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Cover Page

Order ID : Q1762

Project ID : ANN

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1762-01	MW4
Q1762-02	MW5

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: 4/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: ANN
Project # N/A
Chemtech Project # Q1762
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Water samples were received on 04/09/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and 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#121-1324UIThe 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 met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

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

The %RSD is greater than 20% in the Initial Calibration method (82X040225W.M) for t-1,3dichloropropene is passing on Linear Regression.
The Continuous Calibration File ID VX045712.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.
.
The Tuning criteria met requirements.
Sample MW4 was diluted due to high concentration.

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

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Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1762**

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

QA Review Signature: **MAHESH PATEL** **Date:** **04/15/2025**

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LAB CHRONICLE

OrderID:	Q1762	**OrderDate:**	4/9/2025 2:47:49 PM
Client:	G Environmental	**Project:**	ANN
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1762-01	**MW4**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/09/25	
Q1762-01DL	**MW4DL**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/11/25	
Q1762-02	**MW5**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q1762-01	MW4	Water	Acetone		10.4	J	1.50	25.0	ug/L
Q1762-01	MW4	Water	Cyclohexane		96.3		1.50	5.00	ug/L
Q1762-01	MW4	Water	Methylcyclohexane		430	E	0.16	5.00	ug/L
Q1762-01	MW4	Water	Benzene		1.60	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Toluene		0.98	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	Ethyl Benzene		9.80		0.13	5.00	ug/L
Q1762-01	MW4	Water	m/p-Xylenes		1.50	J	0.24	10.0	ug/L
Q1762-01	MW4	Water	o-Xylene		0.52	J	0.12	5.00	ug/L
Q1762-01	MW4	Water	Isopropylbenzene		19.5		0.12	5.00	ug/L
			Total Voc :		571				
Q1762-01	MW4	Water	Naphthalene, 1-methyl-	*	73.3	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 3-methyl-	*	97.0	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, methyl-	*	86.4	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 2-methyl-	*	150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-propenyl-	*	150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1,2,3,5-tetramethyl-	*	140	J	0	0	ug/L
Q1762-01	MW4	Water	Hexane, 3-methyl-	*	93.3	J	0	0	ug/L
Q1762-01	MW4	Water	Indan, 1-methyl-	*	130	J	0	0	ug/L
Q1762-01	MW4	Water	Isopropylcyclobutane	*	140	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	240	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-butenyl-	*	210	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-	*	92.4	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-, ci	*	120	J	0	0	ug/L
Q1762-01	MW4	Water	2-Hexene, 2-methyl-	*	82.5	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethenyl-4-ethyl-	*	96.8	J	0	0	ug/L
Q1762-01	MW4	Water	n-propylbenzene	*	77.4	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	tert-Butylbenzene	*	2.70	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	sec-Butylbenzene	*	21.2	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	p-Isopropyltoluene	*	2.80	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	n-Butylbenzene	*	46.4	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Naphthalene	*	2.80	J	0.20	5.00	ug/L
			Total Tics :		2060				
			Total Concentration:		2630				
Client ID:	**MW4DL**								
Q1762-01DL	MW4DL	Water	Acetone		19.0	JD	7.60	130	ug/L
Q1762-01DL	MW4DL	Water	Cyclohexane		110	D	7.30	25.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q1762-01DL	MW4DL	Water	Methylcyclohexane		450	D	0.80	25.0	ug/L
Q1762-01DL	MW4DL	Water	Ethyl Benzene		12.1	JD	0.65	25.0	ug/L
Q1762-01DL	MW4DL	Water	Isopropylbenzene		24.6	JD	0.60	25.0	ug/L
			Total Voc :		616				
			Total Concentration:		616				
Client ID:	**MW5**								
Q1762-02	MW5	Water	Acetone		56.1		1.50	25.0	ug/L
Q1762-02	MW5	Water	Cyclohexane		61.9		1.50	5.00	ug/L
Q1762-02	MW5	Water	Methylcyclohexane		74.4		0.16	5.00	ug/L
Q1762-02	MW5	Water	Benzene		14.4		0.15	5.00	ug/L
Q1762-02	MW5	Water	Toluene		2.40	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	Ethyl Benzene		2.00	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	m/p-Xylenes		3.80	J	0.24	10.0	ug/L
Q1762-02	MW5	Water	o-Xylene		1.40	J	0.12	5.00	ug/L
Q1762-02	MW5	Water	Isopropylbenzene		27.8		0.12	5.00	ug/L
			Total Voc :		244				
Q1762-02	MW5	Water	Butane, 2-methyl-	*	140	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 3-methyl-	*	230	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentane, methyl-	*	390	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 2-methyl-	*	160	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane	*	64.6	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 1,6-dimethyl-	*	79.0	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 2,3-dimethyl-	*	92.2	J	0	0	ug/L
Q1762-02	MW5	Water	Hexane, 3-methyl-	*	96.4	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-2-methyl-	*	110	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	91.4	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentene, 4-methyl-	*	66.0	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 2-ethenyl-1,3-dimethy	*	150	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-3-ethyl-	*	73.8	J	0	0	ug/L
Q1762-02	MW5	Water	n-propylbenzene	*	55.2	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	tert-Butylbenzene	*	1.30	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	1,2,4-Trimethylbenzene	*	0.44	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	sec-Butylbenzene	*	8.20	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	n-Butylbenzene	*	12.8	J	0.15	5.00	ug/L
			Total Tics :		1820				
			Total Concentration:		2070				

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

QC SUMMARY

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Surrogate Summary

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1762-01	MW4	1,2-Dichloroethane-d4	50	50.0	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.4	115	70 (77)	130 (121)
Q1762-01DL	MW4DL	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104	70 (77)	130 (121)
Q1762-02	MW5	1,2-Dichloroethane-d4	50	52.8	106	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.9	114	70 (77)	130 (121)
VX0410WBL02	VX0410WBL02	1,2-Dichloroethane-d4	50	53.1	106	70 (74)	130 (125)
		Dibromofluoromethane	50	51.7	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0410WBS02	VX0410WBS02	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107	70 (75)	130 (124)
		Toluene-d8	50	52.8	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.3	111	70 (77)	130 (121)

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Surrogate Summary

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0409WBL01	VX0409WBL01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
VX0409WBS01	VX0409WBS01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	54.5	109	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)
VX0409WBSD0	VX0409WBSD01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0409WBS01	Dichlorodifluoromethane	20	20.1	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.5	ug/L	93			70 (65)	130 (117)	
	Bromomethane	20	18.2	ug/L	91			40 (58)	160 (125)	
	Chloroethane	20	20.4	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.7	ug/L	99			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	93.3	ug/L	93			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.3	ug/L	97			70 (78)	130 (114)	
	Methyl Acetate	20	20.2	ug/L	101			70 (67)	130 (125)	
	Methylene Chloride	20	18.3	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.1	ug/L	96			70 (78)	130 (112)	
	Cyclohexane	20	18.5	ug/L	93			70 (75)	130 (110)	
	2-Butanone	100	94.6	ug/L	95			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.1	ug/L	101			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	19.8	ug/L	99			70 (70)	130 (124)	
	Chloroform	20	19.3	ug/L	97			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.2	ug/L	96			70 (80)	130 (108)	
	Methylcyclohexane	20	19.5	ug/L	98			70 (72)	130 (115)	
	Benzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.4	ug/L	102			70 (80)	130 (115)	
	Trichloroethene	20	19.2	ug/L	96			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.6	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.3	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.9	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.8	ug/L	99			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.8	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	20.9	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	Ethyl Benzene	20	20.0	ug/L	100			70 (83)	130 (109)	
	m/p-Xylenes	40	40.5	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	19.5	ug/L	98			70 (79)	130 (109)	
	Isopropylbenzene	20	20.3	ug/L	102			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.9	ug/L	100			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBS01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBSD01	Dichlorodifluoromethane	20	21.0	ug/L	105	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	19.1	ug/L	96	2		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	18.9	ug/L	95	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.2	ug/L	96	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.9	ug/L	104	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	21.1	ug/L	106	7		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108	6		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	19.2	ug/L	96	4		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	7		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.4	ug/L	87	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.1	ug/L	106	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	22.1	ug/L	111	9		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.0	ug/L	100	8		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	8		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.1	ug/L	101	5		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.6	ug/L	98	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	5		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	21.2	ug/L	106	5		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.7	ug/L	99	6		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.3	ug/L	112	12		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.8	ug/L	104	7		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.3	ug/L	102	6		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.9	ug/L	104	6		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	5		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.5	ug/L	108	6		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.4	ug/L	102	6		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.8	ug/L	104	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	21.0	ug/L	105	7		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	20.3	ug/L	102	5		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.3	ug/L	97	3		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.8	ug/L	109	7		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	5		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.1	ug/L	106	7		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.9	ug/L	104	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	22.0	ug/L	110	6		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.9	ug/L	104	2		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.9	ug/L	104	4		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	42.3	ug/L	106	5		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.7	ug/L	104	3		70 (83)	130 (109)	20 (20)
	Styrene	20	21.2	ug/L	106	4		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.2	ug/L	101	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.7	ug/L	104	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	21.2	ug/L	106	3		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBSD01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	2		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104	8		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	3		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0410WBS02	Dichlorodifluoromethane	20	20.2	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	20.1	ug/L	101			40 (65)	160 (116)	
	Vinyl chloride	20	20.0	ug/L	100			70 (65)	130 (117)	
	Bromomethane	20	19.1	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	22.1	ug/L	111			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.8	ug/L	104			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99			70 (80)	130 (112)	
	1,1-Dichloroethene	20	20.1	ug/L	101			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.6	ug/L	108			70 (78)	130 (114)	
	Methyl Acetate	20	25.0	ug/L	125			70 (67)	130 (125)	
	Methylene Chloride	20	20.5	ug/L	103			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.7	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	19.3	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.1	ug/L	106			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.2	ug/L	101			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	21.5	ug/L	108			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.0	ug/L	105			70 (80)	130 (108)	
	Methylcyclohexane	20	18.6	ug/L	93			70 (72)	130 (115)	
	Benzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.8	ug/L	109			70 (80)	130 (115)	
	Trichloroethene	20	20.6	ug/L	103			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.4	ug/L	102			70 (83)	130 (111)	
	Bromodichloromethane	20	20.8	ug/L	104			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.6	ug/L	103			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.9	ug/L	110			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.9	ug/L	104			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.5	ug/L	108			70 (81)	130 (110)	
	Tetrachloroethene	20	20.0	ug/L	100			70 (67)	130 (123)	
	Chlorobenzene	20	20.7	ug/L	104			70 (82)	130 (109)	
	Ethyl Benzene	20	20.6	ug/L	103			70 (83)	130 (109)	
	m/p-Xylenes	40	40.9	ug/L	102			70 (82)	130 (110)	
	o-Xylene	20	20.6	ug/L	103			70 (83)	130 (109)	
	Styrene	20	21.3	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	19.9	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	20.5	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.4	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0410WBS02	1,2-Dibromo-3-Chloropropane	20	22.5	ug/L	113			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0409WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045666.D Lab Sample ID: VX0409WBL01

Date Analyzed: 04/09/2025 Time Analyzed: 11:26

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
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025
MW4	Q1762-01	VX045681.D	04/09/2025
MW5	Q1762-02	VX045682.D	04/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0410WBL02

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045714.D Lab Sample ID: VX0410WBL02

Date Analyzed: 04/11/2025 Time Analyzed: 03:59

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
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025
MW4DL	Q1762-01DL	VX045717.D	04/11/2025

COMMENTS:

Raw Data: **VX045524.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

Raw Data: **VX045663.D**

Alliance TECHNICAL GROUP
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045663.D BFB Injection Date: 04/09/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:38

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.2
75	30.0 - 60.0% of mass 95	59.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	67.4
175	5.0 - 9.0% of mass 174	5.1 (7.5) 1
176	95.0 - 101.0% of mass 174	66.1 (98) 1
177	5.0 - 9.0% of mass 176	4.4 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045664.D	04/09/2025	10:35
VX0409WBL01	VX0409WBL01	VX045666.D	04/09/2025	11:26
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025	11:49
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025	12:14
MW4	Q1762-01	VX045681.D	04/09/2025	17:16
MW5	Q1762-02	VX045682.D	04/09/2025	17:39

Raw Data: **VX045711.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045711.D BFB Injection Date: 04/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 02:10

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	23.9
75	30.0 - 60.0% of mass 95	59
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	1 (1.5) 1
174	50.0 - 100.0% of mass 95	66.5
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.2 (97.9) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045712.D	04/11/2025	02:49
VX0410WBL02	VX0410WBL02	VX045714.D	04/11/2025	03:59
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025	04:22
MW4DL	Q1762-01DL	VX045717.D	04/11/2025	05:32

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045664.D Date Analyzed: 04/09/2025

Instrument ID: MSVOA_X Time Analyzed: 10:35

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	98594	5.54	170453	6.75	147839	10.05
UPPER LIMIT	197188	6.044	340906	7.251	295678	10.549
LOWER LIMIT	49297	5.044	85226.5	6.251	73919.5	9.549
EPA SAMPLE NO.						
MW4	73129	5.55	135470	6.76	125359	10.05
MW5	66105	5.54	129673	6.76	121124	10.05
VX0409WBL01	69921	5.54	138334	6.76	127856	10.05
VX0409WBS01	94074	5.54	163361	6.76	141398	10.05
VX0409WBSD01	83922	5.54	147335	6.76	129399	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045664.D Date Analyzed: 04/09/2025

