/L
Q2553-03	AOC-203	Water	Isopropylbenzene	100		0.12	5.00	ug/L
Total Voc :				364				
Q2553-03	AOC-203	Water	Pentane, 3-methyl-	* 64.3	J	0	0	ug/L
Q2553-03	AOC-203	Water	Cyclopentane, methyl-	* 94.3	J	0	0	ug/L
Q2553-03	AOC-203	Water	Pentane, 2-methyl-	* 87.8	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1,2,3,4-tetramethyl-	* 130	J	0	0	ug/L
Q2553-03	AOC-203	Water	Indane	* 370	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1,2,3-trimethyl-	* 260	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1-ethyl-2-methyl-	* 86.6	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1-ethyl-4-methyl-	* 95.7	J	0	0	ug/L
Q2553-03	AOC-203	Water	Indan, 1-methyl-	* 130	J	0	0	ug/L
Q2553-03	AOC-203	Water	1H-Indene, 2,3-dihydro-4-meth	* 90.6	J	0	0	ug/L
Q2553-03	AOC-203	Water	1H-Indene, 2,3-dihydro-5-meth	* 220	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 190	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2553-03	AOC-203	Water	n-propylbenzene	* 250	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	1,3,5-Trimethylbenzene	* 100	J	0.15	5.00	ug/L
Q2553-03	AOC-203	Water	tert-Butylbenzene	* 1.00	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	1,2,4-Trimethylbenzene	* 160	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	sec-Butylbenzene	* 17.6	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	p-Isopropyltoluene	* 2.90	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	n-Butylbenzene	* 25.4	J	0.15	5.00	ug/L
			Total Tics :	2380				
			Total Concentration:	2740				
Client ID:	AOC-205							
Q2553-04	AOC-205	Water	Carbon Disulfide	0.44	J	0.21	5.00	ug/L
			Total Voc :	0.44				
Q2553-04	AOC-205	Water	n-propylbenzene	* 0.58	J	0.13	5.00	ug/L
Q2553-04	AOC-205	Water	n-Butylbenzene	* 0.24	J	0.15	5.00	ug/L
			Total Tics :	0.82				
			Total Concentration:	1.26				
Client ID:	FB							
Q2553-05	FB	Water	Acetone	2.20	J	1.50	25.0	ug/L
Q2553-05	FB	Water	Carbon Disulfide	0.89	J	0.21	5.00	ug/L
Q2553-05	FB	Water	Methylene Chloride	0.55	J	0.28	5.00	ug/L
			Total Voc :	3.64				
			Total Concentration:	3.64				



QC SUMMARY

Surrogate Summary

SDG No.: **Q2553**

Client: **First Environment, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2553-01	AOC-201	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.8	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105		70 (77)	130 (121)
Q2553-02	AOC-202	1,2-Dichloroethane-d4	50	50.4	101		70 (74)	130 (125)
		Dibromofluoromethane	50	46.9	94		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105		70 (77)	130 (121)
Q2553-03	AOC-203	1,2-Dichloroethane-d4	50	49.8	100		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)
		Toluene-d8	50	49.9	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101		70 (77)	130 (121)
Q2553-04	AOC-205	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	49.8	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.9	104		70 (77)	130 (121)
Q2553-05	FB	1,2-Dichloroethane-d4	50	52.6	105		70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97		70 (75)	130 (124)
		Toluene-d8	50	47.9	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104		70 (77)	130 (121)
Q2553-06	TB	1,2-Dichloroethane-d4	50	54.6	109		70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98		70 (75)	130 (124)
		Toluene-d8	50	50.2	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103		70 (77)	130 (121)
VX0714WBL01	VX0714WBL01	1,2-Dichloroethane-d4	50	54.0	108		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	48.7	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104		70 (77)	130 (121)
VX0714WBS01	VX0714WBS01	1,2-Dichloroethane-d4	50	55.5	111		70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107		70 (75)	130 (124)
		Toluene-d8	50	52.6	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.0	110		70 (77)	130 (121)

Surrogate Summary

SDG No.: Q2553

Client: First Environment, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX0710WBL01	VX0710WBL01	1,2-Dichloroethane-d4	50	56.6	113		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)
		Toluene-d8	50	50.8	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103		70 (77)	130 (121)
VX0710WBS01	VX0710WBS01	1,2-Dichloroethane-d4	50	51.9	104		70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102		70 (75)	130 (124)
		Toluene-d8	50	49.9	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105		70 (77)	130 (121)
VX0710WBSD0	VX0710WBSD01	1,2-Dichloroethane-d4	50	52.1	104		70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105		70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q2553	Analytical Method:	SW8260-Low
Client:	First Environment, Inc.	Datafile :	VX046936.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBS01	Dichlorodifluoromethane	20	18.6	ug/L	93			40 (69)	160 (116)	
	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.3	ug/L	92			70 (65)	130 (117)	
	Bromomethane	20	19.2	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.4	ug/L	97			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.2	ug/L	91			70 (74)	130 (110)	
	Acetone	100	96.3	ug/L	96			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.0	ug/L	100			70 (78)	130 (114)	
	Methyl Acetate	20	23.0	ug/L	115			70 (67)	130 (125)	
	Methylene Chloride	20	20.6	ug/L	103			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.9	ug/L	100			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	21.7	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	19.7	ug/L	99			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			70 (80)	130 (108)	
	Methylcyclohexane	20	17.8	ug/L	89			70 (72)	130 (115)	
	Benzene	20	19.1	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.0	ug/L	100			70 (80)	130 (115)	
	Trichloroethene	20	18.3	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.5	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.4	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.1	ug/L	96			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.9	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.2	ug/L	101			70 (81)	130 (110)	
	Tetrachloroethene	20	18.4	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	Ethyl Benzene	20	19.3	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	38.5	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	19.1	ug/L	96			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.4	ug/L	97			70 (79)	130 (109)	
	Isopropylbenzene	20	18.9	ug/L	95			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBS01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBSD01	Dichlorodifluoromethane	20	17.6	ug/L	88	6		40 (69)	160 (116)	20 (19)
	Chloromethane	20	17.9	ug/L	90	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	17.5	ug/L	88	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.1	ug/L	96	0		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.7	ug/L	89	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.8	ug/L	94	3		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	18.0	ug/L	90	1		70 (74)	130 (110)	20 (20)
	Acetone	100	98.0	ug/L	98	2		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.3	ug/L	81	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.1	ug/L	106	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	24.3	ug/L	121	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.6	ug/L	103	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.5	ug/L	93	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.5	ug/L	98	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.9	ug/L	95	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	0		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.3	ug/L	97	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.4	ug/L	107	2		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.0	ug/L	100	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.5	ug/L	98	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.2	ug/L	91	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.5	ug/L	98	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.7	ug/L	104	4		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.7	ug/L	94	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.3	ug/L	102	4		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.4	ug/L	102	5		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	120	ug/L	120	9		40 (74)	160 (118)	20 (25)
	Toluene	20	19.9	ug/L	100	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.0	ug/L	100	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/L	99	2		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.2	ug/L	106	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.7	ug/L	104	4		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.8	ug/L	104	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.5	ug/L	93	1		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.6	ug/L	98	2		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.5	ug/L	98	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.1	ug/L	98	2		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.2	ug/L	96	0		70 (83)	130 (109)	20 (20)
	Styrene	20	20.1	ug/L	101	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	20.1	ug/L	101	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.4	ug/L	97	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103	5		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.8	ug/L	99	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.5	ug/L	98	4		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBSD01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.2	ug/L	96	8		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98	4		70 (76)	130 (114)	20 (29)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046968.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0714WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			40 (69)	160 (116)	
	Chloromethane	20	15.6	ug/L	78			40 (65)	160 (116)	
	Vinyl chloride	20	17.4	ug/L	87			70 (65)	130 (117)	
	Bromomethane	20	17.8	ug/L	89			40 (58)	160 (125)	
	Chloroethane	20	18.3	ug/L	92			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.1	ug/L	91			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	17.1	ug/L	86			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	14.3	ug/L	72			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	22.8	ug/L	114			70 (78)	130 (114)	
	Methyl Acetate	20	30.0	ug/L	150		*	70 (67)	130 (125)	
	Methylene Chloride	20	19.4	ug/L	97			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	140	ug/L	140			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.8	ug/L	94			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	20.9	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.8	ug/L	99			70 (83)	130 (111)	
	Bromodichloromethane	20	19.2	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	140	ug/L	140			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.7	ug/L	99			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.5	ug/L	108			70 (83)	130 (112)	
	2-Hexanone	100	140	ug/L	140			40 (73)	160 (117)	
	Dibromochloromethane	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.7	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	18.4	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	Ethyl Benzene	20	19.5	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	39.9	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.4	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.1	ug/L	101			70 (79)	130 (109)	
	Isopropylbenzene	20	19.7	ug/L	99			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	22.6	ug/L	113			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046968.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0714WBS01	1,2-Dibromo-3-Chloropropane	20	24.8	ug/L	124			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.0	ug/L	100			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0710WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046935.D

Lab Sample ID: VX0710WBL01

Date Analyzed: 07/10/2025

Time Analyzed: 11:44

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0710WBS01	VX0710WBS01	VX046936.D	07/10/2025
VX0710WBSD01	VX0710WBSD01	VX046937.D	07/10/2025
TB	Q2553-06	VX046939.D	07/10/2025
AOC-201	Q2553-01	VX046943.D	07/10/2025
AOC-202	Q2553-02	VX046944.D	07/10/2025
AOC-203	Q2553-03	VX046945.D	07/10/2025
AOC-205	Q2553-04	VX046946.D	07/10/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0714WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046963.D

Lab Sample ID: VX0714WBL01

Date Analyzed: 07/14/2025

Time Analyzed: 11:18

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
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025
FB	Q2553-05	VX046984.D	07/14/2025

COMMENTS: _____



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046859.D

BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X

BFB Injection Time: 11:12

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX046860.D	07/02/2025	12:11
VSTDIC005	VSTDIC005	VX046861.D	07/02/2025	12:37
VSTDIC020	VSTDIC020	VX046862.D	07/02/2025	13:18
VSTDIC050	VSTDIC050	VX046863.D	07/02/2025	13:39
VSTDIC100	VSTDIC100	VX046864.D	07/02/2025	14:10
VSTDIC150	VSTDIC150	VX046865.D	07/02/2025	14:31



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046932.D

BFB Injection Date: 07/10/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:43

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	19.2
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	71.9 (95.2) 1
177	5.0 - 9.0% of mass 176	5.1 (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	VX046933.D	07/10/2025	09:54
VX0710WBL01	VX0710WBL01	VX046935.D	07/10/2025	11:44
VX0710WBS01	VX0710WBS01	VX046936.D	07/10/2025	12:10
VX0710WBSD01	VX0710WBSD01	VX046937.D	07/10/2025	12:35
TB	Q2553-06	VX046939.D	07/10/2025	13:18
AOC-201	Q2553-01	VX046943.D	07/10/2025	14:43
AOC-202	Q2553-02	VX046944.D	07/10/2025	15:04
AOC-203	Q2553-03	VX046945.D	07/10/2025	15:26
AOC-205	Q2553-04	VX046946.D	07/10/2025	15:47



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046960.D

BFB Injection Date: 07/14/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:10

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	75.2
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	73.8 (98.2) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046961.D	07/14/2025	09:16
VX0714WBL01	VX0714WBL01	VX046963.D	07/14/2025	11:18
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025	13:10
FB	Q2553-05	VX046984.D	07/14/2025	18:56

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:54
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	309661	5.56	506196	6.76	449744	10.05
UPPER LIMIT	619322	6.056	1012390	7.263	899488	10.549
LOWER LIMIT	154831	5.056	253098	6.263	224872	9.549
EPA SAMPLE NO.						
AOC-201	320576	5.56	555832	6.77	518959	10.06
AOC-202	457019	5.57	802756	6.77	753351	10.06
AOC-203	394931	5.56	673452	6.77	623779	10.06
AOC-205	431287	5.56	760941	6.77	704204	10.06
TB	354436	5.56	642674	6.77	599480	10.06
VX0710WBL01	311309	5.56	568946	6.76	543608	10.06
VX0710WBS01	342120	5.56	567066	6.76	521192	10.06
VX0710WBSD01	319533	5.56	525170	6.76	482068	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: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:54
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	231018	12.018				
UPPER LIMIT	462036	12.518				
LOWER LIMIT	115509	11.518				
EPA SAMPLE NO.						
AOC-201	227982	12.02				
AOC-202	386856	12.02				
AOC-203	297586	12.02				
AOC-205	362481	12.02				
TB	308124	12.02				
VX0710WBL01	271904	12.02				
VX0710WBS01	270401	12.02				
VX0710WBSD01	249133	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046961.D Date Analyzed: 07/14/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:16
 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	302863	5.56	503750	6.76	451308	10.05
UPPER LIMIT	605726	6.056	1007500	7.263	902616	10.549
LOWER LIMIT	151432	5.056	251875	6.263	225654	9.549
EPA SAMPLE NO.						
FB	356948	5.57	602998	6.77	548783	10.06
VX0714WBL01	330854	5.56	558126	6.77	513014	10.06
VX0714WBS01	311322	5.57	518025	6.77	465228	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: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046961.D Date Analyzed: 07/14/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:16
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	220043	12.018				
UPPER LIMIT	440086	12.518				
LOWER LIMIT	110022	11.518				
EPA SAMPLE NO.						
FB	281291	12.02				
VX0714WBL01	263407	12.02				
VX0714WBS01	241384	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.



SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	8.10	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.94	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	19.5		1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	48.2		0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	33.4		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.20	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.34	J	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	82.8		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	321000	5.562			
540-36-3	1,4-Difluorobenzene	556000	6.769			
3114-55-4	Chlorobenzene-d5	519000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	228000	12.018			

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	92.1	J		2.84	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	86.1	J		5.63	ug/L
000589-34-4	Hexane, 3-methyl-	91.5	J		5.84	ug/L
103-65-1	n-propylbenzene	280	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	150	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.3	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	120	J		11.6	ug/L
95-63-6	1,2,4-Trimethylbenzene	680	J		11.8	ug/L
135-98-8	sec-Butylbenzene	25.0	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	7.80	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	170	J		12.1	ug/L
000300-57-2	Benzene, 2-propenyl-	190	J		12.2	ug/L
104-51-8	n-Butylbenzene	34.4	J		12.3	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	140	J		12.5	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	280	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	190	J		12.7	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	160	J		12.9	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	200	J		13.0	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	150	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	340	J		13.3	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046943.D
 Acq On : 10 Jul 2025 14:43
 Operator : JC/MD
 Sample : Q2553-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-201

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:30:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	320576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	555832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	217617	51.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.760%			
35) Dibromofluoromethane	5.397	113	185290	49.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.220%			
50) Toluene-d8	8.653	98	662636	49.777	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.560%			
62) 4-Bromofluorobenzene	11.079	95	264843	52.348	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.700%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	10705m	8.137	ug/l	
17) Carbon Disulfide	2.532	76	8591	0.942	ug/l #	93
31) Cyclohexane	5.501	56	117963	19.486	ug/l #	65
39) Methylcyclohexane	7.385	83	306674	48.160	ug/l	95
67) Ethyl Benzene	10.195	91	641493	33.385	ug/l	100
68) m/p-Xylenes	10.305	106	8724	1.205	ug/l #	1
69) o-Xylene	10.646	106	2362	0.338	ug/l	78
73) Isopropylbenzene	10.963	105	1326524	82.771	ug/l	100
78) n-propylbenzene	11.305	91	5453332	282.194	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	603526	46.346	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	8885482	675.065	ug/l	98
85) sec-Butylbenzene	11.890	105	423115	24.951	ug/l	95
86) p-Isopropyltoluene	12.006	119	110221	7.762	ug/l #	76
89) n-Butylbenzene	12.329	91	459428m	34.432	ug/l	

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

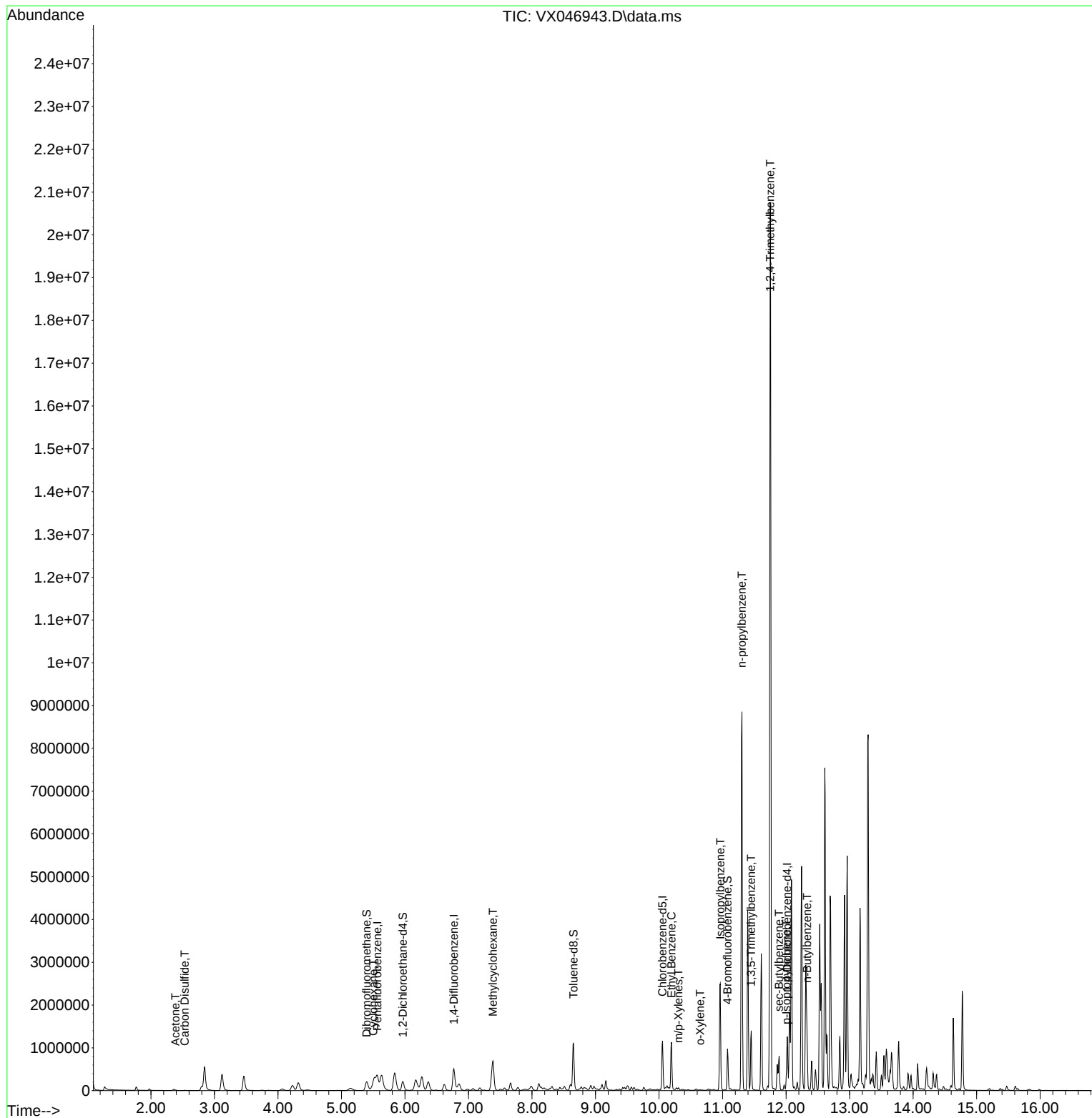
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Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

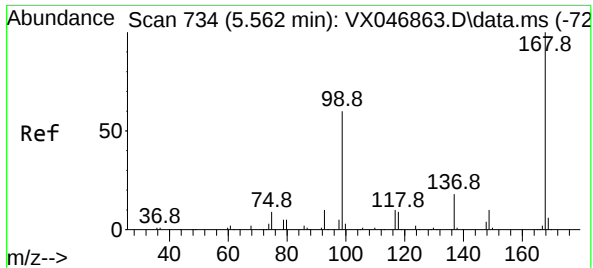
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025

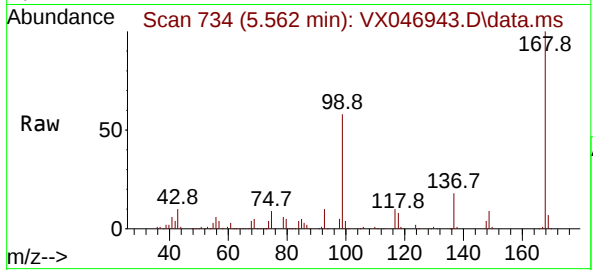
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

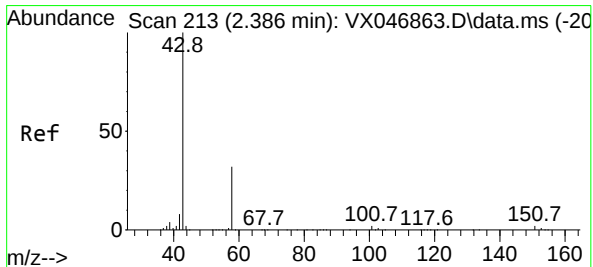
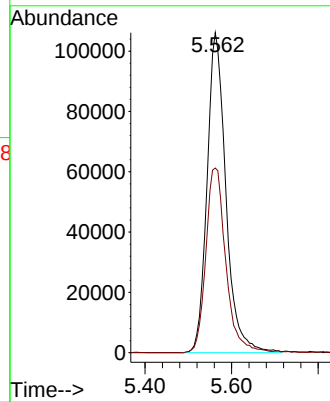
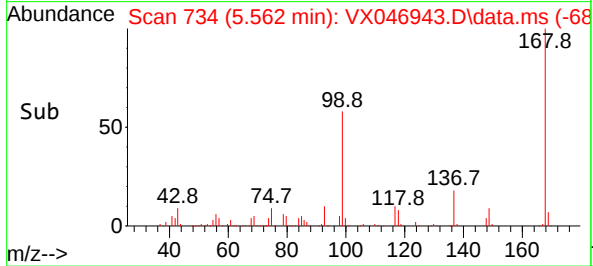
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



Tgt Ion: 168 Resp: 320570
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2

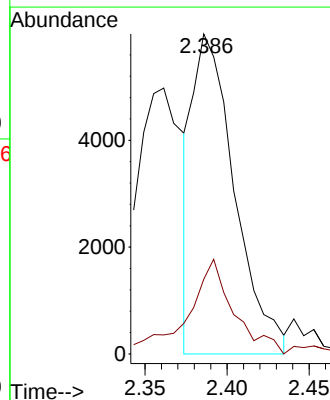
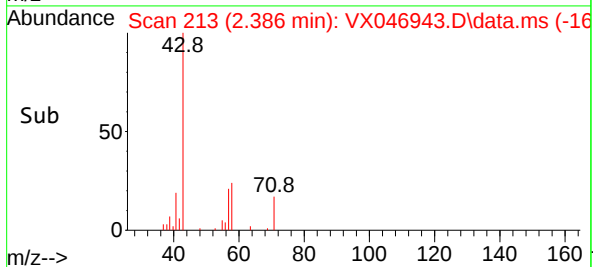
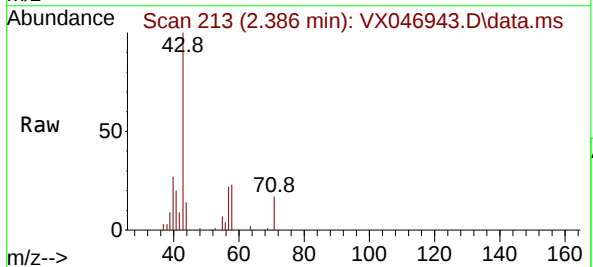
Manual Integrations
APPROVED

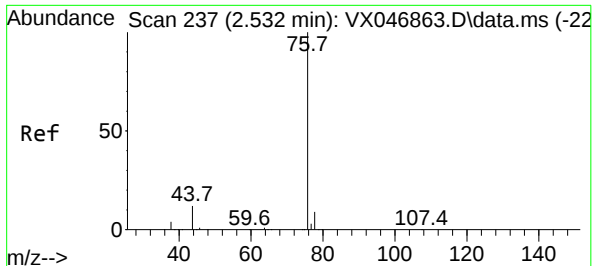
Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025



#16
Acetone
Concen: 8.137 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

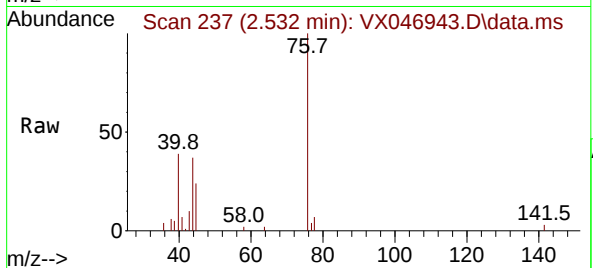
Tgt Ion: 43 Resp: 10705
Ion Ratio Lower Upper
43 100
58 23.3 25.8 38.6#





#17
Carbon Disulfide
Concen: 0.942 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

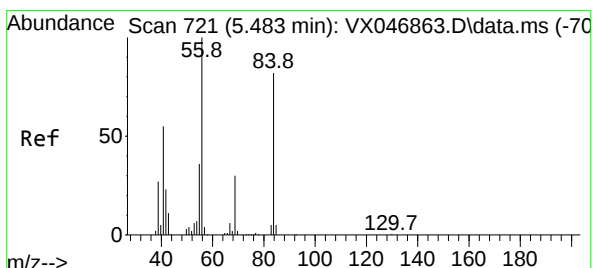
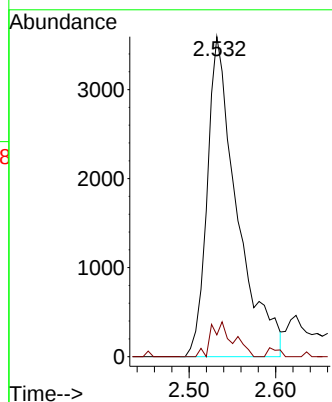
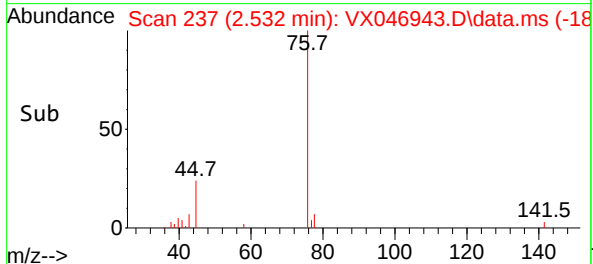
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



Tgt Ion: 76 Resp: 859
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.2

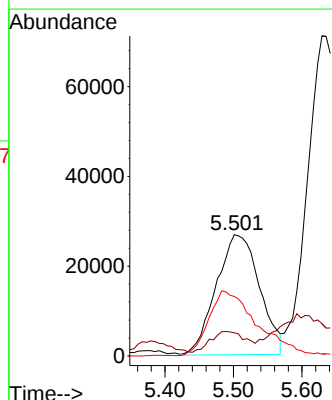
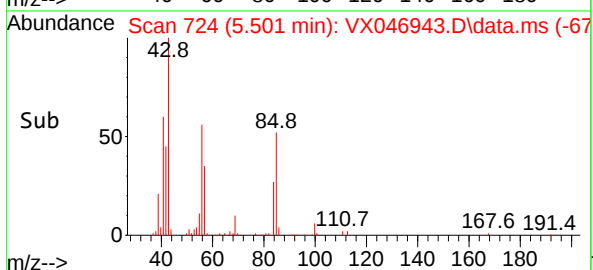
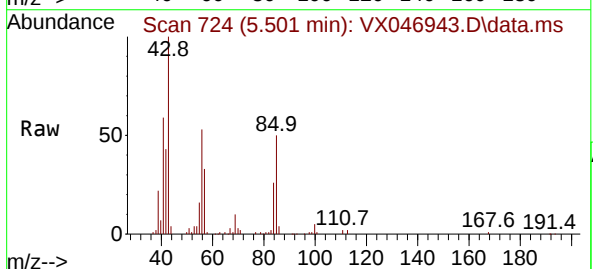
Manual Integrations
APPROVED

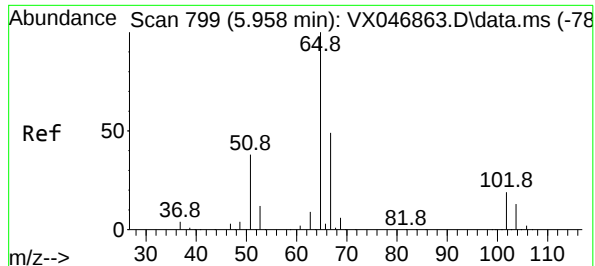
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#31
Cyclohexane
Concen: 19.486 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.018 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 56 Resp: 117963
Ion Ratio Lower Upper
56 100
69 14.2 24.0 36.0#
84 49.4 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 51.384 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

Tgt Ion: 65 Resp: 21761

Ion Ratio Lower Upper

65 100

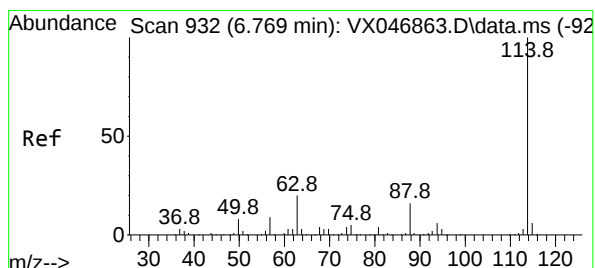
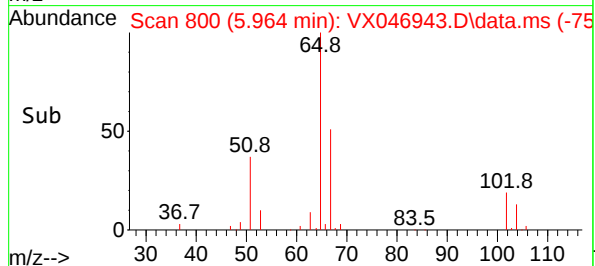
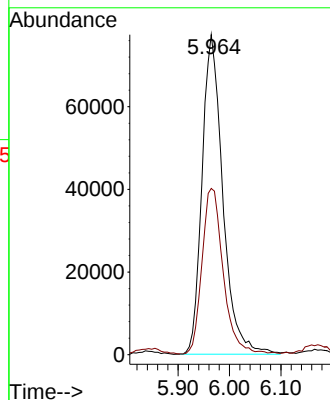
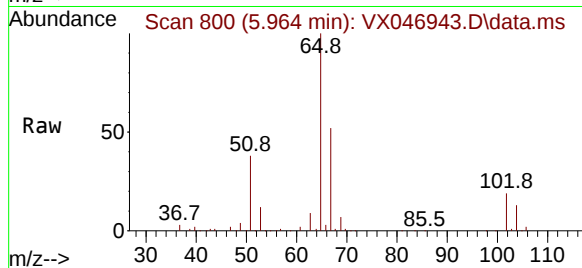
67 52.9 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

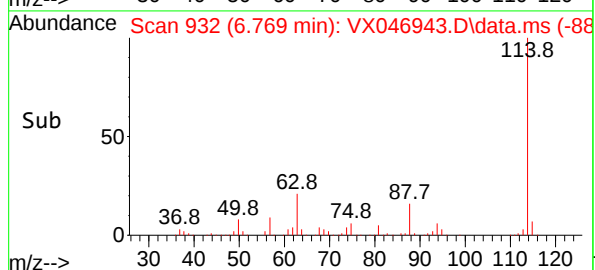
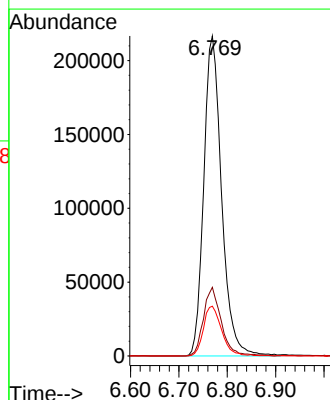
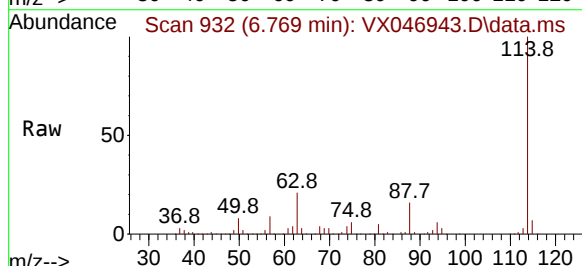
Tgt Ion:114 Resp: 555832

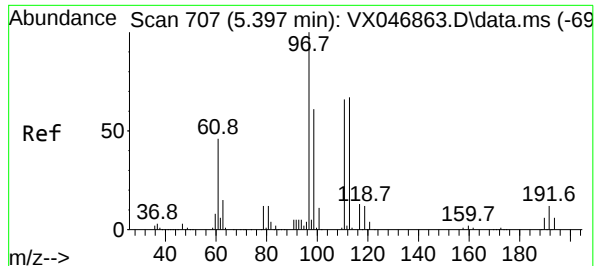
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.4

88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.109 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046943.D

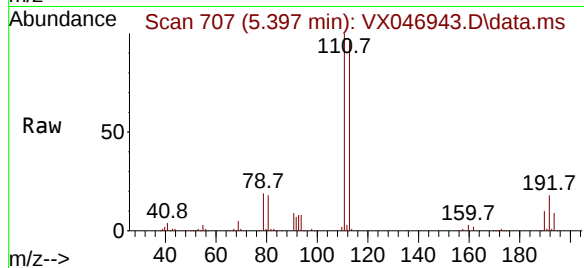
Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201



Tgt Ion:113 Resp: 185290

Ion Ratio Lower Upper

113 100

111 103.9 81.2 121.8

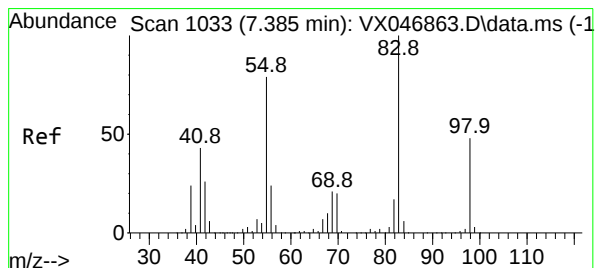
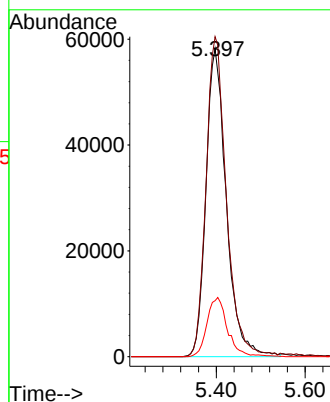
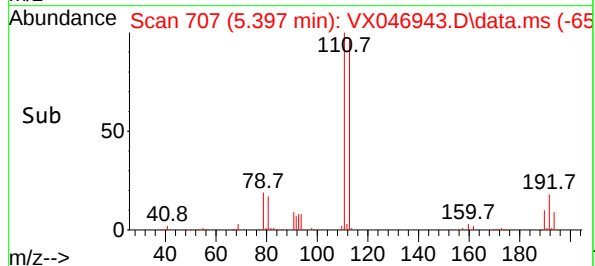
192 19.5 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#39

Methylcyclohexane

Concen: 48.160 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

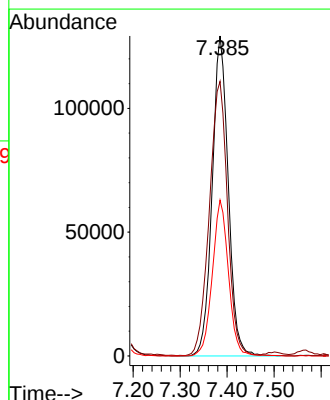
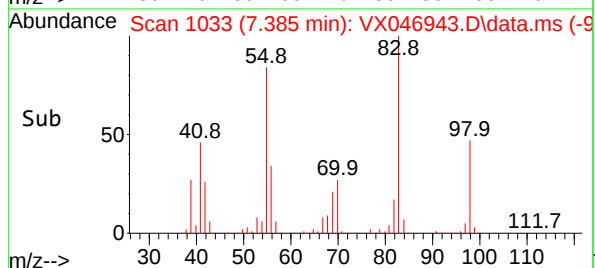
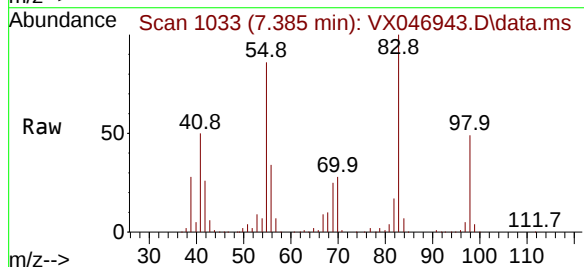
Tgt Ion: 83 Resp: 306674

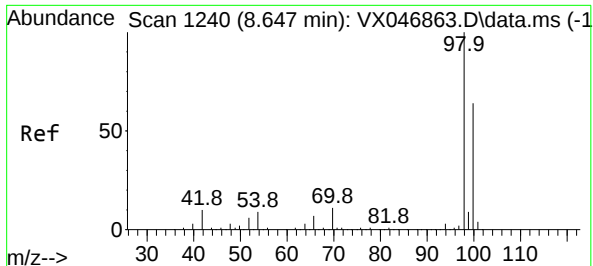
Ion Ratio Lower Upper

83 100

55 85.6 63.0 94.4

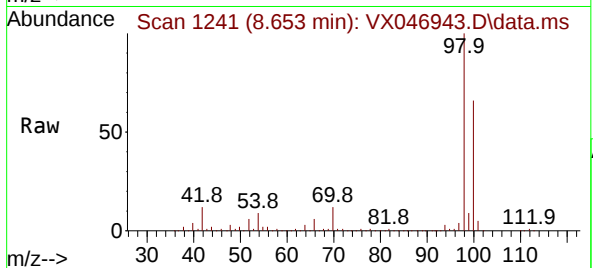
98 48.7 38.5 57.7





#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

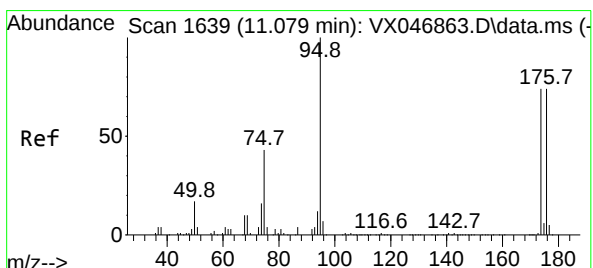
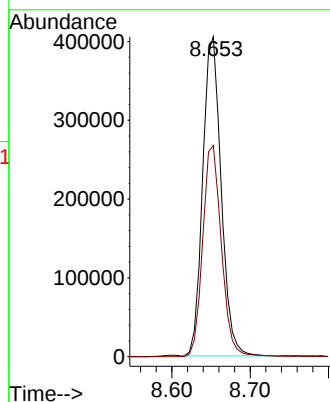
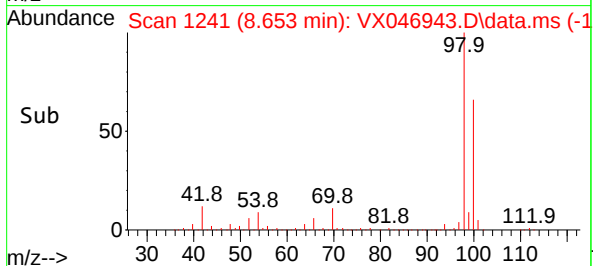
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



Tgt Ion: 98 Resp: 662630
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6

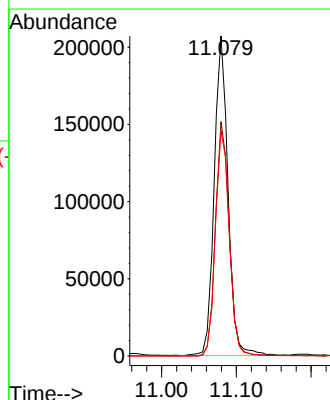
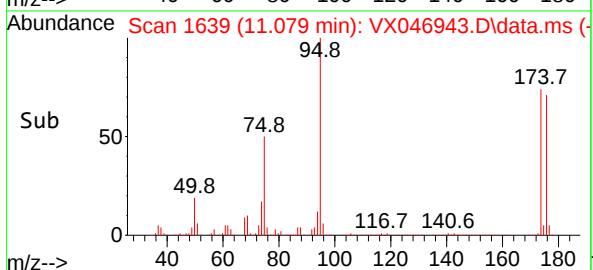
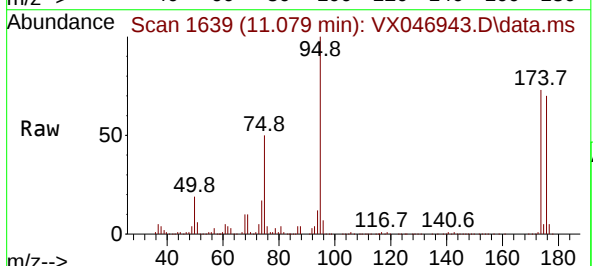
Manual Integrations
APPROVED

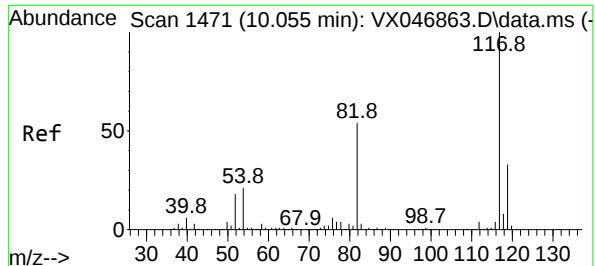
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#62
4-Bromofluorobenzene
Concen: 52.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 95 Resp: 264843
Ion Ratio Lower Upper
95 100
174 73.4 0.0 152.0
176 71.2 0.0 145.2





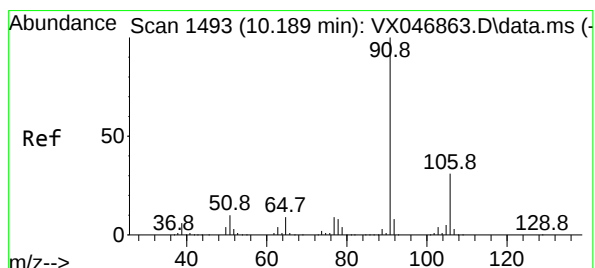
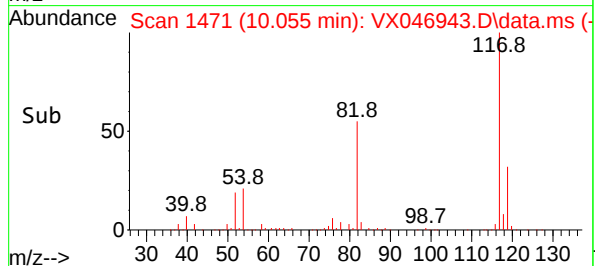
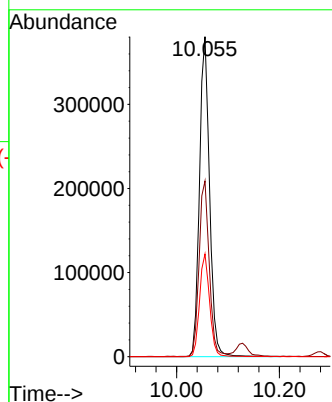
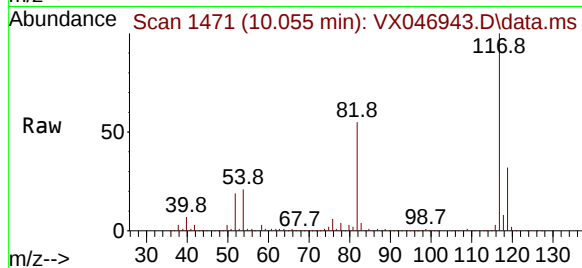
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Tgt Ion:117 Resp: 518959
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 32.1 26.4 39.6

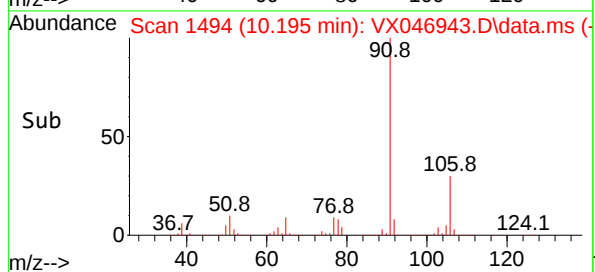
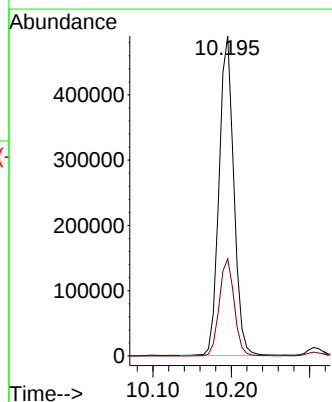
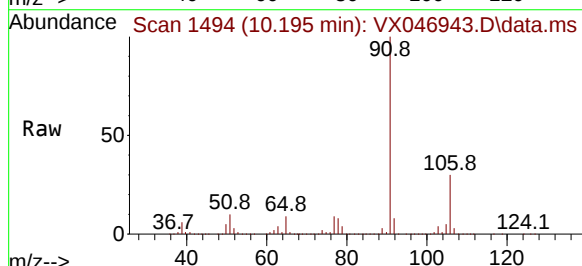
Manual Integrations
APPROVED

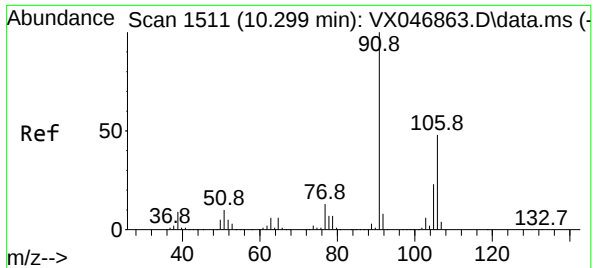
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#67
Ethyl Benzene
Concen: 33.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 641493
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





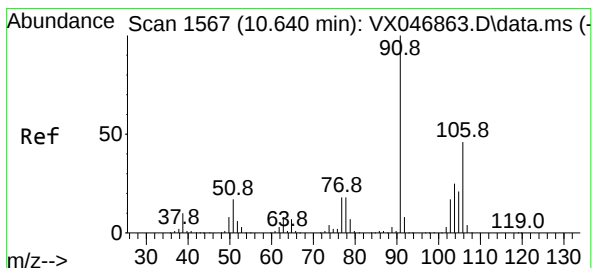
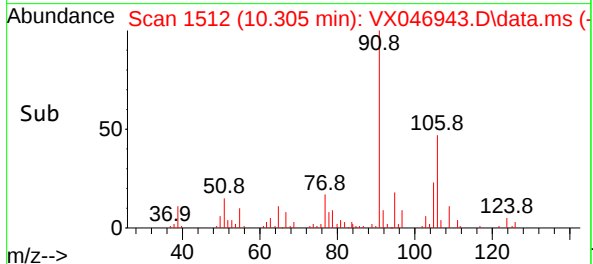
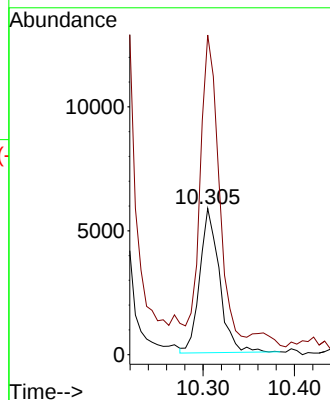
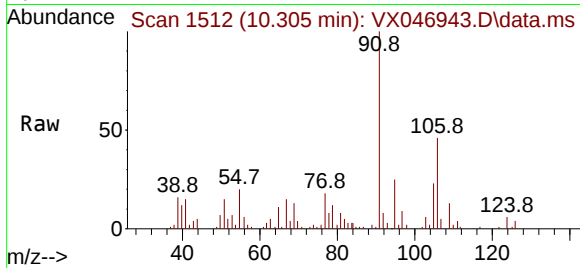
#68
m/p-Xylenes
Concen: 1.205 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Tgt Ion:106 Resp: 8724
Ion Ratio Lower Upper
106 100
91 0.0 164.6 246.8

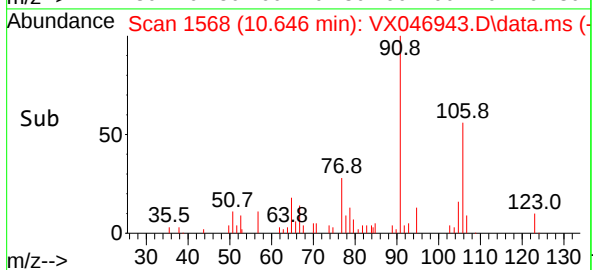
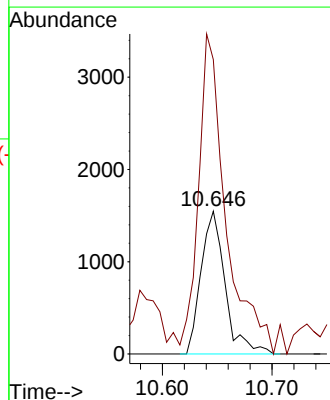
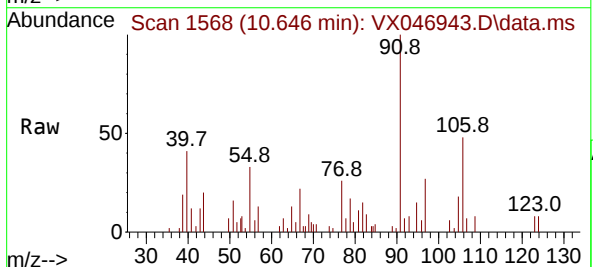
Manual Integrations
APPROVED

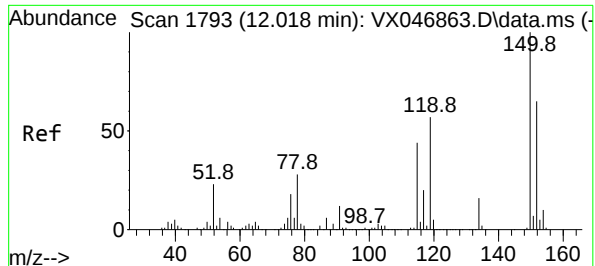
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#69
o-Xylene
Concen: 0.338 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

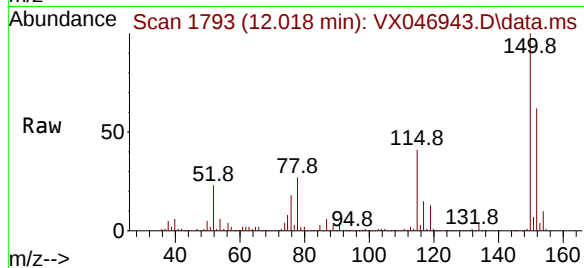
Tgt Ion:106 Resp: 2362
Ion Ratio Lower Upper
106 100
91 253.9 109.5 328.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

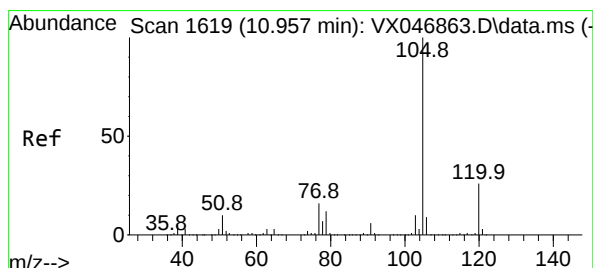
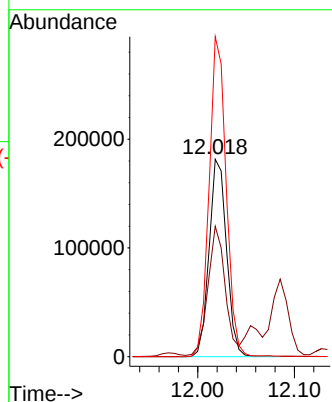
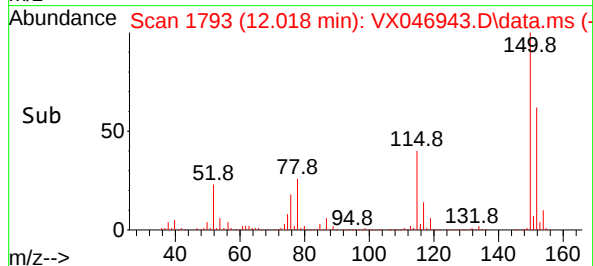
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



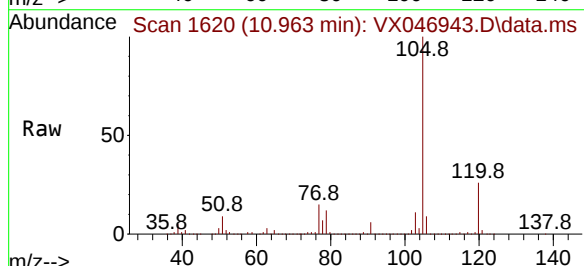
Tgt Ion:152 Resp: 22798
Ion Ratio Lower Upper
152 100
115 64.5 42.4 127.1
150 158.2 0.0 349.2

Manual Integrations
APPROVED

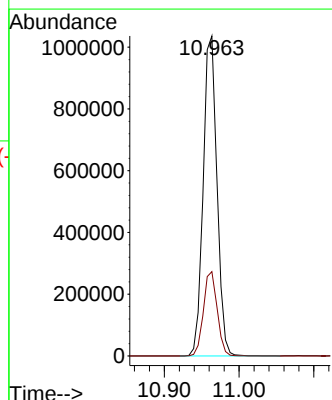
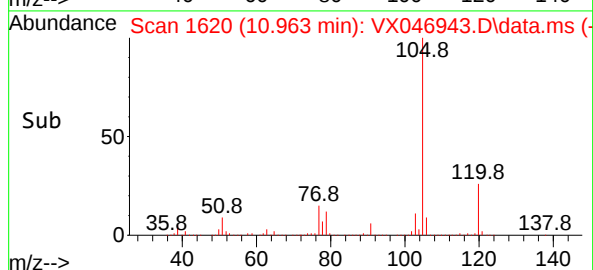
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

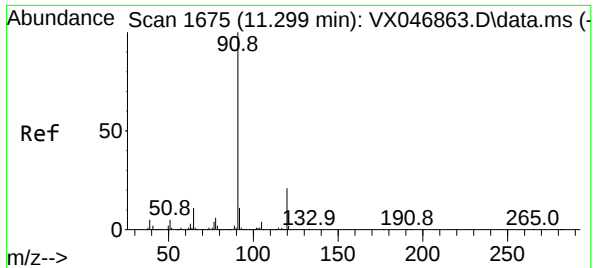


#73
Isopropylbenzene
Concen: 82.771 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43



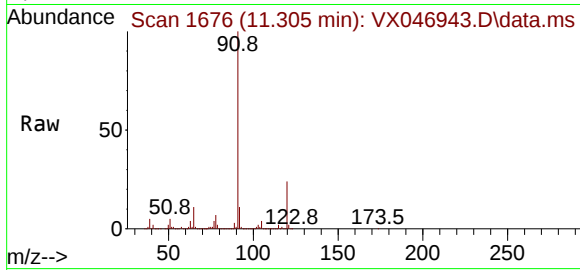
Tgt Ion:105 Resp: 1326524
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5





#78
n-propylbenzene
Concen: 282.194 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

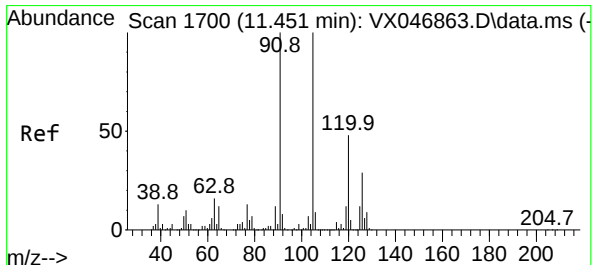
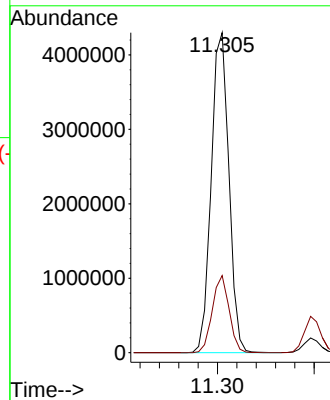
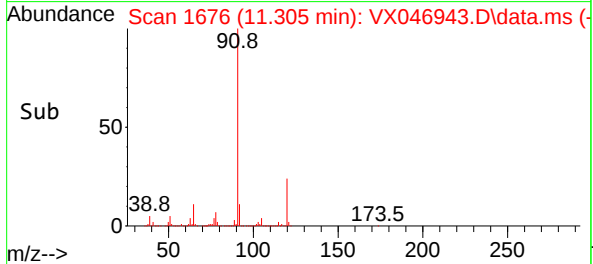
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



Tgt Ion: 91 Resp: 545333
Ion Ratio Lower Upper
91 100
120 22.9 11.2 33.5

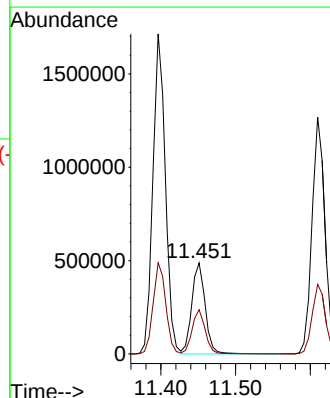
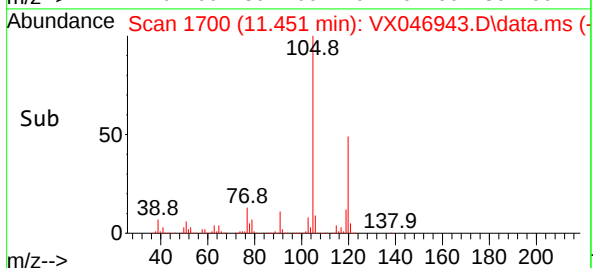
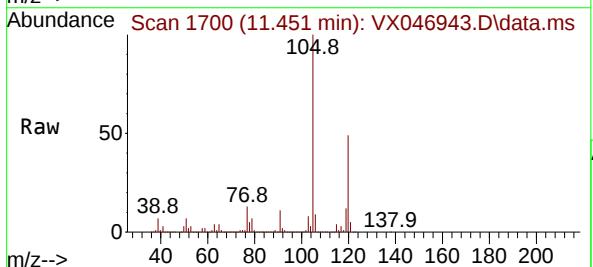
Manual Integrations
APPROVED

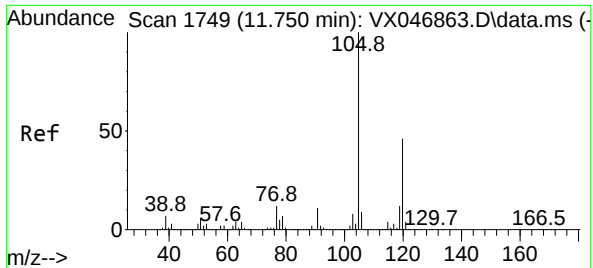
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.346 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

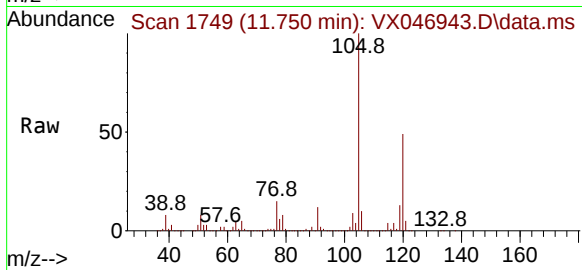
Tgt Ion:105 Resp: 603526
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.4





#84
1,2,4-Trimethylbenzene
Concen: 675.065 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

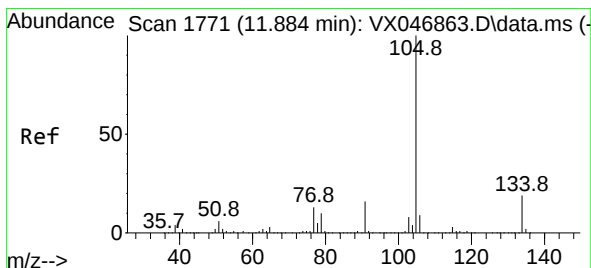
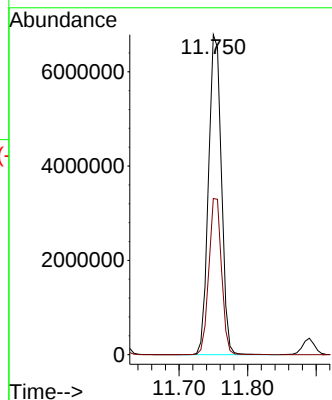
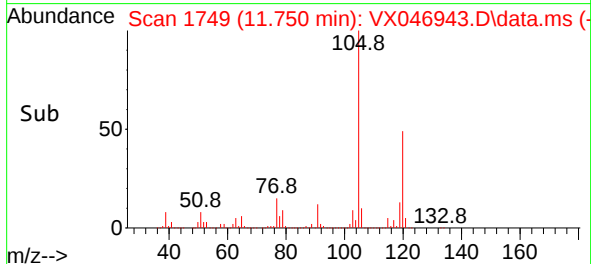
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



Tgt Ion:105 Resp: 888548
Ion Ratio Lower Upper
105 100
120 48.1 23.3 69.8

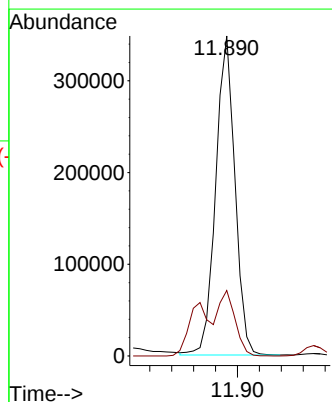
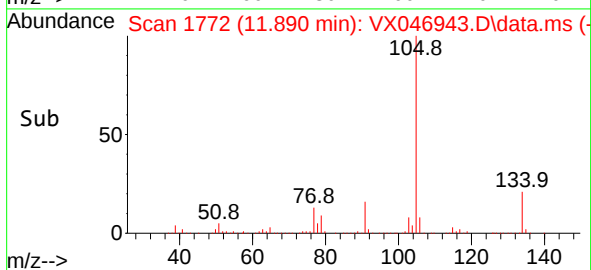
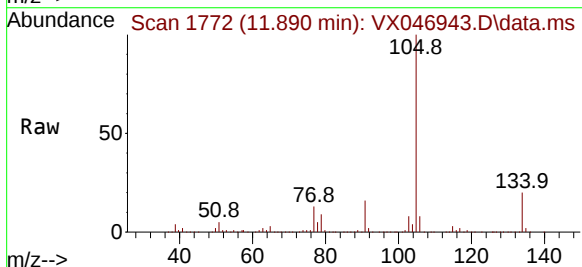
Manual Integrations
APPROVED

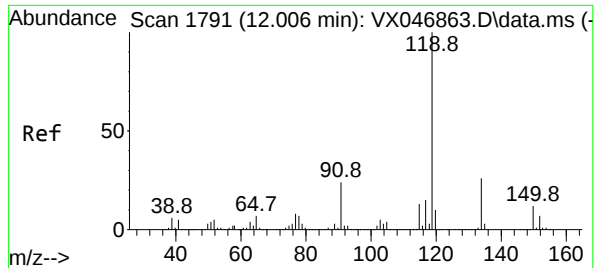
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#85
sec-Butylbenzene
Concen: 24.951 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

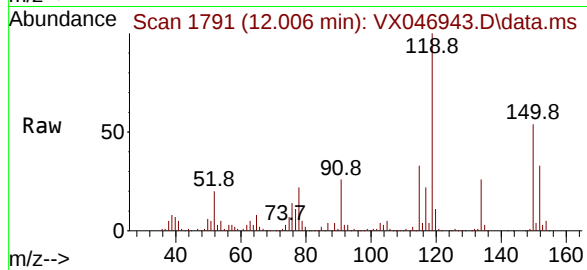
Tgt Ion:105 Resp: 423115
Ion Ratio Lower Upper
105 100
134 17.5 9.9 29.7





#86
p-Isopropyltoluene
Concen: 7.762 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

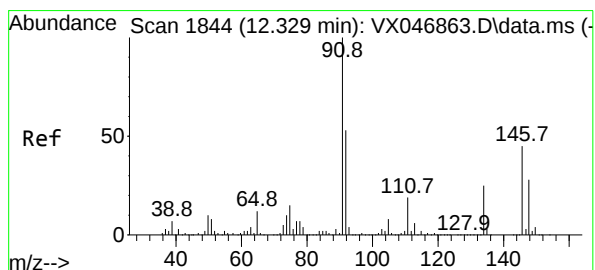
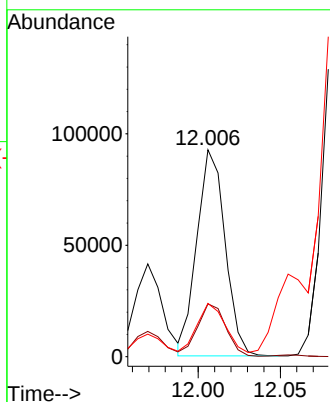
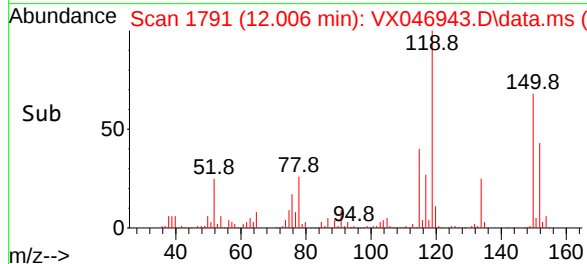
Instrument :
MSVOA_X
ClientSampleId :
AOC-201



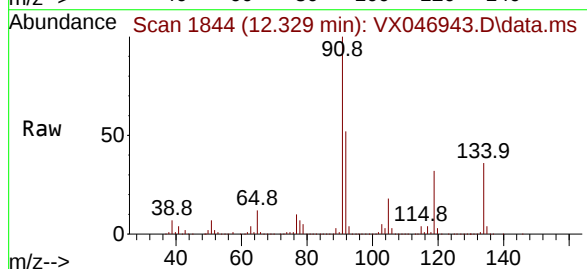
Tgt Ion: 119 Resp: 11022
Ion Ratio Lower Upper
119 100
134 25.5 13.0 39.0
91 0.0 12.0 36.1

Manual Integrations
APPROVED

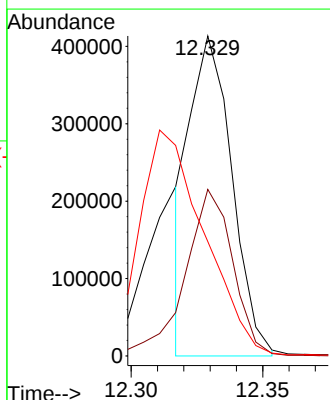
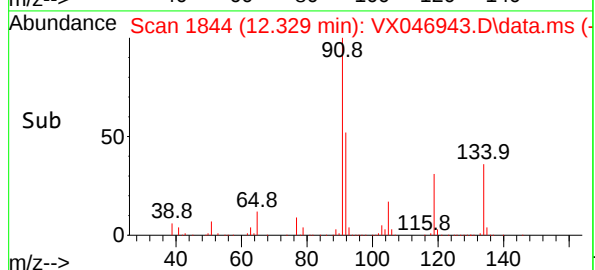
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#89
n-Butylbenzene
Concen: 34.432 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43



Tgt Ion: 91 Resp: 459428
Ion Ratio Lower Upper
91 100
92 59.7 27.0 81.0
134 107.7 12.8 38.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.843	282	288	319	rVB	544390	1322683	5.07%	0.784%
2	3.117	323	333	355	rBV	378812	962934	3.69%	0.571%
3	3.465	381	390	419	rBV	335789	858702	3.29%	0.509%
4	4.227	503	515	522	rBV2	114361	358704	1.37%	0.213%
5	4.318	522	530	546	rVB	178308	546056	2.09%	0.324%
6	5.397	694	707	715	rBV3	206031	660418	2.53%	0.391%
7	5.519	715	727	729	rBV5	268043	718283	2.75%	0.426%
8	5.629	740	745	767	rVB	354932	1236272	4.74%	0.733%
9	5.836	767	779	792	rBV2	407801	1313932	5.04%	0.779%
10	5.964	792	800	817	rVV2	210091	588086	2.25%	0.348%
11	6.172	819	834	842	rVV3	244565	855426	3.28%	0.507%
12	6.263	842	849	858	rVV2	316091	991797	3.80%	0.588%
13	6.367	858	866	881	rVB2	198545	604461	2.32%	0.358%
14	6.617	895	907	923	rBV3	141461	379990	1.46%	0.225%
15	6.769	923	932	940	rBV	506213	1323226	5.07%	0.784%
16	6.848	940	945	959	rVB3	148455	451672	1.73%	0.268%
17	7.385	1020	1033	1046	rBV2	693543	1911359	7.33%	1.133%
18	7.659	1072	1078	1090	rVB	171033	363663	1.39%	0.215%
19	7.988	1123	1132	1143	rVB4	100537	307348	1.18%	0.182%
20	8.110	1143	1152	1156	rBV2	158777	355592	1.36%	0.211%
21	8.653	1235	1241	1251	rVB	1089806	1914872	7.34%	1.135%
22	9.159	1320	1324	1335	rVB	220057	406103	1.56%	0.241%
23	10.055	1466	1471	1476	rBV	1139806	1539473	5.90%	0.912%
24	10.195	1489	1494	1502	rVB	1106129	1458425	5.59%	0.864%
25	10.963	1614	1620	1628	rBV	2487288	3251425	12.46%	1.927%
26	11.079	1634	1639	1644	rBV	963892	1217739	4.67%	0.722%
27	11.305	1670	1676	1684	rVB	8836552	11082884	42.48%	6.568%
28	11.396	1686	1691	1696	rVV	4180158	4861873	18.64%	2.881%
29	11.451	1696	1700	1721	rVB	1392132	1736315	6.66%	1.029%
30	11.610	1721	1726	1737	rBV	3196306	3852414	14.77%	2.283%
31	11.750	1744	1749	1757	rVB	20704203	26089426	100.00%	15.460%
32	11.860	1763	1767	1769	rBV	590853	726167	2.78%	0.430%
33	11.890	1769	1772	1779	rVB	793931	966618	3.71%	0.573%
34	12.018	1788	1793	1796	rBV2	1220557	1647648	6.32%	0.976%
35	12.055	1796	1799	1801	rVV	1784158	2259136	8.66%	1.339%
36	12.085	1801	1804	1809	rVB	4864866	5649475	21.65%	3.348%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

37	12.244	1824	1830	1836	rBV	5217723	6416782	24.60%	3.802%
38	12.311	1836	1841	1849	rVB3	2905790	4886052	18.73%	2.895%
39	12.402	1851	1856	1861	rVB	677986	811244	3.11%	0.481%
40	12.463	1861	1866	1872	rVB2	477629	662910	2.54%	0.393%
41	12.530	1872	1877	1879	rBV	3878437	4732468	18.14%	2.804%
42	12.555	1879	1881	1885	rVV	2456337	2540065	9.74%	1.505%
43	12.610	1885	1890	1894	rVV	7480673	9173445	35.16%	5.436%
44	12.640	1894	1895	1900	rVB	1239046	1228908	4.71%	0.728%
45	12.695	1900	1904	1912	rBV2	4497315	6217849	23.83%	3.685%
46	12.847	1924	1929	1934	rBV	1244314	1581248	6.06%	0.937%
47	12.920	1934	1941	1944	rVV	4537864	5364976	20.56%	3.179%
48	12.963	1944	1948	1954	rVV	5442961	6571117	25.19%	3.894%
49	13.024	1954	1958	1967	rVB3	327591	587480	2.25%	0.348%
50	13.164	1977	1981	1987	rVB	4113739	4805161	18.42%	2.847%
51	13.256	1991	1996	1997	rBV2	311136	414773	1.59%	0.246%
52	13.292	1997	2002	2008	rVV2	8191151	11258575	43.15%	6.672%
53	13.365	2012	2014	2019	rVB	321774	375065	1.44%	0.222%
54	13.420	2019	2023	2031	rVB	897805	1132169	4.34%	0.671%
55	13.500	2031	2036	2039	rBV2	339061	474379	1.82%	0.281%
56	13.542	2039	2043	2046	rVV	741692	1029586	3.95%	0.610%
57	13.579	2046	2049	2055	rVV3	902217	1661205	6.37%	0.984%
58	13.640	2055	2059	2060	rVV	406862	532963	2.04%	0.316%
59	13.658	2060	2062	2070	rVB2	852602	1333906	5.11%	0.790%
60	13.774	2073	2081	2090	rVB	1125905	1579412	6.05%	0.936%
61	13.920	2099	2105	2109	rBV2	383852	559448	2.14%	0.332%
62	13.969	2109	2113	2117	rVB	312147	374600	1.44%	0.222%
63	14.073	2125	2130	2136	rBV	620564	780395	2.99%	0.462%
64	14.213	2148	2153	2159	rBV	503593	850489	3.26%	0.504%
65	14.317	2166	2170	2175	rBV	364136	478201	1.83%	0.283%
66	14.371	2175	2179	2183	rVB	350224	442162	1.69%	0.262%
67	14.634	2218	2222	2233	rVB	1685087	2086776	8.00%	1.237%
68	14.774	2240	2245	2255	rBV	2319681	3038890	11.65%	1.801%

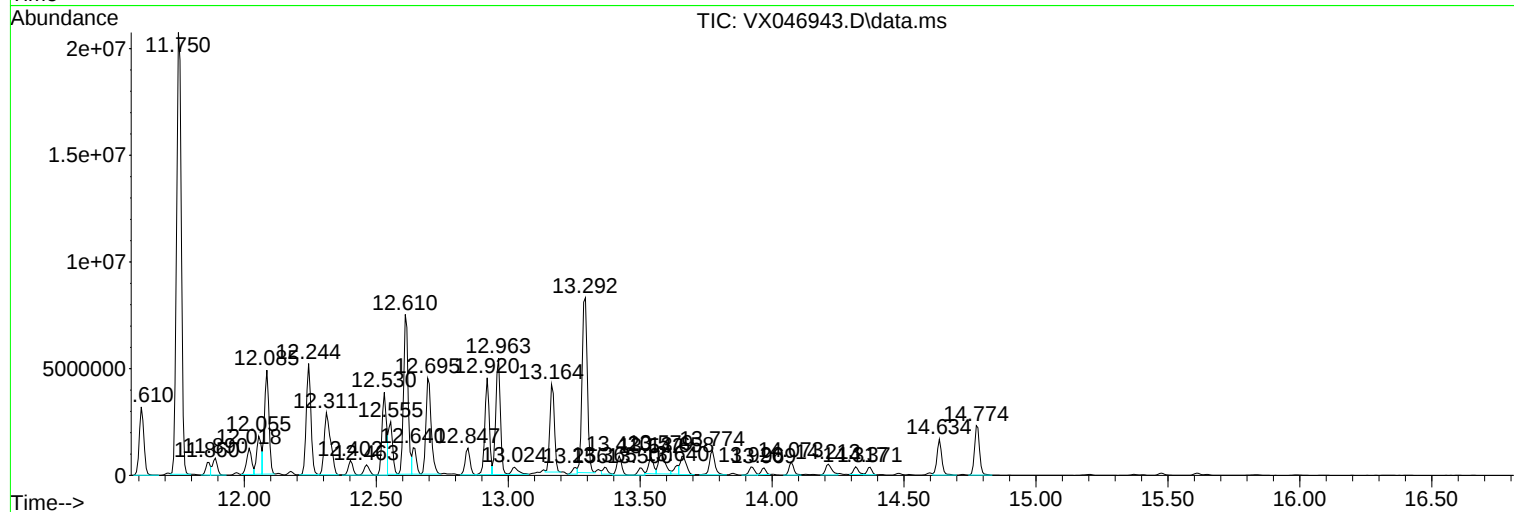
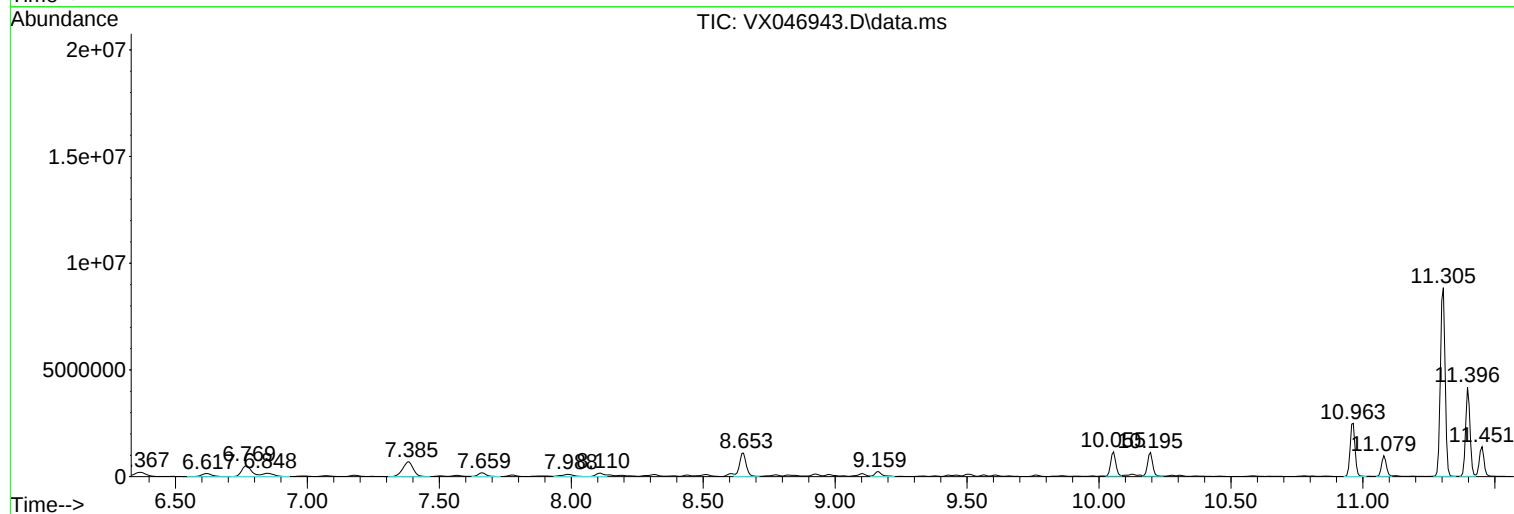
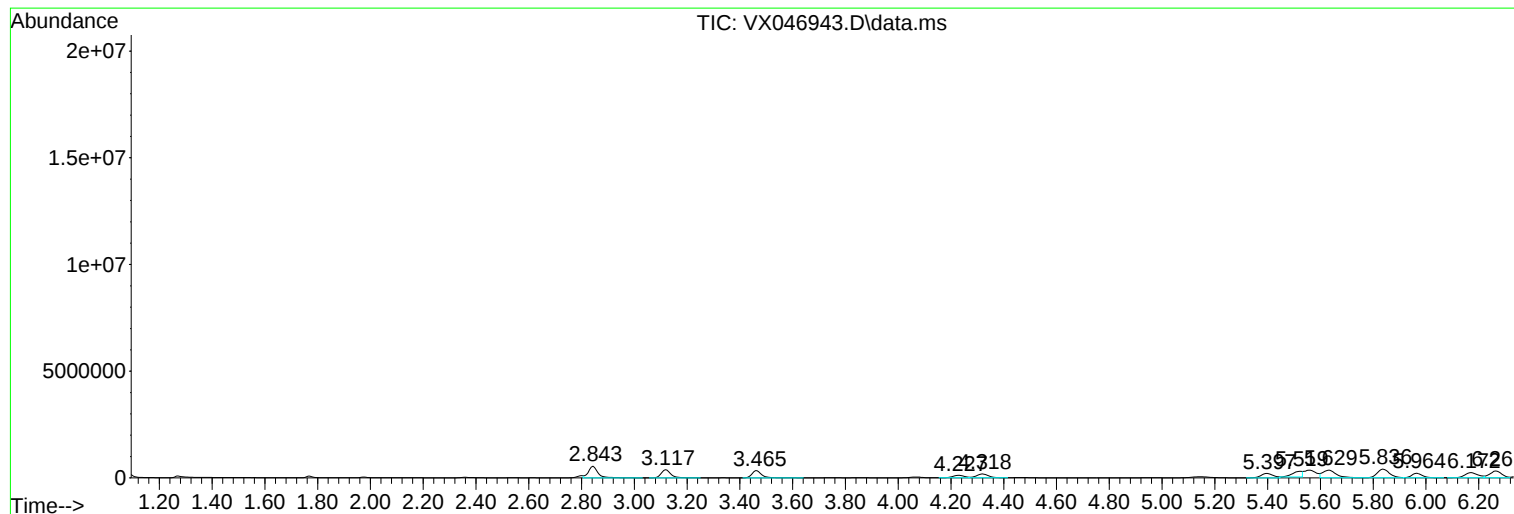
Sum of corrected areas: 168753296

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

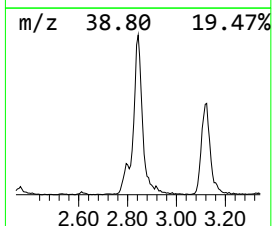
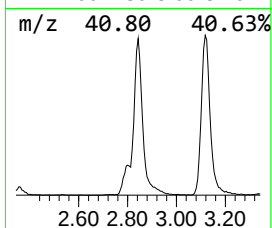
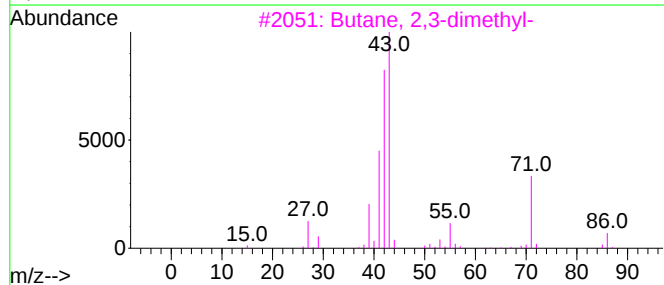
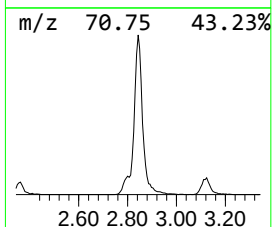
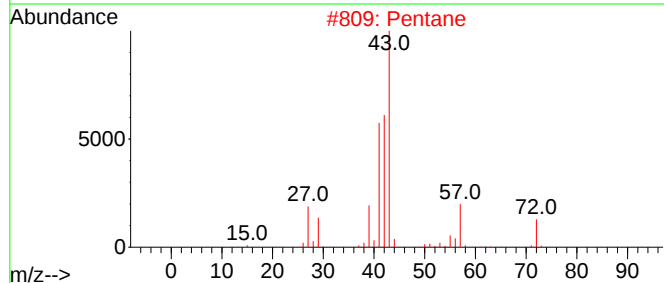
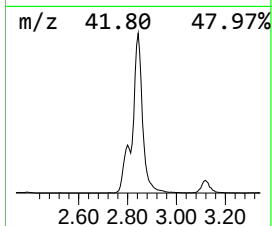
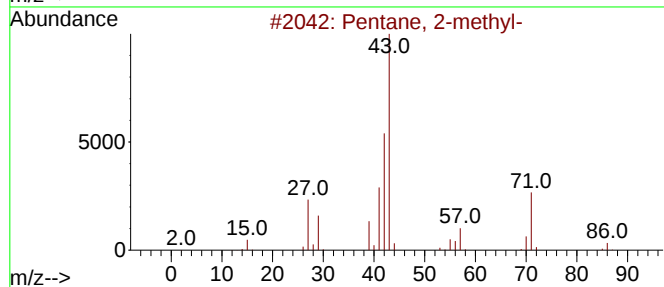
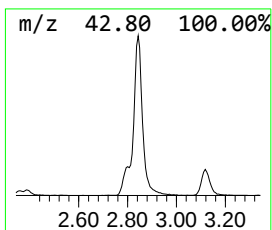
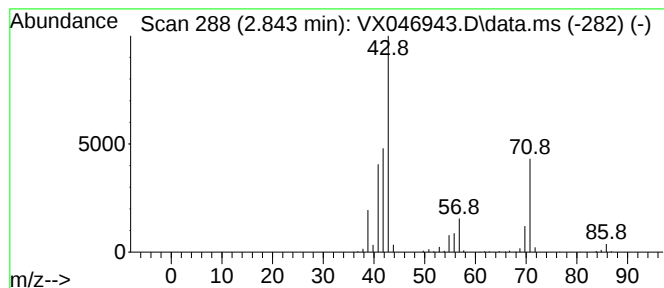
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	92.07 ug/l	1322680	Pentafluorobenzene	5.562

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane	72	C5H12	000109-66-0	46
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

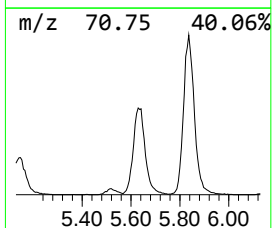
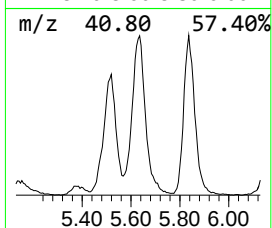
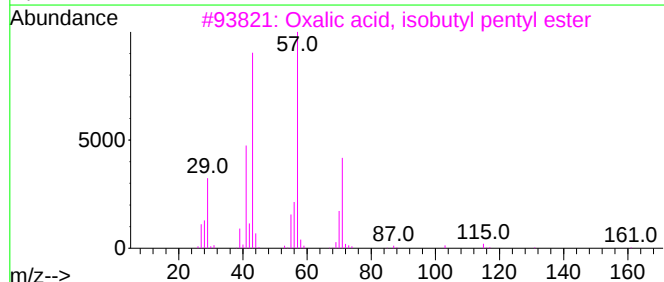
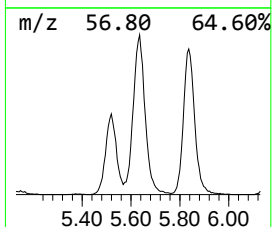
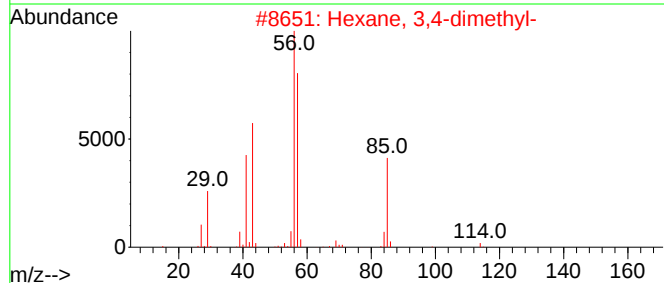
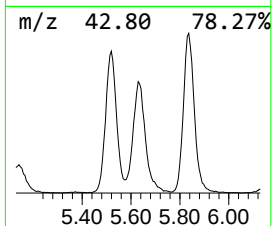
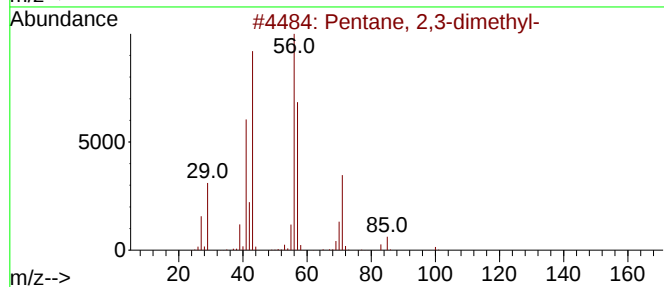
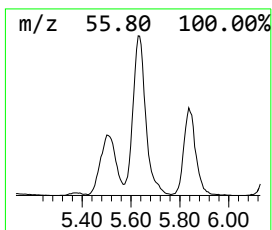
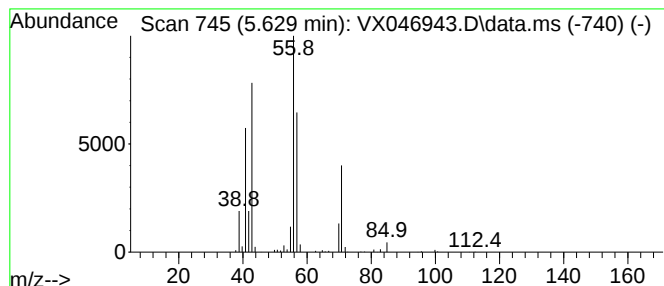
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.629	86.06 ug/l	1236270	Pentafluorobenzene	5.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38
5			Heptane	100	C7H16	000142-82-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