Instrument ID: MSVOA_X Time Analyzed: 10:35

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

	IS4 AREA #	RT #				
12 HOUR STD	71972	12.018				
UPPER LIMIT	143944	12.518				
LOWER LIMIT	35986	11.518				
EPA SAMPLE NO.						
MW4	58214	12.02				
MW5	55077	12.02				
VX0409WBL01	50474	12.02				
VX0409WBS01	64175	12.02				
VX0409WBSD01	60456	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045712.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_X Time Analyzed: 02:49

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	83221	5.54	146715	6.75	129670	10.05
UPPER LIMIT	166442	6.037	293430	7.251	259340	10.549
LOWER LIMIT	41610.5	5.037	73357.5	6.251	64835	9.549
EPA SAMPLE NO.						
MW4DL	63356	5.55	122653	6.76	112188	10.06
VX0410WBL02	68793	5.54	134259	6.76	125713	10.05
VX0410WBS02	87130	5.54	156738	6.76	139704	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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

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

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045712.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_X Time Analyzed: 02:49

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

	IS4 AREA #	RT #				
12 HOUR STD	63235	12.018				
UPPER LIMIT	126470	12.518				
LOWER LIMIT	31617.5	11.518				
EPA SAMPLE NO.						
MW4DL	47681	12.02				
VX0410WBL02	55453	12.02				
VX0410WBS02	64250	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

Raw Data: **VX045681.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	10.4	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	96.3		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	430	E	0.16	5.00	ug/L
71-43-2	Benzene	1.60	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.98	J	0.14	5.00	ug/L

Raw Data: **VX045681.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	9.80		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.50	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.52	J	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	73100	5.55			
540-36-3	1,4-Difluorobenzene	135000	6.757			
3114-55-4	Chlorobenzene-d5	125000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58200	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX045681.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	150	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	97.0	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	86.4	J		4.29	ug/L
000589-34-4	Hexane, 3-methyl-	93.3	J		5.82	ug/L
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	120	J		6.15	ug/L
002453-00-1	Cyclopentane, 1,3-dimethyl-	92.4	J		6.25	ug/L
000872-56-0	Isopropylcyclobutane	140	J		6.35	ug/L
002738-19-4	2-Hexene, 2-methyl-	82.5	J		6.84	ug/L
103-65-1	n-propylbenzene	77.4	J		11.3	ug/L
98-06-6	tert-Butylbenzene	2.70	J		11.7	ug/L
135-98-8	sec-Butylbenzene	21.2	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.80	J		12.0	ug/L
000300-57-2	Benzene, 2-propenyl-	150	J		12.2	ug/L
104-51-8	n-Butylbenzene	46.4	J		12.3	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	240	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	130	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	140	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	96.8	J		13.2	ug/L
001560-06-1	Benzene, 2-butenyl-	210	J		13.3	ug/L
91-20-3	Naphthalene	2.80	J		13.8	ug/L
000090-12-0	Naphthalene, 1-methyl-	73.3	J		14.6	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\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Time: Apr 10 01:36:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

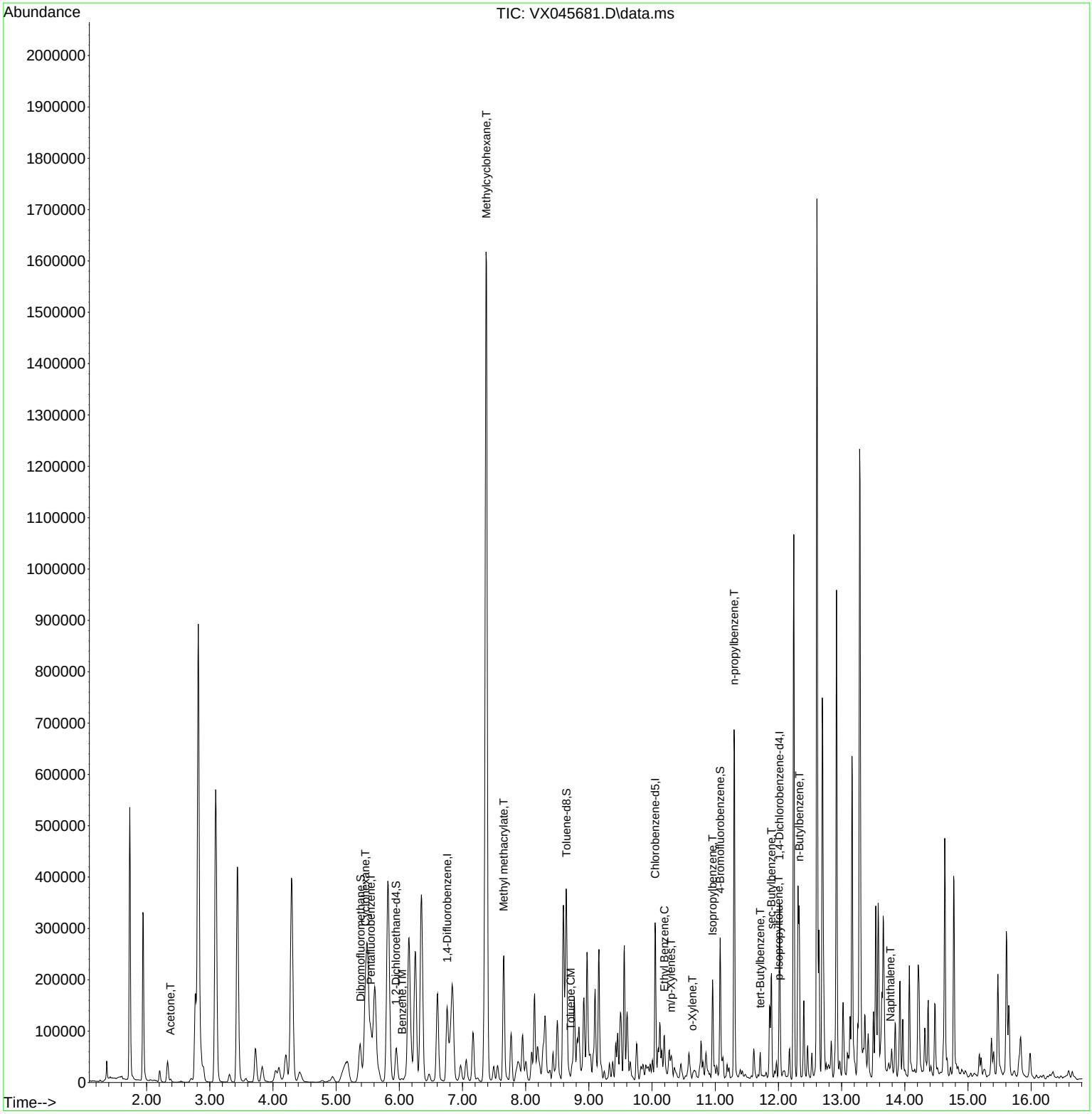
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	73129	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	135470	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	125359	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58214	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	66936	50.052	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%				
35) Dibromofluoromethane	5.385	113	48939	50.917	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%				
50) Toluene-d8	8.647	98	175427	52.291	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.580%				
62) 4-Bromofluorobenzene	11.079	95	70156	57.411	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.820%				
Target Compounds							Qvalue
16) Acetone	2.380	43	5690	10.361	ug/l		98
31) Cyclohexane	5.464	56	157999	96.311	ug/l	#	95
39) Methylcyclohexane	7.379	83	683265	429.512	ug/l		97
40) Benzene	6.044	78	6348	1.602	ug/l		96
48) Methyl methacrylate	7.653	41	63695	49.769	ug/l	#	61
52) Toluene	8.714	92	2340	0.976	ug/l	#	68
67) Ethyl Benzene	10.195	91	46826	9.760	ug/l		100
68) m/p-Xylenes	10.299	106	2692	1.543	ug/l		87
69) o-Xylene	10.640	106	887	0.516	ug/l		89
73) Isopropylbenzene	10.957	105	90832	19.479	ug/l		100
78) n-propylbenzene	11.299	91	415596	77.378	ug/l		100
83) tert-Butylbenzene	11.713	119	10259	2.687	ug/l		89
85) sec-Butylbenzene	11.890	105	99614	21.245	ug/l		98
86) p-Isopropyltoluene	12.006	119	10835	2.803	ug/l		93
89) n-Butylbenzene	12.329	91	155654	46.435	ug/l	#	80
95) Naphthalene	13.774	128	11315	2.801	ug/l	#	93

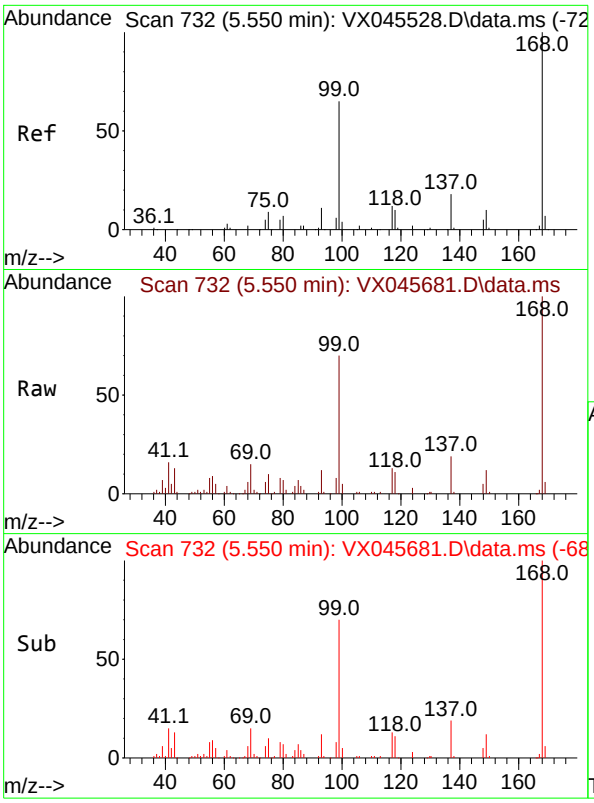
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Time: Apr 10 01:36:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



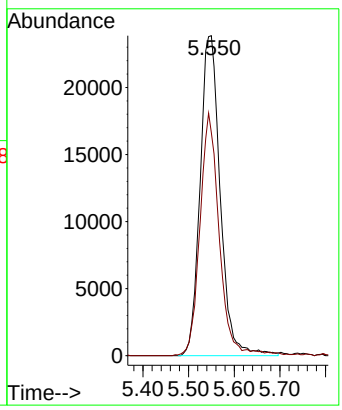


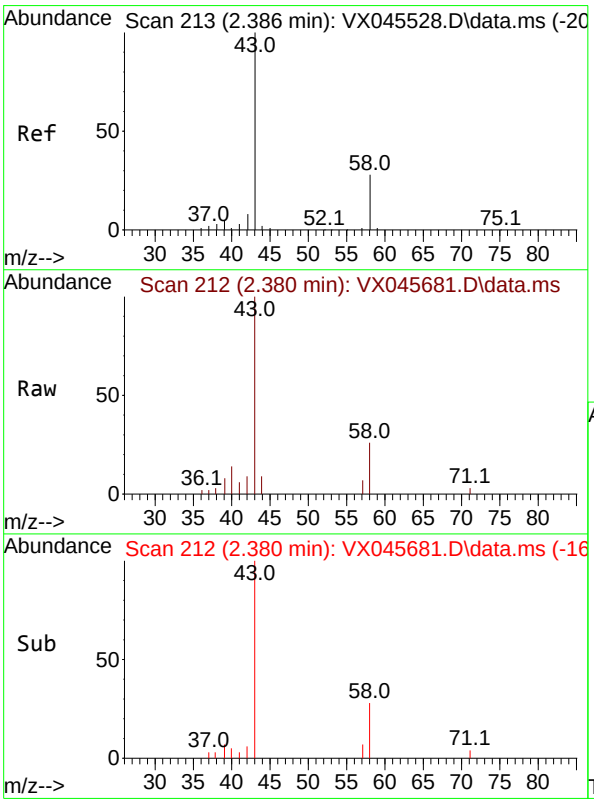
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:168 Resp: 73129

Ion	Ratio	Lower	Upper
168	100		
99	69.5	52.3	78.5

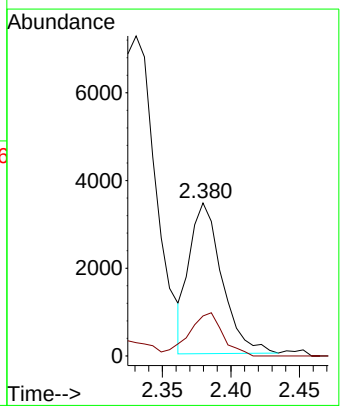


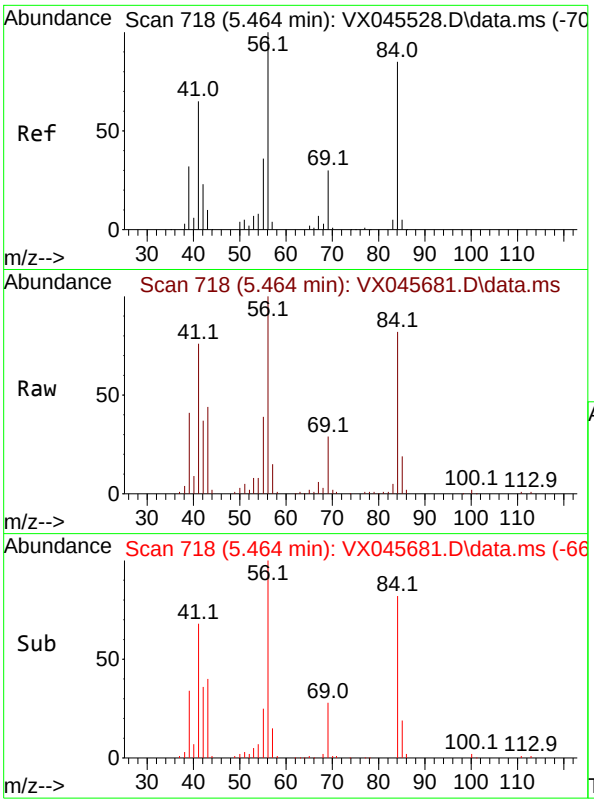


#16
Acetone
Concen: 10.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 43 Resp: 5690