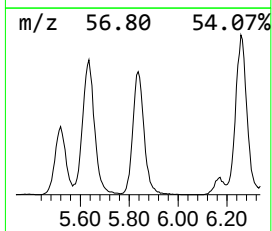
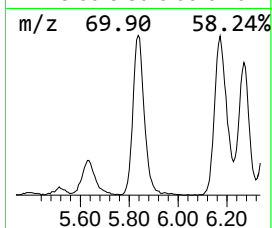
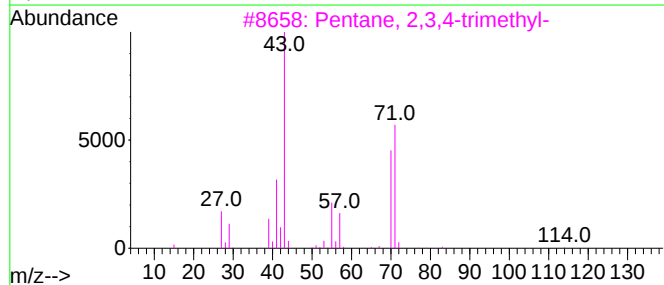
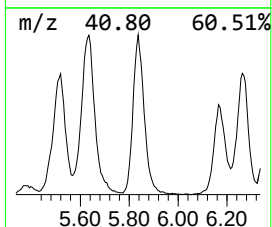
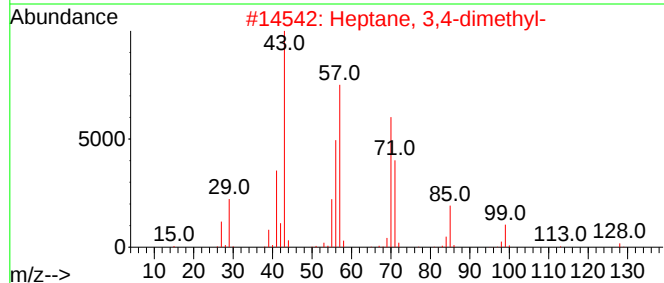
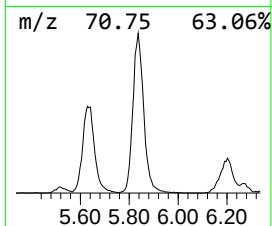
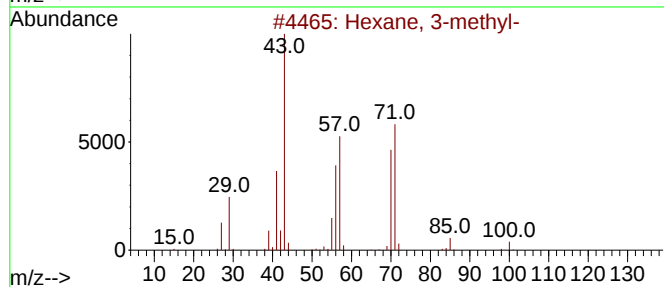
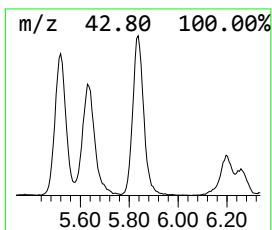
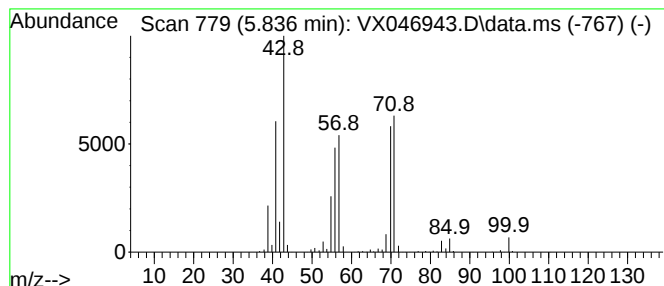
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Quant Title : SW846 8260

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

Peak Number 3 Hexane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.836	91.46 ug/l	1313930	Pentafluorobenzene	5.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-			100	C7H16	000589-34-4	91
2	Heptane, 3,4-dimethyl-			128	C9H20	000922-28-1	53
3	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	53
4	Heptane, 4-methyl-			114	C8H18	000589-53-7	53
5	Heptane			100	C7H16	000142-82-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

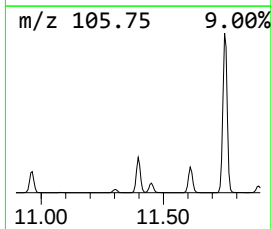
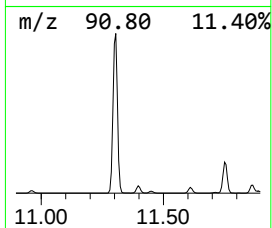
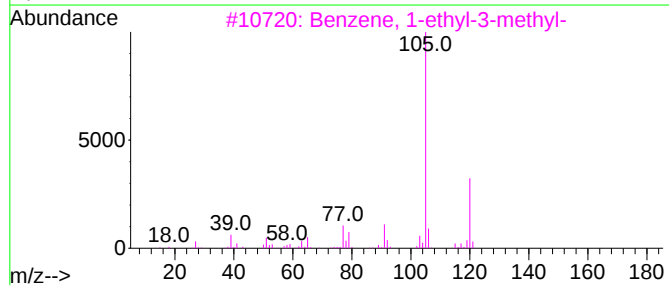
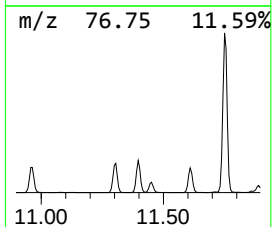
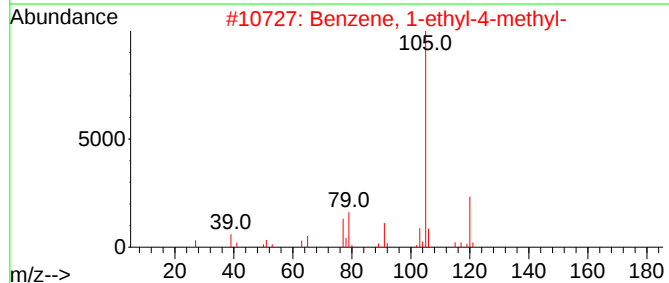
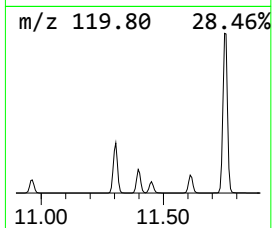
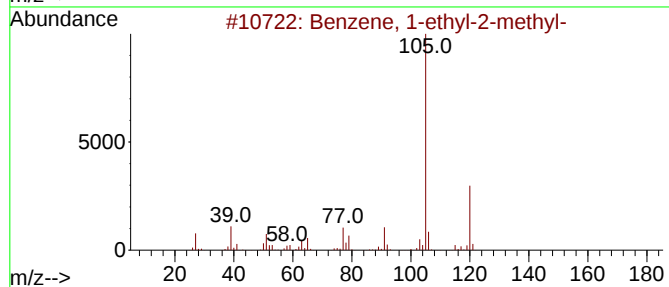
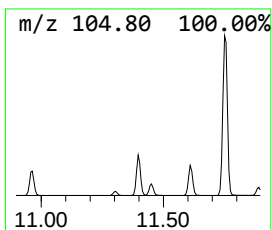
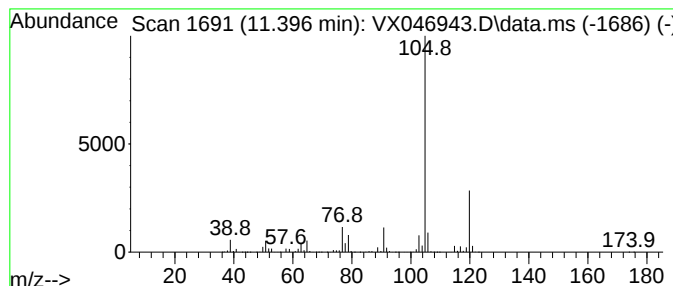
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	147.54 ug/l	4861870	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

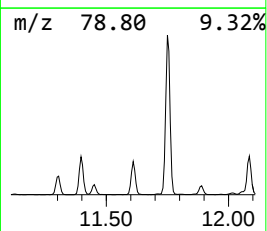
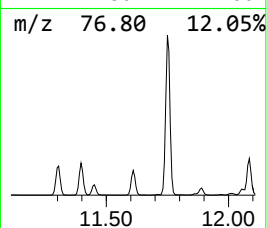
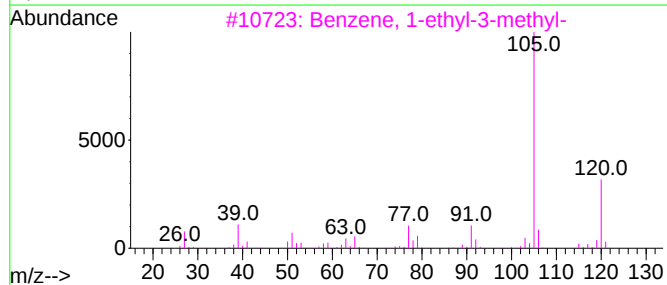
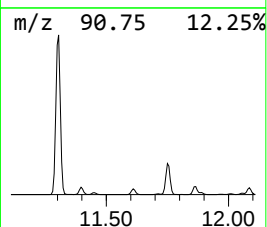
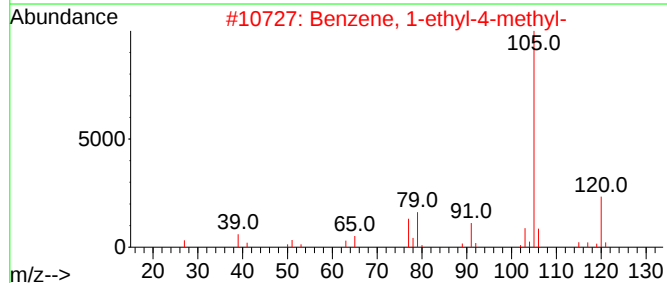
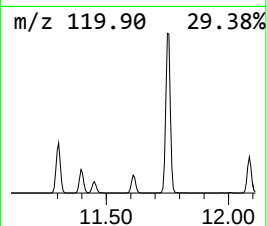
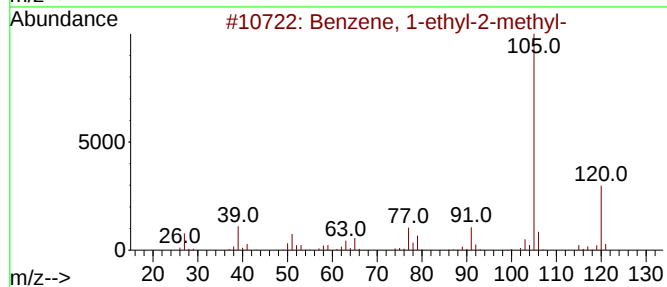
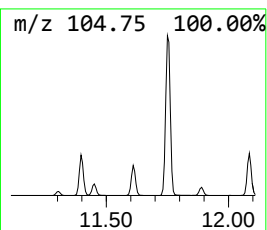
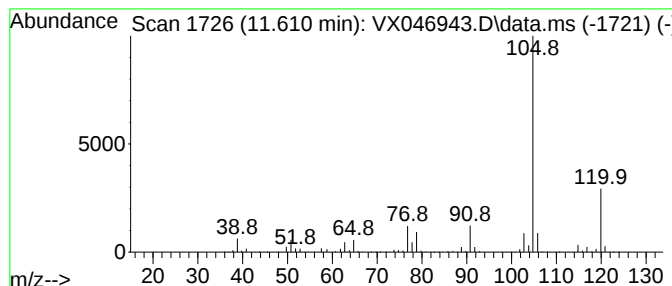
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	116.91 ug/l	3852410	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

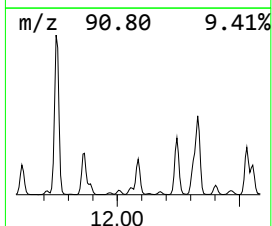
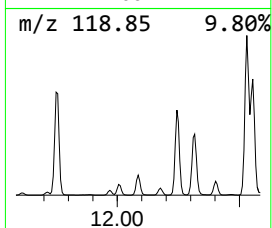
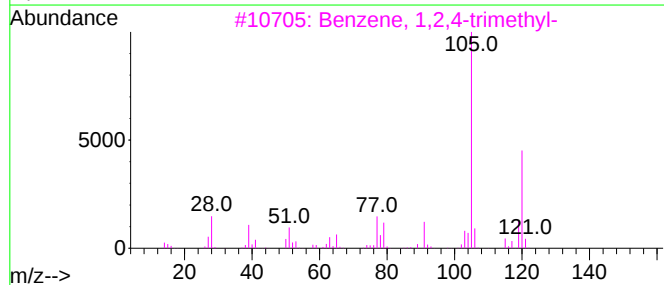
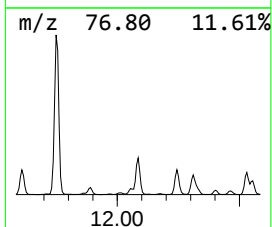
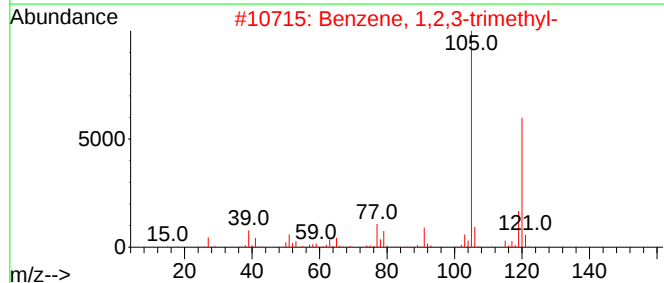
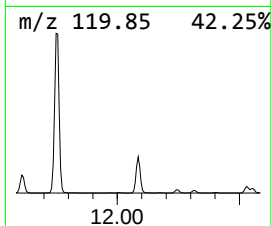
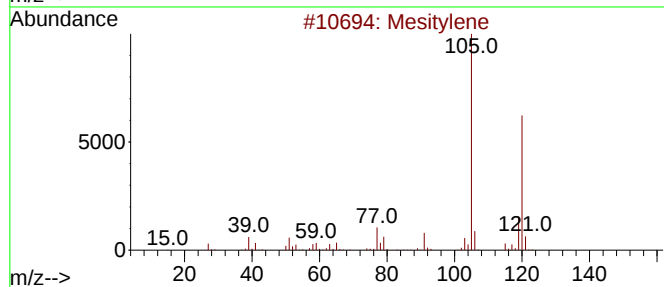
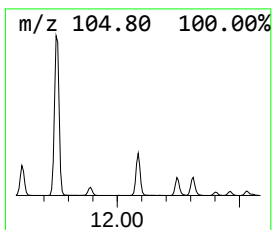
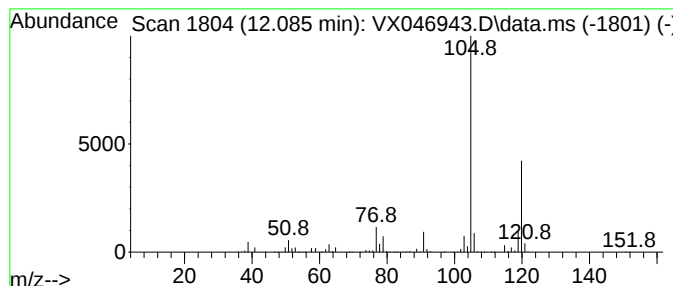
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	171.44 ug/l	5649480	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

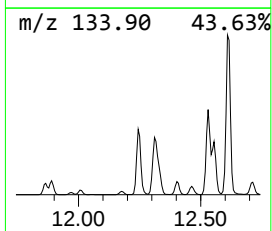
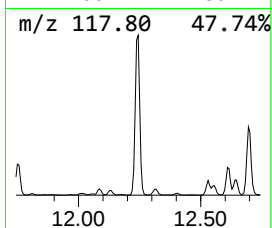
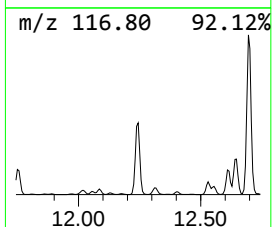
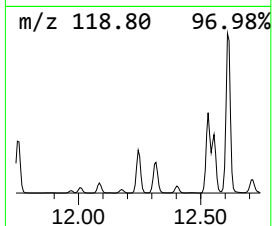
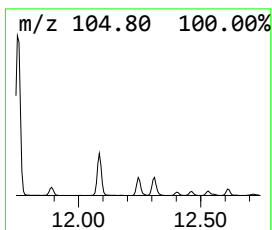
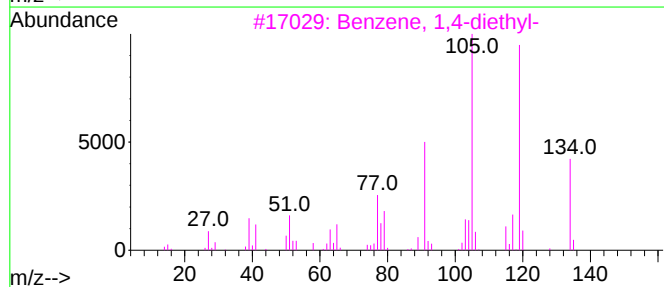
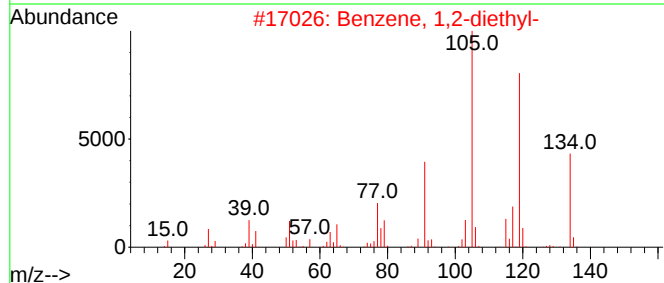
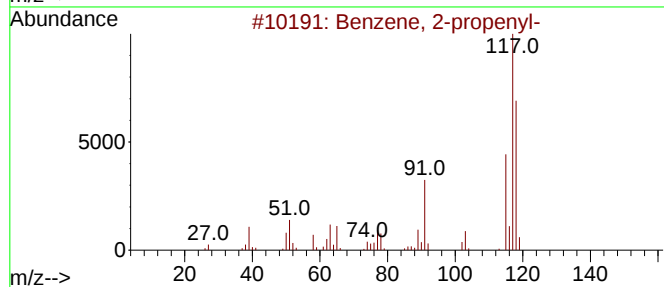
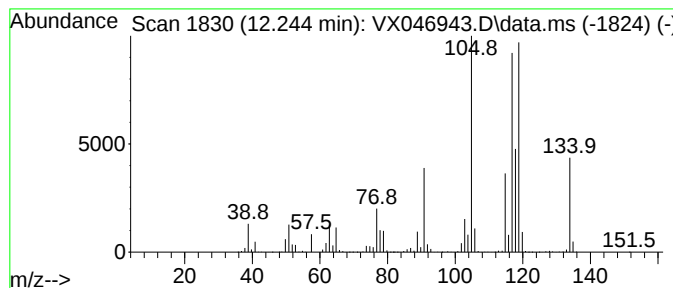
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	194.73 ug/l	6416780	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	78
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
5			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

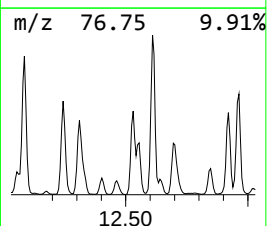
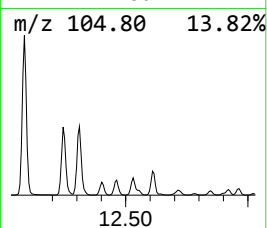
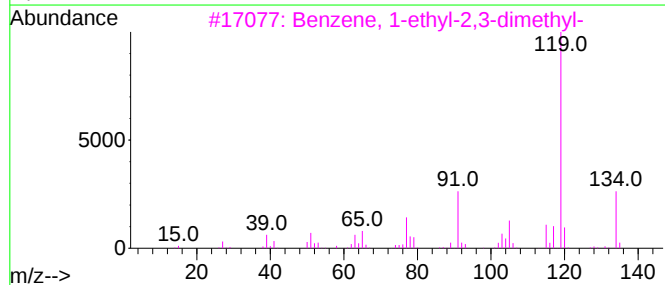
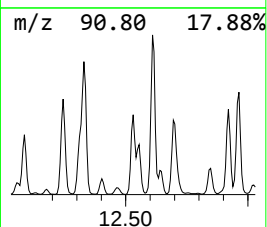
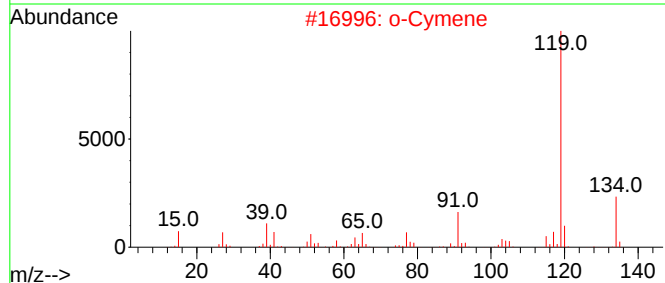
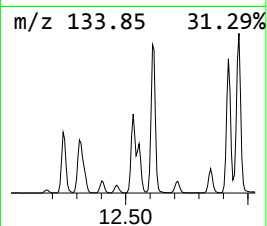
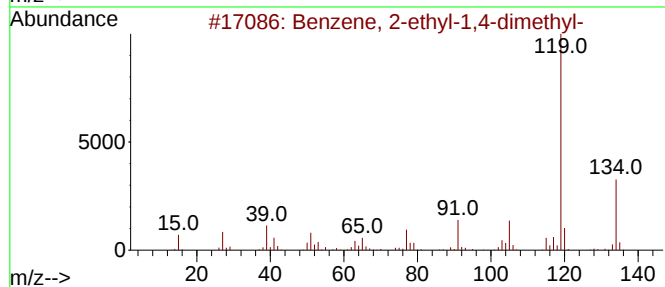
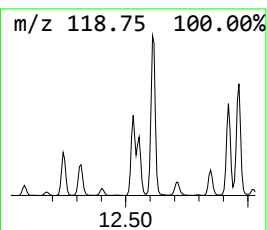
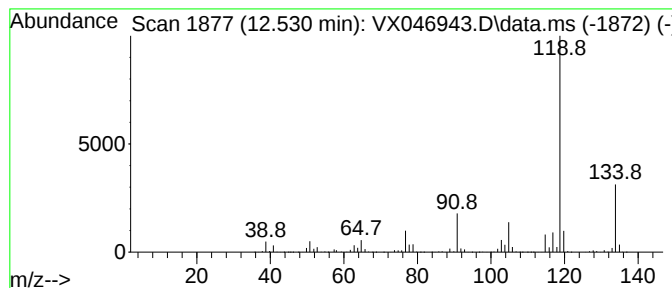
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	143.61 ug/l	4732470	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

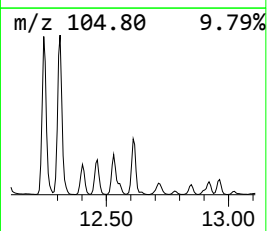
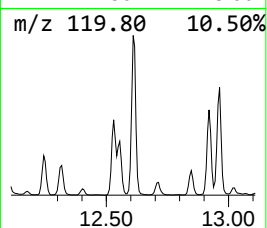
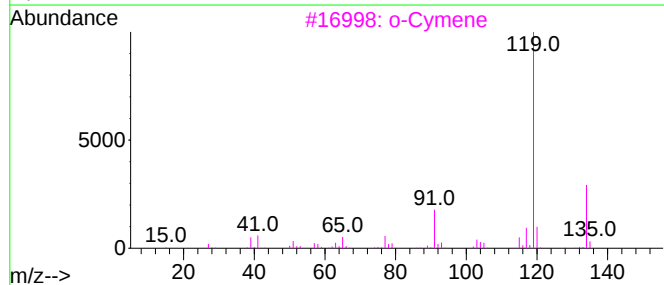
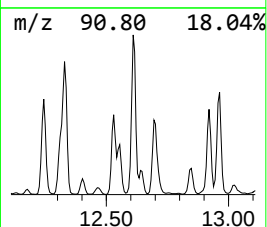
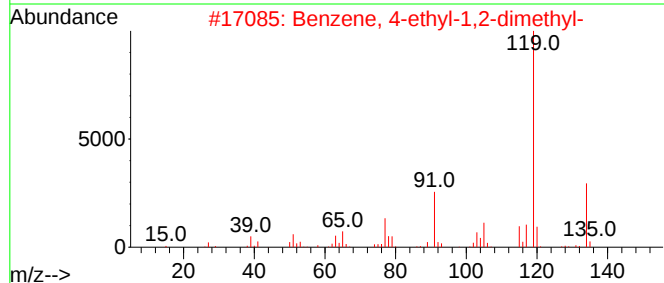
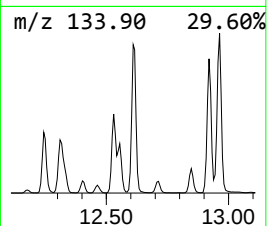
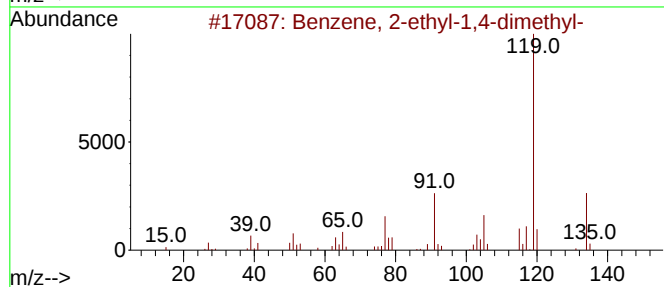
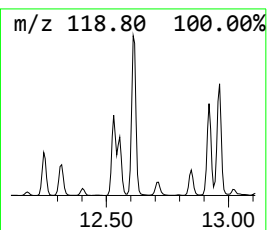
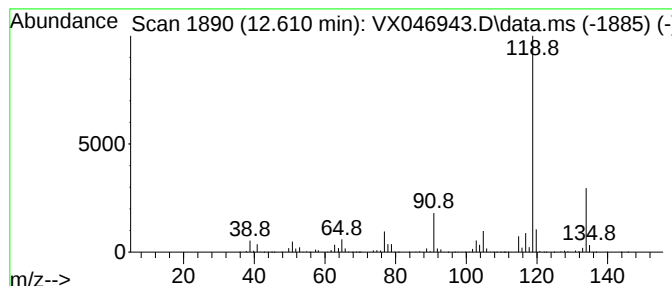
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	278.38 ug/l	9173450	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

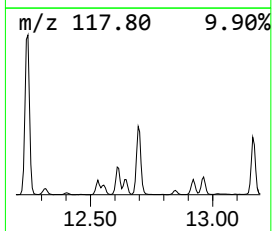
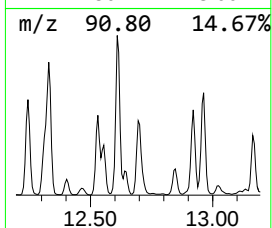
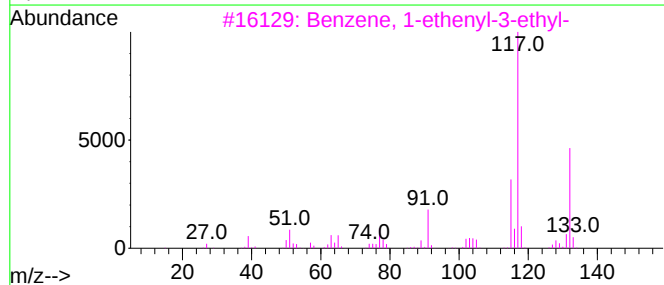
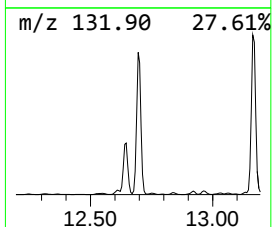
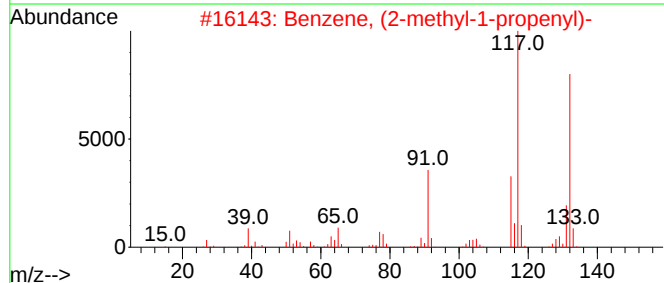
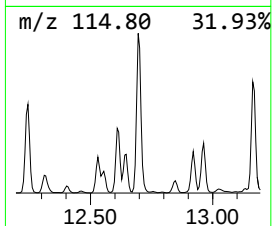
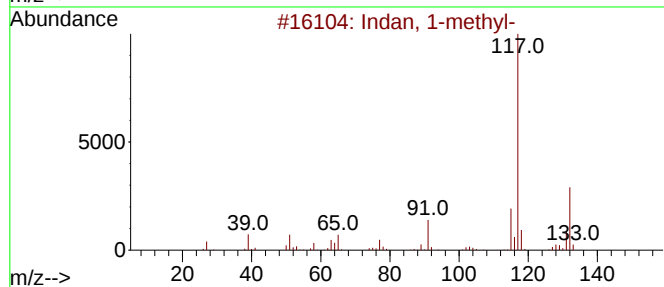
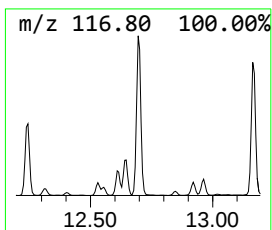
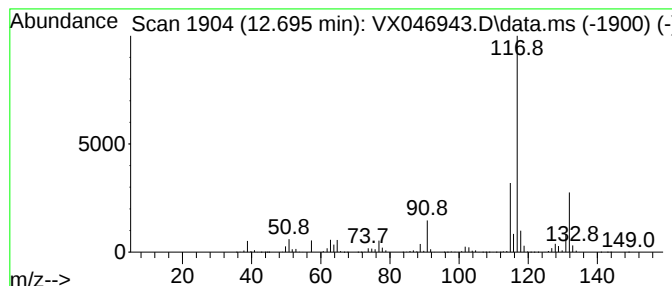
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Quant Title : SW846 8260

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

Peak Number 10 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	188.69 ug/l	6217850	1,4-Dichlorobenzene-d4	12.018

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indan, 1-methyl-	132	C10H12	000767-58-8	93
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

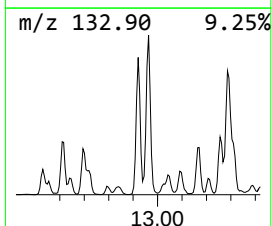
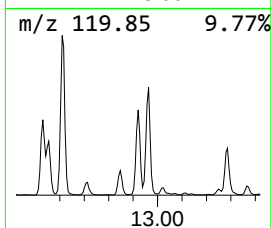
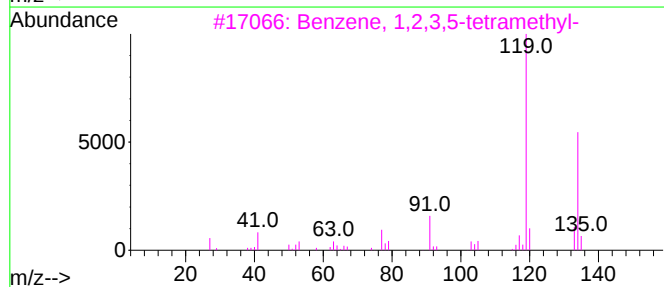
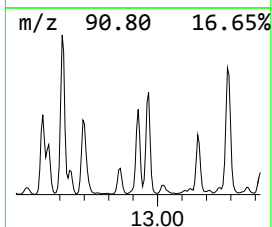
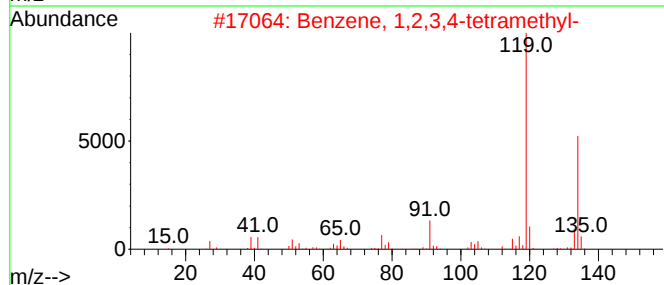
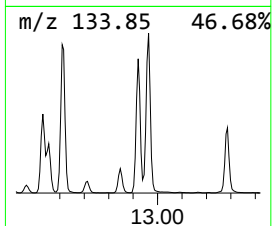
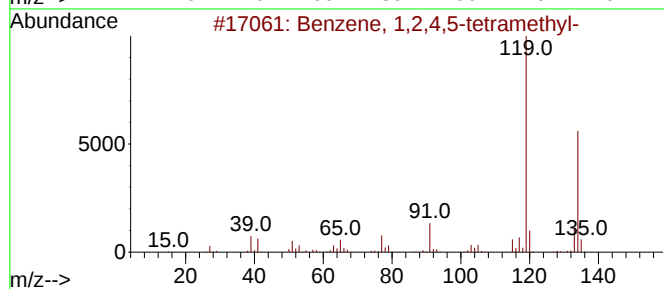
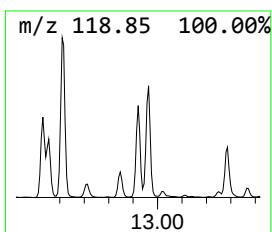
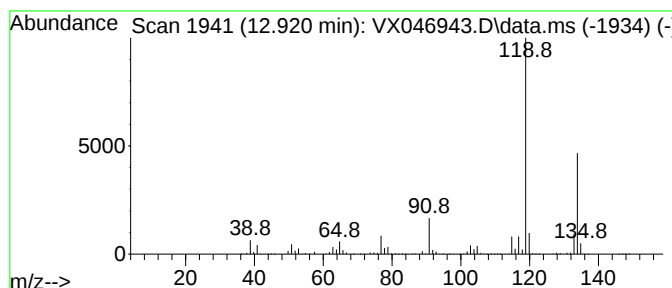
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Quant Title : SW846 8260

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

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	162.81 ug/l	5364980	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

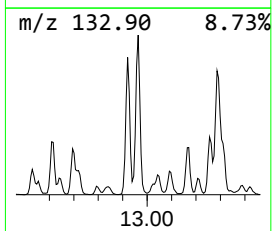
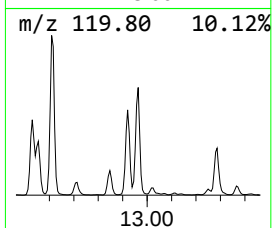
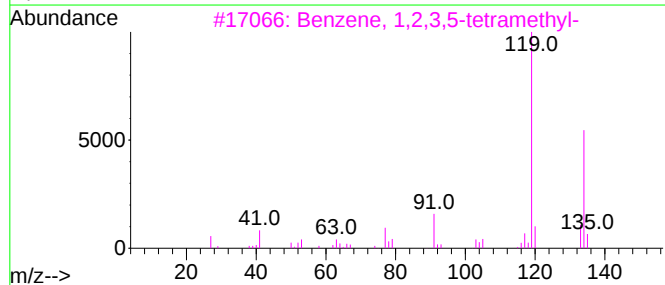
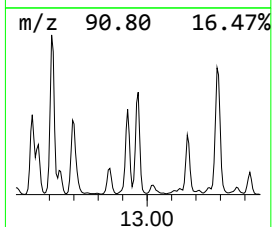
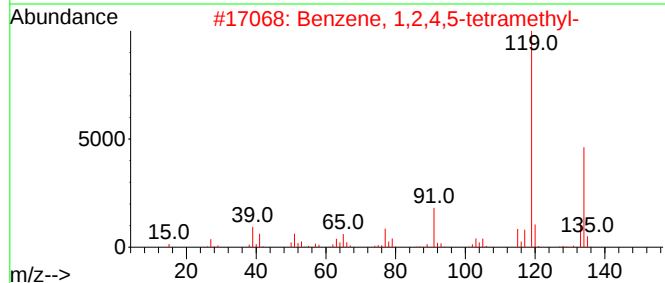
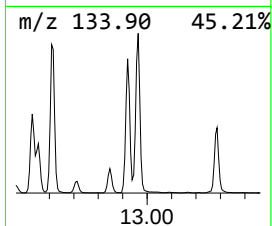
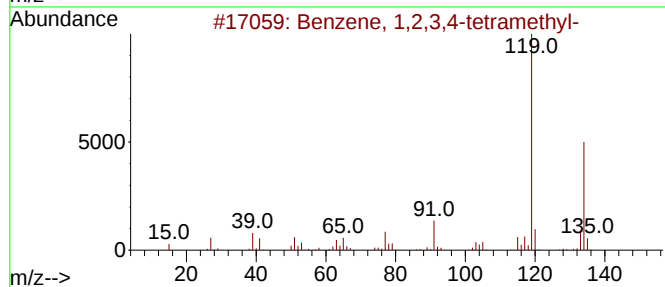
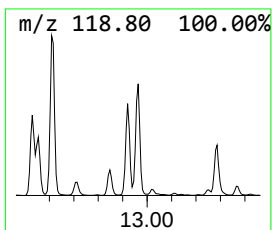
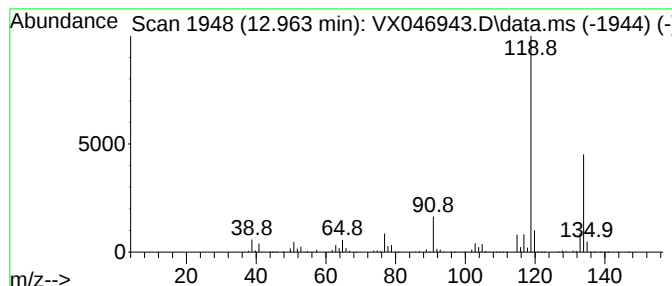
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Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	199.41 ug/l	6571120	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

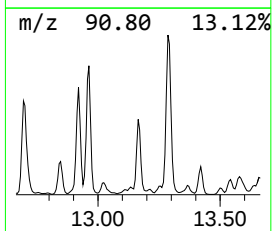
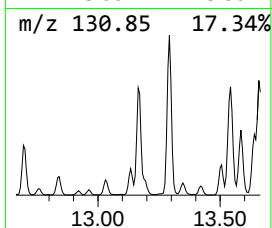
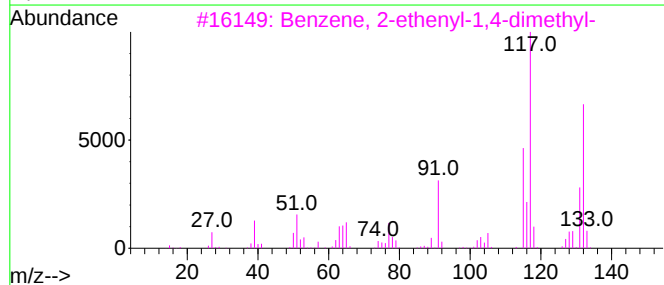
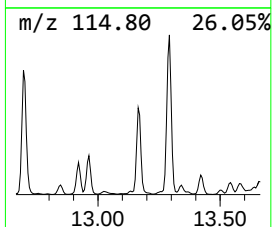
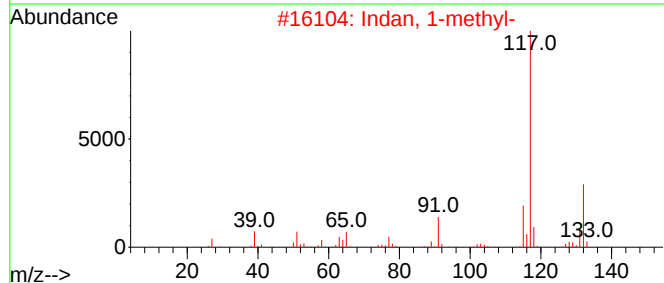
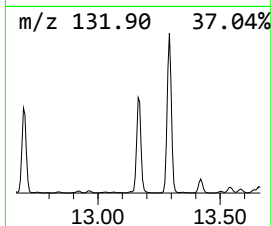
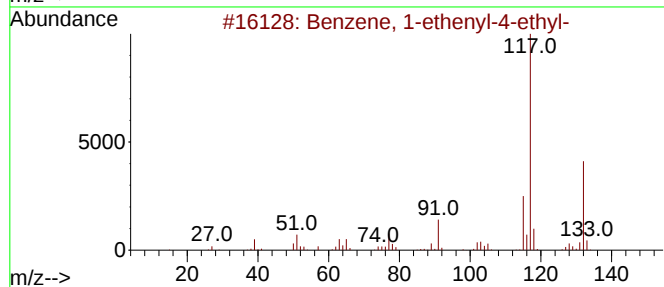
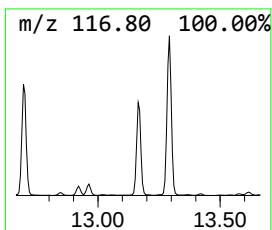
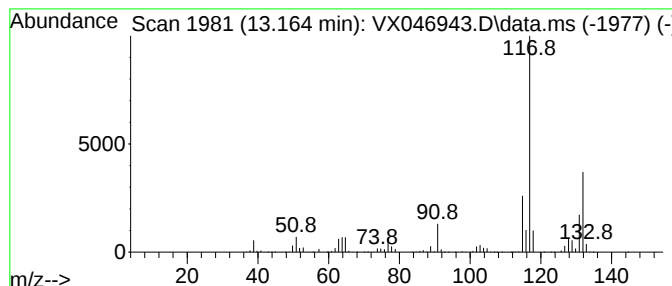
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Quant Title : SW846 8260

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

Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	145.82 ug/l	4805160	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Indan, 1-methyl-	132	C10H12	000767-58-8	91
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

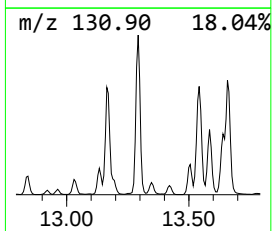
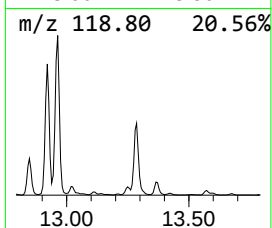
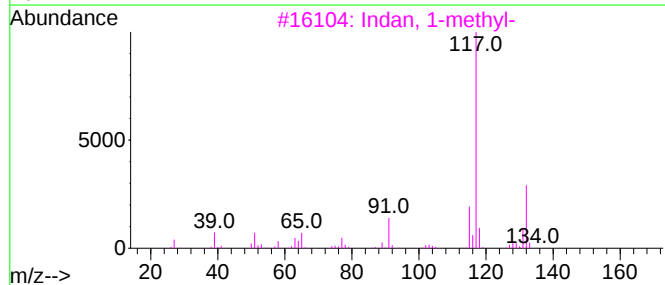
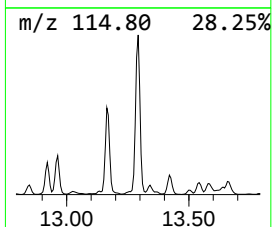
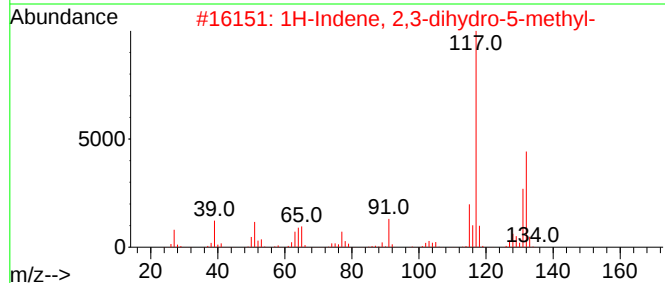
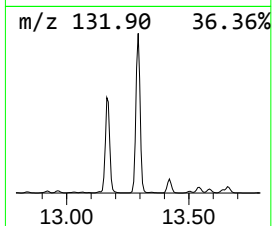
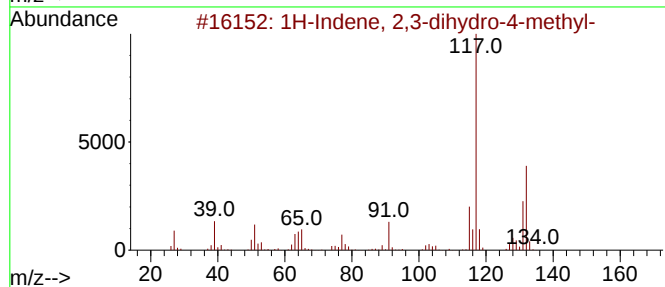
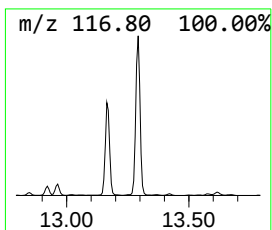
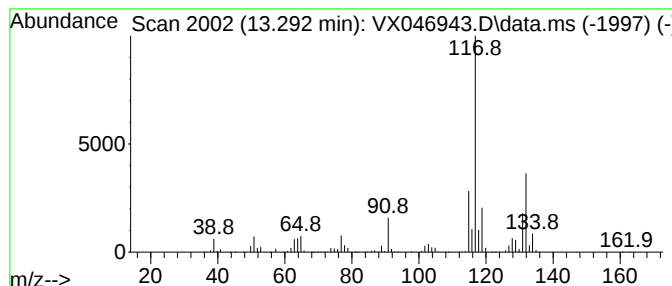
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	341.66 ug/l	11258600	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93		
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87		
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81		
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81		
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	2.843	92.1	ug/l	1322680	1	5.562	718283	50.0
Pentane, 2,3-di...	5.629	86.1	ug/l	1236270	1	5.562	718283	50.0
Hexane, 3-methyl-	5.836	91.5	ug/l	1313930	1	5.562	718283	50.0
Benzene, 1-ethy...	11.396	147.5	ug/l	4861870	4	12.018	1647650	50.0
Benzene, 1-ethy...	11.610	116.9	ug/l	3852410	4	12.018	1647650	50.0
Benzene, 1,2,3-...	12.085	171.4	ug/l	5649480	4	12.018	1647650	50.0
Benzene, 2-prop...	12.244	194.7	ug/l	6416780	4	12.018	1647650	50.0
Benzene, 2-ethy...	12.530	143.6	ug/l	4732470	4	12.018	1647650	50.0
Benzene, 4-ethy...	12.610	278.4	ug/l	9173450	4	12.018	1647650	50.0
Indan, 1-methyl-	12.695	188.7	ug/l	6217850	4	12.018	1647650	50.0
Benzene, 1,2,4,...	12.920	162.8	ug/l	5364980	4	12.018	1647650	50.0
Benzene, 1,2,3,...	12.963	199.4	ug/l	6571120	4	12.018	1647650	50.0
Benzene, 1-ethe...	13.164	145.8	ug/l	4805160	4	12.018	1647650	50.0
1H-Indene, 2,3-...	13.292	341.7	ug/l	11258600	4	12.018	1647650	50.0

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.39	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	3.20	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	457000	5.568			
540-36-3	1,4-Difluorobenzene	803000	6.769			
3114-55-4	Chlorobenzene-d5	753000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	387000	12.018			

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	13.1	J		1.77	ug/L
000075-83-2	Butane, 2,2-dimethyl-	7.10	J		2.36	ug/L
000079-29-8	Butane, 2,3-dimethyl-	23.3	J		2.80	ug/L
000096-14-0	Pentane, 3-methyl-	15.7	J		3.12	ug/L
001638-26-2	Cyclopentane, 1,1-dimethyl-	5.90	J		5.86	ug/L
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	7.80	J		9.16	ug/L
103-65-1	n-propylbenzene	4.20	J		11.3	ug/L
98-06-6	tert-Butylbenzene	0.38	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.10	J		11.8	ug/L
135-98-8	sec-Butylbenzene	2.10	J		11.9	ug/L
000105-05-5	Benzene, 1,4-diethyl-	15.4	J		12.2	ug/L
104-51-8	n-Butylbenzene	0.63	J		12.3	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	10.7	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	18.7	J		12.9	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	7.40	J		13.1	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046944.D
 Acq On : 10 Jul 2025 15:04
 Operator : JC/MD
 Sample : Q2553-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-202

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	457019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	802756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	753351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	386856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	304129	50.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.740%			
35) Dibromofluoromethane	5.397	113	255623	46.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.820%			
50) Toluene-d8	8.647	98	972622	50.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	384146	52.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.140%			
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.532	76	5023	0.386	ug/l #	93
73) Isopropylbenzene	10.963	105	86461	3.179	ug/l	99
78) n-propylbenzene	11.305	91	136201	4.154	ug/l	99
83) tert-Butylbenzene	11.713	119	8618	0.378	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	23625	1.058	ug/l	99
85) sec-Butylbenzene	11.890	105	61179	2.126	ug/l #	57
89) n-Butylbenzene	12.323	91	14286m	0.631	ug/l	

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

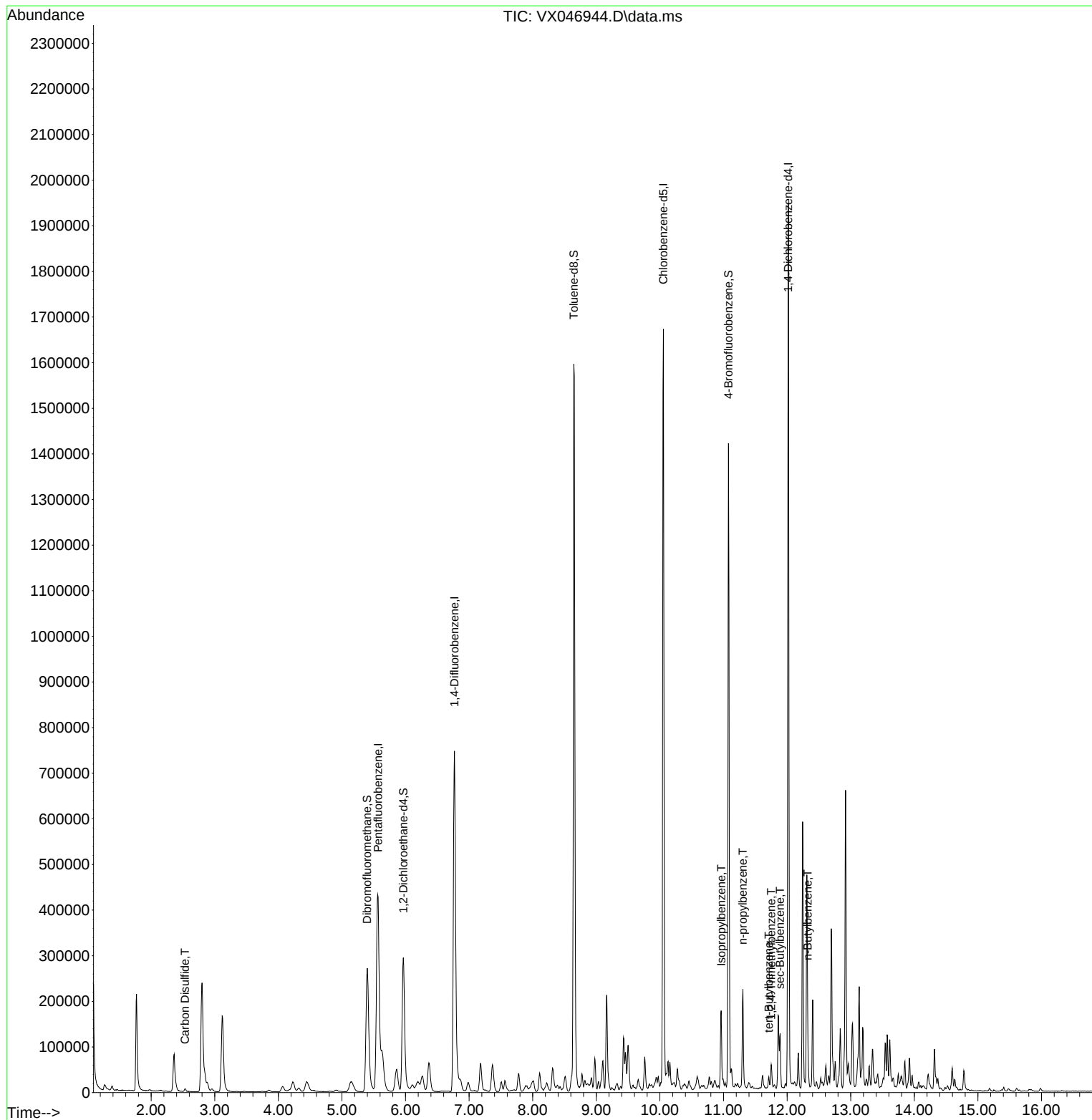
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Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

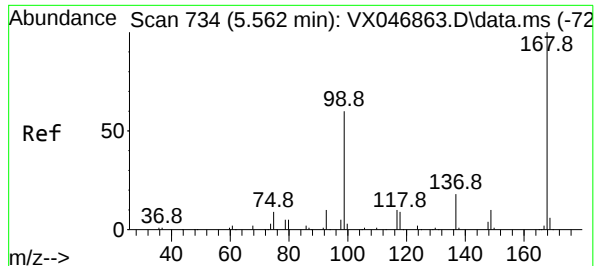
Instrument :
MSVOA_X
ClientSampleId :
AOC-202

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025

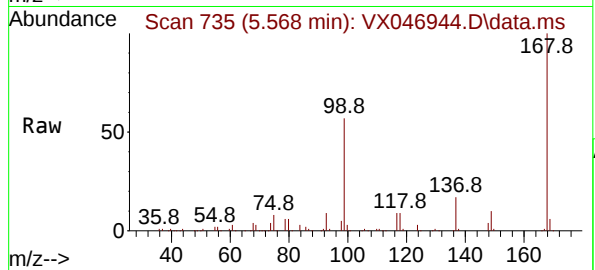
Quant Time: Jul 11 01:31:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

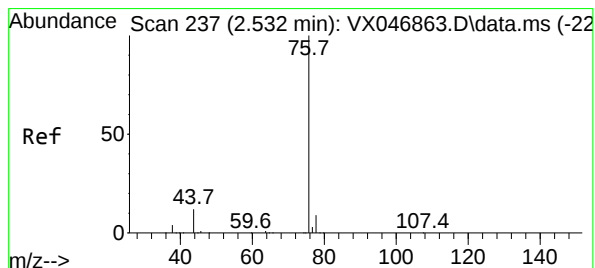
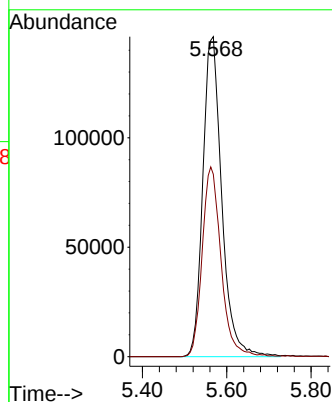
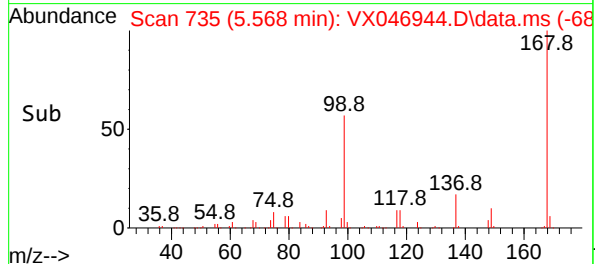
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



Tgt Ion:168 Resp: 457019
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2

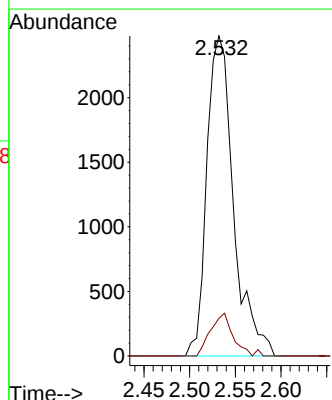
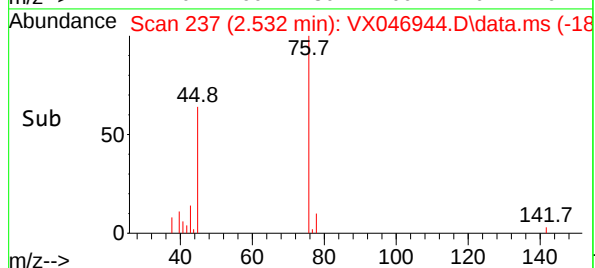
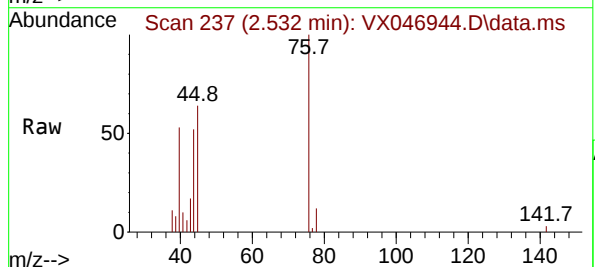
Manual Integrations
APPROVED

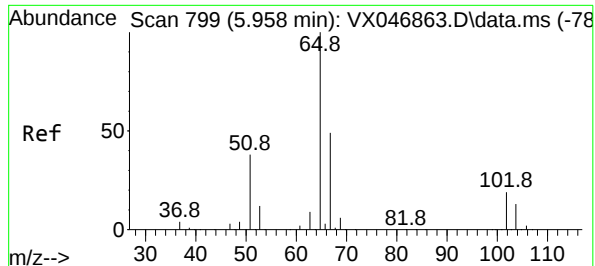
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 76 Resp: 5023
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 50.372 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046944.D

Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202

Tgt Ion: 65 Resp: 304129

Ion Ratio Lower Upper

65 100

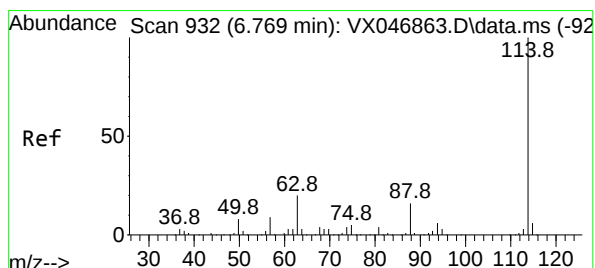
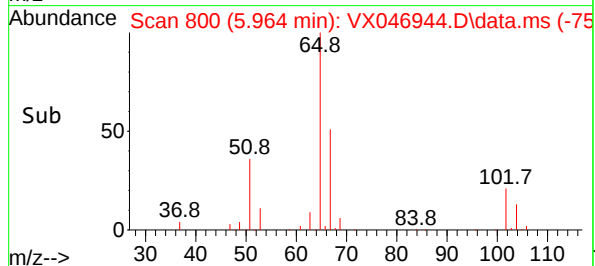
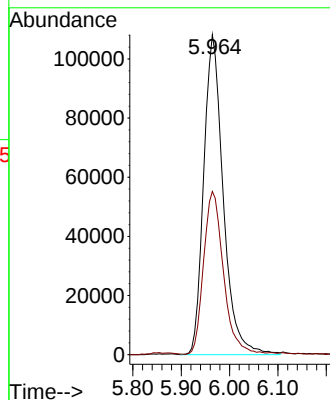
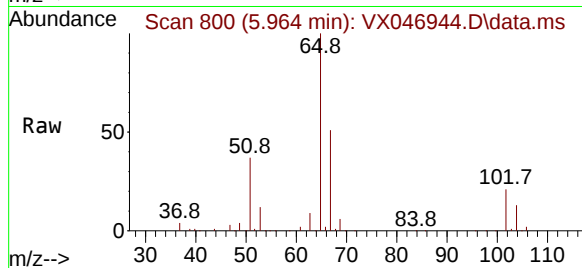
67 51.7 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046944.D

Acq: 10 Jul 2025 15:04

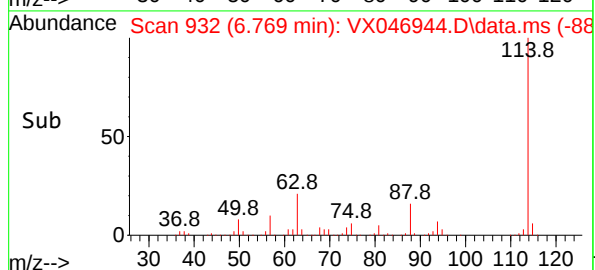
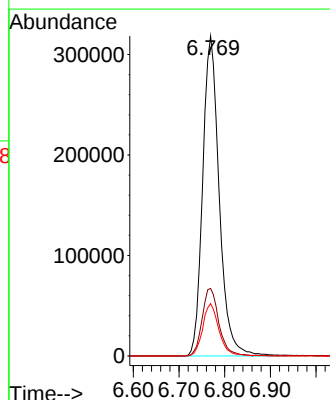
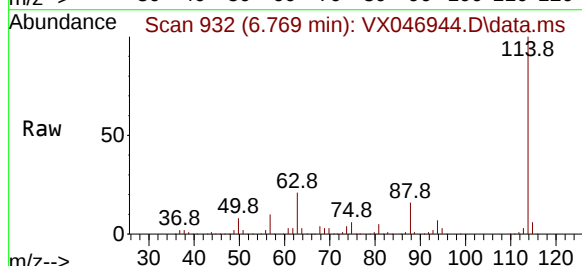
Tgt Ion:114 Resp: 802756

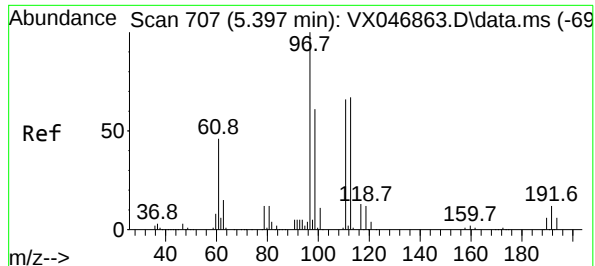
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 16.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.911 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046944.D

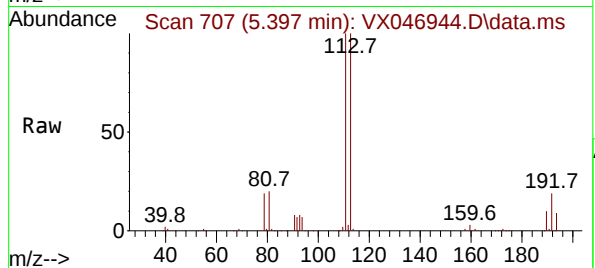
Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202



Tgt Ion:113 Resp: 25562

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

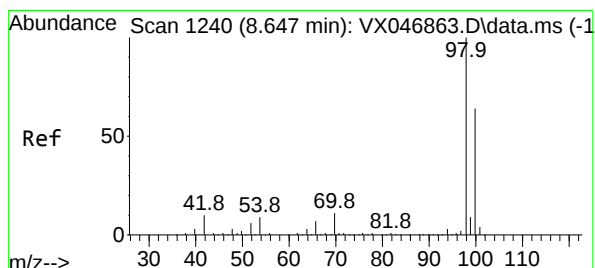
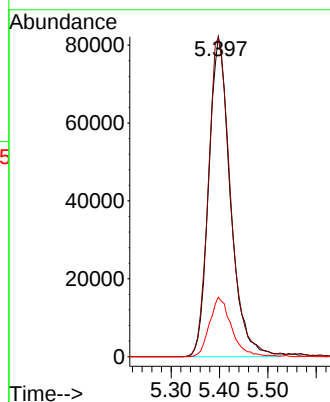
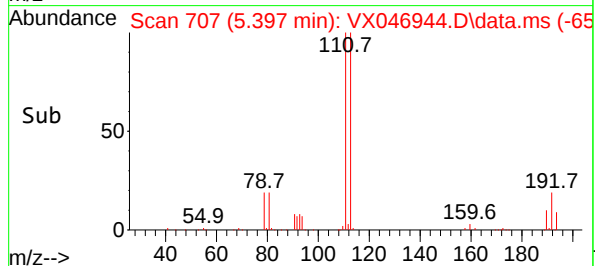
192 18.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#50

Toluene-d8

Concen: 50.590 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046944.D

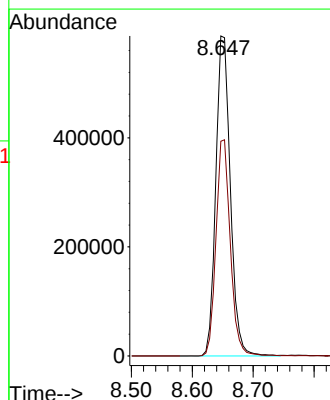
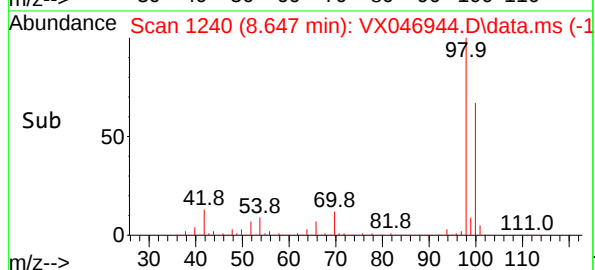
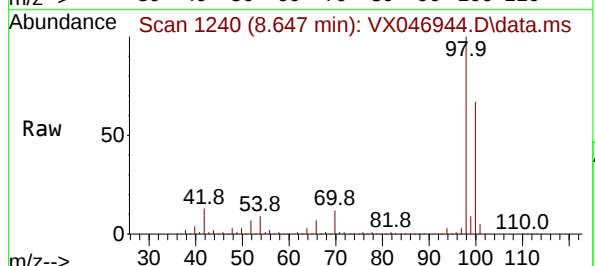
Acq: 10 Jul 2025 15:04

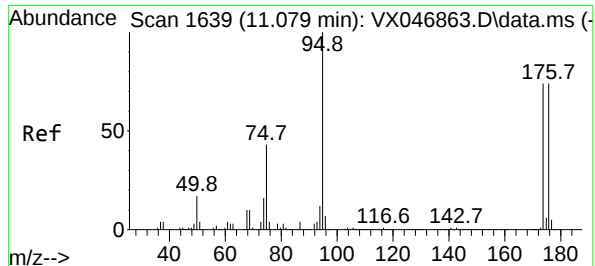
Tgt Ion: 98 Resp: 972622

Ion Ratio Lower Upper

98 100

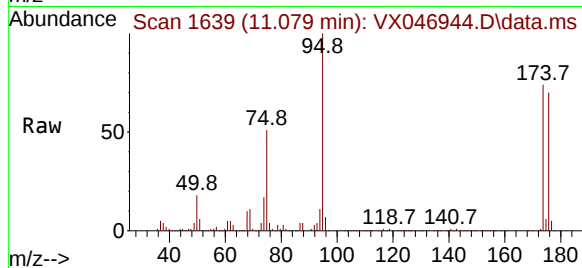
100 66.5 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

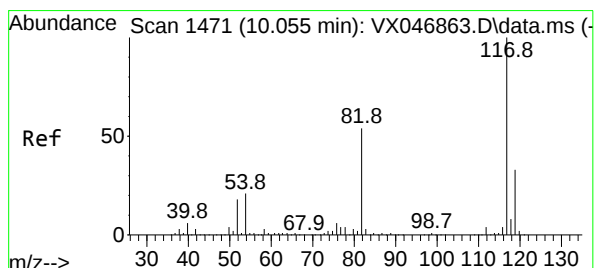
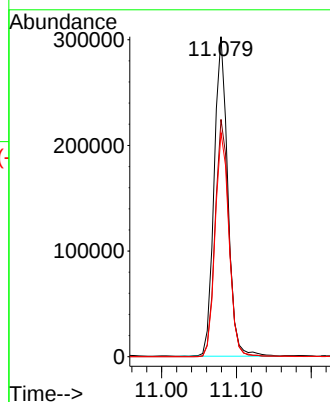
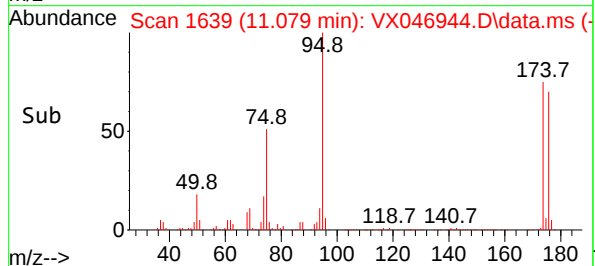
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



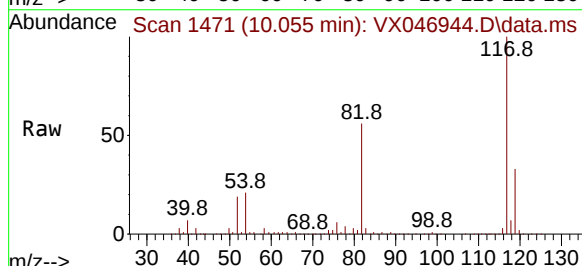
Tgt Ion: 95 Resp: 384140
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 71.5 0.0 145.2

Manual Integrations
APPROVED

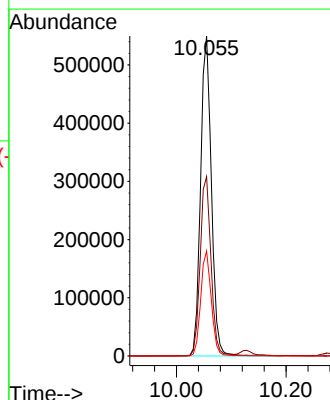
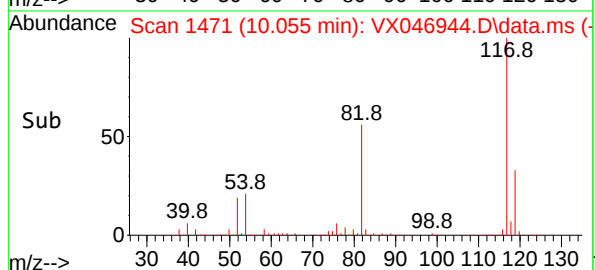
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

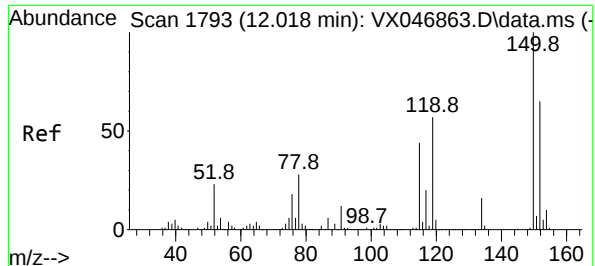


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04



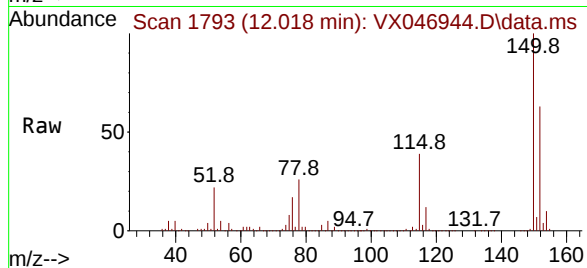
Tgt Ion:117 Resp: 753351
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

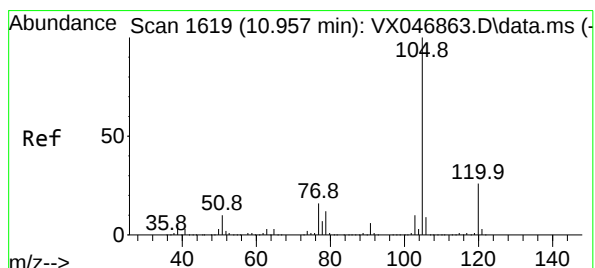
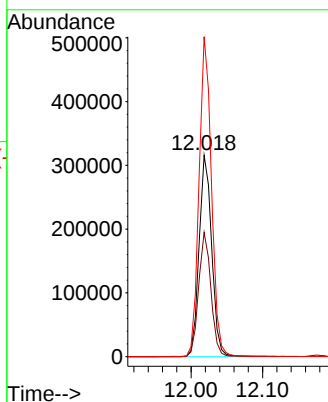
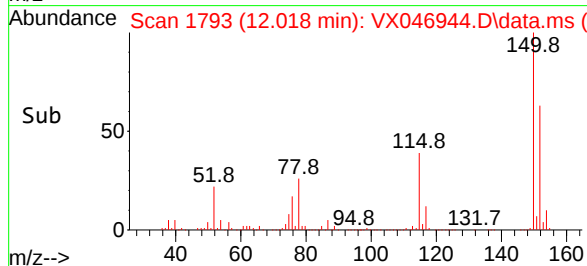
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



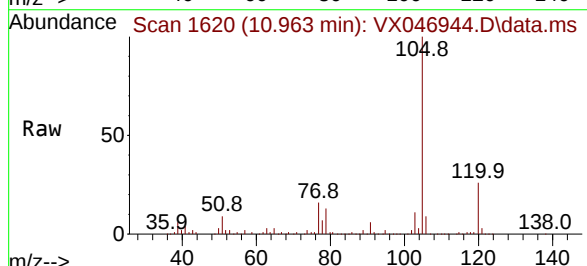
Tgt Ion:152 Resp: 386850
Ion Ratio Lower Upper
152 100
115 60.4 42.4 127.1
150 156.6 0.0 349.2

Manual Integrations
APPROVED

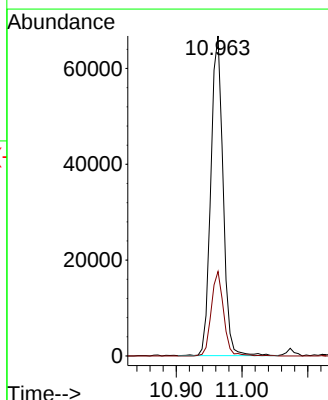
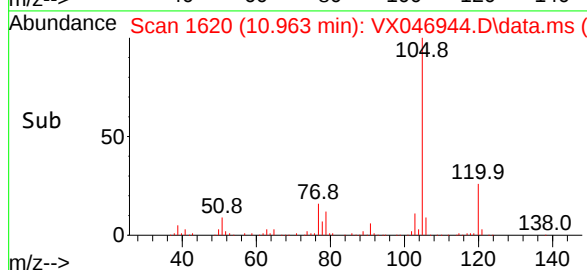
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

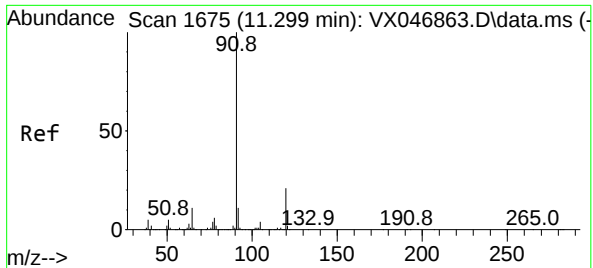


#73
Isopropylbenzene
Concen: 3.179 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04



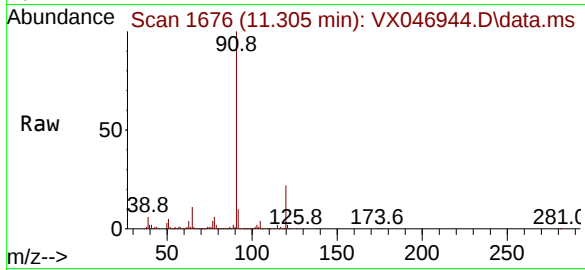
Tgt Ion:105 Resp: 86461
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5





#78
n-propylbenzene
Concen: 4.154 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

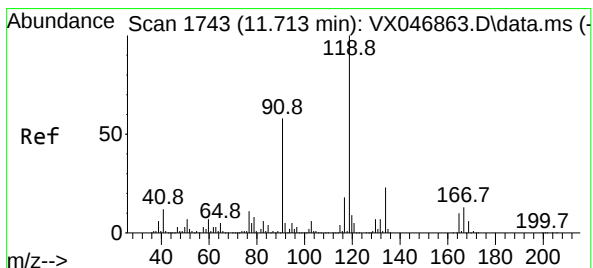
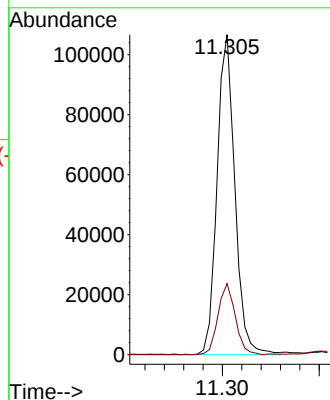
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



Tgt Ion: 91 Resp: 13620
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.5

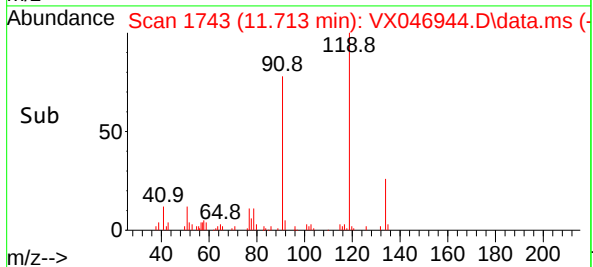
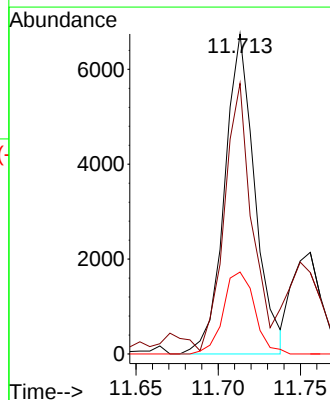
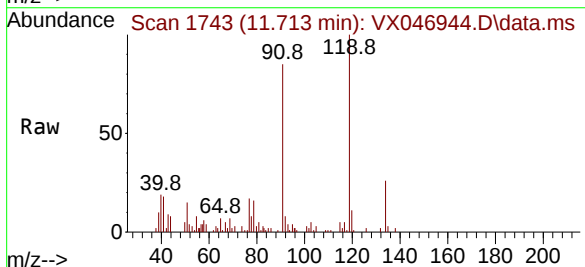
Manual Integrations
APPROVED

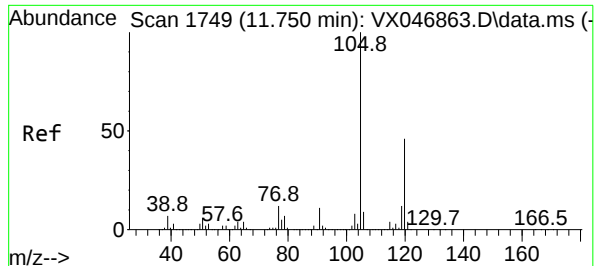
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:119 Resp: 8618
Ion Ratio Lower Upper
119 100
91 75.0 28.7 86.3
134 26.6 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 1.058 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046944.D

Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202

Tgt Ion:105 Resp: 2362

Ion Ratio Lower Upper

105 100

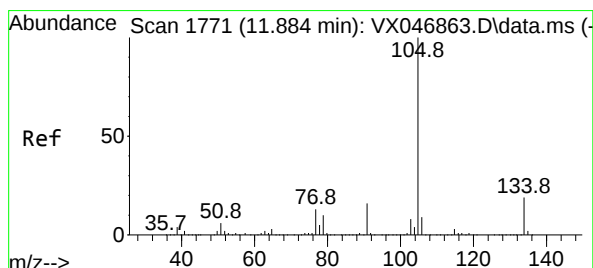
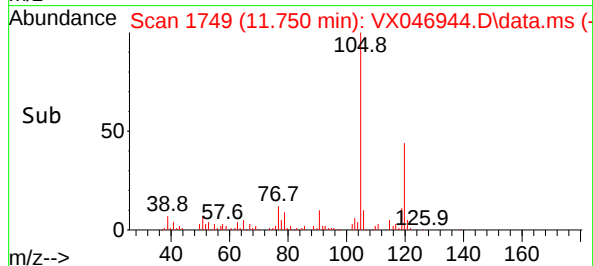
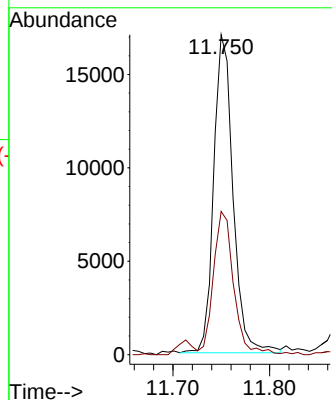
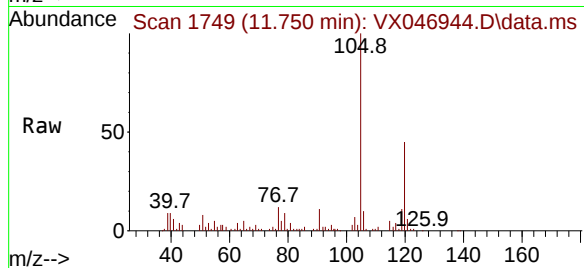
120 45.9 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#85

sec-Butylbenzene

Concen: 2.126 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX046944.D

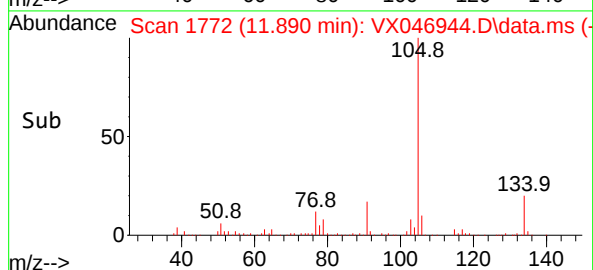
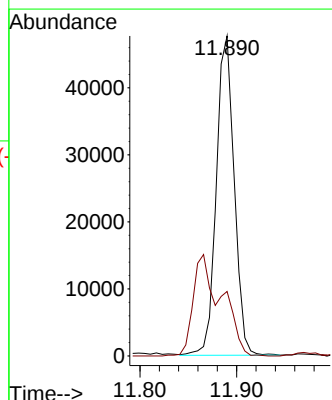
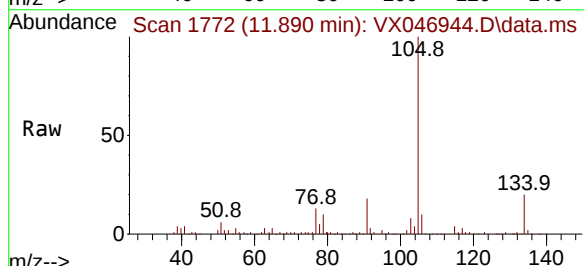
Acq: 10 Jul 2025 15:04

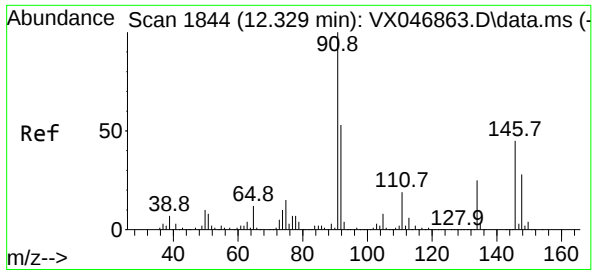
Tgt Ion:105 Resp: 61179

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#





#89

n-Butylbenzene

Concen: 0.631 ug/l m

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX046944.D

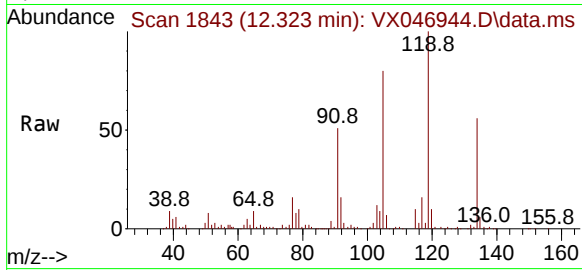
Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202



Tgt Ion: 91 Resp: 14280

Ion Ratio Lower Upper

91 100

92 91.5 27.0 81.0

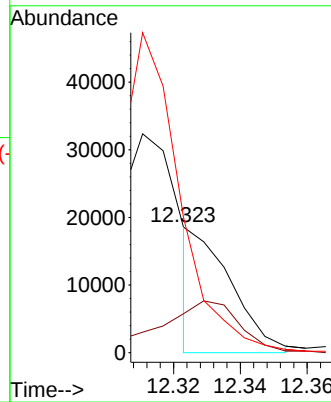
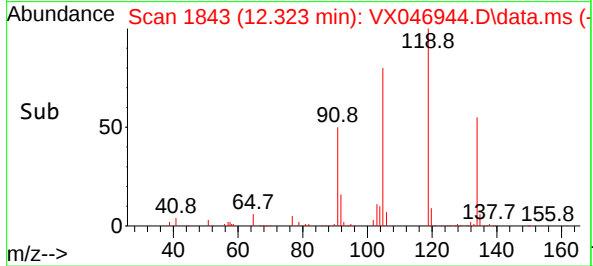
134 413.9 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046944.D
 Acq On : 10 Jul 2025 15:04
 Operator : JC/MD
 Sample : Q2553-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-202

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

Signal : TIC: VX046944.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	25	29	42	rVB3	11480	29544	1.08%	0.114%
2	1.770	105	112	128	rBV	212265	349338	12.74%	1.344%
3	2.361	198	209	220	rBV	81937	188371	6.87%	0.725%
4	2.800	272	281	292	rBV	238346	622395	22.69%	2.395%
5	3.117	324	333	350	rBV	167137	418139	15.24%	1.609%
6	4.062	479	488	500	rBV4	11644	41138	1.50%	0.158%
7	4.227	500	515	525	rVV5	20823	75814	2.76%	0.292%
8	4.446	539	551	564	rBV7	21136	83664	3.05%	0.322%
9	5.147	654	666	681	rBV9	21979	103909	3.79%	0.400%
10	5.397	694	707	723	rBV2	270661	855406	31.19%	3.291%
11	5.562	724	734	743	rBV	424877	1335388	48.68%	5.138%
12	5.861	772	783	792	rBV3	47722	156343	5.70%	0.602%
13	5.964	792	800	816	rVV	288762	802329	29.25%	3.087%
14	6.196	829	838	843	rBV7	14307	48672	1.77%	0.187%
15	6.269	843	850	858	rVV3	29652	87792	3.20%	0.338%
16	6.367	858	866	880	rVB3	62644	188189	6.86%	0.724%
17	6.769	923	932	960	rBV	746324	1971795	71.89%	7.587%
18	6.982	960	967	976	rVB5	18602	49261	1.80%	0.190%
19	7.178	991	999	1010	rBV3	61657	151986	5.54%	0.585%
20	7.367	1021	1030	1041	rVB3	58317	153846	5.61%	0.592%
21	7.507	1044	1053	1058	rBV	21747	48945	1.78%	0.188%
22	7.562	1058	1062	1074	rVB3	23161	52230	1.90%	0.201%
23	7.781	1090	1098	1106	rVB3	38923	85909	3.13%	0.331%
24	8.007	1123	1135	1144	rVB4	23417	86616	3.16%	0.333%
25	8.110	1144	1152	1161	rBV3	40197	90462	3.30%	0.348%
26	8.220	1161	1170	1179	rVB6	16686	43453	1.58%	0.167%
27	8.311	1179	1185	1194	rBV5	48809	119326	4.35%	0.459%
28	8.513	1209	1218	1227	rVB5	32812	82580	3.01%	0.318%
29	8.647	1227	1240	1253	rBV	1593828	2742969	100.00%	10.554%
30	8.775	1255	1261	1265	rBV	29733	47718	1.74%	0.184%
31	8.921	1281	1285	1289	rVB2	20091	30517	1.11%	0.117%
32	8.976	1289	1294	1300	rVB2	66782	111582	4.07%	0.429%
33	9.104	1307	1315	1320	rVV4	61080	119310	4.35%	0.459%
34	9.165	1320	1325	1335	rVB	208205	355664	12.97%	1.368%
35	9.323	1344	1351	1357	rBV5	14558	32679	1.19%	0.126%
36	9.427	1363	1368	1371	rBV	110809	174830	6.37%	0.673%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