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.3	33.5



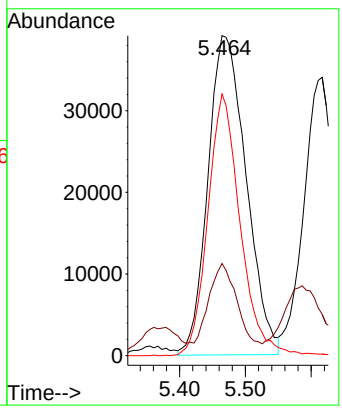


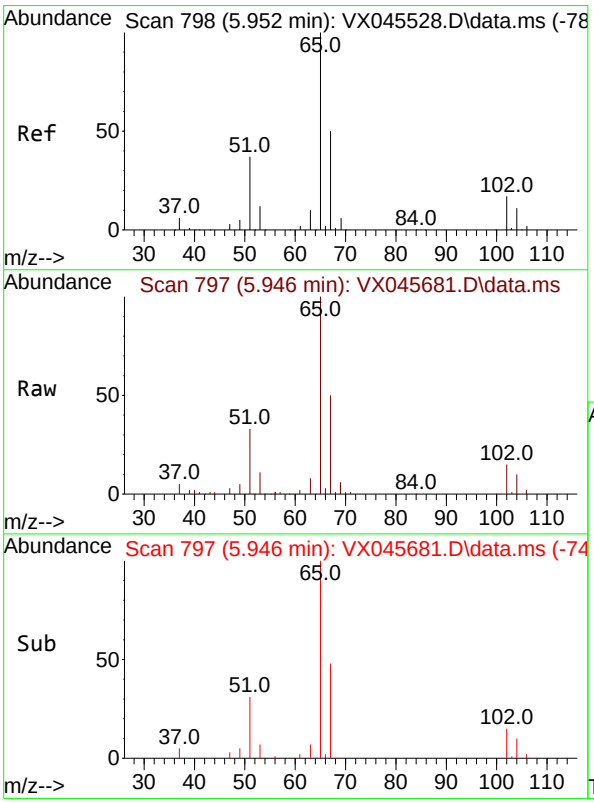
#31
Cyclohexane
Concen: 96.311 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 56 Resp: 157999

Ion	Ratio	Lower	Upper
56	100		
69	22.9	23.6	35.4#
84	82.7	67.7	101.5

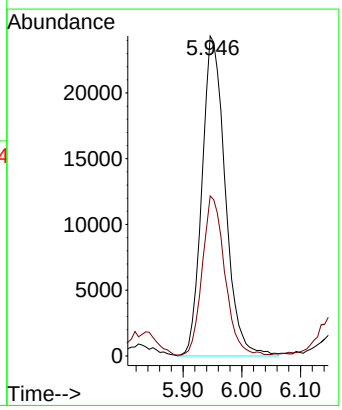


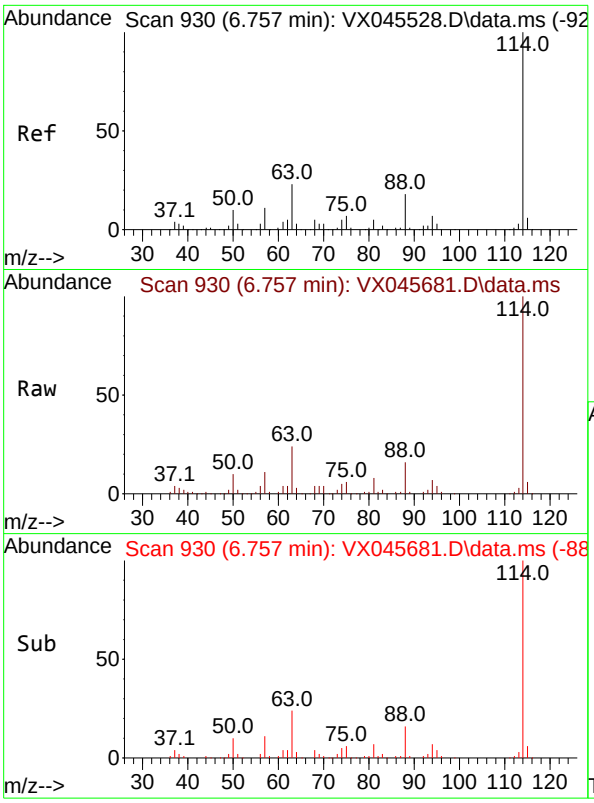


#33
1,2-Dichloroethane-d4
Concen: 50.052 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 65 Resp: 66936

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	99.0



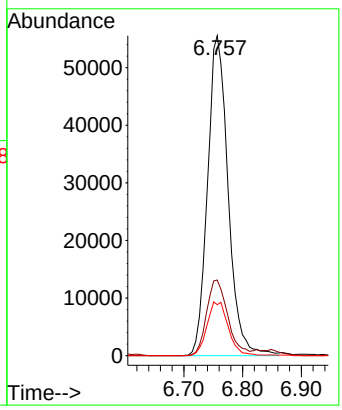


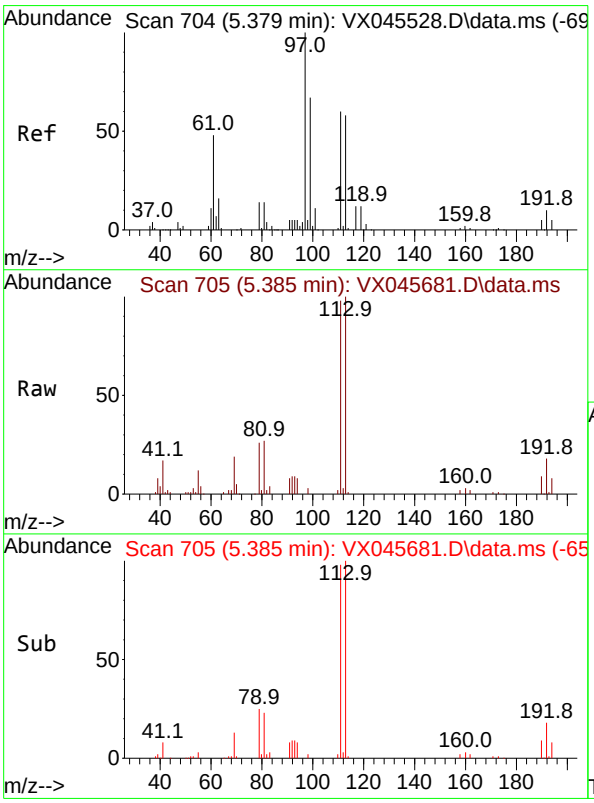
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:114 Resp: 135470

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.8
88	16.0	0.0	35.4

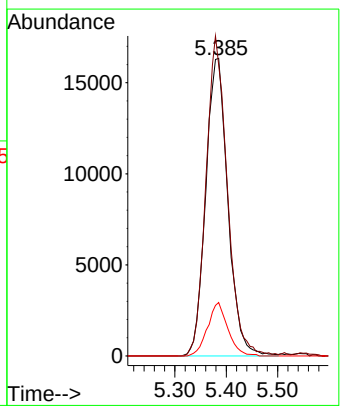


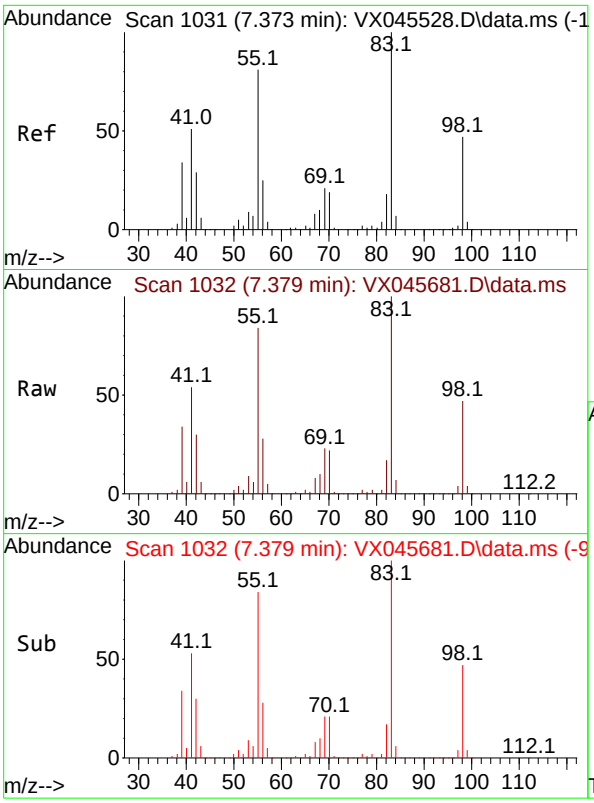


#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:113 Resp: 48939

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	16.5	13.8	20.6



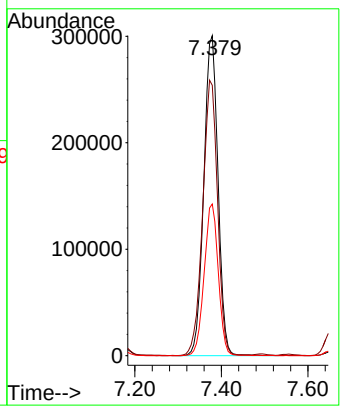


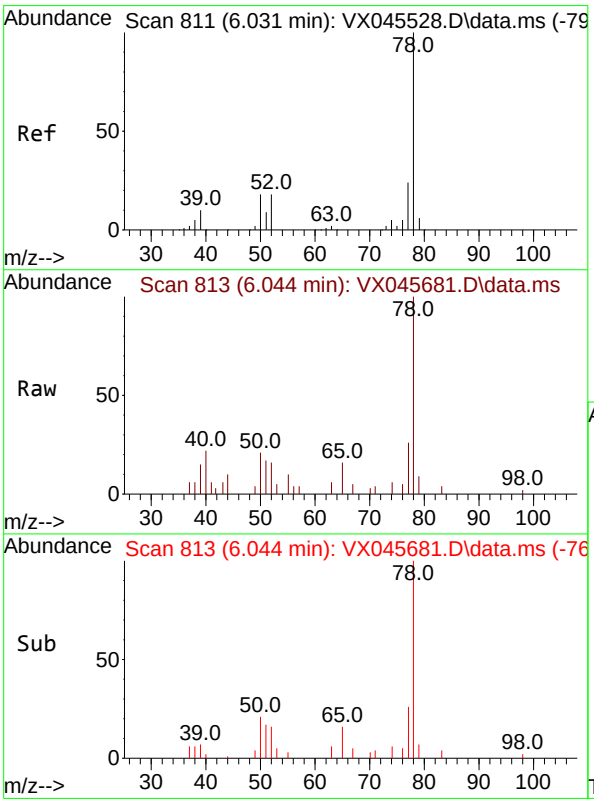
#39
Methylcyclohexane
Concen: 429.512 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 83 Resp: 683265

Ion	Ratio	Lower	Upper
83	100		
55	84.4	64.9	97.3
98	47.4	37.4	56.0

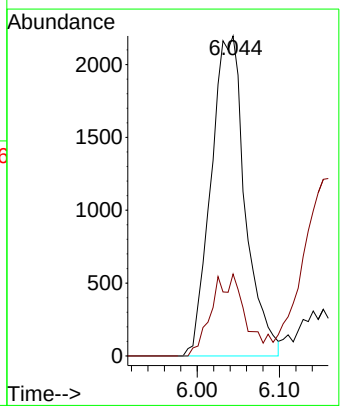


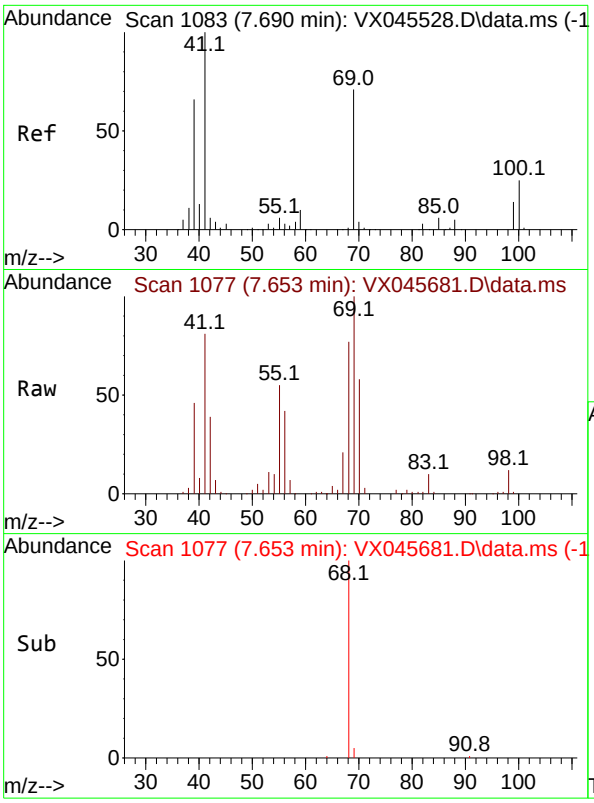


#40
Benzene
Concen: 1.602 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 78 Resp: 6348

Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.6



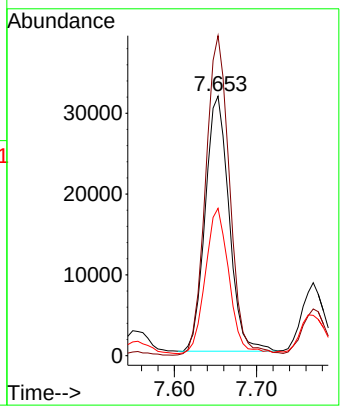


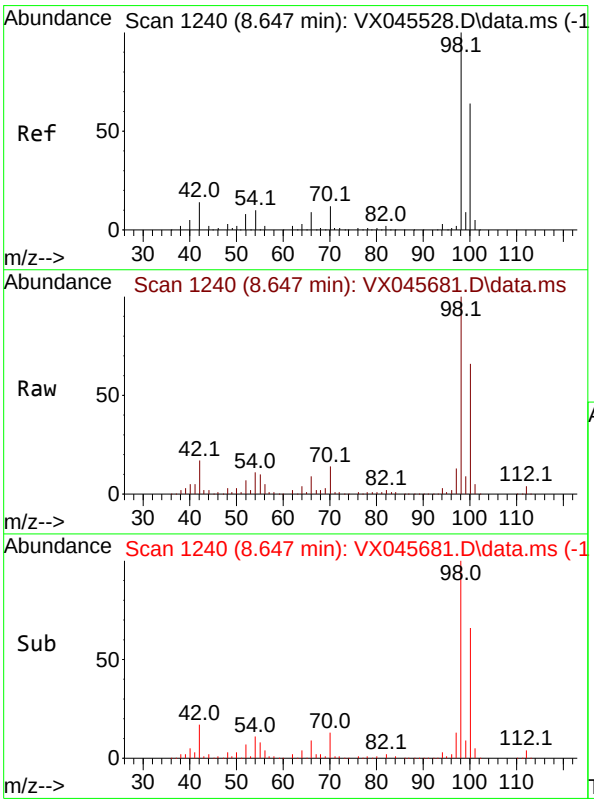
#48
Methyl methacrylate
Concen: 49.769 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.037 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 41 Resp: 63695

Ion	Ratio	Lower	Upper
41	100		
69	125.8	58.2	87.2#
39	56.3	53.6	80.4

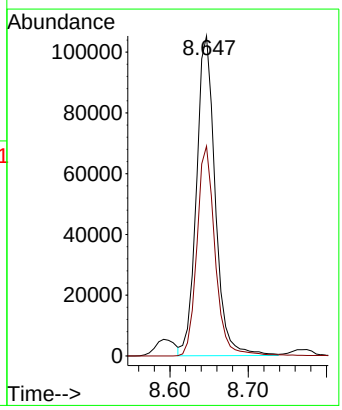


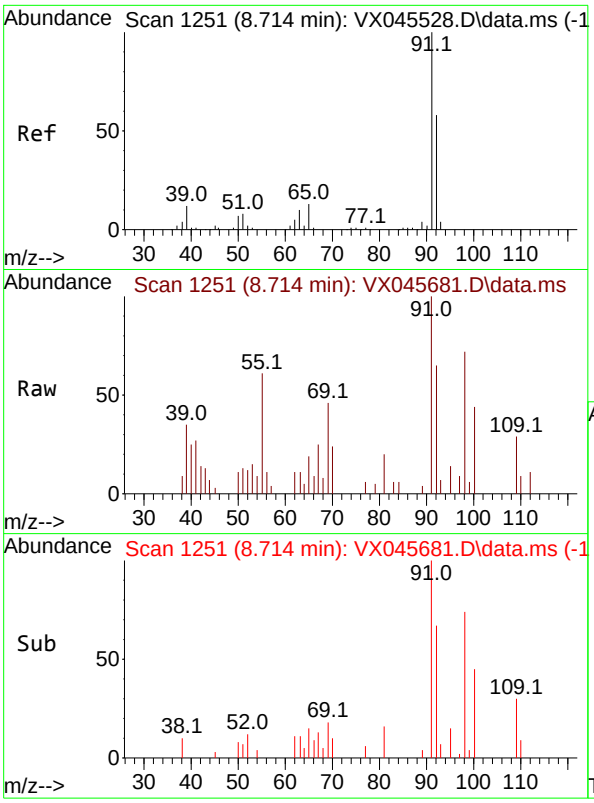


#50
Toluene-d8
Concen: 52.291 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 98 Resp: 175427

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4



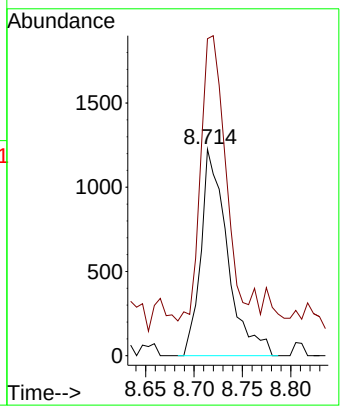


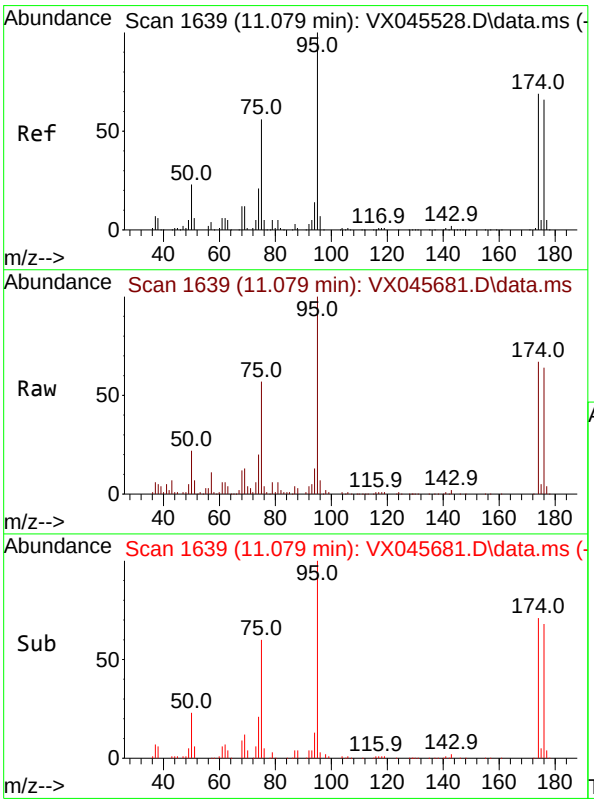
#52
Toluene
Concen: 0.976 ug/l
RT: 8.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 92 Resp: 2340

Ion	Ratio	Lower	Upper
92	100		
91	128.4	138.7	208.1#

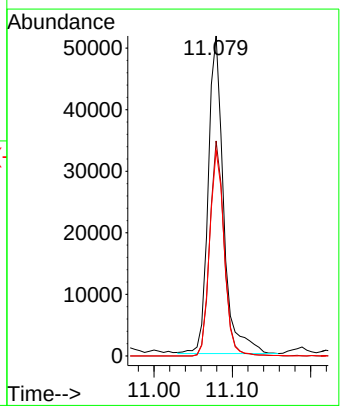


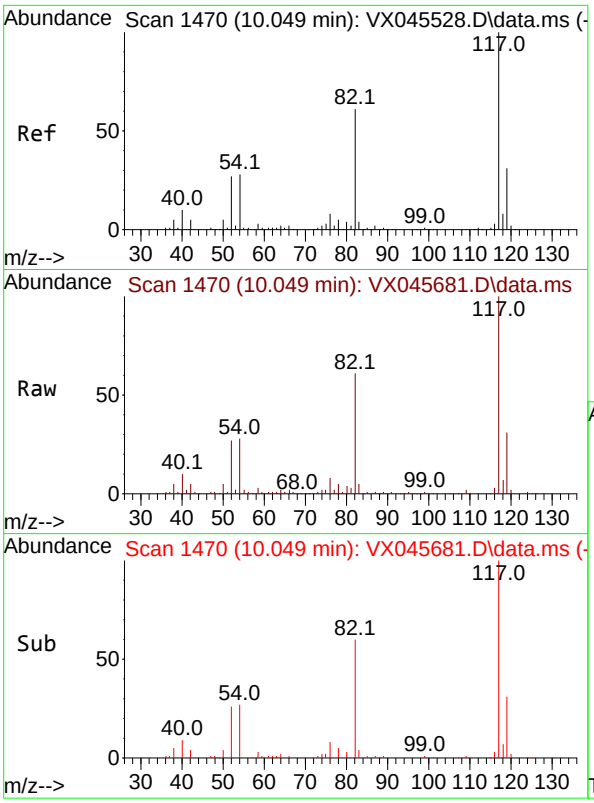


#62
4-Bromofluorobenzene
Concen: 57.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 95 Resp: 70156

Ion	Ratio	Lower	Upper
95	100		
174	62.7	0.0	135.8
176	61.6	0.0	131.4



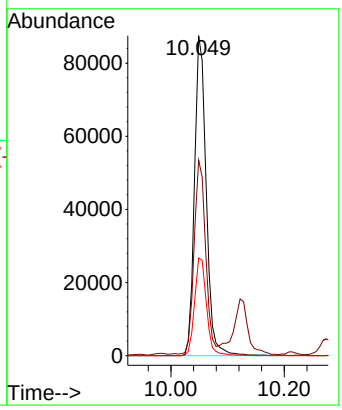


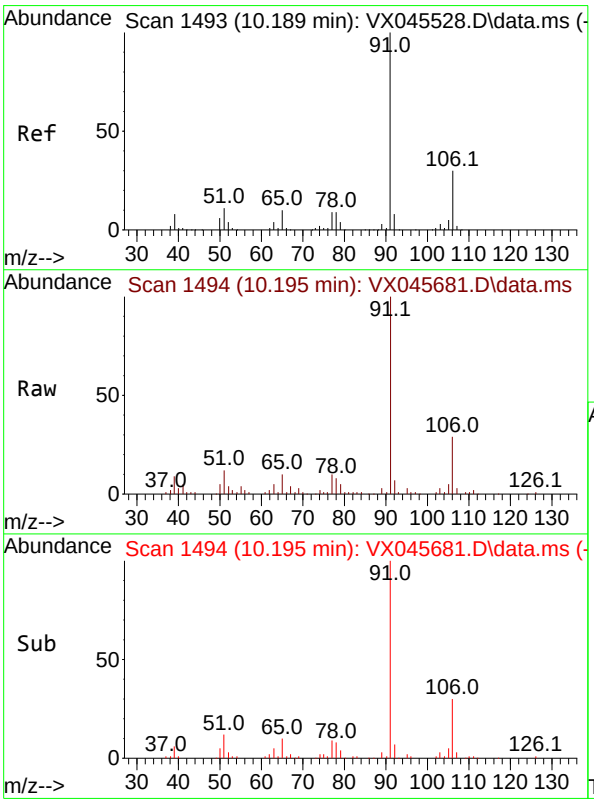
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:117 Resp: 125359

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	30.5	25.1	37.7

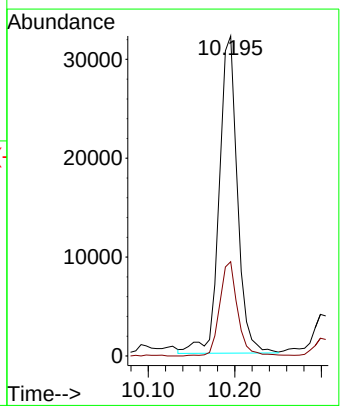


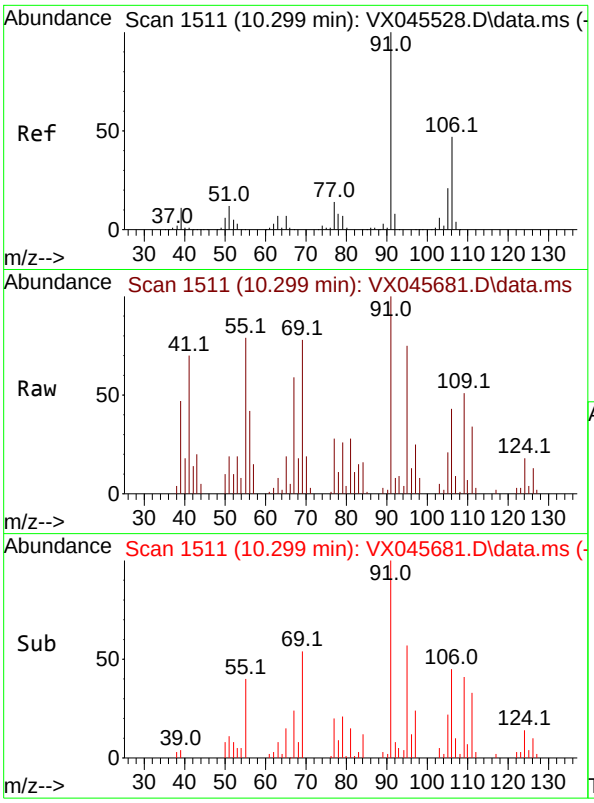


#67
Ethyl Benzene
Concen: 9.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 91 Resp: 46826