37	9.458	1371	1373	1376	rVV	79170	108445	3.95%	0.417%
38	9.500	1376	1380	1389	rVB3	95354	184335	6.72%	0.709%
39	9.659	1400	1406	1415	rVB4	23140	52677	1.92%	0.203%
40	9.762	1417	1423	1431	rBV2	72730	124158	4.53%	0.478%
41	9.939	1444	1452	1455	rBV3	21887	45744	1.67%	0.176%
42	9.976	1455	1458	1462	rVV4	22301	28440	1.04%	0.109%
43	10.055	1465	1471	1477	rVV	1659214	2288244	83.42%	8.804%
44	10.128	1480	1483	1485	rVV	52023	70198	2.56%	0.270%
45	10.159	1485	1488	1493	rVB2	49642	63192	2.30%	0.243%
46	10.275	1502	1507	1517	rVB5	44529	101424	3.70%	0.390%
47	10.457	1532	1537	1547	rVB3	19159	41544	1.51%	0.160%
48	10.585	1547	1558	1565	rBV4	29219	79611	2.90%	0.306%
49	10.774	1583	1589	1592	rBV3	24672	39619	1.44%	0.152%
50	10.866	1598	1604	1610	rBV7	15441	30926	1.13%	0.119%
51	10.963	1615	1620	1624	rBV	169175	235552	8.59%	0.906%
52	11.079	1634	1639	1644	rBV	1410543	1785701	65.10%	6.871%
53	11.122	1644	1646	1653	rVB4	39699	53379	1.95%	0.205%
54	11.305	1671	1676	1685	rVB	216553	280073	10.21%	1.078%
55	11.616	1722	1727	1734	rVB2	27670	44480	1.62%	0.171%
56	11.713	1738	1743	1745	rBV2	24203	29817	1.09%	0.115%
57	11.750	1745	1749	1754	rVB	48690	67080	2.45%	0.258%
58	11.860	1762	1767	1770	rBV	160453	229313	8.36%	0.882%
59	11.890	1770	1772	1777	rVB	117672	125623	4.58%	0.483%
60	12.018	1788	1793	1802	rBV	1935166	2332730	85.04%	8.975%
61	12.177	1815	1819	1825	rVB	77099	98597	3.59%	0.379%
62	12.244	1825	1830	1837	rBV	583891	719008	26.21%	2.766%
63	12.311	1837	1841	1849	rVB	465105	604972	22.06%	2.328%
64	12.402	1851	1856	1863	rBV	190031	230680	8.41%	0.888%
65	12.530	1871	1877	1879	rBV2	24218	33362	1.22%	0.128%
66	12.609	1884	1890	1894	rVV2	47229	76231	2.78%	0.293%
67	12.658	1894	1898	1900	rVV3	23924	36235	1.32%	0.139%
68	12.695	1900	1904	1911	rVV	346436	499998	18.23%	1.924%
69	12.756	1911	1914	1919	rVB	55729	67834	2.47%	0.261%
70	12.835	1919	1927	1933	rVB2	130290	204503	7.46%	0.787%
71	12.920	1933	1941	1945	rBV	652559	873905	31.86%	3.362%
72	12.963	1945	1948	1954	rVV3	49171	83586	3.05%	0.322%
73	13.030	1954	1959	1964	rVB3	138938	216502	7.89%	0.833%
74	13.134	1966	1976	1980	rBV2	218301	345077	12.58%	1.328%
75	13.189	1982	1985	1991	rVB	127141	167442	6.10%	0.644%
76	13.292	1998	2002	2006	rBV2	41703	55166	2.01%	0.212%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046944.D
 Acq On : 10 Jul 2025 15:04
 Operator : JC/MD
 Sample : Q2553-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-202

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

77	13.341	2006	2010	2018	rVV3	78927	127688	4.66%	0.491%
78	13.426	2020	2024	2029	rVB4	29544	44504	1.62%	0.171%
79	13.512	2033	2038	2040	rBV5	18862	30808	1.12%	0.119%
80	13.542	2040	2043	2046	rVV	94355	132448	4.83%	0.510%
81	13.573	2046	2048	2052	rVV	112803	146609	5.34%	0.564%
82	13.615	2052	2055	2061	rVV	102226	148839	5.43%	0.573%
83	13.750	2071	2077	2080	rBV2	28485	38984	1.42%	0.150%
84	13.792	2080	2084	2090	rVV4	23345	50758	1.85%	0.195%
85	13.853	2090	2094	2098	rVB	58618	79461	2.90%	0.306%
86	13.926	2098	2106	2110	rBV2	65120	105178	3.83%	0.405%
87	13.969	2110	2113	2118	rVB2	26725	33077	1.21%	0.127%
88	14.219	2149	2154	2162	rBV3	32160	66218	2.41%	0.255%
89	14.316	2166	2170	2177	rVV2	87256	143048	5.22%	0.550%
90	14.597	2210	2216	2220	rBV2	47764	78216	2.85%	0.301%
91	14.780	2241	2246	2256	rVB3	42243	71490	2.61%	0.275%

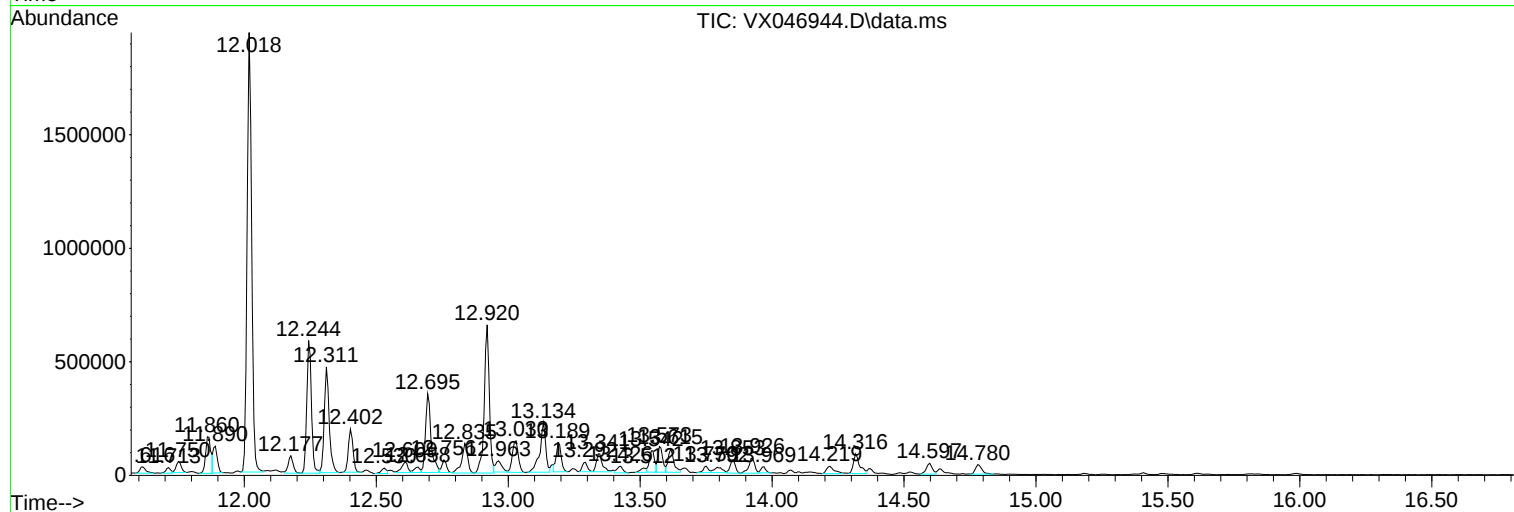
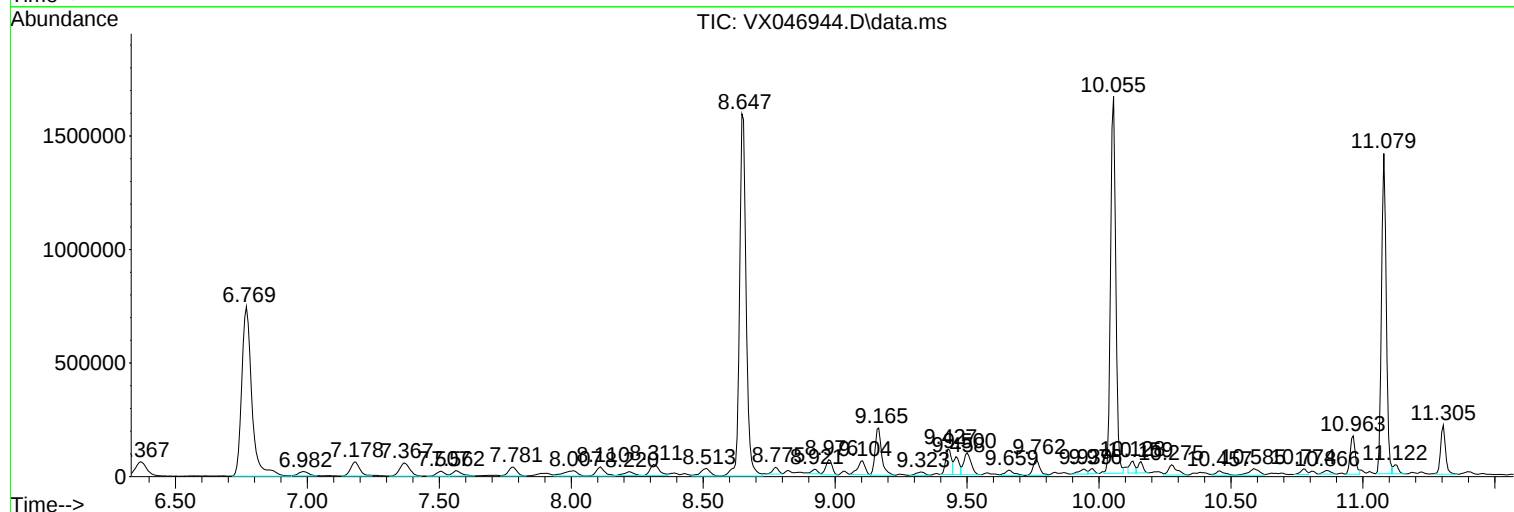
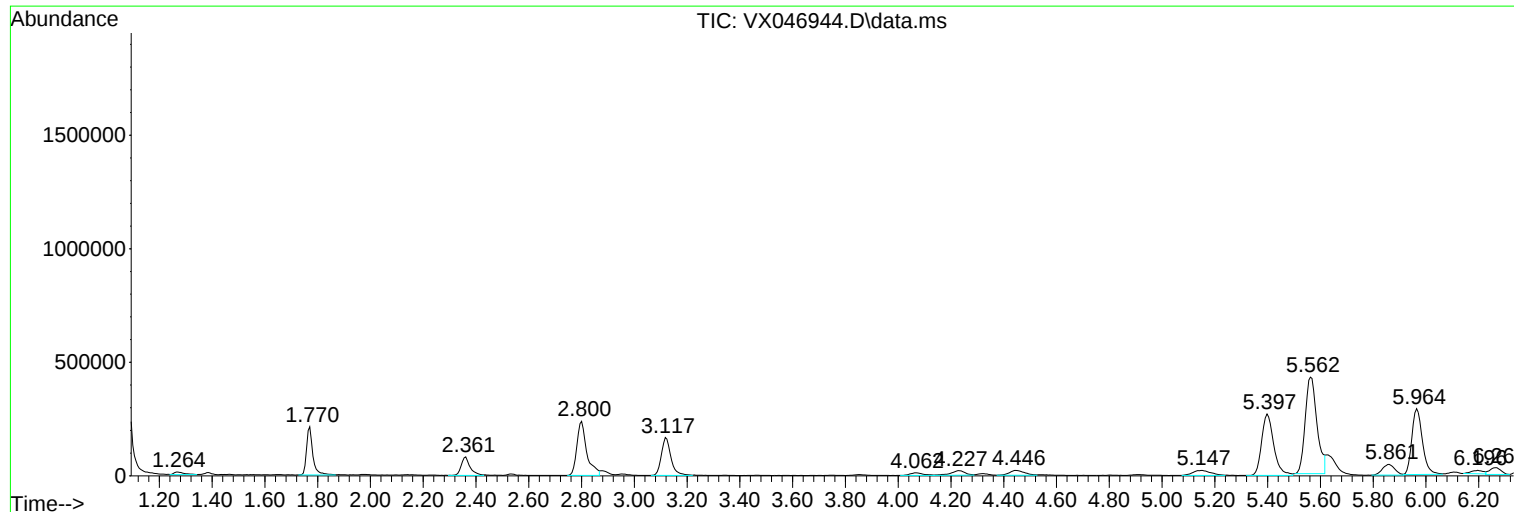
Sum of corrected areas: 25990838

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

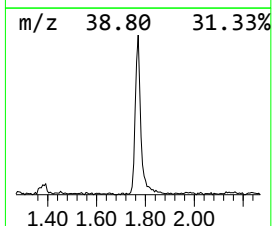
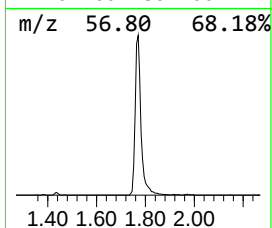
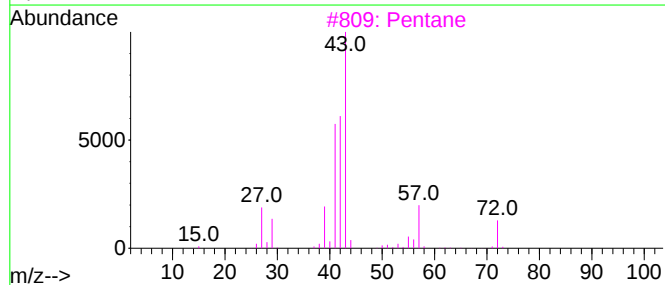
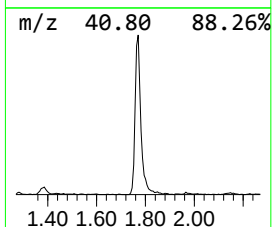
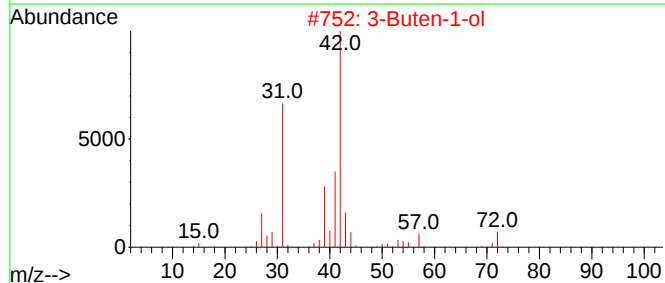
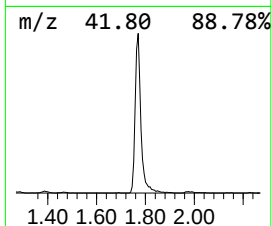
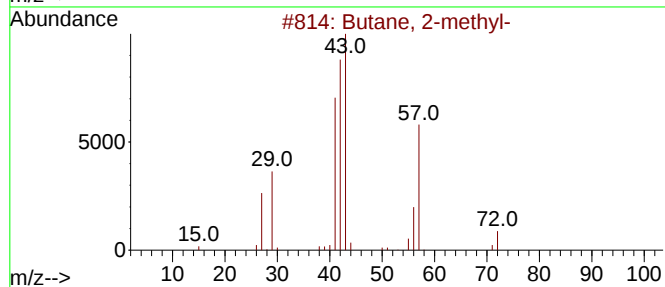
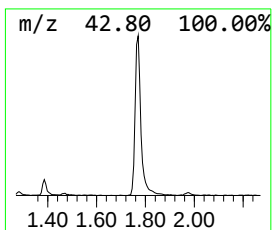
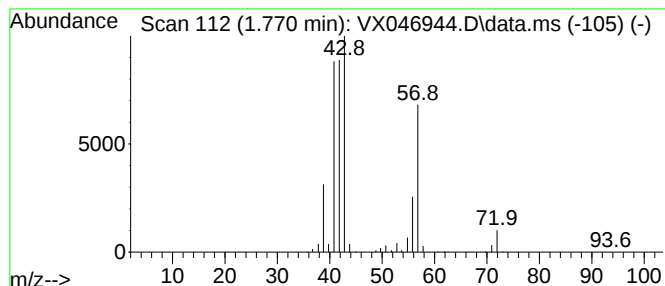
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	13.08 ug/l	349338	Pentafluorobenzene	5.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		3-Buten-1-ol	72	C4H8O	000627-27-0	47
3		Pentane	72	C5H12	000109-66-0	33
4		2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	23
5		1-Butene	56	C4H8	000106-98-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

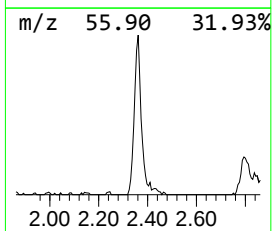
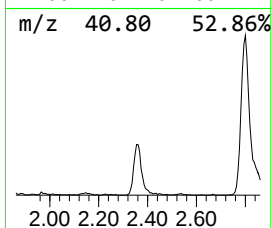
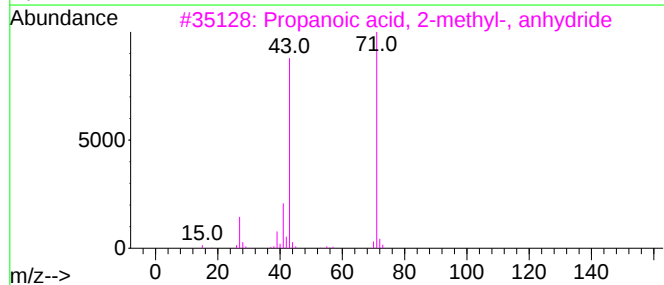
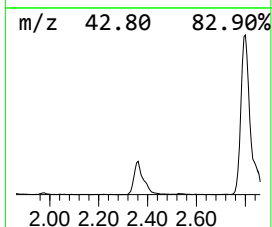
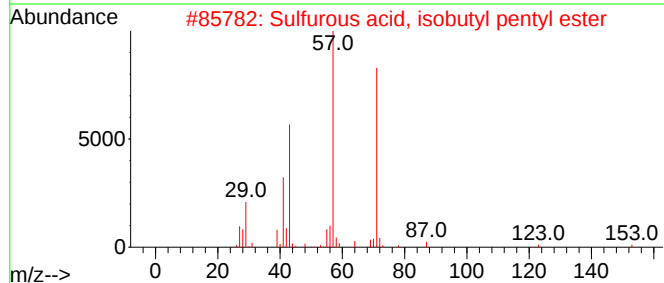
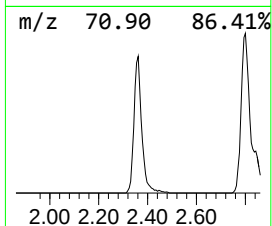
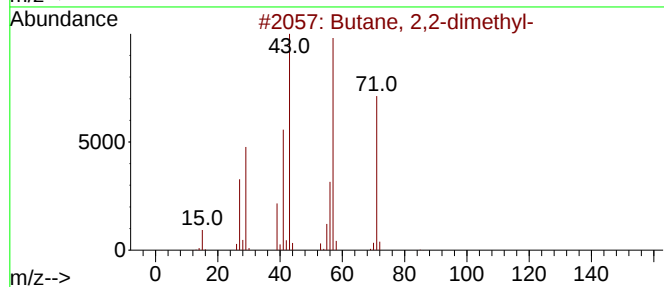
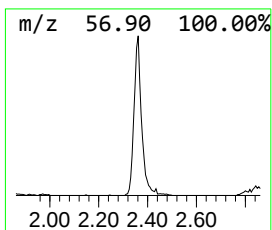
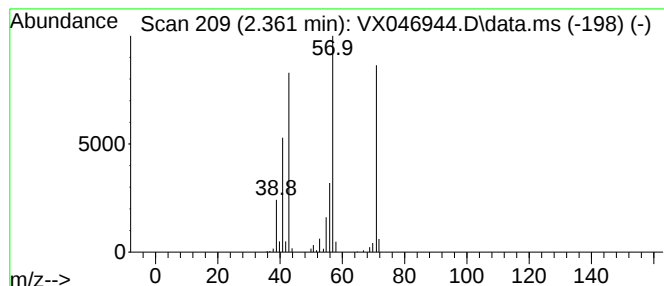
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Quant Title : SW846 8260

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

Peak Number 2 Butane, 2,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.361	7.05 ug/l	188371	Pentafluorobenzene	5.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	83
2			Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	64
3			Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	40
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	33
5			Oxirane, propyl-	86	C5H10O	001003-14-1	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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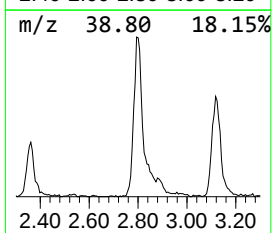
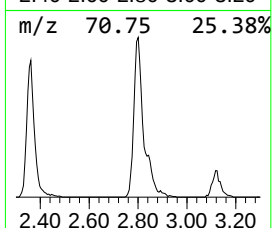
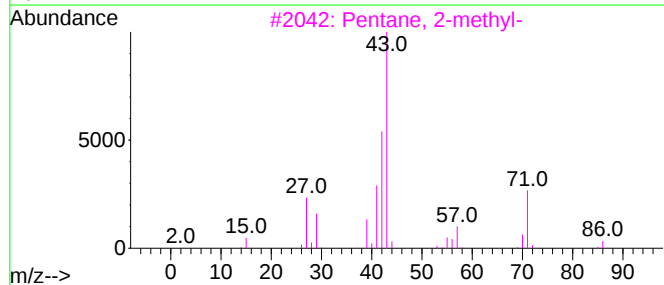
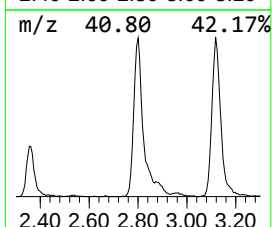
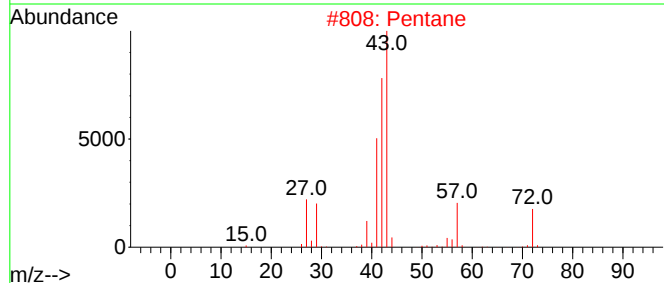
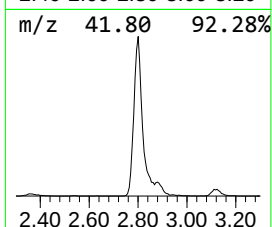
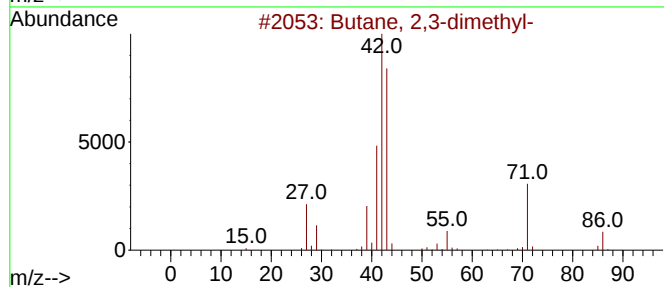
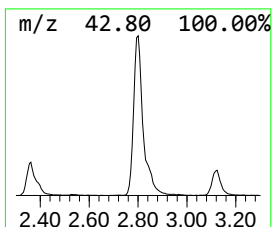
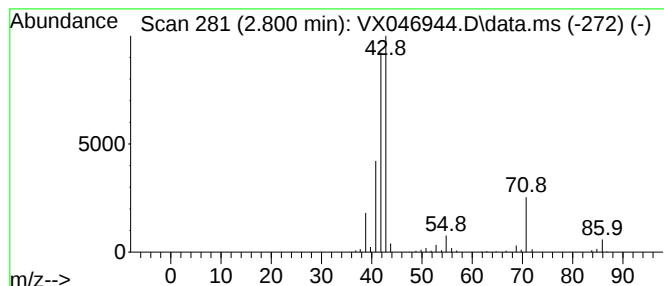
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Quant Title : SW846 8260

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

Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.800	23.30 ug/l	622395	Pentafluorobenzene	5.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2			Pentane	72	C5H12	000109-66-0	45
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	40
4			Tetrahydrofuran	72	C4H8O	000109-99-9	38
5			Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

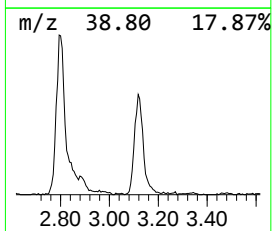
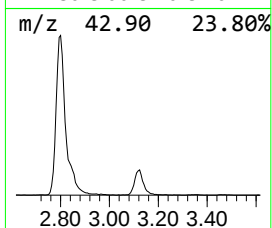
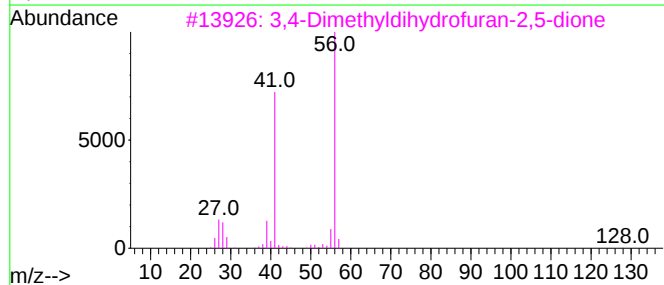
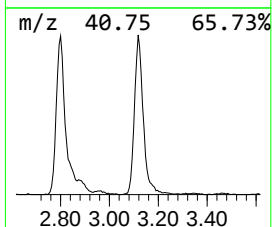
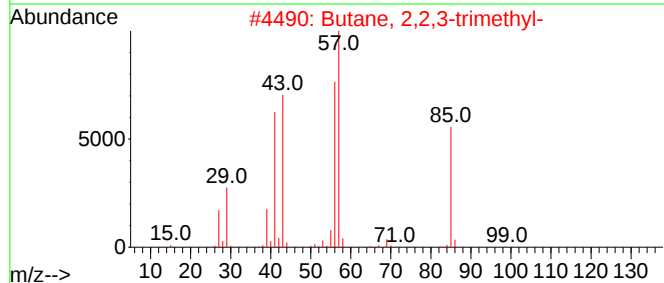
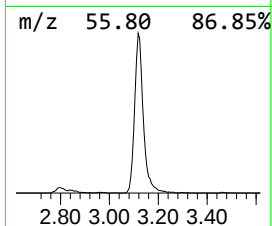
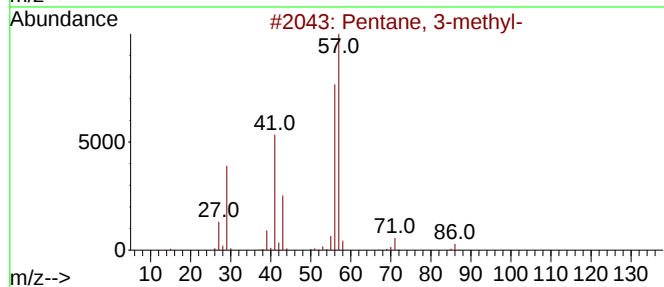
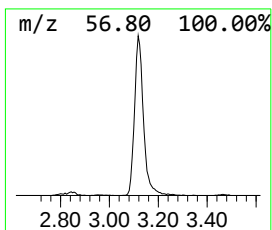
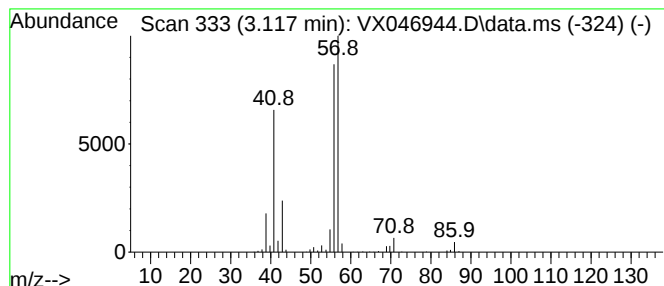
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Quant Title : SW846 8260

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

Peak Number 4 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	15.66 ug/l	418139	Pentafluorobenzene	5.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3			3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53
4			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50
5			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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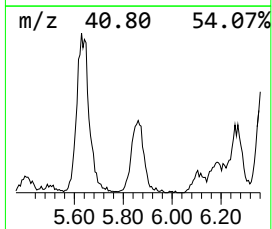
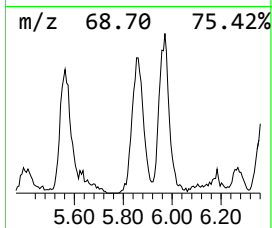
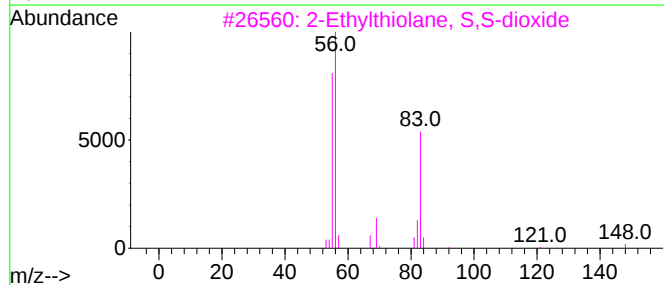
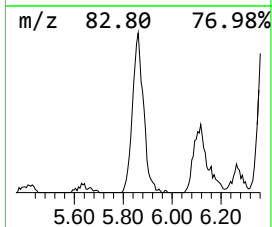
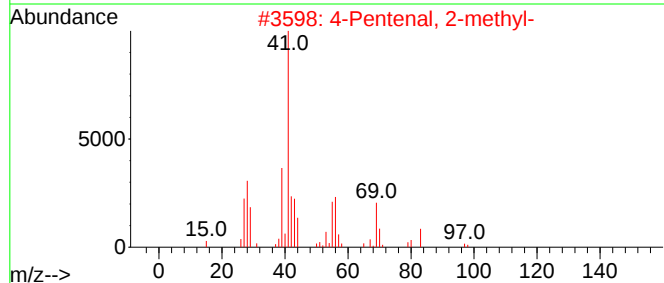
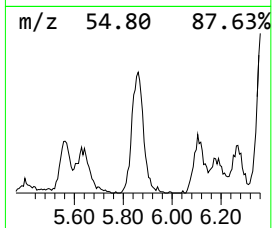
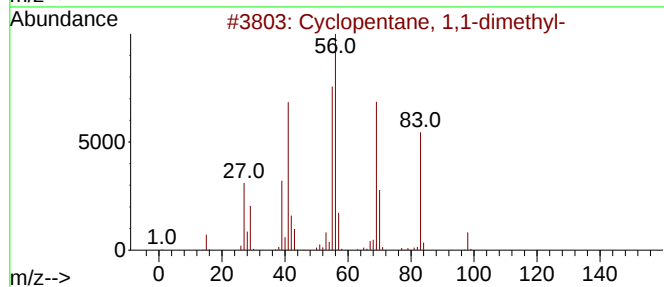
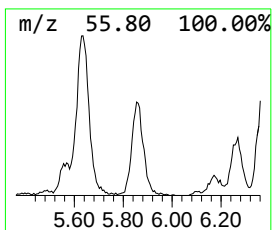
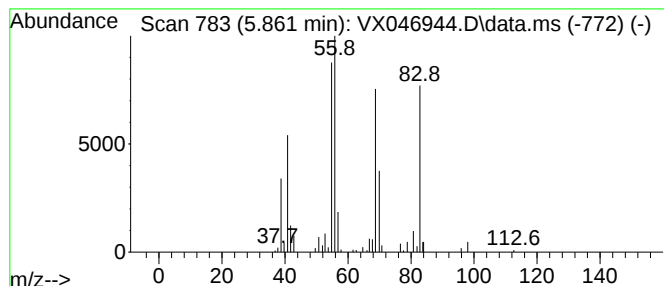
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1,1-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.861	5.85 ug/l	156343	Pentafluorobenzene	5.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	78
2			4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	53
3			2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	50
4			2-Heptene	98	C7H14	000592-77-8	50
5			1-Heptene, 6-methyl-	112	C8H16	005026-76-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

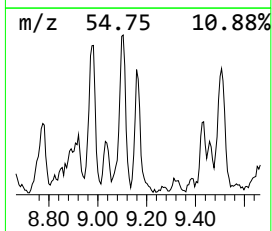
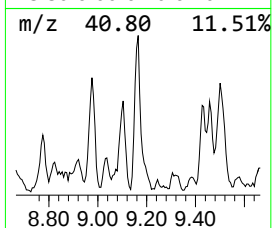
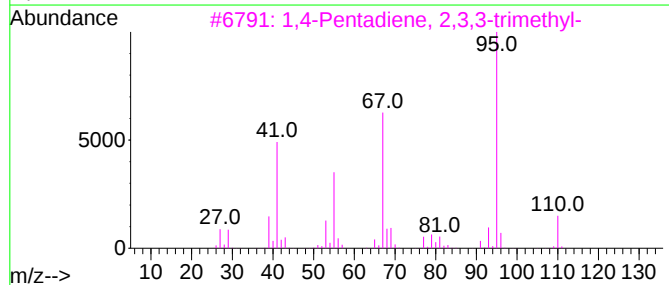
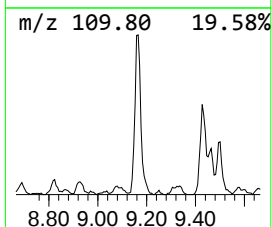
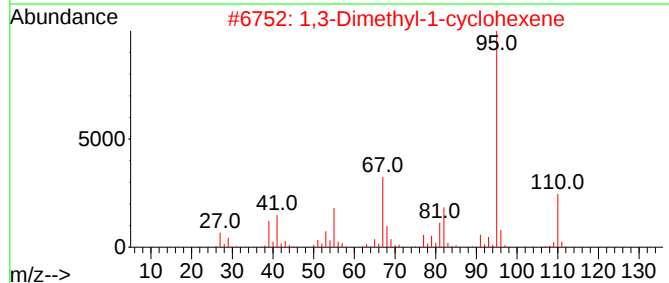
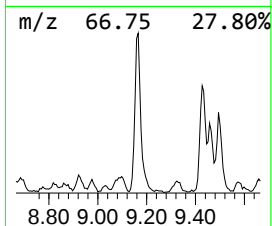
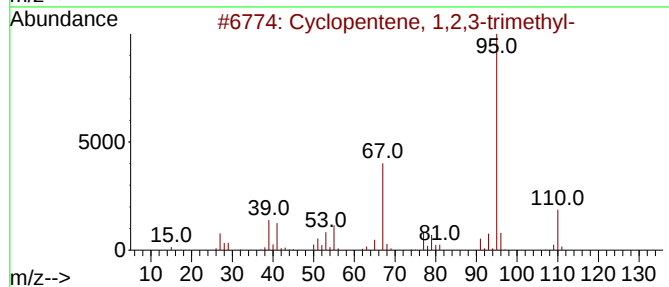
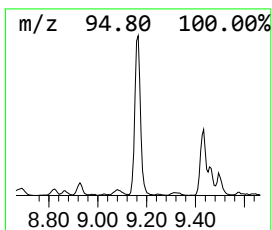
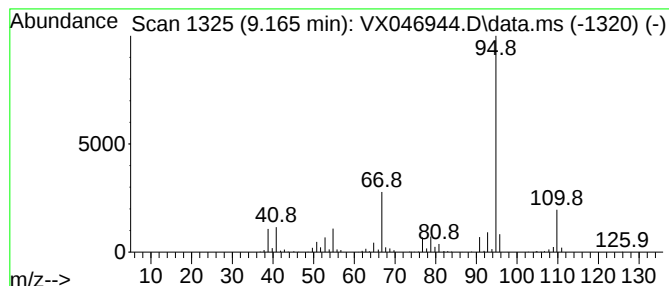
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.165	7.77 ug/l	355664	Chlorobenzene-d5	10.055	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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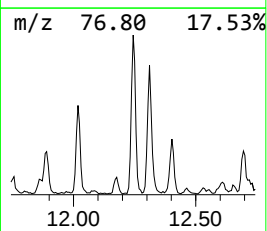
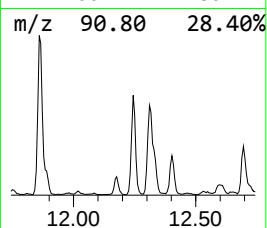
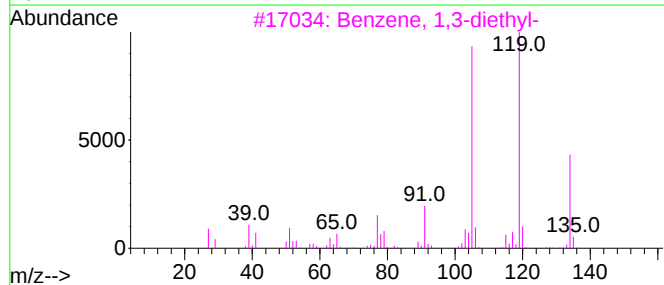
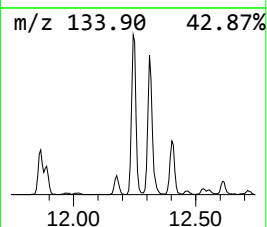
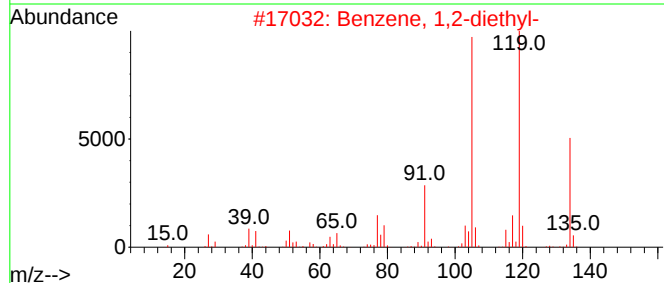
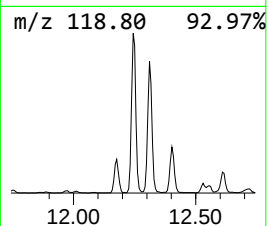
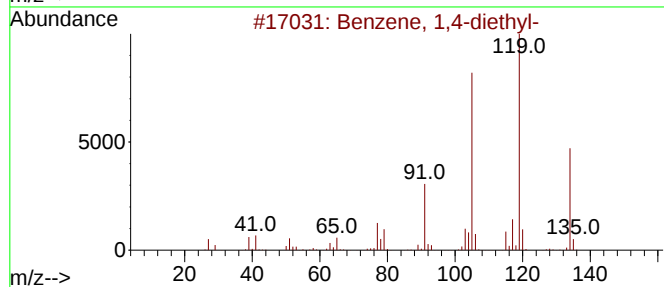
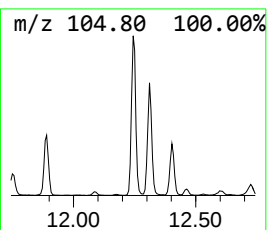
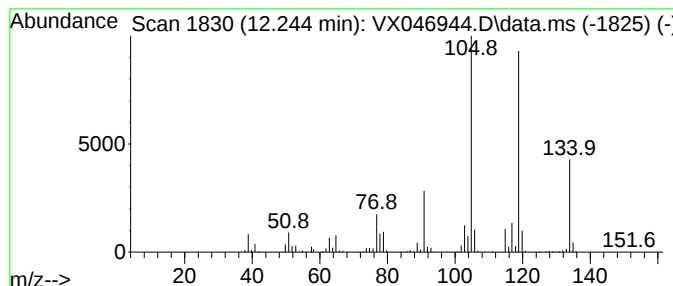
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	15.41 ug/l	719008	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AOC-202

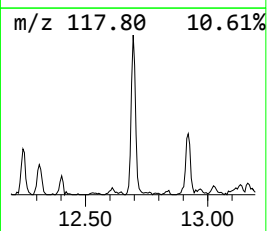
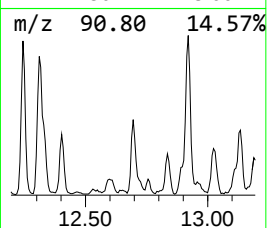
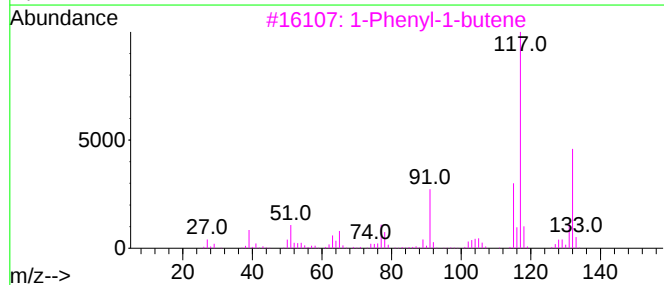
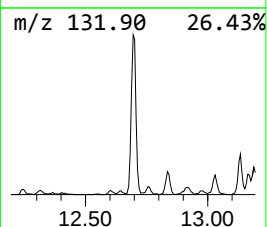
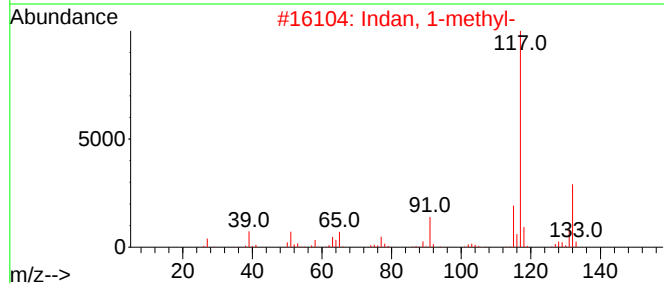
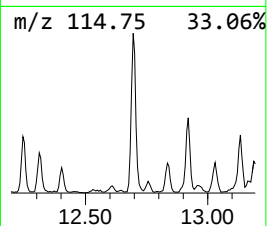
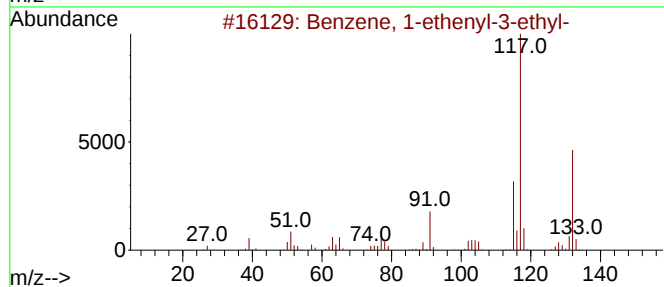
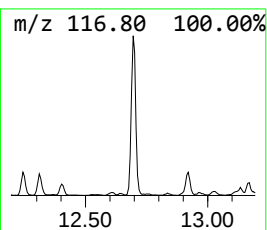
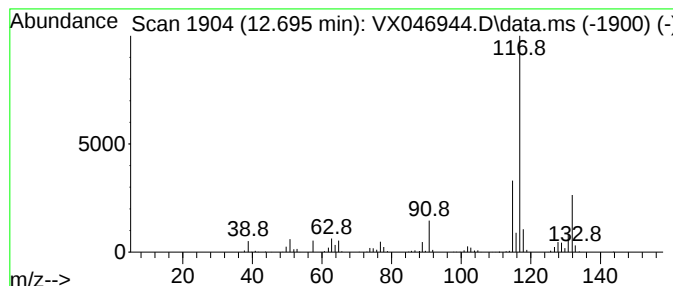
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	10.72 ug/l	499998	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	90
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

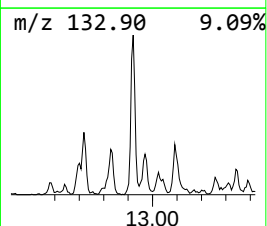
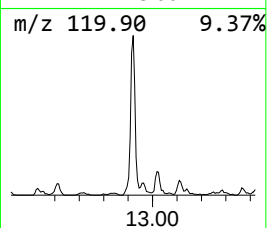
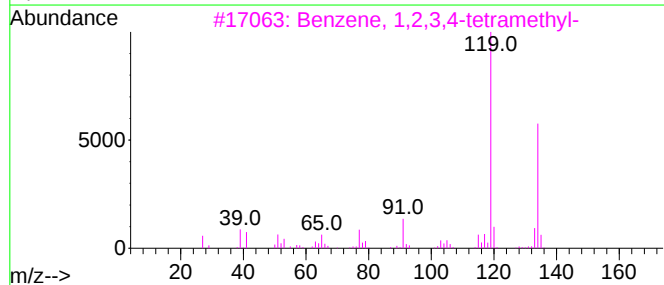
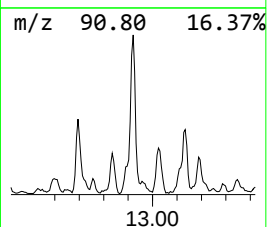
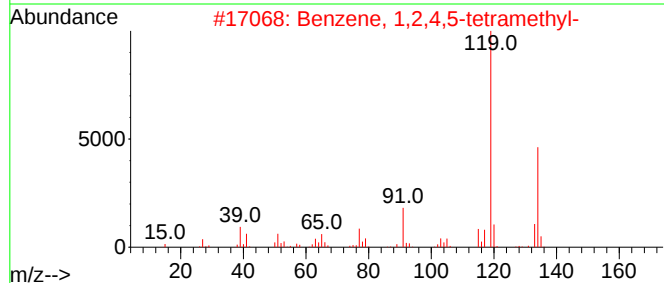
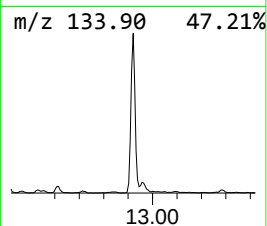
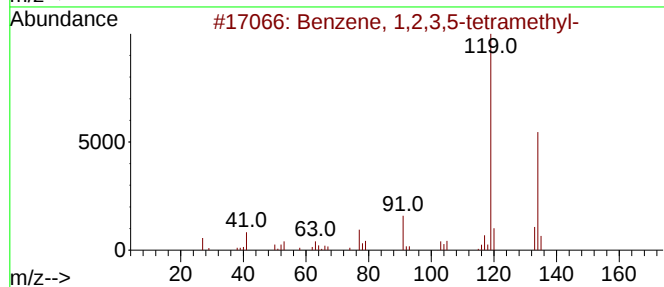
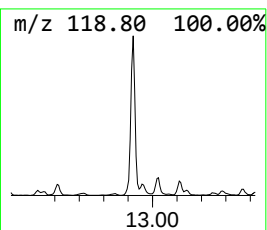
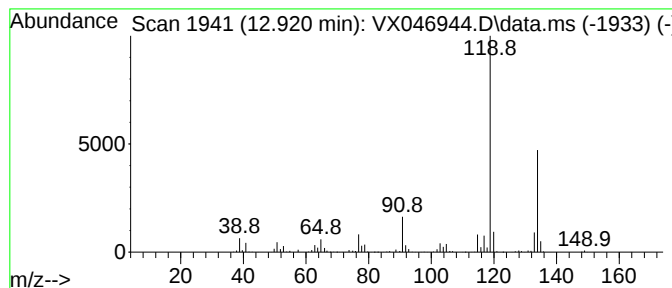
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	18.73 ug/l	873905	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

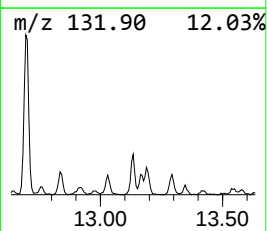
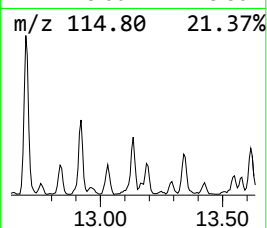
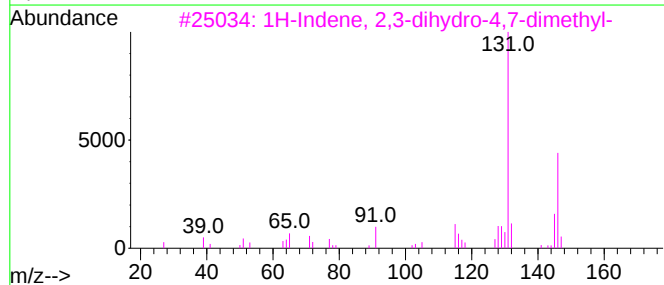
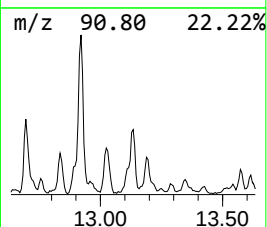
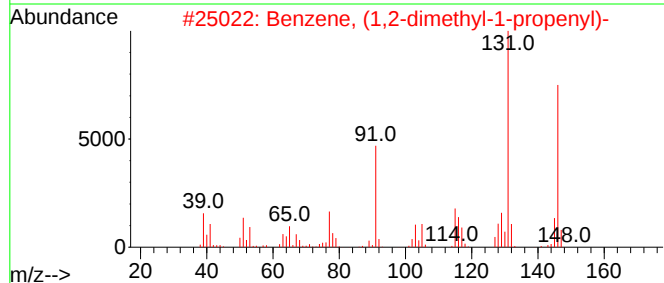
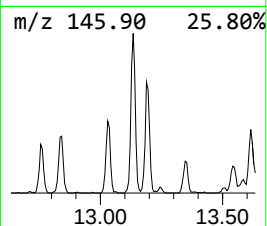
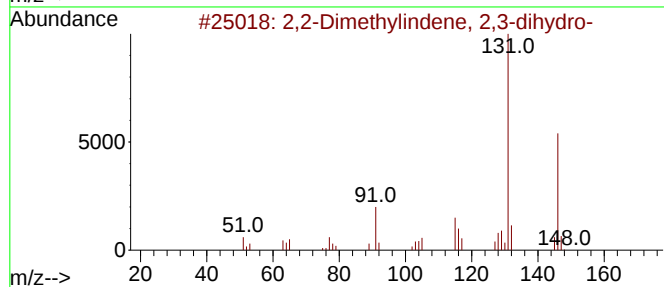
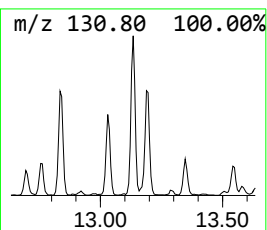
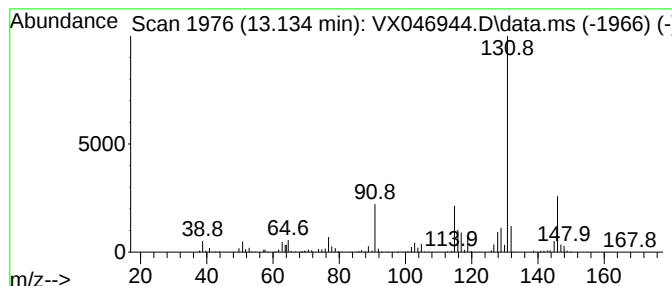
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Quant Title : SW846 8260

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

Peak Number 10 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.134	7.40 ug/l	345077	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	1.770	13.1	ug/l	349338	1	5.568	1335390	50.0
Butane, 2,2-dim...	2.361	7.0	ug/l	188371	1	5.568	1335390	50.0
Butane, 2,3-dim...	2.800	23.3	ug/l	622395	1	5.568	1335390	50.0
Pentane, 3-methyl-	3.117	15.7	ug/l	418139	1	5.568	1335390	50.0
Cyclopentane, 1...	5.861	5.8	ug/l	156343	1	5.568	1335390	50.0
Cyclopentene, 1...	9.165	7.8	ug/l	355664	3	10.055	2288240	50.0
Benzene, 1,4-di...	12.244	15.4	ug/l	719008	4	12.018	2332730	50.0
Benzene, 1-ethe...	12.695	10.7	ug/l	499998	4	12.018	2332730	50.0
Benzene, 1,2,3,...	12.920	18.7	ug/l	873905	4	12.018	2332730	50.0
2,2-Dimethylind...	13.134	7.4	ug/l	345077	4	12.018	2332730	50.0

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	55.7		1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	57.8		0.16	5.00	ug/L
71-43-2	Benzene	3.30	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	0.40	J	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

[illegible]

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	87.8	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	64.3	J		3.12	ug/L
000096-37-7	Cyclopentane, methyl-	94.3	J		4.32	ug/L
103-65-1	n-propylbenzene	250	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	86.6	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	100	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	95.7	J		11.6	ug/L
98-06-6	tert-Butylbenzene	1.00	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	160	J		11.8	ug/L
135-98-8	sec-Butylbenzene	17.6	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.90	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	260	J		12.1	ug/L
000496-11-7	Indane	370	J		12.2	ug/L
104-51-8	n-Butylbenzene	25.4	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	190	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	130	J		12.7	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	130	J		12.9	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	90.6	J		13.2	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	220	J		13.3	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046945.D
 Acq On : 10 Jul 2025 15:26
 Operator : JC/MD
 Sample : Q2553-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:31:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	394931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	673452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	623779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	259762	49.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.397	113	218856	47.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.653	98	804116	49.856	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.079	95	310029	50.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.160%		
Target Compounds					Qvalue	
31) Cyclohexane	5.489	56	415511	55.714	ug/l #	95
39) Methylcyclohexane	7.385	83	445744	57.774	ug/l	95
40) Benzene	6.056	78	62304	3.340	ug/l	91
52) Toluene	8.732	92	4574	0.396	ug/l	100
67) Ethyl Benzene	10.195	91	3195246	138.347	ug/l	97
68) m/p-Xylenes	10.299	106	56792	6.526	ug/l	97
73) Isopropylbenzene	10.964	105	2130123	101.825	ug/l	100
78) n-propylbenzene	11.305	91	6327167	250.832	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1726987	101.599	ug/l	100
83) tert-Butylbenzene	11.713	119	18026	1.027	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	2772389	161.364	ug/l	98
85) sec-Butylbenzene	11.890	105	389810	17.611	ug/l	95
86) p-Isopropyltoluene	12.006	119	54330	2.931	ug/l #	76
89) n-Butylbenzene	12.329	91	442426m	25.402	ug/l	

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

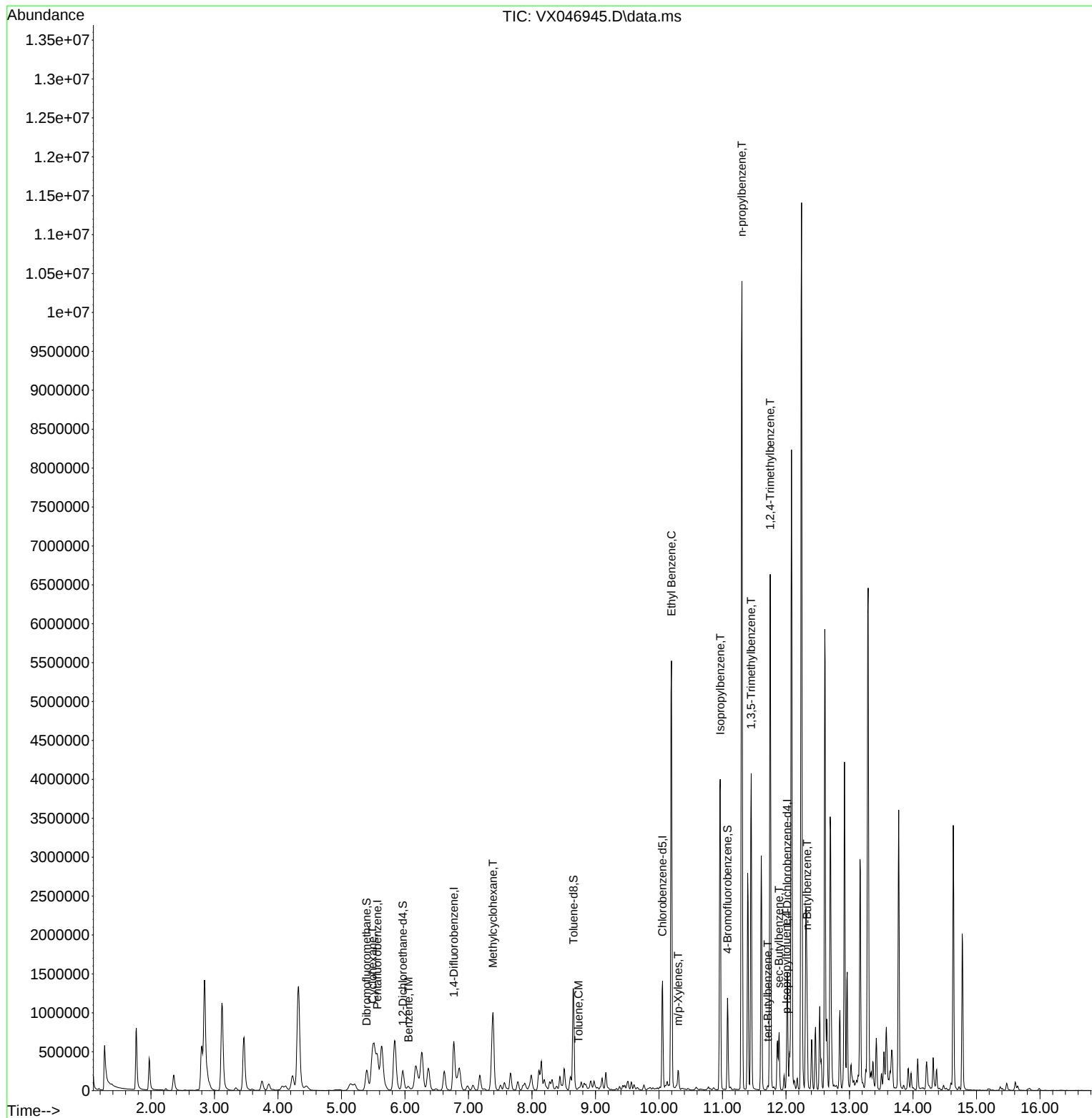
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Data File : VX046945.D
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Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

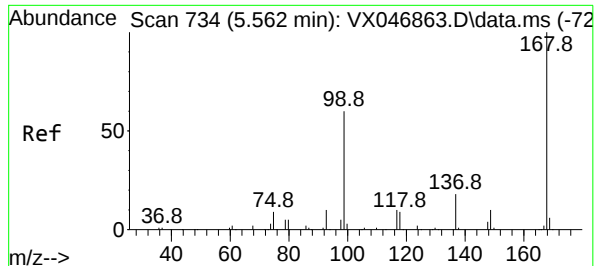
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025

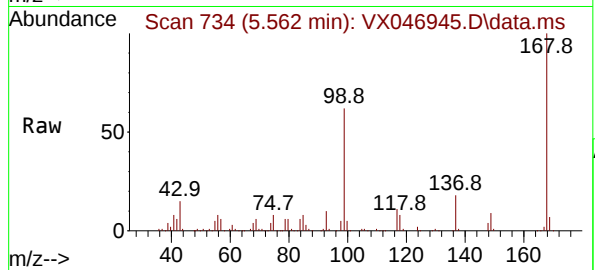
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

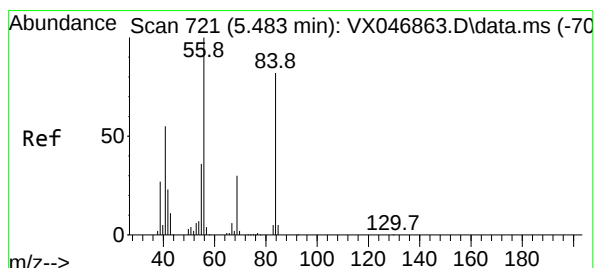
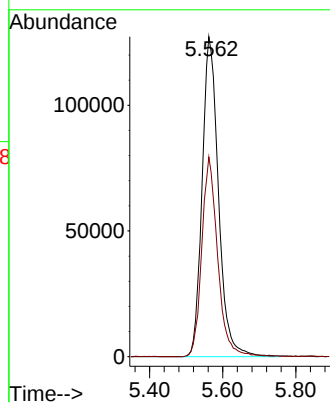
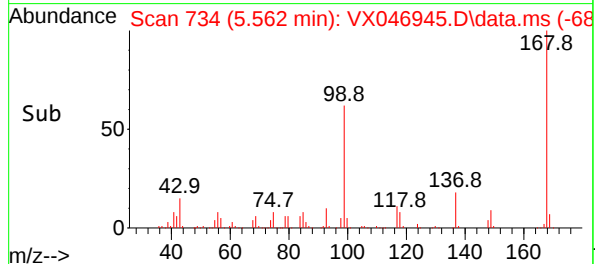
Instrument :
MSVOA_X
ClientSampleId :
AOC-203



Tgt Ion:168 Resp: 39493
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2

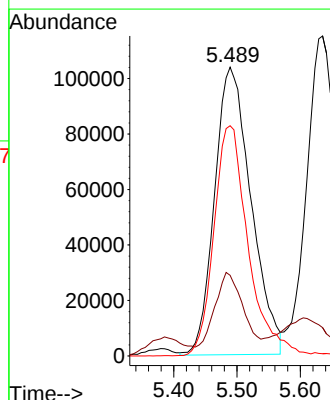
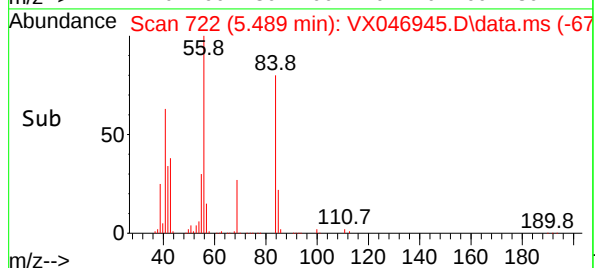
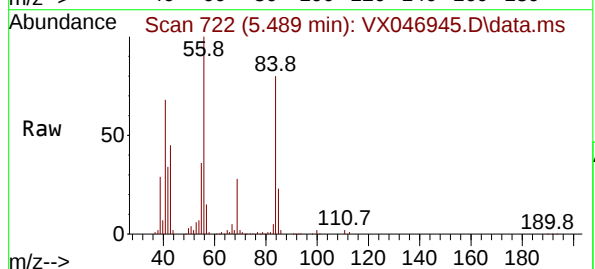
Manual Integrations
APPROVED

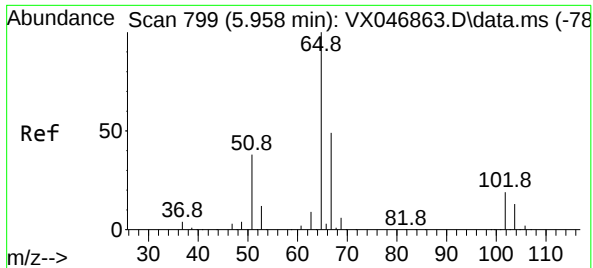
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#31
Cyclohexane
Concen: 55.714 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 56 Resp: 415511
Ion Ratio Lower Upper
56 100
69 23.8 24.0 36.0#
84 80.5 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 49.787 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203

Tgt Ion: 65 Resp: 259762

Ion Ratio Lower Upper

65 100

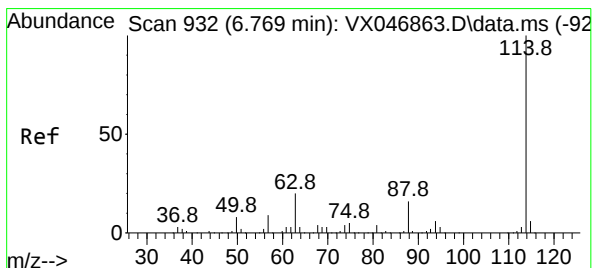
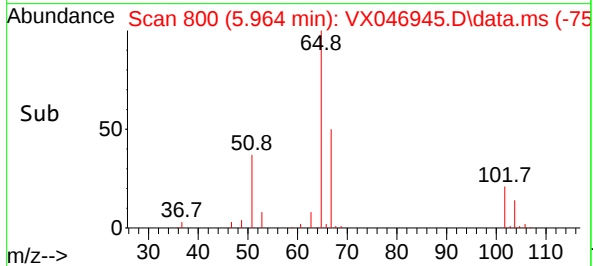
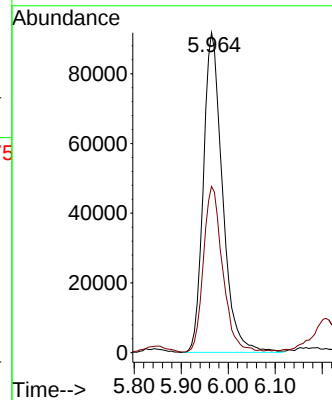
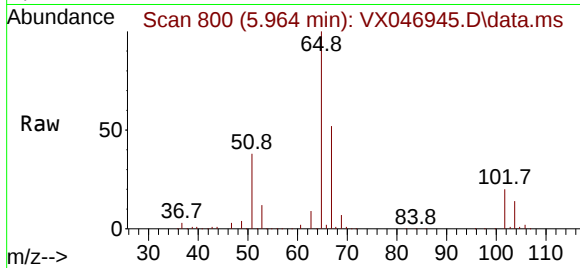
67 51.9 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

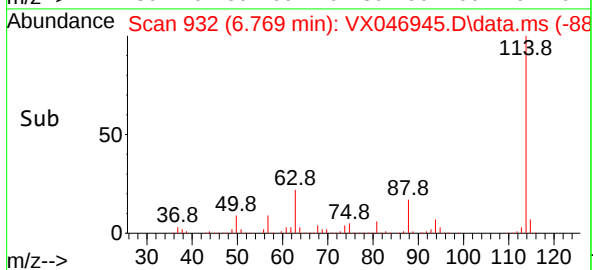
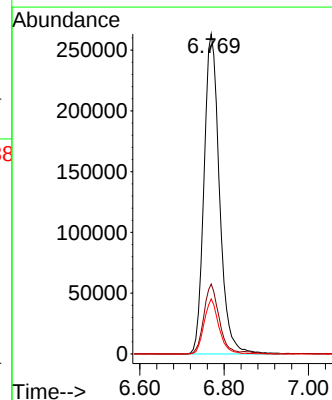
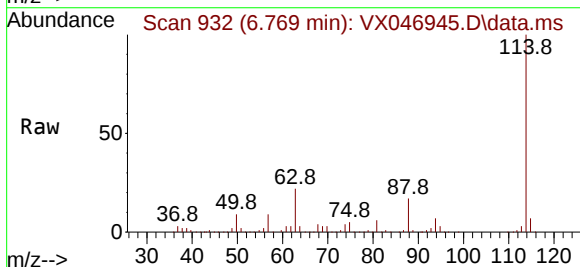
Tgt Ion:114 Resp: 673452

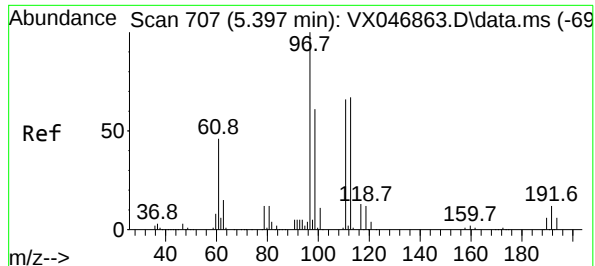
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

88 17.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.875 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX046945.D

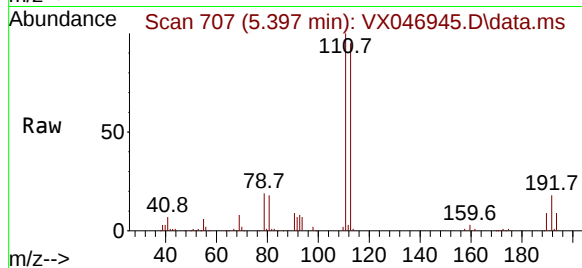
Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203



Tgt Ion:113 Resp: 218850

Ion Ratio Lower Upper

113 100

111 103.5 81.2 121.8

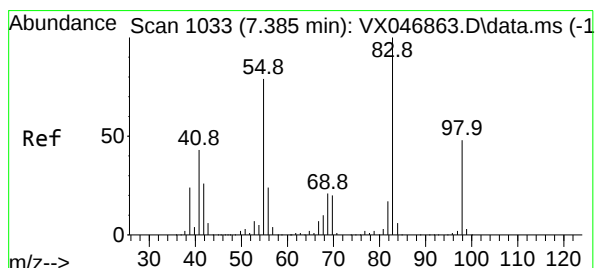
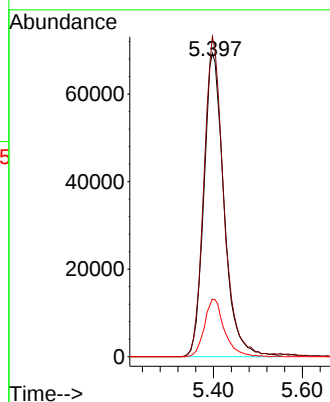
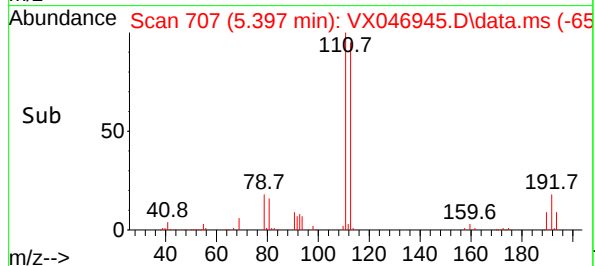
192 18.7 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#39

Methylcyclohexane

Concen: 57.774 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

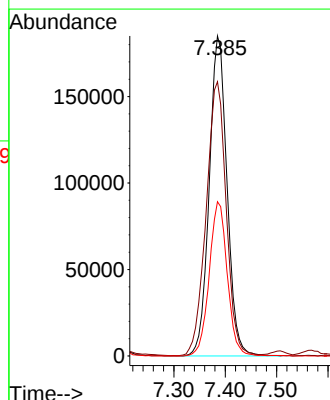
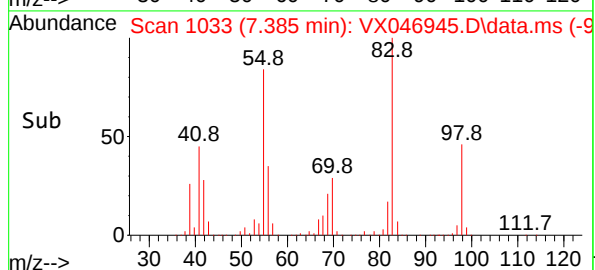
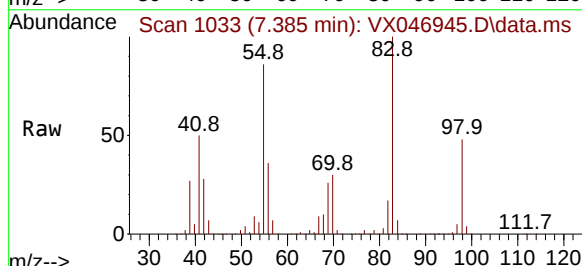
Tgt Ion: 83 Resp: 445744

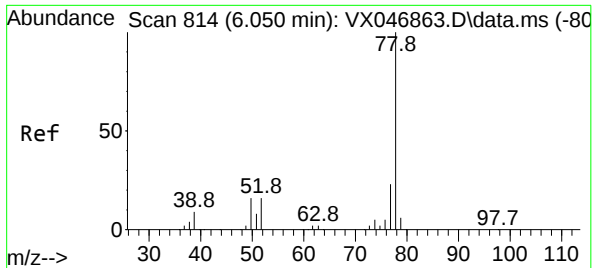
Ion Ratio Lower Upper

83 100

55 85.4 63.0 94.4

98 48.2 38.5 57.7





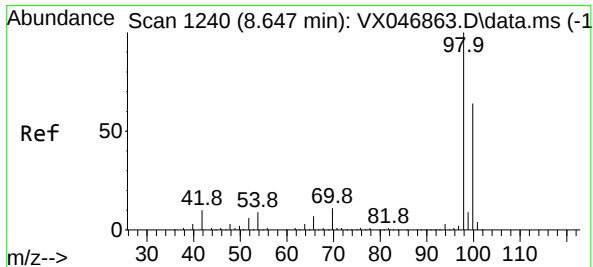
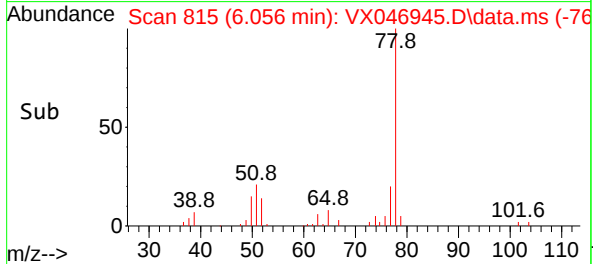
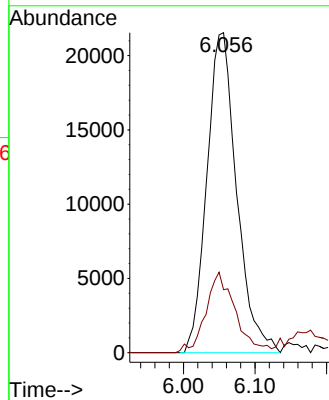
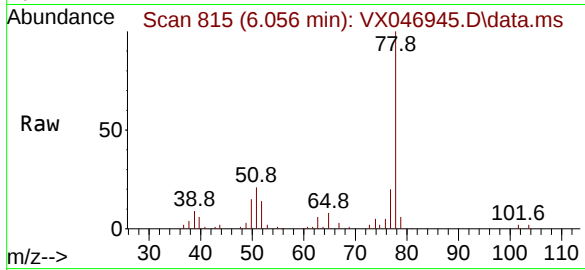
#40
Benzene
Concen: 3.340 ug/l
RT: 6.056 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Tgt Ion: 78 Resp: 62304
Ion Ratio Lower Upper
78 100
77 19.0 18.7 28.1

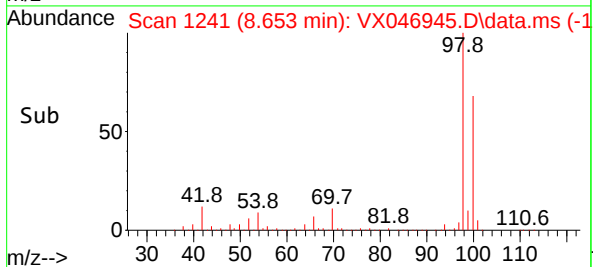
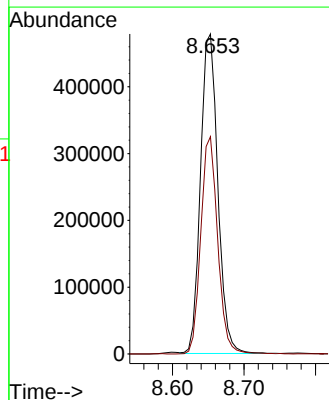
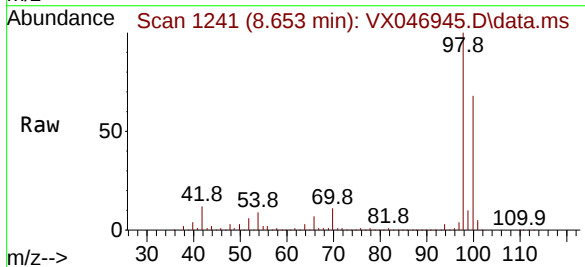
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APPROVED

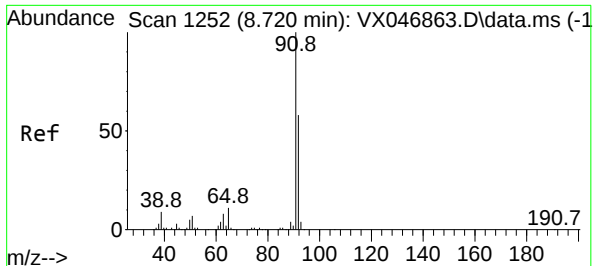
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 49.856 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 98 Resp: 804116
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6





#52

Toluene

Concen: 0.396 ug/l

RT: 8.732 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203

Tgt Ion: 92 Resp: 4574

Ion Ratio Lower Upper

92 100

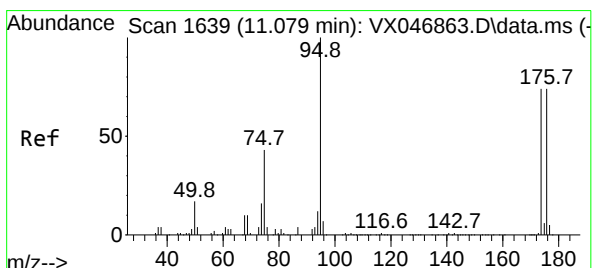
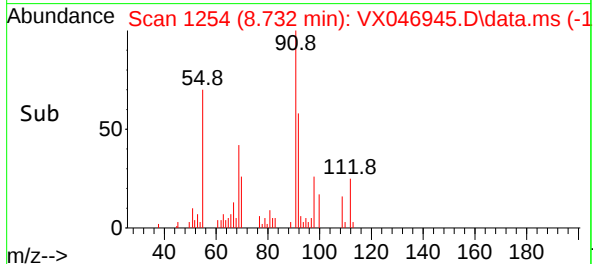
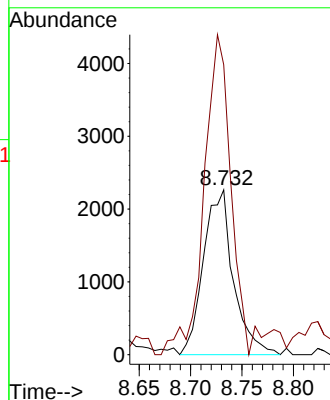
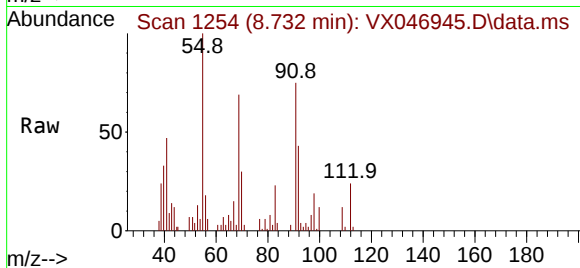
91 172.5 137.9 206.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#62

4-Bromofluorobenzene

Concen: 50.576 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

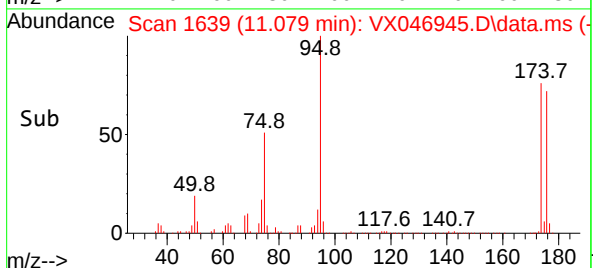
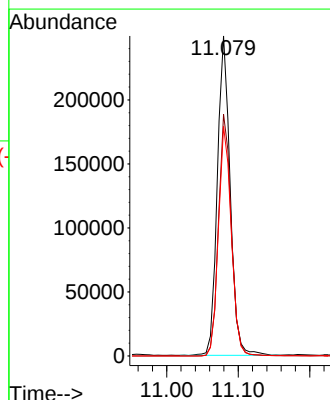
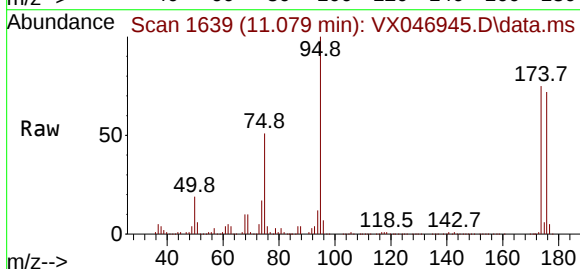
Tgt Ion: 95 Resp: 310029

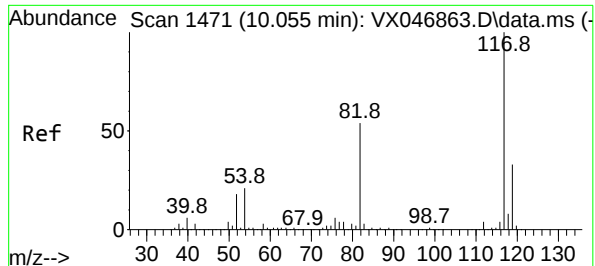
Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.0

176 72.4 0.0 145.2





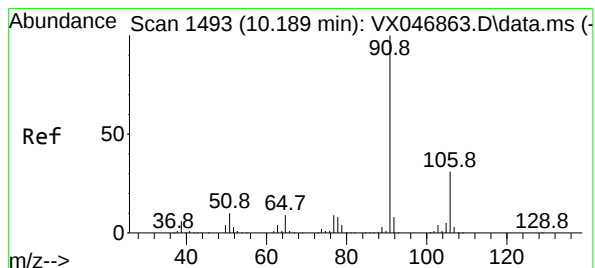
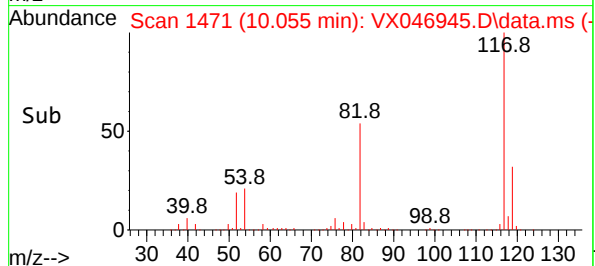
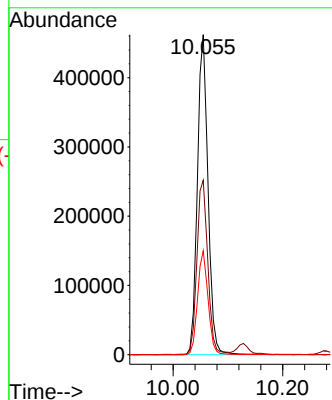
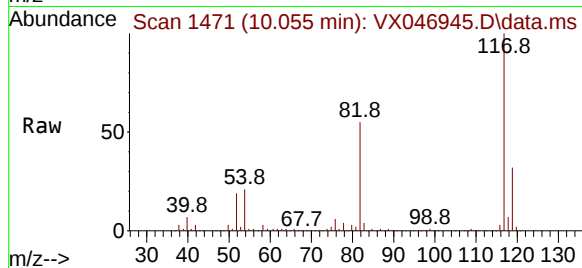
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Tgt Ion:117 Resp: 623779
Ion Ratio Lower Upper
117 100
82 54.4 43.3 64.9
119 32.5 26.4 39.6

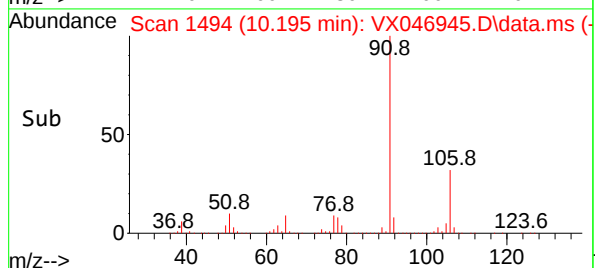
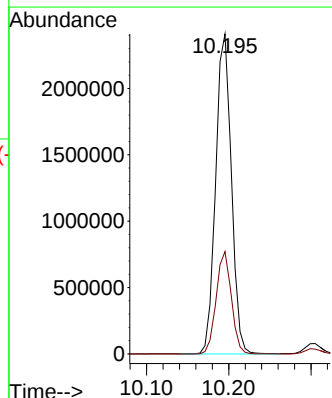
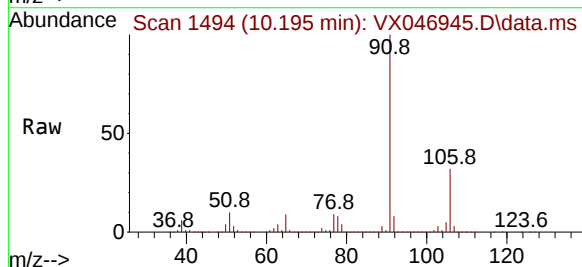
Manual Integrations
APPROVED

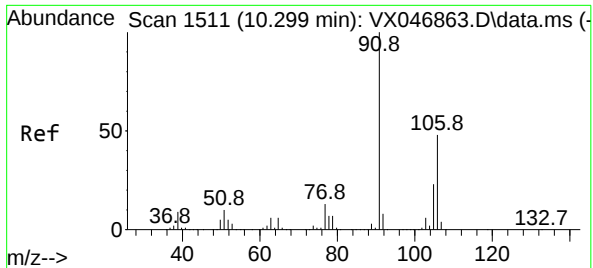
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#67
Ethyl Benzene
Concen: 138.347 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

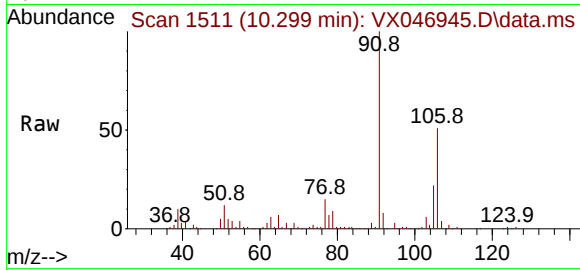
Tgt Ion: 91 Resp: 3195246
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6





#68
m/p-Xylenes
Concen: 6.526 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

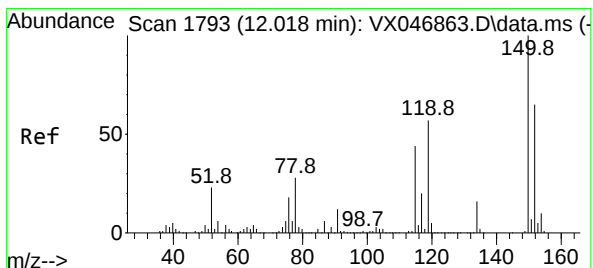
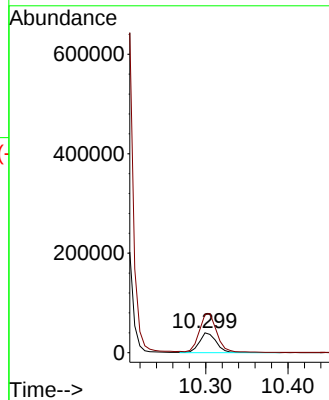
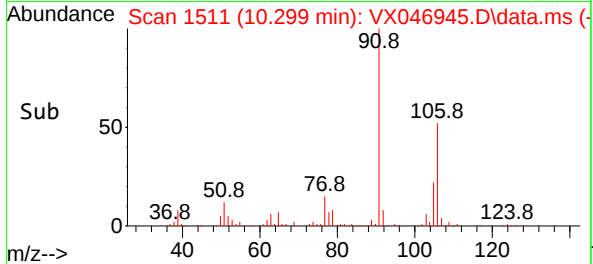
Instrument :
MSVOA_X
ClientSampleId :
AOC-203



Tgt Ion:106 Resp: 56792
Ion Ratio Lower Upper
106 100
91 201.2 164.6 246.8

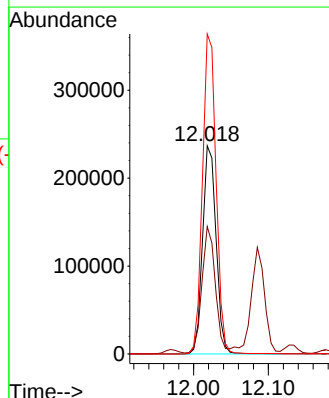
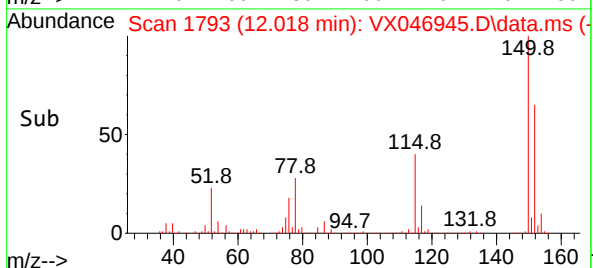
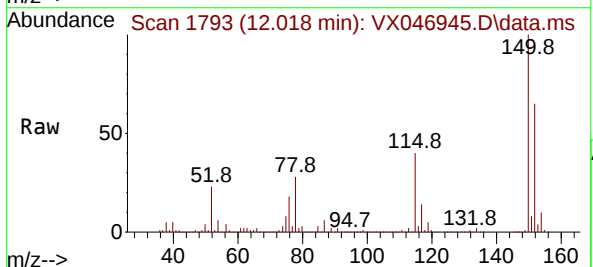
Manual Integrations
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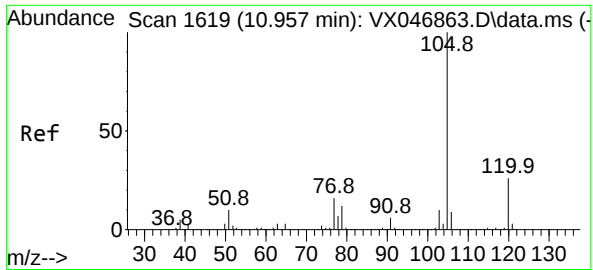
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:152 Resp: 297586
Ion Ratio Lower Upper
152 100
115 59.9 42.4 127.1
150 154.3 0.0 349.2





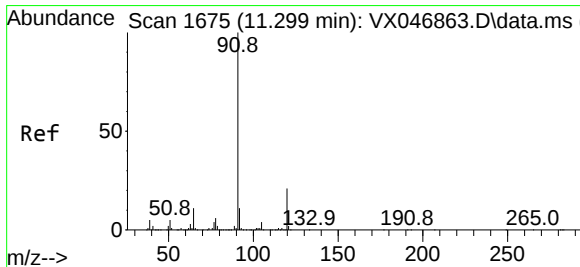
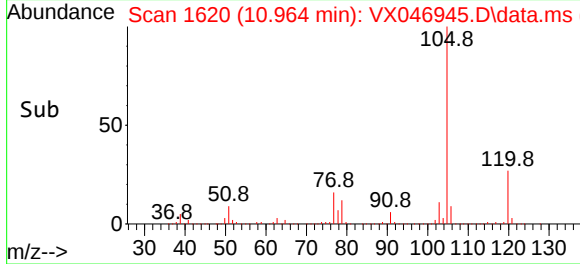
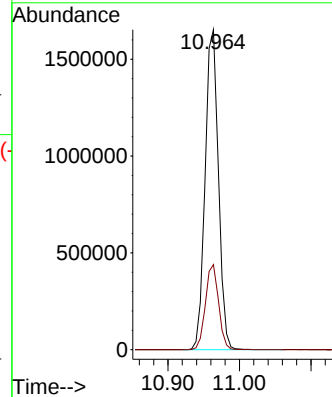
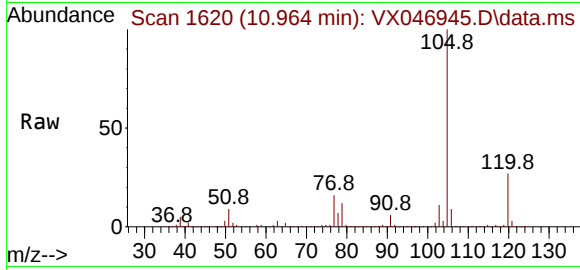
#73
Isopropylbenzene
Concen: 101.825 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Tgt Ion:105 Resp: 213012
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

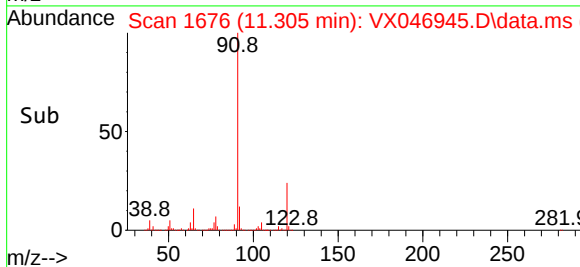
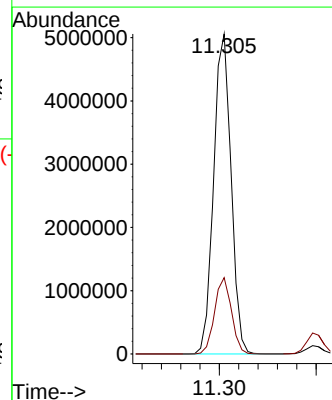
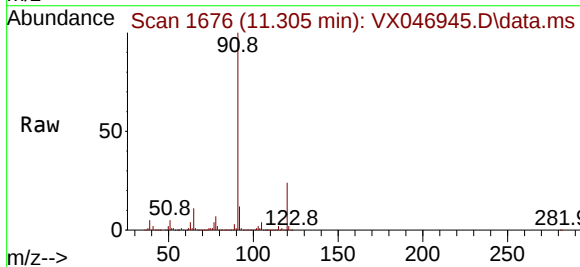
Manual Integrations
APPROVED

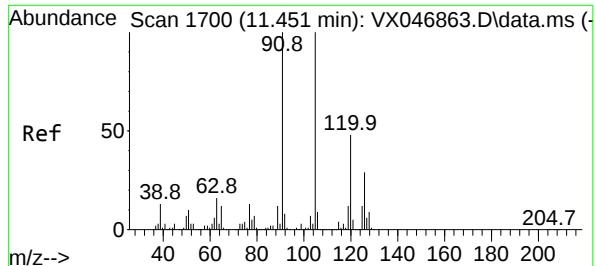
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#78
n-propylbenzene
Concen: 250.832 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 6327167
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 101.599 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203

Tgt Ion:105 Resp: 172698

Ion Ratio Lower Upper

105 100

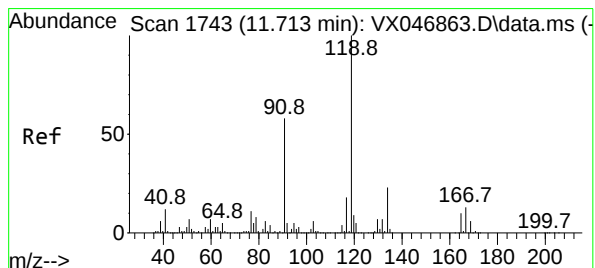
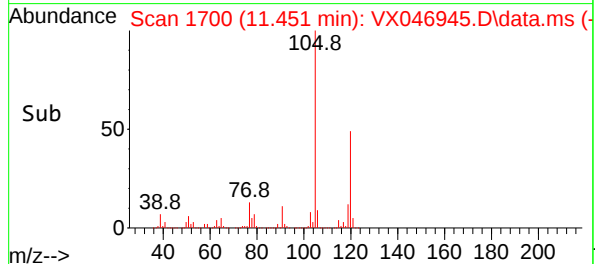
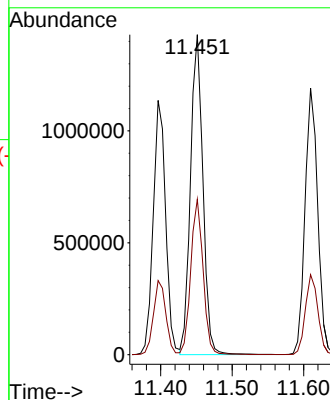
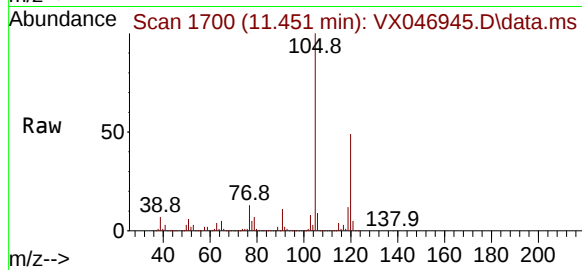
120 48.2 24.1 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#83

tert-Butylbenzene

Concen: 1.027 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

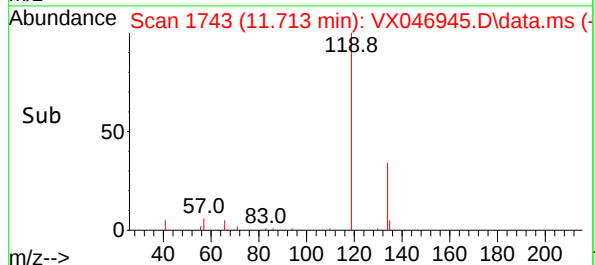
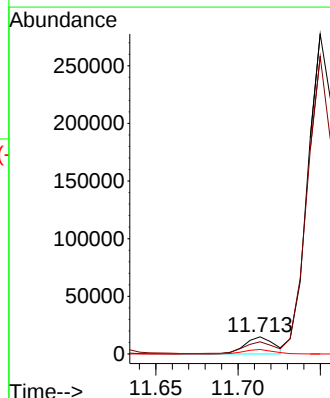
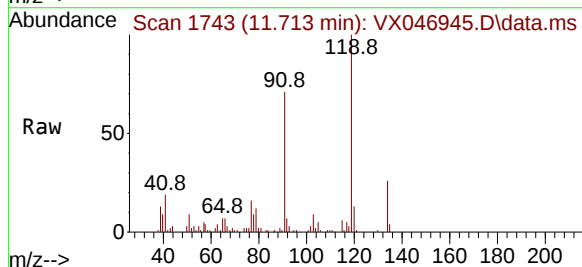
Tgt Ion:119 Resp: 18026

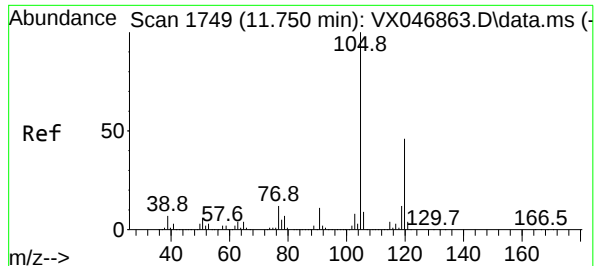
Ion Ratio Lower Upper

119 100

91 70.5 28.7 86.3

134 27.1 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 161.364 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203

Tgt Ion:105 Resp: 2772389

Ion Ratio Lower Upper

105 100

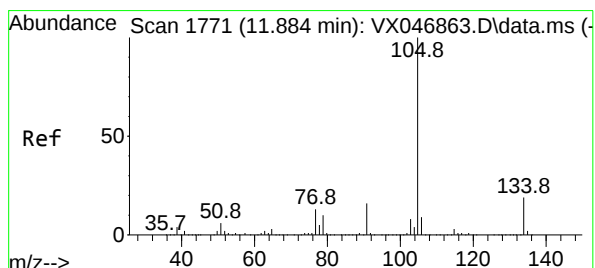
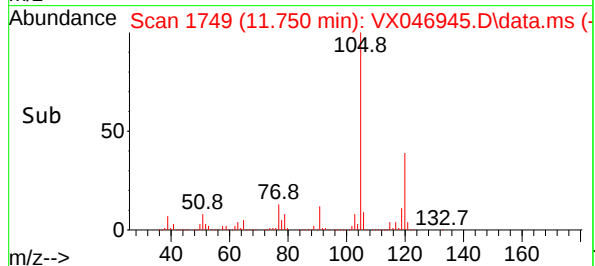
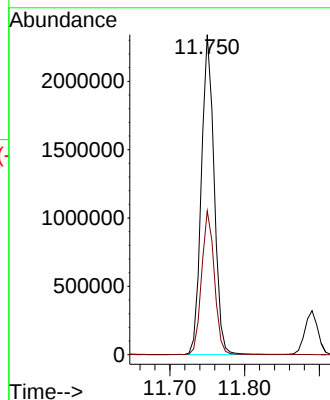
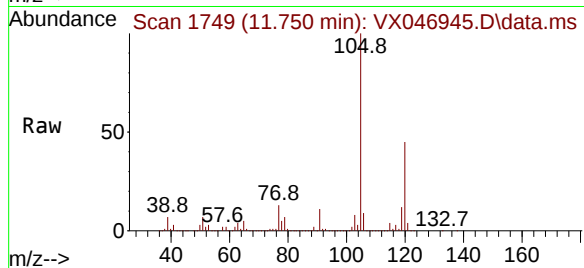
120 45.1 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#85

sec-Butylbenzene

Concen: 17.611 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX046945.D

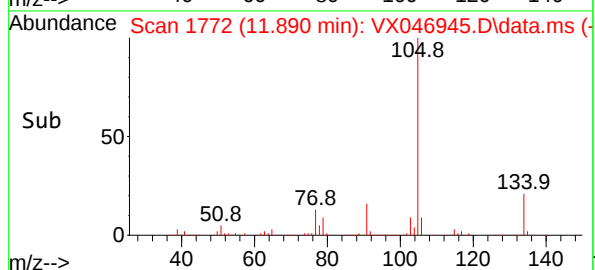
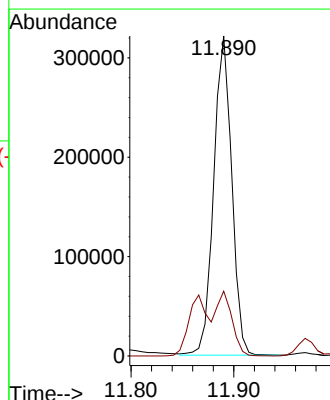
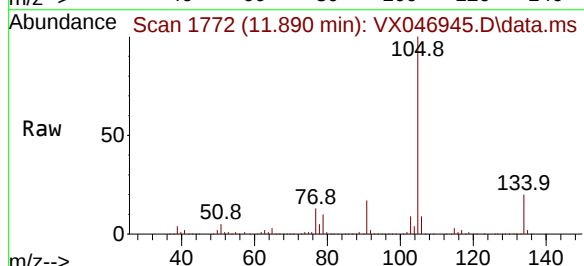
Acq: 10 Jul 2025 15:26

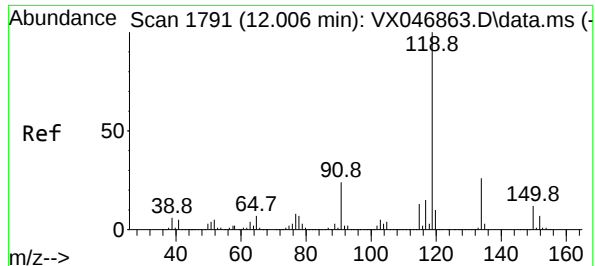
Tgt Ion:105 Resp: 389810

Ion Ratio Lower Upper

105 100

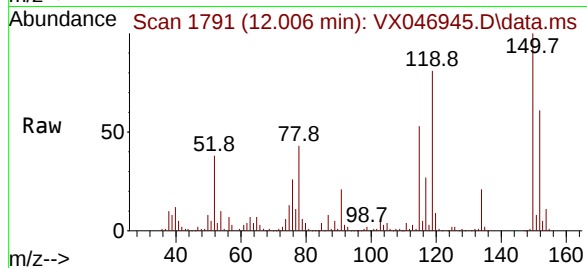
134 17.4 9.9 29.7





#86
p-Isopropyltoluene
Concen: 2.931 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

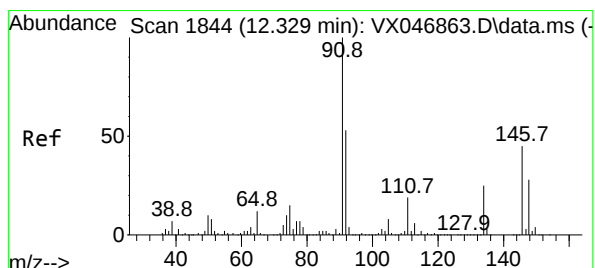
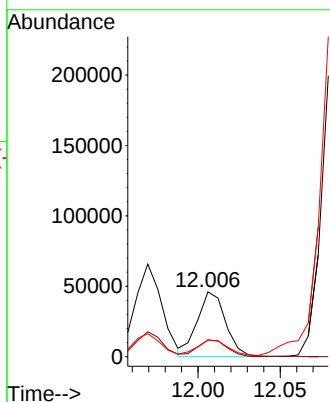
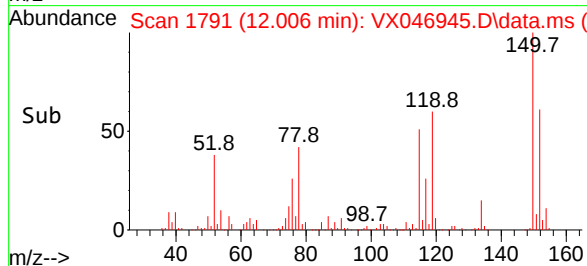
Instrument :
MSVOA_X
ClientSampleId :
AOC-203



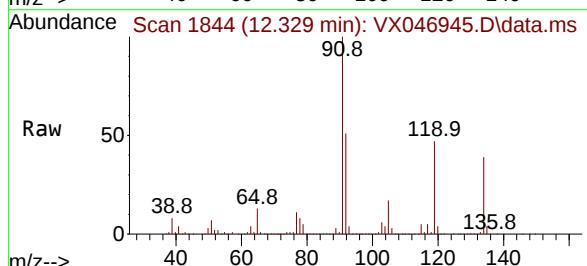
Tgt Ion: 119 Resp: 54330
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 0.0 12.0 36.1

Manual Integrations
APPROVED

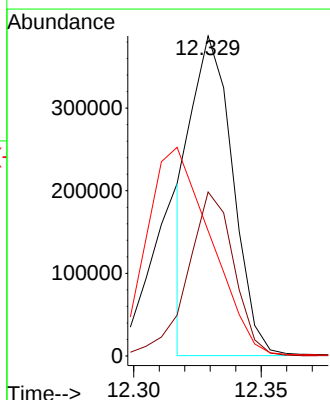
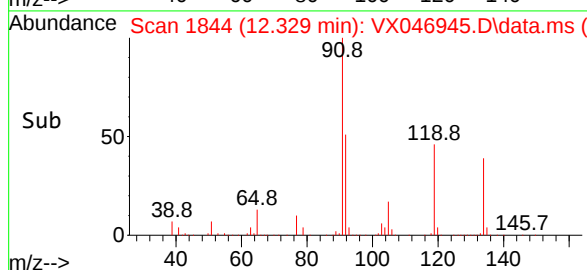
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#89
n-Butylbenzene
Concen: 25.402 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26



Tgt Ion: 91 Resp: 442426
Ion Ratio Lower Upper
91 100
92 56.9 27.0 81.0
134 99.2 12.8 38.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046945.D
 Acq On : 10 Jul 2025 15:26
 Operator : JC/MD
 Sample : Q2553-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

Signal : TIC: VX046945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	25	30	47	rBV	573356	1480109	10.30%	0.812%
2	1.770	106	112	139	rVB	794235	1313012	9.14%	0.720%
3	1.971	140	145	161	rBV	402490	661599	4.60%	0.363%
4	2.361	198	209	230	rVB	196167	458956	3.19%	0.252%
5	2.800	272	281	283	rBV2	559442	1146517	7.98%	0.629%
6	2.843	283	288	320	rVB	1418267	3870121	26.93%	2.123%
7	3.117	322	333	359	rBV	1121393	2834846	19.72%	1.555%
8	3.465	380	390	406	rBV	678720	1710807	11.90%	0.938%
9	3.745	428	436	446	rBV	118014	310849	2.16%	0.171%
10	3.855	446	454	463	rVV	74111	193783	1.35%	0.106%
11	4.233	506	516	521	rBV	174841	519096	3.61%	0.285%
12	4.324	521	531	545	rVV	1323370	4155812	28.92%	2.280%
13	4.446	547	551	565	rVB6	55268	181885	1.27%	0.100%
14	5.148	650	666	671	rBV3	86137	357437	2.49%	0.196%
15	5.397	694	707	714	rBV3	259076	825368	5.74%	0.453%
16	5.513	714	726	731	rBV5	520711	2204310	15.34%	1.209%
17	5.635	740	746	768	rVB3	563368	1976739	13.75%	1.084%
18	5.836	768	779	792	rBV	635340	2043805	14.22%	1.121%
19	5.964	792	800	809	rBV	235007	602078	4.19%	0.330%
20	6.172	823	834	842	rBV3	293895	1099544	7.65%	0.603%
21	6.263	842	849	859	rVV3	475170	1519271	10.57%	0.833%
22	6.367	859	866	880	rVB	278269	838944	5.84%	0.460%
23	6.617	895	907	922	rBV2	243500	641247	4.46%	0.352%
24	6.769	922	932	939	rBV	627788	1656224	11.52%	0.908%
25	6.855	940	946	960	rVB5	282596	892458	6.21%	0.490%
26	7.068	975	981	991	rVB	62749	151525	1.05%	0.083%
27	7.178	991	999	1007	rBV	190727	440732	3.07%	0.242%
28	7.385	1021	1033	1046	rBV3	999925	2739434	19.06%	1.503%
29	7.568	1057	1063	1072	rVV2	94987	237812	1.65%	0.130%
30	7.659	1072	1078	1089	rVB	217622	458900	3.19%	0.252%
31	7.775	1090	1097	1105	rVB2	107161	229019	1.59%	0.126%
32	7.885	1105	1115	1123	rBV4	88034	298619	2.08%	0.164%
33	7.988	1123	1132	1144	rVB	192034	510472	3.55%	0.280%
34	8.110	1144	1152	1154	rBV	256608	484637	3.37%	0.266%
35	8.147	1154	1158	1162	rVV	356579	666755	4.64%	0.366%
36	8.190	1162	1165	1175	rVV3	121064	272106	1.89%	0.149%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046945.D
 Acq On : 10 Jul 2025 15:26
 Operator : JC/MD
 Sample : Q2553-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

37	8.281	1175	1180	1182	rVV	92018	157389	1.10%	0.086%
38	8.318	1182	1186	1192	rVB4	117716	218008	1.52%	0.120%
39	8.440	1201	1206	1210	rBV	154769	264246	1.84%	0.145%
40	8.507	1212	1217	1227	rVB2	270051	531958	3.70%	0.292%
41	8.604	1227	1233	1236	rBV3	171104	335234	2.33%	0.184%
42	8.647	1236	1240	1250	rVB	1292547	2245592	15.62%	1.232%
43	8.775	1250	1261	1265	rBV3	92928	206988	1.44%	0.114%
44	8.927	1279	1286	1290	rBV4	95188	177337	1.23%	0.097%
45	8.976	1290	1294	1301	rVB3	92338	152407	1.06%	0.084%
46	9.104	1307	1315	1320	rBV	140134	263680	1.83%	0.145%
47	9.165	1320	1325	1336	rVB	220756	399860	2.78%	0.219%
48	9.506	1376	1381	1386	rVB4	96153	186984	1.30%	0.103%
49	10.055	1466	1471	1476	rBV	1372527	1821695	12.67%	0.999%
50	10.195	1489	1494	1502	rVB	5484856	7214372	50.20%	3.957%
51	10.299	1503	1511	1517	rVB	241946	437820	3.05%	0.240%
52	10.964	1614	1620	1628	rBV	3990673	5200045	36.18%	2.852%
53	11.079	1634	1639	1644	rBV	1177137	1449867	10.09%	0.795%
54	11.305	1670	1676	1686	rVB	10379786	12908916	89.82%	7.081%
55	11.396	1686	1691	1696	rVV	2776814	3335007	23.20%	1.829%
56	11.451	1696	1700	1713	rVB	4061129	4904074	34.12%	2.690%
57	11.610	1721	1726	1737	rVB	3008049	3684598	25.64%	2.021%
58	11.750	1744	1749	1756	rVB	6598988	7688629	53.50%	4.217%
59	11.866	1763	1768	1770	rBV	625529	885356	6.16%	0.486%
60	11.890	1770	1772	1779	rVB	736417	762792	5.31%	0.418%
61	11.969	1781	1785	1788	rBV	180254	212167	1.48%	0.116%
62	12.018	1788	1793	1797	rBV	1483708	1926001	13.40%	1.056%
63	12.055	1797	1799	1800	rVV	357958	338117	2.35%	0.185%
64	12.085	1800	1804	1809	rVB	8143725	9886503	68.79%	5.423%
65	12.177	1815	1819	1824	rVB	141330	173789	1.21%	0.095%
66	12.244	1824	1830	1837	rBV	11393247	14372349	100.00%	7.883%
67	12.317	1837	1842	1852	rVB3	2318836	4285306	29.82%	2.351%
68	12.402	1852	1856	1861	rVB2	635494	788663	5.49%	0.433%
69	12.463	1861	1866	1872	rVB	800909	1031226	7.18%	0.566%
70	12.530	1872	1877	1880	rBV	1066645	1417125	9.86%	0.777%
71	12.610	1885	1890	1894	rBV	5896025	7276874	50.63%	3.991%
72	12.640	1894	1895	1900	rVB	871318	829149	5.77%	0.455%
73	12.695	1900	1904	1912	rBV2	3469847	5009890	34.86%	2.748%
74	12.847	1924	1929	1934	rBV	1006680	1274578	8.87%	0.699%
75	12.921	1934	1941	1945	rBV	4189592	5022457	34.95%	2.755%
76	12.963	1945	1948	1954	rVB	1475493	1766153	12.29%	0.969%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046945.D
 Acq On : 10 Jul 2025 15:26
 Operator : JC/MD
 Sample : Q2553-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

77	13.024	1954	1958	1963	rBV3	283224	478870	3.33%	0.263%
78	13.164	1977	1981	1987	rVB	2870768	3489589	24.28%	1.914%
79	13.256	1992	1996	1997	rBV	225472	257168	1.79%	0.141%
80	13.292	1997	2002	2007	rVB2	6288700	8470752	58.94%	4.646%
81	13.366	2012	2014	2019	rVB	311129	368018	2.56%	0.202%
82	13.420	2019	2023	2032	rVB	658782	855636	5.95%	0.469%
83	13.506	2032	2037	2039	rBV2	200875	279821	1.95%	0.153%
84	13.542	2039	2043	2046	rVV	449135	638985	4.45%	0.350%
85	13.579	2046	2049	2056	rVV2	772517	1276304	8.88%	0.700%
86	13.640	2056	2059	2060	rVV	214108	266567	1.85%	0.146%
87	13.664	2060	2063	2069	rVB2	491532	854884	5.95%	0.469%
88	13.774	2074	2081	2090	rVB	3580399	4451123	30.97%	2.441%
89	13.926	2099	2106	2110	rBV2	268972	417833	2.91%	0.229%
90	13.969	2110	2113	2117	rVB	191913	228597	1.59%	0.125%
91	14.073	2125	2130	2137	rBV	399518	508398	3.54%	0.279%
92	14.213	2148	2153	2163	rBV	352276	633780	4.41%	0.348%
93	14.317	2166	2170	2175	rVV	401937	528807	3.68%	0.290%
94	14.371	2175	2179	2184	rVB	245605	317449	2.21%	0.174%
95	14.634	2218	2222	2233	rVB	3398586	3999168	27.83%	2.194%
96	14.774	2240	2245	2255	rVB	2002284	2633782	18.33%	1.445%
97	15.475	2354	2360	2373	rVB2	88912	154694	1.08%	0.085%
98	15.609	2375	2382	2386	rBV	105500	172817	1.20%	0.095%

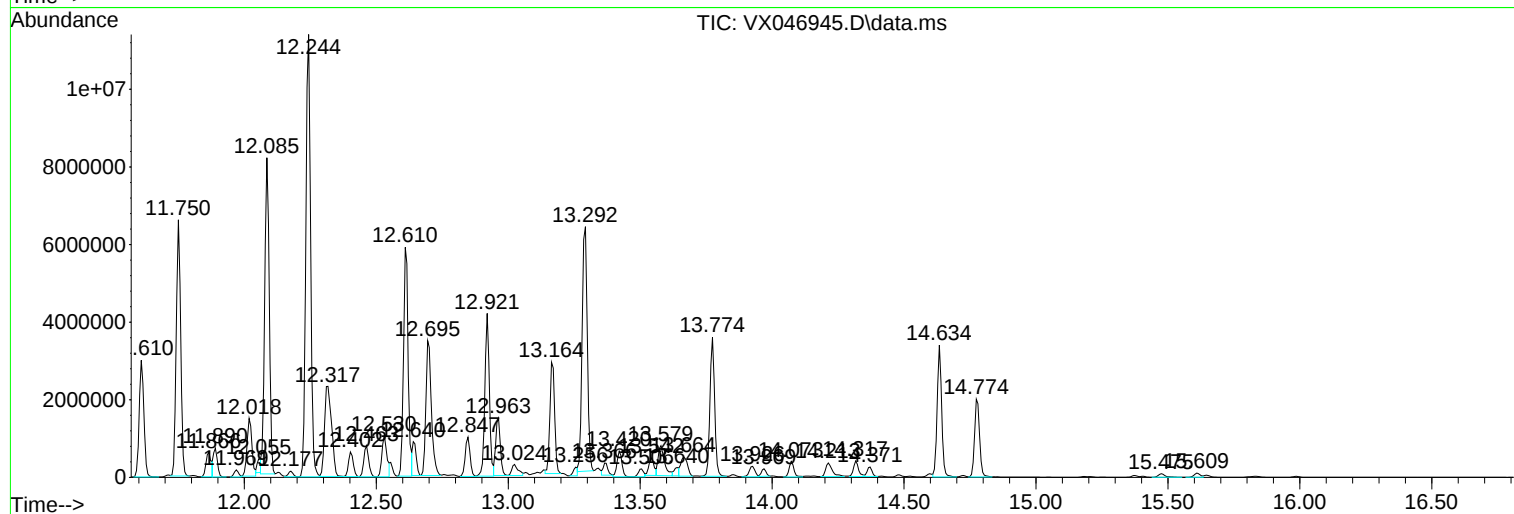
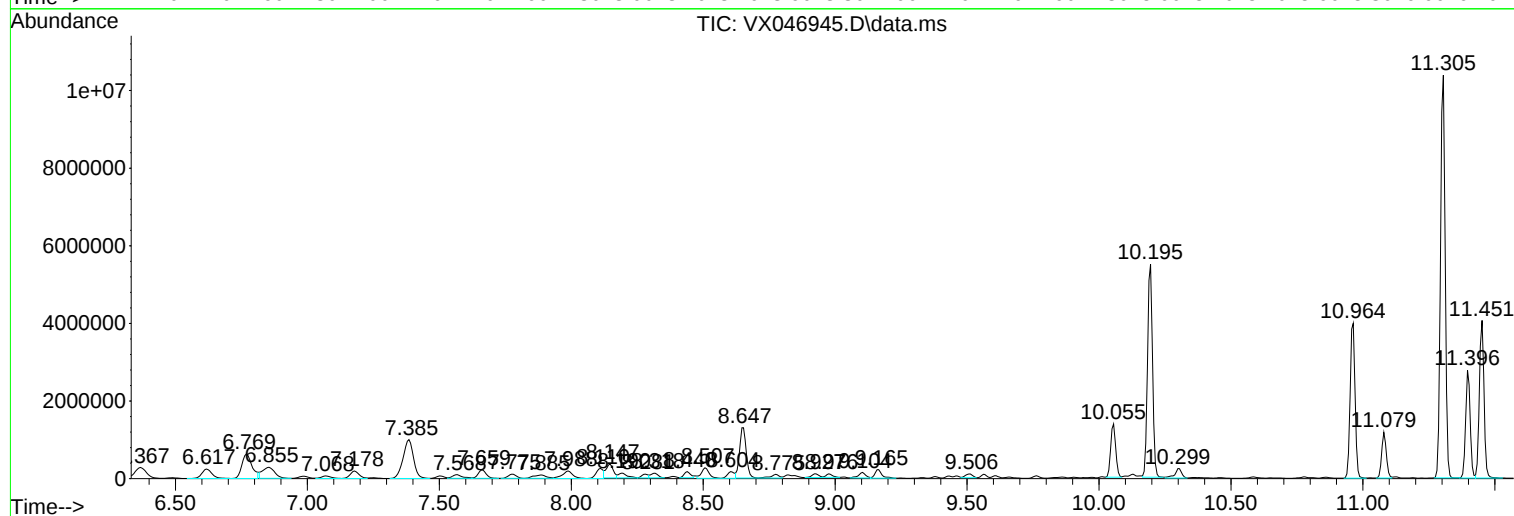
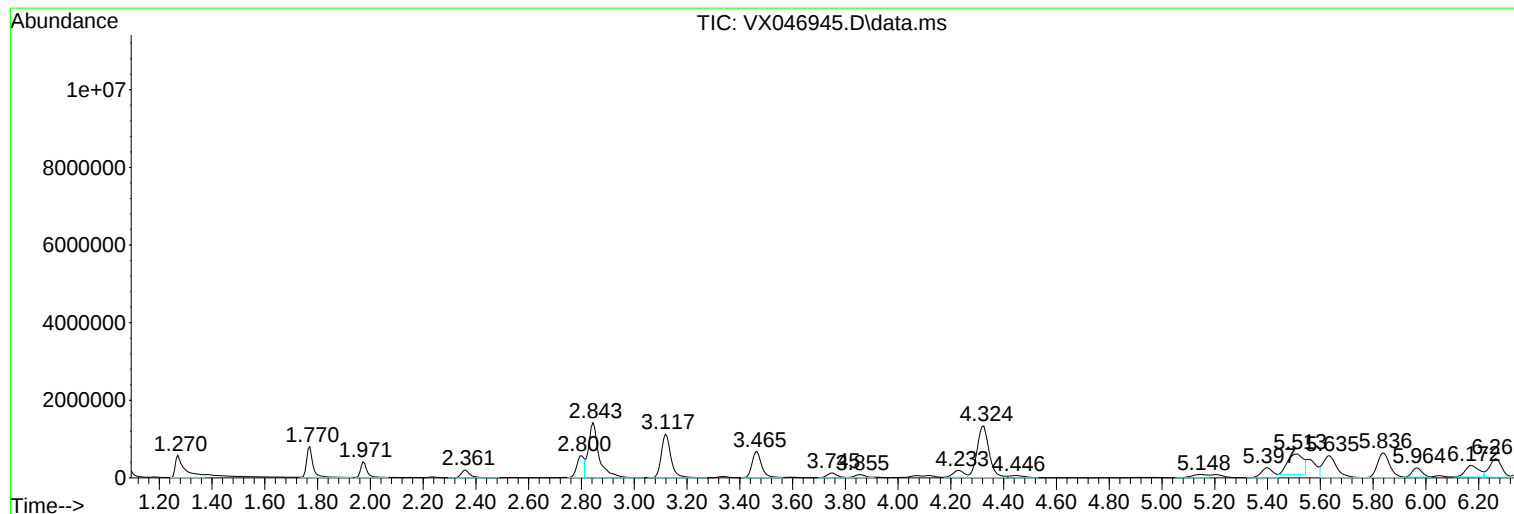
Sum of corrected areas: 182311071

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

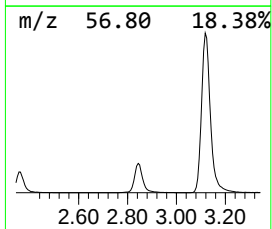
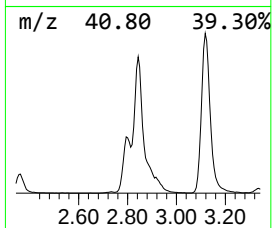
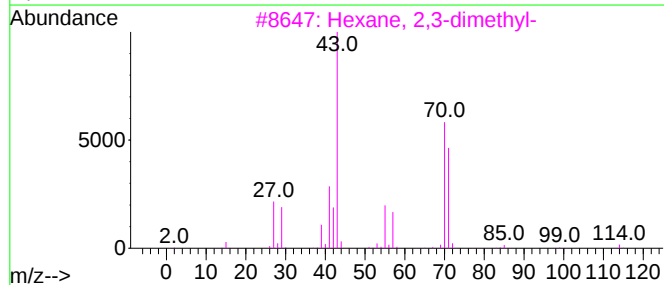
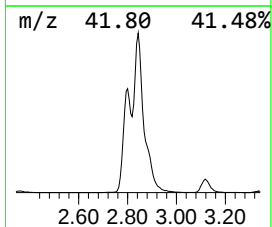
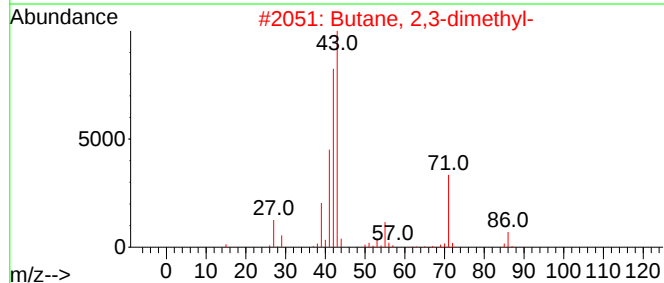
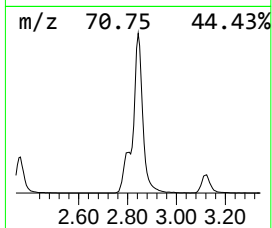
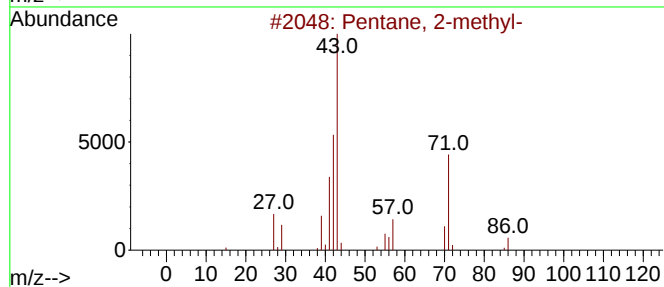
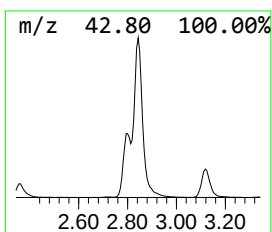
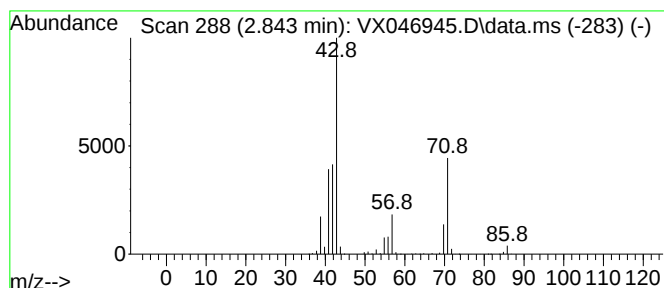
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	87.79 ug/l	3870120	Pentafluorobenzene	5.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
4			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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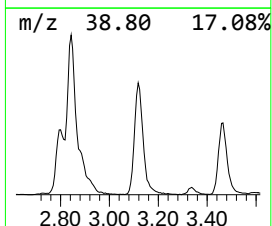
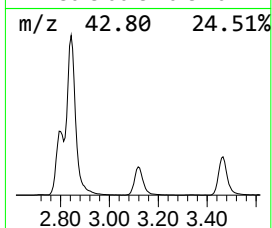
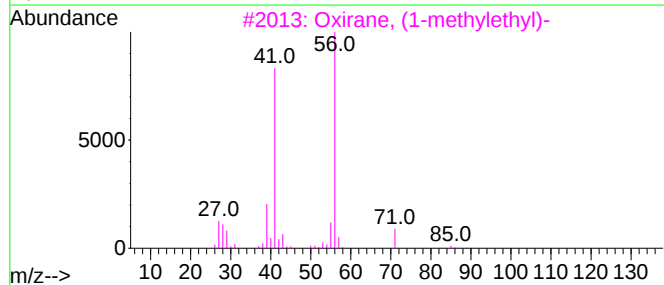
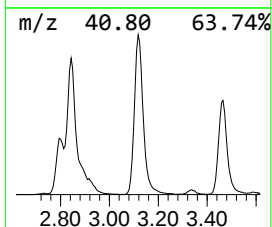
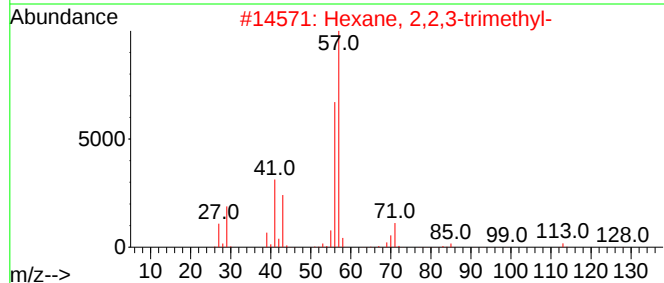
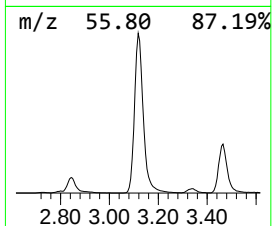
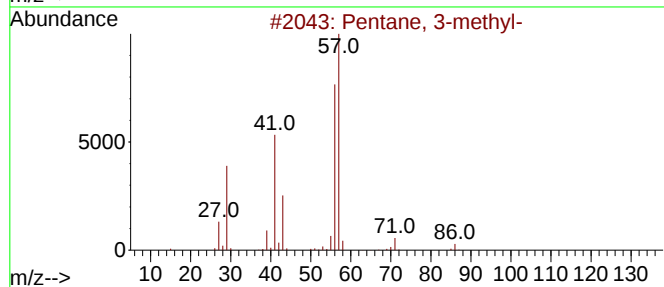
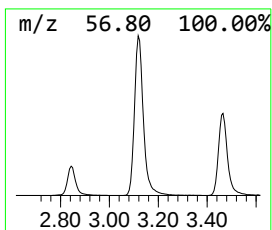
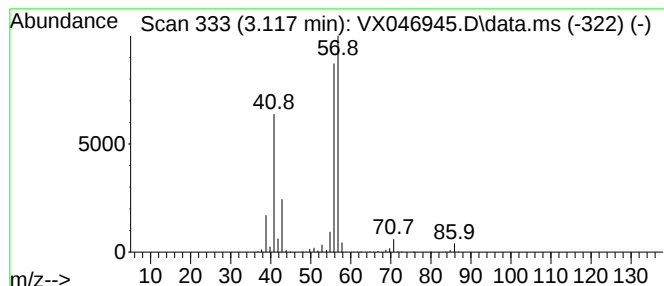
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Quant Title : SW846 8260

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

Peak Number 2 Pentane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	64.30 ug/l	2834850	Pentafluorobenzene	5.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

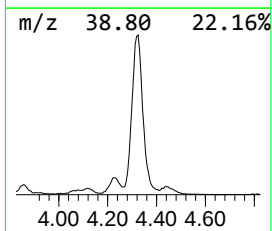
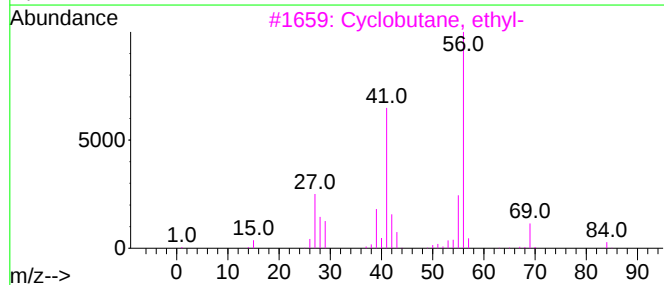
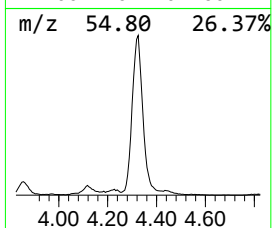
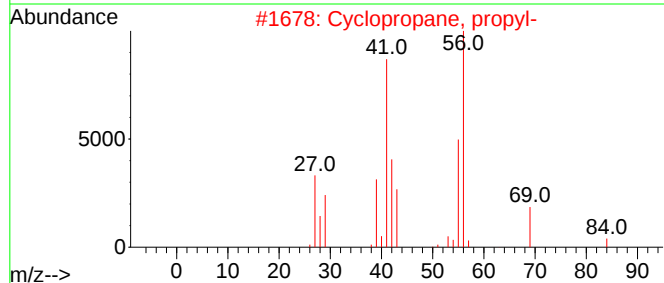
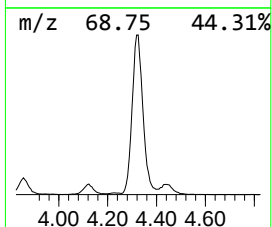
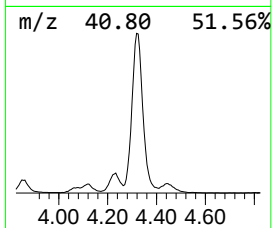
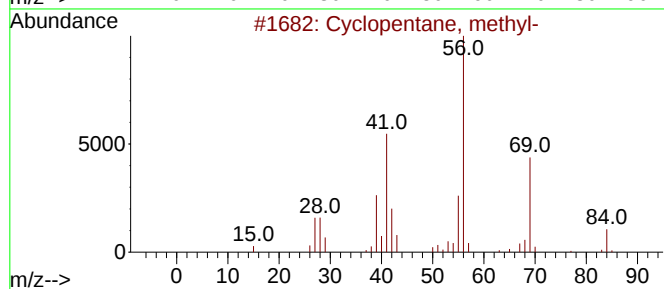
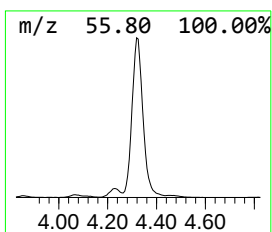
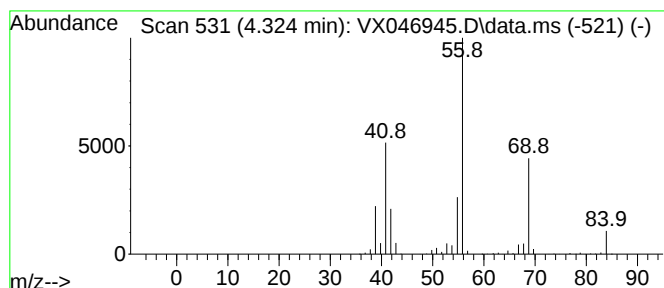
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Quant Title : SW846 8260

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

Peak Number 3 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.324	94.27 ug/l	4155810	Pentafluorobenzene	5.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclopropane, propyl-	84	C6H12	002415-72-7	78
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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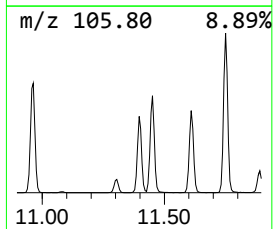
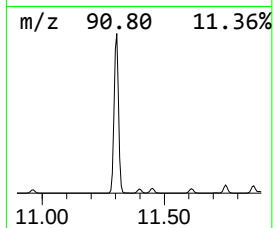
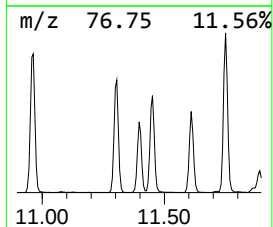
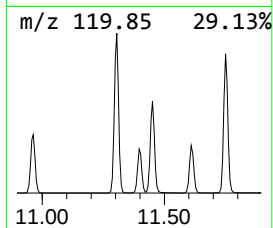
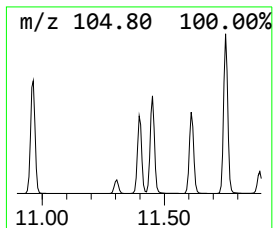
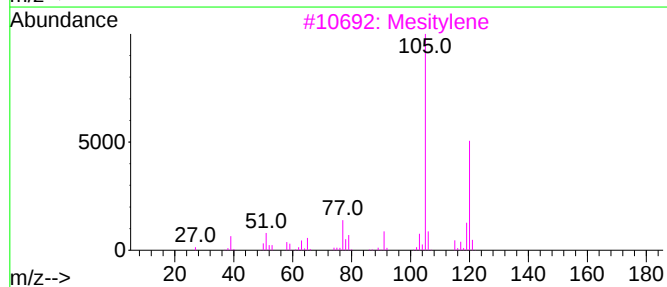
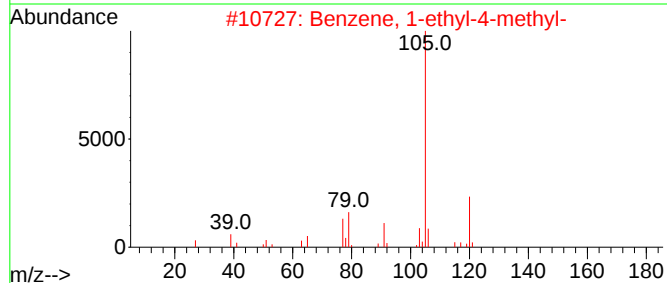
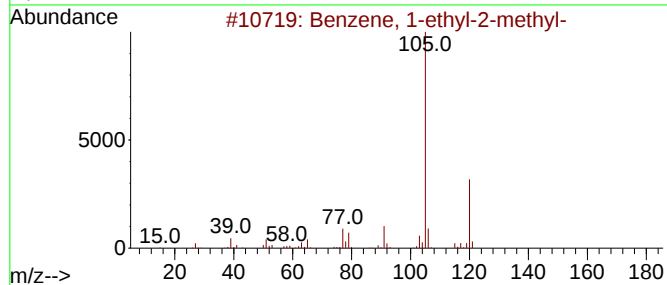
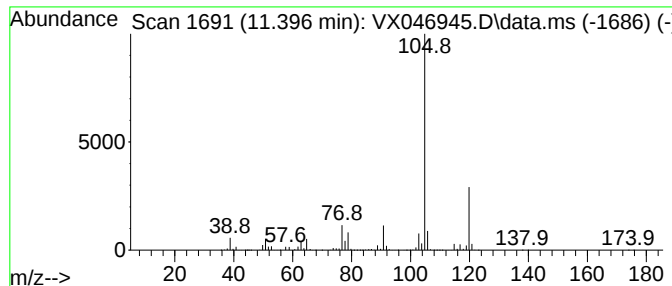
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	86.58 ug/l	3335010	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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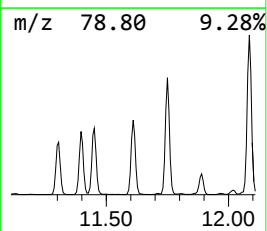
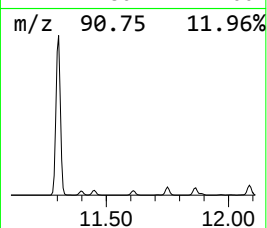
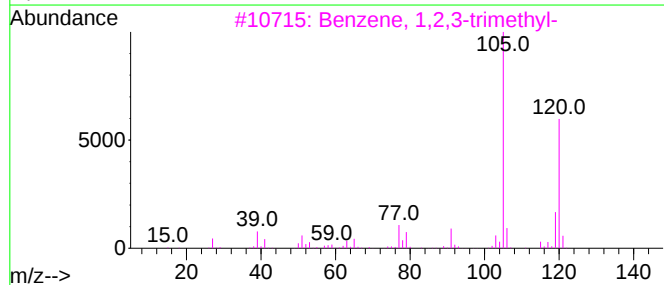
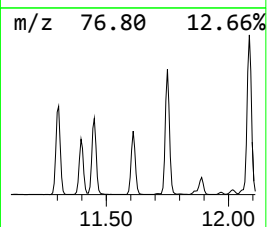
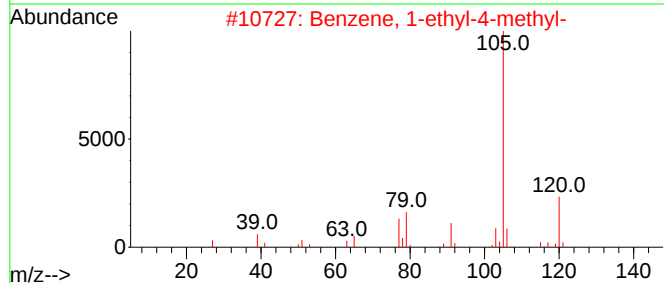
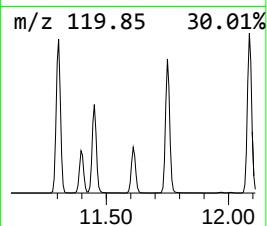
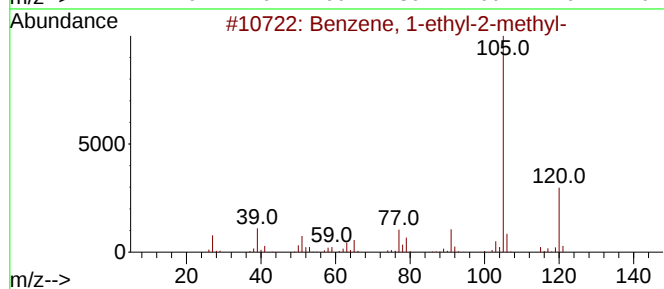
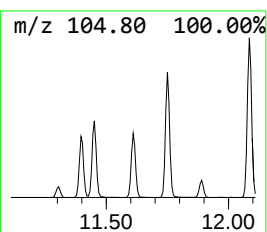
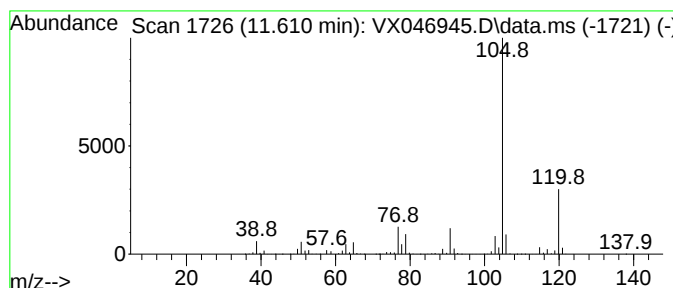
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	95.65 ug/l	3684600	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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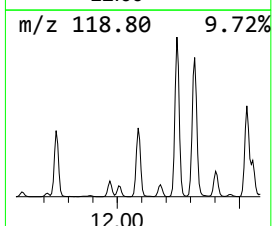
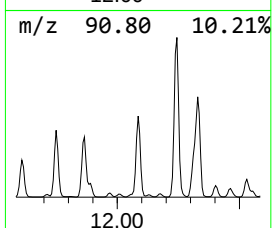
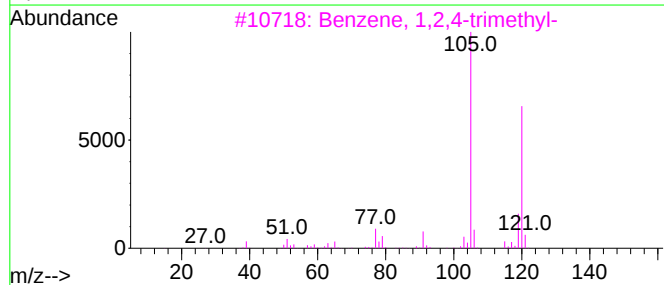
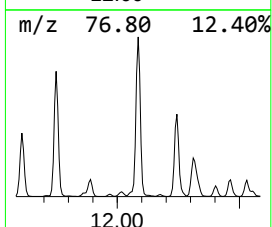
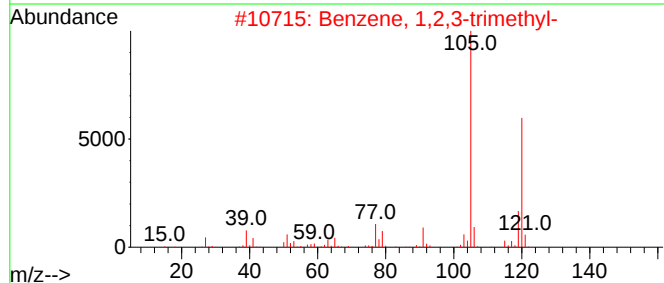
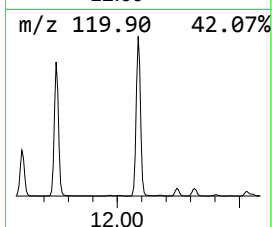
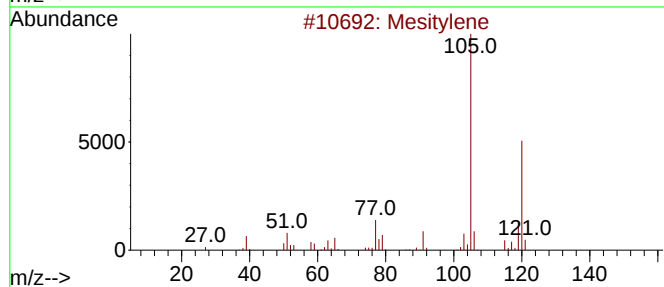
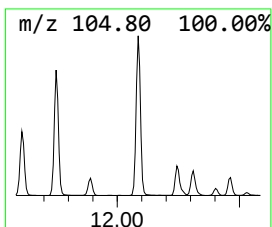
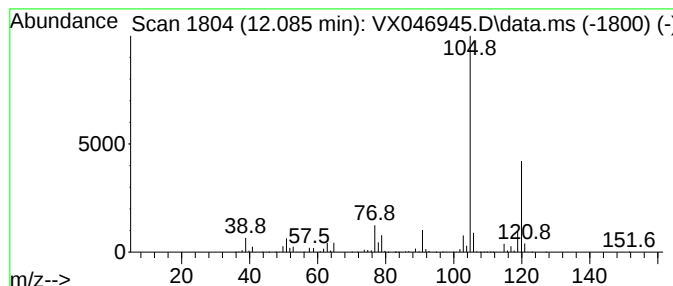
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	256.66 ug/l	9886500	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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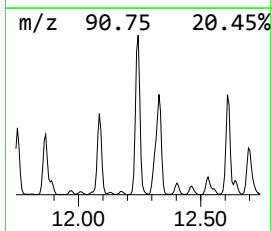
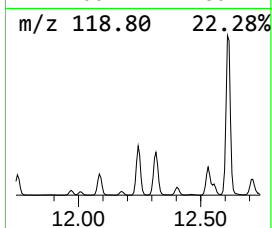
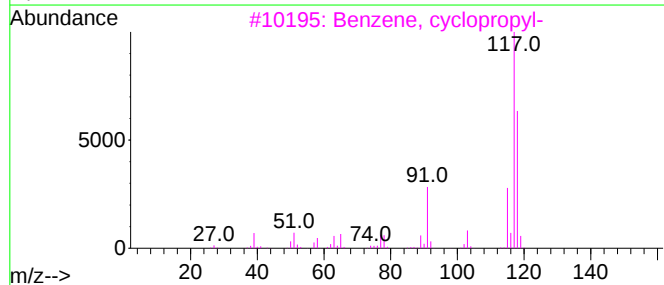
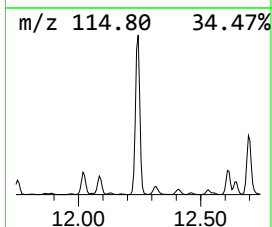
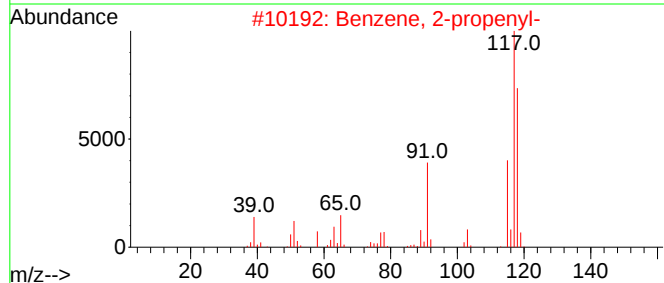
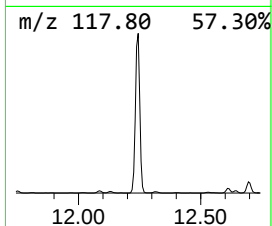
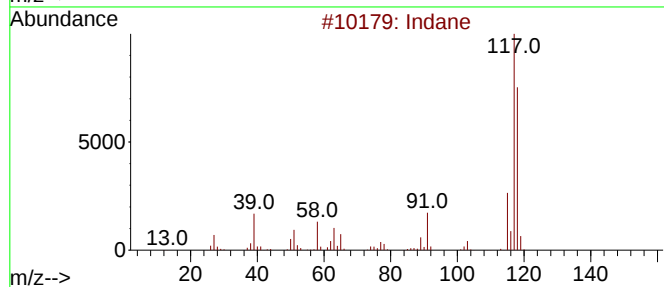
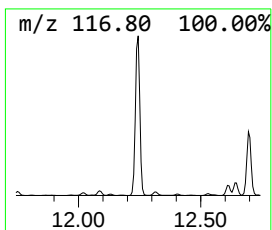
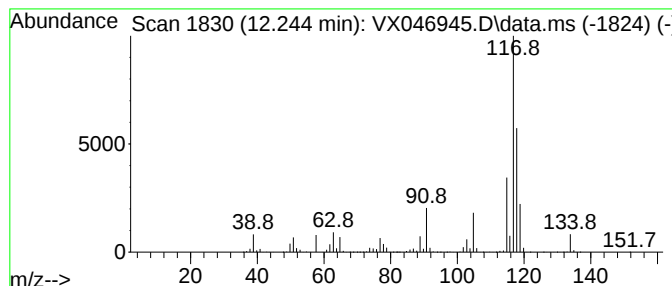
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Quant Title : SW846 8260

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

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	373.11 ug/l	14372300	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

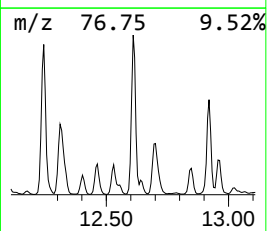
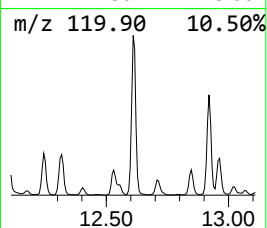
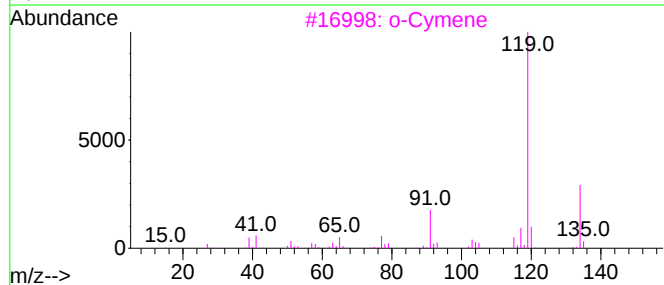
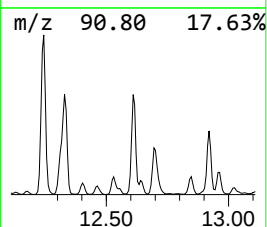
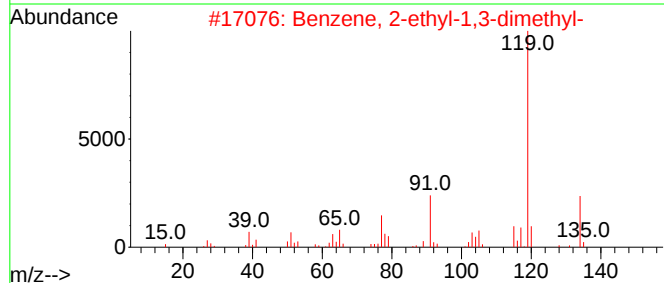
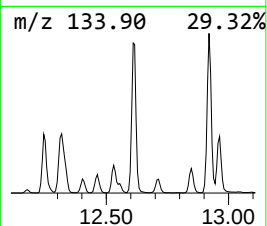
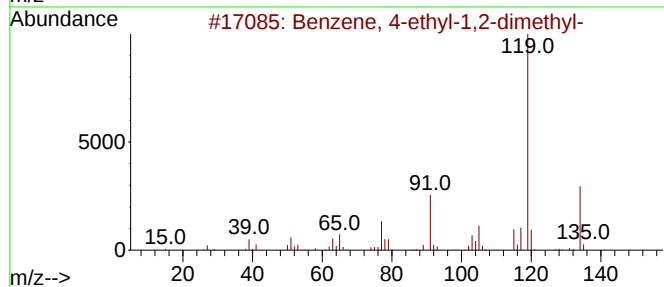
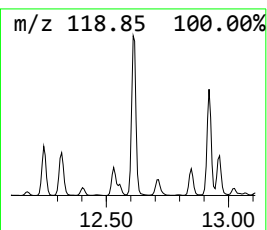
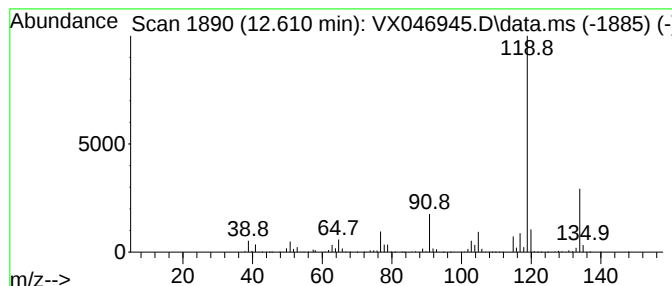
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	188.91 ug/l	7276870	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

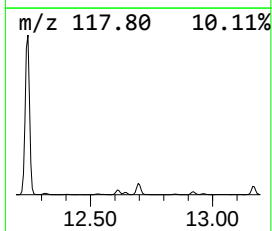
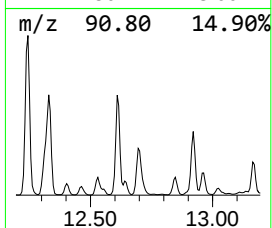
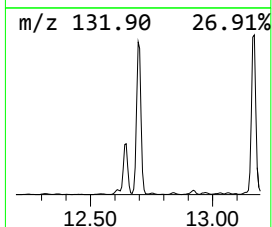
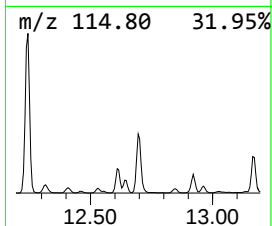
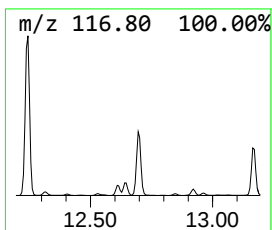
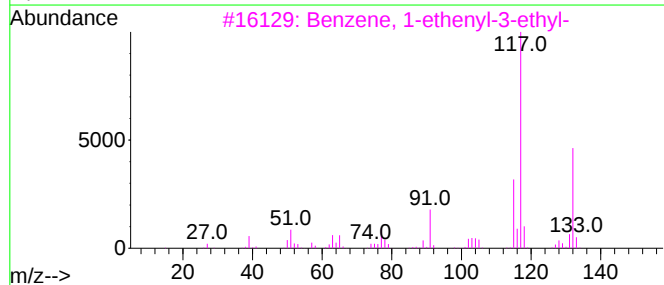
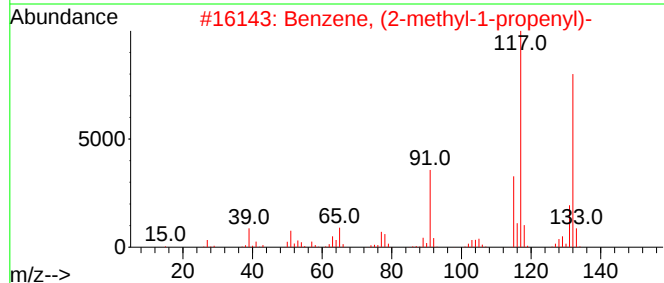
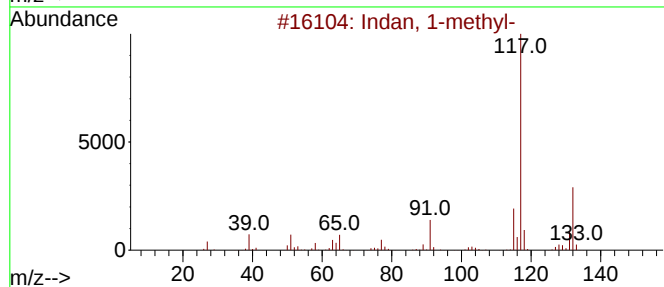
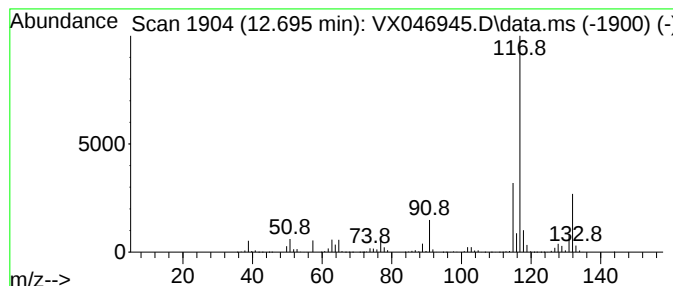
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Quant Title : SW846 8260

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

Peak Number 9 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	130.06 ug/l	5009890	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

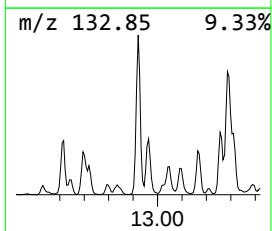
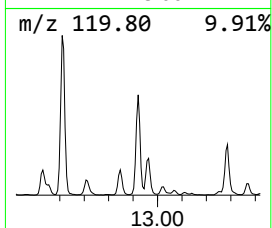
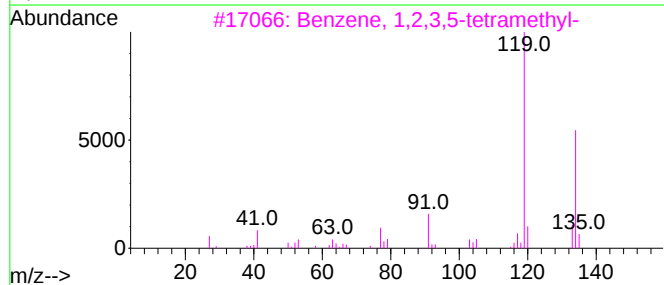
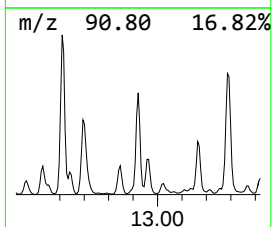
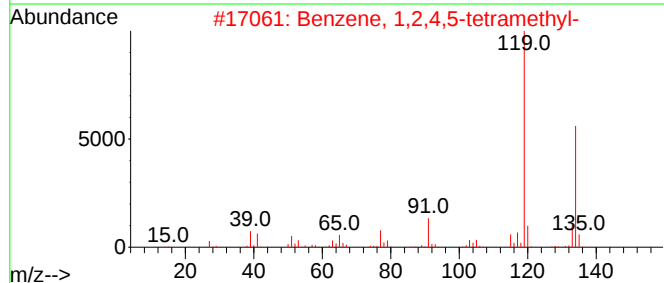
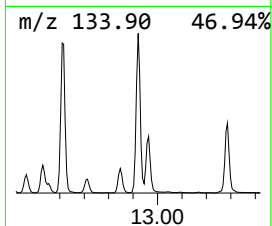
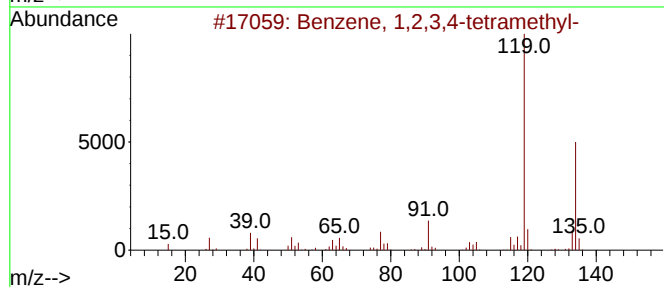
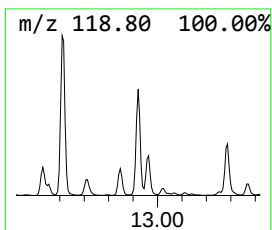
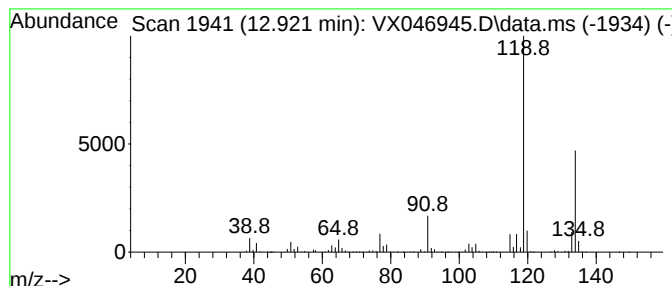
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	130.39 ug/l	5022460	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

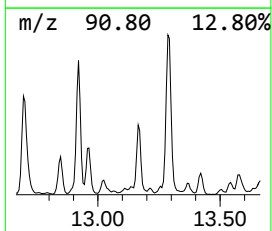
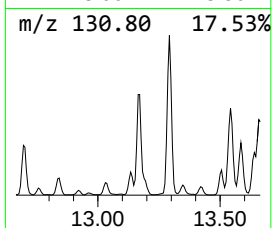
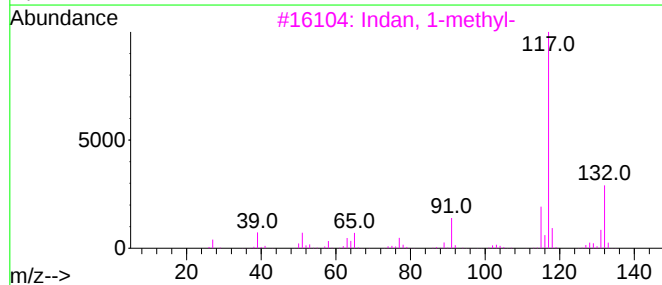
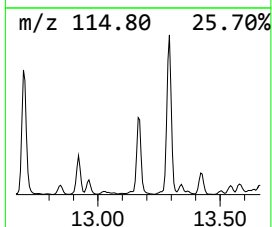
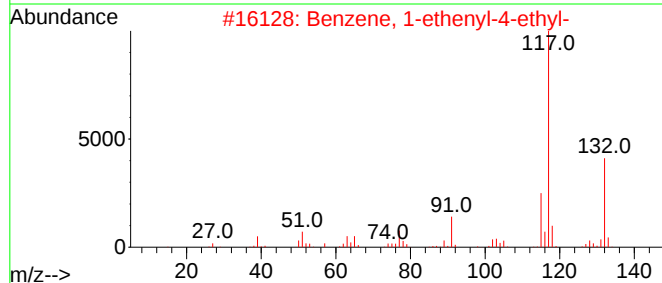
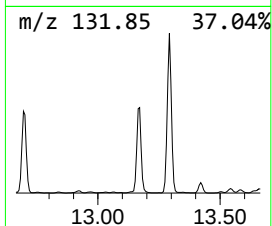
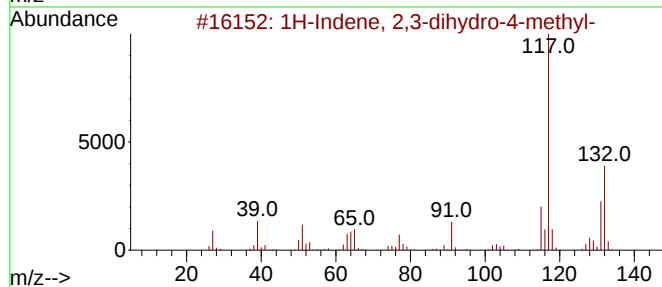
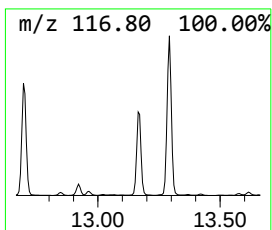
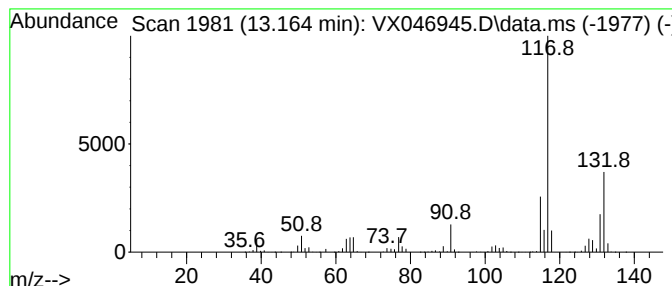
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Quant Title : SW846 8260

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

Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	90.59 ug/l	3489590	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			Indan, 1-methyl-	132	C10H12	000767-58-8	91
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

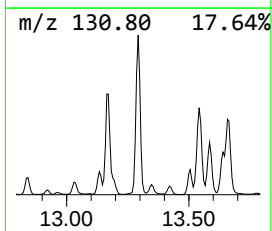
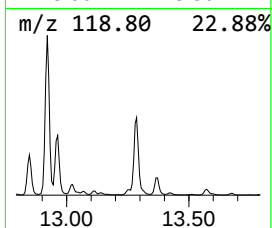
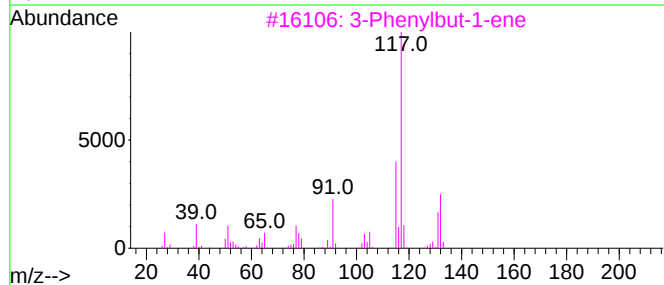
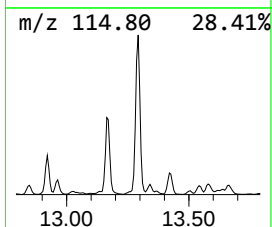
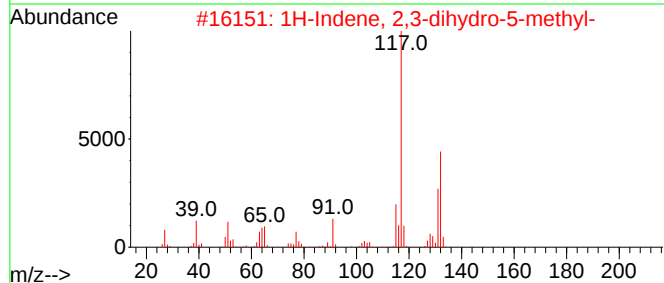
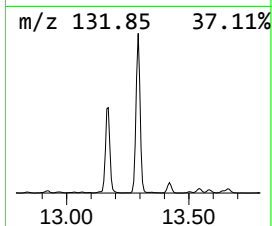
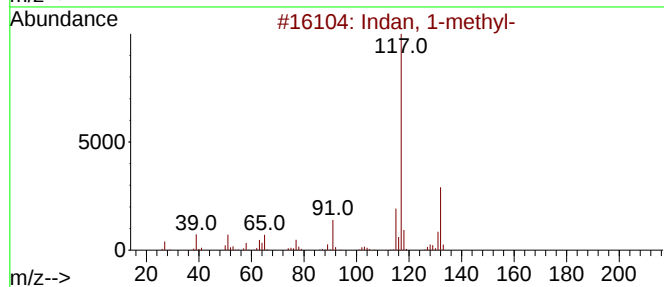
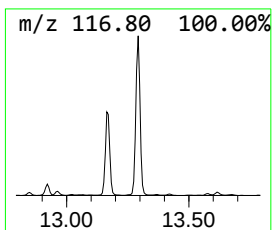
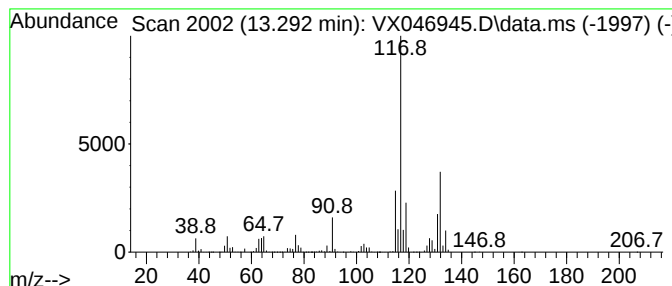
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	219.91 ug/l	8470750	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	2.843	87.8	ug/l	3870120	1	5.562	2204310	50.0
Pentane, 3-methyl-	3.117	64.3	ug/l	2834850	1	5.562	2204310	50.0
Cyclopentane, m...	4.324	94.3	ug/l	4155810	1	5.562	2204310	50.0
Benzene, 1-ethy...	11.396	86.6	ug/l	3335010	4	12.018	1926000	50.0
Benzene, 1-ethy...	11.610	95.7	ug/l	3684600	4	12.018	1926000	50.0
Benzene, 1,2,3-...	12.085	256.7	ug/l	9886500	4	12.018	1926000	50.0
Indane	12.244	373.1	ug/l	14372300	4	12.018	1926000	50.0
Benzene, 4-ethy...	12.610	188.9	ug/l	7276870	4	12.018	1926000	50.0
Indan, 1-methyl-	12.695	130.1	ug/l	5009890	4	12.018	1926000	50.0
Benzene, 1,2,3,...	12.921	130.4	ug/l	5022460	4	12.018	1926000	50.0
1H-Indene, 2,3-...	13.164	90.6	ug/l	3489590	4	12.018	1926000	50.0
1H-Indene, 2,3-...	13.292	219.9	ug/l	8470750	4	12.018	1926000	50.0

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046946.D	1	07/10/25 15:47	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.44	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046946.D	1	07/10/25 15:47	VX071025

[illegible]

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046946.D	1	07/10/25 15:47	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	0.58	J		11.3	ug/L
104-51-8	n-Butylbenzene	0.24	J		12.3	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046946.D
 Acq On : 10 Jul 2025 15:47
 Operator : JC/MD
 Sample : Q2553-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:32:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	431287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	760941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	704204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	362481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	286627	50.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.620%			
35) Dibromofluoromethane	5.397	113	240111	46.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.980%			
50) Toluene-d8	8.653	98	907701	49.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.620%			
62) 4-Bromofluorobenzene	11.079	95	359174	51.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.720%			
Target Compounds						
17) Carbon Disulfide	2.526	76	5367	0.438	ug/l #	91
78) n-propylbenzene	11.305	91	17718	0.577	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	9092	0.434	ug/l	98
89) n-Butylbenzene	12.335	91	5028m	0.237	ug/l	

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

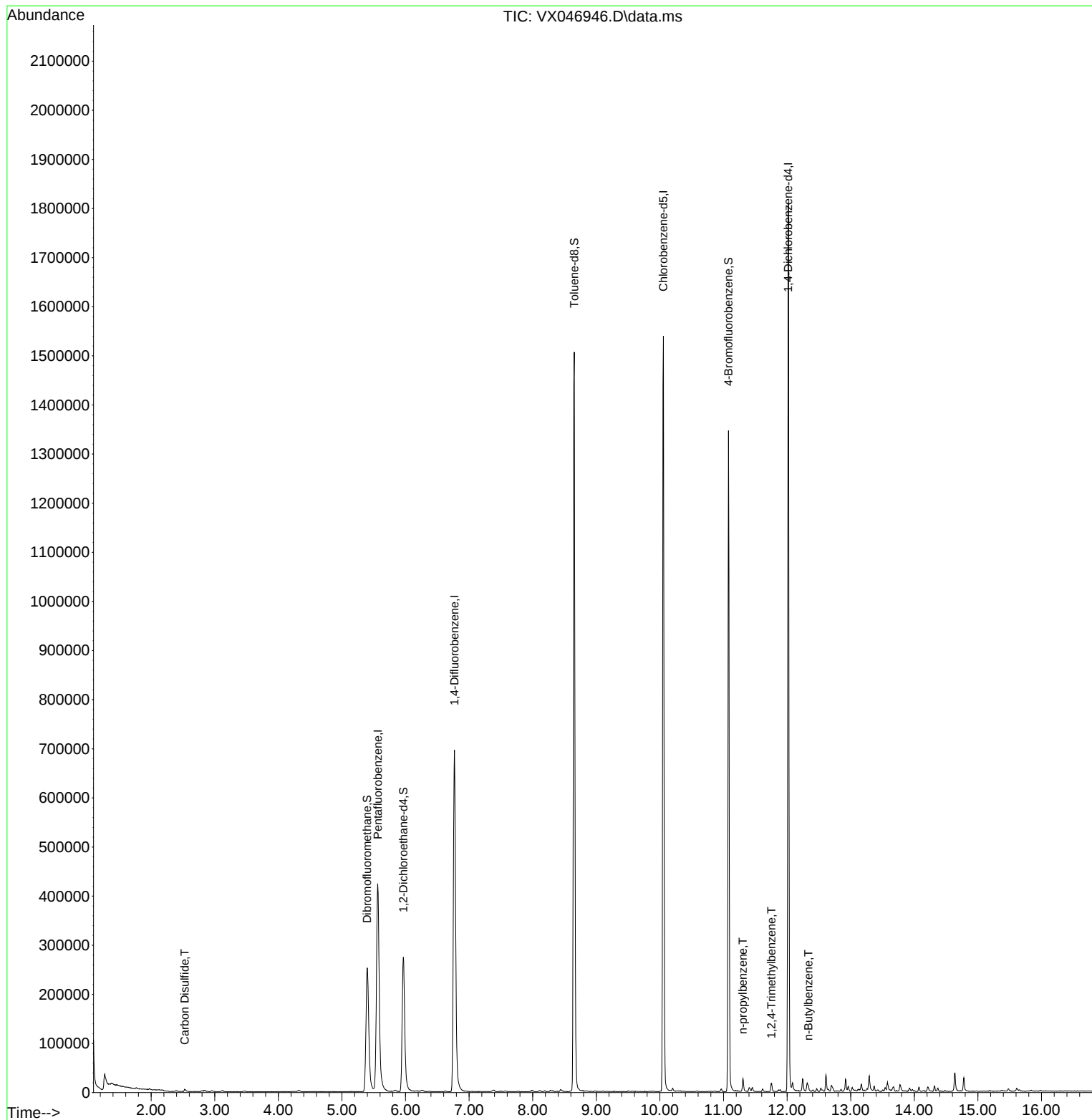
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

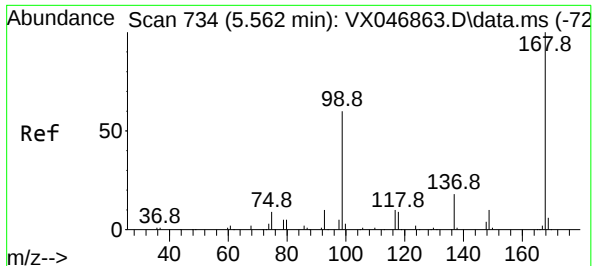
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025

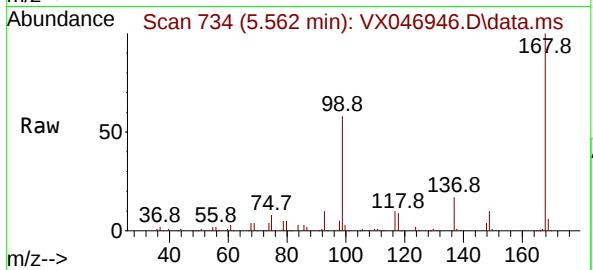
Quant Time: Jul 11 01:32:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

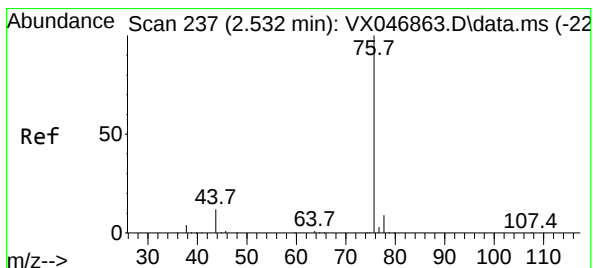
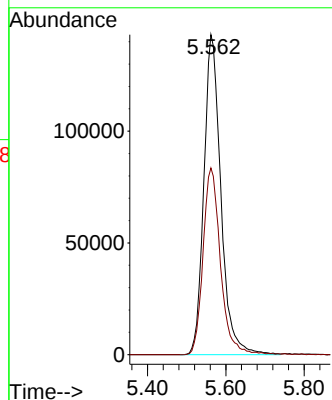
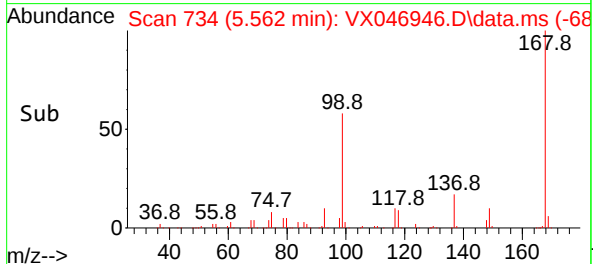
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



Tgt Ion:168 Resp: 43128
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2

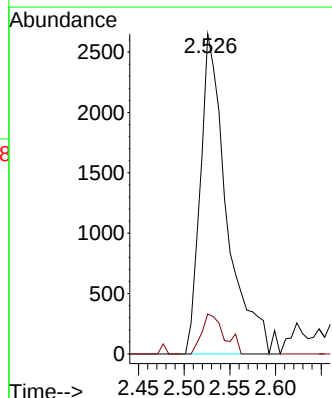
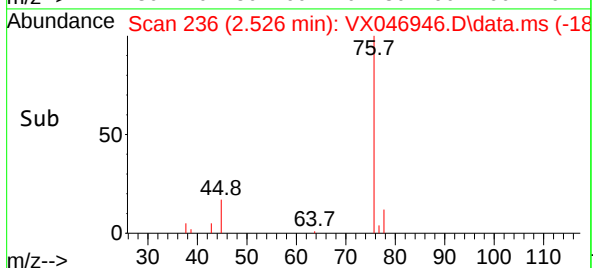
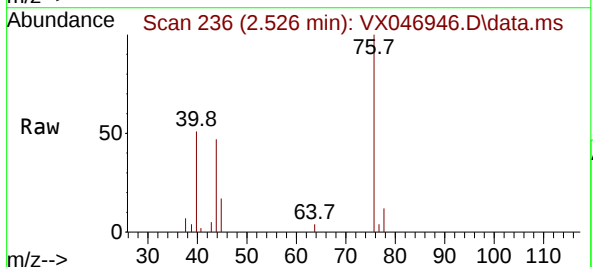
Manual Integrations
APPROVED

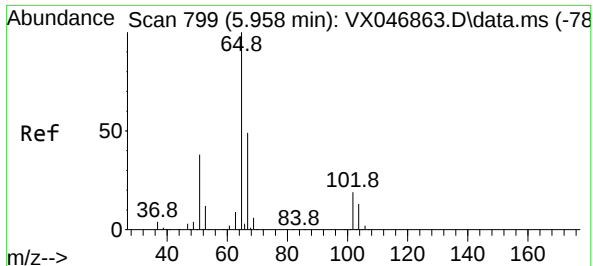
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 76 Resp: 5367
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

AOC-205

Tgt Ion: 65 Resp: 28662

Ion Ratio Lower Upper

65 100

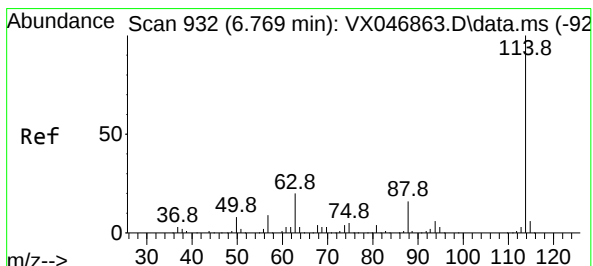
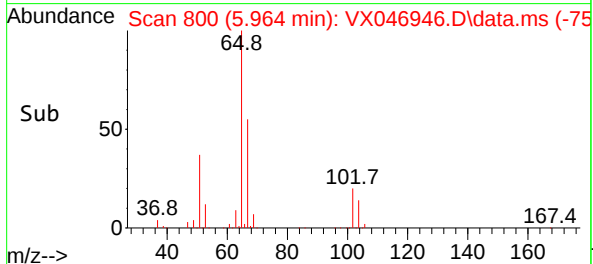
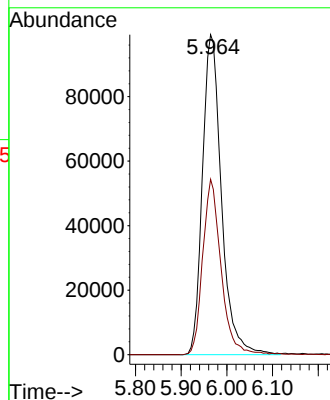
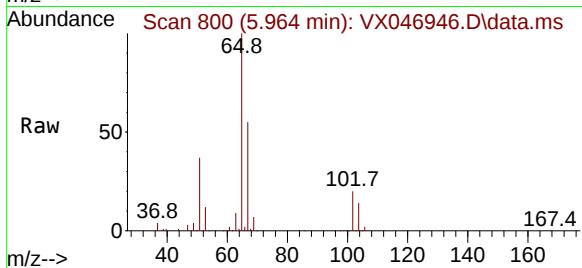
67 52.8 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