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5



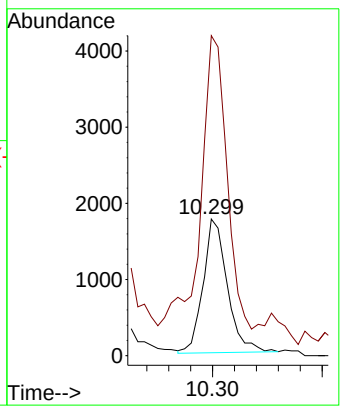


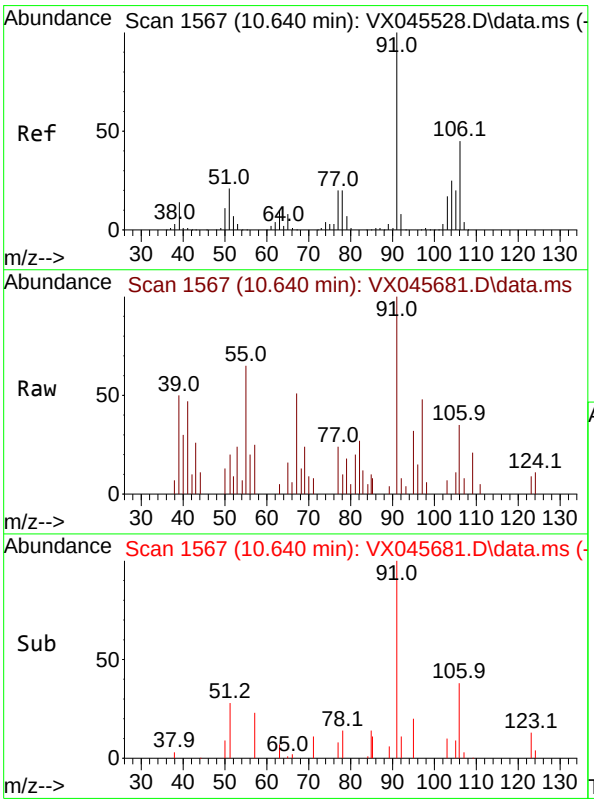
#68
m/p-Xylenes
Concen: 1.543 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:106 Resp: 2692

Ion	Ratio	Lower	Upper
106	100		
91	236.0	172.6	258.8

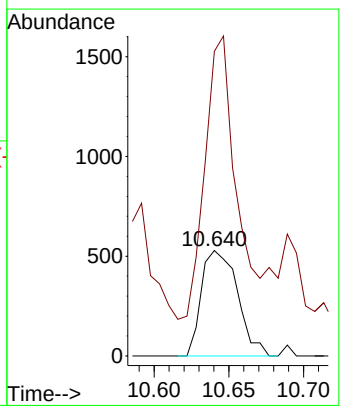


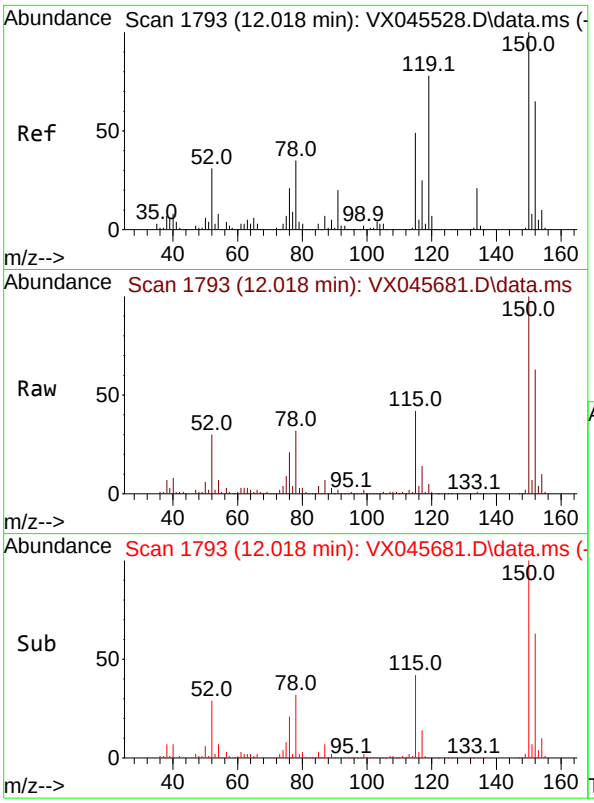


#69
o-Xylene
Concen: 0.516 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:106 Resp: 887

Ion	Ratio	Lower	Upper
106	100		
91	245.3	113.6	340.6



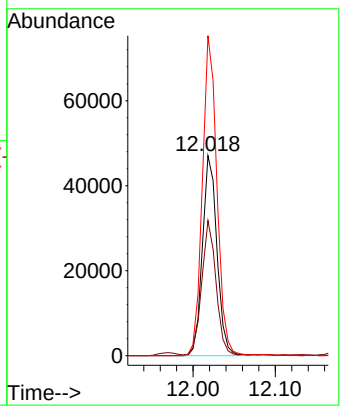


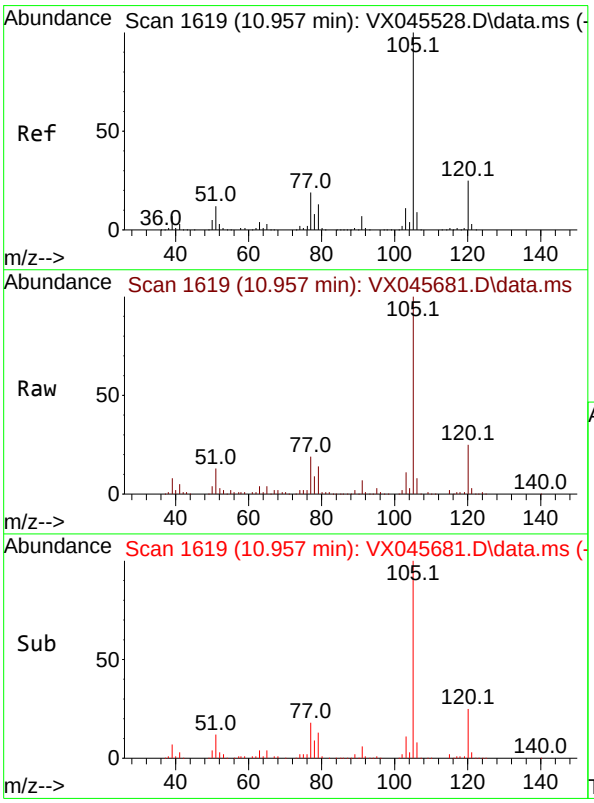
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:152 Resp: 58214

Ion	Ratio	Lower	Upper
152	100		
115	65.4	46.9	140.7
150	158.8	0.0	349.4

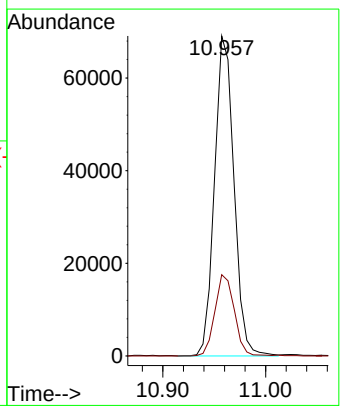


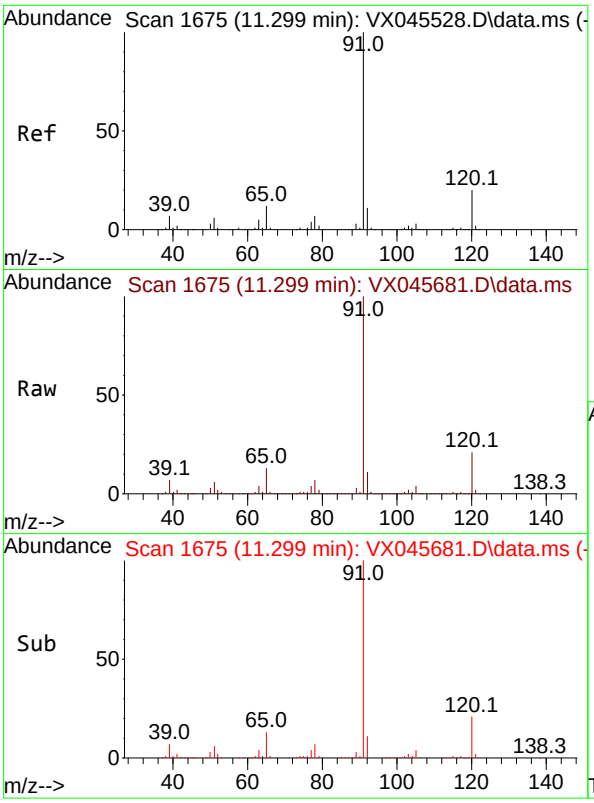


#73
Isopropylbenzene
Concen: 19.479 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:105 Resp: 90832

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.0



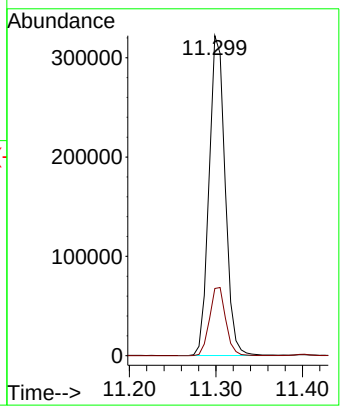


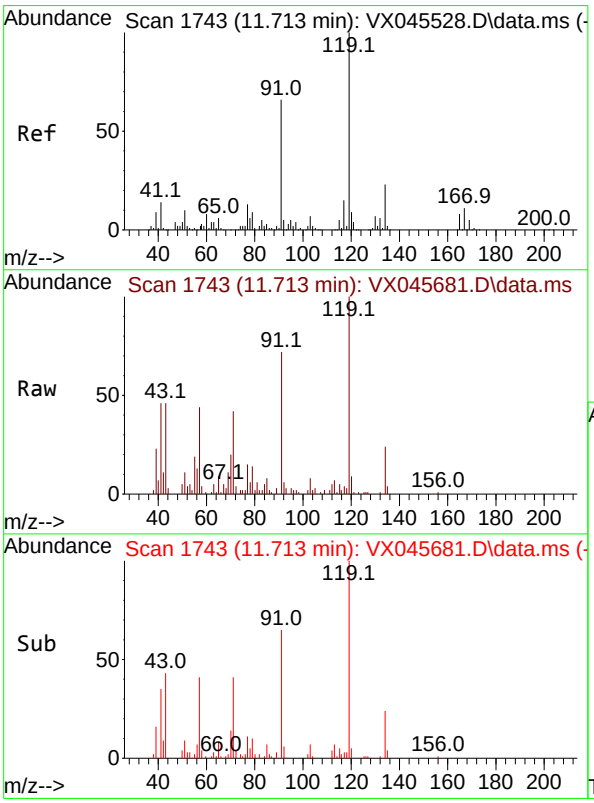
#78
n-propylbenzene
Concen: 77.378 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 415596

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3

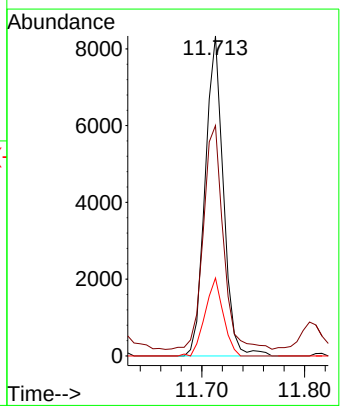


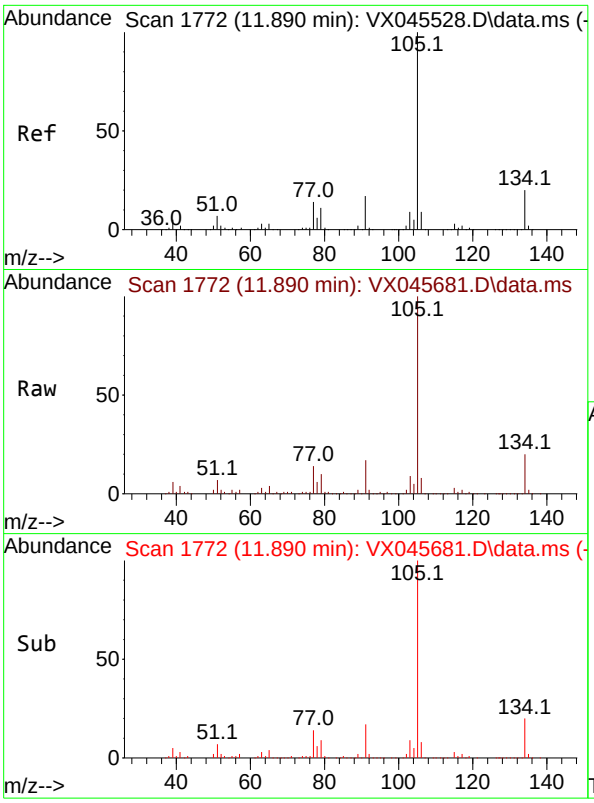


#83
tert-Butylbenzene
Concen: 2.687 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:119 Resp: 10259

Ion	Ratio	Lower	Upper
119	100		
91	76.3	32.4	97.2
134	24.3	11.5	34.5



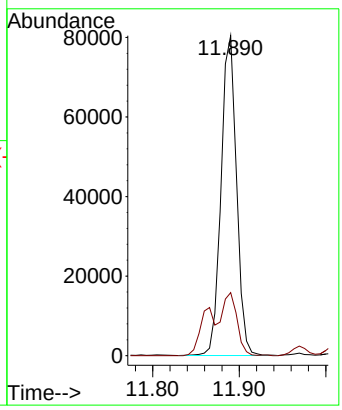


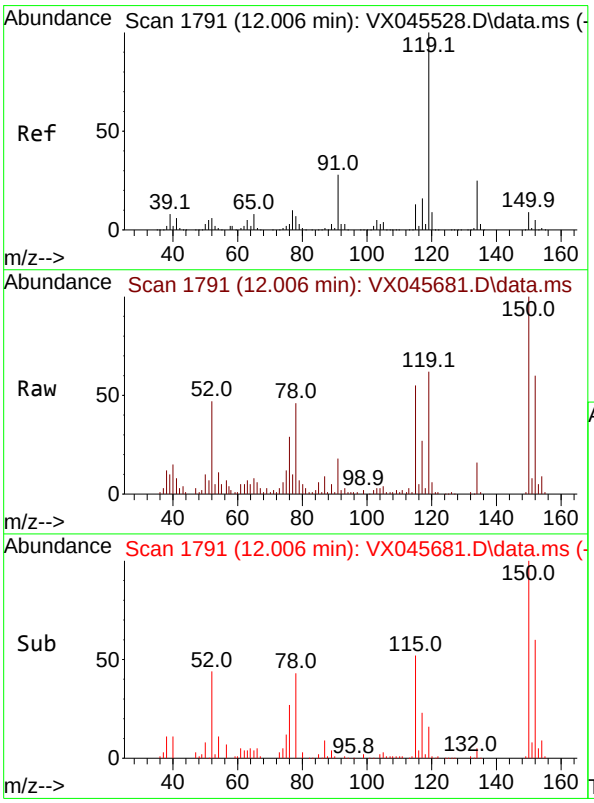
#85
sec-Butylbenzene
Concen: 21.245 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:105 Resp: 99614

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.6	28.6

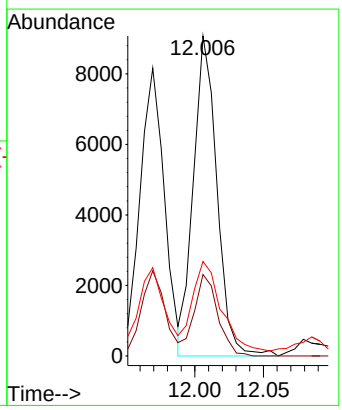


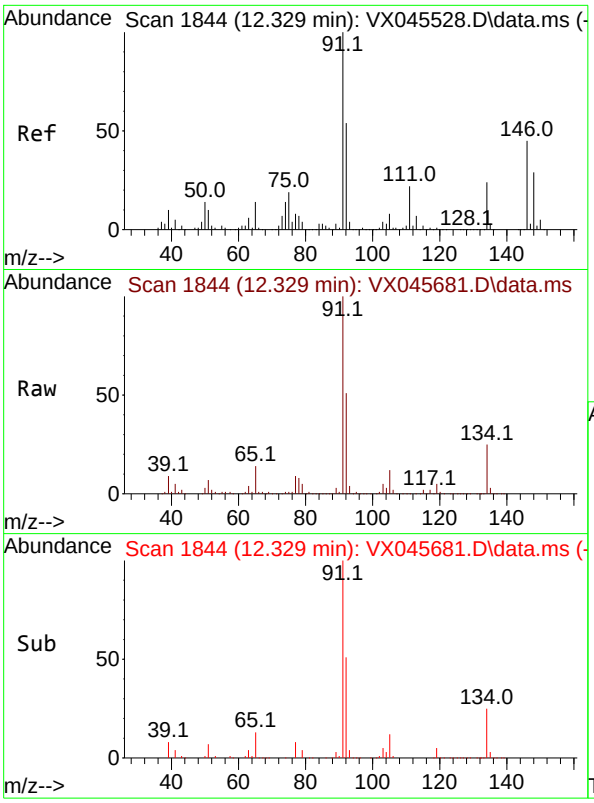


#86
p-Isopropyltoluene
Concen: 2.803 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:119 Resp: 10835

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	33.8	13.7	41.1



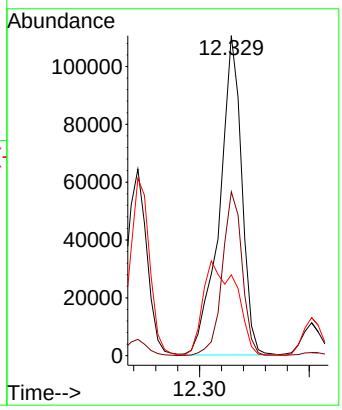


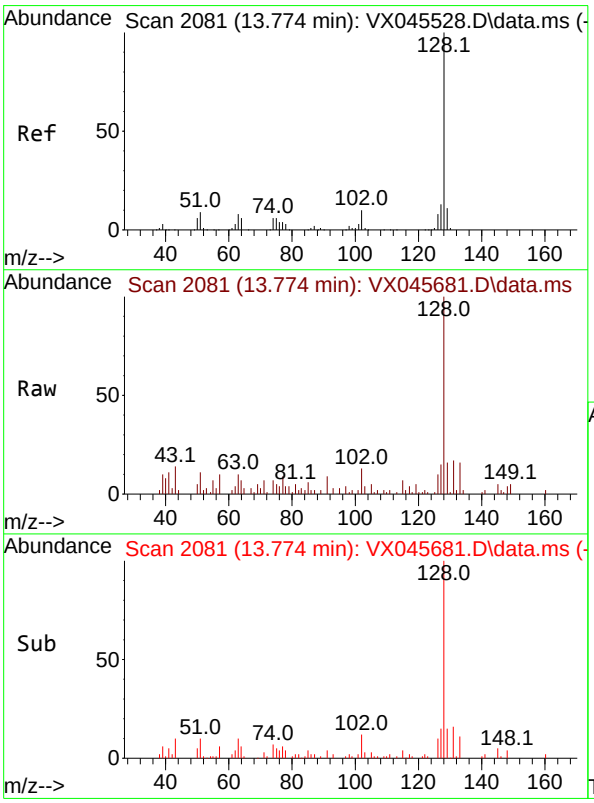
#89
n-Butylbenzene
Concen: 46.435 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 155654

Ion	Ratio	Lower	Upper
91	100		
92	45.9	26.9	80.6
134	44.0	11.9	35.7#

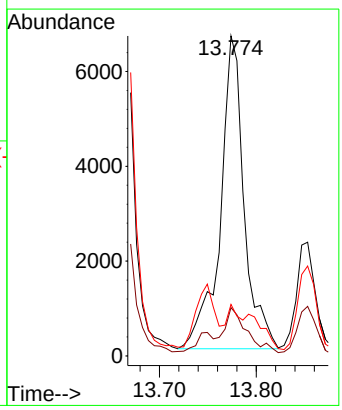




#95
Naphthalene
Concen: 2.801 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:128 Resp: 11315

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	15.6	8.6	12.8#



Sample Results: **VX045681.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.733	100	106	122	rVB	530924	725404	18.60%	1.585%
2	1.941	135	140	154	rVB	327637	479386	12.29%	1.047%
3	2.331	196	204	210	rBV	40293	80191	2.06%	0.175%
4	2.776	269	277	278	rVV	172061	309735	7.94%	0.677%
5	2.819	278	284	309	rVB	891856	2023462	51.89%	4.420%
6	3.093	318	329	349	rBV	569689	1282766	32.90%	2.802%
7	3.434	375	385	401	rBV	418592	962777	24.69%	2.103%
8	3.721	424	432	441	rBV	64431	153621	3.94%	0.336%
9	4.202	502	511	517	rVV2	52423	159935	4.10%	0.349%
10	4.294	517	526	539	rVV	396953	1142571	29.30%	2.496%
11	5.166	647	669	670	rBV6	39933	180692	4.63%	0.395%
12	5.379	690	704	710	rBV3	74078	236966	6.08%	0.518%
13	5.489	710	722	735	rVV5	270419	1405541	36.04%	3.070%
14	5.611	736	742	763	rVB3	184073	661099	16.95%	1.444%
15	5.818	764	776	790	rBV3	389939	1233350	31.63%	2.694%
16	5.952	790	798	808	rVB2	61914	158652	4.07%	0.347%
17	6.153	816	831	840	rBV2	275981	889028	22.80%	1.942%
18	6.251	840	847	855	rVV	249662	693189	17.78%	1.514%
19	6.348	855	863	876	rVB	362500	1040120	26.67%	2.272%
20	6.604	892	905	918	rBV2	170237	429593	11.02%	0.938%
21	6.757	921	930	935	rBV	144143	375272	9.62%	0.820%
22	6.836	936	943	957	rVB3	186886	619278	15.88%	1.353%
23	7.062	972	980	989	rVB	41014	95838	2.46%	0.209%
24	7.165	989	997	1005	rBV3	93484	213906	5.49%	0.467%
25	7.373	1018	1031	1044	rBV	1615336	3899457	100.00%	8.518%
26	7.653	1070	1077	1090	rBV	242927	496117	12.72%	1.084%
27	7.769	1090	1096	1104	rVB	92720	187531	4.81%	0.410%
28	7.879	1104	1114	1121	rBV6	38031	153213	3.93%	0.335%
29	7.952	1121	1126	1131	rVV	71080	121814	3.12%	0.266%
30	8.092	1143	1149	1152	rBV2	54578	98590	2.53%	0.215%
31	8.141	1152	1157	1161	rVV	145907	234328	6.01%	0.512%
32	8.190	1161	1165	1174	rVB4	52468	126404	3.24%	0.276%
33	8.305	1174	1184	1194	rBV5	113050	318591	8.17%	0.696%
34	8.433	1200	1205	1209	rBV	49848	84361	2.16%	0.184%
35	8.500	1211	1216	1225	rVB3	113088	228087	5.85%	0.498%
36	8.598	1225	1232	1235	rBV2	337812	619524	15.89%	1.353%

Sample Results: **VX045681.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

37	8.641	1235	1239	1250	rVB2	364846	714829	18.33%	1.561%
38	8.769	1250	1260	1264	rBV	153879	305061	7.82%	0.666%
39	8.842	1269	1272	1278	rVB2	84698	135734	3.48%	0.296%
40	8.921	1278	1285	1289	rBV2	141770	250470	6.42%	0.547%
41	8.970	1289	1293	1299	rBV	204070	312464	8.01%	0.683%
42	9.098	1306	1314	1319	rBV2	161141	303530	7.78%	0.663%
43	9.159	1319	1324	1334	rVB2	250349	440153	11.29%	0.961%
44	9.427	1364	1368	1370	rBV	65435	95620	2.45%	0.209%
45	9.458	1370	1373	1376	rVV	81026	113762	2.92%	0.248%
46	9.500	1376	1380	1385	rVV4	121413	245559	6.30%	0.536%
47	9.561	1385	1390	1394	rVV	253392	379016	9.72%	0.828%
48	9.604	1394	1397	1402	rVV2	124597	212831	5.46%	0.465%
49	9.756	1416	1422	1428	rBV2	70055	129153	3.31%	0.282%
50	10.049	1466	1470	1475	rVV	292231	400287	10.27%	0.874%
51	10.122	1479	1482	1485	rVV	100256	148175	3.80%	0.324%
52	10.195	1490	1494	1501	rVV	76886	130737	3.35%	0.286%
53	10.275	1501	1507	1509	rVV2	50352	86272	2.21%	0.188%
54	10.585	1551	1558	1565	rVB3	49356	104688	2.68%	0.229%
55	10.774	1582	1589	1592	rBV2	71662	120576	3.09%	0.263%
56	10.957	1615	1619	1623	rBV	190032	255789	6.56%	0.559%
57	11.079	1634	1639	1644	rBV	267463	363096	9.31%	0.793%
58	11.299	1670	1675	1685	rVB	676592	869182	22.29%	1.899%
59	11.610	1722	1726	1734	rVB2	56648	86495	2.22%	0.189%
60	11.860	1761	1767	1769	rBV	139500	182591	4.68%	0.399%
61	11.890	1769	1772	1777	rVB	202714	250115	6.41%	0.546%
62	12.018	1788	1793	1799	rVV	335291	433656	11.12%	0.947%
63	12.177	1814	1819	1824	rVB	59090	81403	2.09%	0.178%
64	12.244	1824	1830	1836	rBV	1061165	1338908	34.34%	2.925%
65	12.311	1836	1841	1843	rBV	371383	518035	13.28%	1.132%
66	12.402	1851	1856	1862	rBV	148097	181646	4.66%	0.397%
67	12.463	1862	1866	1872	rVB	62739	82505	2.12%	0.180%
68	12.609	1882	1890	1894	rBV	1707581	2123023	54.44%	4.637%
69	12.640	1894	1895	1900	rVB	275852	253038	6.49%	0.553%
70	12.695	1900	1904	1912	rBV2	727956	1120232	28.73%	2.447%
71	12.835	1923	1927	1932	rVB3	70117	103547	2.66%	0.226%
72	12.920	1932	1941	1947	rBV	948536	1196781	30.69%	2.614%
73	13.024	1954	1958	1966	rVV2	143500	221858	5.69%	0.485%
74	13.134	1973	1976	1978	rVV	114796	150233	3.85%	0.328%
75	13.164	1978	1981	1992	rVV	621149	839822	21.54%	1.834%
76	13.256	1992	1996	1997	rVV2	96994	103238	2.65%	0.226%