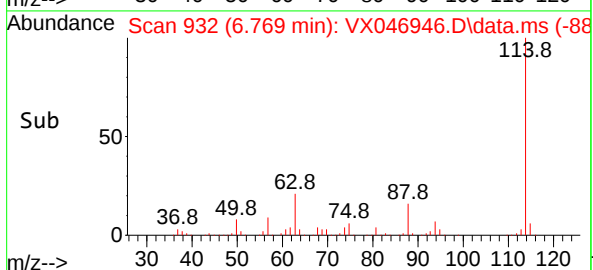
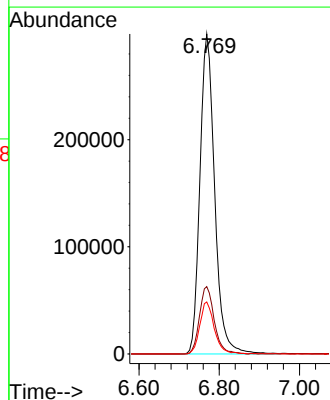
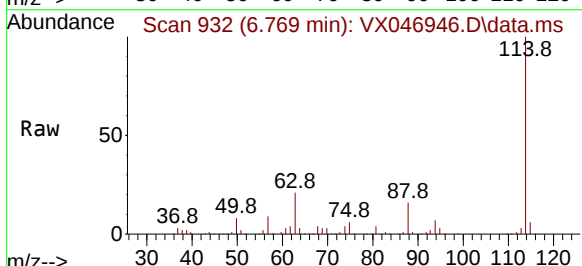
Tgt Ion:114 Resp: 760941

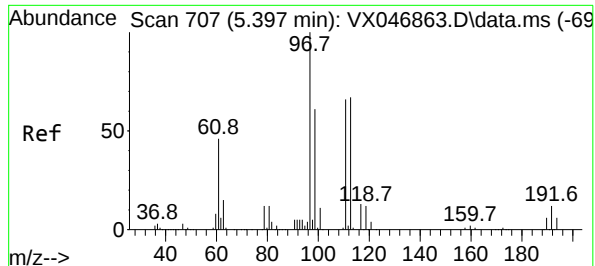
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.486 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

AOC-205

Tgt Ion:113 Resp: 24011

Ion Ratio Lower Upper

113 100

111 103.7 81.2 121.8

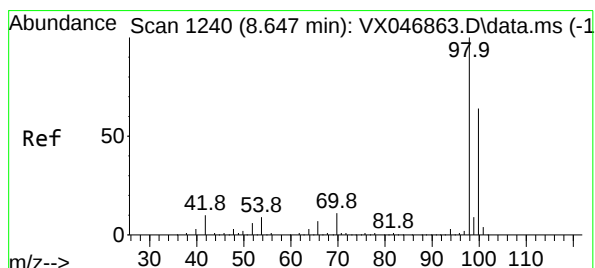
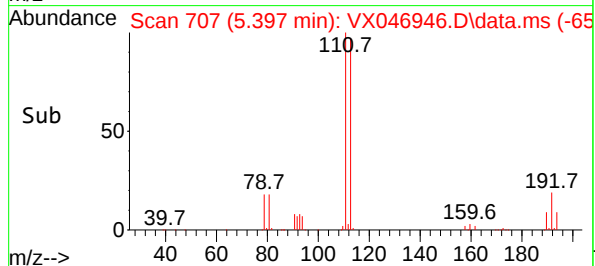
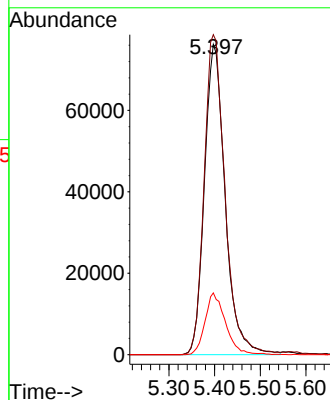
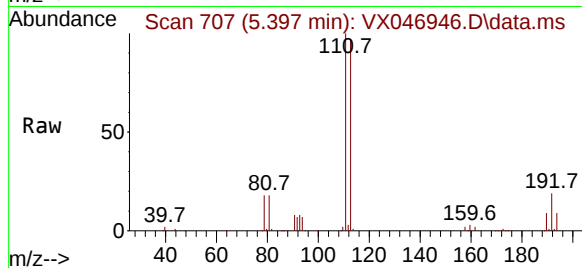
192 19.7 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#50

Toluene-d8

Concen: 49.807 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046946.D

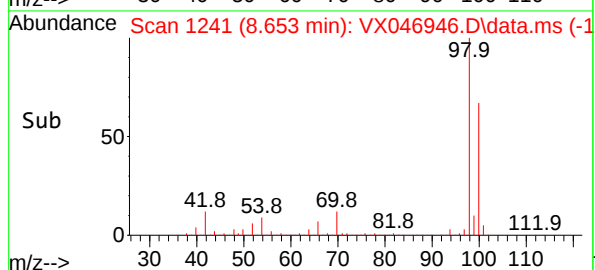
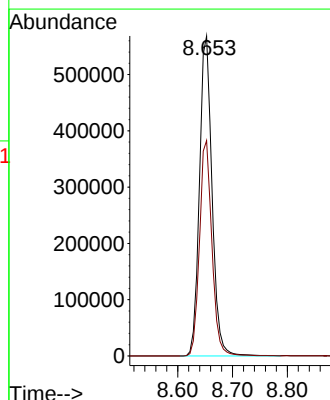
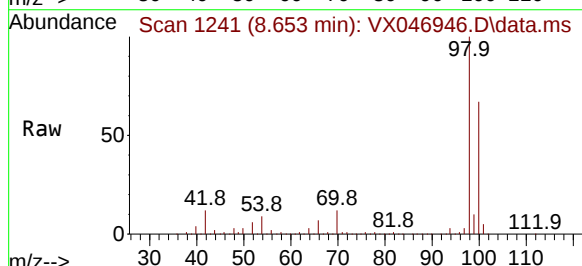
Acq: 10 Jul 2025 15:47

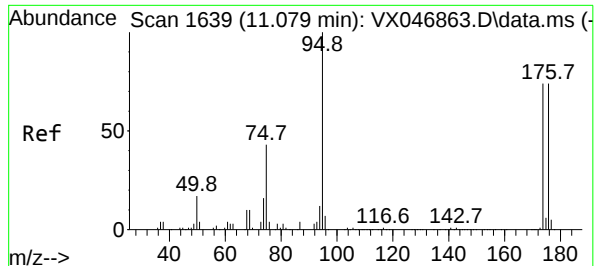
Tgt Ion: 98 Resp: 907701

Ion Ratio Lower Upper

98 100

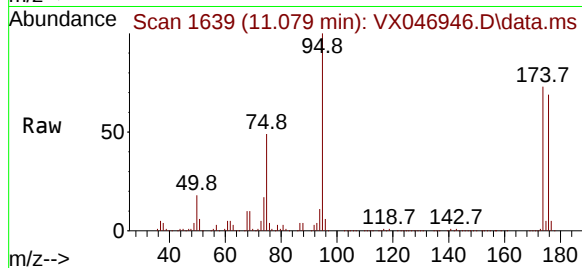
100 66.6 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

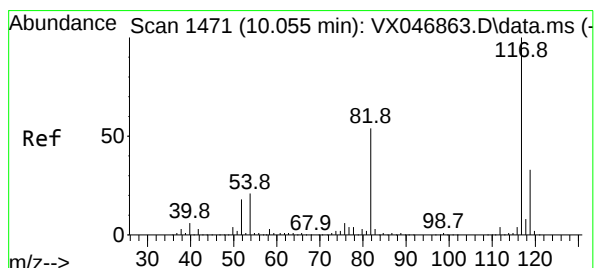
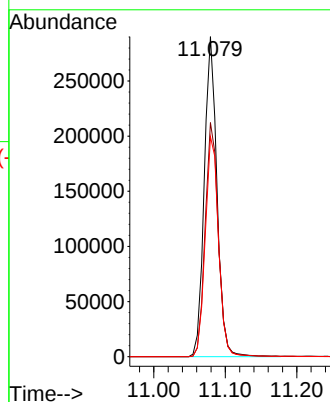
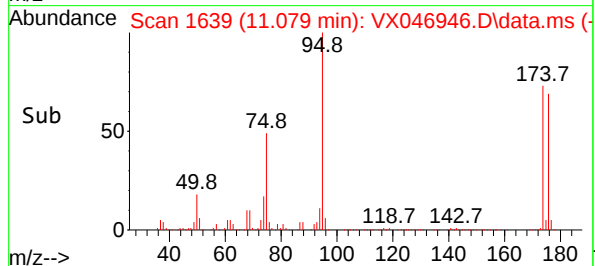
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



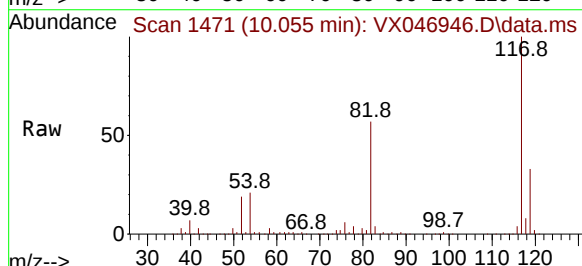
Tgt Ion: 95 Resp: 359174
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.0
176 72.0 0.0 145.2

Manual Integrations
APPROVED

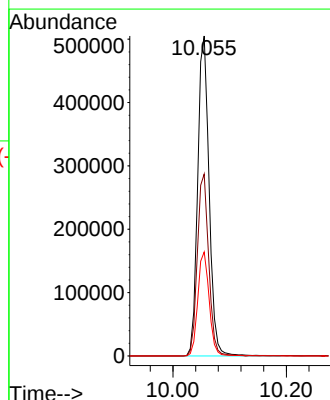
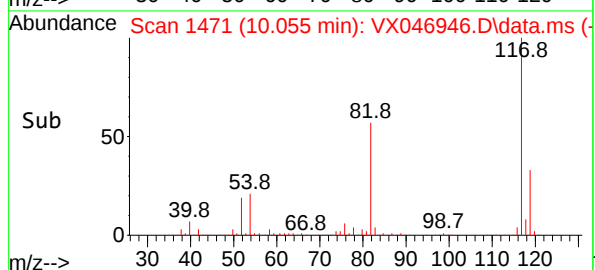
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

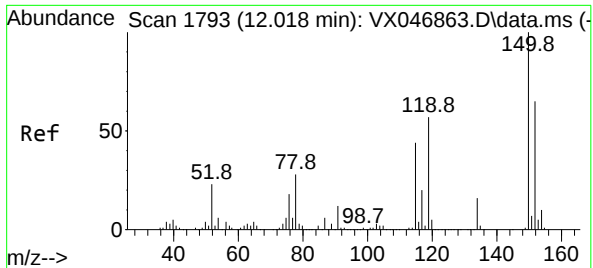


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47



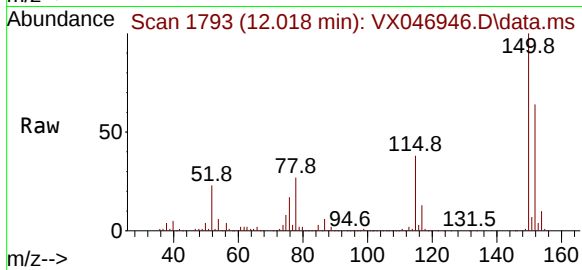
Tgt Ion:117 Resp: 704204
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

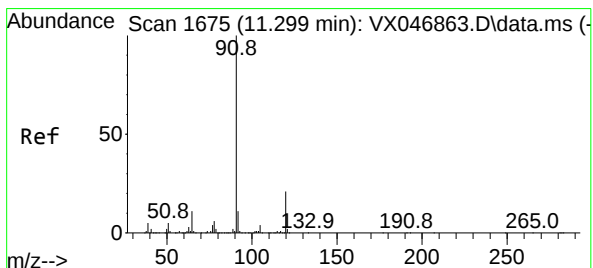
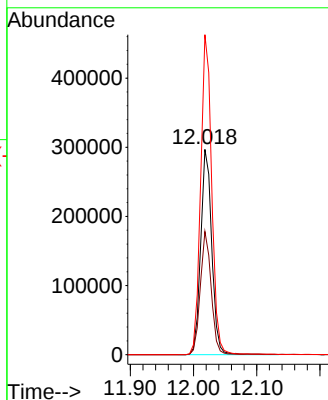
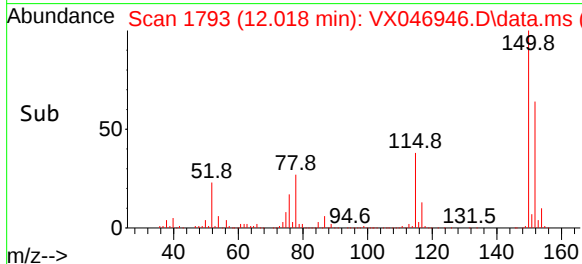
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



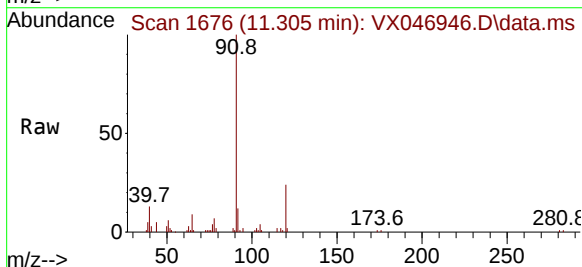
Tgt Ion:152 Resp: 36248
Ion Ratio Lower Upper
152 100
115 58.8 42.4 127.1
150 155.5 0.0 349.2

Manual Integrations
APPROVED

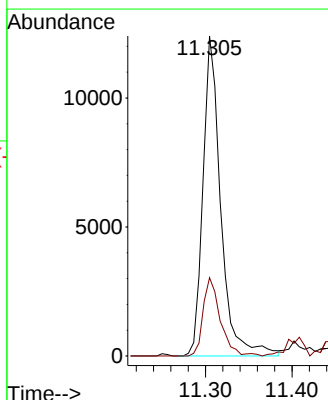
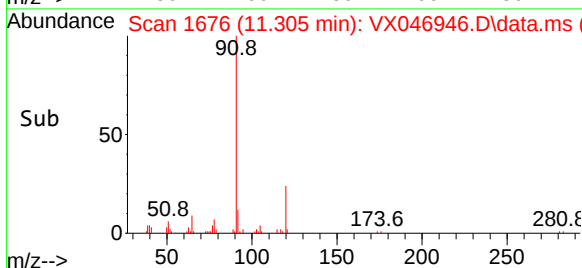
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

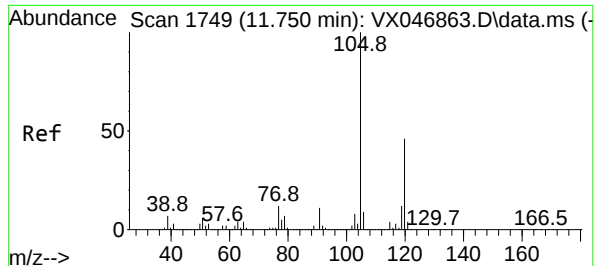


#78
n-propylbenzene
Concen: 0.577 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47



Tgt Ion: 91 Resp: 17718
Ion Ratio Lower Upper
91 100
120 23.5 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 0.434 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

AOC-205

Tgt Ion:105 Resp: 9092

Ion Ratio Lower Upper

105 100

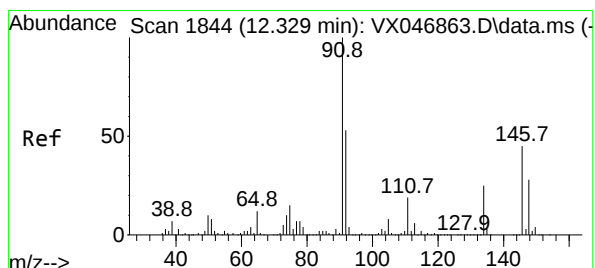
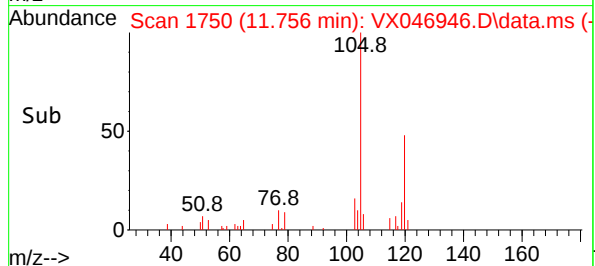
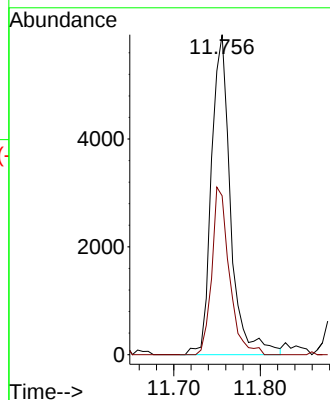
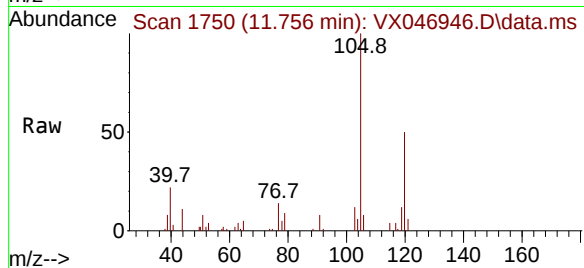
120 48.0 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#89

n-Butylbenzene

Concen: 0.237 ug/l m

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

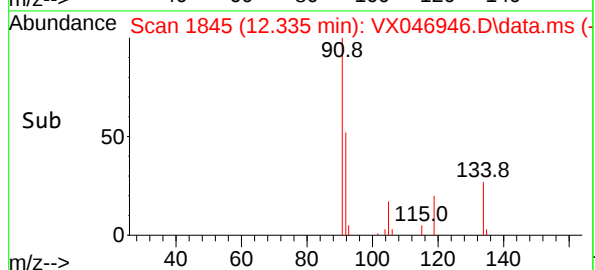
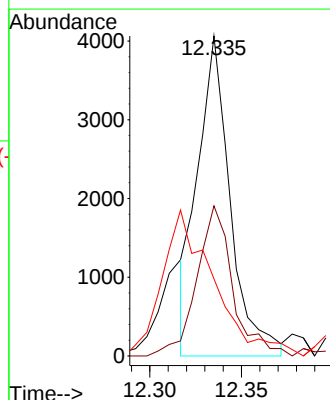
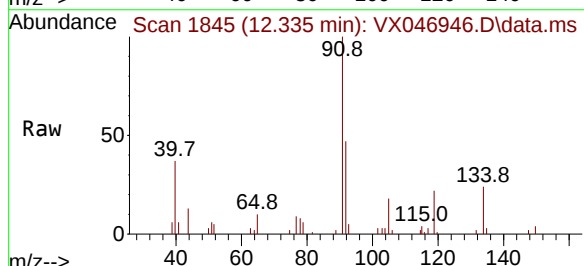
Tgt Ion: 91 Resp: 5028

Ion Ratio Lower Upper

91 100

92 51.7 27.0 81.0

134 72.1 12.8 38.4#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046946.D
 Acq On : 10 Jul 2025 15:47
 Operator : JC/MD
 Sample : Q2553-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Title : SW846 8260

Signal : TIC: VX046946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	25	30	39	rBV	31146	87623	3.63%	0.646%
2	5.397	696	707	723	rBV2	252109	790164	32.77%	5.824%
3	5.562	724	734	756	rVB	421601	1285998	53.34%	9.479%
4	5.964	790	800	821	rBV	273697	785269	32.57%	5.788%
5	6.769	922	932	957	rBV	695834	1776844	73.70%	13.097%
6	8.653	1234	1241	1259	rVB	1503633	2410942	100.00%	17.771%
7	10.055	1465	1471	1489	rBV	1537474	2162792	89.71%	15.942%
8	11.079	1634	1639	1655	rBV	1344947	1692445	70.20%	12.475%
9	11.305	1670	1676	1687	rBV	26327	38238	1.59%	0.282%
10	12.018	1788	1793	1801	rBV	1808947	2182634	90.53%	16.088%
11	12.085	1801	1804	1814	rVB2	16419	27591	1.14%	0.203%
12	12.244	1824	1830	1837	rBV2	24836	36658	1.52%	0.270%
13	12.317	1837	1842	1853	rVB5	17002	36797	1.53%	0.271%
14	12.609	1886	1890	1895	rBV	33328	43580	1.81%	0.321%
15	12.695	1900	1904	1913	rVB5	11757	24187	1.00%	0.178%
16	12.920	1934	1941	1945	rBV	24103	33926	1.41%	0.250%
17	13.292	1998	2002	2012	rVB5	28623	41953	1.74%	0.309%
18	14.639	2213	2223	2235	rBV	37427	64036	2.66%	0.472%
19	14.780	2239	2246	2261	rVB2	27637	45355	1.88%	0.334%

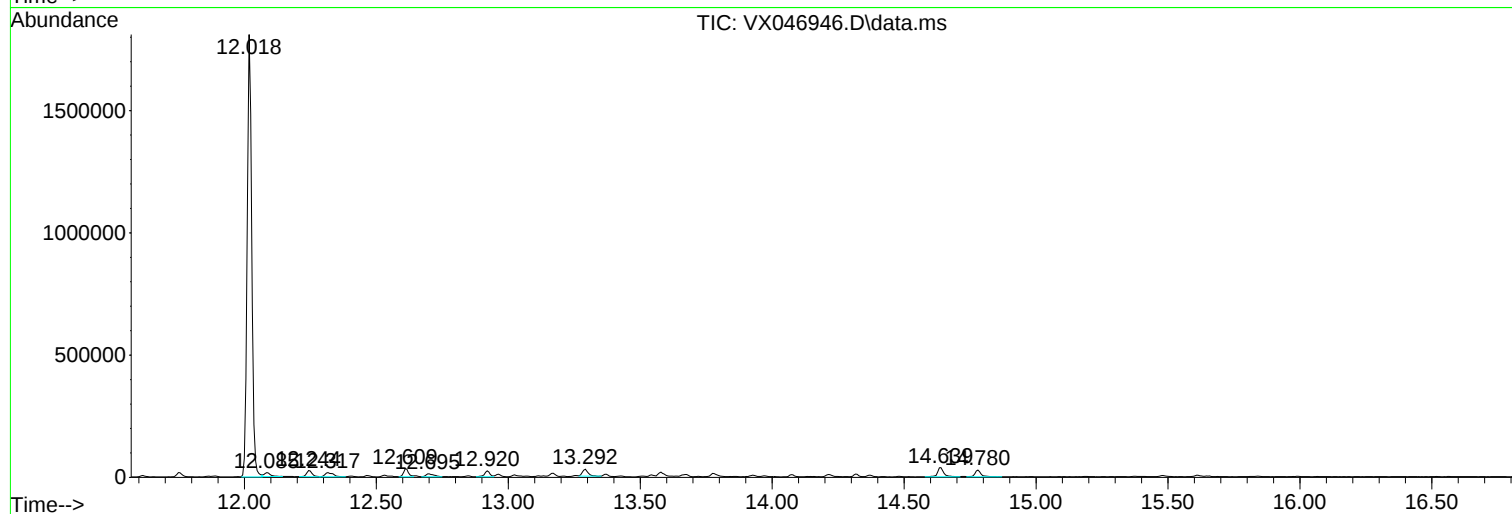
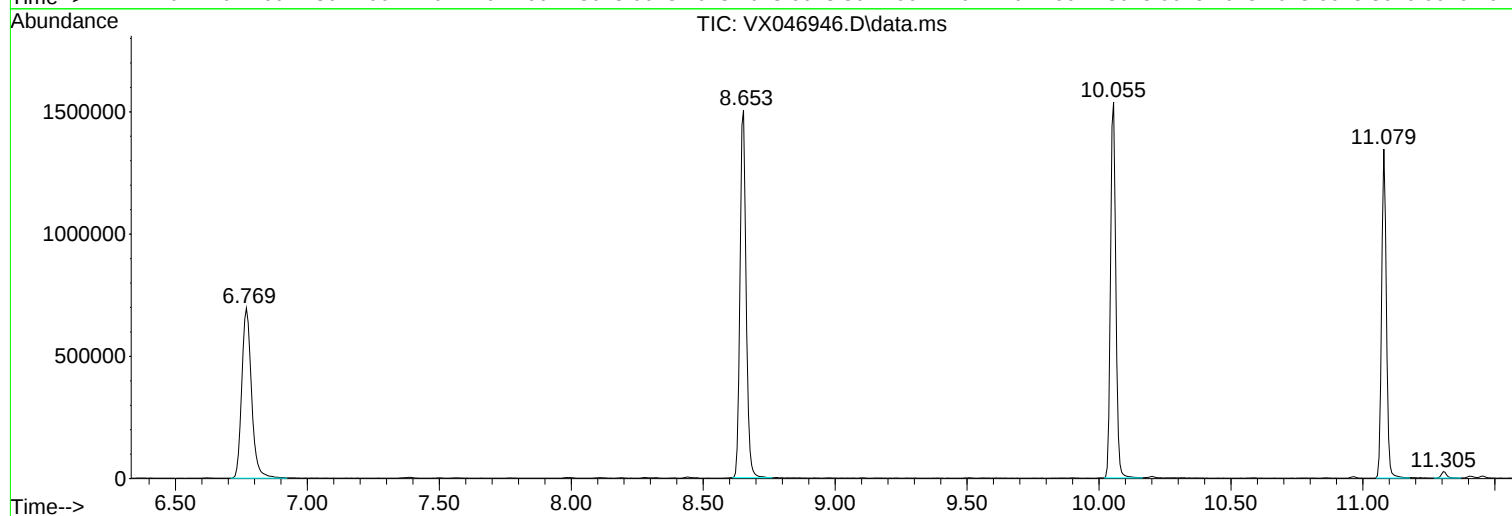
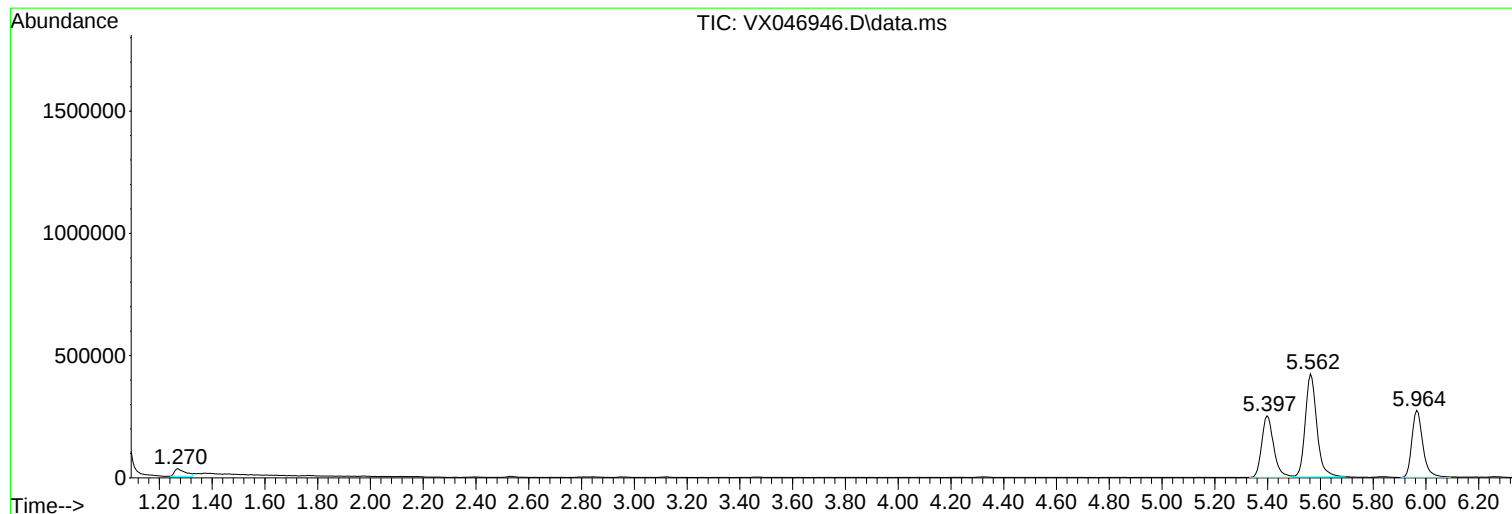
Sum of corrected areas: 13567032

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046984.D	1	07/14/25 18:56	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.20	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.89	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	UQ	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.55	J	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046984.D	1	07/14/25 18:56	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	357000	5.568			
540-36-3	1,4-Difluorobenzene	603000	6.769			
3114-55-4	Chlorobenzene-d5	549000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	281000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046984.D	1	07/14/25 18:56	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046984.D
 Acq On : 14 Jul 2025 18:56
 Operator : JC/MD
 Sample : Q2553-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jul 14 20:01:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

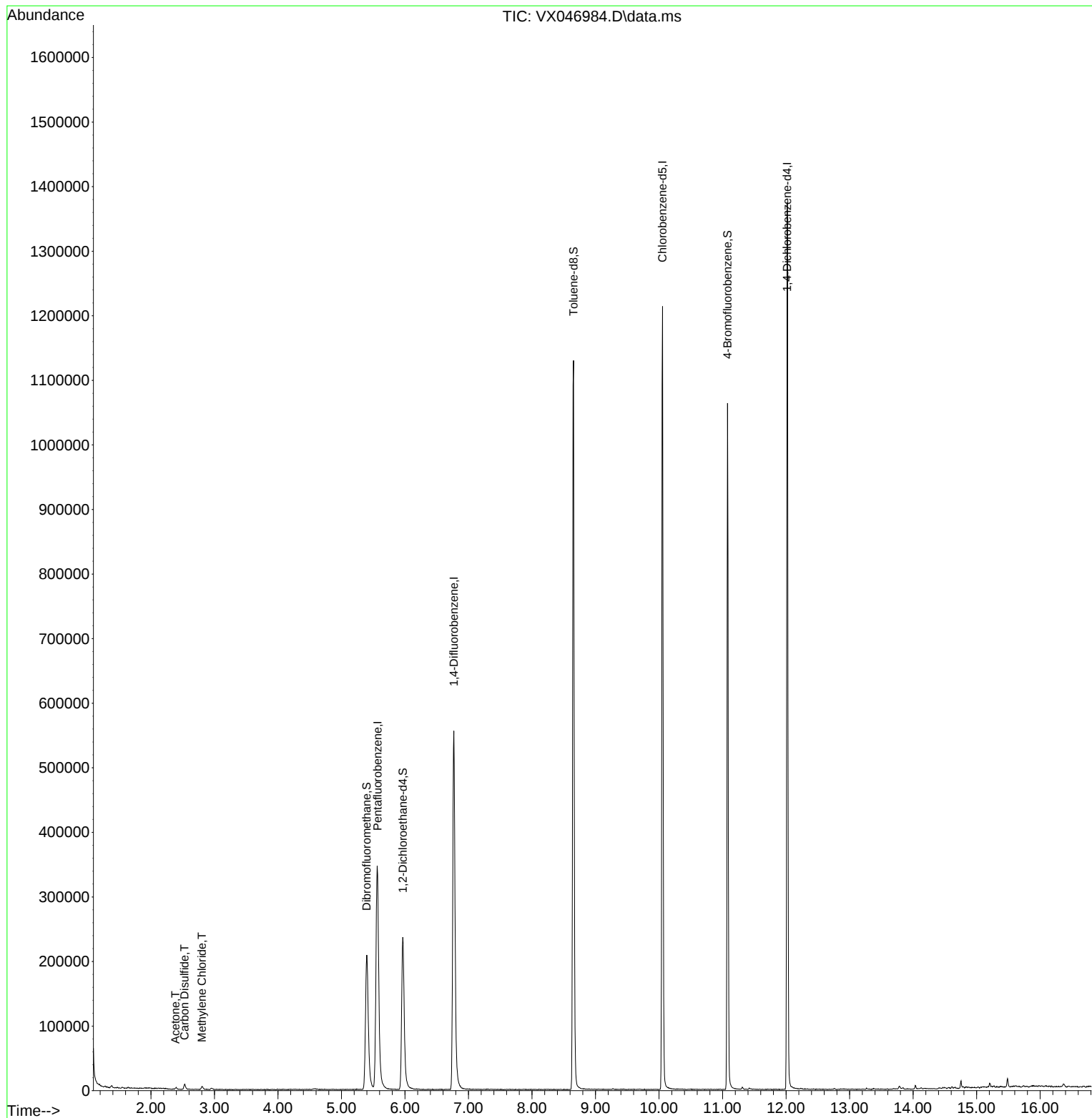
Internal Standards						
1) Pentafluorobenzene	5.568	168	356948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	602998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	248196	52.633	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.260%	
35) Dibromofluoromethane	5.397	113	199290	48.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.380%	
50) Toluene-d8	8.653	98	691698	47.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.800%	
62) 4-Bromofluorobenzene	11.079	95	284303	51.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.600%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3233	2.207	ug/l #	68
17) Carbon Disulfide	2.526	76	9009	0.888	ug/l	96
20) Methylene Chloride	2.800	84	2370	0.547	ug/l	87

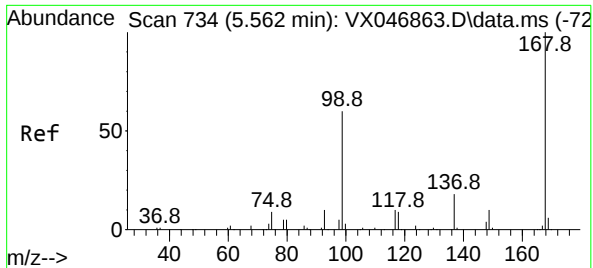
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Time: Jul 14 20:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX046984.D

Acq: 14 Jul 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

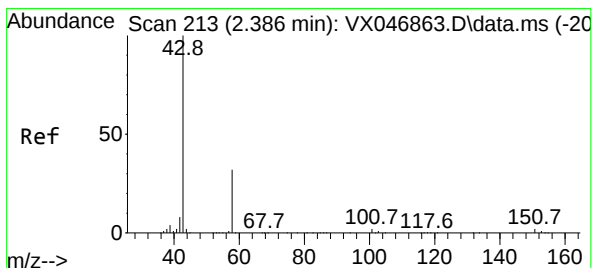
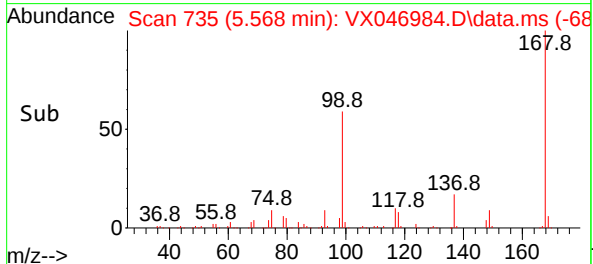
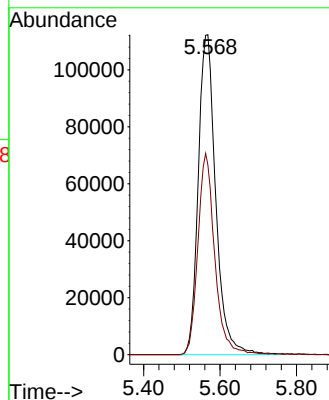
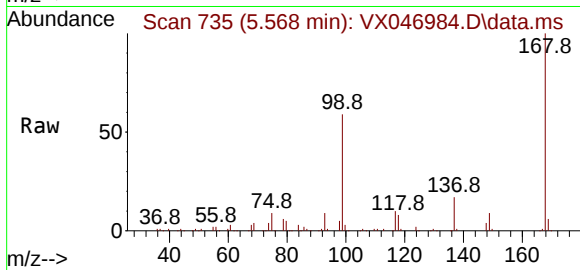
FB

Tgt Ion:168 Resp: 356948

Ion Ratio Lower Upper

168 100

99 59.3 48.8 73.2



#16

Acetone

Concen: 2.207 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX046984.D

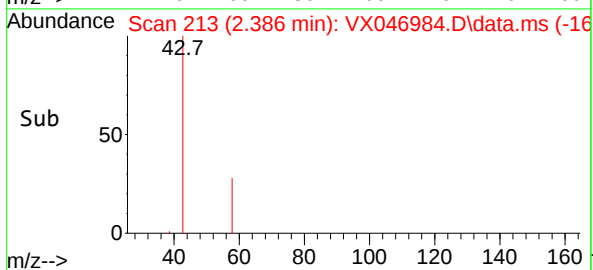
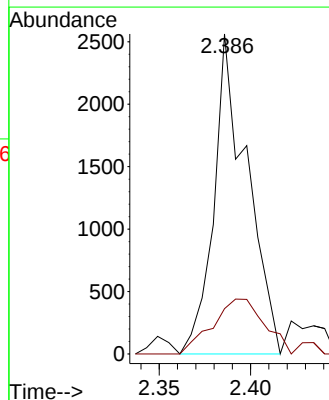
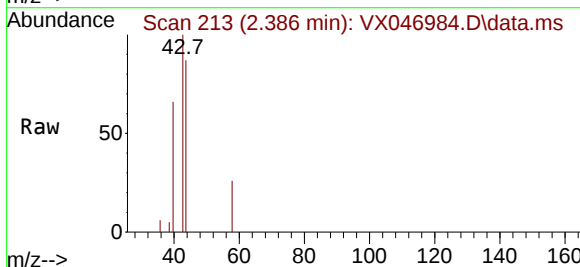
Acq: 14 Jul 2025 18:56

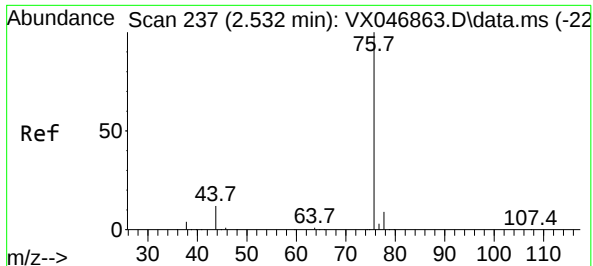
Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

58 14.1 25.8 38.6#

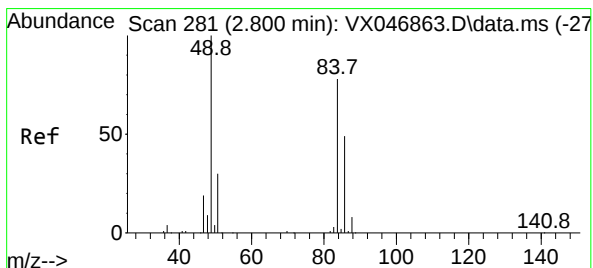
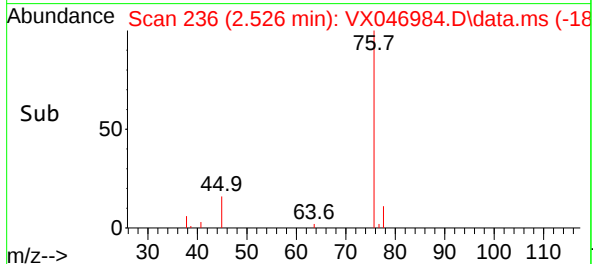
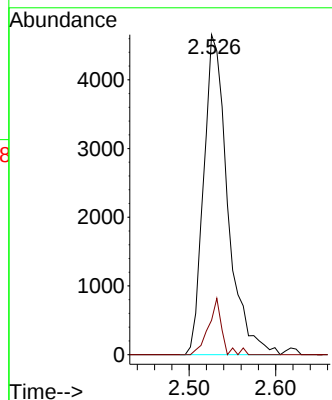
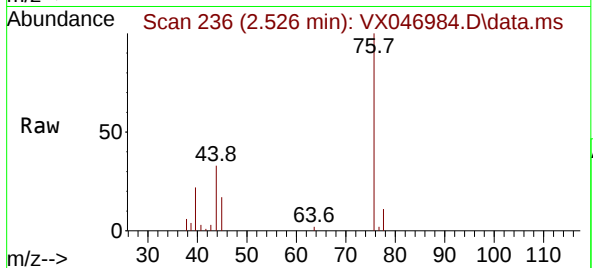




#17
Carbon Disulfide
Concen: 0.888 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

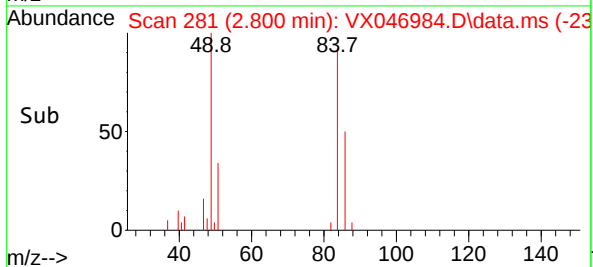
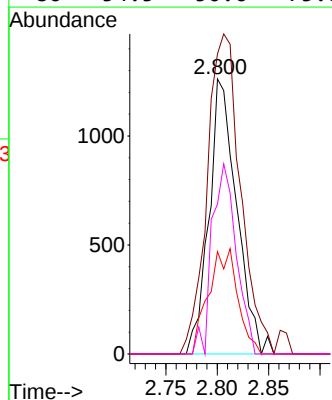
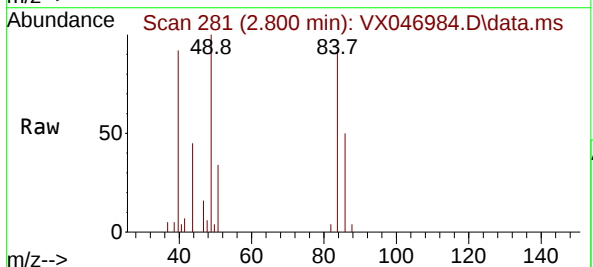
Instrument :
MSVOA_X
ClientSampleId :
FB

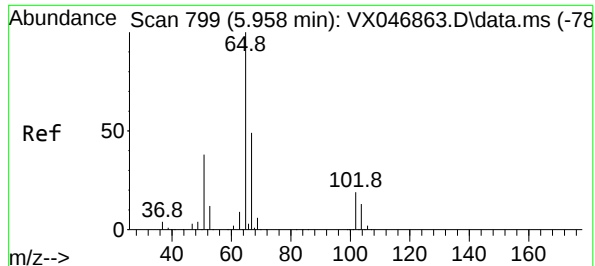
Tgt Ion: 76 Resp: 9009
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2



#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 84 Resp: 2370
Ion Ratio Lower Upper
84 100
49 109.0 102.8 154.2
51 37.2 31.1 46.7
86 54.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 52.633 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046984.D

Acq: 14 Jul 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

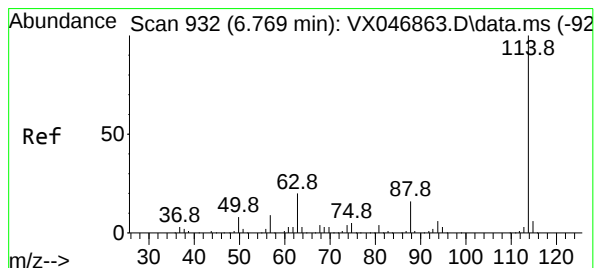
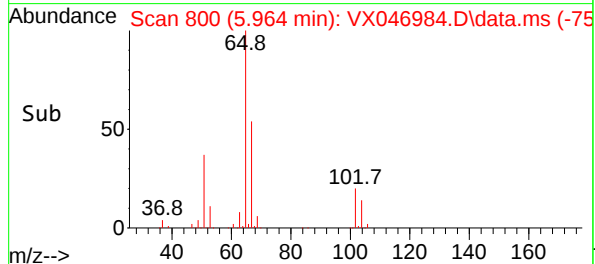
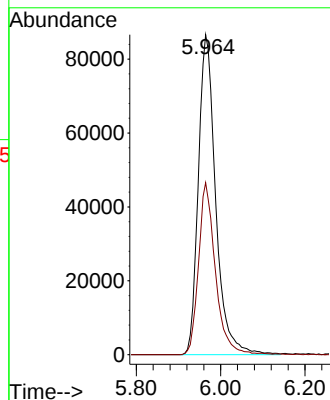
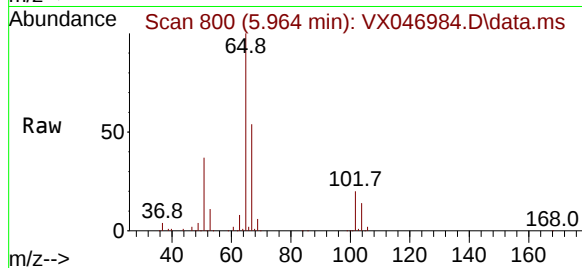
FB

Tgt Ion: 65 Resp: 248196

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046984.D

Acq: 14 Jul 2025 18:56

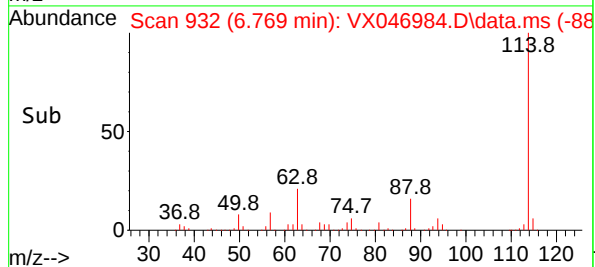
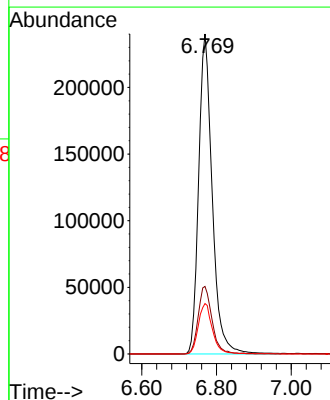
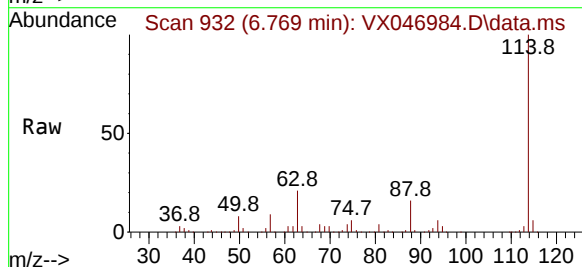
Tgt Ion: 114 Resp: 602998

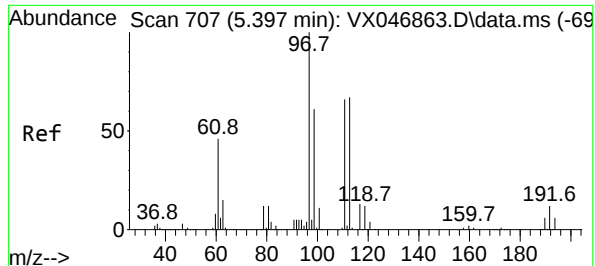
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.688 ug/l

RT: 5.397 min Scan# 70

Delta R.T. -0.000 min

Lab File: VX046984.D

Acq: 14 Jul 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

FB

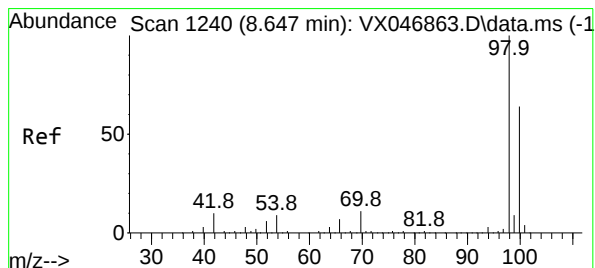
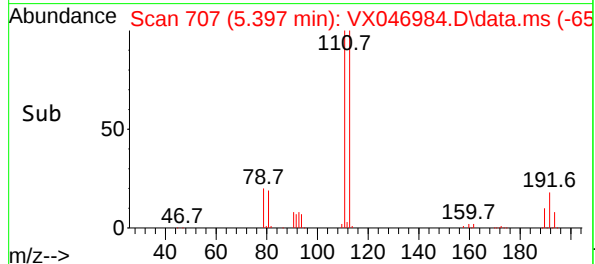
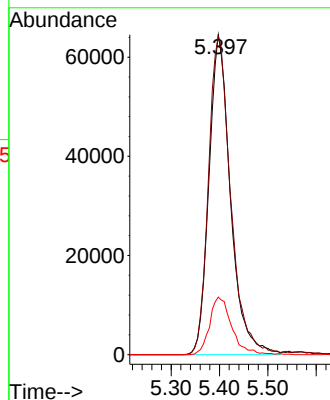
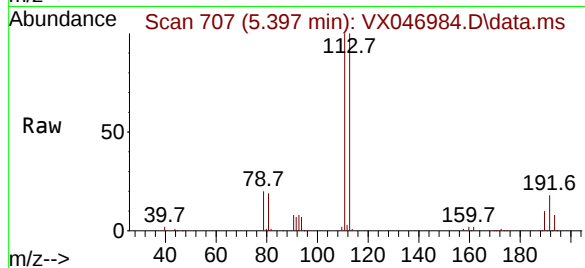
Tgt Ion:113 Resp: 199290

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 18.6 15.3 22.9



#50

Toluene-d8

Concen: 47.896 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046984.D

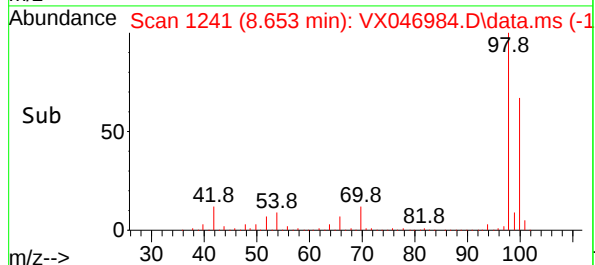
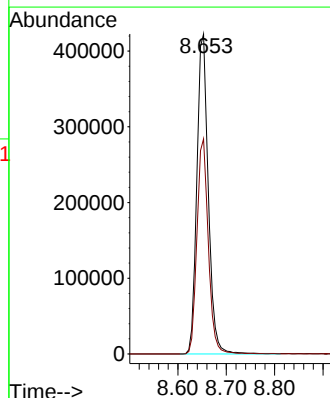
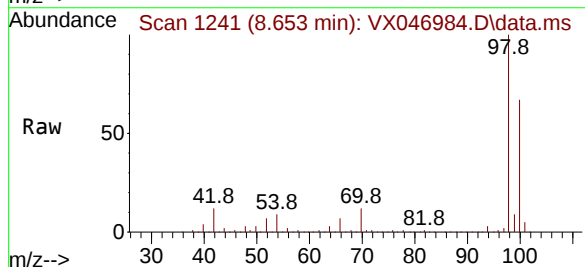
Acq: 14 Jul 2025 18:56

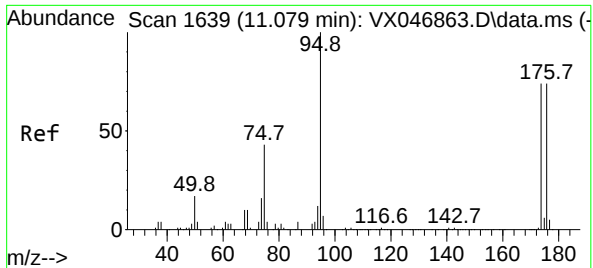
Tgt Ion: 98 Resp: 691698

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6

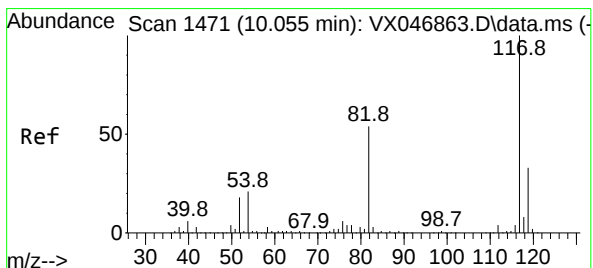
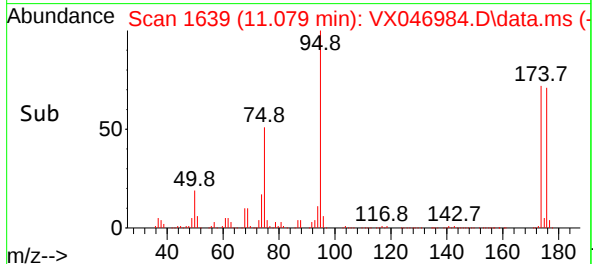
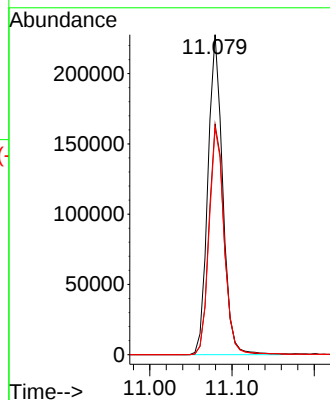
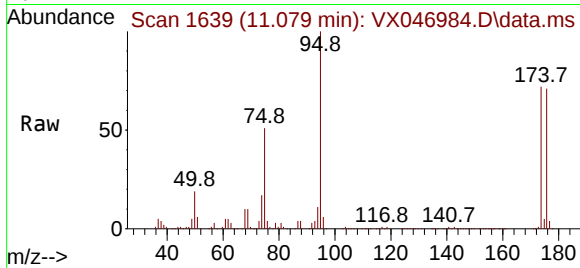




#62
4-Bromofluorobenzene
Concen: 51.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

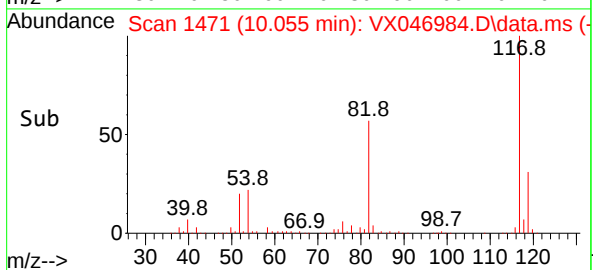
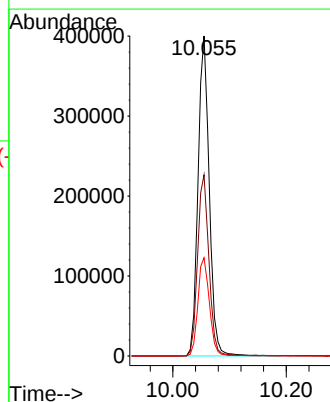
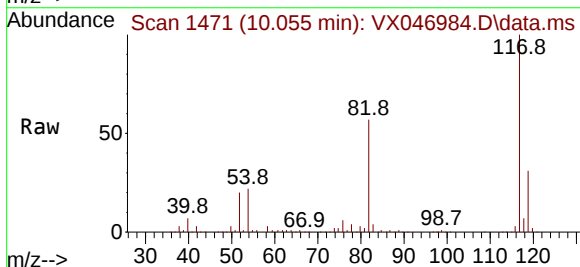
Instrument :
MSVOA_X
ClientSampleId :
FB

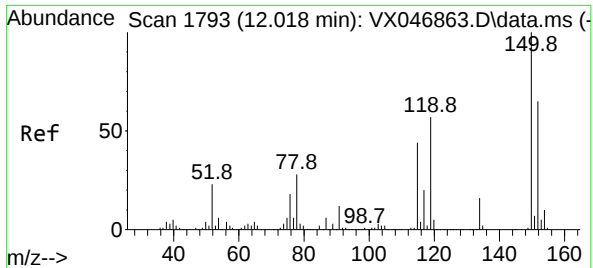
Tgt Ion: 95 Resp: 284303
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.0
176 72.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 117 Resp: 548783
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 30.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046984.D

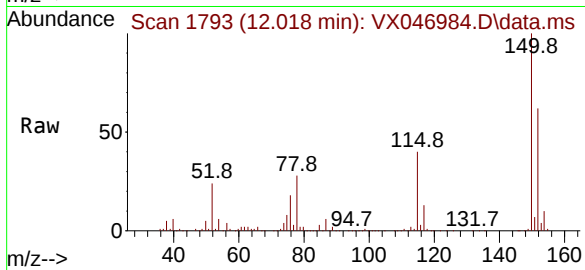
Acq: 14 Jul 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

FB



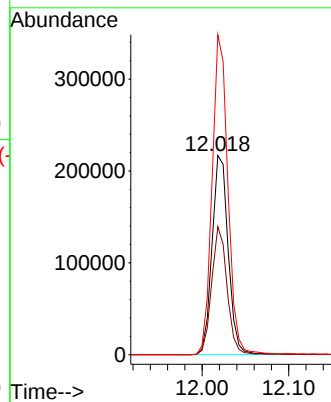
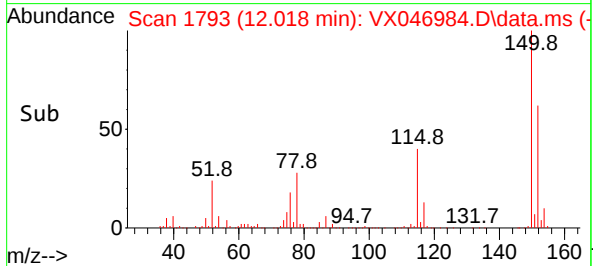
Tgt Ion:152 Resp: 281291

Ion Ratio Lower Upper

152 100

115 61.8 42.4 127.1

150 156.8 0.0 349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M

Title : SW846 8260

Signal : TIC: VX046984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	697	707	724	rBV4	207987	651553	34.99%	6.229%
2	5.562	724	734	762	rVB	345315	1080512	58.02%	10.329%
3	5.964	790	800	819	rBV	235914	679570	36.49%	6.496%
4	6.769	923	932	956	rBV	555112	1417981	76.14%	13.555%
5	8.653	1234	1241	1256	rBV	1128894	1862378	100.00%	17.804%
6	10.055	1465	1471	1484	rBV	1212333	1692515	90.88%	16.180%
7	11.079	1634	1639	1658	rBV	1062325	1343171	72.12%	12.840%
8	12.018	1788	1793	1804	rBV	1373098	1732979	93.05%	16.567%

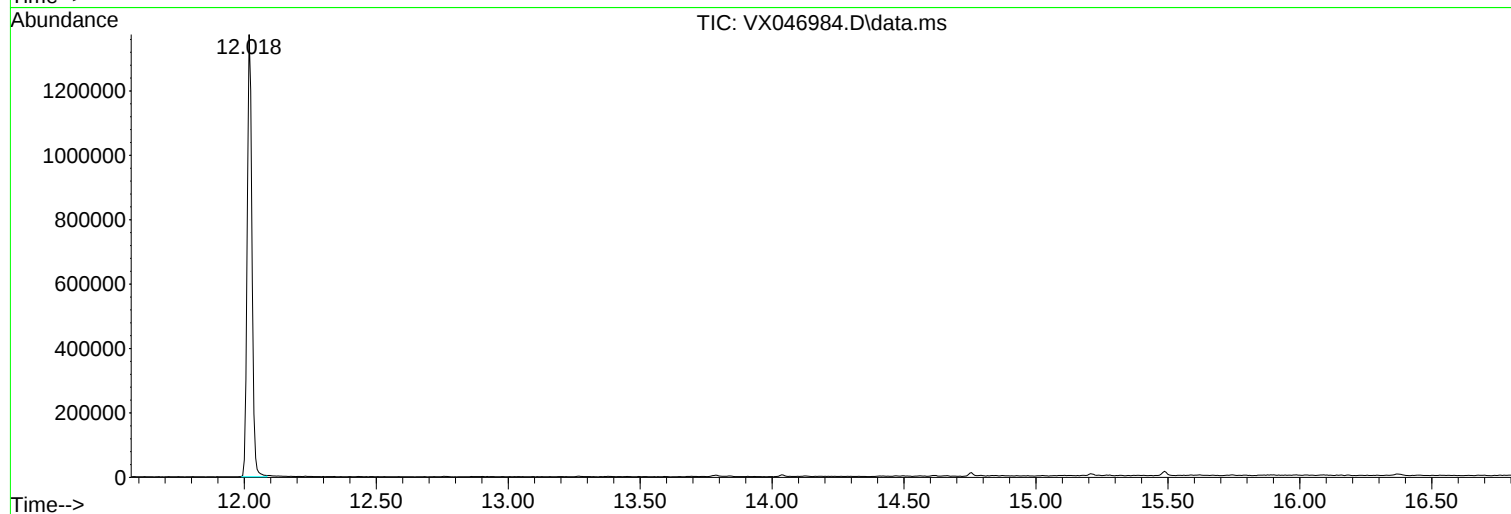
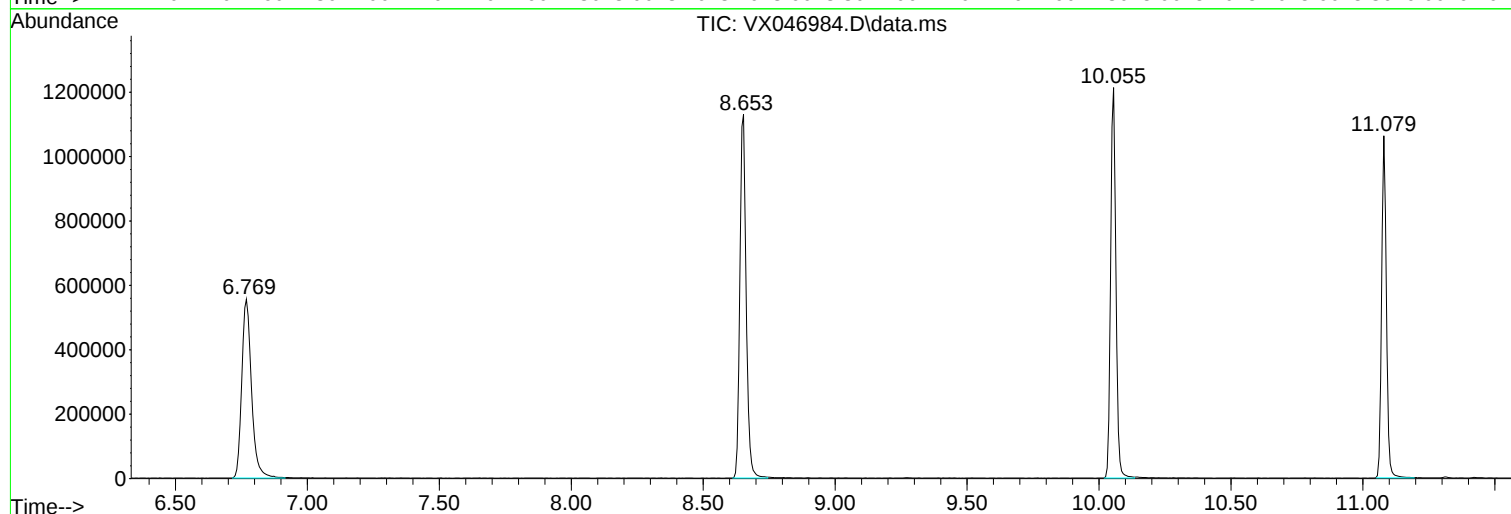
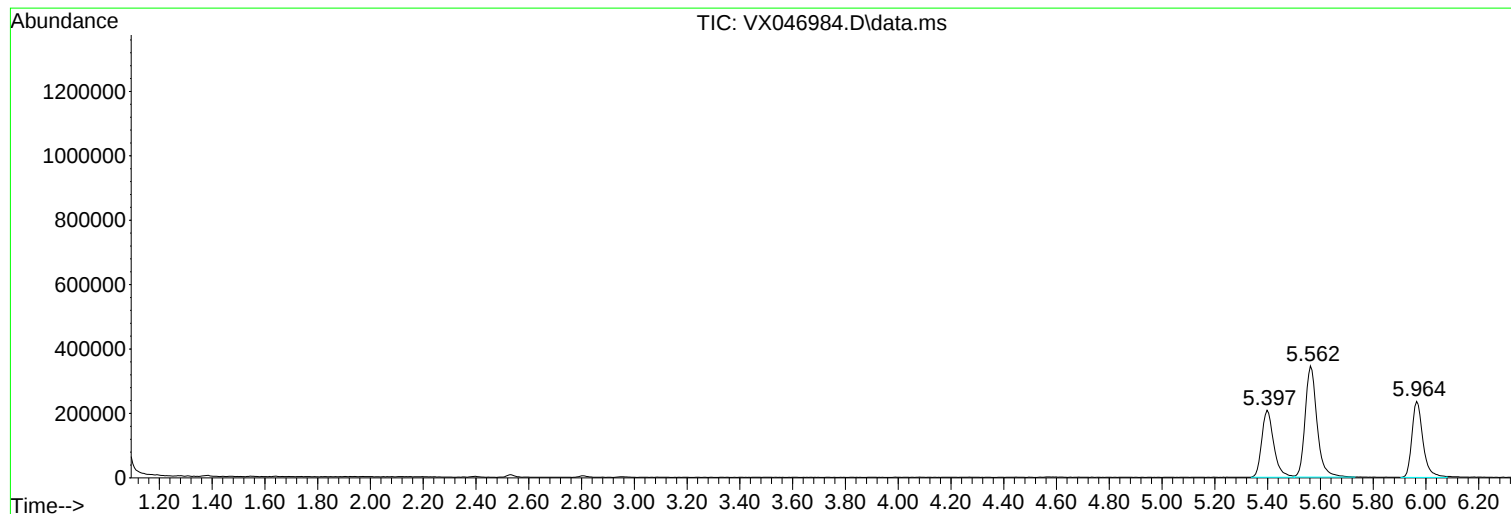
Sum of corrected areas: 10460659

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	354000	5.562			
540-36-3	1,4-Difluorobenzene	643000	6.769			
3114-55-4	Chlorobenzene-d5	599000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	308000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046939.D
 Acq On : 10 Jul 2025 13:18
 Operator : JC/MD
 Sample : Q2553-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	354436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	642674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	599480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	308124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	255734	54.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.240%
35) Dibromofluoromethane	5.397	113	213280	48.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.653	98	772213	50.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	302008	51.627	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%

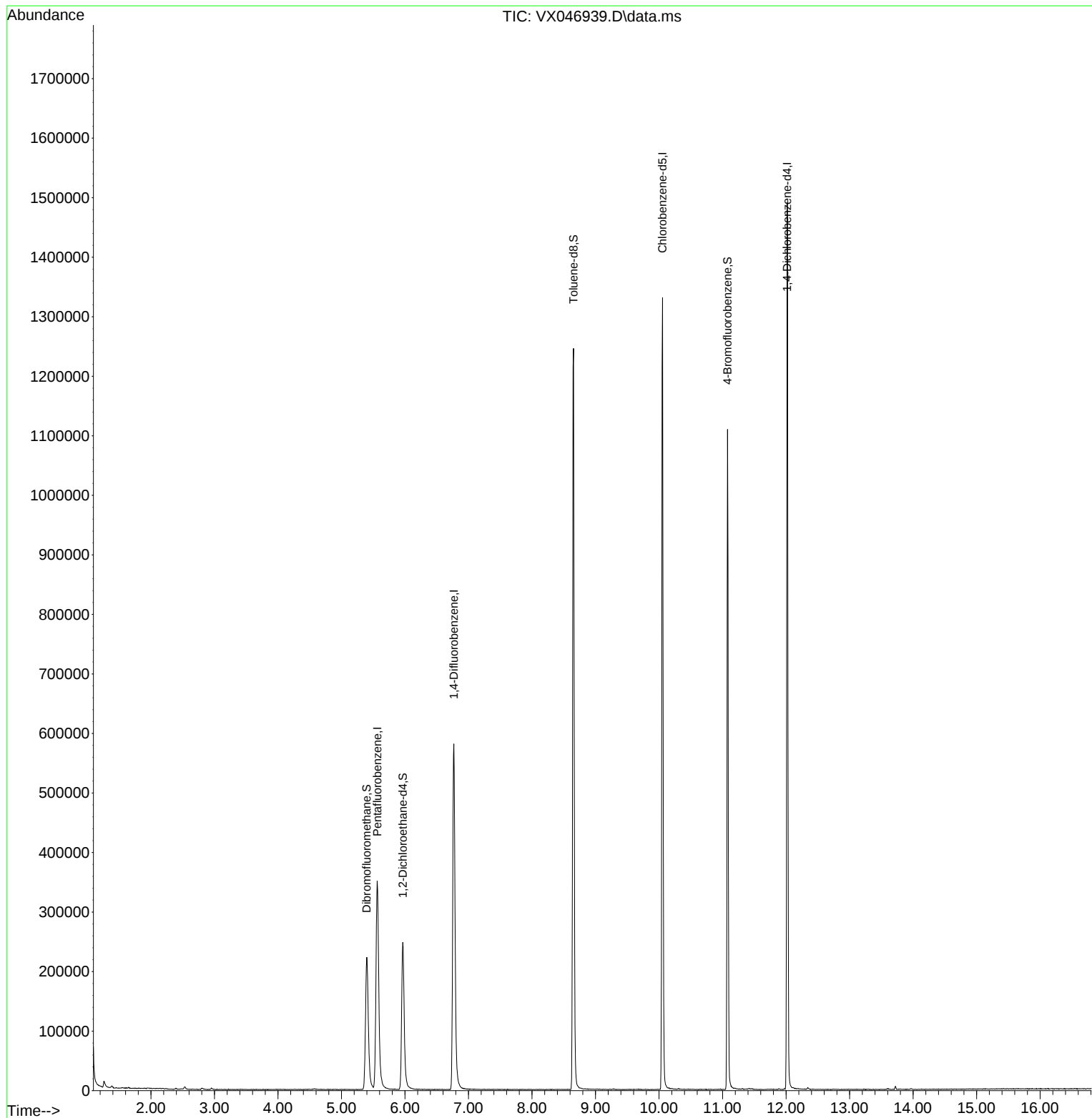
Target Compounds	Qvalue

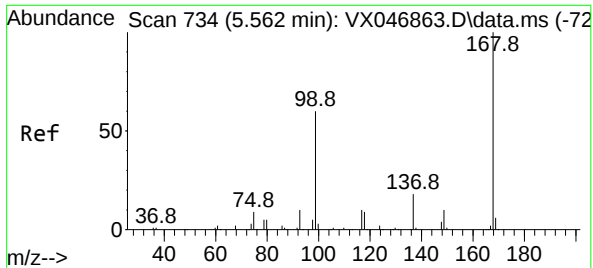
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

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

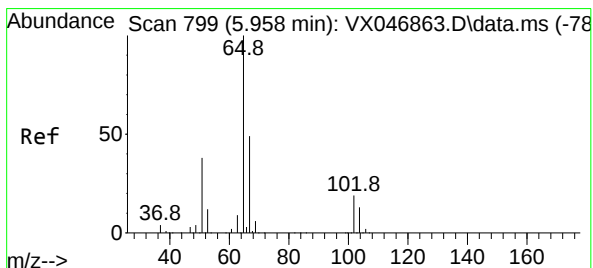
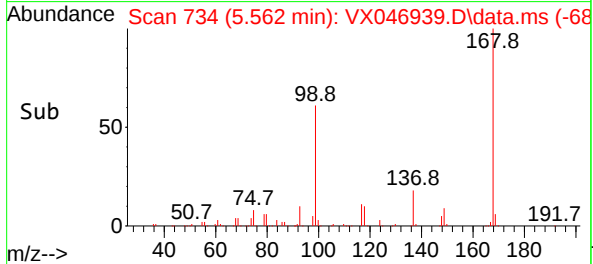
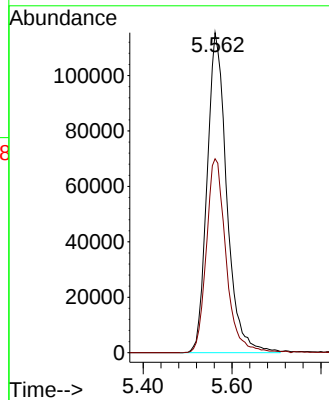
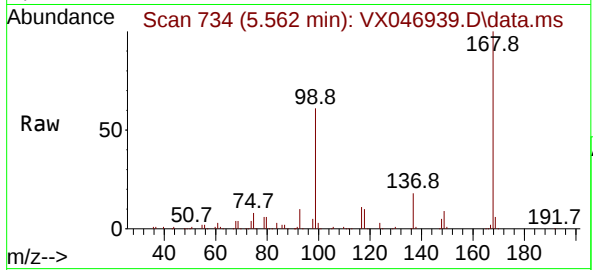




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

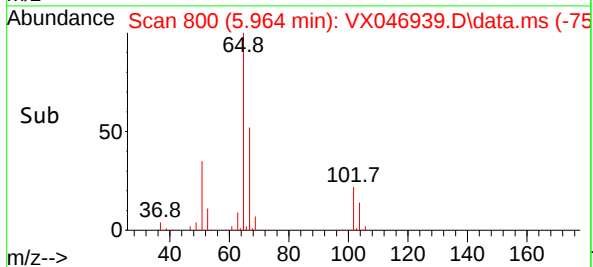
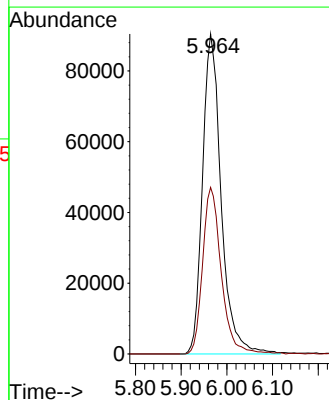
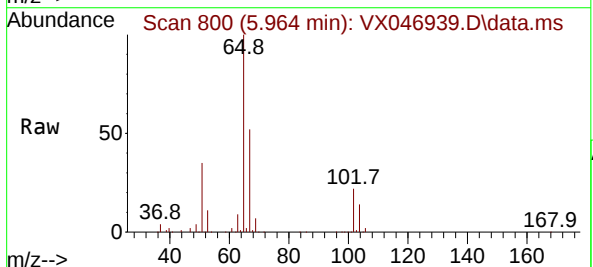
Instrument :
MSVOA_X
ClientSampleId :
TB

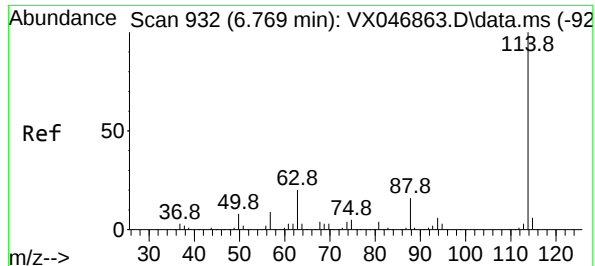
Tgt Ion:168 Resp: 354436
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.615 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

Tgt Ion: 65 Resp: 255734
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TB

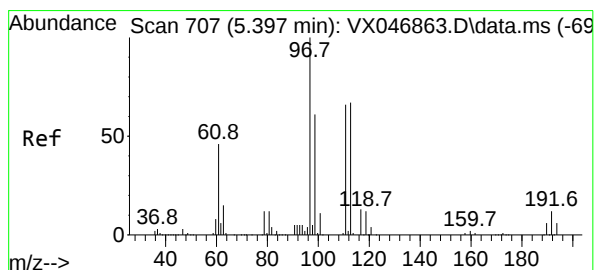
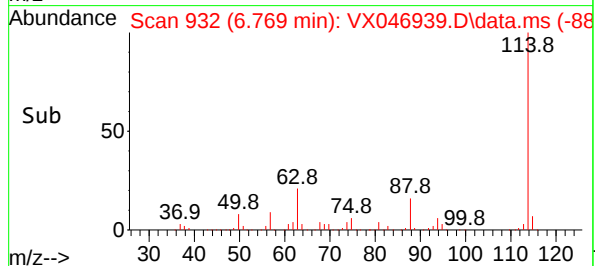
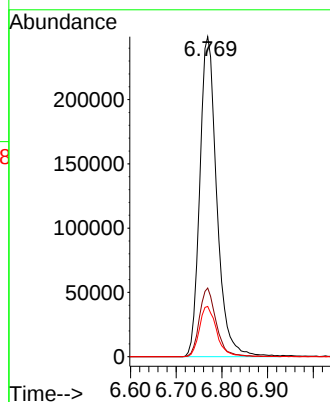
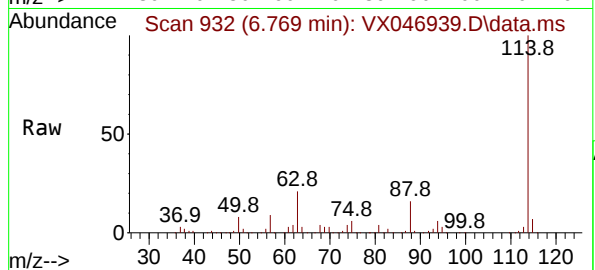
Tgt Ion:114 Resp: 642674

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.890 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

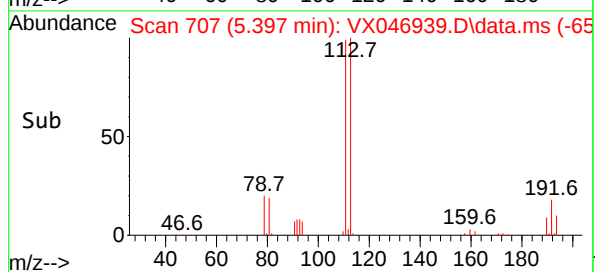
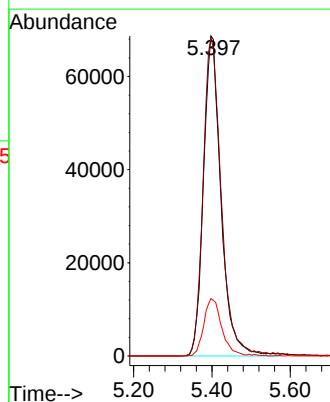
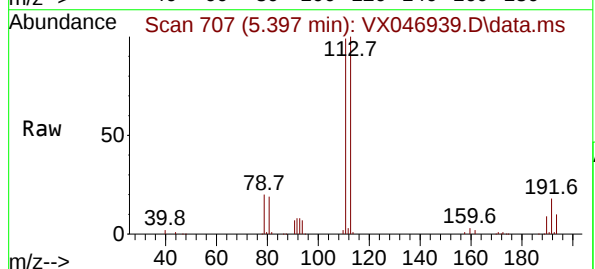
Tgt Ion:113 Resp: 213280

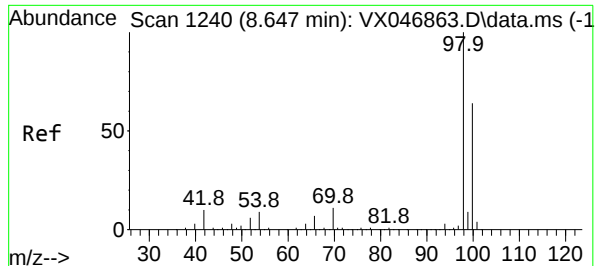
Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 18.3 15.3 22.9





#50

Toluene-d8

Concen: 50.170 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

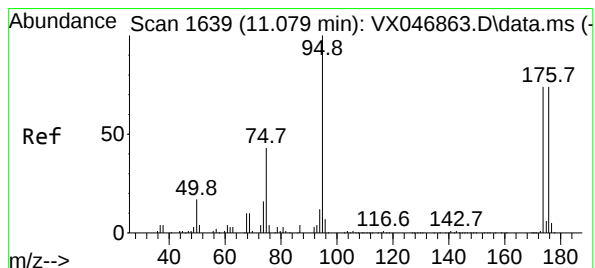
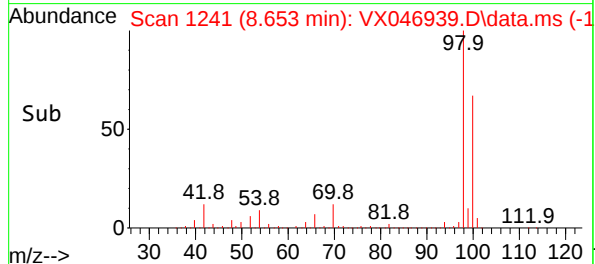
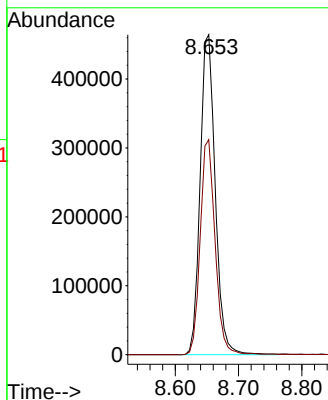
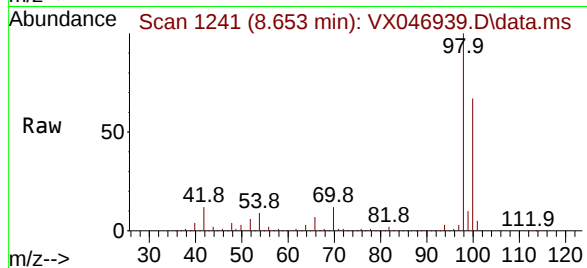
TB

Tgt Ion: 98 Resp: 772213

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.627 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

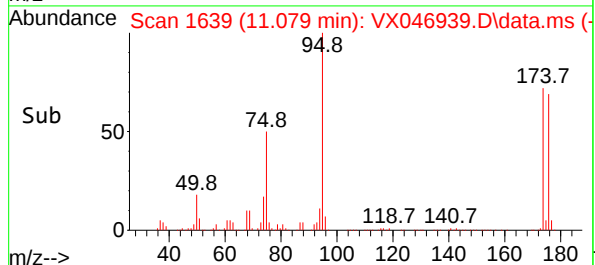
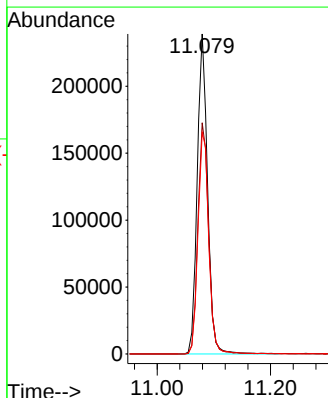
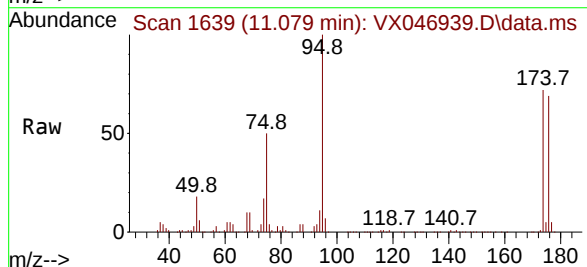
Tgt Ion: 95 Resp: 302008

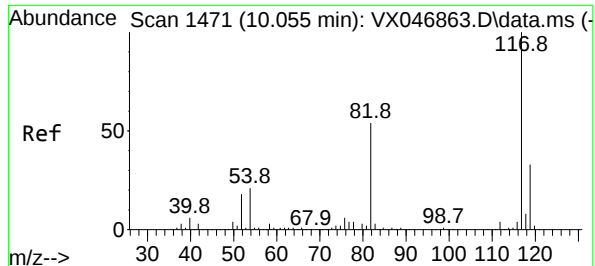
Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.0

176 72.1 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TB

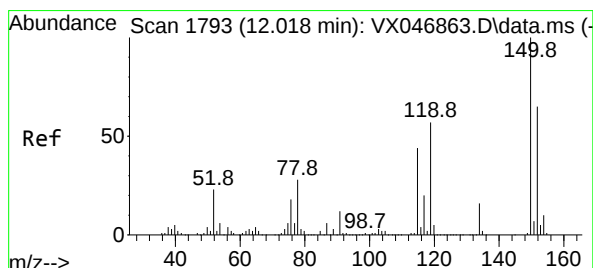
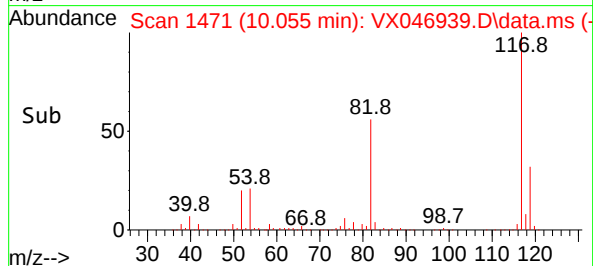
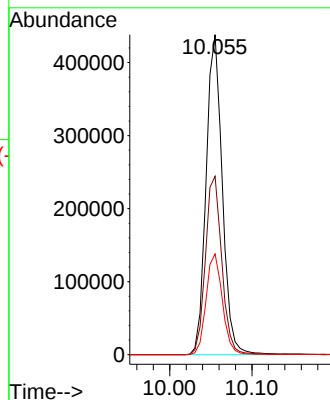
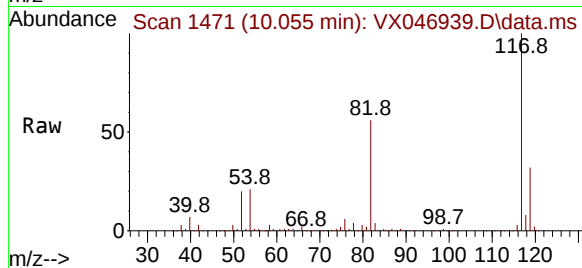
Tgt Ion:117 Resp: 599480

Ion Ratio Lower Upper

117 100

82 55.7 43.3 64.9

119 31.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046939.D

Acq: 10 Jul 2025 13:18

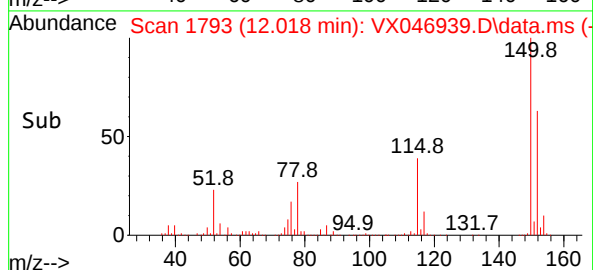
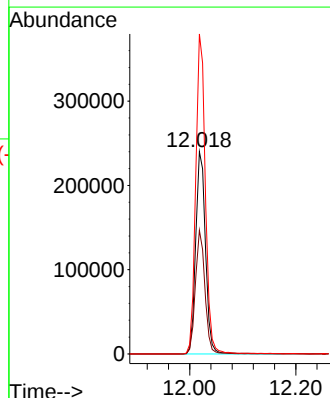
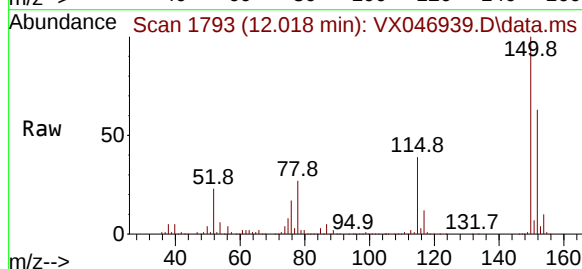
Tgt Ion:152 Resp: 308124

Ion Ratio Lower Upper

152 100

115 59.5 42.4 127.1

150 155.2 0.0 349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M

Title : SW846 8260

Signal : TIC: VX046939.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	696	707	724	rBV3	222024	693288	33.34%	6.193%
2	5.562	724	734	757	rVB	348588	1066807	51.31%	9.530%
3	5.964	790	800	820	rBV	247520	707091	34.01%	6.317%
4	6.769	923	932	954	rBV	580571	1504025	72.34%	13.436%
5	8.653	1234	1241	1259	rBV	1244985	2079239	100.00%	18.574%
6	10.055	1465	1471	1486	rBV	1330040	1855743	89.25%	16.578%
7	11.079	1634	1639	1652	rBV	1108575	1422318	68.41%	12.706%
8	12.018	1788	1793	1807	rBV	1489096	1865612	89.73%	16.666%