Sample Results: **VX045681.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

77	13.286	1997	2001	2008	rVV2	1217953	1832918	47.00%	4.004%
78	13.365	2012	2014	2020	rVV2	115094	179520	4.60%	0.392%
79	13.420	2020	2023	2031	rVB	84587	123285	3.16%	0.269%
80	13.506	2032	2037	2039	rBV	127128	164327	4.21%	0.359%
81	13.542	2039	2043	2046	rVV	325460	447964	11.49%	0.978%
82	13.579	2046	2049	2053	rVV2	330189	479368	12.29%	1.047%
83	13.640	2053	2059	2060	rVV2	156552	250204	6.42%	0.547%
84	13.658	2060	2062	2071	rVV2	304082	474614	12.17%	1.037%
85	13.847	2088	2093	2099	rVB2	103744	156539	4.01%	0.342%
86	13.926	2099	2106	2110	rBV2	185799	284248	7.29%	0.621%
87	13.969	2110	2113	2117	rVB2	99715	114463	2.94%	0.250%
88	14.073	2125	2130	2134	rBV	215824	266527	6.83%	0.582%
89	14.213	2148	2153	2163	rBV2	209137	413446	10.60%	0.903%
90	14.316	2166	2170	2175	rVV	84153	117982	3.03%	0.258%
91	14.371	2175	2179	2183	rVB	138215	167136	4.29%	0.365%
92	14.475	2192	2196	2202	rBV2	139897	209766	5.38%	0.458%
93	14.633	2214	2222	2227	rBV	456489	636111	16.31%	1.389%
94	14.774	2240	2245	2251	rBV	385098	527506	13.53%	1.152%
95	15.371	2338	2343	2346	rBV	71955	105520	2.71%	0.230%
96	15.475	2354	2360	2373	rVV	197403	336295	8.62%	0.735%
97	15.609	2373	2382	2386	rVV	282088	469441	12.04%	1.025%
98	15.646	2386	2388	2397	rVV	138479	206787	5.30%	0.452%
99	15.834	2409	2419	2434	rVV2	78593	214959	5.51%	0.470%
100	15.987	2437	2444	2456	rVB2	48674	97748	2.51%	0.214%

Sum of corrected areas: 45781173

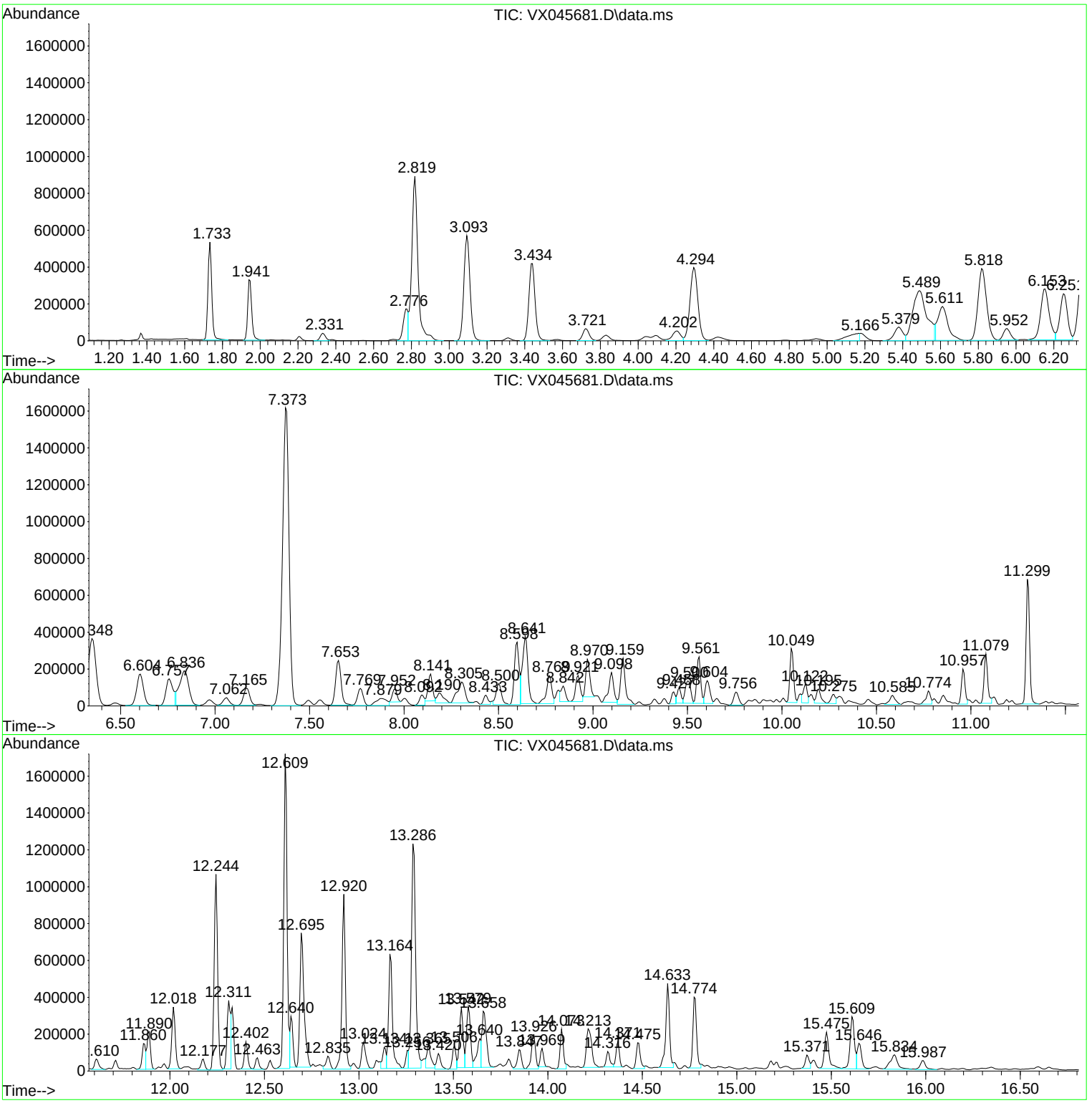
Sample Results: **VX045681.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

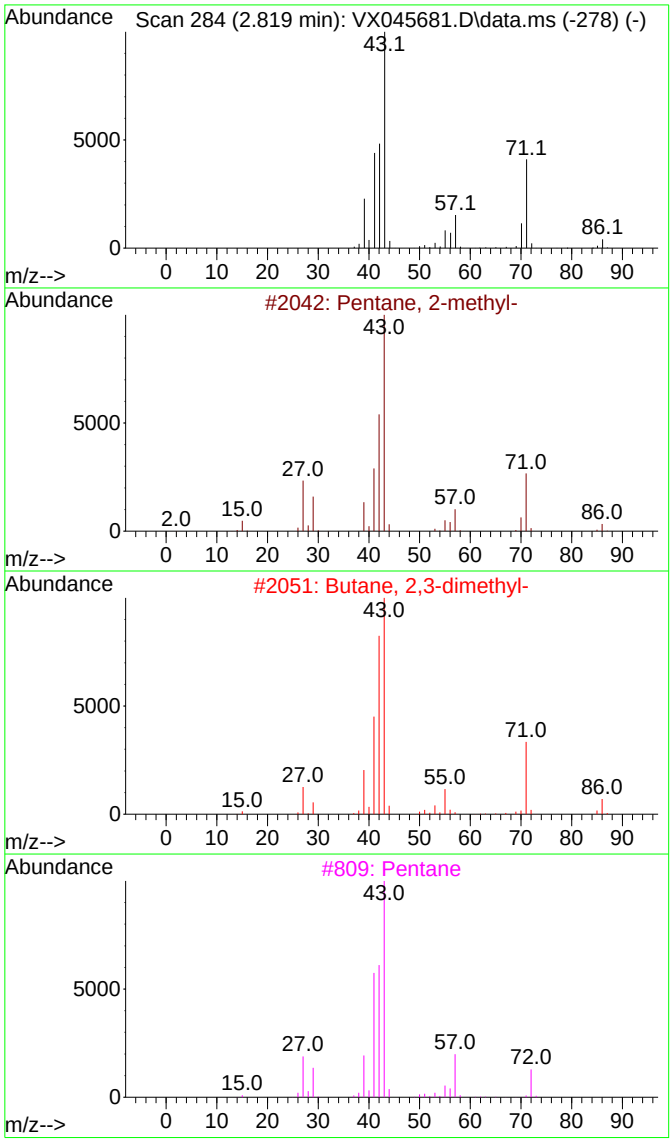
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

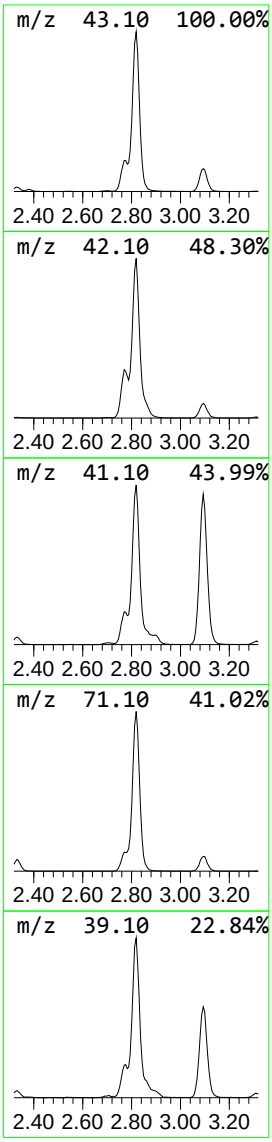
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	153.04 ug/l	2023460	Pentafluorobenzene	5.550

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	49
3	Pentane	72	C5H12	000109-66-0	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

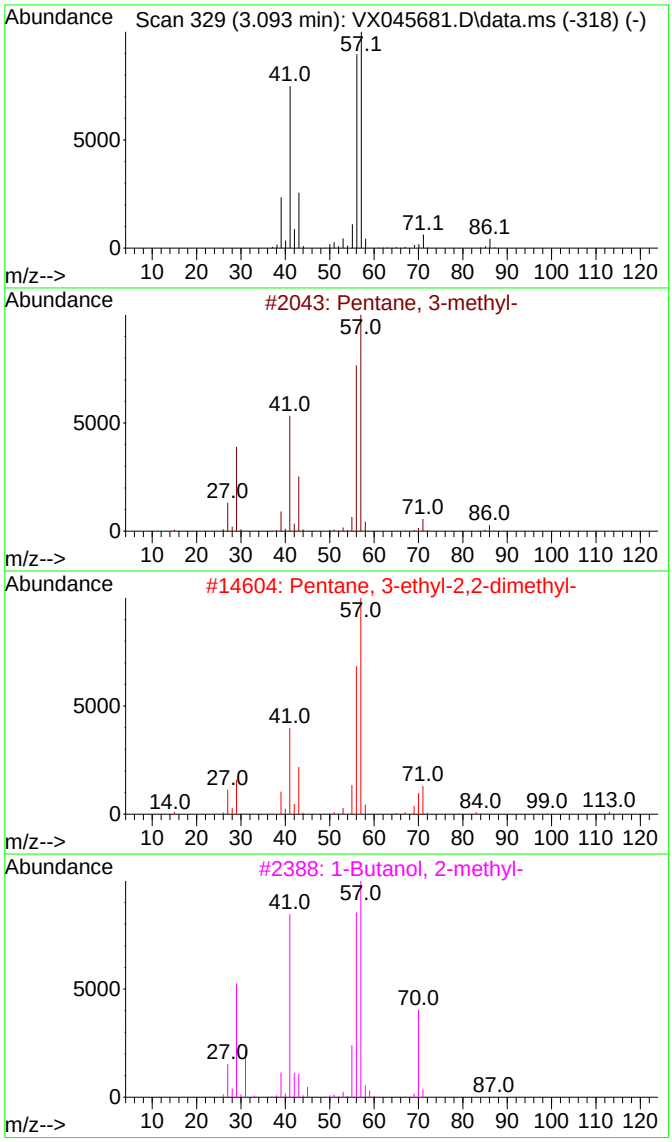
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

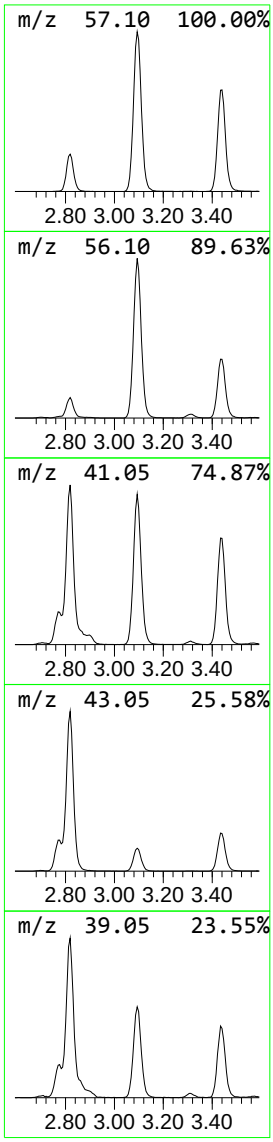
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	97.02 ug/l	1282770	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