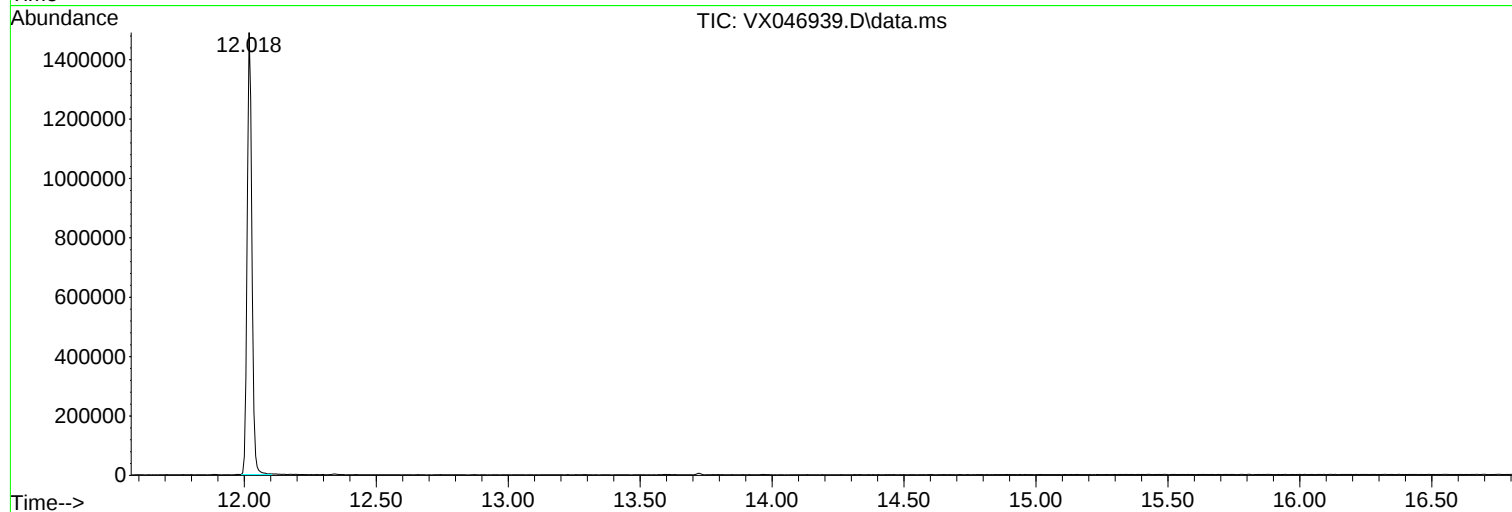
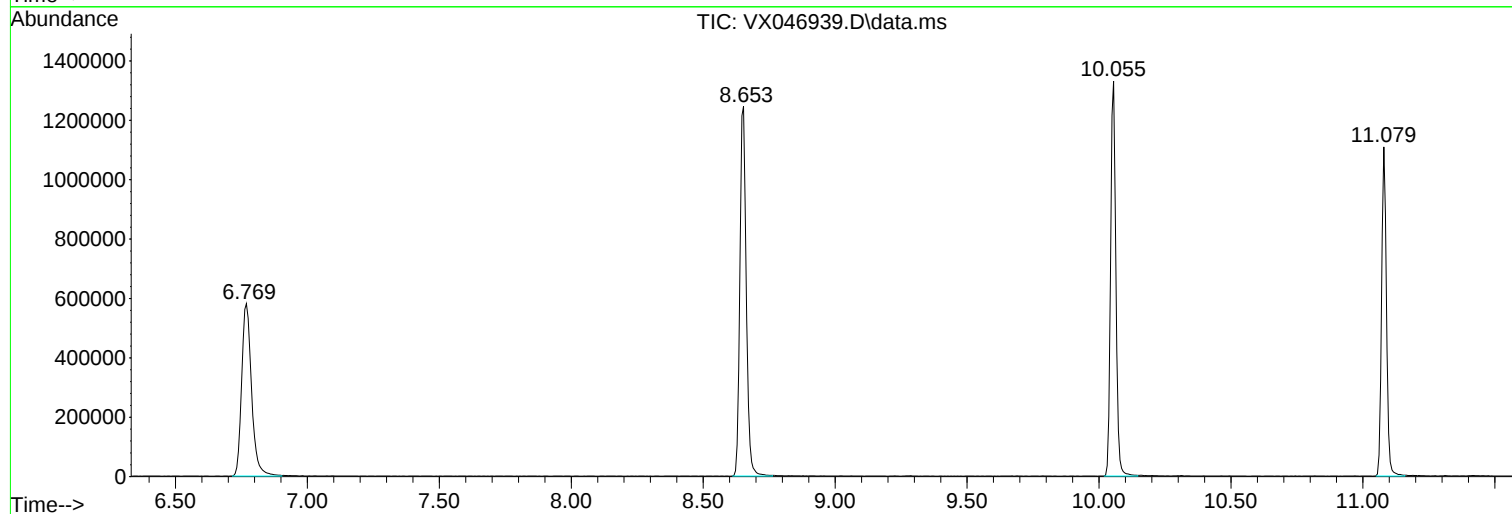
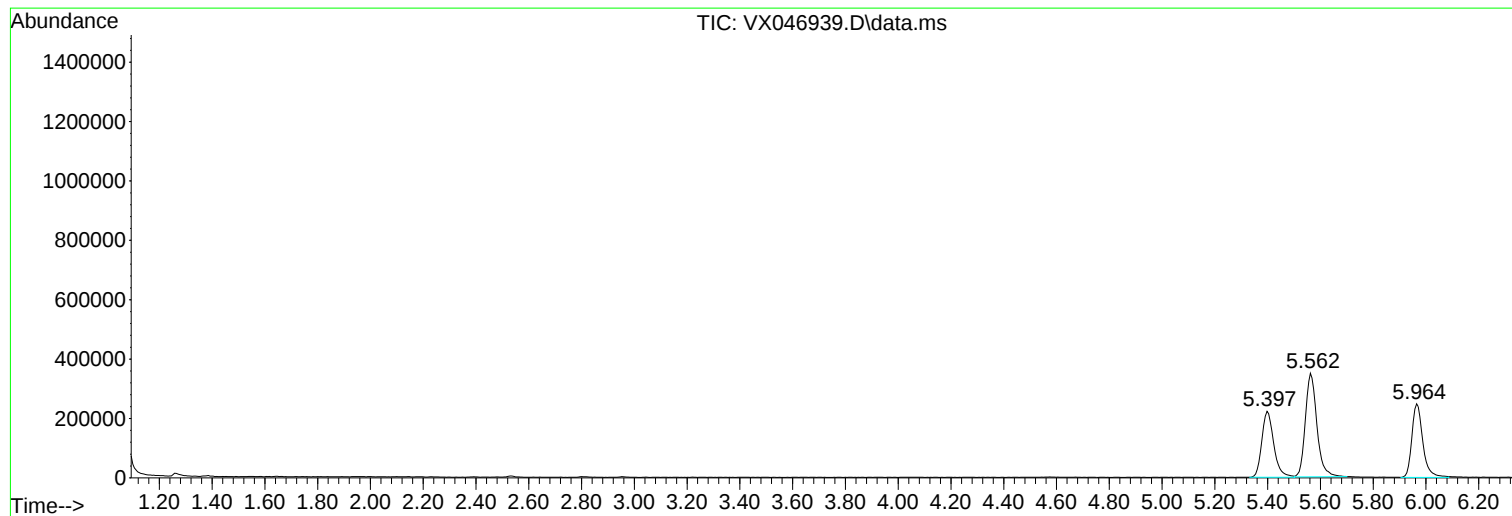
Sum of corrected areas: 11194123

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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



CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG No.: Q2553
 Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025
 Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX046860.D		RRF005 = VX046861.D		RRF020 = VX046862.D			
		RRF050 = VX046863.D		RRF100 = VX046864.D		RRF150 = VX046865.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7	
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4	
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2	
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12	
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4	
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3	
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6	
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9	
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9	
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6	
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2	
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1	
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1	
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3	
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7	
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3	
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1	
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7	
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8	
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3	
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9	
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2	
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2	
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9	
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4	
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5	
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3	
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9	
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3	
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9	

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



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG No.: Q2553
 Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025
 Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX046860.D		RRF005 = VX046861.D		RRF020 = VX046862.D			
		RRF050 = VX046863.D		RRF100 = VX046864.D		RRF150 = VX046865.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8	
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7	
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8	
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8	
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9	
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8	
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1	
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3	
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3	
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1	
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4	
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5	
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9	
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4	
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3	
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5	
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5	
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1	
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7	
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9	
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2	
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3	
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5	
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6	
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X070225W.M
 Title : SW846 8260
 Last Update : Thu Jul 03 05:51:11 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX046860.D 5 =VX046861.D 20 =VX046862.D 50 =VX046863.D 100 =VX046864.D 150 =VX046865.D

Compound		1	5	20	50	100	150	Avg	%RSD

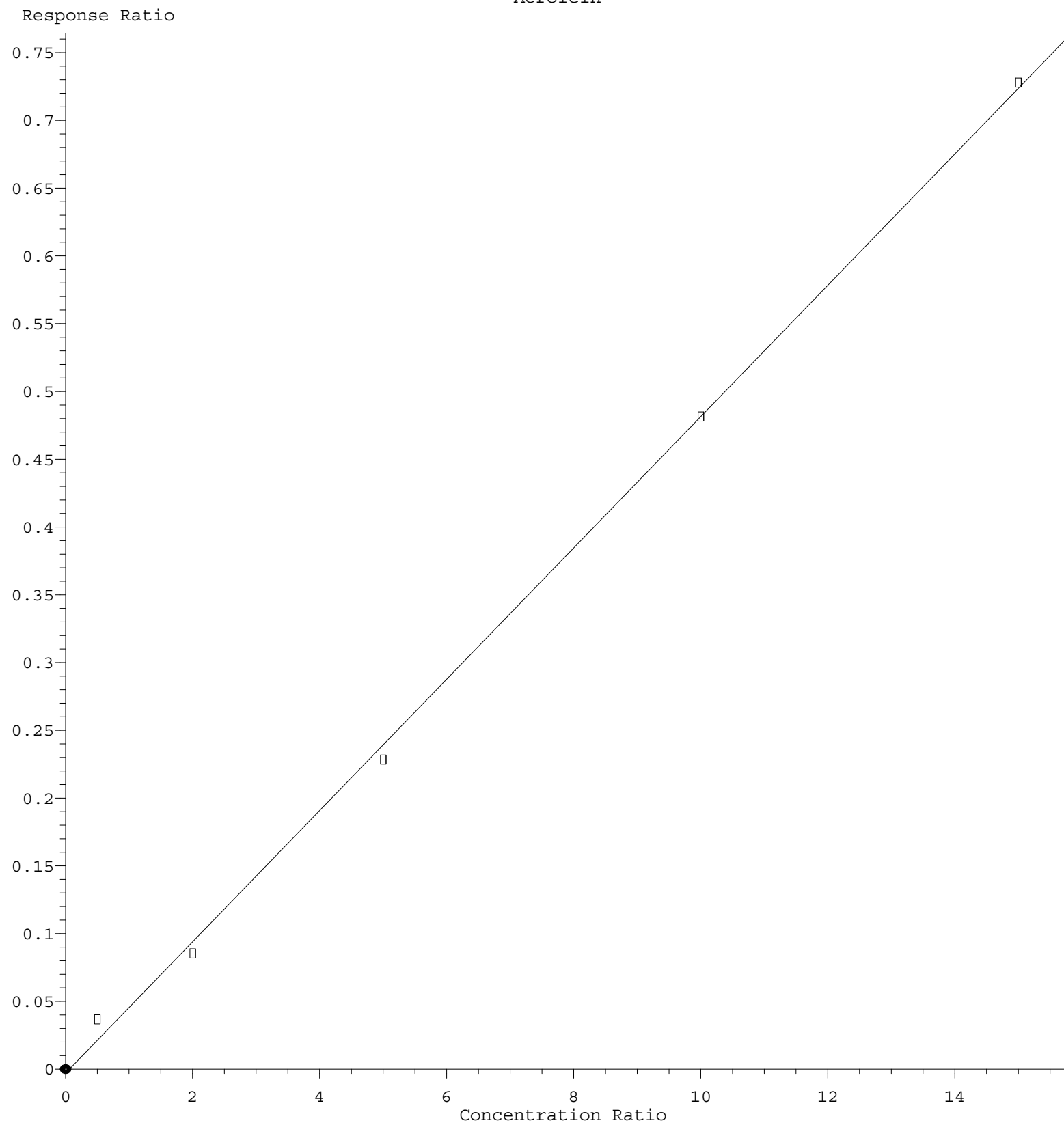
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.67
3) P	Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.38
4) C	Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.19#
5) T	Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12.04
6) T	Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.38
7) T	Trichlorofluor...	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3.02
8) T	Diethyl Ether	0.315	0.308	0.316	0.304	0.317	0.317	0.313	1.78
9) T	1,1,2-Trichlor...	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.58
10) T	Methyl Iodide		0.465	0.581	0.631	0.681	0.696	0.611	15.27
11) T	Tert butyl alc...		0.044	0.042	0.042	0.043	0.045	0.043	3.54
12) CM	1,1-Dichloroet...	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.85#
13) T	Acrolein		0.074	0.043	0.046	0.048	0.049	0.052	24.05
14) T	Allyl chloride	0.975	0.939	0.963	0.943	0.988	0.983	0.965	2.12
15) T	Acrylonitrile	0.266	0.238	0.249	0.246	0.250	0.254	0.250	3.81
16) T	Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.90
17) T	Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	5.98
18) T	Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.08
19) T	Methyl tert-bu...	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.25
20) T	Methylene Chlo...	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.14
21) T	trans-1,2-Dich...	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.31
22) T	Diisopropyl ether	1.666	1.831	1.967	1.905	1.927	1.893	1.865	5.75
23) T	Vinyl Acetate	1.255	1.341	1.423	1.423	1.465	1.475	1.397	6.02
24) P	1,1-Dichloroet...	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.71
25) T	2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.07
26) T	2,2-Dichloropr...	0.832	0.746	0.782	0.761	0.802	0.826	0.792	4.38
27) T	cis-1,2-Dichlo...	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.78
28) T	Bromochloromet...	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.29
29) T	Tetrahydrofuran	0.175	0.162	0.174	0.175	0.178	0.183	0.175	4.02
30) C	Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.93#
31) T	Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3.00
32) T	1,1,1-Trichlor...	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.17
33) S	1,2-Dichloroet...		0.722	0.652	0.647	0.641	0.640	0.661	5.29
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.346	0.339	0.332	0.325	0.339	3.47
36) T	1,1-Dichloropr...	0.499	0.477	0.461	0.439	0.434	0.437	0.458	5.71
37) T	Ethyl Acetate	0.506	0.376	0.371	0.360	0.355	0.373	0.390	14.73
38) T	Carbon Tetrach...	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.73
39) T	Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.20
40) TM	Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.88
41) T	Methacrylonitrile	0.175	0.196	0.222	0.213	0.221	0.222	0.208	9.12
42) TM	1,2-Dichloroet...	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.39
43) T	Isopropyl Acetate	0.508	0.562	0.613	0.618	0.630	0.652	0.597	8.82
44) TM	Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5.02
45) C	1,2-Dichloropr...	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3.03#
46) T	Dibromomethane	0.247	0.246	0.250	0.240	0.236	0.237	0.242	2.35
47) T	Bromodichlorom...	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.87
48) T	Methyl methacr...	0.257	0.294	0.307	0.322	0.329	0.343	0.308	9.89
49) T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	2.38
50) S	Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.60
51) T	4-Methyl-2-Pen...	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.26
52) CM	Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.95#
53) T	t-1,3-Dichloro...	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.81
54) T	cis-1,3-Dichlo...	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.71
55) T	1,1,2-Trichlor...	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.82
56) T	Ethyl methacry...	0.390	0.409	0.447	0.459	0.468	0.482	0.442	8.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X070225W.M

57)	T	1,3-Dichloropr...	0.567	0.567	0.572	0.541	0.528	0.527	0.550	3.76
58)	T	2-Chloroethyl ...	0.217	0.235	0.258	0.267	0.260	0.259	0.249	7.69
59)	T	2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.83
60)	T	Dibromochlorom...	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.94
61)	T	1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.82
62)	S	4-Bromofluorob...		0.493	0.469	0.455	0.433	0.426	0.455	5.97
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.13
65)	PM	Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.32
66)	T	1,1,1,2-Tetrac...	0.366	0.347	0.377	0.359	0.366	0.367	0.363	2.75
67)	C	Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.32#
68)	T	m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.05
69)	T	o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.36
70)	T	Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.50
71)	P	Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.94
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	3.97
74)	T	N-amyl acetate	0.953	1.079	1.194	1.270	1.303	1.367	1.194	12.93
75)	P	1,1,2,2-Tetrac...	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.26
76)	T	1,2,3-Trichlor...	0.781	0.720	0.770	0.787	0.791	0.787	0.773	3.46
77)	T	Bromobenzene	0.868	0.890	0.876	0.876	0.870	0.872	0.875	0.89
78)	T	n-propylbenzene	4.048	4.223	4.362	4.293	4.271	4.233	4.238	2.50
79)	T	2-Chlorotoluene	2.441	2.523	2.596	2.482	2.498	2.474	2.503	2.13
80)	T	1,3,5-Trimethy...	2.574	2.780	3.014	2.924	2.947	2.896	2.856	5.54
81)	T	trans-1,4-Dich...		0.236	0.267	0.292	0.312	0.333	0.288	13.09
82)	T	4-Chlorotoluene	2.755	2.916	2.982	2.915	2.899	2.859	2.888	2.64
83)	T	tert-Butylbenzene	2.733	2.876	3.036	3.020	3.031	3.002	2.950	4.13
84)	T	1,2,4-Trimethy...	2.615	2.872	3.017	2.949	2.930	2.937	2.887	4.88
85)	T	sec-Butylbenzene	3.475	3.721	3.852	3.782	3.766	3.719	3.719	3.47
86)	T	p-Isopropyltol...	2.948	3.159	3.181	3.162	3.160	3.077	3.114	2.87
87)	T	1,3-Dichlorobe...	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.50
88)	T	1,4-Dichlorobe...	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.52
89)	T	n-Butylbenzene	2.747	2.891	3.036	2.987	2.983	2.914	2.926	3.51
90)	T	Hexachloroethane	0.530	0.523	0.537	0.554	0.581	0.589	0.552	4.95
91)	T	1,2-Dichlorobe...	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.07
92)	T	1,2-Dibromo-3-...	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.69
93)	T	1,2,4-Trichlor...	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.86
94)	T	Hexachlorobuta...	0.393	0.397	0.421	0.409	0.408	0.411	0.407	2.52
95)	T	Naphthalene	2.210	2.537	2.893	3.034	3.096	3.273	2.840	13.92
96)	T	1,2,3-Trichlor...	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.20

(#) = Out of Range

Acrolein



$\text{Response} = 4.842\text{e-}002 * \text{Amt} - 2.745\text{e-}003$
 Coef of Det (r^2) = 0.998662 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X070225W.M
 Calibration Table Last Updated: Thu Jul 03 05:51:11 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046860.D
 Acq On : 02 Jul 2025 12:11
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	372069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	571866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	290571	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	3309	0.930	ug/l	89
3) Chloromethane	1.307	50	3761	0.967	ug/l	89
4) Vinyl Chloride	1.386	62	4227	0.998	ug/l	99
6) Chloroethane	1.703	64	3296	1.179	ug/l	94
7) Trichlorofluoromethane	1.910	101	6304	0.963	ug/l	88
8) Diethyl Ether	2.148	74	2346	1.007	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	3923	0.940	ug/l	93
12) 1,1-Dichloroethene	2.337	96	4037	1.001	ug/l	90
14) Allyl chloride	2.678	41	7259	1.011	ug/l	96
15) Acrylonitrile	3.081	53	9914m	5.298	ug/l	
16) Acetone	2.386	43	8778	5.749	ug/l	89
17) Carbon Disulfide	2.532	76	11797	1.115	ug/l #	88
18) Methyl Acetate	2.715	43	3632	0.903	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	10768	0.945	ug/l	96
20) Methylene Chloride	2.800	84	4636	1.027	ug/l #	91
21) trans-1,2-Dichloroethene	3.111	96	4109	0.995	ug/l	92
22) Diisopropyl ether	3.776	45	12396	0.893	ug/l #	56
23) Vinyl Acetate	3.739	43	46702	4.492	ug/l	97
24) 1,1-Dichloroethane	3.623	63	8033	1.015	ug/l	98
25) 2-Butanone	4.599	43	9681m	4.752	ug/l	
26) 2,2-Dichloropropane	4.483	77	6192	1.051	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	5289	1.049	ug/l	98
28) Bromochloromethane	4.910	49	3938	1.008	ug/l #	95
29) Tetrahydrofuran	5.025	42	6512	5.015	ug/l #	62
30) Chloroform	5.111	83	8561	1.059	ug/l #	80
32) 1,1,1-Trichloroethane	5.391	97	7025	1.040	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	6211	1.089	ug/l	91
37) Ethyl Acetate	4.763	43	6302m	1.298	ug/l	
38) Carbon Tetrachloride	5.690	117	5859m	0.959	ug/l	
39) Methylcyclohexane	7.385	83	6714	0.941	ug/l	86
40) Benzene	6.050	78	17315	1.004	ug/l #	87
41) Methacrylonitrile	4.958	41	2181m	0.842	ug/l	
42) 1,2-Dichloroethane	6.104	62	6218	1.062	ug/l	88
43) Isopropyl Acetate	6.354	43	6331	0.851	ug/l #	79
44) Trichloroethene	7.135	130	4807	1.071	ug/l	94
45) 1,2-Dichloropropane	7.446	63	4536	1.041	ug/l #	77

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046860.D
 Acq On : 02 Jul 2025 12:11
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	3072	1.018	ug/l	96
47) Bromodichloromethane	7.830	83	6705	1.040	ug/l	91
48) Methyl methacrylate	7.714	41	3198	0.833	ug/l #	54
49) 1,4-Dioxane	7.683	88	860m	19.325	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	20561	4.684	ug/l	97
52) Toluene	8.726	92	10648	0.996	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	5080	0.883	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	6171	0.940	ug/l #	47
55) 1,1,2-Trichloroethane	9.159	97	4046	1.016	ug/l #	84
56) Ethyl methacrylate	9.122	69	4850	0.880	ug/l	95
57) 1,3-Dichloropropane	9.311	76	7057	1.030	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.250	63	13509	4.352	ug/l	100
59) 2-Hexanone	9.439	43	12742	4.376	ug/l	94
60) Dibromochloromethane	9.519	129	4772	1.002	ug/l	95
61) 1,2-Dibromoethane	9.610	107	4026	1.007	ug/l	100
64) Tetrachloroethene	9.275	164	4039	1.061	ug/l #	86
65) Chlorobenzene	10.079	112	12712	1.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4188	1.008	ug/l #	65
67) Ethyl Benzene	10.195	91	20707	0.978	ug/l	96
68) m/p-Xylenes	10.305	106	16047	2.011	ug/l	91
69) o-Xylene	10.640	106	7726	1.002	ug/l	95
70) Styrene	10.659	104	12236	0.928	ug/l	98
71) Bromoform	10.805	173	3071	0.994	ug/l #	97
73) Isopropylbenzene	10.963	105	18985	0.929	ug/l	100
74) N-amyl acetate	10.848	43	5537	0.798	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	5809	1.034	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	4536m	1.010	ug/l	
77) Bromobenzene	11.201	156	5045	0.992	ug/l	96
78) n-propylbenzene	11.305	91	23522	0.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	14185	0.975	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14958	0.901	ug/l	100
82) 4-Chlorotoluene	11.457	91	16012	0.954	ug/l	97
83) tert-Butylbenzene	11.713	119	15883	0.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15197	0.906	ug/l	96
85) sec-Butylbenzene	11.890	105	20193	0.934	ug/l	99
86) p-Isopropyltoluene	12.006	119	17131	0.946	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	9388	0.987	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	10764m	1.087	ug/l	
89) n-Butylbenzene	12.335	91	15963	0.939	ug/l	99
90) Hexachloroethane	12.536	117	3079	0.960	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	9448	1.025	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	920	0.937	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	5904	0.942	ug/l	98
94) Hexachlorobutadiene	13.725	225	2281	0.966	ug/l	87
95) Naphthalene	13.780	128	12846	0.778	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5231	0.884	ug/l	95

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

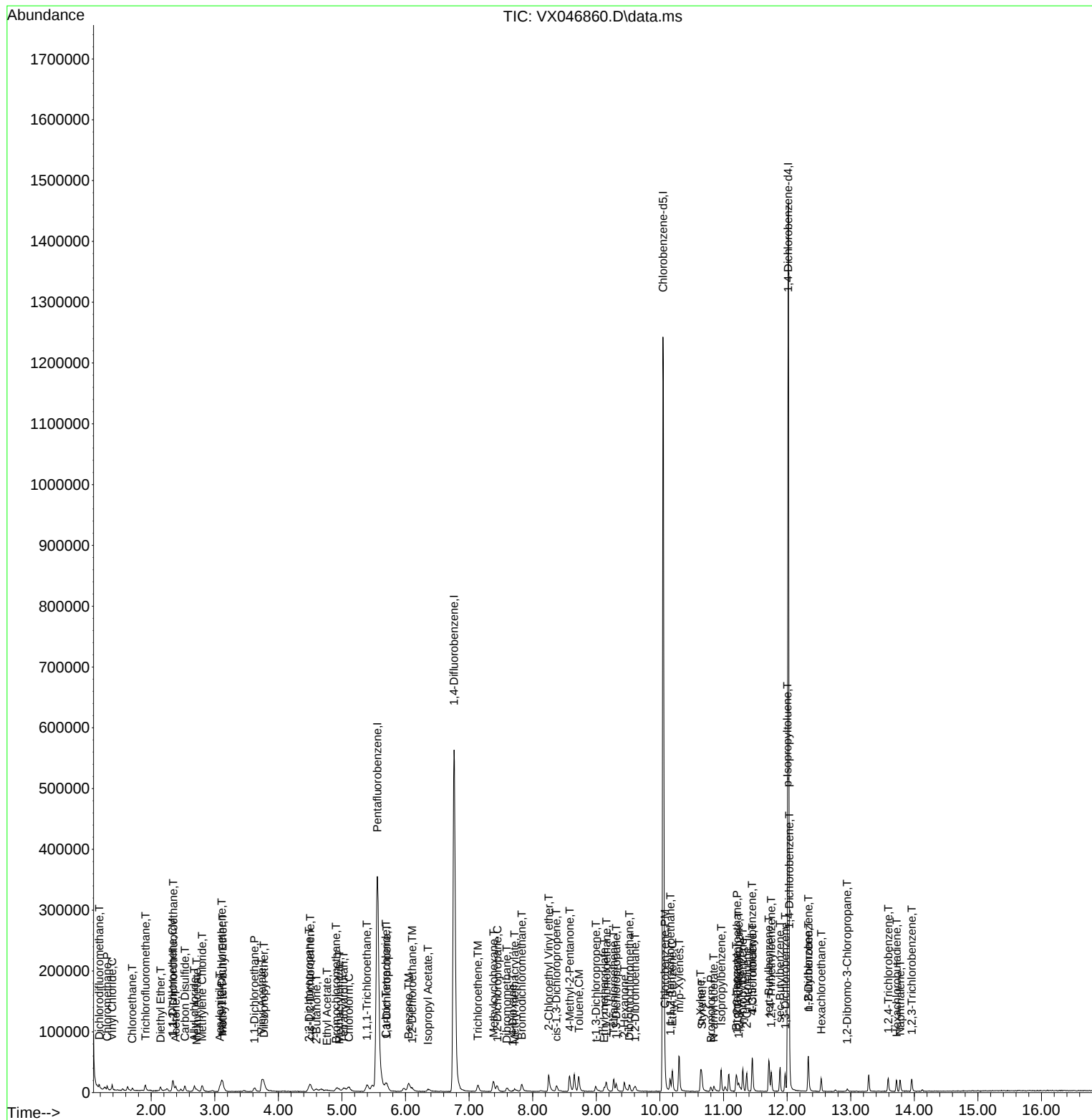
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	396691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	592225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	28658	5.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.397	113	23179	5.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.647	98	83349	5.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	32156	5.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	17184	4.530	ug/l	99
3) Chloromethane	1.306	50	20130	4.857	ug/l	95
4) Vinyl Chloride	1.386	62	21789	4.827	ug/l	99
5) Bromomethane	1.623	94	15966	5.505	ug/l	93
6) Chloroethane	1.703	64	14497	4.864	ug/l	97
7) Trichlorofluoromethane	1.904	101	34689	4.970	ug/l	98
8) Diethyl Ether	2.148	74	12204	4.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	22655	5.094	ug/l	98
10) Methyl Iodide	2.465	142	18441	3.806	ug/l	95
11) Tert butyl alcohol	2.952	59	8771	25.519	ug/l	100
12) 1,1-Dichloroethene	2.337	96	22008	5.116	ug/l	100
13) Acrolein	2.245	56	14598	40.835	ug/l	98
14) Allyl chloride	2.678	41	37266	4.866	ug/l	95
15) Acrylonitrile	3.074	53	47130	23.621	ug/l	100
16) Acetone	2.385	43	41693	25.612	ug/l	94
17) Carbon Disulfide	2.526	76	56543	5.012	ug/l	98
18) Methyl Acetate	2.715	43	18796	4.381	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58304	4.800	ug/l	96
20) Methylene Chloride	2.800	84	24790	5.150	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	22385	5.086	ug/l	98
22) Diisopropyl ether	3.763	45	72646	4.910	ug/l #	74
23) Vinyl Acetate	3.733	43	265941	23.992	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42994	5.095	ug/l	97
25) 2-Butanone	4.568	43	53597	24.678	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29599	4.713	ug/l	79
27) cis-1,2-Dichloroethene	4.501	96	26549	4.940	ug/l	96
28) Bromochloromethane	4.915	49	21555	5.176	ug/l	94
29) Tetrahydrofuran	5.019	42	32120	23.200	ug/l	98
30) Chloroform	5.098	83	43886	5.091	ug/l	99
31) Cyclohexane	5.482	56	38601	5.153	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35598	4.943	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31138	5.212	ug/l	98
37) Ethyl Acetate	4.733	43	24519	4.818	ug/l #	92
38) Carbon Tetrachloride	5.690	117	32963	5.151	ug/l	93
39) Methylcyclohexane	7.385	83	38332	5.129	ug/l	99
40) Benzene	6.043	78	94260	5.216	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	12777	4.707	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	31102	5.068	ug/l	98
43) Isopropyl Acetate	6.348	43	36681	4.706	ug/l	98
44) Trichloroethene	7.128	130	24587	5.227	ug/l	98
45) 1,2-Dichloropropane	7.433	63	22205	4.863	ug/l	91
46) Dibromomethane	7.586	93	16018	5.063	ug/l	99
47) Bromodichloromethane	7.824	83	33143	4.907	ug/l	99
48) Methyl methacrylate	7.702	41	19166	4.762	ug/l	98
49) 1,4-Dioxane	7.671	88	4647	99.650	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	110844	24.096	ug/l	100
52) Toluene	8.720	92	58295	5.206	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28142	4.668	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32562	4.732	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21431	5.138	ug/l	96
56) Ethyl methacrylate	9.122	69	26665	4.619	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37000	5.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76711	23.583	ug/l	99
59) 2-Hexanone	9.433	43	73995	24.251	ug/l	94
60) Dibromochloromethane	9.518	129	25465	5.101	ug/l	96
61) 1,2-Dibromoethane	9.610	107	20695	4.940	ug/l	98
64) Tetrachloroethene	9.274	164	20514	5.203	ug/l	97
65) Chlorobenzene	10.079	112	66148	5.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20533	4.770	ug/l	94
67) Ethyl Benzene	10.195	91	110637	5.046	ug/l	97
68) m/p-Xylenes	10.299	106	84083	10.176	ug/l	100
69) o-Xylene	10.640	106	40078	5.021	ug/l	99
70) Styrene	10.652	104	68250	4.998	ug/l	99
71) Bromoform	10.799	173	15461	4.831	ug/l #	99
73) Isopropylbenzene	10.963	105	106065	4.876	ug/l	98
74) N-amyl acetate	10.841	43	33387	4.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29333	4.905	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22279m	4.660	ug/l	
77) Bromobenzene	11.195	156	27534	5.082	ug/l	95
78) n-propylbenzene	11.298	91	130658	4.982	ug/l	97
79) 2-Chlorotoluene	11.359	91	78075	5.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86020	4.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7304	4.100	ug/l #	81
82) 4-Chlorotoluene	11.451	91	90236	5.049	ug/l	100
83) tert-Butylbenzene	11.713	119	88998	4.876	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	88868	4.975	ug/l	95
85) sec-Butylbenzene	11.890	105	115141	5.003	ug/l	100
86) p-Isopropyltoluene	12.006	119	97742	5.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51500	5.083	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	54943	5.210	ug/l	95
89) n-Butylbenzene	12.329	91	89435	4.939	ug/l	97
90) Hexachloroethane	12.536	117	16170	4.733	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	49253	5.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4675	4.469	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	31558	4.731	ug/l	100
94) Hexachlorobutadiene	13.719	225	12292	4.886	ug/l	97
95) Naphthalene	13.774	128	78483	4.465	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29854	4.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

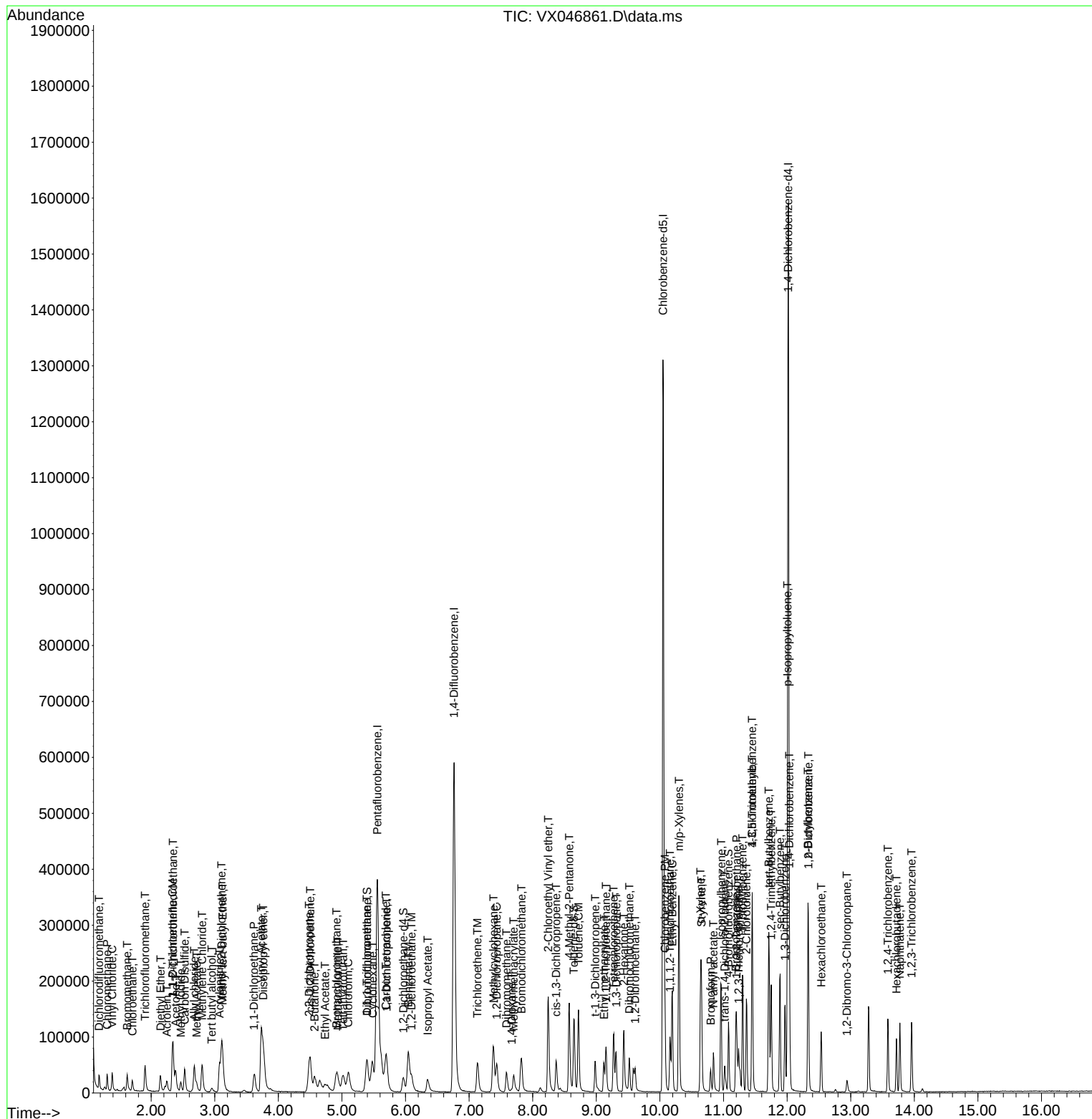
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Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046862.D
 Acq On : 02 Jul 2025 13:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	399111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	642908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	576289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104091	19.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.480%#		
35) Dibromofluoromethane	5.391	113	88863	20.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.720%#		
50) Toluene-d8	8.647	98	313624	20.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.740%#		
62) 4-Bromofluorobenzene	11.079	95	120554	20.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.200%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	81688	21.402	ug/l	99
3) Chloromethane	1.306	50	86312	20.697	ug/l	97
4) Vinyl Chloride	1.386	62	94339	20.773	ug/l	100
5) Bromomethane	1.629	94	64159	21.988	ug/l	97
6) Chloroethane	1.703	64	61209	20.412	ug/l	100
7) Trichlorofluoromethane	1.904	101	147045	20.941	ug/l	98
8) Diethyl Ether	2.142	74	50485	20.203	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	93041	20.794	ug/l	98
10) Methyl Iodide	2.465	142	92753	19.028	ug/l	100
11) Tert butyl alcohol	2.952	59	33170	95.921	ug/l	99
12) 1,1-Dichloroethene	2.337	96	87106	20.127	ug/l	99
13) Acrolein	2.245	56	34095	91.049	ug/l	97
14) Allyl chloride	2.678	41	153719	19.950	ug/l	99
15) Acrylonitrile	3.068	53	198794	99.028	ug/l	99
16) Acetone	2.379	43	155869	95.170	ug/l	98
17) Carbon Disulfide	2.526	76	224317	19.764	ug/l	98
18) Methyl Acetate	2.709	43	89471	20.726	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	245776	20.110	ug/l	100
20) Methylene Chloride	2.800	84	99547	20.555	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	91856	20.742	ug/l	94
22) Diisopropyl ether	3.763	45	314003	21.094	ug/l	94
23) Vinyl Acetate	3.727	43	1136064	101.868	ug/l	100
24) 1,1-Dichloroethane	3.617	63	171529	20.204	ug/l	100
25) 2-Butanone	4.556	43	219759	100.571	ug/l	99
26) 2,2-Dichloropropane	4.483	77	124894	19.767	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109844	20.316	ug/l	99
28) Bromochloromethane	4.903	49	83733	19.985	ug/l	97
29) Tetrahydrofuran	5.001	42	138587	99.493	ug/l	99
30) Chloroform	5.098	83	177543	20.470	ug/l	97
31) Cyclohexane	5.470	56	155952	20.692	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	144962	20.005	ug/l	98
36) 1,1-Dichloropropene	5.702	75	118611	20.144	ug/l	97
37) Ethyl Acetate	4.720	43	95352	19.013	ug/l	99
38) Carbon Tetrachloride	5.684	117	127307	20.188	ug/l	97
39) Methylcyclohexane	7.378	83	151595	20.582	ug/l	96
40) Benzene	6.043	78	373429	20.968	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046862.D
 Acq On : 02 Jul 2025 13:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57138	21.358	ug/l	95
42) 1,2-Dichloroethane	6.086	62	125114	20.689	ug/l	99
43) Isopropyl Acetate	6.336	43	157613	20.519	ug/l	100
44) Trichloroethene	7.128	130	93746	20.221	ug/l	100
45) 1,2-Dichloropropane	7.427	63	93205	20.714	ug/l	99
46) Dibromomethane	7.580	93	64260	20.612	ug/l	100
47) Bromodichloromethane	7.817	83	137600	20.670	ug/l	98
48) Methyl methacrylate	7.695	41	78897	19.892	ug/l	97
49) 1,4-Dioxane	7.659	88	18907	411.405	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	473773	104.508	ug/l	99
52) Toluene	8.714	92	232882	21.102	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	120040	20.206	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	136889	20.187	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	84451	20.545	ug/l	97
56) Ethyl methacrylate	9.116	69	114929	20.200	ug/l	99
57) 1,3-Dichloropropane	9.305	76	147193	20.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331143	103.298	ug/l	100
59) 2-Hexanone	9.427	43	314535	104.602	ug/l	99
60) Dibromochloromethane	9.518	129	100960	20.523	ug/l	100
61) 1,2-Dibromoethane	9.610	107	85342	20.672	ug/l	100
64) Tetrachloroethene	9.268	164	79577	20.740	ug/l	96
65) Chlorobenzene	10.073	112	256491	20.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	86804	20.724	ug/l	99
67) Ethyl Benzene	10.189	91	444690	20.841	ug/l	99
68) m/p-Xylenes	10.299	106	337082	41.924	ug/l	98
69) o-Xylene	10.640	106	162094	20.870	ug/l	99
70) Styrene	10.652	104	283121	21.307	ug/l	100
71) Bromoform	10.799	173	62957	20.215	ug/l #	98
73) Isopropylbenzene	10.957	105	428283	20.549	ug/l	100
74) N-amyl acetate	10.841	43	141581	19.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	116329	20.298	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91349m	19.941	ug/l	
77) Bromobenzene	11.195	156	103902	20.014	ug/l	96
78) n-propylbenzene	11.298	91	517332	20.585	ug/l	100
79) 2-Chlorotoluene	11.359	91	307886	20.748	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	357455	21.108	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31721	18.582	ug/l	94
82) 4-Chlorotoluene	11.451	91	353678	20.654	ug/l	99
83) tert-Butylbenzene	11.713	119	360024	20.583	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	357753	20.900	ug/l	95
85) sec-Butylbenzene	11.890	105	456837	20.715	ug/l	100
86) p-Isopropyltoluene	12.006	119	377192	20.425	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	198351	20.429	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	202881	20.078	ug/l	99
89) n-Butylbenzene	12.329	91	360061	20.750	ug/l	99
90) Hexachloroethane	12.536	117	63705	19.459	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	192682	20.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19455	19.409	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	127830	19.999	ug/l	99
94) Hexachlorobutadiene	13.725	225	49928	20.713	ug/l	99
95) Naphthalene	13.774	128	343123	20.372	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	122506	20.284	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

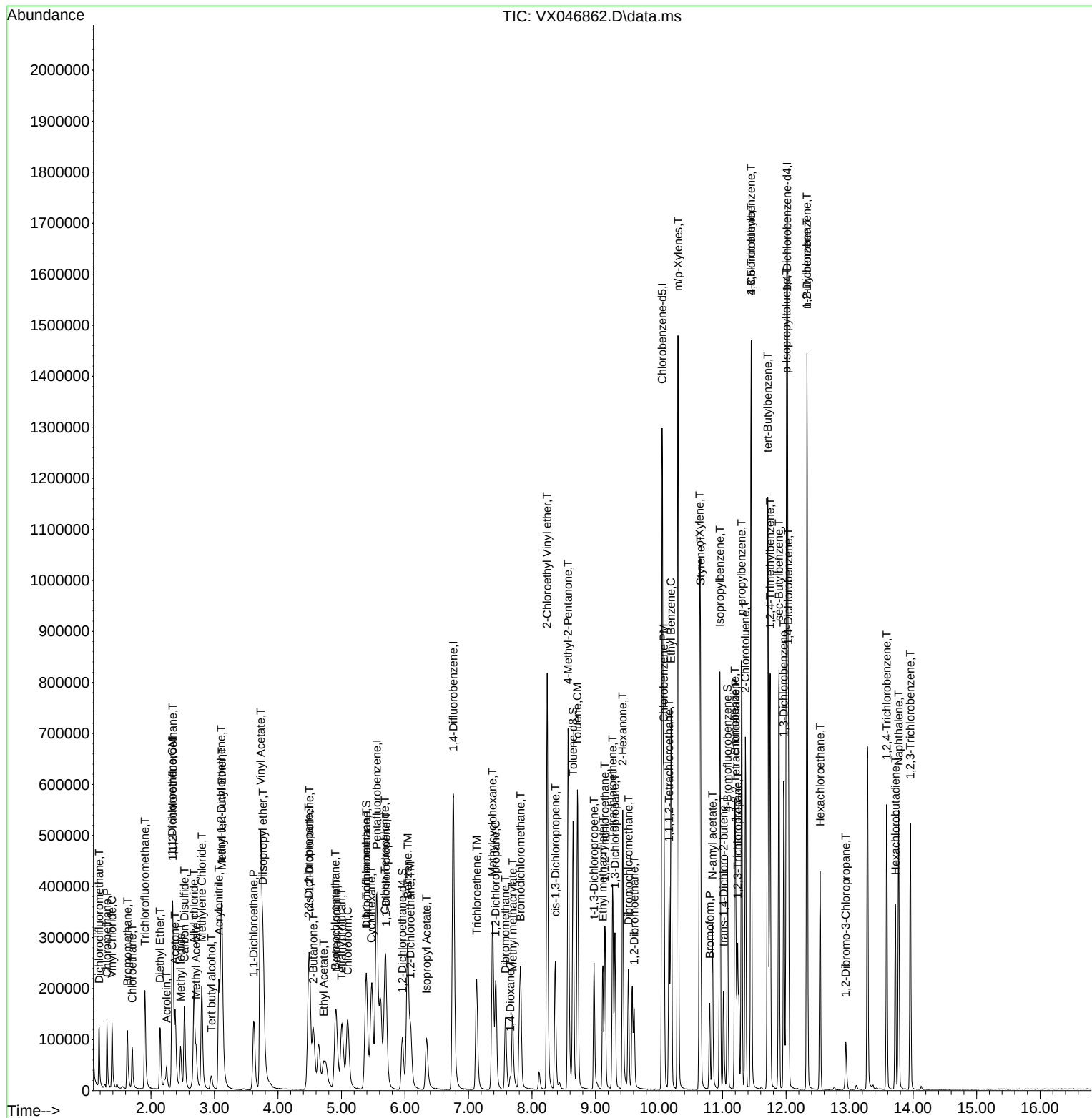
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 Data File : VX046862.D
 Acq On : 02 Jul 2025 13:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046863.D
 Acq On : 02 Jul 2025 13:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	368182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238206	48.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.940%		
35) Dibromofluoromethane	5.397	113	203814	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.880%		
50) Toluene-d8	8.647	98	718232	49.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.760%		
62) 4-Bromofluorobenzene	11.079	95	273366	49.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	179160	50.881	ug/l	100
3) Chloromethane	1.307	50	186908	48.585	ug/l	100
4) Vinyl Chloride	1.386	62	202462	48.327	ug/l	100
5) Bromomethane	1.624	94	132366	49.174	ug/l	100
6) Chloroethane	1.703	64	127577	46.118	ug/l	100
7) Trichlorofluoromethane	1.904	101	315495	48.704	ug/l	100
8) Diethyl Ether	2.148	74	112089	48.624	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	201760	48.880	ug/l	100
10) Methyl Iodide	2.471	142	232179	51.631	ug/l	100
11) Tert butyl alcohol	2.953	59	77545	243.081	ug/l	100
12) 1,1-Dichloroethene	2.337	96	193069	48.359	ug/l	100
13) Acrolein	2.246	56	84088	238.671	ug/l	100
14) Allyl chloride	2.678	41	347253	48.854	ug/l	100
15) Acrylonitrile	3.075	53	453047	244.641	ug/l	100
16) Acetone	2.386	43	355803	235.495	ug/l	100
17) Carbon Disulfide	2.532	76	494153	47.196	ug/l	100
18) Methyl Acetate	2.715	43	203643	51.137	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	562569	49.898	ug/l	100
20) Methylene Chloride	2.800	84	215411	48.215	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	199150	48.748	ug/l	100
22) Diisopropyl ether	3.770	45	701332	51.071	ug/l	100
23) Vinyl Acetate	3.733	43	2620249	254.689	ug/l	100
24) 1,1-Dichloroethane	3.623	63	382510	48.841	ug/l	100
25) 2-Butanone	4.562	43	506469	251.252	ug/l	100
26) 2,2-Dichloropropane	4.489	77	280159	48.066	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	243080	48.734	ug/l	100
28) Bromochloromethane	4.910	49	194431	50.303	ug/l	100
29) Tetrahydrofuran	5.007	42	322800	251.209	ug/l	100
30) Chloroform	5.105	83	386035	48.247	ug/l	100
31) Cyclohexane	5.483	56	337894	48.598	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	326288	48.811	ug/l	100
36) 1,1-Dichloropropene	5.702	75	264243	47.988	ug/l	100
37) Ethyl Acetate	4.721	43	216259	46.111	ug/l	100
38) Carbon Tetrachloride	5.690	117	286310	48.549	ug/l	100
39) Methylcyclohexane	7.385	83	341159	49.529	ug/l	100
40) Benzene	6.050	78	815341	48.954	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046863.D
 Acq On : 02 Jul 2025 13:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127915	51.128	ug/l	100
42) 1,2-Dichloroethane	6.092	62	276628	48.913	ug/l	100
43) Isopropyl Acetate	6.342	43	371859	51.765	ug/l	100
44) Trichloroethene	7.129	130	206841	47.708	ug/l	100
45) 1,2-Dichloropropane	7.434	63	207864	49.398	ug/l	100
46) Dibromomethane	7.586	93	144114	49.430	ug/l	100
47) Bromodichloromethane	7.824	83	306696	49.265	ug/l	100
48) Methyl methacrylate	7.696	41	193493	52.165	ug/l	100
49) 1,4-Dioxane	7.659	88	43664	1015.947	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1101634	259.847	ug/l	100
52) Toluene	8.720	92	505397	48.969	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	284038	51.124	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	320678	50.567	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	191073	49.704	ug/l	100
56) Ethyl methacrylate	9.116	69	276170	51.905	ug/l	100
57) 1,3-Dichloropropane	9.305	76	325345	49.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	802354	267.636	ug/l	100
59) 2-Hexanone	9.427	43	742855	264.164	ug/l	100
60) Dibromochloromethane	9.519	129	226427	49.218	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192320	49.814	ug/l	100
64) Tetrachloroethene	9.275	164	170176	47.341	ug/l	100
65) Chlorobenzene	10.079	112	566582	48.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	193638	49.347	ug/l	100
67) Ethyl Benzene	10.189	91	987806	49.415	ug/l	100
68) m/p-Xylenes	10.299	106	743275	98.674	ug/l	100
69) o-Xylene	10.640	106	358798	49.311	ug/l	100
70) Styrene	10.653	104	634597	50.976	ug/l	100
71) Bromoform	10.799	173	145282	49.794	ug/l #	100
73) Isopropylbenzene	10.957	105	960979	51.232	ug/l	100
74) N-amyl acetate	10.842	43	338897	53.169	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	256928	49.814	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	210006m	50.937	ug/l	
77) Bromobenzene	11.195	156	233851	50.052	ug/l	100
78) n-propylbenzene	11.299	91	1145518	50.647	ug/l	100
79) 2-Chlorotoluene	11.360	91	662335	49.595	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	780315	51.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	77831	50.659	ug/l	100
82) 4-Chlorotoluene	11.451	91	777681	50.461	ug/l	100
83) tert-Butylbenzene	11.713	119	805925	51.197	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	786934	51.082	ug/l	100
85) sec-Butylbenzene	11.884	105	1009027	50.840	ug/l	100
86) p-Isopropyltoluene	12.006	119	843813	50.770	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	434168	49.687	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	435439	47.882	ug/l	100
89) n-Butylbenzene	12.329	91	797119	51.042	ug/l	100
90) Hexachloroethane	12.536	117	147768	50.152	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	418287	49.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45584	50.530	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	290148	50.438	ug/l	100
94) Hexachlorobutadiene	13.719	225	109236	50.352	ug/l	100
95) Naphthalene	13.774	128	809540	53.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	278713	51.278	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/03/2025
Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

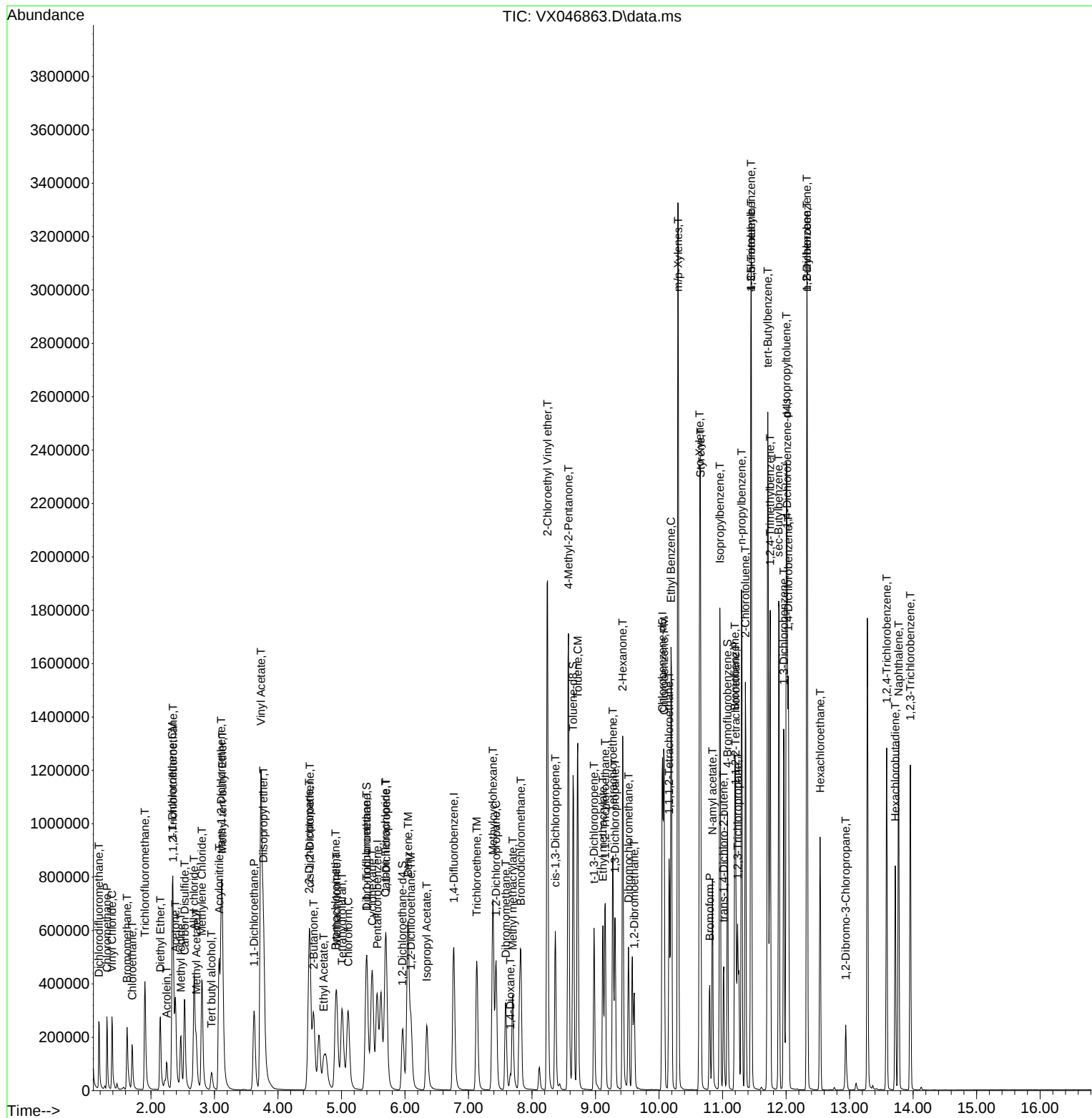
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046863.D
 Acq On : 02 Jul 2025 13:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 03 05:32:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046864.D
 Acq On : 02 Jul 2025 14:10
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	360099	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	591959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	521464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	461552	97.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.040%#			
35) Dibromofluoromethane	5.385	113	393465	97.920	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.840%#			
50) Toluene-d8	8.647	98	1373545	96.884	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 193.760%#			
62) 4-Bromofluorobenzene	11.079	95	513224	95.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.500%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	361969	105.107	ug/l	99
3) Chloromethane	1.307	50	391364	104.014	ug/l	98
4) Vinyl Chloride	1.386	62	424193	103.527	ug/l	100
5) Bromomethane	1.618	94	265849	100.979	ug/l	100
6) Chloroethane	1.697	64	260651	96.337	ug/l	99
7) Trichlorofluoromethane	1.904	101	643202	101.523	ug/l	98
8) Diethyl Ether	2.142	74	228526	101.358	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	412204	102.105	ug/l	99
10) Methyl Iodide	2.465	142	490208	111.457	ug/l	99
11) Tert butyl alcohol	2.953	59	156192	500.607	ug/l	99
12) 1,1-Dichloroethene	2.331	96	393053	100.660	ug/l	97
13) Acrolein	2.245	56	173378	500.012	ug/l	100
14) Allyl chloride	2.672	41	711428	102.334	ug/l	99
15) Acrylonitrile	3.068	53	898537	496.093	ug/l	100
16) Acetone	2.380	43	707647	478.882	ug/l	98
17) Carbon Disulfide	2.526	76	1006664	98.304	ug/l	99
18) Methyl Acetate	2.709	43	410853	105.486	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1142805	103.638	ug/l	98
20) Methylene Chloride	2.800	84	428892	98.153	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	396705	99.285	ug/l	97
22) Diisopropyl ether	3.764	45	1387980	103.342	ug/l	97
23) Vinyl Acetate	3.727	43	5276627	524.403	ug/l	100
24) 1,1-Dichloroethane	3.617	63	759957	99.213	ug/l	100
25) 2-Butanone	4.550	43	992659	503.497	ug/l	99
26) 2,2-Dichloropropane	4.483	77	577382	101.283	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	482620	98.931	ug/l	100
28) Bromochloromethane	4.904	49	371458	98.260	ug/l	100
29) Tetrahydrofuran	5.001	42	640795	509.872	ug/l	99
30) Chloroform	5.099	83	757773	96.834	ug/l	100
31) Cyclohexane	5.477	56	667229	98.120	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	649123	99.286	ug/l	99
36) 1,1-Dichloropropene	5.696	75	514002	94.809	ug/l	99
37) Ethyl Acetate	4.715	43	420101	90.979	ug/l	98
38) Carbon Tetrachloride	5.684	117	567706	97.774	ug/l	98
39) Methylcyclohexane	7.379	83	683852	100.837	ug/l	99
40) Benzene	6.044	78	1589318	96.921	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046864.D
 Acq On : 02 Jul 2025 14:10
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	261090	105.996	ug/l	99
42) 1,2-Dichloroethane	6.086	62	536004	96.261	ug/l	100
43) Isopropyl Acetate	6.336	43	746174	105.501	ug/l	100
44) Trichloroethene	7.123	130	411222	96.336	ug/l	98
45) 1,2-Dichloropropane	7.427	63	408244	98.538	ug/l	100
46) Dibromomethane	7.580	93	279372	97.324	ug/l	99
47) Bromodichloromethane	7.818	83	601292	98.101	ug/l	98
48) Methyl methacrylate	7.690	41	389200	106.573	ug/l	100
49) 1,4-Dioxane	7.659	88	82890	1958.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	2089507	500.587	ug/l	99
52) Toluene	8.714	92	984220	96.858	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	580117	106.052	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	650539	104.190	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	367441	97.082	ug/l	98
56) Ethyl methacrylate	9.116	69	554620	105.873	ug/l	99
57) 1,3-Dichloropropane	9.305	76	625220	95.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1541497	522.248	ug/l	100
59) 2-Hexanone	9.427	43	1406681	508.068	ug/l	100
60) Dibromochloromethane	9.519	129	445393	98.331	ug/l	99
61) 1,2-Dibromoethane	9.604	107	375661	98.827	ug/l	99
64) Tetrachloroethene	9.269	164	333229	95.978	ug/l	95
65) Chlorobenzene	10.073	112	1095855	97.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	381396	100.632	ug/l	99
67) Ethyl Benzene	10.189	91	1925349	99.720	ug/l	99
68) m/p-Xylenes	10.299	106	1424898	195.851	ug/l	99
69) o-Xylene	10.640	106	691874	98.448	ug/l	99
70) Styrene	10.653	104	1206962	100.381	ug/l	99
71) Bromoform	10.799	173	286378	101.623	ug/l	100
73) Isopropylbenzene	10.957	105	1824241	102.183	ug/l	100
74) N-amyl acetate	10.842	43	661864	109.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	477117	97.192	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	401735m	102.378	ug/l	
77) Bromobenzene	11.195	156	441962	99.388	ug/l	98
78) n-propylbenzene	11.299	91	2169188	100.767	ug/l	99
79) 2-Chlorotoluene	11.360	91	1268825	99.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1497082	103.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	158326	108.273	ug/l	98
82) 4-Chlorotoluene	11.451	91	1472712	100.402	ug/l	100
83) tert-Butylbenzene	11.713	119	1539450	102.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1488102	101.492	ug/l	97
85) sec-Butylbenzene	11.890	105	1912633	101.251	ug/l	99
86) p-Isopropyltoluene	12.006	119	1605082	101.466	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	825505	99.260	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	823926	95.192	ug/l	100
89) n-Butylbenzene	12.329	91	1515258	101.944	ug/l	100
90) Hexachloroethane	12.536	117	294961	105.182	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	792536	98.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	90270	105.136	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	569410	104.000	ug/l	100
94) Hexachlorobutadiene	13.725	225	207095	100.298	ug/l	99
95) Naphthalene	13.774	128	1572381	108.986	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	543127	104.988	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

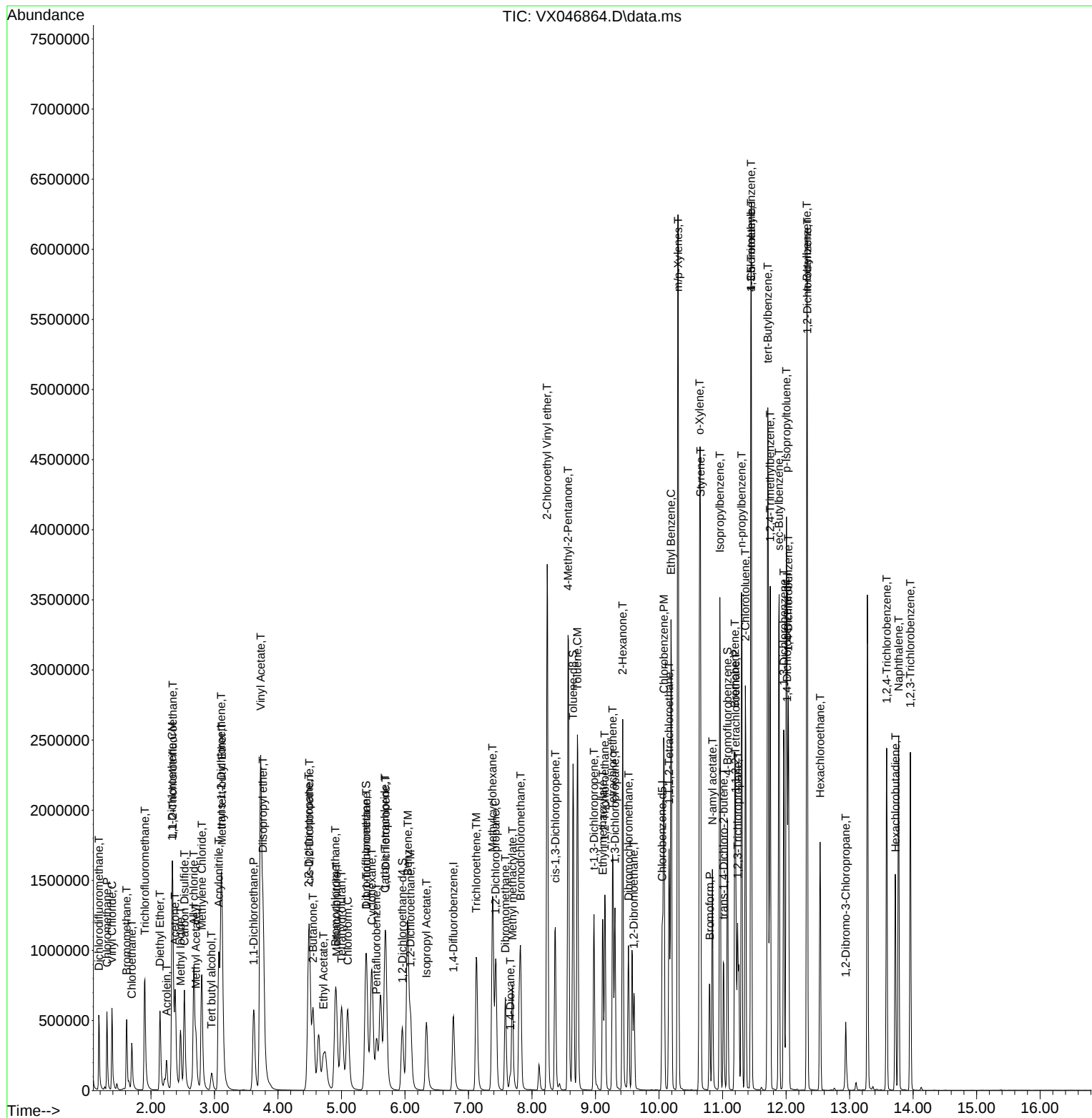
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On    : 02 Jul 2025   14:10
Operator  : JC/MD
Sample    : VSTDICC100
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046865.D
 Acq On : 02 Jul 2025 14:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 05:34:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	337940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240348	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	649303	145.436	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 290.880%#	
35) Dibromofluoromethane	5.391	113	550160	143.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 287.100%#	
50) Toluene-d8	8.653	98	1923179	142.230	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 284.460%#	
62) 4-Bromofluorobenzene	11.079	95	721016	140.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 280.600%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.179	85	497096	153.809	ug/l	99
3) Chloromethane	1.307	50	537388	152.188	ug/l	98
4) Vinyl Chloride	1.386	62	574277	149.346	ug/l	99
5) Bromomethane	1.611	94	298828	120.949	ug/l	100
6) Chloroethane	1.697	64	358739	141.285	ug/l	99
7) Trichlorofluoromethane	1.904	101	897728	150.988	ug/l	99
8) Diethyl Ether	2.148	74	321838	152.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	569627	150.352	ug/l	99
10) Methyl Iodide	2.465	142	705949	171.034	ug/l	98
11) Tert butyl alcohol	2.965	59	229819	784.885	ug/l	99
12) 1,1-Dichloroethene	2.337	96	547474	149.400	ug/l	97
13) Acrolein	2.245	56	245973	754.434	ug/l	98
14) Allyl chloride	2.678	41	996540	152.745	ug/l	99
15) Acrylonitrile	3.075	53	1288046	757.776	ug/l	99
16) Acetone	2.386	43	1013283	730.677	ug/l	99
17) Carbon Disulfide	2.526	76	1394541	145.111	ug/l	99
18) Methyl Acetate	2.709	43	607185	166.116	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1637759	158.264	ug/l	98
20) Methylene Chloride	2.800	84	596413	145.441	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	552703	147.398	ug/l	97
22) Diisopropyl ether	3.770	45	1919430	152.282	ug/l	99
23) Vinyl Acetate	3.733	43	7476523	791.755	ug/l	100
24) 1,1-Dichloroethane	3.623	63	1064068	148.024	ug/l	100
25) 2-Butanone	4.562	43	1449681	783.522	ug/l	100
26) 2,2-Dichloropropane	4.489	77	837466	156.539	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	674986	147.435	ug/l	100
28) Bromochloromethane	4.910	49	515523	145.311	ug/l	99
29) Tetrahydrofuran	5.007	42	928390	787.145	ug/l	100
30) Chloroform	5.105	83	1064448	144.942	ug/l	100
31) Cyclohexane	5.483	56	939695	147.249	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	922378	150.332	ug/l	98
36) 1,1-Dichloropropene	5.702	75	739394	142.995	ug/l	99
37) Ethyl Acetate	4.721	43	631521	143.396	ug/l	98
38) Carbon Tetrachloride	5.684	117	809906	146.250	ug/l	98
39) Methylcyclohexane	7.385	83	974901	150.724	ug/l	99
40) Benzene	6.043	78	2243029	143.418	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046865.D
 Acq On : 02 Jul 2025 14:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	375761	159.945	ug/l	99
42) 1,2-Dichloroethane	6.092	62	756183	142.387	ug/l	100
43) Isopropyl Acetate	6.342	43	1104335	163.711	ug/l	100
44) Trichloroethene	7.129	130	583397	143.298	ug/l	97
45) 1,2-Dichloropropane	7.433	63	579224	146.587	ug/l	99
46) Dibromomethane	7.586	93	401338	146.592	ug/l	99
47) Bromodichloromethane	7.824	83	858188	146.803	ug/l	99
48) Methyl methacrylate	7.696	41	580607	166.693	ug/l	99
49) 1,4-Dioxane	7.665	88	122695	3040.136	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	3026947	760.332	ug/l	98
52) Toluene	8.720	92	1394797	143.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	853017	163.503	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	939003	157.682	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	521889	144.574	ug/l	98
56) Ethyl methacrylate	9.116	69	816206	163.362	ug/l	100
57) 1,3-Dichloropropane	9.305	76	893213	143.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	2192288	778.743	ug/l	100
59) 2-Hexanone	9.427	43	2051712	776.972	ug/l	100
60) Dibromochloromethane	9.518	129	637739	147.623	ug/l	99
61) 1,2-Dibromoethane	9.610	107	536592	148.009	ug/l	100
64) Tetrachloroethene	9.275	164	475745	143.265	ug/l	96
65) Chlorobenzene	10.079	112	1563433	144.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	548552	151.325	ug/l	100
67) Ethyl Benzene	10.195	91	2729559	147.809	ug/l	98
68) m/p-Xylenes	10.299	106	2009645	288.799	ug/l	99
69) o-Xylene	10.640	106	987134	146.856	ug/l	99
70) Styrene	10.652	104	1697064	147.567	ug/l	98
71) Bromoform	10.799	173	411264	152.584	ug/l	97
73) Isopropylbenzene	10.963	105	2588441	153.200	ug/l	100
74) N-amyl acetate	10.841	43	986018	171.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	698105	150.263	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	567147m	152.717	ug/l	
77) Bromobenzene	11.195	156	628974	149.454	ug/l	99
78) n-propylbenzene	11.305	91	3052066	149.810	ug/l	99
79) 2-Chlorotoluene	11.360	91	1784161	148.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2088013	152.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	239775	173.259	ug/l	95
82) 4-Chlorotoluene	11.451	91	2061746	148.519	ug/l	99
83) tert-Butylbenzene	11.713	119	2164507	152.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2118023	152.635	ug/l	97
85) sec-Butylbenzene	11.890	105	2681731	150.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	2218491	148.186	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1167669	148.354	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	1176579	143.634	ug/l	99
89) n-Butylbenzene	12.329	91	2101194	149.371	ug/l	99
90) Hexachloroethane	12.536	117	424369	159.899	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1117598	146.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	138617	170.588	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	825907	159.391	ug/l	99
94) Hexachlorobutadiene	13.725	225	296507	151.734	ug/l	99
95) Naphthalene	13.774	128	2359854	172.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	792593	161.887	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations

[illegible]

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070225

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	376229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	610660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	242648	48.819	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.640%		
35) Dibromofluoromethane	5.397	113	208822	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.647	98	731941	50.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.100%		
62) 4-Bromofluorobenzene	11.079	95	282463	50.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	178684	49.661	ug/l	98
3) Chloromethane	1.307	50	192497	48.967	ug/l	100
4) Vinyl Chloride	1.386	62	208626	48.733	ug/l	99
5) Bromomethane	1.624	94	141065	51.285	ug/l	97
6) Chloroethane	1.703	64	132155	46.751	ug/l	100
7) Trichlorofluoromethane	1.904	101	326501	49.325	ug/l	98
8) Diethyl Ether	2.148	74	117004	49.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	208780	49.499	ug/l	100
10) Methyl Iodide	2.471	142	229855	50.021	ug/l	97
11) Tert butyl alcohol	2.953	59	86884	266.531	ug/l	100
12) 1,1-Dichloroethene	2.337	96	197950	48.521	ug/l	99
13) Acrolein	2.252	56	87230	242.250	ug/l	98
14) Allyl chloride	2.678	41	359895	49.549	ug/l	99
15) Acrylonitrile	3.075	53	482124	255.809	ug/l	99
16) Acetone	2.386	43	376127	243.622	ug/l	97
17) Carbon Disulfide	2.532	76	501161	46.842	ug/l	100
18) Methyl Acetate	2.715	43	217113	53.354	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	601377	52.199	ug/l	99
20) Methylene Chloride	2.800	84	224143	49.097	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	205950	49.334	ug/l	99
22) Diisopropyl ether	3.770	45	723627	51.568	ug/l	97
23) Vinyl Acetate	3.733	43	2777219	264.173	ug/l	99
24) 1,1-Dichloroethane	3.623	63	395739	49.449	ug/l	99
25) 2-Butanone	4.562	43	538755	261.552	ug/l	98
26) 2,2-Dichloropropane	4.489	77	293933	49.351	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	247860	48.630	ug/l	99
28) Bromochloromethane	4.910	49	198401	50.232	ug/l	98
29) Tetrahydrofuran	5.013	42	350947	267.272	ug/l	99
30) Chloroform	5.105	83	395292	48.348	ug/l	100
31) Cyclohexane	5.483	56	350463	49.328	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	335397	49.101	ug/l	99
36) 1,1-Dichloropropene	5.702	75	275506	49.261	ug/l	100
37) Ethyl Acetate	4.721	43	229364	48.151	ug/l	100
38) Carbon Tetrachloride	5.690	117	291659	49.327	ug/l	99
39) Methylcyclohexane	7.385	83	355028	50.747	ug/l	98
40) Benzene	6.050	78	835235	49.375	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070225

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	137841	54.246	ug/l	98
42) 1,2-Dichloroethane	6.092	62	282094	49.110	ug/l	100
43) Isopropyl Acetate	6.342	43	390969	53.586	ug/l	99
44) Trichloroethene	7.129	130	212780	48.321	ug/l	100
45) 1,2-Dichloropropane	7.434	63	213351	49.920	ug/l	98
46) Dibromomethane	7.586	93	146563	49.494	ug/l	100
47) Bromodichloromethane	7.824	83	313088	49.516	ug/l	97
48) Methyl methacrylate	7.696	41	206773	54.886	ug/l	99
49) 1,4-Dioxane	7.659	88	47208	1081.463	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1163206	270.137	ug/l	100
52) Toluene	8.720	92	524414	50.028	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	298344	52.871	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	334998	52.010	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	194738	49.876	ug/l	98
56) Ethyl methacrylate	9.116	69	294579	54.511	ug/l	99
57) 1,3-Dichloropropane	9.305	76	334325	49.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	817519	268.488	ug/l	100
59) 2-Hexanone	9.427	43	792449	277.453	ug/l	100
60) Dibromochloromethane	9.519	129	234044	50.089	ug/l	99
61) 1,2-Dibromoethane	9.610	107	200842	51.219	ug/l	100
64) Tetrachloroethene	9.275	164	174726	47.773	ug/l	93
65) Chlorobenzene	10.080	112	584424	49.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	199525	49.975	ug/l	99
67) Ethyl Benzene	10.189	91	1013473	49.829	ug/l	99
68) m/p-Xylenes	10.299	106	760571	99.238	ug/l	100
69) o-Xylene	10.640	106	368751	49.809	ug/l	99
70) Styrene	10.653	104	644744	50.903	ug/l	100
71) Bromoform	10.799	173	147395	49.651	ug/l #	99
73) Isopropylbenzene	10.957	105	981991	50.742	ug/l	100
74) N-amyl acetate	10.842	43	359547	54.674	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	269327	50.612	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	218733m	51.422	ug/l	
77) Bromobenzene	11.195	156	237950	49.363	ug/l	99
78) n-propylbenzene	11.299	91	1172148	50.231	ug/l	100
79) 2-Chlorotoluene	11.360	91	678845	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	808534	51.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	82807	52.240	ug/l	99
82) 4-Chlorotoluene	11.451	91	802710	50.483	ug/l	100
83) tert-Butylbenzene	11.713	119	826920	50.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	801503	50.428	ug/l	100
85) sec-Butylbenzene	11.890	105	1032626	50.429	ug/l	100
86) p-Isopropyltoluene	12.006	119	867283	50.577	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	446776	49.558	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	448682	47.821	ug/l	99
89) n-Butylbenzene	12.329	91	817746	50.753	ug/l	99
90) Hexachloroethane	12.536	117	151888	49.965	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	424172	48.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48557	52.171	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	301081	50.729	ug/l	99
94) Hexachlorobutadiene	13.719	225	117882	52.667	ug/l	99
95) Naphthalene	13.774	128	844747	54.014	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	285334	50.881	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/03/2025
Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

TIC: VX046867.D\data.ms

Abundance

Time-->

Chemical compounds identified (Retention Time, min):

- Dichlorodifluoromethane, T (1.00)
- Chloromethane, T (1.50)
- Trichlorofluoromethane, T (1.80)
- Acrolein, T (2.00)
- Diethyl ether, T (2.10)
- Methyl isothiocyanate, T (2.20)
- 1,1,2,2-Tetrachloroethane, T (2.30)
- Methyl acetate, T (2.40)
- Methyl chloride, T (2.50)
- Tert butyl alcohol, T (2.60)
- Acetonitrile, T (2.70)
- 1,1-Dichloroethane, P (3.70)
- Diisopropyl ether, T (3.80)
- Vinyl acetate, T (3.90)
- 2-Pentanone, T (4.50)
- Ethyl acetate, T (4.60)
- 1,1,2,2-Tetrachloroethane, T (4.70)
- Chloroform, T (4.80)
- 1,1,2,2-Tetrachloroethane, S (5.00)
- Permethrin, T (5.10)
- 1,2-Dichloroethane, T (5.20)
- 1,2-Dichloroethane, TM (5.30)
- Isopropyl acetate, T (5.40)
- 1,4-Difluorobenzene, I (6.50)
- Trichloroethene, TM (6.60)
- 1,2-Dichlorobenzene, T (6.70)
- 1,2-Dichloroethane, T (6.80)
- 1,2-Dichloroethane, T (6.90)
- 1,2-Dichloroethane, T (7.00)
- 1,2-Dichloroethane, T (7.10)
- 1,2-Dichloroethane, T (7.20)
- 1,2-Dichloroethane, T (7.30)
- 1,2-Dichloroethane, T (7.40)
- 1,2-Dichloroethane, T (7.50)
- 1,2-Dichloroethane, T (7.60)
- 1,2-Dichloroethane, T (7.70)
- 1,2-Dichloroethane, T (7.80)
- 1,2-Dichloroethane, T (7.90)
- 1,2-Dichloroethane, T (8.00)
- 1,2-Dichloroethane, T (8.10)
- 1,2-Dichloroethane, T (8.20)
- 1,2-Dichloroethane, T (8.30)
- 1,2-Dichloroethane, T (8.40)
- 1,2-Dichloroethane, T (8.50)
- 1,2-Dichloroethane, T (8.60)
- 1,2-Dichloroethane, T (8.70)
- 1,2-Dichloroethane, T (8.80)
- 1,2-Dichloroethane, T (8.90)
- 1,2-Dichloroethane, T (9.00)
- 1,2-Dichloroethane, T (9.10)
- 1,2-Dichloroethane, T (9.20)
- 1,2-Dichloroethane, T (9.30)
- 1,2-Dichloroethane, T (9.40)
- 1,2-Dichloroethane, T (9.50)
- 1,2-Dichloroethane, T (9.60)
- 1,2-Dichloroethane, T (9.70)
- 1,2-Dichloroethane, T (9.80)
- 1,2-Dichloroethane, T (9.90)
- 1,2-Dichloroethane, T (10.00)
- 1,2-Dichloroethane, T (10.10)
- 1,2-Dichloroethane, T (10.20)
- 1,2-Dichloroethane, T (10.30)
- 1,2-Dichloroethane, T (10.40)
- 1,2-Dichloroethane, T (10.50)
- 1,2-Dichloroethane, T (10.60)
- 1,2-Dichloroethane, T (10.70)
- 1,2-Dichloroethane, T (10.80)
- 1,2-Dichloroethane, T (10.90)
- 1,2-Dichloroethane, T (11.00)
- 1,2-Dichloroethane, T (11.10)
- 1,2-Dichloroethane, T (11.20)
- 1,2-Dichloroethane, T (11.30)
- 1,2-Dichloroethane, T (11.40)
- 1,2-Dichloroethane, T (11.50)
- 1,2-Dichloroethane, T (11.60)
- 1,2-Dichloroethane, T (11.70)
- 1,2-Dichloroethane, T (11.80)
- 1,2-Dichloroethane, T (11.90)
- 1,2-Dichloroethane, T (12.00)
- 1,2-Dichloroethane, T (12.10)
- 1,2-Dichloroethane, T (12.20)
- 1,2-Dichloroethane, T (12.30)
- 1,2-Dichloroethane, T (12.40)
- 1,2-Dichloroethane, T (12.50)
- 1,2-Dichloroethane, T (12.60)
- 1,2-Dichloroethane, T (12.70)
- 1,2-Dichloroethane, T (12.80)
- 1,2-Dichloroethane, T (12.90)
- 1,2-Dichloroethane, T (13.00)
- 1,2-Dichloroethane, T (13.10)
- 1,2-Dichloroethane, T (13.20)
- 1,2-Dichloroethane, T (13.30)
- 1,2-Dichloroethane, T (13.40)
- 1,2-Dichloroethane, T (13.50)
- 1,2-Dichloroethane, T (13.60)
- 1,2-Dichloroethane, T (13.70)
- 1,2-Dichloroethane, T (13.80)
- 1,2-Dichloroethane, T (13.90)
- 1,2-Dichloroethane, T (14.00)
- 1,2-Dichloroethane, T (14.10)
- 1,2-Dichloroethane, T (14.20)
- 1,2-Dichloroethane, T (14.30)
- 1,2-Dichloroethane, T (14.40)
- 1,2-Dichloroethane, T (14.50)
- 1,2-Dichloroethane, T (14.60)
- 1,2-Dichloroethane, T (14.70)
- 1,2-Dichloroethane, T (14.80)
- 1,2-Dichloroethane, T (14.90)
- 1,2-Dichloroethane, T (15.00)
- 1,2-Dichloroethane, T (15.10)
- 1,2-Dichloroethane, T (15.20)
- 1,2-Dichloroethane, T (15.30)
- 1,2-Dichloroethane, T (15.40)
- 1,2-Dichloroethane, T (15.50)
- 1,2-Dichloroethane, T (15.60)
- 1,2-Dichloroethane, T (15.70)
- 1,2-Dichloroethane, T (15.80)
- 1,2-Dichloroethane, T (15.90)
- 1,2-Dichloroethane, T (16.00)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX070225

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	0.478	0.475	0.6	100	0.00
3 P	Chloromethane	0.522	0.512	1.9	103	0.00
4 C	Vinyl Chloride	0.569	0.555	2.5#	103	0.00
5 T	Bromomethane	0.366	0.375	-2.5	107	0.00
6 T	Chloroethane	0.376	0.351	6.6	104	0.00
7 T	Trichlorofluoromethane	0.880	0.868	1.4	103	0.00
8 T	Diethyl Ether	0.313	0.311	0.6	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.561	0.555	1.1	103	0.00
10 T	Methyl Iodide	0.611	0.611	0.0	99	0.00
11 T	Tert butyl alcohol	0.043	0.046	-7.0	112	0.00
12 CM	1,1-Dichloroethene	0.542	0.526	3.0#	103	0.00
13 T	Acrolein	0.052	0.046	11.5	104	0.00
14 T	Allyl chloride	0.965	0.957	0.8	104	0.00
15 T	Acrylonitrile	0.250	0.256	-2.4	106	0.00
16 T	Acetone	0.205	0.200	2.4	106	0.00
17 T	Carbon Disulfide	1.422	1.332	6.3	101	0.00
18 T	Methyl Acetate	0.541	0.577	-6.7	107	0.00
19 T	Methyl tert-butyl Ether	1.531	1.598	-4.4	107	0.00
20 T	Methylene Chloride	0.607	0.596	1.8	104	0.00
21 T	trans-1,2-Dichloroethene	0.555	0.547	1.4	103	0.00
22 T	Diisopropyl ether	1.865	1.923	-3.1	103	0.00
23 T	Vinyl Acetate	1.397	1.476	-5.7	106	0.00
24 P	1,1-Dichloroethane	1.064	1.052	1.1	103	0.00
25 T	2-Butanone	0.274	0.286	-4.4	106	0.00
26 T	2,2-Dichloropropane	0.792	0.781	1.4	105	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.659	2.7	102	0.00
28 T	Bromochloromethane	0.525	0.527	-0.4	102	0.00
29 T	Tetrahydrofuran	0.175	0.187	-6.9	109	0.00
30 C	Chloroform	1.087	1.051	3.3#	102	0.00
31 T	Cyclohexane	0.944	0.932	1.3	104	0.00
32 T	1,1,1-Trichloroethane	0.908	0.891	1.9	103	0.00
33 S	1,2-Dichloroethane-d4	0.661	0.645	2.4	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.339	0.342	-0.9	102	0.00
36 T	1,1-Dichloropropene	0.458	0.451	1.5	104	0.00
37 T	Ethyl Acetate	0.390	0.376	3.6	106	0.00
38 T	Carbon Tetrachloride	0.484	0.478	1.2	102	0.00
39 T	Methylcyclohexane	0.573	0.581	-1.4	104	0.00
40 TM	Benzene	1.385	1.368	1.2	102	0.00
41 T	Methacrylonitrile	0.208	0.226	-8.7	108	0.00
42 TM	1,2-Dichloroethane	0.470	0.462	1.7	102	0.00
43 T	Isopropyl Acetate	0.597	0.640	-7.2	105	0.00
44 TM	Trichloroethene	0.361	0.348	3.6	103	0.00
45 C	1,2-Dichloropropane	0.350	0.349	0.3#	103	0.00
46 T	Dibromomethane	0.242	0.240	0.8	102	0.00
47 T	Bromodichloromethane	0.518	0.513	1.0	102	0.00
48 T	Methyl methacrylate	0.308	0.339	-10.1	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070225

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	108	0.00
50 S	Toluene-d8	1.197	1.199	-0.2	102	0.00
51 T	4-Methyl-2-Pentanone	0.353	0.381	-7.9	106	0.00
52 CM	Toluene	0.858	0.859	-0.1#	104	0.00
53 T	t-1,3-Dichloropropene	0.462	0.489	-5.8	105	0.00
54 T	cis-1,3-Dichloropropene	0.527	0.549	-4.2	104	0.00
55 T	1,1,2-Trichloroethane	0.320	0.319	0.3	102	0.00
56 T	Ethyl methacrylate	0.442	0.482	-9.0	107	0.00
57 T	1,3-Dichloropropane	0.550	0.547	0.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.249	0.268	-7.6	102	0.00
59 T	2-Hexanone	0.234	0.260	-11.1	107	0.00
60 T	Dibromochloromethane	0.383	0.383	0.0	103	0.00
61 T	1,2-Dibromoethane	0.321	0.329	-2.5	104	0.00
62 S	4-Bromofluorobenzene	0.455	0.463	-1.8	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.333	0.318	4.5	103	0.00
65 PM	Chlorobenzene	1.081	1.064	1.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.363	0.0	103	0.00
67 C	Ethyl Benzene	1.851	1.845	0.3#	103	0.00
68 T	m/p-Xylenes	0.698	0.692	0.9	102	0.00
69 T	o-Xylene	0.674	0.671	0.4	103	0.00
70 T	Styrene	1.153	1.174	-1.8	102	0.00
71 P	Bromoform	0.270	0.268	0.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.515	3.567	-1.5	102	0.00
74 T	N-amyl acetate	1.194	1.306	-9.4	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.966	0.978	-1.2	105	0.00
76 T	1,2,3-Trichloropropane	0.773	0.795	-2.8	104	0.00
77 T	Bromobenzene	0.875	0.864	1.3	102	0.00
78 T	n-propylbenzene	4.238	4.258	-0.5	102	0.00
79 T	2-Chlorotoluene	2.503	2.466	1.5	102	0.00
80 T	1,3,5-Trimethylbenzene	2.856	2.937	-2.8	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.301	-4.5	106	0.00
82 T	4-Chlorotoluene	2.888	2.916	-1.0	103	0.00
83 T	tert-Butylbenzene	2.950	3.004	-1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	2.887	2.911	-0.8	102	0.00
85 T	sec-Butylbenzene	3.719	3.751	-0.9	102	0.00
86 T	p-Isopropyltoluene	3.114	3.150	-1.2	103	0.00
87 T	1,3-Dichlorobenzene	1.637	1.623	0.9	103	0.00
88 T	1,4-Dichlorobenzene	1.704	1.630	4.3	103	0.00
89 T	n-Butylbenzene	2.926	2.970	-1.5	103	0.00
90 T	Hexachloroethane	0.552	0.552	0.0	103	0.00
91 T	1,2-Dichlorobenzene	1.587	1.541	2.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.169	0.176	-4.1	107	0.00
93 T	1,2,4-Trichlorobenzene	1.078	1.094	-1.5	104	0.00
94 T	Hexachlorobutadiene	0.407	0.428	-5.2	108	0.00
95 T	Naphthalene	2.840	3.069	-8.1	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	1.036	-1.7	102	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070225

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	50.000	49.661	0.7	100	0.00
3 P	Chloromethane	50.000	48.967	2.1	103	0.00
4 C	Vinyl Chloride	50.000	48.733	2.5#	103	0.00
5 T	Bromomethane	50.000	51.285	-2.6	107	0.00
6 T	Chloroethane	50.000	46.751	6.5	104	0.00
7 T	Trichlorofluoromethane	50.000	49.325	1.3	103	0.00
8 T	Diethyl Ether	50.000	49.670	0.7	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.499	1.0	103	0.00
10 T	Methyl Iodide	50.000	50.021	-0.0	99	0.00
11 T	Tert butyl alcohol	250.000	266.531	-6.6	112	0.00
12 CM	1,1-Dichloroethene	50.000	48.521	3.0#	103	0.00
13 T	Acrolein	250.000	242.250	3.1	104	0.00
14 T	Allyl chloride	50.000	49.549	0.9	104	0.00
15 T	Acrylonitrile	250.000	255.809	-2.3	106	0.00
16 T	Acetone	250.000	243.622	2.6	106	0.00
17 T	Carbon Disulfide	50.000	46.842	6.3	101	0.00
18 T	Methyl Acetate	50.000	53.354	-6.7	107	0.00
19 T	Methyl tert-butyl Ether	50.000	52.199	-4.4	107	0.00
20 T	Methylene Chloride	50.000	49.097	1.8	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.334	1.3	103	0.00
22 T	Diisopropyl ether	50.000	51.568	-3.1	103	0.00
23 T	Vinyl Acetate	250.000	264.173	-5.7	106	0.00
24 P	1,1-Dichloroethane	50.000	49.449	1.1	103	0.00
25 T	2-Butanone	250.000	261.552	-4.6	106	0.00
26 T	2,2-Dichloropropane	50.000	49.351	1.3	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.630	2.7	102	0.00
28 T	Bromochloromethane	50.000	50.232	-0.5	102	0.00
29 T	Tetrahydrofuran	250.000	267.272	-6.9	109	0.00
30 C	Chloroform	50.000	48.348	3.3#	102	0.00
31 T	Cyclohexane	50.000	49.328	1.3	104	0.00
32 T	1,1,1-Trichloroethane	50.000	49.101	1.8	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.819	2.4	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.377	-0.8	102	0.00
36 T	1,1-Dichloropropene	50.000	49.261	1.5	104	0.00
37 T	Ethyl Acetate	50.000	48.151	3.7	106	0.00
38 T	Carbon Tetrachloride	50.000	49.327	1.3	102	0.00
39 T	Methylcyclohexane	50.000	50.747	-1.5	104	0.00
40 TM	Benzene	50.000	49.375	1.3	102	0.00
41 T	Methacrylonitrile	50.000	54.246	-8.5	108	0.00
42 TM	1,2-Dichloroethane	50.000	49.110	1.8	102	0.00
43 T	Isopropyl Acetate	50.000	53.586	-7.2	105	0.00
44 TM	Trichloroethene	50.000	48.321	3.4	103	0.00
45 C	1,2-Dichloropropane	50.000	49.920	0.2#	103	0.00
46 T	Dibromomethane	50.000	49.494	1.0	102	0.00
47 T	Bromodichloromethane	50.000	49.516	1.0	102	0.00
48 T	Methyl methacrylate	50.000	54.886	-9.8	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046867.D
 Acq On : 02 Jul 2025 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070225

Quant Time: Jul 03 05:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1081.463	-8.1	108	0.00
50 S	Toluene-d8	50.000	50.047	-0.1	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.137	-8.1	106	0.00
52 CM	Toluene	50.000	50.028	-0.1#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	52.871	-5.7	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.010	-4.0	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.876	0.2	102	0.00
56 T	Ethyl methacrylate	50.000	54.511	-9.0	107	0.00
57 T	1,3-Dichloropropane	50.000	49.728	0.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.488	-7.4	102	0.00
59 T	2-Hexanone	250.000	277.453	-11.0	107	0.00
60 T	Dibromochloromethane	50.000	50.089	-0.2	103	0.00
61 T	1,2-Dibromoethane	50.000	51.219	-2.4	104	0.00
62 S	4-Bromofluorobenzene	50.000	50.818	-1.6	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	47.773	4.5	103	0.00
65 PM	Chlorobenzene	50.000	49.208	1.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.975	0.0	103	0.00
67 C	Ethyl Benzene	50.000	49.829	0.3#	103	0.00
68 T	m/p-Xylenes	100.000	99.238	0.8	102	0.00
69 T	o-Xylene	50.000	49.809	0.4	103	0.00
70 T	Styrene	50.000	50.903	-1.8	102	0.00
71 P	Bromoform	50.000	49.651	0.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	50.742	-1.5	102	0.00
74 T	N-ethyl acetate	50.000	54.674	-9.3	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.612	-1.2	105	0.00
76 T	1,2,3-Trichloropropane	50.000	51.422	-2.8	104	0.00
77 T	Bromobenzene	50.000	49.363	1.3	102	0.00
78 T	n-propylbenzene	50.000	50.231	-0.5	102	0.00
79 T	2-Chlorotoluene	50.000	49.268	1.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.418	-2.8	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.240	-4.5	106	0.00
82 T	4-Chlorotoluene	50.000	50.483	-1.0	103	0.00
83 T	tert-Butylbenzene	50.000	50.916	-1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.428	-0.9	102	0.00
85 T	sec-Butylbenzene	50.000	50.429	-0.9	102	0.00
86 T	p-Isopropyltoluene	50.000	50.577	-1.2	103	0.00
87 T	1,3-Dichlorobenzene	50.000	49.558	0.9	103	0.00
88 T	1,4-Dichlorobenzene	50.000	47.821	4.4	103	0.00
89 T	n-Butylbenzene	50.000	50.753	-1.5	103	0.00
90 T	Hexachloroethane	50.000	49.965	0.1	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.553	2.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.171	-4.3	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.729	-1.5	104	0.00
94 T	Hexachlorobutadiene	50.000	52.667	-5.3	108	0.00
95 T	Naphthalene	50.000	54.014	-8.0	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.881	-1.8	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/10/2025 09:54</u>
Lab File ID:	<u>VX046933.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.491		2.72	20
Chloromethane	0.522	0.530	0.1	1.53	20
Vinyl Chloride	0.569	0.575		1.05	20
Bromomethane	0.366	0.384		4.92	20
Chloroethane	0.376	0.378		0.53	20
Trichlorofluoromethane	0.880	0.925		5.11	20
1,1,2-Trichlorotrifluoroethane	0.561	0.602		7.31	20
1,1-Dichloroethene	0.542	0.561		3.51	20
Acetone	0.205	0.237		15.61	20
Carbon Disulfide	1.422	1.331		-6.4	20
Methyl tert-butyl Ether	1.531	1.789		16.85	20
Methyl Acetate	0.541	0.697		28.83	20
Methylene Chloride	0.607	0.664		9.39	20
trans-1,2-Dichloroethene	0.555	0.582		4.86	20
1,1-Dichloroethane	1.064	1.156	0.1	8.65	20
Cyclohexane	0.944	0.949		0.53	20
2-Butanone	0.274	0.323		17.88	20
Carbon Tetrachloride	0.484	0.514		6.2	20
cis-1,2-Dichloroethene	0.677	0.724		6.94	20
Bromochloromethane	0.525	0.563		7.24	20
Chloroform	1.087	1.184		8.92	20
1,1,1-Trichloroethane	0.908	0.966		6.39	20
Methylcyclohexane	0.573	0.572		-0.17	20
Benzene	1.385	1.459		5.34	20
1,2-Dichloroethane	0.470	0.518		10.21	20
Trichloroethene	0.361	0.366		1.38	20
1,2-Dichloropropane	0.350	0.379		8.29	20
Bromodichloromethane	0.518	0.576		11.2	20
4-Methyl-2-Pentanone	0.353	0.415		17.56	20
Toluene	0.858	0.906		5.59	20
t-1,3-Dichloropropene	0.462	0.530		14.72	20
cis-1,3-Dichloropropene	0.527	0.594		12.71	20
1,1,2-Trichloroethane	0.320	0.359		12.19	20
2-Hexanone	0.234	0.282		20.51	20
Dibromochloromethane	0.383	0.429		12.01	20
1,2-Dibromoethane	0.321	0.361		12.46	20
Tetrachloroethene	0.333	0.343		3	20
Chlorobenzene	1.081	1.156	0.3	6.94	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/10/2025 09:54</u>
Lab File ID:	<u>VX046933.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.991		7.56	20
m/p-Xylenes	0.698	0.748		7.16	20
o-Xylene	0.674	0.731		8.46	20
Styrene	1.153	1.280		11.02	20
Bromoform	0.270	0.310	0.1	14.81	20
Isopropylbenzene	3.515	3.800		8.11	20
1,1,2,2-Tetrachloroethane	0.966	1.071	0.3	10.87	20
1,3-Dichlorobenzene	1.637	1.724		5.32	20
1,4-Dichlorobenzene	1.704	1.741		2.17	20
1,2-Dichlorobenzene	1.587	1.671		5.29	20
1,2-Dibromo-3-Chloropropane	0.169	0.191		13.02	20
1,2,4-Trichlorobenzene	1.078	1.137		5.47	20
1,2,3-Trichlorobenzene	1.019	1.098		7.75	20
1,2-Dichloroethane-d4	0.661	0.672		1.66	20
Dibromofluoromethane	0.339	0.344		1.48	20
Toluene-d8	1.197	1.173		-2.01	20
4-Bromofluorobenzene	0.455	0.452		-0.66	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	506196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	449744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231018	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	208244	50.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.800%	
35) Dibromofluoromethane	5.391	113	174249	50.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.646	98	593543	48.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.079	95	228990	49.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.400%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.184	85	151949	51.309	ug/l	99
3) Chloromethane	1.306	50	164098	50.717	ug/l	95
4) Vinyl Chloride	1.386	62	177948	50.503	ug/l	97
5) Bromomethane	1.623	94	118796	52.473	ug/l	100
6) Chloroethane	1.703	64	116983	50.280	ug/l	98
7) Trichlorofluoromethane	1.904	101	286380	52.565	ug/l	99
8) Diethyl Ether	2.142	74	107924	55.664	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	186453	53.708	ug/l	100
10) Methyl Iodide	2.465	142	206546	54.611	ug/l	99
11) Tert butyl alcohol	2.952	59	81303	303.026	ug/l	100
12) 1,1-Dichloroethene	2.337	96	173641	51.712	ug/l	98
13) Acrolein	2.245	56	86467	291.173	ug/l	100
14) Allyl chloride	2.678	41	322811	53.998	ug/l	99
15) Acrylonitrile	3.068	53	449828	289.980	ug/l	99
16) Acetone	2.385	43	366304	288.263	ug/l	100
17) Carbon Disulfide	2.526	76	412212	46.811	ug/l	100
18) Methyl Acetate	2.709	43	215920	64.467	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	553871	58.411	ug/l	99
20) Methylene Chloride	2.800	84	205618	54.721	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	180079	52.410	ug/l	97
22) Diisopropyl ether	3.763	45	670716	58.072	ug/l	96
23) Vinyl Acetate	3.727	43	2477454	286.319	ug/l	100
24) 1,1-Dichloroethane	3.617	63	357940	54.341	ug/l	99
25) 2-Butanone	4.550	43	500177	295.023	ug/l	99
26) 2,2-Dichloropropane	4.483	77	260044	53.046	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	224062	53.411	ug/l	100
28) Bromochloromethane	4.903	49	174450	53.663	ug/l	98
29) Tetrahydrofuran	5.001	42	319193	295.346	ug/l	99
30) Chloroform	5.098	83	366588	54.475	ug/l	99
31) Cyclohexane	5.476	56	293928	50.264	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	299014	53.185	ug/l	99
36) 1,1-Dichloropropene	5.702	75	233003	50.259	ug/l	98
37) Ethyl Acetate	4.714	43	204824	51.873	ug/l	99
38) Carbon Tetrachloride	5.677	117	260404	53.130	ug/l	98
39) Methylcyclohexane	7.378	83	289659	49.948	ug/l	98
40) Benzene	6.037	78	738545	52.669	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 07:53:49 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M

Quant Title : SW846 8260

QLast Update : Thu Jul 03 05:51:11 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	131689	62.520	ug/l	96
42) 1,2-Dichloroethane	6.086	62	262211	55.069	ug/l	99
43) Isopropyl Acetate	6.336	43	354544	58.622	ug/l	100
44) Trichloroethene	7.122	130	185363	50.782	ug/l	96
45) 1,2-Dichloropropane	7.427	63	191861	54.156	ug/l	97
46) Dibromomethane	7.580	93	133790	54.505	ug/l	100
47) Bromodichloromethane	7.817	83	291450	55.607	ug/l	99
48) Methyl methacrylate	7.689	41	183752	58.841	ug/l	98
49) 1,4-Dioxane	7.659	88	45551	1258.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	1050082	294.193	ug/l	100
52) Toluene	8.714	92	458577	52.775	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	268066	57.309	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	300493	56.281	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	181961	56.221	ug/l	98
56) Ethyl methacrylate	9.116	69	261996	58.487	ug/l	99
57) 1,3-Dichloropropane	9.305	76	307072	55.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	750523	297.352	ug/l	99
59) 2-Hexanone	9.427	43	714728	301.884	ug/l	99
60) Dibromochloromethane	9.518	129	217275	56.096	ug/l	98
61) 1,2-Dibromoethane	9.610	107	182626	56.184	ug/l	100
64) Tetrachloroethene	9.274	164	154054	51.447	ug/l	91
65) Chlorobenzene	10.079	112	519904	53.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	182763	55.912	ug/l	100
67) Ethyl Benzene	10.189	91	895395	53.771	ug/l	99
68) m/p-Xylenes	10.299	106	673223	107.290	ug/l	99
69) o-Xylene	10.640	106	328951	54.271	ug/l	99
70) Styrene	10.652	104	575709	55.516	ug/l	100
71) Bromoform	10.799	173	139236	57.288	ug/l #	97
73) Isopropylbenzene	10.957	105	877918	54.059	ug/l	99
74) N-amyl acetate	10.841	43	314316	56.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	247309	55.381	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	196306m	54.995	ug/l	
77) Bromobenzene	11.195	156	214087	52.925	ug/l	98
78) n-propylbenzene	11.298	91	1034484	52.828	ug/l	99
79) 2-Chlorotoluene	11.359	91	601179	51.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	711235	53.899	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73354	55.146	ug/l	97
82) 4-Chlorotoluene	11.451	91	713998	53.511	ug/l	100
83) tert-Butylbenzene	11.713	119	732365	53.736	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	714758	53.589	ug/l	97
85) sec-Butylbenzene	11.890	105	903499	52.579	ug/l	100
86) p-Isopropyltoluene	12.006	119	757887	52.668	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	398386	52.660	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	402250	51.089	ug/l	100
89) n-Butylbenzene	12.329	91	710200	52.526	ug/l	100
90) Hexachloroethane	12.536	117	135916	53.280	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	386093	52.664	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	44132	56.504	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	262781	52.762	ug/l	99
94) Hexachlorobutadiene	13.725	225	95431	50.808	ug/l	99
95) Naphthalene	13.774	128	748433	57.028	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	253738	53.919	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

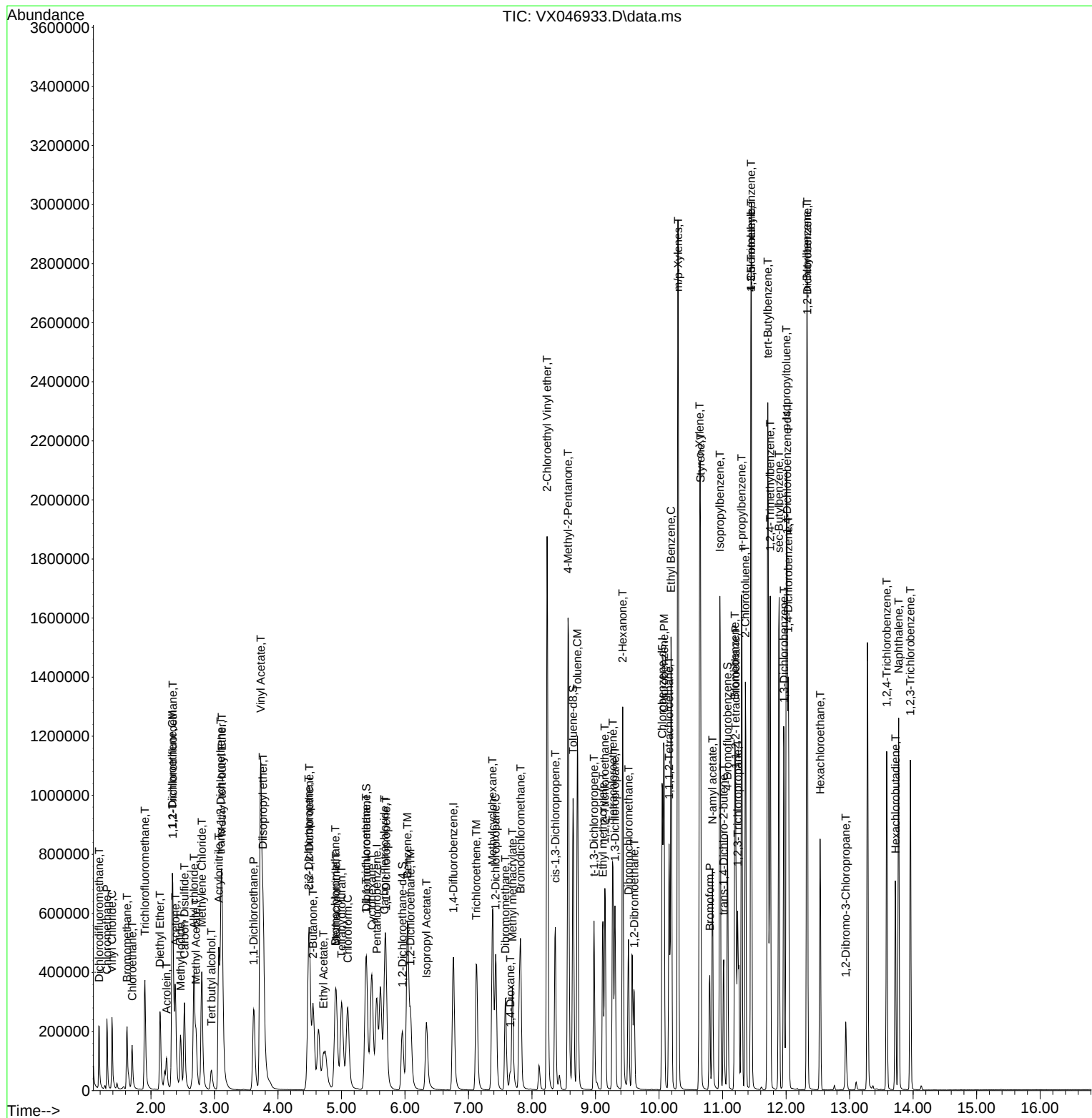
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	0.478	0.491	-2.7	85	0.00
3 P	Chloromethane	0.522	0.530	-1.5	88	0.00
4 C	Vinyl Chloride	0.569	0.575	-1.1#	88	0.00
5 T	Bromomethane	0.366	0.384	-4.9	90	0.00
6 T	Chloroethane	0.376	0.378	-0.5	92	0.00
7 T	Trichlorofluoromethane	0.880	0.925	-5.1	91	0.00
8 T	Diethyl Ether	0.313	0.349	-11.5	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.561	0.602	-7.3	92	0.00
10 T	Methyl Iodide	0.611	0.667	-9.2	89	0.00
11 T	Tert butyl alcohol	0.043	0.053	-23.3	105	0.00
12 CM	1,1-Dichloroethene	0.542	0.561	-3.5#	90	0.00
13 T	Acrolein	0.052	0.056	-7.7	103	0.00
14 T	Allyl chloride	0.965	1.042	-8.0	93	0.00
15 T	Acrylonitrile	0.250	0.291	-16.4	99	0.00
16 T	Acetone	0.205	0.237	-15.6	103	0.00
17 T	Carbon Disulfide	1.422	1.331	6.4	83	0.00
18 T	Methyl Acetate	0.541	0.697	-28.8#	106	0.00
19 T	Methyl tert-butyl Ether	1.531	1.789	-16.9	98	0.00
20 T	Methylene Chloride	0.607	0.664	-9.4	95	0.00
21 T	trans-1,2-Dichloroethene	0.555	0.582	-4.9	90	0.00
22 T	Diisopropyl ether	1.865	2.166	-16.1	96	0.00
23 T	Vinyl Acetate	1.397	1.600	-14.5	95	0.00
24 P	1,1-Dichloroethane	1.064	1.156	-8.6	94	0.00
25 T	2-Butanone	0.274	0.323	-17.9	99	-0.01
26 T	2,2-Dichloropropane	0.792	0.840	-6.1	93	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.724	-6.9	92	0.00
28 T	Bromochloromethane	0.525	0.563	-7.2	90	0.00
29 T	Tetrahydrofuran	0.175	0.206	-17.7	99	0.00
30 C	Chloroform	1.087	1.184	-8.9#	95	0.00
31 T	Cyclohexane	0.944	0.949	-0.5	87	0.00
32 T	1,1,1-Trichloroethane	0.908	0.966	-6.4	92	-0.01
33 S	1,2-Dichloroethane-d4	0.661	0.672	-1.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.339	0.344	-1.5	85	0.00
36 T	1,1-Dichloropropene	0.458	0.460	-0.4	88	0.00
37 T	Ethyl Acetate	0.390	0.405	-3.8	95	0.00
38 T	Carbon Tetrachloride	0.484	0.514	-6.2	91	-0.01
39 T	Methylcyclohexane	0.573	0.572	0.2	85	0.00
40 TM	Benzene	1.385	1.459	-5.3	91	-0.01
41 T	Methacrylonitrile	0.208	0.260	-25.0#	103	0.00
42 TM	1,2-Dichloroethane	0.470	0.518	-10.2	95	0.00
43 T	Isopropyl Acetate	0.597	0.700	-17.3	95	0.00
44 TM	Trichloroethene	0.361	0.366	-1.4	90	0.00
45 C	1,2-Dichloropropane	0.350	0.379	-8.3#	92	0.00
46 T	Dibromomethane	0.242	0.264	-9.1	93	0.00
47 T	Bromodichloromethane	0.518	0.576	-11.2	95	0.00
48 T	Methyl methacrylate	0.308	0.363	-17.9	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	104	0.00
50 S	Toluene-d8	1.197	1.173	2.0	83	0.00
51 T	4-Methyl-2-Pentanone	0.353	0.415	-17.6	95	0.00
52 CM	Toluene	0.858	0.906	-5.6#	91	0.00
53 T	t-1,3-Dichloropropene	0.462	0.530	-14.7	94	0.00
54 T	cis-1,3-Dichloropropene	0.527	0.594	-12.7	94	0.00
55 T	1,1,2-Trichloroethane	0.320	0.359	-12.2	95	0.00
56 T	Ethyl methacrylate	0.442	0.518	-17.2	95	0.00
57 T	1,3-Dichloropropane	0.550	0.607	-10.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.249	0.297	-19.3	94	0.00
59 T	2-Hexanone	0.234	0.282	-20.5	96	0.00
60 T	Dibromochloromethane	0.383	0.429	-12.0	96	0.00
61 T	1,2-Dibromoethane	0.321	0.361	-12.5	95	0.00
62 S	4-Bromofluorobenzene	0.455	0.452	0.7	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.333	0.343	-3.0	91	0.00
65 PM	Chlorobenzene	1.081	1.156	-6.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.406	-11.8	94	0.00
67 C	Ethyl Benzene	1.851	1.991	-7.6#	91	0.00
68 T	m/p-Xylenes	0.698	0.748	-7.2	91	0.00
69 T	o-Xylene	0.674	0.731	-8.5	92	0.00
70 T	Styrene	1.153	1.280	-11.0	91	0.00
71 P	Bromoform	0.270	0.310	-14.8	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.515	3.800	-8.1	91	0.00
74 T	N-amyl acetate	1.194	1.361	-14.0	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.966	1.071	-10.9	96	0.00
76 T	1,2,3-Trichloropropane	0.773	0.850	-10.0	93	0.00
77 T	Bromobenzene	0.875	0.927	-5.9	92	0.00
78 T	n-propylbenzene	4.238	4.478	-5.7	90	0.00
79 T	2-Chlorotoluene	2.503	2.602	-4.0	91	0.00
80 T	1,3,5-Trimethylbenzene	2.856	3.079	-7.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.318	-10.4	94	0.00
82 T	4-Chlorotoluene	2.888	3.091	-7.0	92	0.00
83 T	tert-Butylbenzene	2.950	3.170	-7.5	91	0.00
84 T	1,2,4-Trimethylbenzene	2.887	3.094	-7.2	91	0.00
85 T	sec-Butylbenzene	3.719	3.911	-5.2	90	0.00
86 T	p-Isopropyltoluene	3.114	3.281	-5.4	90	0.00
87 T	1,3-Dichlorobenzene	1.637	1.724	-5.3	92	0.00
88 T	1,4-Dichlorobenzene	1.704	1.741	-2.2	92	0.00
89 T	n-Butylbenzene	2.926	3.074	-5.1	89	0.00
90 T	Hexachloroethane	0.552	0.588	-6.5	92	0.00
91 T	1,2-Dichlorobenzene	1.587	1.671	-5.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.169	0.191	-13.0	97	0.00
93 T	1,2,4-Trichlorobenzene	1.078	1.137	-5.5	91	0.00
94 T	Hexachlorobutadiene	0.407	0.413	-1.5	87	0.00
95 T	Naphthalene	2.840	3.240	-14.1	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	1.098	-7.8	91	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	50.000	51.309	-2.6	85	0.00
3 P	Chloromethane	50.000	50.717	-1.4	88	0.00
4 C	Vinyl Chloride	50.000	50.503	-1.0#	88	0.00
5 T	Bromomethane	50.000	52.473	-4.9	90	0.00
6 T	Chloroethane	50.000	50.280	-0.6	92	0.00
7 T	Trichlorofluoromethane	50.000	52.565	-5.1	91	0.00
8 T	Diethyl Ether	50.000	55.664	-11.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.708	-7.4	92	0.00
10 T	Methyl Iodide	50.000	54.611	-9.2	89	0.00
11 T	Tert butyl alcohol	250.000	303.026	-21.2	105	0.00
12 CM	1,1-Dichloroethene	50.000	51.712	-3.4#	90	0.00
13 T	Acrolein	250.000	291.173	-16.5	103	0.00
14 T	Allyl chloride	50.000	53.998	-8.0	93	0.00
15 T	Acrylonitrile	250.000	289.980	-16.0	99	0.00
16 T	Acetone	250.000	288.263	-15.3	103	0.00
17 T	Carbon Disulfide	50.000	46.811	6.4	83	0.00
18 T	Methyl Acetate	50.000	64.467	-28.9#	106	0.00
19 T	Methyl tert-butyl Ether	50.000	58.411	-16.8	98	0.00
20 T	Methylene Chloride	50.000	54.721	-9.4	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.410	-4.8	90	0.00
22 T	Diisopropyl ether	50.000	58.072	-16.1	96	0.00
23 T	Vinyl Acetate	250.000	286.319	-14.5	95	0.00
24 P	1,1-Dichloroethane	50.000	54.341	-8.7	94	0.00
25 T	2-Butanone	250.000	295.023	-18.0	99	-0.01
26 T	2,2-Dichloropropane	50.000	53.046	-6.1	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.411	-6.8	92	0.00
28 T	Bromochloromethane	50.000	53.663	-7.3	90	0.00
29 T	Tetrahydrofuran	250.000	295.346	-18.1	99	0.00
30 C	Chloroform	50.000	54.475	-9.0#	95	0.00
31 T	Cyclohexane	50.000	50.264	-0.5	87	0.00
32 T	1,1,1-Trichloroethane	50.000	53.185	-6.4	92	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.904	-1.8	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	50.712	-1.4	85	0.00
36 T	1,1-Dichloropropene	50.000	50.259	-0.5	88	0.00
37 T	Ethyl Acetate	50.000	51.873	-3.7	95	0.00
38 T	Carbon Tetrachloride	50.000	53.130	-6.3	91	-0.01
39 T	Methylcyclohexane	50.000	49.948	0.1	85	0.00
40 TM	Benzene	50.000	52.669	-5.3	91	-0.01
41 T	Methacrylonitrile	50.000	62.520	-25.0#	103	0.00
42 TM	1,2-Dichloroethane	50.000	55.069	-10.1	95	0.00
43 T	Isopropyl Acetate	50.000	58.622	-17.2	95	0.00
44 TM	Trichloroethene	50.000	50.782	-1.6	90	0.00
45 C	1,2-Dichloropropane	50.000	54.156	-8.3#	92	0.00
46 T	Dibromomethane	50.000	54.505	-9.0	93	0.00
47 T	Bromodichloromethane	50.000	55.607	-11.2	95	0.00
48 T	Methyl methacrylate	50.000	58.841	-17.7	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1258.852	-25.9#	104	0.00
50 S	Toluene-d8	50.000	48.959	2.1	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.193	-17.7	95	0.00
52 CM	Toluene	50.000	52.775	-5.5#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.309	-14.6	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.281	-12.6	94	0.00
55 T	1,1,2-Trichloroethane	50.000	56.221	-12.4	95	0.00
56 T	Ethyl methacrylate	50.000	58.487	-17.0	95	0.00
57 T	1,3-Dichloropropane	50.000	55.100	-10.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	297.352	-18.9	94	0.00
59 T	2-Hexanone	250.000	301.884	-20.8	96	0.00
60 T	Dibromochloromethane	50.000	56.096	-12.2	96	0.00
61 T	1,2-Dibromoethane	50.000	56.184	-12.4	95	0.00
62 S	4-Bromofluorobenzene	50.000	49.699	0.6	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	51.447	-2.9	91	0.00
65 PM	Chlorobenzene	50.000	53.468	-6.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.912	-11.8	94	0.00
67 C	Ethyl Benzene	50.000	53.771	-7.5#	91	0.00
68 T	m/p-Xylenes	100.000	107.290	-7.3	91	0.00
69 T	o-Xylene	50.000	54.271	-8.5	92	0.00
70 T	Styrene	50.000	55.516	-11.0	91	0.00
71 P	Bromoform	50.000	57.288	-14.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	54.059	-8.1	91	0.00
74 T	N-amyl acetate	50.000	56.957	-13.9	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.381	-10.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	54.995	-10.0	93	0.00
77 T	Bromobenzene	50.000	52.925	-5.8	92	0.00
78 T	n-propylbenzene	50.000	52.828	-5.7	90	0.00
79 T	2-Chlorotoluene	50.000	51.994	-4.0	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.899	-7.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.146	-10.3	94	0.00
82 T	4-Chlorotoluene	50.000	53.511	-7.0	92	0.00
83 T	tert-Butylbenzene	50.000	53.736	-7.5	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.589	-7.2	91	0.00
85 T	sec-Butylbenzene	50.000	52.579	-5.2	90	0.00
86 T	p-Isopropyltoluene	50.000	52.668	-5.3	90	0.00
87 T	1,3-Dichlorobenzene	50.000	52.660	-5.3	92	0.00
88 T	1,4-Dichlorobenzene	50.000	51.089	-2.2	92	0.00
89 T	n-Butylbenzene	50.000	52.526	-5.1	89	0.00
90 T	Hexachloroethane	50.000	53.280	-6.6	92	0.00
91 T	1,2-Dichlorobenzene	50.000	52.664	-5.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.504	-13.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.762	-5.5	91	0.00
94 T	Hexachlorobutadiene	50.000	50.808	-1.6	87	0.00
95 T	Naphthalene	50.000	57.028	-14.1	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.919	-7.8	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/14/2025 09:16</u>
Lab File ID:	<u>VX046961.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.487		1.88	20
Chloromethane	0.522	0.477	0.1	-8.62	20
Vinyl Chloride	0.569	0.565		-0.7	20
Bromomethane	0.366	0.365		-0.27	20
Chloroethane	0.376	0.357		-5.05	20
Trichlorofluoromethane	0.880	0.919		4.43	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.553		2.03	20
Acetone	0.205	0.234		14.15	20
Carbon Disulfide	1.422	1.298		-8.72	20
Methyl tert-butyl Ether	1.531	1.868		22.01	20
Methyl Acetate	0.541	0.769		42.14	20
Methylene Chloride	0.607	0.629		3.62	20
trans-1,2-Dichloroethene	0.555	0.557		0.36	20
1,1-Dichloroethane	1.064	1.127	0.1	5.92	20
Cyclohexane	0.944	0.919		-2.65	20
2-Butanone	0.274	0.340		24.09	20
Carbon Tetrachloride	0.484	0.506		4.55	20
cis-1,2-Dichloroethene	0.677	0.712		5.17	20
Bromochloromethane	0.525	0.551		4.95	20
Chloroform	1.087	1.141		4.97	20
1,1,1-Trichloroethane	0.908	0.987		8.7	20
Methylcyclohexane	0.573	0.556		-2.97	20
Benzene	1.385	1.391		0.43	20
1,2-Dichloroethane	0.470	0.497		5.74	20
Trichloroethene	0.361	0.355		-1.66	20
1,2-Dichloropropane	0.350	0.364		4	20
Bromodichloromethane	0.518	0.552		6.56	20
4-Methyl-2-Pentanone	0.353	0.436		23.51	20
Toluene	0.858	0.875		1.98	20
t-1,3-Dichloropropene	0.462	0.534		15.58	20
cis-1,3-Dichloropropene	0.527	0.581		10.25	20
1,1,2-Trichloroethane	0.320	0.348		8.75	20
2-Hexanone	0.234	0.300		28.2	20
Dibromochloromethane	0.383	0.413		7.83	20
1,2-Dibromoethane	0.321	0.347		8.1	20
Tetrachloroethene	0.333	0.320		-3.9	20
Chlorobenzene	1.081	1.090	0.3	0.83	20

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



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/14/2025 09:16</u>
Lab File ID:	<u>VX046961.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.887		1.95	20
m/p-Xylenes	0.698	0.709		1.58	20
o-Xylene	0.674	0.690		2.37	20
Styrene	1.153	1.208		4.77	20
Bromoform	0.270	0.301	0.1	11.48	20
Isopropylbenzene	3.515	3.763		7.05	20
1,1,2,2-Tetrachloroethane	0.966	1.107	0.3	14.6	20
1,3-Dichlorobenzene	1.637	1.719		5.01	20
1,4-Dichlorobenzene	1.704	1.738		2	20
1,2-Dichlorobenzene	1.587	1.657		4.41	20
1,2-Dibromo-3-Chloropropane	0.169	0.217		28.4	20
1,2,4-Trichlorobenzene	1.078	1.145		6.22	20
1,2,3-Trichlorobenzene	1.019	1.115		9.42	20
1,2-Dichloroethane-d4	0.661	0.674		1.97	20
Dibromofluoromethane	0.339	0.336		-0.88	20
Toluene-d8	1.197	1.136		-5.1	20
4-Bromofluorobenzene	0.455	0.448		-1.54	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	302863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	451308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204085	51.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.391	113	169374	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.646	98	572304	47.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	225723	49.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	147603	50.960	ug/l	97
3) Chloromethane	1.306	50	144411	45.634	ug/l	100
4) Vinyl Chloride	1.386	62	170975	49.613	ug/l	99
5) Bromomethane	1.617	94	110416	49.866	ug/l	98
6) Chloroethane	1.703	64	108263	47.576	ug/l	98
7) Trichlorofluoromethane	1.904	101	278444	52.255	ug/l	99
8) Diethyl Ether	2.142	74	103256	54.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	177113	52.163	ug/l	98
10) Methyl Iodide	2.465	142	150217	40.609	ug/l	98
11) Tert butyl alcohol	2.958	59	102389	390.182	ug/l	100
12) 1,1-Dichloroethene	2.331	96	167555	51.020	ug/l	99
13) Acrolein	2.245	56	66890	230.897	ug/l	96
14) Allyl chloride	2.678	41	314746	53.830	ug/l	99
15) Acrylonitrile	3.068	53	446983	294.614	ug/l	100
16) Acetone	2.385	43	355078	285.701	ug/l	97
17) Carbon Disulfide	2.526	76	393167	45.650	ug/l	100
18) Methyl Acetate	2.709	43	233009	71.131	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	565691	60.996	ug/l	98
20) Methylene Chloride	2.800	84	190463	51.825	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	168719	50.206	ug/l	99
22) Diisopropyl ether	3.763	45	636672	56.362	ug/l	93
23) Vinyl Acetate	3.727	43	2457841	290.428	ug/l	99
24) 1,1-Dichloroethane	3.617	63	341398	52.993	ug/l	100
25) 2-Butanone	4.556	43	515414	310.834	ug/l	98
26) 2,2-Dichloropropane	4.483	77	275917	57.548	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	215696	52.571	ug/l	98
28) Bromochloromethane	4.903	49	166884	52.488	ug/l	98
29) Tetrahydrofuran	5.007	42	332902	314.945	ug/l	99
30) Chloroform	5.098	83	345455	52.487	ug/l	97
31) Cyclohexane	5.476	56	278385	48.675	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	298910	54.360	ug/l	98
36) 1,1-Dichloropropene	5.696	75	229070	49.651	ug/l	99
37) Ethyl Acetate	4.714	43	218254	55.543	ug/l	98
38) Carbon Tetrachloride	5.678	117	255121	52.305	ug/l	98
39) Methylcyclohexane	7.378	83	280065	48.528	ug/l	100
40) Benzene	6.037	78	700628	50.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128489	61.297	ug/l	98
42) 1,2-Dichloroethane	6.086	62	250462	52.857	ug/l	99
43) Isopropyl Acetate	6.336	43	372260	61.850	ug/l	100
44) Trichloroethene	7.128	130	178886	49.245	ug/l	100
45) 1,2-Dichloropropane	7.427	63	183547	52.061	ug/l	100
46) Dibromomethane	7.580	93	128605	52.647	ug/l	100
47) Bromodichloromethane	7.817	83	278122	53.321	ug/l	98
48) Methyl methacrylate	7.689	41	193946	62.407	ug/l	98
49) 1,4-Dioxane	7.659	88	48473	1346.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	1097272	308.906	ug/l	99
52) Toluene	8.720	92	440638	50.957	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	268934	57.773	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	292640	55.076	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	175548	54.503	ug/l	99
56) Ethyl methacrylate	9.116	69	266571	59.797	ug/l	99
57) 1,3-Dichloropropane	9.305	76	290044	52.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	726836	289.366	ug/l	99
59) 2-Hexanone	9.427	43	756391	321.033	ug/l	99
60) Dibromochloromethane	9.518	129	208127	53.995	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174833	54.048	ug/l	100
64) Tetrachloroethene	9.274	164	144564	48.111	ug/l	98
65) Chlorobenzene	10.079	112	492117	50.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	174818	53.296	ug/l	99
67) Ethyl Benzene	10.189	91	851825	50.977	ug/l	98
68) m/p-Xylenes	10.299	106	639926	101.630	ug/l	99
69) o-Xylene	10.640	106	311366	51.192	ug/l	99
70) Styrene	10.652	104	545199	52.392	ug/l	99
71) Bromoform	10.799	173	135889	55.717	ug/l	98
73) Isopropylbenzene	10.957	105	828004	53.529	ug/l	100
74) N-amyl acetate	10.841	43	332486	63.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	243489	57.246	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	200865m	59.079	ug/l	
77) Bromobenzene	11.195	156	203317	52.769	ug/l	99
78) n-propylbenzene	11.298	91	984641	52.791	ug/l	100
79) 2-Chlorotoluene	11.359	91	580504	52.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	678149	53.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77554	61.211	ug/l	99
82) 4-Chlorotoluene	11.451	91	675805	53.174	ug/l	100
83) tert-Butylbenzene	11.713	119	704065	54.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	686276	54.020	ug/l	97
85) sec-Butylbenzene	11.890	105	868859	53.085	ug/l	99
86) p-Isopropyltoluene	12.006	119	730626	53.306	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	378343	52.505	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	382476	51.000	ug/l	99
89) n-Butylbenzene	12.329	91	679556	52.767	ug/l	99
90) Hexachloroethane	12.536	117	133002	54.739	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	364556	52.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	47729	64.157	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	251875	53.095	ug/l	99
94) Hexachlorobutadiene	13.719	225	94846	53.015	ug/l	98
95) Naphthalene	13.774	128	754921	60.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	245343	54.736	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

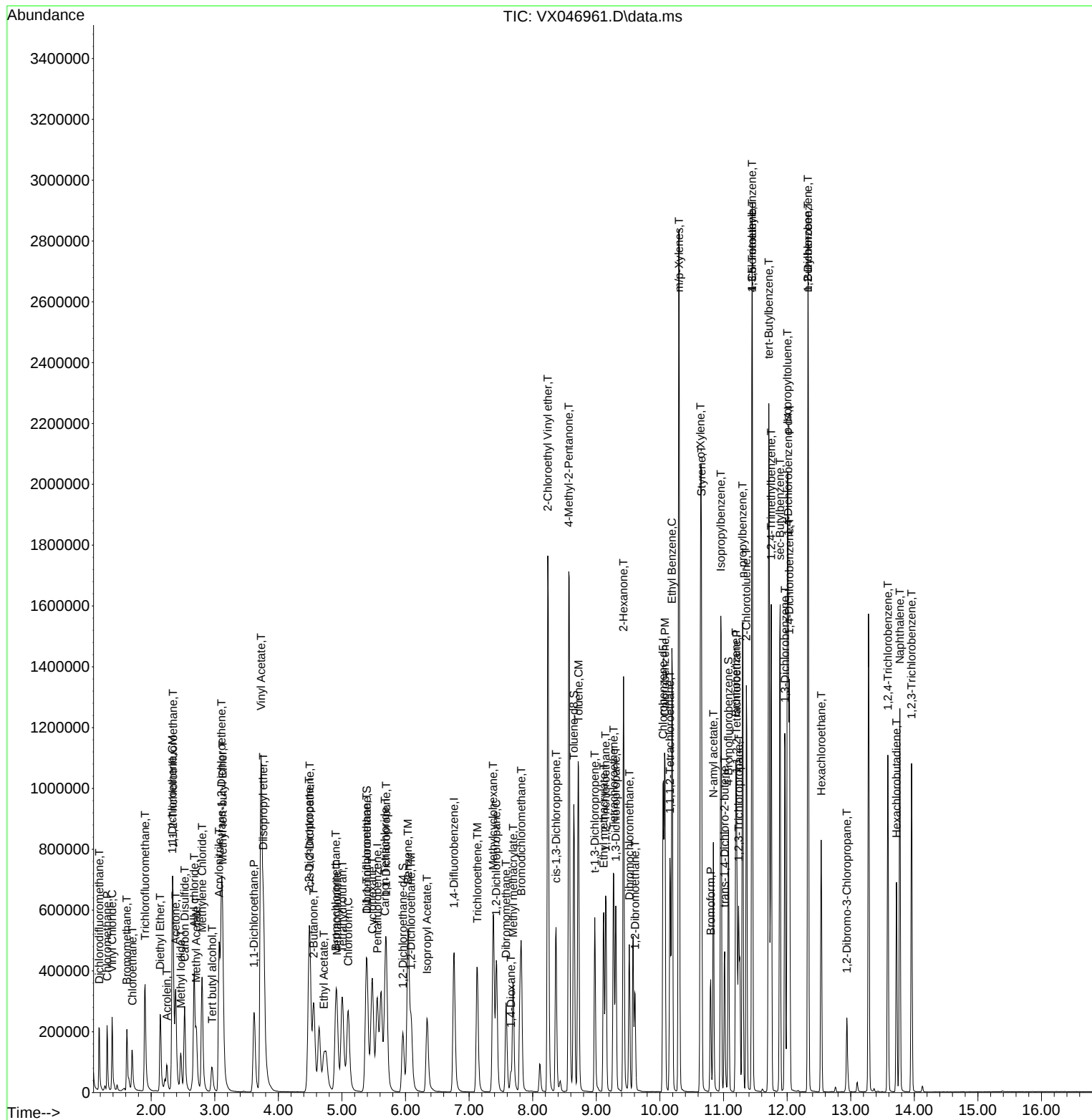
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	82	0.00
2 T	Dichlorodifluoromethane	0.478	0.487	-1.9	82	0.00
3 P	Chloromethane	0.522	0.477	8.6	77	0.00
4 C	Vinyl Chloride	0.569	0.565	0.7#	84	0.00
5 T	Bromomethane	0.366	0.365	0.3	83	0.00
6 T	Chloroethane	0.376	0.357	5.1	85	0.00
7 T	Trichlorofluoromethane	0.880	0.919	-4.4	88	0.00
8 T	Diethyl Ether	0.313	0.341	-8.9	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.561	0.585	-4.3	88	0.00
10 T	Methyl Iodide	0.611	0.496	18.8	65	0.00
11 T	Tert butyl alcohol	0.043	0.068	-58.1#	132	0.00
12 CM	1,1-Dichloroethene	0.542	0.553	-2.0#	87	0.00
13 T	Acrolein	0.052	0.044	15.4	80	0.00
14 T	Allyl chloride	0.965	1.039	-7.7	91	0.00
15 T	Acrylonitrile	0.250	0.295	-18.0	99	0.00
16 T	Acetone	0.205	0.234	-14.1	100	0.00
17 T	Carbon Disulfide	1.422	1.298	8.7	80	0.00
18 T	Methyl Acetate	0.541	0.769	-42.1#	114	0.00
19 T	Methyl tert-butyl Ether	1.531	1.868	-22.0	101	0.00
20 T	Methylene Chloride	0.607	0.629	-3.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.555	0.557	-0.4	85	0.00
22 T	Diisopropyl ether	1.865	2.102	-12.7	91	0.00
23 T	Vinyl Acetate	1.397	1.623	-16.2	94	0.00
24 P	1,1-Dichloroethane	1.064	1.127	-5.9	89	0.00
25 T	2-Butanone	0.274	0.340	-24.1	102	0.00
26 T	2,2-Dichloropropane	0.792	0.911	-15.0	98	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.712	-5.2	89	0.00
28 T	Bromochloromethane	0.525	0.551	-5.0	86	0.00
29 T	Tetrahydrofuran	0.175	0.220	-25.7#	103	0.00
30 C	Chloroform	1.087	1.141	-5.0#	89	0.00
31 T	Cyclohexane	0.944	0.919	2.6	82	0.00
32 T	1,1,1-Trichloroethane	0.908	0.987	-8.7	92	-0.01
33 S	1,2-Dichloroethane-d4	0.661	0.674	-2.0	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.339	0.336	0.9	83	0.00
36 T	1,1-Dichloropropene	0.458	0.455	0.7	87	0.00
37 T	Ethyl Acetate	0.390	0.433	-11.0	101	0.00
38 T	Carbon Tetrachloride	0.484	0.506	-4.5	89	-0.01
39 T	Methylcyclohexane	0.573	0.556	3.0	82	0.00
40 TM	Benzene	1.385	1.391	-0.4	86	-0.01
41 T	Methacrylonitrile	0.208	0.255	-22.6	100	0.00
42 TM	1,2-Dichloroethane	0.470	0.497	-5.7	91	0.00
43 T	Isopropyl Acetate	0.597	0.739	-23.8	100	0.00
44 TM	Trichloroethene	0.361	0.355	1.7	86	0.00
45 C	1,2-Dichloropropane	0.350	0.364	-4.0#	88	0.00
46 T	Dibromomethane	0.242	0.255	-5.4	89	0.00
47 T	Bromodichloromethane	0.518	0.552	-6.6	91	0.00
48 T	Methyl methacrylate	0.308	0.385	-25.0#	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	111	0.00
50 S	Toluene-d8	1.197	1.136	5.1	80	0.00
51 T	4-Methyl-2-Pentanone	0.353	0.436	-23.5	100	0.00
52 CM	Toluene	0.858	0.875	-2.0#	87	0.00
53 T	t-1,3-Dichloropropene	0.462	0.534	-15.6	95	0.00
54 T	cis-1,3-Dichloropropene	0.527	0.581	-10.2	91	0.00
55 T	1,1,2-Trichloroethane	0.320	0.348	-8.7	92	0.00
56 T	Ethyl methacrylate	0.442	0.529	-19.7	97	0.00
57 T	1,3-Dichloropropane	0.550	0.576	-4.7	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.249	0.289	-16.1	91	0.00
59 T	2-Hexanone	0.234	0.300	-28.2#	102	0.00
60 T	Dibromochloromethane	0.383	0.413	-7.8	92	0.00
61 T	1,2-Dibromoethane	0.321	0.347	-8.1	91	0.00
62 S	4-Bromofluorobenzene	0.455	0.448	1.5	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.333	0.320	3.9	85	0.00
65 PM	Chlorobenzene	1.081	1.090	-0.8	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.387	-6.6	90	0.00
67 C	Ethyl Benzene	1.851	1.887	-1.9#	86	0.00
68 T	m/p-Xylenes	0.698	0.709	-1.6	86	0.00
69 T	o-Xylene	0.674	0.690	-2.4	87	0.00
70 T	Styrene	1.153	1.208	-4.8	86	0.00
71 P	Bromoform	0.270	0.301	-11.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.515	3.763	-7.1	86	0.00
74 T	N-amyl acetate	1.194	1.511	-26.5#	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.966	1.107	-14.6	95	0.00
76 T	1,2,3-Trichloropropane	0.773	0.913	-18.1	96	0.00
77 T	Bromobenzene	0.875	0.924	-5.6	87	0.00
78 T	n-propylbenzene	4.238	4.475	-5.6	86	0.00
79 T	2-Chlorotoluene	2.503	2.638	-5.4	88	0.00
80 T	1,3,5-Trimethylbenzene	2.856	3.082	-7.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.352	-22.2	100	0.00
82 T	4-Chlorotoluene	2.888	3.071	-6.3	87	0.00
83 T	tert-Butylbenzene	2.950	3.200	-8.5	87	0.00
84 T	1,2,4-Trimethylbenzene	2.887	3.119	-8.0	87	0.00
85 T	sec-Butylbenzene	3.719	3.949	-6.2	86	0.00
86 T	p-Isopropyltoluene	3.114	3.320	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	1.637	1.719	-5.0	87	0.00
88 T	1,4-Dichlorobenzene	1.704	1.738	-2.0	88	0.00
89 T	n-Butylbenzene	2.926	3.088	-5.5	85	0.00
90 T	Hexachloroethane	0.552	0.604	-9.4	90	0.00
91 T	1,2-Dichlorobenzene	1.587	1.657	-4.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.169	0.217	-28.4#	105	0.00
93 T	1,2,4-Trichlorobenzene	1.078	1.145	-6.2	87	0.00
94 T	Hexachlorobutadiene	0.407	0.431	-5.9	87	0.00
95 T	Naphthalene	2.840	3.431	-20.8	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	1.115	-9.4	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	82	0.00
2 T	Dichlorodifluoromethane	50.000	50.960	-1.9	82	0.00
3 P	Chloromethane	50.000	45.634	8.7	77	0.00
4 C	Vinyl Chloride	50.000	49.613	0.8#	84	0.00
5 T	Bromomethane	50.000	49.866	0.3	83	0.00
6 T	Chloroethane	50.000	47.576	4.8	85	0.00
7 T	Trichlorofluoromethane	50.000	52.255	-4.5	88	0.00
8 T	Diethyl Ether	50.000	54.452	-8.9	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.163	-4.3	88	0.00
10 T	Methyl Iodide	50.000	40.609	18.8	65	0.00
11 T	Tert butyl alcohol	250.000	390.182	-56.1#	132	0.00
12 CM	1,1-Dichloroethene	50.000	51.020	-2.0#	87	0.00
13 T	Acrolein	250.000	230.897	7.6	80	0.00
14 T	Allyl chloride	50.000	53.830	-7.7	91	0.00
15 T	Acrylonitrile	250.000	294.614	-17.8	99	0.00
16 T	Acetone	250.000	285.701	-14.3	100	0.00
17 T	Carbon Disulfide	50.000	45.650	8.7	80	0.00
18 T	Methyl Acetate	50.000	71.131	-42.3#	114	0.00
19 T	Methyl tert-butyl Ether	50.000	60.996	-22.0	101	0.00
20 T	Methylene Chloride	50.000	51.825	-3.7	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.206	-0.4	85	0.00
22 T	Diisopropyl ether	50.000	56.362	-12.7	91	0.00
23 T	Vinyl Acetate	250.000	290.428	-16.2	94	0.00
24 P	1,1-Dichloroethane	50.000	52.993	-6.0	89	0.00
25 T	2-Butanone	250.000	310.834	-24.3	102	0.00
26 T	2,2-Dichloropropane	50.000	57.548	-15.1	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.571	-5.1	89	0.00
28 T	Bromochloromethane	50.000	52.488	-5.0	86	0.00
29 T	Tetrahydrofuran	250.000	314.945	-26.0#	103	0.00
30 C	Chloroform	50.000	52.487	-5.0#	89	0.00
31 T	Cyclohexane	50.000	48.675	2.7	82	0.00
32 T	1,1,1-Trichloroethane	50.000	54.360	-8.7	92	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.007	-2.0	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	49.532	0.9	83	0.00
36 T	1,1-Dichloropropene	50.000	49.651	0.7	87	0.00
37 T	Ethyl Acetate	50.000	55.543	-11.1	101	0.00
38 T	Carbon Tetrachloride	50.000	52.305	-4.6	89	-0.01
39 T	Methylcyclohexane	50.000	48.528	2.9	82	0.00
40 TM	Benzene	50.000	50.208	-0.4	86	-0.01
41 T	Methacrylonitrile	50.000	61.297	-22.6	100	0.00
42 TM	1,2-Dichloroethane	50.000	52.857	-5.7	91	0.00
43 T	Isopropyl Acetate	50.000	61.850	-23.7	100	0.00
44 TM	Trichloroethene	50.000	49.245	1.5	86	0.00
45 C	1,2-Dichloropropane	50.000	52.061	-4.1#	88	0.00
46 T	Dibromomethane	50.000	52.647	-5.3	89	0.00
47 T	Bromodichloromethane	50.000	53.321	-6.6	91	0.00
48 T	Methyl methacrylate	50.000	62.407	-24.8	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1346.109	-34.6#	111	0.00
50 S	Toluene-d8	50.000	47.437	5.1	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	308.906	-23.6	100	0.00
52 CM	Toluene	50.000	50.957	-1.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	57.773	-15.5	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.076	-10.2	91	0.00
55 T	1,1,2-Trichloroethane	50.000	54.503	-9.0	92	0.00
56 T	Ethyl methacrylate	50.000	59.797	-19.6	97	0.00
57 T	1,3-Dichloropropane	50.000	52.297	-4.6	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.366	-15.7	91	0.00
59 T	2-Hexanone	250.000	321.033	-28.4#	102	0.00
60 T	Dibromochloromethane	50.000	53.995	-8.0	92	0.00
61 T	1,2-Dibromoethane	50.000	54.048	-8.1	91	0.00
62 S	4-Bromofluorobenzene	50.000	49.228	1.5	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	48.111	3.8	85	0.00
65 PM	Chlorobenzene	50.000	50.435	-0.9	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.296	-6.6	90	0.00
67 C	Ethyl Benzene	50.000	50.977	-2.0#	86	0.00
68 T	m/p-Xylenes	100.000	101.630	-1.6	86	0.00
69 T	o-Xylene	50.000	51.192	-2.4	87	0.00
70 T	Styrene	50.000	52.392	-4.8	86	0.00
71 P	Bromoform	50.000	55.717	-11.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	53.529	-7.1	86	0.00
74 T	N-amyl acetate	50.000	63.254	-26.5#	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.246	-14.5	95	0.00
76 T	1,2,3-Trichloropropane	50.000	59.079	-18.2	96	0.00
77 T	Bromobenzene	50.000	52.769	-5.5	87	0.00
78 T	n-propylbenzene	50.000	52.791	-5.6	86	0.00
79 T	2-Chlorotoluene	50.000	52.710	-5.4	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.955	-7.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.211	-22.4	100	0.00
82 T	4-Chlorotoluene	50.000	53.174	-6.3	87	0.00
83 T	tert-Butylbenzene	50.000	54.236	-8.5	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.020	-8.0	87	0.00
85 T	sec-Butylbenzene	50.000	53.085	-6.2	86	0.00
86 T	p-Isopropyltoluene	50.000	53.306	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	52.505	-5.0	87	0.00
88 T	1,4-Dichlorobenzene	50.000	51.000	-2.0	88	0.00
89 T	n-Butylbenzene	50.000	52.767	-5.5	85	0.00
90 T	Hexachloroethane	50.000	54.739	-9.5	90	0.00
91 T	1,2-Dichlorobenzene	50.000	52.207	-4.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.157	-28.3#	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.095	-6.2	87	0.00
94 T	Hexachlorobutadiene	50.000	53.015	-6.0	87	0.00
95 T	Naphthalene	50.000	60.391	-20.8	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.736	-9.5	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



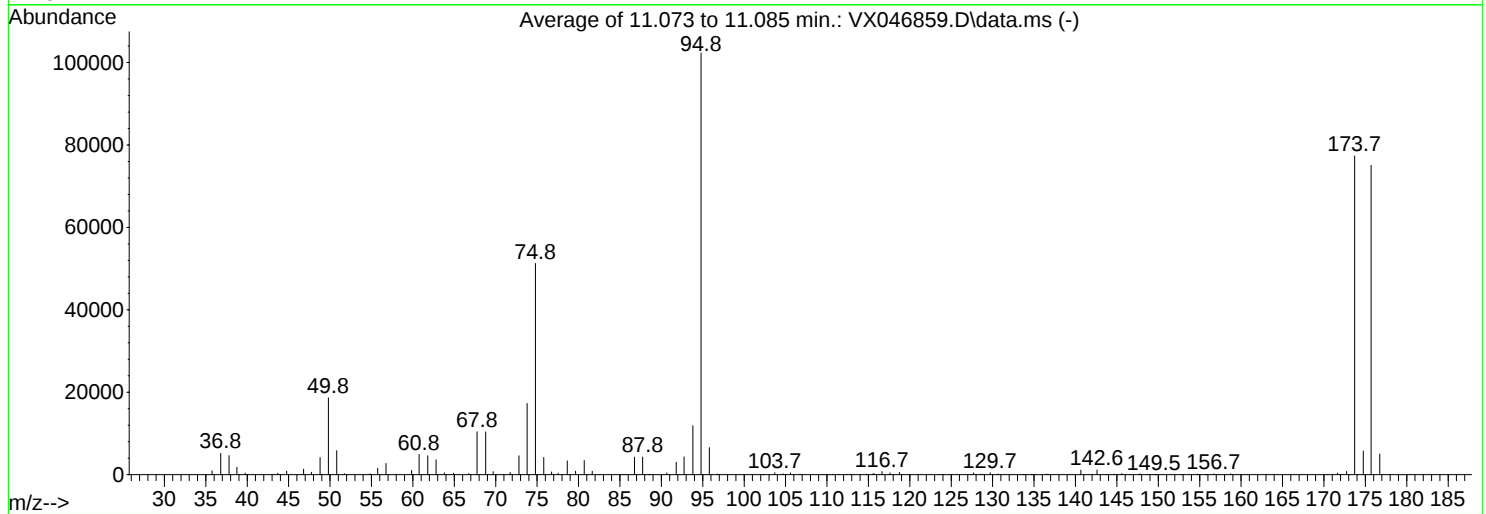
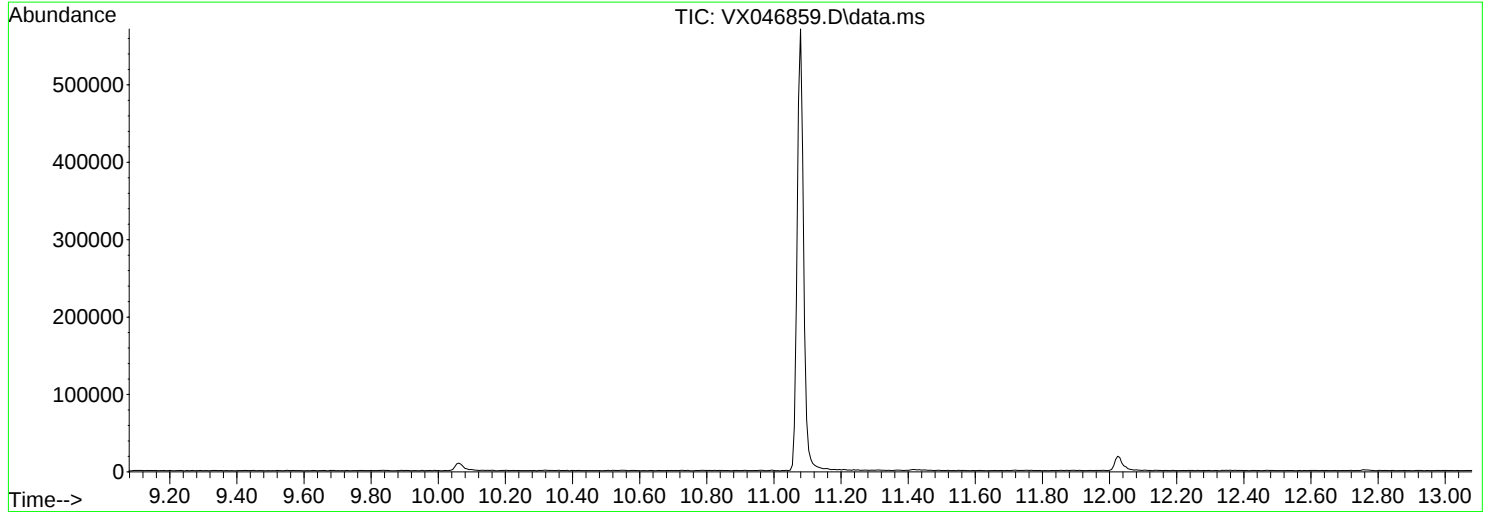
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046859.D
Acq On : 02 Jul 2025 11:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

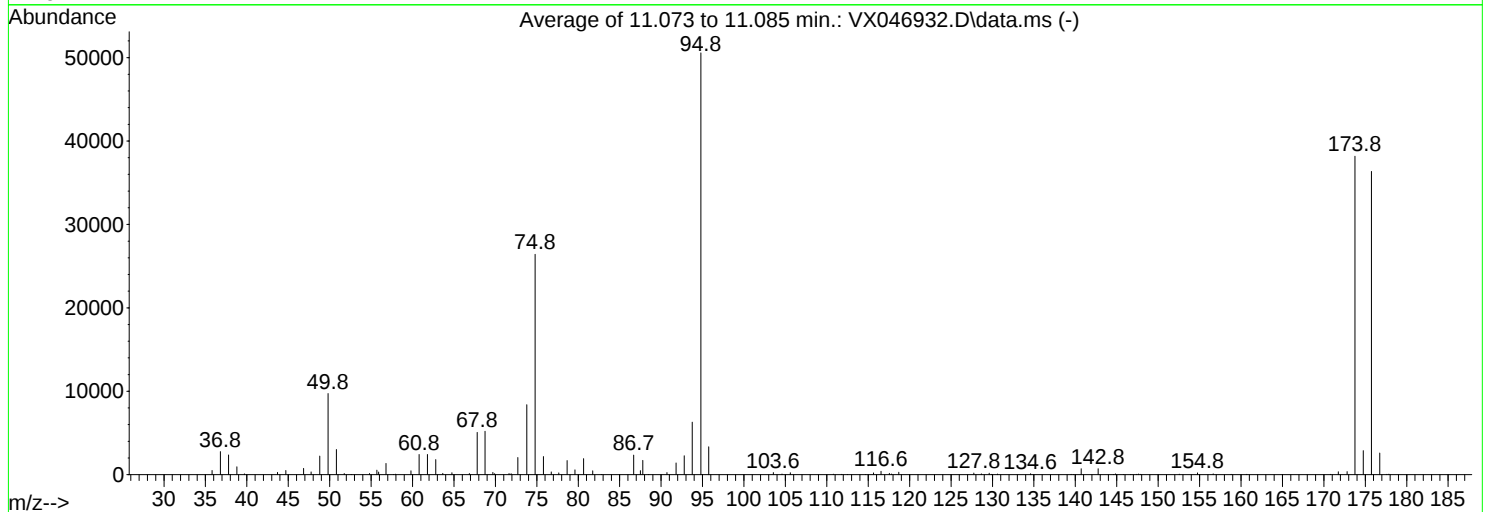
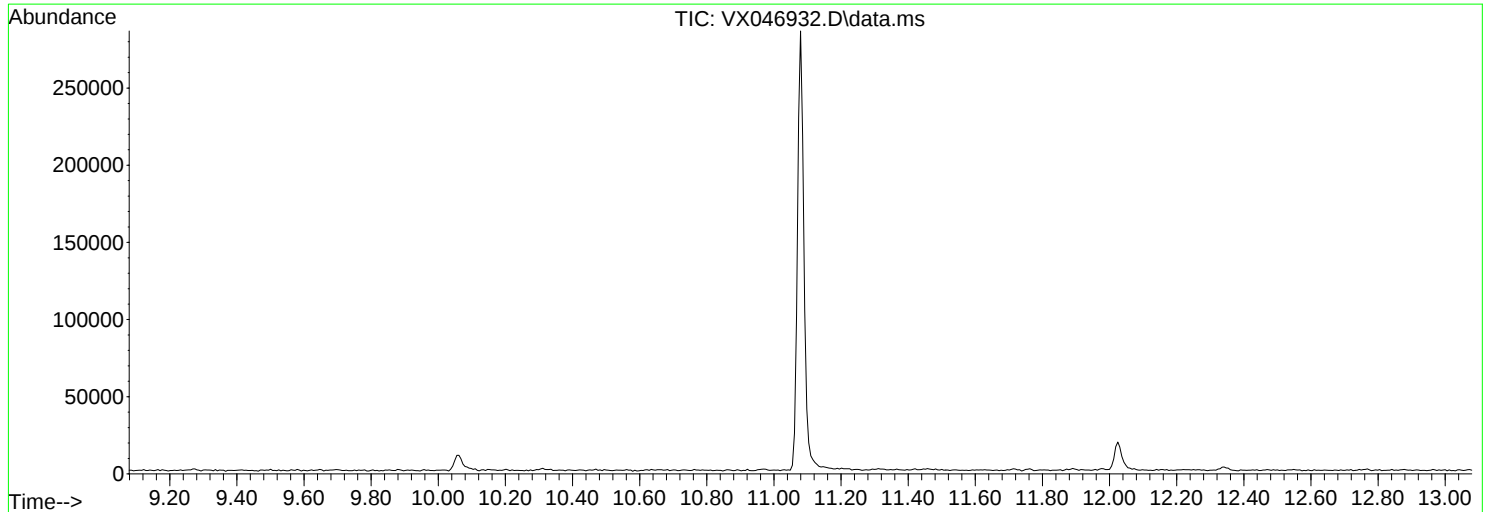
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	18657	PASS
75	95	30	60	50.1	51248	PASS
95	95	100	100	100.0	102357	PASS
96	95	5	9	6.4	6574	PASS
173	174	0.00	2	1.0	779	PASS
174	95	50	100	75.5	77328	PASS
175	174	5	9	7.4	5758	PASS
176	174	95	101	97.1	75051	PASS
177	176	5	9	6.7	5020	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046932.D
Acq On : 10 Jul 2025 08:43
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

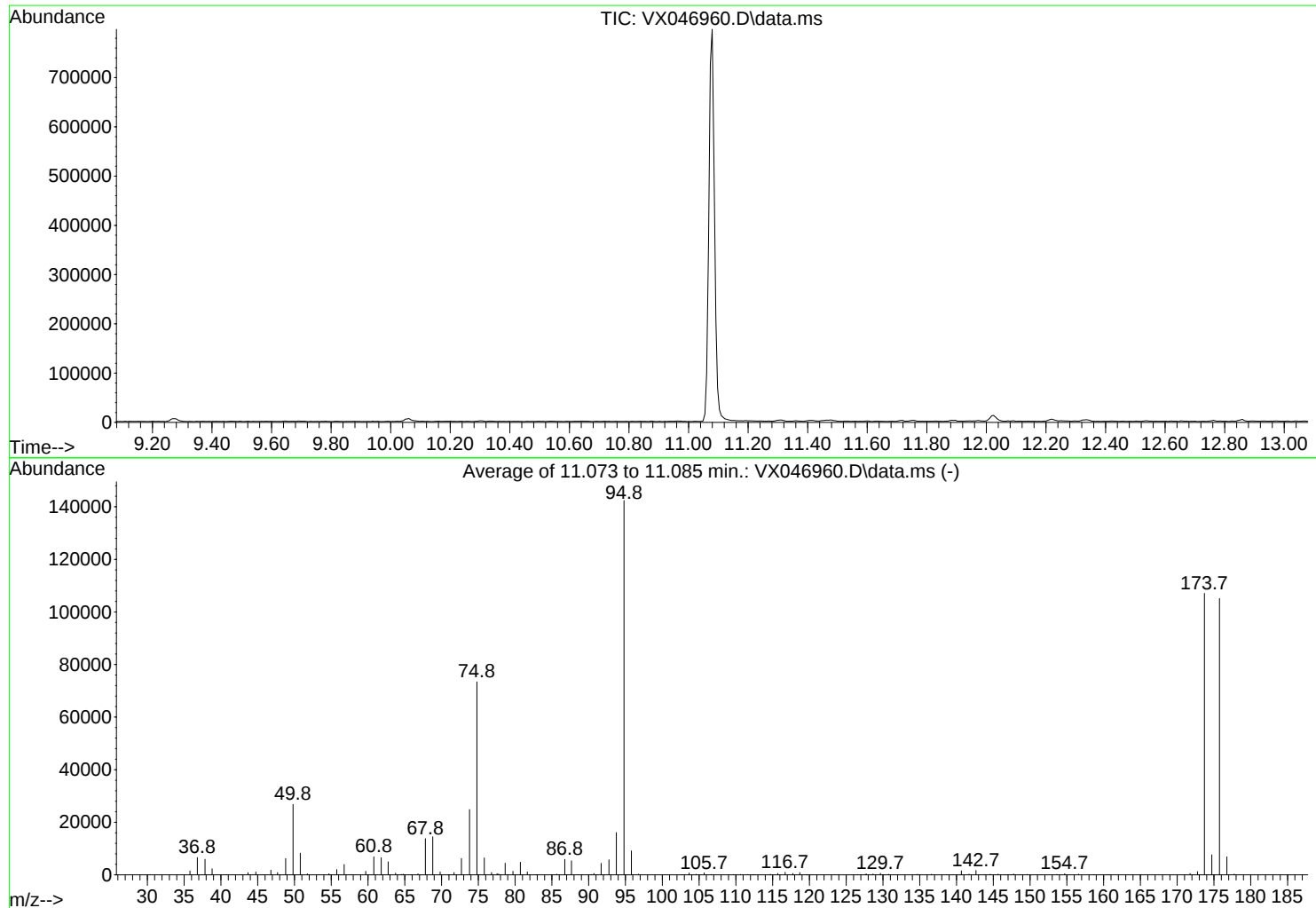
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	9734	PASS
75	95	30	60	52.3	26427	PASS
95	95	100	100	100.0	50573	PASS
96	95	5	9	6.6	3335	PASS
173	174	0.00	2	1.0	375	PASS
174	95	50	100	75.5	38187	PASS
175	174	5	9	7.6	2886	PASS
176	174	95	101	95.2	36363	PASS
177	176	5	9	7.1	2582	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046960.D
Acq On : 14 Jul 2025 08:10
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	26781	PASS
75	95	30	60	51.6	73443	PASS
95	95	100	100	100.0	142411	PASS
96	95	5	9	6.4	9140	PASS
173	174	0.00	2	1.2	1263	PASS
174	95	50	100	75.2	107085	PASS
175	174	5	9	7.1	7620	PASS
176	174	95	101	98.2	105131	PASS
177	176	5	9	6.5	6863	PASS

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046935.D	1	07/10/25 11:44	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046935.D	1	07/10/25 11:44	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.555			
540-36-3	1,4-Difluorobenzene	569000	6.763			
3114-55-4	Chlorobenzene-d5	544000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	272000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046935.D	1	07/10/25 11:44	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046935.D
 Acq On : 10 Jul 2025 11:44
 Operator : JC/MD
 Sample : VX0710WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	311309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	271904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	232769	56.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.200%
35) Dibromofluoromethane	5.391	113	191587	49.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.646	98	692184	50.799	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	266771	51.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%

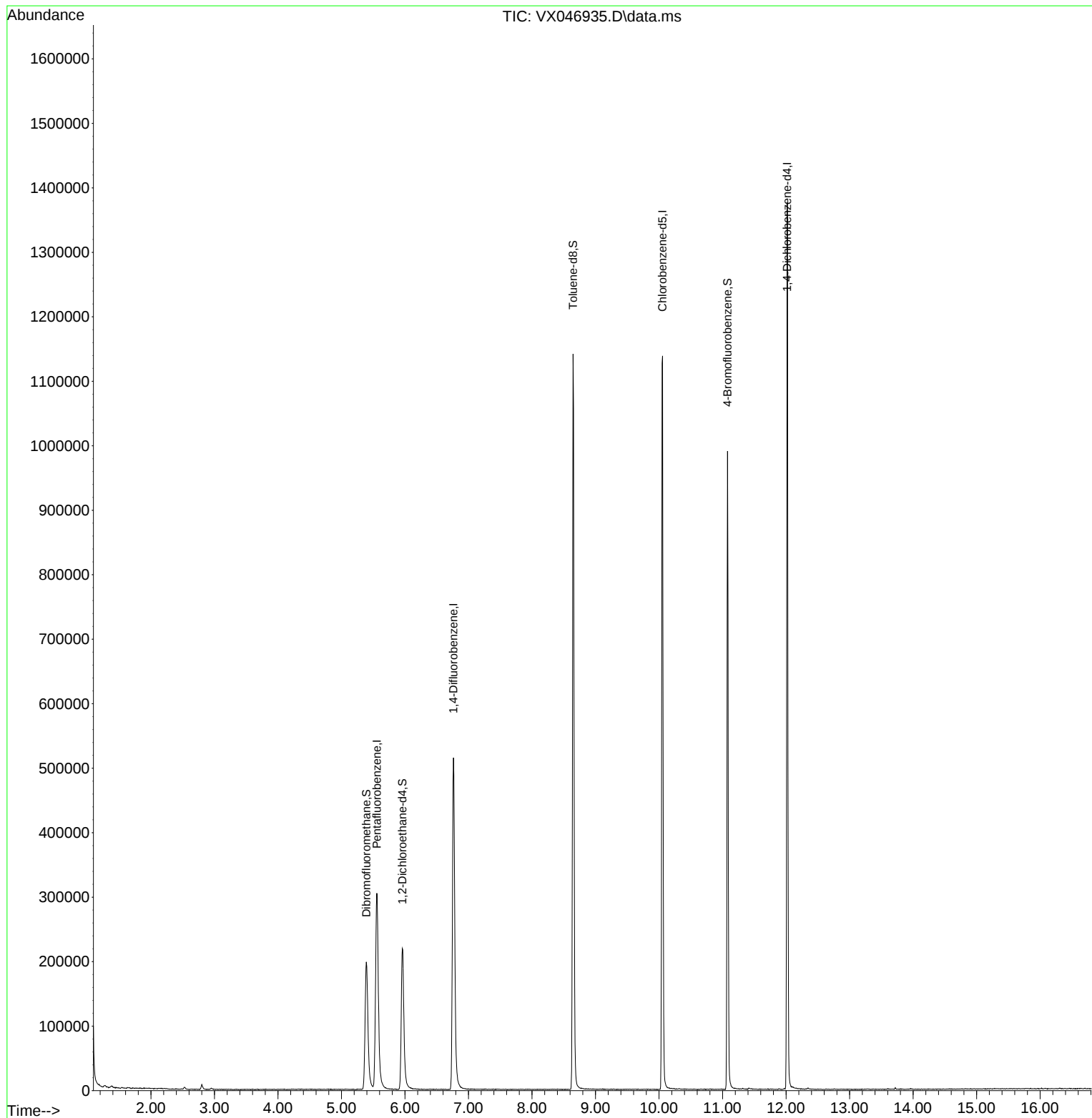
Target Compounds	Qvalue

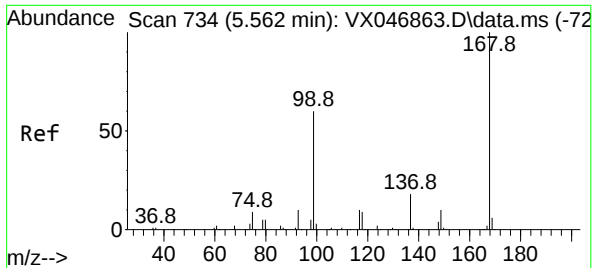
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

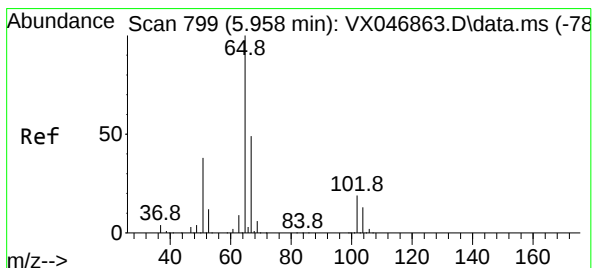
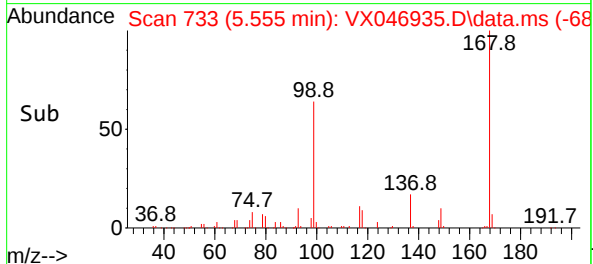
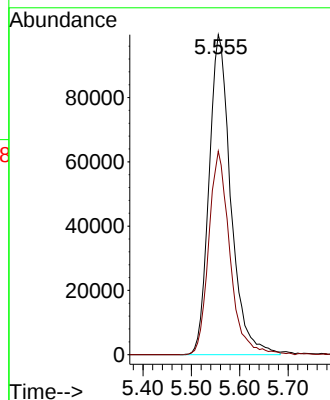
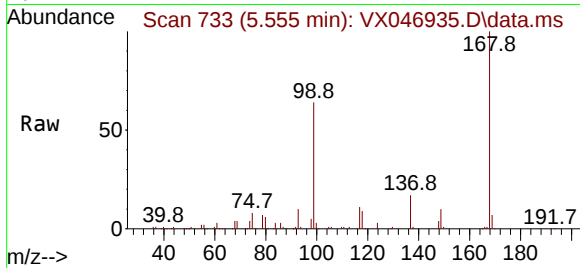




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.007 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

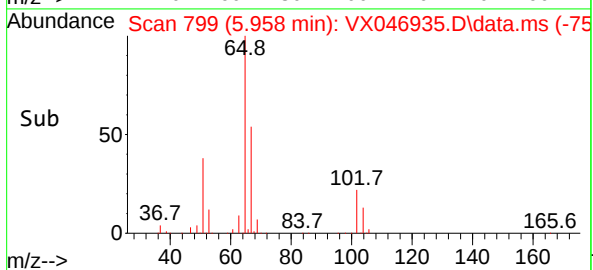
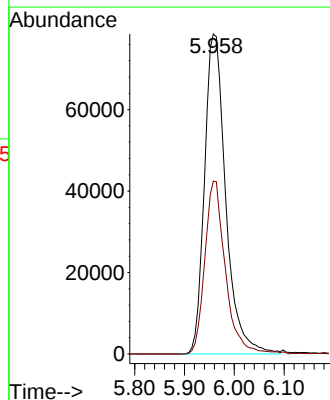
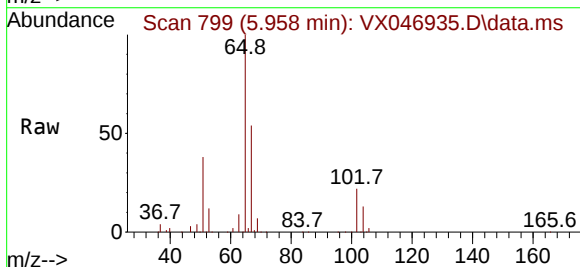
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

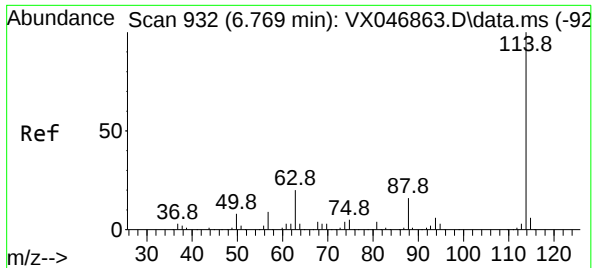
Tgt Ion:168 Resp: 311309
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.598 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 65 Resp: 232769
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.007 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBL01

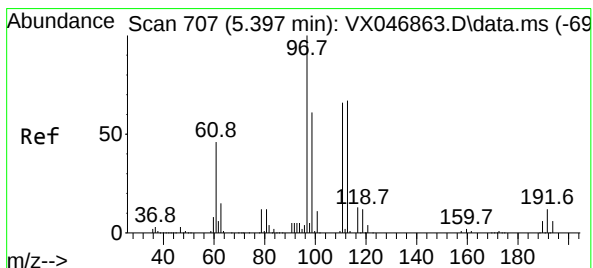
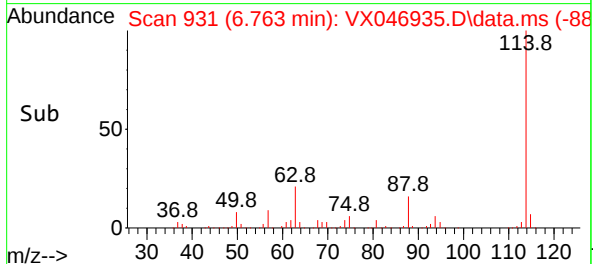
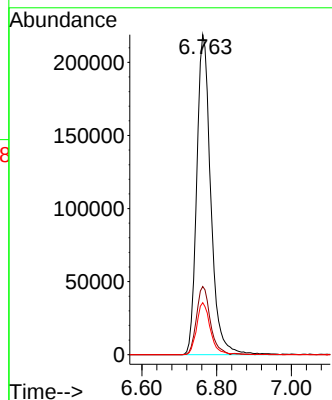
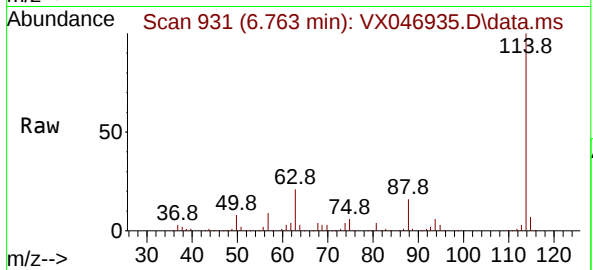
Tgt Ion:114 Resp: 568946

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.4

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.608 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.007 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

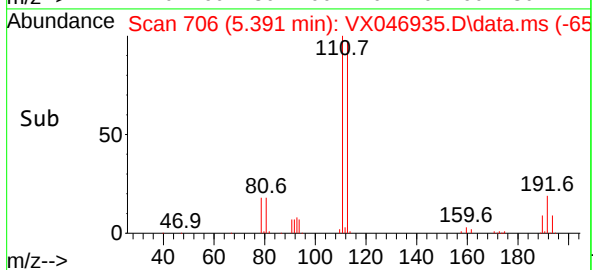
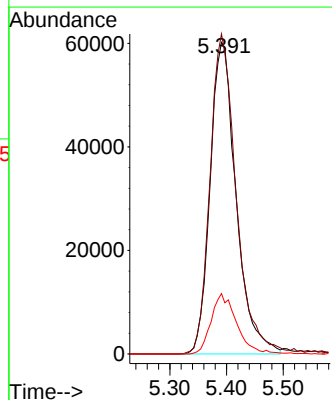
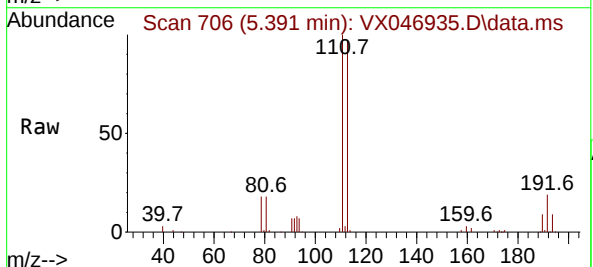
Tgt Ion:113 Resp: 191587

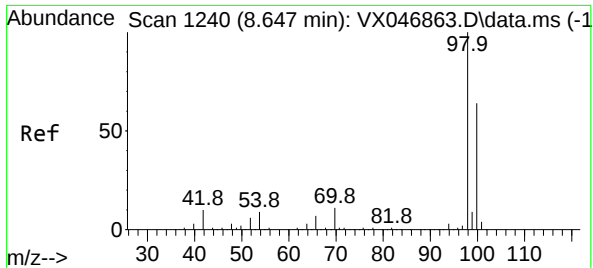
Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 19.1 15.3 22.9

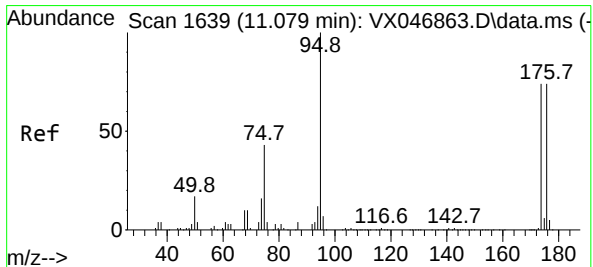
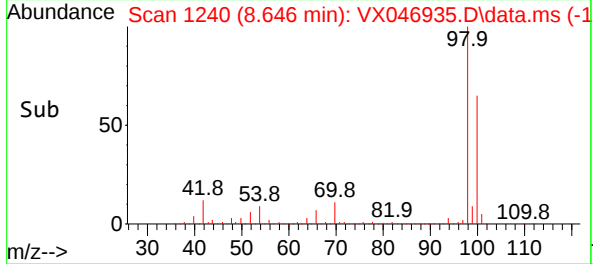
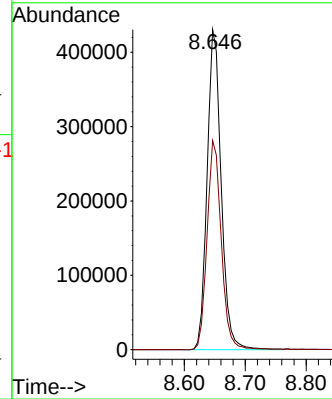
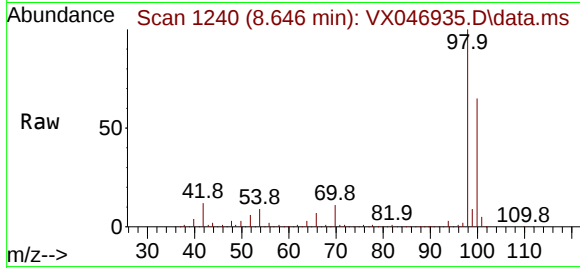




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

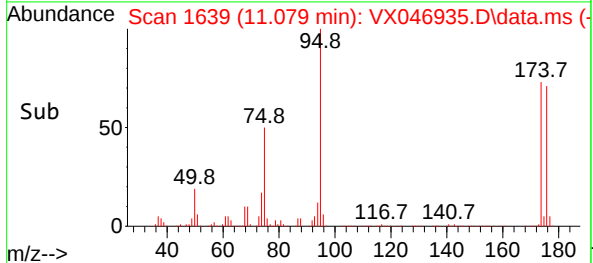
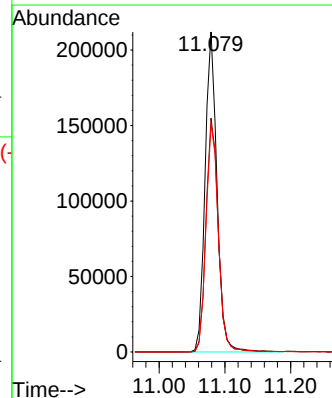
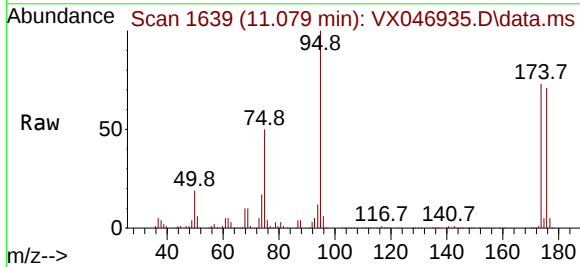
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

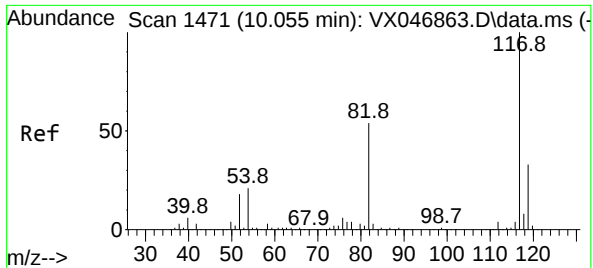
Tgt Ion: 98 Resp: 692184
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 95 Resp: 266771
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.0
176 73.7 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBL01

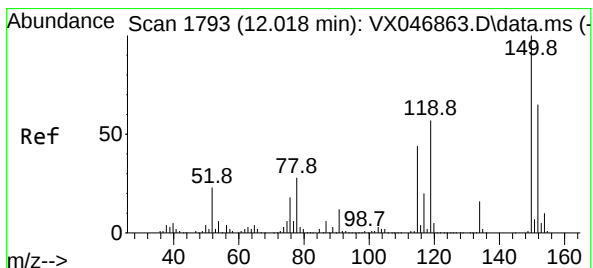
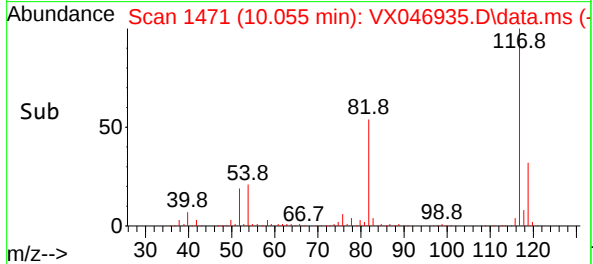
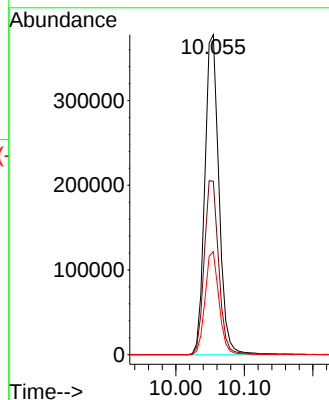
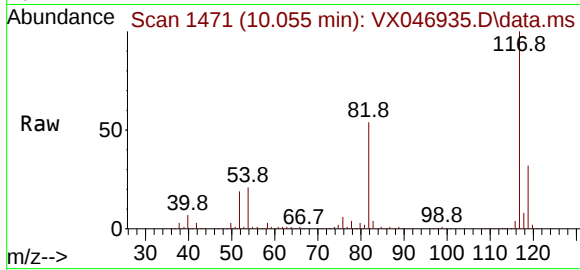
Tgt Ion:117 Resp: 543608

Ion Ratio Lower Upper

117 100

82 54.2 43.3 64.9

119 32.2 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

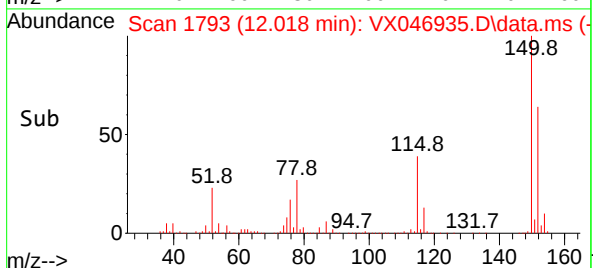
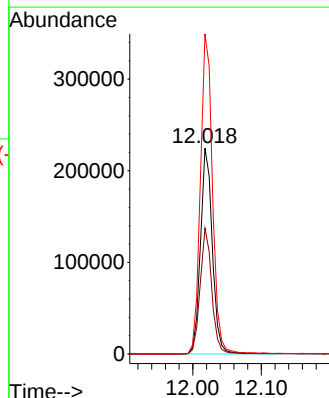
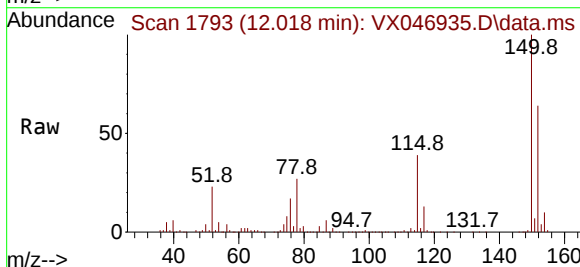
Tgt Ion:152 Resp: 271904

Ion Ratio Lower Upper

152 100

115 59.8 42.4 127.1

150 158.6 0.0 349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M

Title : SW846 8260

Signal : TIC: VX046935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	694	706	723	rBV3	197586	633668	34.11%	6.330%
2	5.555	723	733	755	rVB	302424	944882	50.86%	9.439%
3	5.958	789	799	821	rBV2	218636	646842	34.82%	6.462%
4	6.763	922	931	957	rBV	514445	1339691	72.11%	13.384%
5	8.646	1233	1240	1261	rBV	1140292	1857754	100.00%	18.559%
6	10.055	1465	1471	1487	rBV	1137415	1663715	89.56%	16.621%
7	11.079	1634	1639	1656	rBV	988904	1267962	68.25%	12.667%
8	12.018	1788	1793	1806	rBV	1374516	1655375	89.11%	16.537%

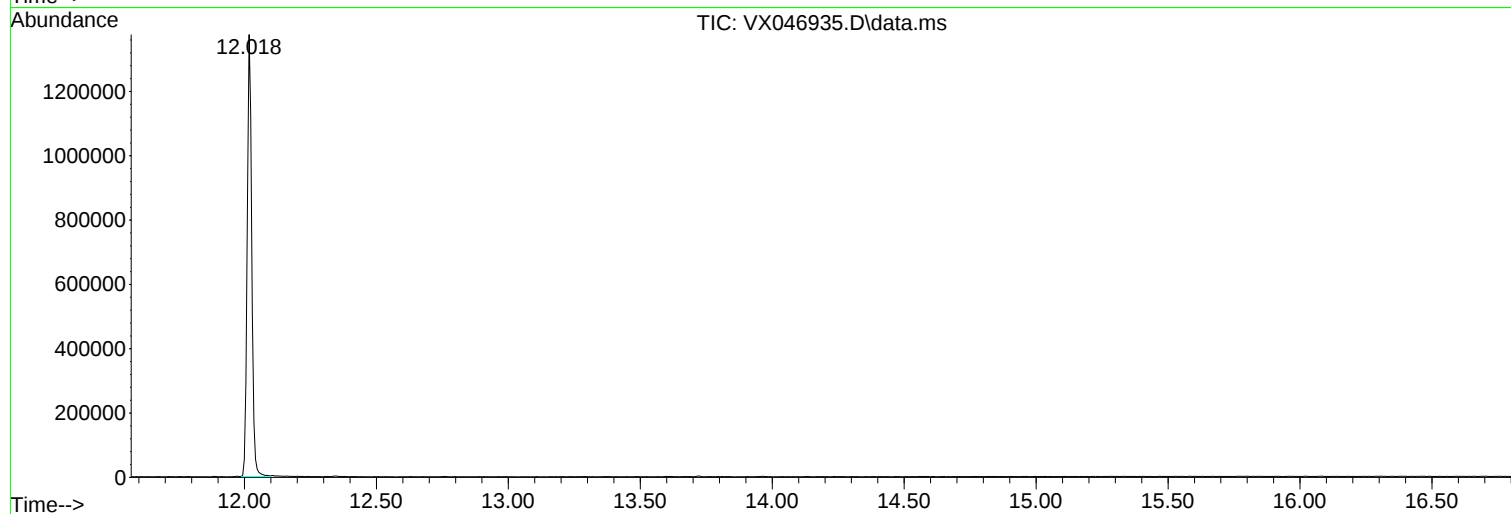
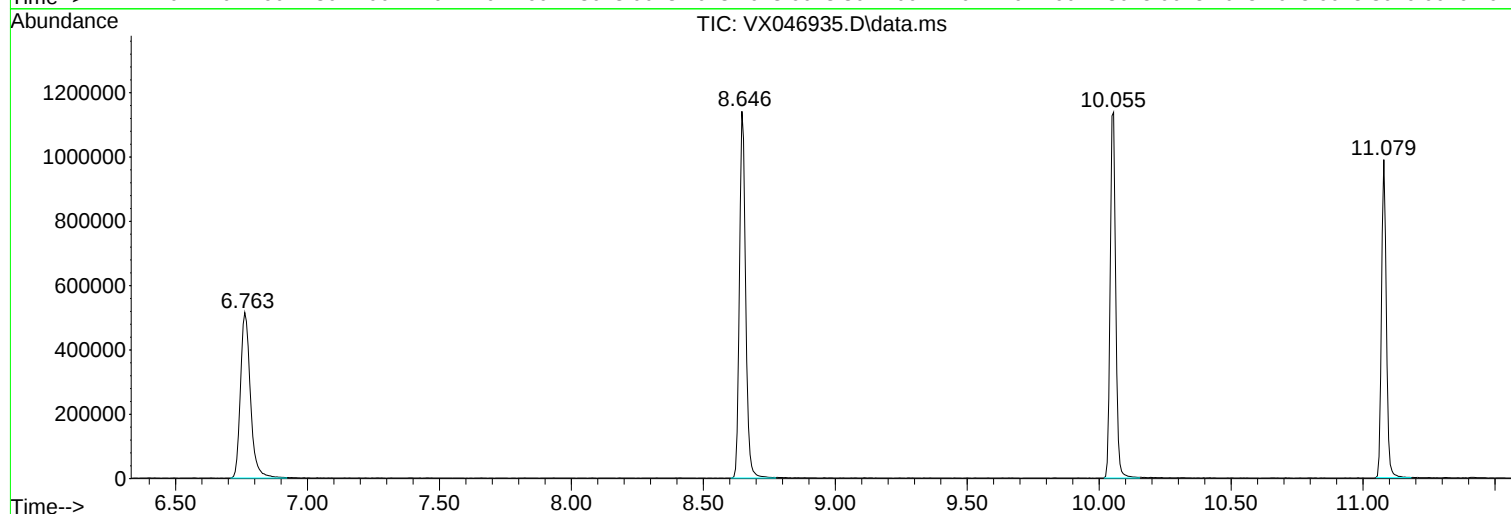
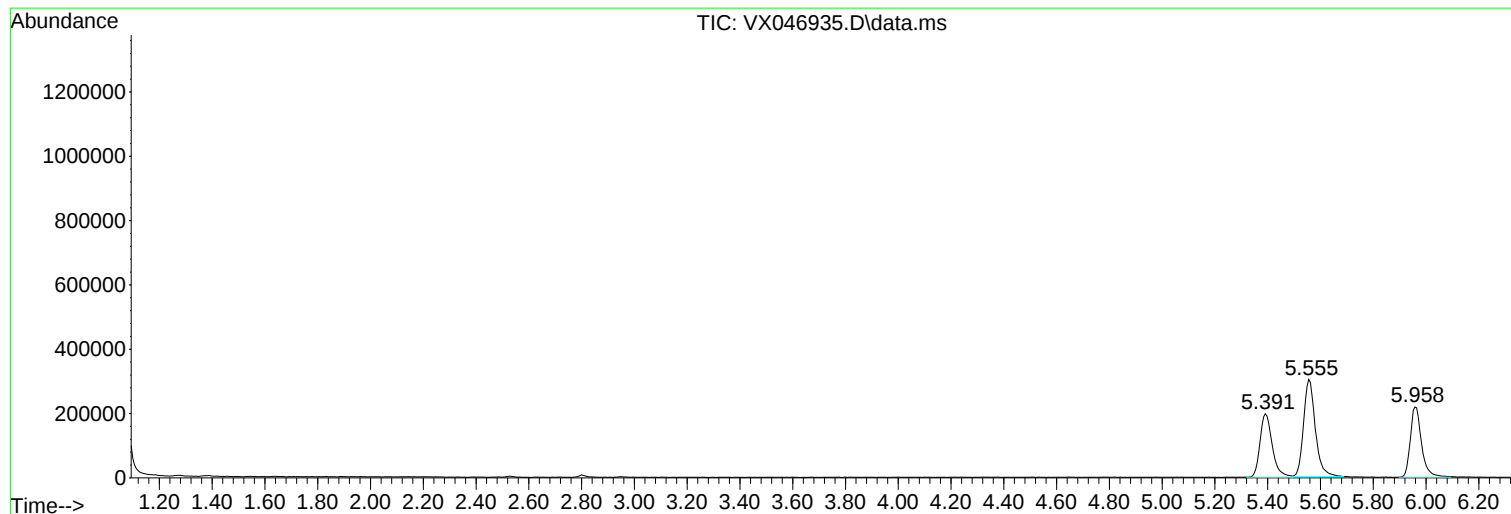
Sum of corrected areas: 10009889

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	331000	5.562			
540-36-3	1,4-Difluorobenzene	558000	6.769			
3114-55-4	Chlorobenzene-d5	513000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	263000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046963.D
 Acq On : 14 Jul 2025 11:18
 Operator : JC/MD
 Sample : VX0714WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	330854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	558126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	263407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236008	53.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.000%	
35) Dibromofluoromethane	5.397	113	192755	50.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.760%	
50) Toluene-d8	8.646	98	650923	48.697	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	11.079	95	265134	52.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.380%	

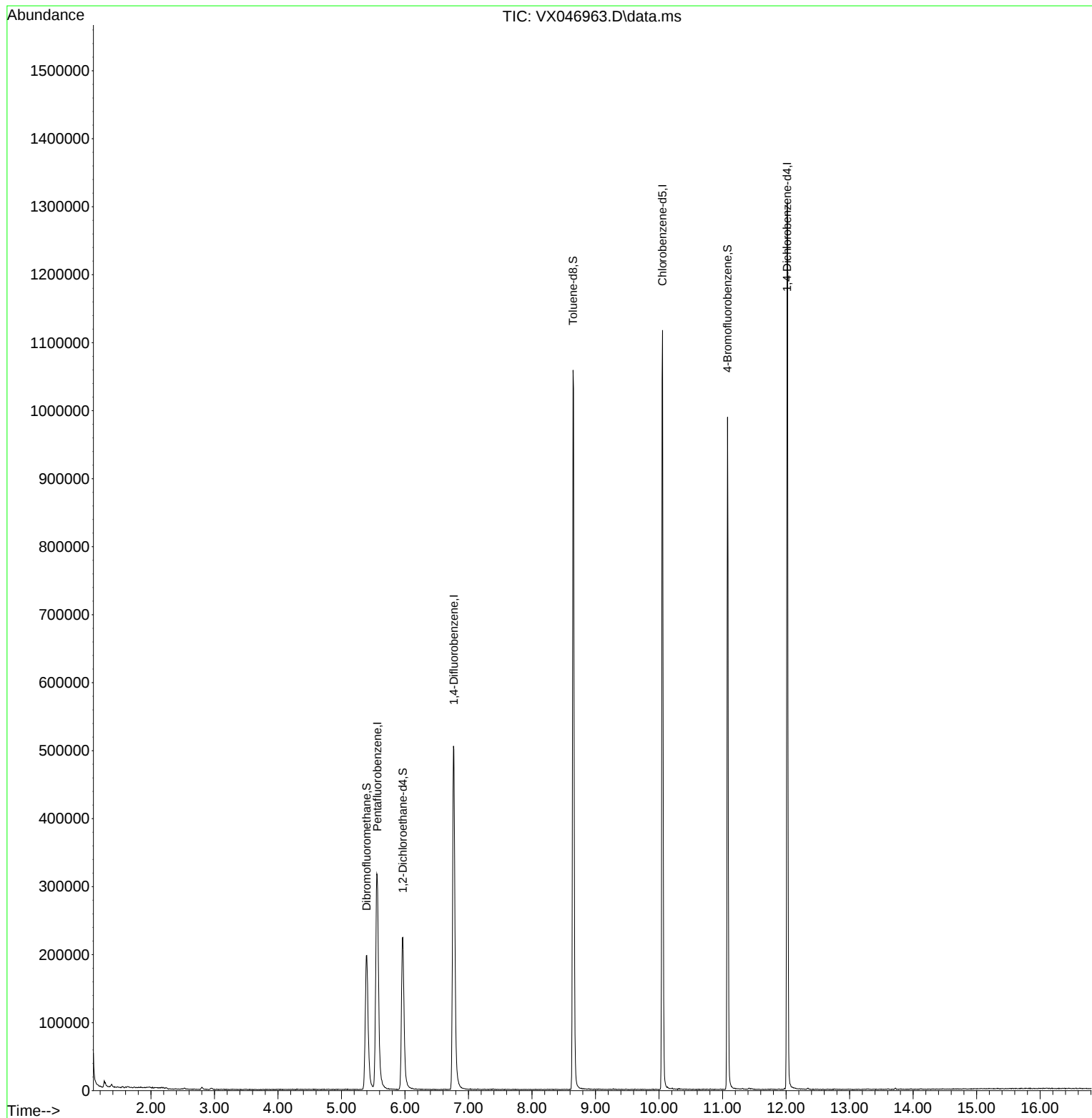
Target Compounds	Qvalue

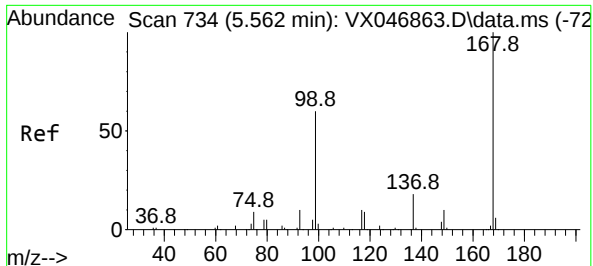
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

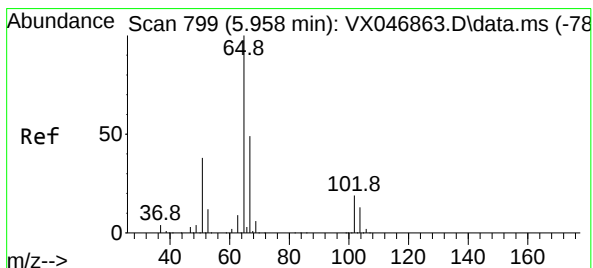
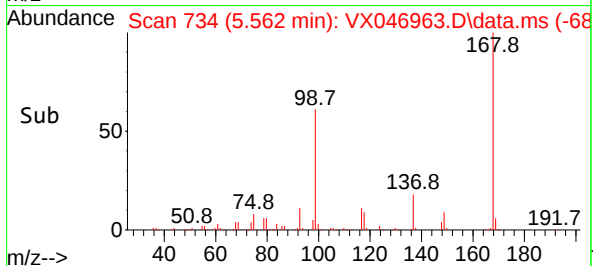
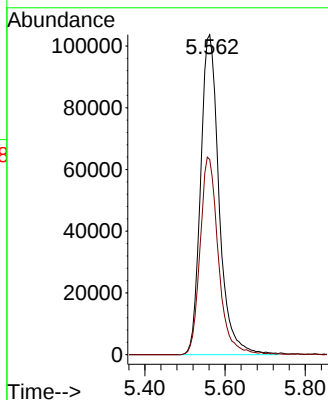
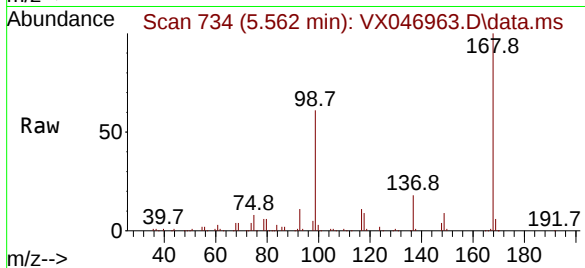
VX0714WBL01

Tgt Ion:168 Resp: 330854

Ion Ratio Lower Upper

168 100

99 61.0 48.8 73.2



#33

1,2-Dichloroethane-d4

Concen: 53.995 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046963.D

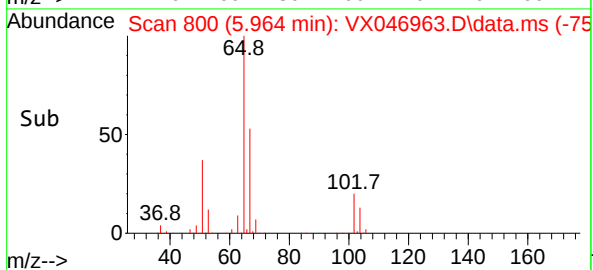
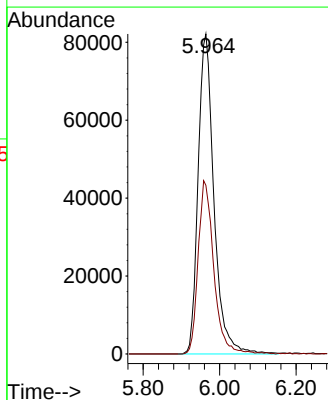
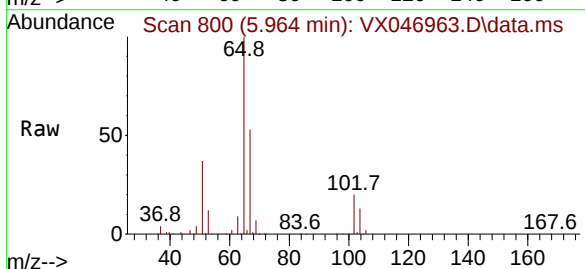
Acq: 14 Jul 2025 11:18

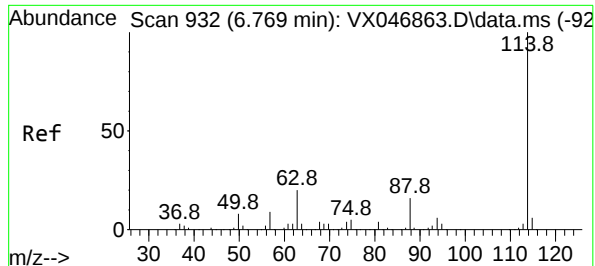
Tgt Ion: 65 Resp: 236008

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBL01

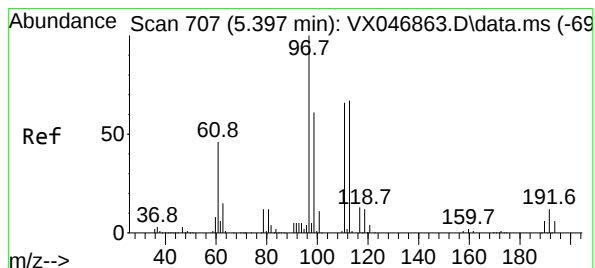
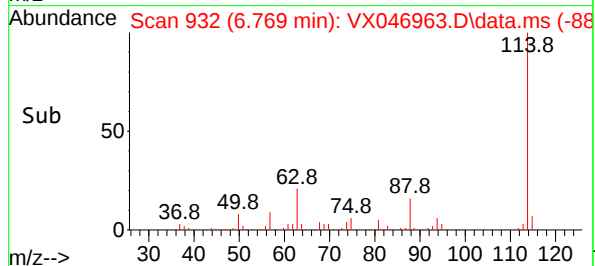
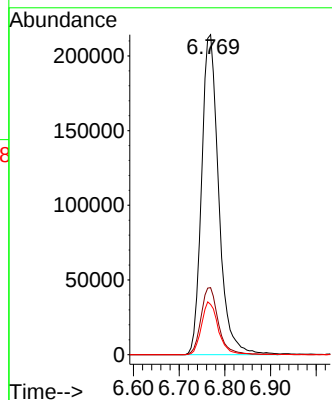
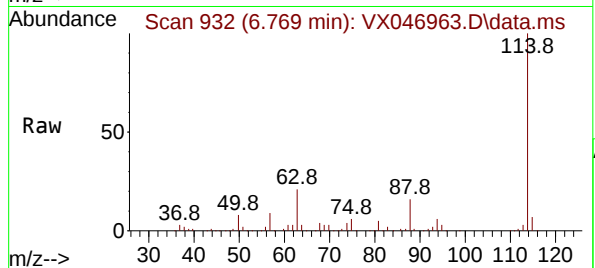
Tgt Ion:114 Resp: 558126

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 50.878 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

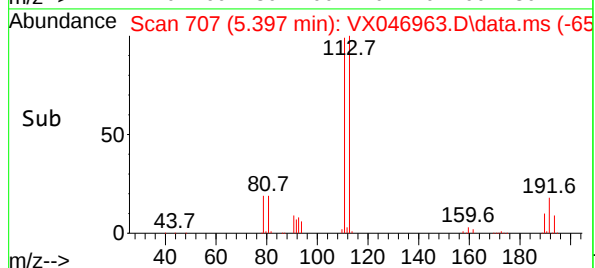
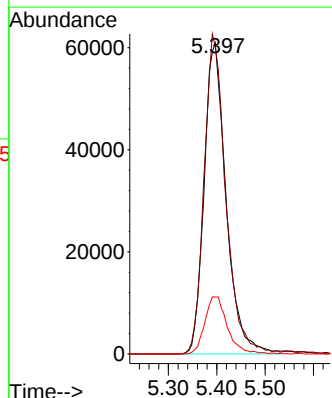
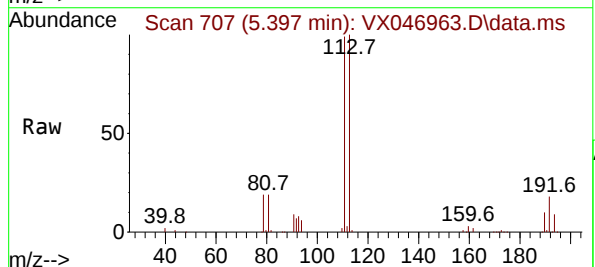
Tgt Ion:113 Resp: 192755

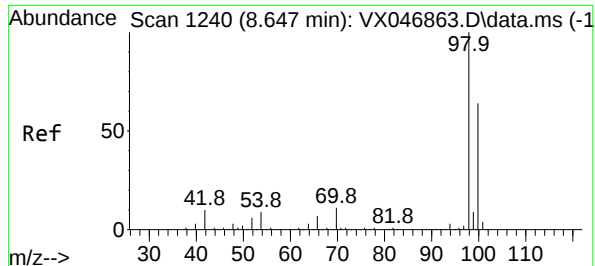
Ion Ratio Lower Upper

113 100

111 101.3 81.2 121.8

192 18.7 15.3 22.9





#50

Toluene-d8

Concen: 48.697 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

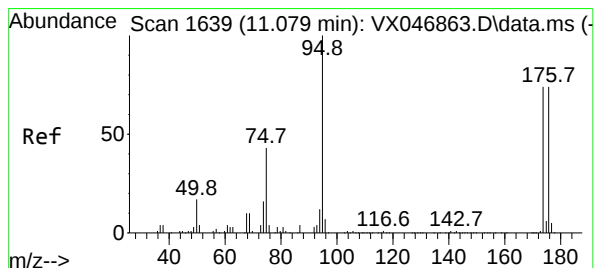
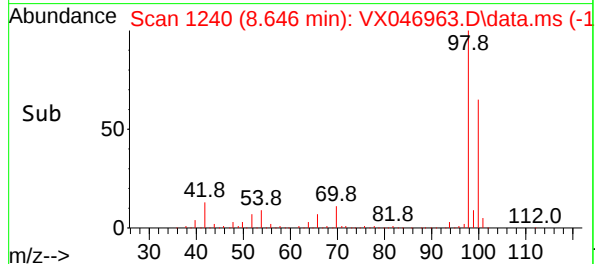
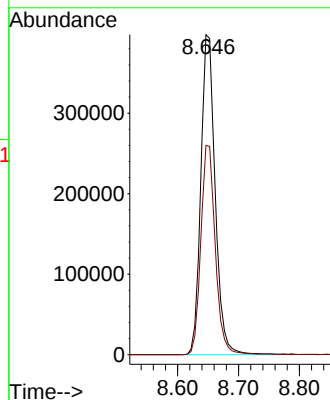
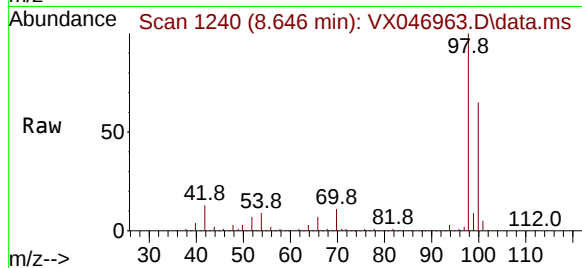
VX0714WBL01

Tgt Ion: 98 Resp: 650923

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 52.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

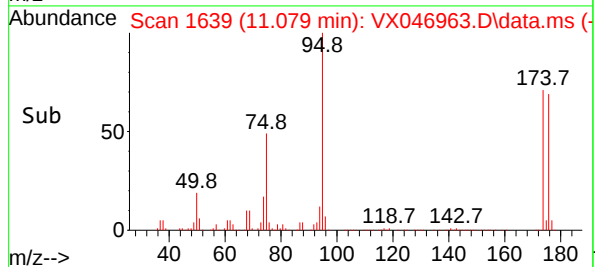
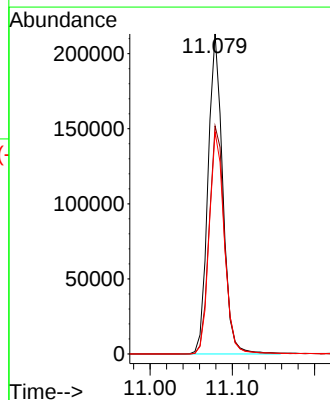
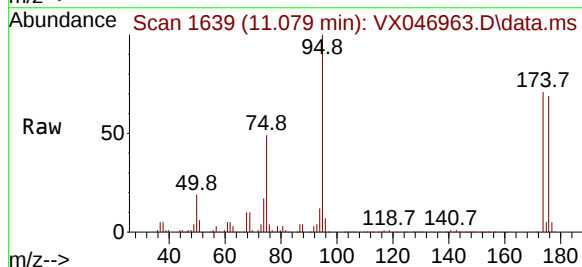
Tgt Ion: 95 Resp: 265134

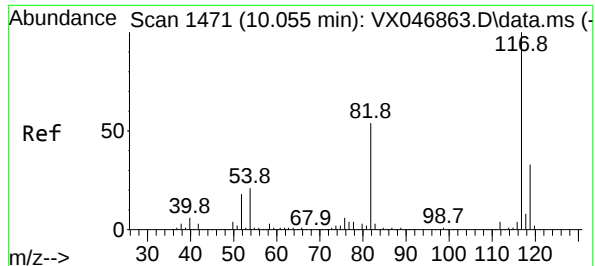
Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.0

176 71.2 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBL01

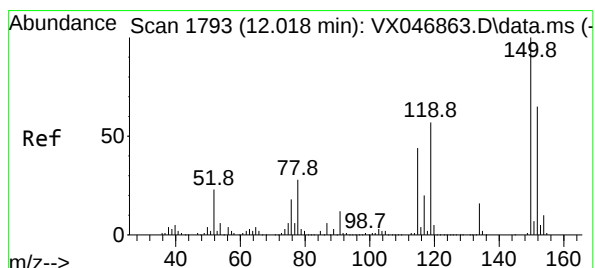
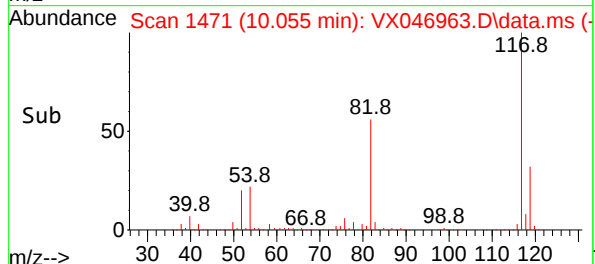
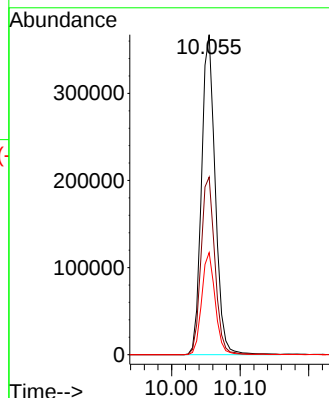
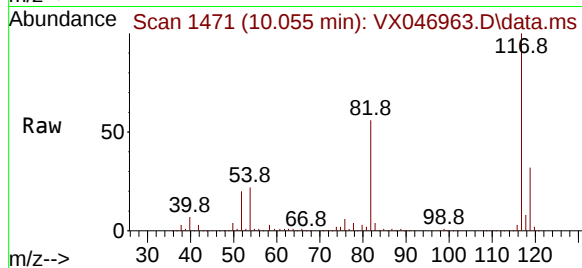
Tgt Ion:117 Resp: 513014

Ion Ratio Lower Upper

117 100

82 55.5 43.3 64.9

119 31.9 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046963.D

Acq: 14 Jul 2025 11:18

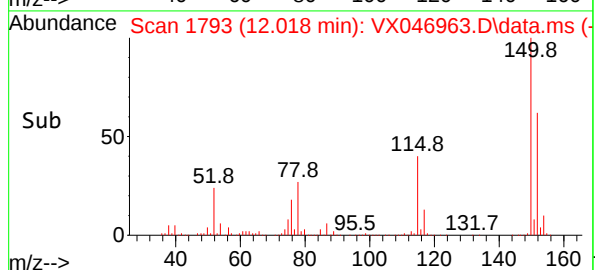
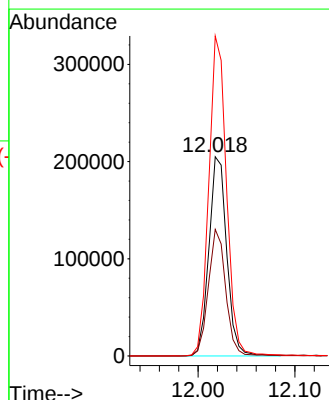
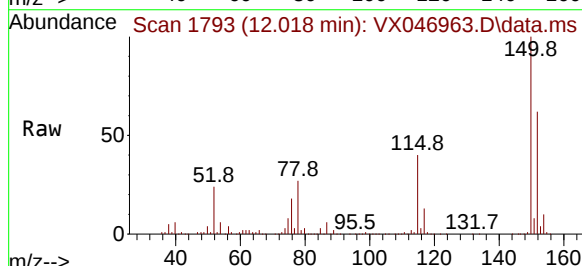
Tgt Ion:152 Resp: 263407

Ion Ratio Lower Upper

152 100

115 62.3 42.4 127.1

150 159.5 0.0 349.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M

Title : SW846 8260

Signal : TIC: VX046963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	695	707	724	rBV4	197125	630030	36.19%	6.421%
2	5.555	724	733	755	rVB	314880	993286	57.06%	10.123%
3	5.964	787	800	823	rBV	223907	658480	37.83%	6.711%
4	6.763	923	931	954	rBV	504942	1319211	75.78%	13.444%
5	8.646	1234	1240	1258	rBV	1057832	1740801	100.00%	17.741%
6	10.055	1465	1471	1482	rBV	1116370	1580299	90.78%	16.105%
7	11.079	1634	1639	1656	rBV	988148	1251070	71.87%	12.750%
8	12.018	1788	1793	1809	rBV	1303461	1639340	94.17%	16.707%

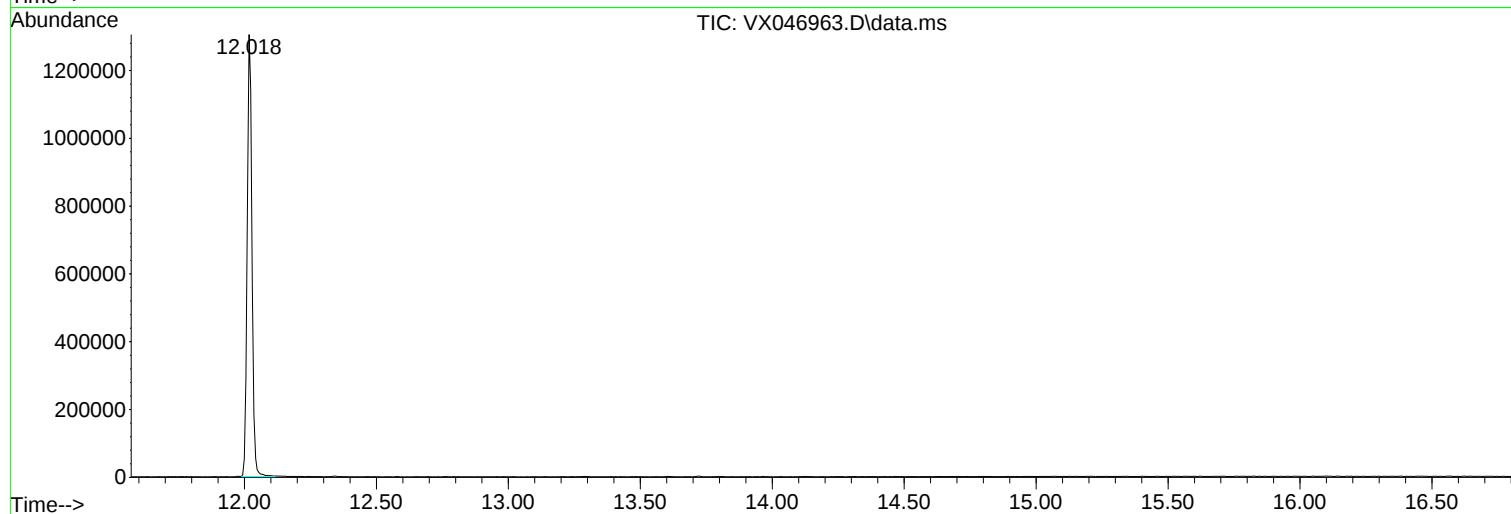
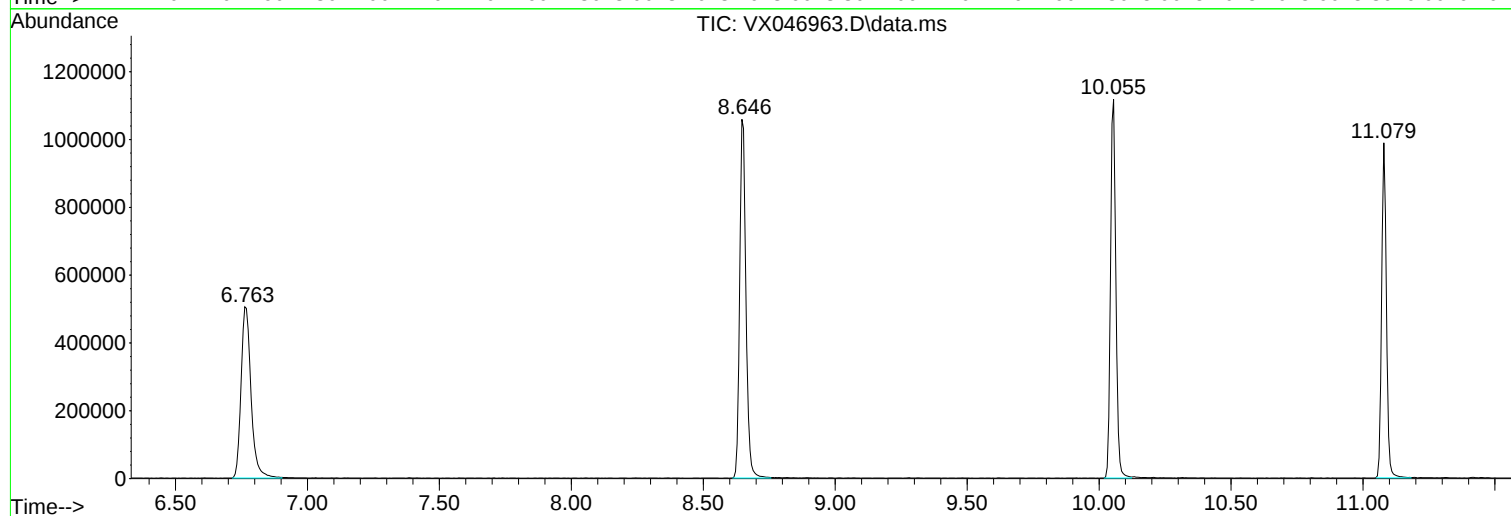
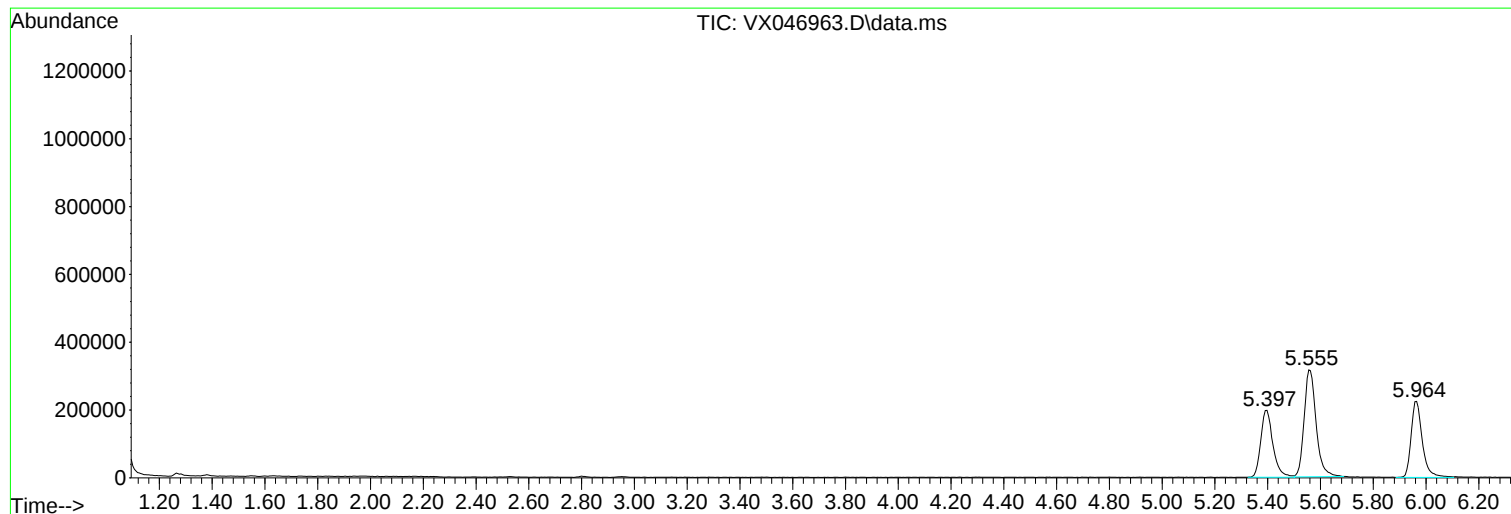
Sum of corrected areas: 9812517

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	18.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.3		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	96.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.7		0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	49.9		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	342000	5.562			
540-36-3	1,4-Difluorobenzene	567000	6.763			
3114-55-4	Chlorobenzene-d5	521000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046936.D
 Acq On : 10 Jul 2025 12:10
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	342120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	567066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	521192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	270401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	234548	51.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.780%			
35) Dibromofluoromethane	5.391	113	197050	51.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	678032	49.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	271465	52.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61016	18.649	ug/l	96
3) Chloromethane	1.307	50	67307	18.828	ug/l	99
4) Vinyl Chloride	1.386	62	71046	18.250	ug/l	95
5) Bromomethane	1.630	94	48098	19.229	ug/l	95
6) Chloroethane	1.703	64	46534	18.103	ug/l	96
7) Trichlorofluoromethane	1.904	101	116905	19.422	ug/l	98
8) Diethyl Ether	2.148	74	41110	19.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	75030	19.562	ug/l	98
10) Methyl Iodide	2.465	142	74997	17.948	ug/l	99
11) Tert butyl alcohol	2.946	59	30821	103.975	ug/l	99
12) 1,1-Dichloroethene	2.337	96	67539	18.206	ug/l	98
13) Acrolein	2.245	56	31369	97.516	ug/l	99
14) Allyl chloride	2.678	41	124487	18.848	ug/l	100
15) Acrylonitrile	3.068	53	174048	101.555	ug/l	99
16) Acetone	2.386	43	135205	96.305	ug/l	92
17) Carbon Disulfide	2.526	76	164198	16.877	ug/l	99
18) Methyl Acetate	2.715	43	85181	23.019	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	209200	19.969	ug/l	99
20) Methylene Chloride	2.800	84	85351	20.559	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	73715	19.419	ug/l	95
22) Diisopropyl ether	3.763	45	260326	20.401	ug/l #	79
23) Vinyl Acetate	3.733	43	943294	98.673	ug/l	99
24) 1,1-Dichloroethane	3.617	63	144666	19.879	ug/l	99
25) 2-Butanone	4.562	43	196139	104.714	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100390	18.536	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89983	19.415	ug/l	99
28) Bromochloromethane	4.903	49	77759	21.650	ug/l	98
29) Tetrahydrofuran	5.013	42	124356	104.148	ug/l	99
30) Chloroform	5.099	83	146648	19.725	ug/l	96
31) Cyclohexane	5.483	56	121774	18.849	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	119784	19.284	ug/l	97
36) 1,1-Dichloropropene	5.702	75	98120	18.893	ug/l	99
37) Ethyl Acetate	4.727	43	83234	18.817	ug/l	98
38) Carbon Tetrachloride	5.684	117	106862	19.463	ug/l	96
39) Methylcyclohexane	7.385	83	115800	17.825	ug/l	98
40) Benzene	6.043	78	299729	19.081	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046936.D
 Acq On : 10 Jul 2025 12:10
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	50916	21.578	ug/l	99
42) 1,2-Dichloroethane	6.092	62	106539	19.973	ug/l	99
43) Isopropyl Acetate	6.342	43	136536	20.152	ug/l	100
44) Trichloroethene	7.129	130	74786	18.289	ug/l	96
45) 1,2-Dichloropropane	7.433	63	77257	19.466	ug/l	96
46) Dibromomethane	7.586	93	54255	19.730	ug/l	100
47) Bromodichloromethane	7.824	83	114011	19.418	ug/l	97
48) Methyl methacrylate	7.696	41	70593	20.179	ug/l	98
49) 1,4-Dioxane	7.665	88	16434	405.420	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	422464	105.653	ug/l	99
52) Toluene	8.720	92	191596	19.683	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99831	19.051	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115486	19.308	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	74446	20.533	ug/l	97
56) Ethyl methacrylate	9.116	69	97179	19.365	ug/l	95
57) 1,3-Dichloropropane	9.311	76	125336	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	272902	96.516	ug/l	100
59) 2-Hexanone	9.427	43	285526	107.654	ug/l	99
60) Dibromochloromethane	9.518	129	86441	19.922	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73636	20.222	ug/l	98
64) Tetrachloroethene	9.275	164	63838	18.397	ug/l	98
65) Chlorobenzene	10.079	112	216268	19.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73716	19.460	ug/l	99
67) Ethyl Benzene	10.195	91	372697	19.313	ug/l	100
68) m/p-Xylenes	10.299	106	280311	38.549	ug/l	100
69) o-Xylene	10.640	106	134279	19.117	ug/l	100
70) Styrene	10.652	104	236656	19.693	ug/l	99
71) Bromoform	10.799	173	54539	19.364	ug/l	98
73) Isopropylbenzene	10.957	105	358608	18.866	ug/l	99
74) N-amyl acetate	10.841	43	121038	18.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101874	19.491	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79044m	18.919	ug/l	
77) Bromobenzene	11.195	156	88746	18.744	ug/l	100
78) n-propylbenzene	11.305	91	429853	18.754	ug/l	99
79) 2-Chlorotoluene	11.360	91	256603	18.960	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	293197	18.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27406	17.602	ug/l	95
82) 4-Chlorotoluene	11.451	91	300271	19.226	ug/l	100
83) tert-Butylbenzene	11.713	119	301031	18.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	297901	19.082	ug/l	95
85) sec-Butylbenzene	11.890	105	372487	18.520	ug/l	99
86) p-Isopropyltoluene	12.006	119	314193	18.654	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168470	19.025	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	170202	18.469	ug/l	99
89) n-Butylbenzene	12.329	91	283785	17.932	ug/l	99
90) Hexachloroethane	12.536	117	53299	17.851	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	160687	18.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17681	19.341	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	103852	17.815	ug/l	99
94) Hexachlorobutadiene	13.725	225	37291	16.962	ug/l	99
95) Naphthalene	13.774	128	295355	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102820	18.667	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

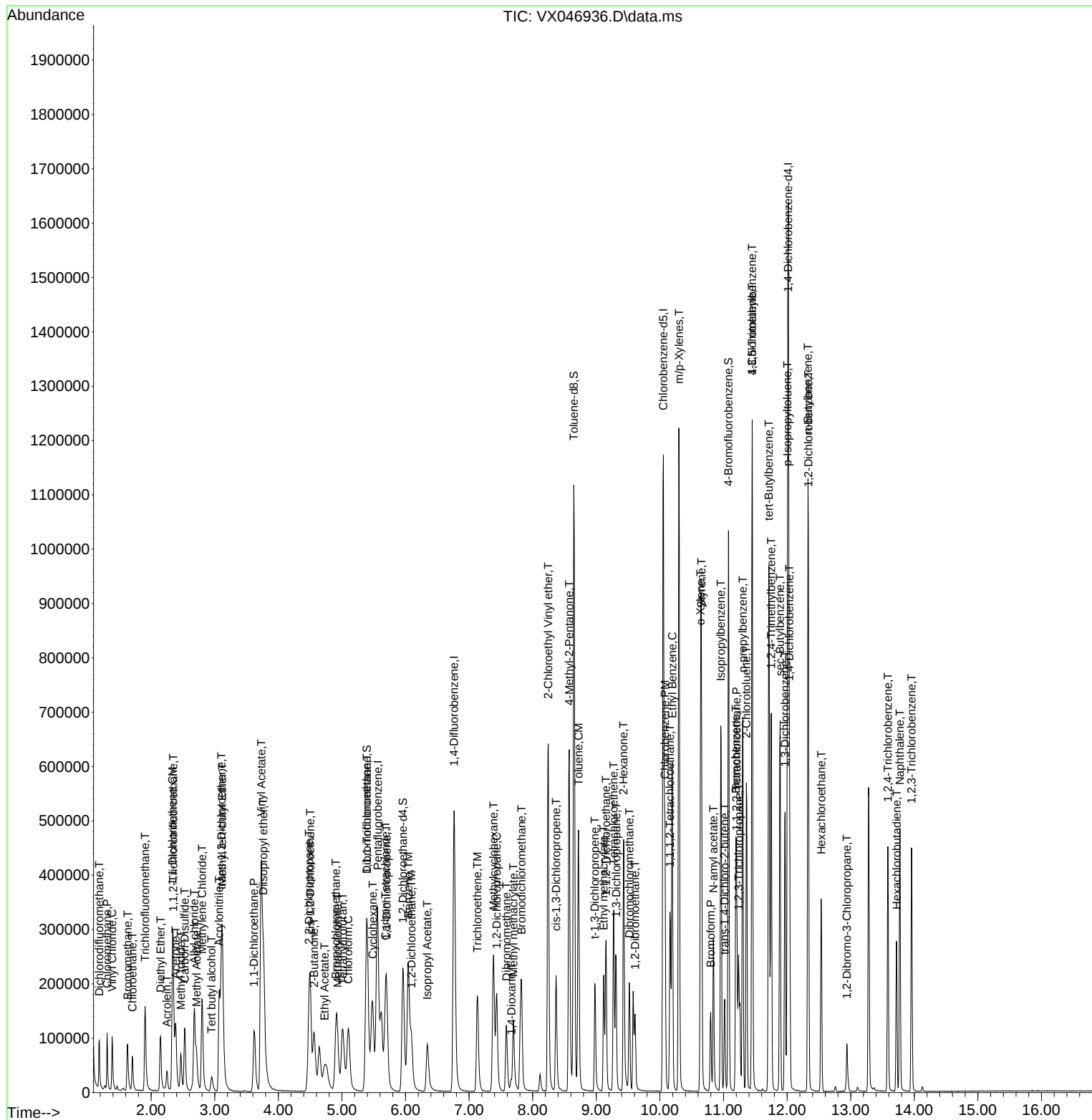
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.0		0.22	5.00	ug/L
74-87-3	Chloromethane	15.6		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	5.00	ug/L
74-83-9	Bromomethane	17.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	18.1		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	17.1		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	14.3		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.8		0.16	5.00	ug/L
79-20-9	Methyl Acetate	30.0		0.27	5.00	ug/L
75-09-2	Methylene Chloride	19.4		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	140		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	5.00	ug/L
74-97-5	Bromochloromethane	20.9		0.22	5.00	ug/L
67-66-3	Chloroform	19.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.9		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	5.00	ug/L
71-43-2	Benzene	19.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.22	5.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	140		0.68	25.0	ug/L
108-88-3	Toluene	19.7		0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.7		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.5		0.21	5.00	ug/L
591-78-6	2-Hexanone	140		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	10.0	ug/L
95-47-6	o-Xylene	20.2		0.12	5.00	ug/L
100-42-5	Styrene	20.4		0.15	5.00	ug/L
75-25-2	Bromoform	20.1		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.6		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	24.8		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.6		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.568			
540-36-3	1,4-Difluorobenzene	518000	6.769			
3114-55-4	Chlorobenzene-d5	465000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046968.D
 Acq On : 14 Jul 2025 13:10
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:18:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	311322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	518025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228375	55.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.060%			
35) Dibromofluoromethane	5.397	113	188158	53.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.653	98	652952	52.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	259398	55.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50576	16.987	ug/l	97
3) Chloromethane	1.307	50	50844	15.630	ug/l	98
4) Vinyl Chloride	1.386	62	61492	17.359	ug/l	95
5) Bromomethane	1.624	94	40526	17.805	ug/l	100
6) Chloroethane	1.703	64	42692	18.251	ug/l	99
7) Trichlorofluoromethane	1.904	101	99192	18.109	ug/l	98
8) Diethyl Ether	2.148	74	38659	19.833	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	65459	18.755	ug/l	98
10) Methyl Iodide	2.465	142	51744	13.608	ug/l	98
11) Tert butyl alcohol	2.959	59	45645	169.217	ug/l	99
12) 1,1-Dichloroethene	2.337	96	57803	17.123	ug/l	99
13) Acrolein	2.252	56	28984	98.971	ug/l	97
14) Allyl chloride	2.678	41	115355	19.193	ug/l	98
15) Acrylonitrile	3.075	53	188770	121.041	ug/l	99
16) Acetone	2.392	43	146236	114.467	ug/l	97
17) Carbon Disulfide	2.526	76	126416	14.279	ug/l	99
18) Methyl Acetate	2.715	43	100936	29.975	ug/l	97
19) Methyl tert-butyl Ether	3.130	73	216994	22.762	ug/l	96
20) Methylene Chloride	2.806	84	73334	19.412	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	64505	18.673	ug/l	91
22) Diisopropyl ether	3.776	45	245180	21.115	ug/l	96
23) Vinyl Acetate	3.733	43	943078	108.410	ug/l	99
24) 1,1-Dichloroethane	3.623	63	130299	19.676	ug/l	99
25) 2-Butanone	4.568	43	230434	135.193	ug/l	98
26) 2,2-Dichloropropane	4.489	77	95953	19.469	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	81572	19.341	ug/l	98
28) Bromochloromethane	4.910	49	68222	20.874	ug/l	98
29) Tetrahydrofuran	5.013	42	145842	134.226	ug/l	99
30) Chloroform	5.111	83	134497	19.880	ug/l	97
31) Cyclohexane	5.489	56	110365	18.773	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	112549	19.912	ug/l	99
36) 1,1-Dichloropropene	5.708	75	86578	18.249	ug/l	98
37) Ethyl Acetate	4.727	43	88069	21.795	ug/l	96
38) Carbon Tetrachloride	5.690	117	94543	18.849	ug/l	96
39) Methylcyclohexane	7.385	83	104699	17.642	ug/l	96
40) Benzene	6.050	78	275003	19.164	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046968.D
 Acq On : 14 Jul 2025 13:10
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:18:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	54131	25.112	ug/l	96
42) 1,2-Dichloroethane	6.099	62	99664	20.453	ug/l	98
43) Isopropyl Acetate	6.348	43	155021	25.047	ug/l	99
44) Trichloroethene	7.135	130	69201	18.525	ug/l	99
45) 1,2-Dichloropropane	7.434	63	71878	19.825	ug/l	97
46) Dibromomethane	7.586	93	50203	19.985	ug/l	98
47) Bromodichloromethane	7.824	83	102745	19.155	ug/l	97
48) Methyl methacrylate	7.702	41	78422	24.539	ug/l	97
49) 1,4-Dioxane	7.665	88	22981	620.603	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	497521	136.204	ug/l	99
52) Toluene	8.720	92	174835	19.661	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	94271	19.694	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	107227	19.625	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	71161	21.485	ug/l	98
56) Ethyl methacrylate	9.116	69	108310	23.626	ug/l	97
57) 1,3-Dichloropropane	9.311	76	118416	20.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	286969	111.099	ug/l	100
59) 2-Hexanone	9.433	43	344106	142.023	ug/l	100
60) Dibromochloromethane	9.525	129	76497	19.299	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68692	20.650	ug/l	100
64) Tetrachloroethene	9.275	164	56970	18.392	ug/l	97
65) Chlorobenzene	10.080	112	194907	19.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67124	19.852	ug/l	98
67) Ethyl Benzene	10.195	91	336342	19.526	ug/l	97
68) m/p-Xylenes	10.299	106	259177	39.930	ug/l	100
69) o-Xylene	10.640	106	126691	20.206	ug/l	97
70) Styrene	10.653	104	218738	20.391	ug/l	99
71) Bromoform	10.799	173	50540	20.102	ug/l #	100
73) Isopropylbenzene	10.964	105	334801	19.731	ug/l	99
74) N-amyl acetate	10.842	43	138470	24.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	105297	22.567	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82806m	22.202	ug/l	
77) Bromobenzene	11.195	156	80762	19.108	ug/l	96
78) n-propylbenzene	11.305	91	395854	19.347	ug/l	100
79) 2-Chlorotoluene	11.360	91	237047	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	278151	20.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27676	19.913	ug/l	94
82) 4-Chlorotoluene	11.451	91	280145	20.094	ug/l	100
83) tert-Butylbenzene	11.713	119	281349	19.757	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	278436	19.979	ug/l	95
85) sec-Butylbenzene	11.890	105	356721	19.868	ug/l	99
86) p-Isopropyltoluene	12.006	119	297713	19.801	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155791	19.709	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	155145	18.858	ug/l	98
89) n-Butylbenzene	12.329	91	275787	19.521	ug/l	99
90) Hexachloroethane	12.536	117	47178	17.700	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	150672	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20215	24.771	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	99618	19.143	ug/l	98
94) Hexachlorobutadiene	13.725	225	37048	18.878	ug/l	99
95) Naphthalene	13.774	128	317265	23.136	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	98213	19.974	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

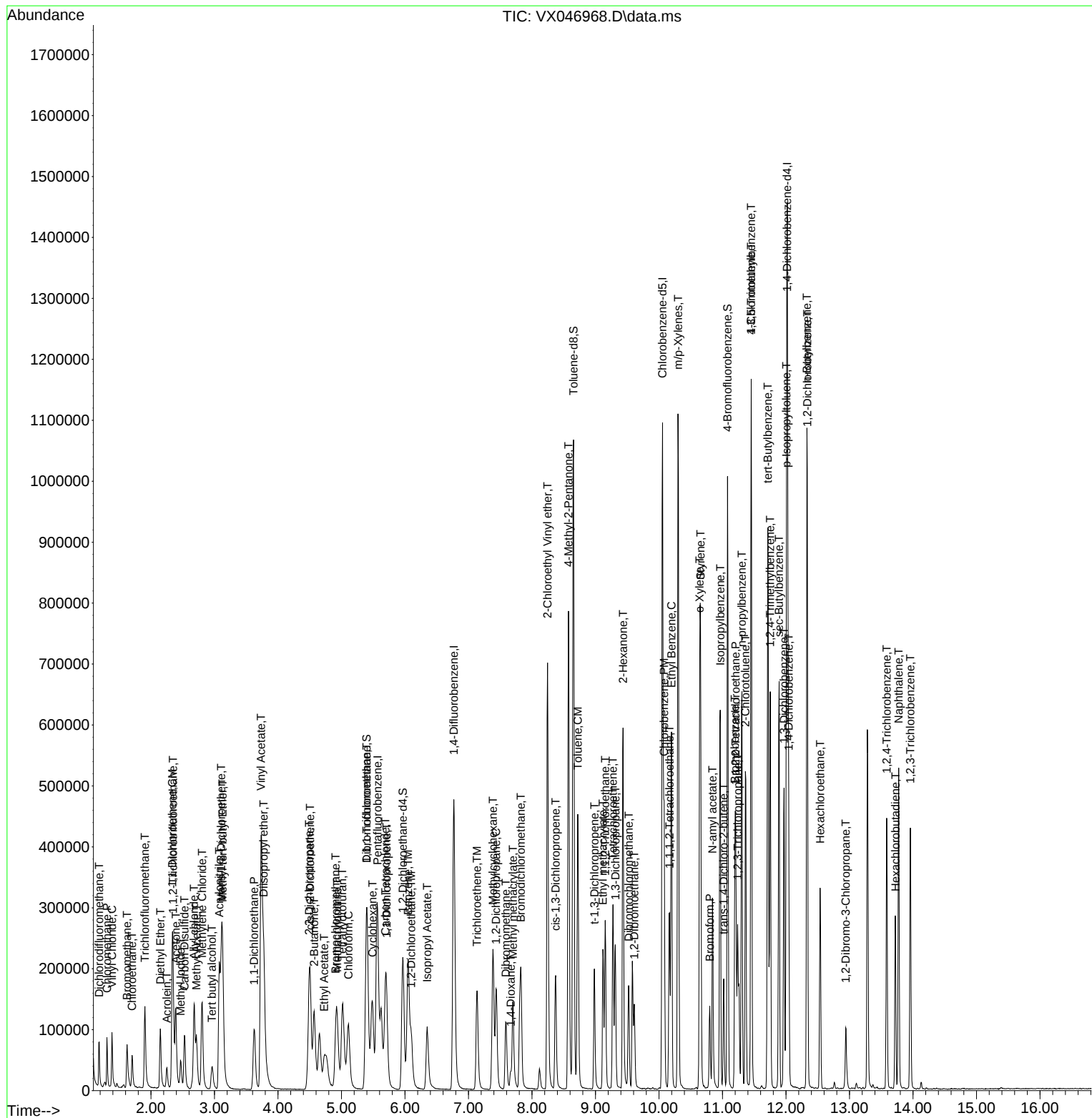
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046968.D
 Acq On : 14 Jul 2025 13:10
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:18:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration



Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBSD01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046937.D	1	07/10/25 12:35	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.22	1.00	ug/L
74-87-3	Chloromethane	17.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	17.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.23	1.00	ug/L
67-64-1	Acetone	98.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.2		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBSD01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046937.D	1	07/10/25 12:35	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.2		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	5.562			
540-36-3	1,4-Difluorobenzene	525000	6.763			
3114-55-4	Chlorobenzene-d5	482000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	249000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	VX0710WBSD01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046937.D	1	07/10/25 12:35	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046937.D
 Acq On : 10 Jul 2025 12:35
 Operator : JC/MD
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:27:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	319533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	525170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	249133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220021	52.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.240%			
35) Dibromofluoromethane	5.391	113	182598	51.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.647	98	623409	49.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.120%			
62) 4-Bromofluorobenzene	11.079	95	252132	52.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	53733	17.584	ug/l	98
3) Chloromethane	1.307	50	59649	17.866	ug/l	94
4) Vinyl Chloride	1.386	62	63527	17.472	ug/l	94
5) Bromomethane	1.624	94	44527	19.060	ug/l	96
6) Chloroethane	1.703	64	42569	17.731	ug/l	96
7) Trichlorofluoromethane	1.904	101	105523	18.770	ug/l	98
8) Diethyl Ether	2.148	74	39050	19.519	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	68760	19.195	ug/l	99
10) Methyl Iodide	2.465	142	72032	18.457	ug/l	97
11) Tert butyl alcohol	2.953	59	31363	113.282	ug/l	99
12) 1,1-Dichloroethene	2.337	96	62360	17.998	ug/l	98
13) Acrolein	2.246	56	30430	101.174	ug/l	100
14) Allyl chloride	2.678	41	116429	18.874	ug/l	99
15) Acrylonitrile	3.075	53	168593	105.325	ug/l	99
16) Acetone	2.386	43	128443	97.956	ug/l	96
17) Carbon Disulfide	2.526	76	147876	16.274	ug/l	99
18) Methyl Acetate	2.715	43	83919	24.281	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	206539	21.108	ug/l	99
20) Methylene Chloride	2.800	84	79772	20.574	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	65723	18.537	ug/l	99
22) Diisopropyl ether	3.764	45	249844	20.964	ug/l #	80
23) Vinyl Acetate	3.733	43	918815	102.907	ug/l	100
24) 1,1-Dichloroethane	3.617	63	132724	19.527	ug/l	100
25) 2-Butanone	4.562	43	193429	110.567	ug/l	97
26) 2,2-Dichloropropane	4.483	77	91246	18.038	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	83722	19.341	ug/l	98
28) Bromochloromethane	4.910	49	71901	21.434	ug/l	100
29) Tetrahydrofuran	5.013	42	124855	111.958	ug/l	98
30) Chloroform	5.099	83	139208	20.047	ug/l	98
31) Cyclohexane	5.477	56	114072	18.905	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	112983	19.475	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90333	18.781	ug/l	100
37) Ethyl Acetate	4.715	43	79219	19.338	ug/l #	95
38) Carbon Tetrachloride	5.684	117	99159	19.500	ug/l	99
39) Methylcyclohexane	7.385	83	109536	18.206	ug/l	98
40) Benzene	6.044	78	283408	19.481	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046937.D
 Acq On : 10 Jul 2025 12:35
 Operator : JC/MD
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:27:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47598	21.781	ug/l	97
42) 1,2-Dichloroethane	6.092	62	102213	20.691	ug/l	99
43) Isopropyl Acetate	6.342	43	135040	21.521	ug/l	100
44) Trichloroethene	7.129	130	70835	18.705	ug/l	98
45) 1,2-Dichloropropane	7.434	63	74569	20.288	ug/l	98
46) Dibromomethane	7.586	93	52704	20.695	ug/l	99
47) Bromodichloromethane	7.824	83	110763	20.369	ug/l	99
48) Methyl methacrylate	7.696	41	70164	21.656	ug/l	98
49) 1,4-Dioxane	7.659	88	17500	466.159	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	426933	115.289	ug/l	98
52) Toluene	8.720	92	179467	19.908	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	97297	20.049	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109903	19.841	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	71082	21.169	ug/l	96
56) Ethyl methacrylate	9.116	69	97795	21.042	ug/l	98
57) 1,3-Dichloropropane	9.305	76	120732	20.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	266721	101.855	ug/l	98
59) 2-Hexanone	9.427	43	282302	114.930	ug/l	99
60) Dibromochloromethane	9.519	129	83023	20.660	ug/l	98
61) 1,2-Dibromoethane	9.610	107	70125	20.794	ug/l	98
64) Tetrachloroethene	9.275	164	59405	18.508	ug/l	96
65) Chlorobenzene	10.080	112	204652	19.636	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	70200	20.036	ug/l	98
67) Ethyl Benzene	10.195	91	347539	19.471	ug/l	98
68) m/p-Xylenes	10.299	106	262922	39.092	ug/l	99
69) o-Xylene	10.640	106	125026	19.244	ug/l	97
70) Styrene	10.653	104	223608	20.117	ug/l	99
71) Bromoform	10.799	173	52454	20.135	ug/l #	98
73) Isopropylbenzene	10.964	105	339278	19.373	ug/l	99
74) N-amyl acetate	10.842	43	122668	20.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99420	20.645	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79046m	20.534	ug/l	
77) Bromobenzene	11.195	156	84831	19.446	ug/l	99
78) n-propylbenzene	11.299	91	402815	19.075	ug/l	99
79) 2-Chlorotoluene	11.360	91	238425	19.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	281806	19.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27480	19.157	ug/l	95
82) 4-Chlorotoluene	11.451	91	286076	19.881	ug/l	100
83) tert-Butylbenzene	11.713	119	282461	19.218	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	285057	19.818	ug/l	96
85) sec-Butylbenzene	11.890	105	356072	19.215	ug/l	100
86) p-Isopropyltoluene	12.006	119	295422	19.037	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161268	19.767	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	159372	18.770	ug/l	97
89) n-Butylbenzene	12.329	91	270809	18.573	ug/l	99
90) Hexachloroethane	12.536	117	50082	18.205	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	154222	19.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17282	20.518	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	103384	19.248	ug/l	98
94) Hexachlorobutadiene	13.719	225	37025	18.279	ug/l	99
95) Naphthalene	13.774	128	295349	20.868	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	99576	19.621	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

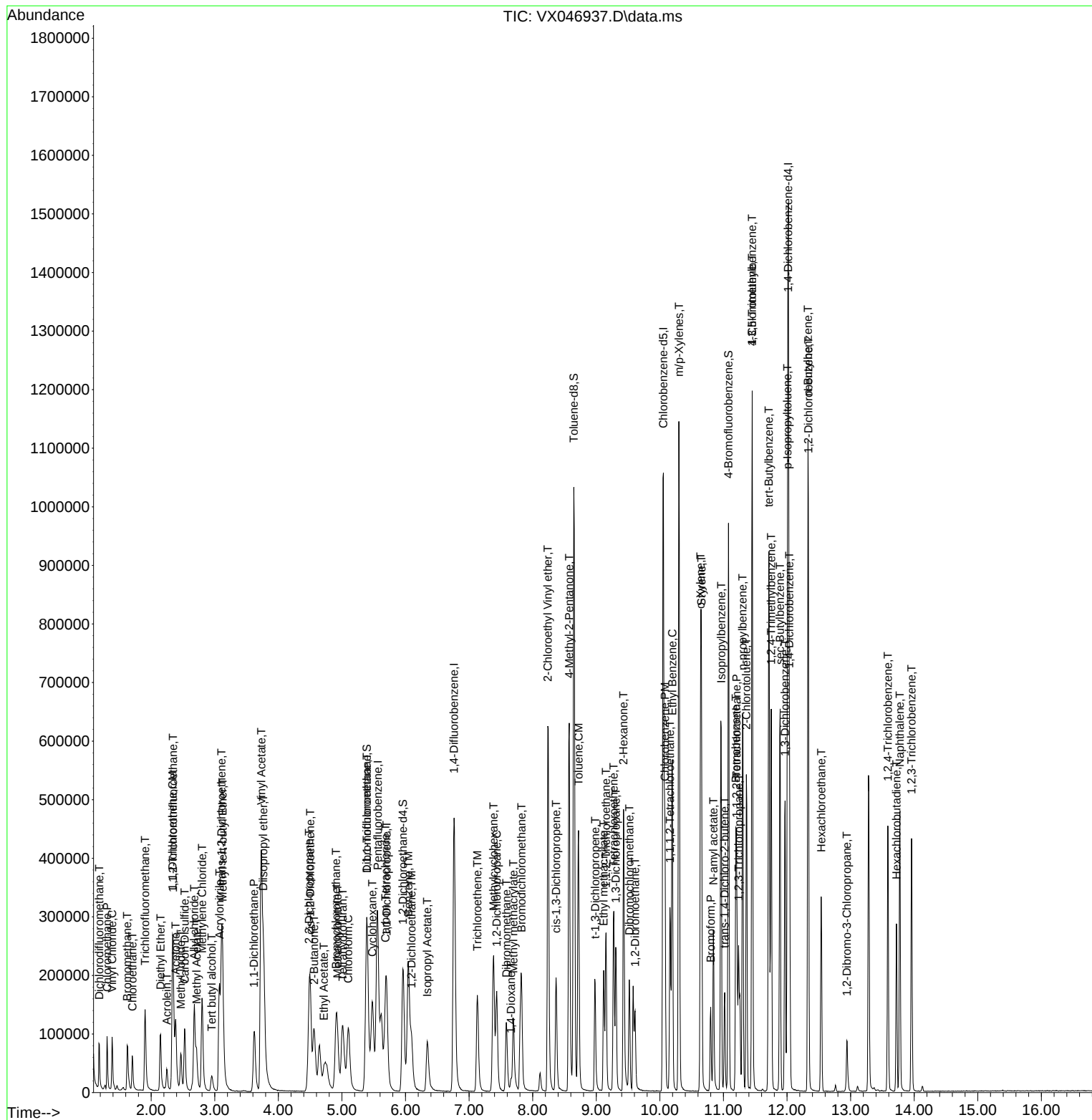
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VX070225

Instrument

MSVOA_x

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

Manual Integration Report

Sequence:

vx071025

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046933.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:39:45 AM	MMDadoda	7/14/2025 7:46:10 AM	Peak Integrated by Software
VX0710WBS01	VX046936.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:39:49 AM	MMDadoda	7/14/2025 7:46:12 AM	Peak Integrated by Software
VX0710WBSD01	VX046937.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:39:53 AM	MMDadoda	7/14/2025 7:46:17 AM	Peak Integrated by Software
Q2553-01	VX046943.D	Acetone	JOHN	7/11/2025 8:39:57 AM	MMDadoda	7/14/2025 7:46:18 AM	Peak Integrated by Software
Q2553-01	VX046943.D	n-Butylbenzene	JOHN	7/11/2025 8:39:57 AM	MMDadoda	7/14/2025 7:46:18 AM	Peak Integrated by Software
Q2553-02	VX046944.D	n-Butylbenzene	JOHN	7/11/2025 8:40:01 AM	MMDadoda	7/14/2025 7:46:20 AM	Peak Integrated by Software
Q2553-03	VX046945.D	n-Butylbenzene	JOHN	7/11/2025 8:40:06 AM	MMDadoda	7/14/2025 7:46:22 AM	Peak Integrated by Software
Q2553-04	VX046946.D	n-Butylbenzene	JOHN	7/11/2025 8:40:11 AM	MMDadoda	7/14/2025 7:46:24 AM	Peak Integrated by Software
VSTDCCC050	VX046959.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:41:21 AM	MMDadoda	7/14/2025 7:47:02 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX071425

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046961.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:53:58 AM	SAM	7/15/2025 4:55:11 AM	Peak Integrated by Software
VX0714WBS01	VX046968.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:03 AM	SAM	7/15/2025 4:55:18 AM	Peak Integrated by Software
VSTDCCC050	VX046986.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:13 AM	SAM	7/15/2025 4:55:26 AM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM
Supervise By	Maresh Dadoda	Supervise On	7/3/2025 3:09:59 PM
SubDirectory	VX070225	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP134642		
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP134641		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDIC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDIC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDIC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDIC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDIC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDIC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM
Supervise By	Maresh Dadoda	Supervise On	7/14/2025 7:47:20 AM
SubDirectory	VX071025	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134710		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134714,VP134715		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046932.D	10 Jul 2025 08:43	JC/MD	Ok
2	VSTDCCC050	VX046933.D	10 Jul 2025 09:54	JC/MD	Ok,M
3	VX0710MBL01	VX046934.D	10 Jul 2025 10:22	JC/MD	Ok
4	VX0710WBL01	VX046935.D	10 Jul 2025 11:44	JC/MD	Ok
5	VX0710WBS01	VX046936.D	10 Jul 2025 12:10	JC/MD	Ok,M
6	VX0710WBSD01	VX046937.D	10 Jul 2025 12:35	JC/MD	Ok,M
7	IBLK	VX046938.D	10 Jul 2025 12:57	JC/MD	Ok
8	Q2553-06	VX046939.D	10 Jul 2025 13:18	JC/MD	Ok
9	Q2553-05	VX046940.D	10 Jul 2025 13:39	JC/MD	ReRun
10	Q2554-02	VX046941.D	10 Jul 2025 14:00	JC/MD	Ok
11	Q2554-04	VX046942.D	10 Jul 2025 14:21	JC/MD	Ok
12	Q2553-01	VX046943.D	10 Jul 2025 14:43	JC/MD	Ok,M
13	Q2553-02	VX046944.D	10 Jul 2025 15:04	JC/MD	Ok,M
14	Q2553-03	VX046945.D	10 Jul 2025 15:26	JC/MD	Ok,M
15	Q2553-04	VX046946.D	10 Jul 2025 15:47	JC/MD	Ok,M
16	PB168762TB	VX046947.D	10 Jul 2025 16:08	JC/MD	Ok,M
17	Q2517-04	VX046948.D	10 Jul 2025 16:30	JC/MD	Ok
18	Q2519-04	VX046949.D	10 Jul 2025 16:51	JC/MD	Ok,M
19	Q2554-03	VX046950.D	10 Jul 2025 17:12	JC/MD	Ok
20	Q2554-01	VX046951.D	10 Jul 2025 17:34	JC/MD	Ok,M
21	IBLK	VX046952.D	10 Jul 2025 17:55	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM
Supervise By	Mahesh Dadoda	Supervise On	7/14/2025 7:47:20 AM
SubDirectory	VX071025	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134710		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134714,VP134715		

22	VX0710MBS01	VX046953.D	10 Jul 2025 18:16	JC/MD	Ok,M
23	VX0710MBSD01	VX046954.D	10 Jul 2025 18:37	JC/MD	Ok,M
24	Q2480-05	VX046955.D	10 Jul 2025 18:59	JC/MD	Ok,M
25	Q2480-06ME	VX046956.D	10 Jul 2025 19:20	JC/MD	Ok,M
26	Q2480-07ME	VX046957.D	10 Jul 2025 19:41	JC/MD	Ok,M
27	Q2480-08	VX046958.D	10 Jul 2025 20:02	JC/MD	Ok,M
28	VSTDCCC050	VX046959.D	10 Jul 2025 20:23	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM
SubDirectory	VX071425	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134751		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134752,VP134753		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046960.D	14 Jul 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX046961.D	14 Jul 2025 09:16	JC/MD	Ok,M
3	VX0714MBL01	VX046962.D	14 Jul 2025 10:54	JC/MD	Ok
4	VX0714WBL01	VX046963.D	14 Jul 2025 11:18	JC/MD	Ok
5	VX0714MBS01	VX046964.D	14 Jul 2025 11:39	JC/MD	Ok,M
6	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06	JC/MD	Ok,M
7	Q2480-04ME	VX046966.D	14 Jul 2025 12:27	JC/MD	Ok
8	Q2480-02ME	VX046967.D	14 Jul 2025 12:49	JC/MD	Ok,M
9	VX0714WBS01	VX046968.D	14 Jul 2025 13:10	JC/MD	Ok,M
10	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37	JC/MD	Ok,M
11	Q2523-01	VX046970.D	14 Jul 2025 13:58	JC/MD	Not Ok
12	Q2526-02	VX046971.D	14 Jul 2025 14:19	JC/MD	Ok
13	Q2565-03	VX046972.D	14 Jul 2025 14:41	JC/MD	Ok
14	Q2565-04	VX046973.D	14 Jul 2025 15:02	JC/MD	Ok,M
15	Q2565-05	VX046974.D	14 Jul 2025 15:23	JC/MD	Not Ok
16	IBLK	VX046975.D	14 Jul 2025 15:45	JC/MD	Ok
17	Q2578-01	VX046976.D	14 Jul 2025 16:06	JC/MD	ReRun
18	Q2578-05	VX046977.D	14 Jul 2025 16:28	JC/MD	ReRun
19	Q2578-09	VX046978.D	14 Jul 2025 16:49	JC/MD	ReRun
20	Q2578-13	VX046979.D	14 Jul 2025 17:10	JC/MD	ReRun
21	Q2578-17	VX046980.D	14 Jul 2025 17:31	JC/MD	ReRun

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM
SubDirectory	VX071425	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134751		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134752,VP134753		

22	Q2579-01	VX046981.D	14 Jul 2025 17:53	JC/MD	ReRun
23	Q2579-05	VX046982.D	14 Jul 2025 18:14	JC/MD	ReRun
24	IBLK	VX046983.D	14 Jul 2025 18:35	JC/MD	Ok
25	Q2553-05	VX046984.D	14 Jul 2025 18:56	JC/MD	Ok
26	Q2595-01	VX046985.D	14 Jul 2025 19:17	JC/MD	Ok
27	VSTDCCC050	VX046986.D	14 Jul 2025 19:38	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX070225

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

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM
Supervise By	Maresh Dadoda	Supervise On	7/14/2025 7:47:20 AM
SubDirectory	VX071025	HP Acquire Method	HP Processing Method 82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP134710
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134714,VP134715

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046932.D	10 Jul 2025 08:43		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046933.D	10 Jul 2025 09:54		JC/MD	Ok,M
3	VX0710MBL01	VX0710MBL01	VX046934.D	10 Jul 2025 10:22		JC/MD	Ok
4	VX0710WBL01	VX0710WBL01	VX046935.D	10 Jul 2025 11:44		JC/MD	Ok
5	VX0710WBS01	VX0710WBS01	VX046936.D	10 Jul 2025 12:10		JC/MD	Ok,M
6	VX0710WBSD01	VX0710WBSD01	VX046937.D	10 Jul 2025 12:35		JC/MD	Ok,M
7	IBLK	IBLK	VX046938.D	10 Jul 2025 12:57		JC/MD	Ok
8	Q2553-06	TB	VX046939.D	10 Jul 2025 13:18	vial A pH<2 TB	JC/MD	Ok
9	Q2553-05	FB	VX046940.D	10 Jul 2025 13:39	vial A pH<2 FB;Hit of com.#17	JC/MD	ReRun
10	Q2554-02	250709059-10 Trip blan	VX046941.D	10 Jul 2025 14:00	vial A pH#6.0 TB	JC/MD	Ok
11	Q2554-04	250709059-11 Trip blan	VX046942.D	10 Jul 2025 14:21	vial A pH#6.0 TB	JC/MD	Ok
12	Q2553-01	AOC-201	VX046943.D	10 Jul 2025 14:43	vial A pH<2	JC/MD	Ok,M
13	Q2553-02	AOC-202	VX046944.D	10 Jul 2025 15:04	vial A pH<2	JC/MD	Ok,M
14	Q2553-03	AOC-203	VX046945.D	10 Jul 2025 15:26	vial A pH<2	JC/MD	Ok,M
15	Q2553-04	AOC-205	VX046946.D	10 Jul 2025 15:47	vial A pH<2	JC/MD	Ok,M
16	PB168762TB	PB168762TB	VX046947.D	10 Jul 2025 16:08		JC/MD	Ok,M
17	Q2517-04	TP-14	VX046948.D	10 Jul 2025 16:30	vial A pH#5.0	JC/MD	Ok
18	Q2519-04	TP-15	VX046949.D	10 Jul 2025 16:51	vial A pH#5.0	JC/MD	Ok,M

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM
Supervise By	Maresh Dadoda	Supervise On	7/14/2025 7:47:20 AM
SubDirectory	VX071025	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134710		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134714,VP134715		

19	Q2554-03	250709104-01 VOA	VX046950.D	10 Jul 2025 17:12	vial A pH#6.0	JC/MD	Ok
20	Q2554-01	250709071-01 VOA	VX046951.D	10 Jul 2025 17:34	vial A pH#6.0 Need 5X. No more vials.	JC/MD	Ok,M
21	IBLK	IBLK	VX046952.D	10 Jul 2025 17:55		JC/MD	Ok
22	VX0710MBS01	VX0710MBS01	VX046953.D	10 Jul 2025 18:16	BS Failed Low for com.#05	JC/MD	Ok,M
23	VX0710MBSD01	VX0710MBSD01	VX046954.D	10 Jul 2025 18:37	BSD Failed Low for com.#05	JC/MD	Ok,M
24	Q2480-05	GPX5	VX046955.D	10 Jul 2025 18:59		JC/MD	Ok,M
25	Q2480-06ME	GPX6ME	VX046956.D	10 Jul 2025 19:20		JC/MD	Ok,M
26	Q2480-07ME	GPX7ME	VX046957.D	10 Jul 2025 19:41		JC/MD	Ok,M
27	Q2480-08	GPX8	VX046958.D	10 Jul 2025 20:02		JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX046959.D	10 Jul 2025 20:23		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX071425

Review By	Maresh Dadoda	Review On	7/15/2025 4:54:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM
SubDirectory	VX071425	HP Acquire Method	HP Processing Method 82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP134751
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134752,VP134753

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046960.D	14 Jul 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046961.D	14 Jul 2025 09:16	pH#Lot#V12668	JC/MD	Ok,M
3	VX0714MBL01	VX0714MBL01	VX046962.D	14 Jul 2025 10:54		JC/MD	Ok
4	VX0714WBL01	VX0714WBL01	VX046963.D	14 Jul 2025 11:18		JC/MD	Ok
5	VX0714MBS01	VX0714MBS01	VX046964.D	14 Jul 2025 11:39		JC/MD	Ok,M
6	VX0714MBSD01	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06		JC/MD	Ok,M
7	Q2480-04ME	GPX4ME	VX046966.D	14 Jul 2025 12:27		JC/MD	Ok
8	Q2480-02ME	GPX2ME	VX046967.D	14 Jul 2025 12:49		JC/MD	Ok,M
9	VX0714WBS01	VX0714WBS01	VX046968.D	14 Jul 2025 13:10		JC/MD	Ok,M
10	VX0714WBSD01	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37		JC/MD	Ok,M
11	Q2523-01	MOO-25-0190	VX046970.D	14 Jul 2025 13:58	Need Soil Run	JC/MD	Not Ok
12	Q2526-02	LAW-25-0101	VX046971.D	14 Jul 2025 14:19	wipe sample	JC/MD	Ok
13	Q2565-03	MOO-25-0191	VX046972.D	14 Jul 2025 14:41	wipe sample	JC/MD	Ok
14	Q2565-04	MOO-25-0196	VX046973.D	14 Jul 2025 15:02	wipe sample	JC/MD	Ok,M
15	Q2565-05	MOO-25-0180	VX046974.D	14 Jul 2025 15:23	Need Soil Run	JC/MD	Not Ok
16	IBLK	IBLK	VX046975.D	14 Jul 2025 15:45		JC/MD	Ok
17	Q2578-01	WC-A5-01-G	VX046976.D	14 Jul 2025 16:06	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
18	Q2578-05	WC-A2-09-G	VX046977.D	14 Jul 2025 16:28	vial A pH#5.0 Surrogate fail	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX071425

Review By	Maresh Dadoda	Review On	7/15/2025 4:54:26 AM
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM
SubDirectory	VX071425	HP Acquire Method	HP Processing Method 82X070225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134751		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134752,VP134753		

19	Q2578-09	WC-A2-10-G	VX046978.D	14 Jul 2025 16:49	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
20	Q2578-13	WC-A2-11-G	VX046979.D	14 Jul 2025 17:10	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
21	Q2578-17	WC-A2-12-G	VX046980.D	14 Jul 2025 17:31	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
22	Q2579-01	WC-A2-13-G	VX046981.D	14 Jul 2025 17:53	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q2579-05	WC-A2-14-G	VX046982.D	14 Jul 2025 18:14	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
24	IBLK	IBLK	VX046983.D	14 Jul 2025 18:35		JC/MD	Ok
25	Q2553-05	FB	VX046984.D	14 Jul 2025 18:56	vial B pH<2 FB	JC/MD	Ok
26	Q2595-01	CHRT-24849	VX046985.D	14 Jul 2025 19:17	jelly like sample	JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX046986.D	14 Jul 2025 19:38		JC/MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **FIRST ENVIRONMENT INC.**
ADDRESS: **10 PARK PL Suite 504**
CITY: **Butler** STATE: **NJ** ZIP: **07405**
ATTENTION: **KEN Cwieka**
PHONE: **973-334-0003** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **White Plains Housing Auth**
PROJECT NO. **WPHA006** LOCATION: **N.Y.**
PROJECT MANAGER: **Ken Cwieka**
e-mail: **KMC@FIRSTENVIRONMENT.COM**
PHONE: **973-334-0003** FAX:

CLIENT BILLING INFORMATION

BILL TO: **FIRST ENVIRONMENT** PO#:
ADDRESS: **10 PARK PL**
CITY: **Butler** STATE: **N.J.** ZIP: **07405**
ATTENTION: **Accounting** PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ 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) ☒ ~~Level 3 (Results + QC)~~ ☐ US EPA CLP
☐ Level 3 (Results + QC) ☒ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☒ EDD FORMAT

*Voc + 15
BM + 15*

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	AOC-201	GW		✓	7-9-25	1247	4	2	2									
2.	AOC-202	GW		✓	7-9-25	1315	3	2	1									
3.	AOC-203	GW		✓	7-9-25	1300	3	2	1									
4.	AOC-205	GW		✓	7-9-25	1236	4	2	2									
5.	FB	DI		✓	7-9-25	1320	3	2	1									
6.	TB	DI			7-9-25		2	2										
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <i>LMC</i>	DATE/TIME: 7-9-2023	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP	Comments: All AOC wells - 3 day TURN AROUND FB STANDARD TURN AROUND TIME	2-8 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: 7/9/25 16:15	RECEIVED BY: 2. <i>[Signature]</i>			
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.			

Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2553	FIRS02	Order Date : 7/9/2025 4:20:00 PM	Project Mgr :
Client Name : First Environment, Inc.		Project Name : White Plains Housing Auth	Report Type : NYS ASP A
Client Contact : Ken Cwieka		Receive DateTime : 7/9/2025 4:15:00 PM	EDD Type : Excel NJ
Invoice Name : First Environment, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Ken Cwieka			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2553-01	AOC-201	Water	07/09/2025	12:47					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-02	AOC-202	Water	07/09/2025	13:15					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-03	AOC-203	Water	07/09/2025	13:00					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-04	AOC-205	Water	07/09/2025	12:36					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-05	FB	Water	07/09/2025	13:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2553-06	TB	Water	07/09/2025	13:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2553 FIRS02

Order Date : 7/9/2025 4:20:00 PM

Project Mgr :

Client Name : First Environment, Inc.

Project Name : White Plains Housing Auth

Report Type : NYS ASP A

Client Contact : Ken Cwieka

Receive DateTime : 7/9/2025 4:15:00 PM

EDD Type : Excel NJ

Invoice Name : First Environment, Inc.

Purchase Order :

Hard Copy Date :

Invoice Contact : Ken Cwieka

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By : CP

Date / Time : 7/10/25 8:45

Received By : SPM

Date / Time : 07/10/25 8:45

Storage Area : VOA Refridgerator Room