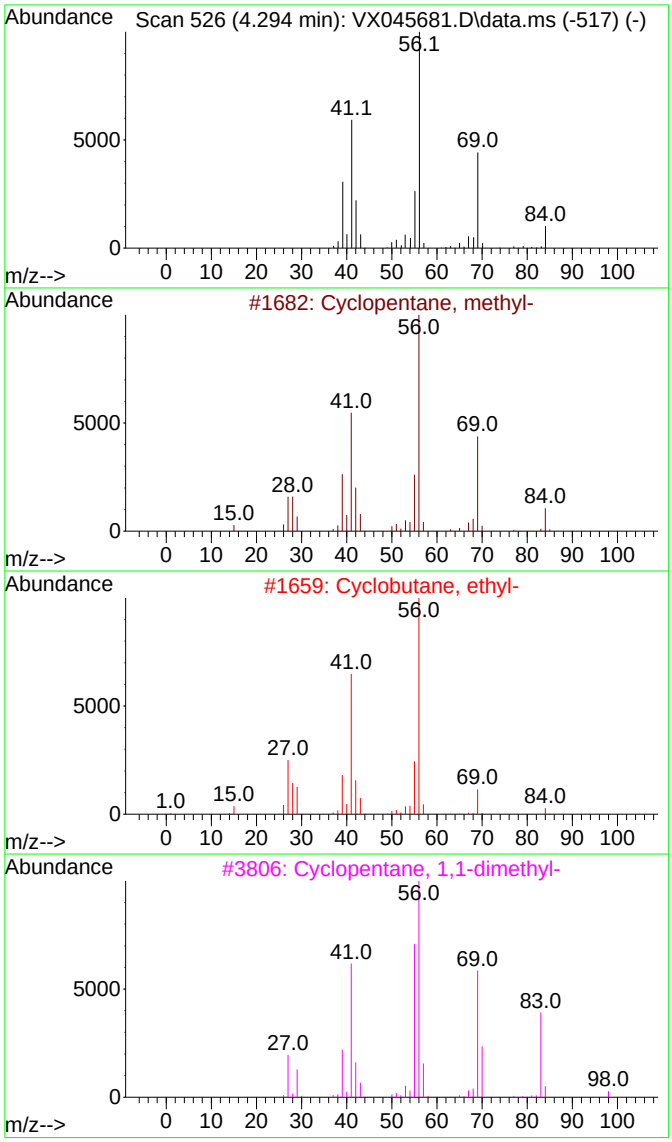
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

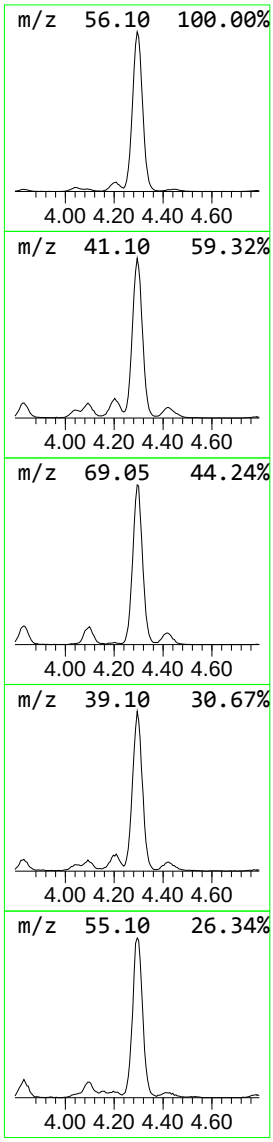
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	86.41 ug/l	1142570	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

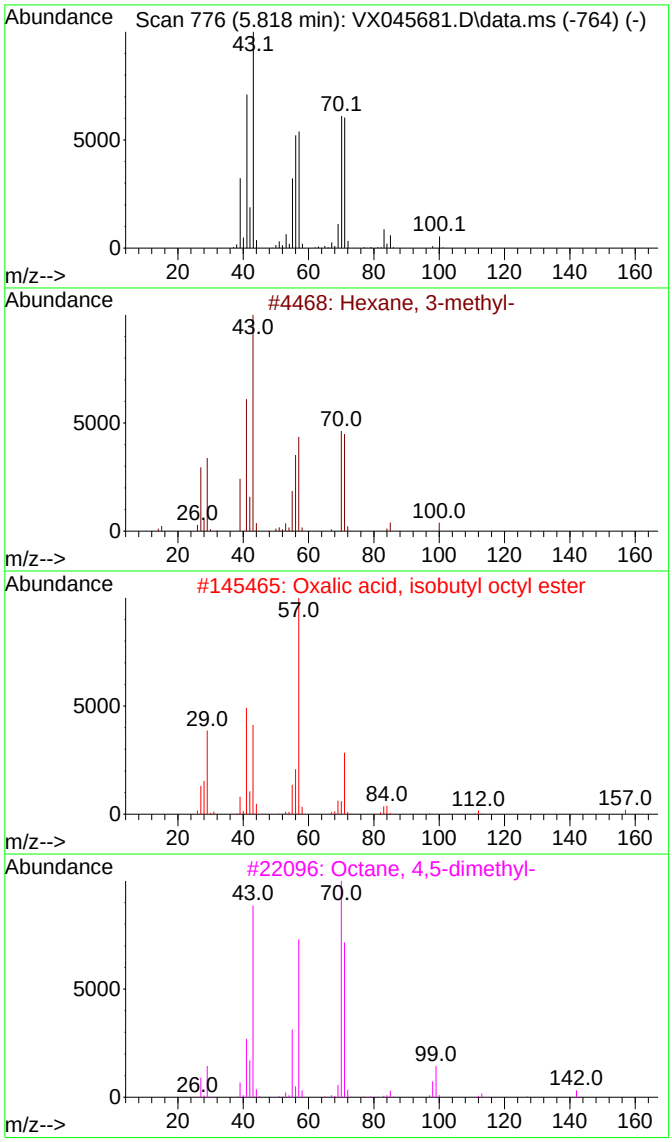
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

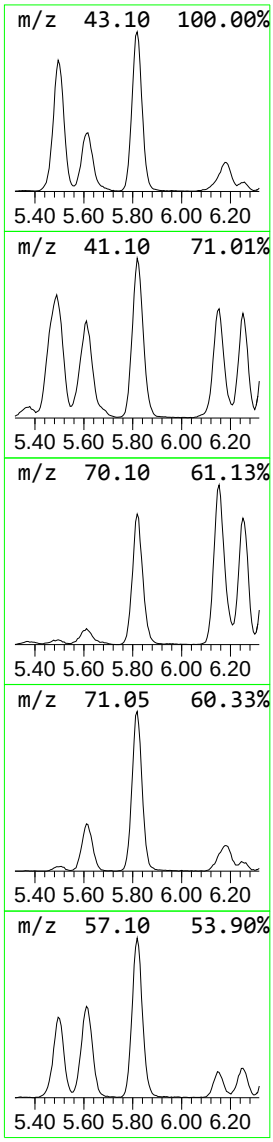
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	93.28 ug/l	1233350	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Heptane	100	C7H16	000142-82-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

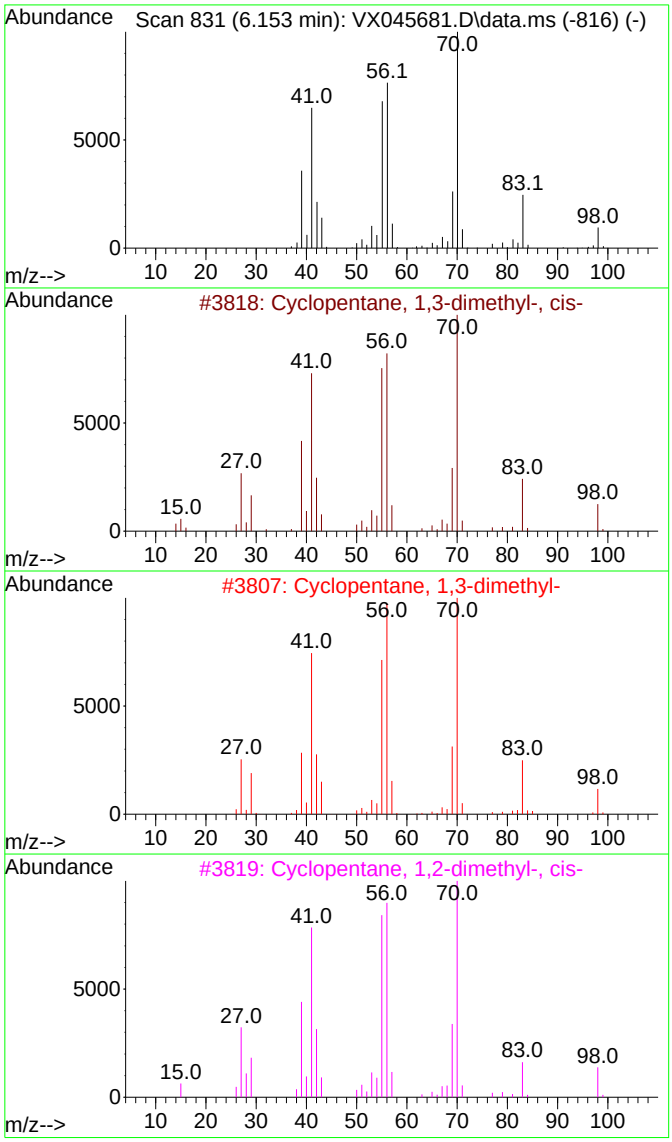
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

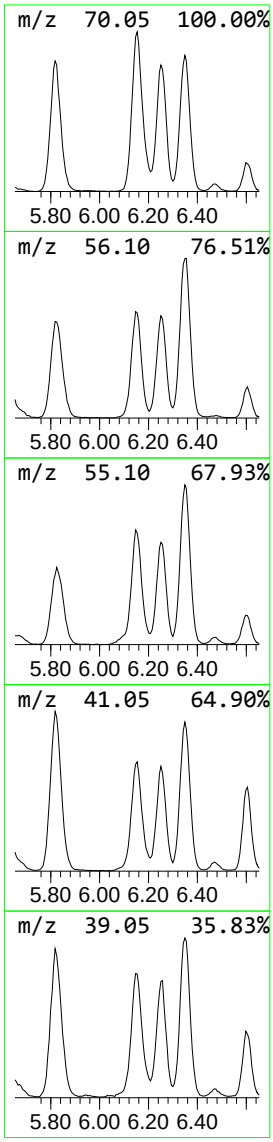
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.153	118.45 ug/l	889028	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	97
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

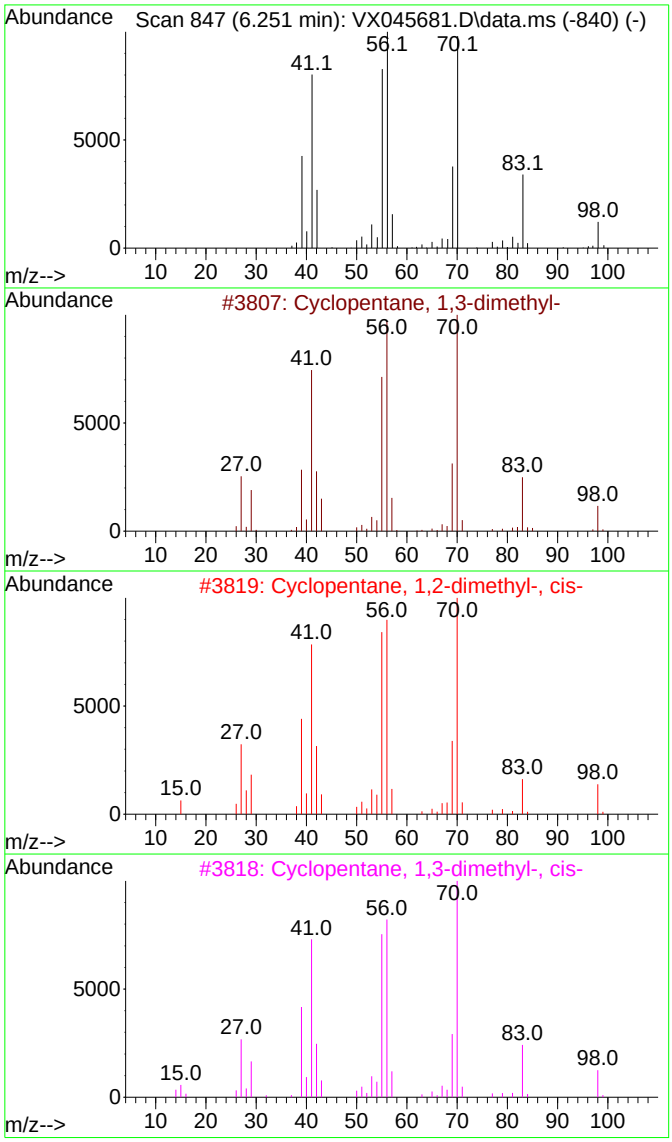
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

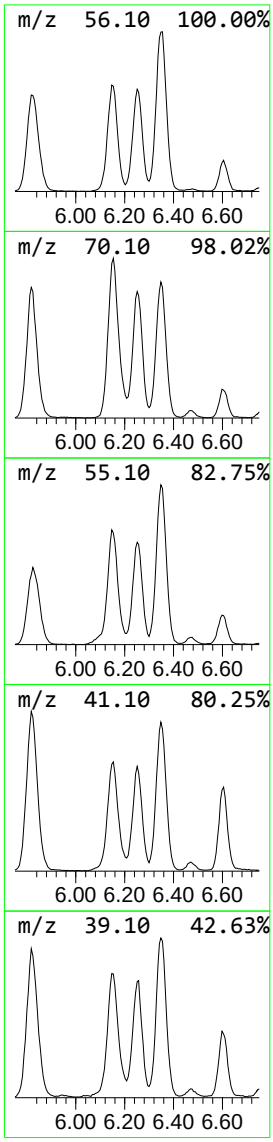
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	92.36 ug/l	693189	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81
5	1-Heptene	98	C7H14	000592-76-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

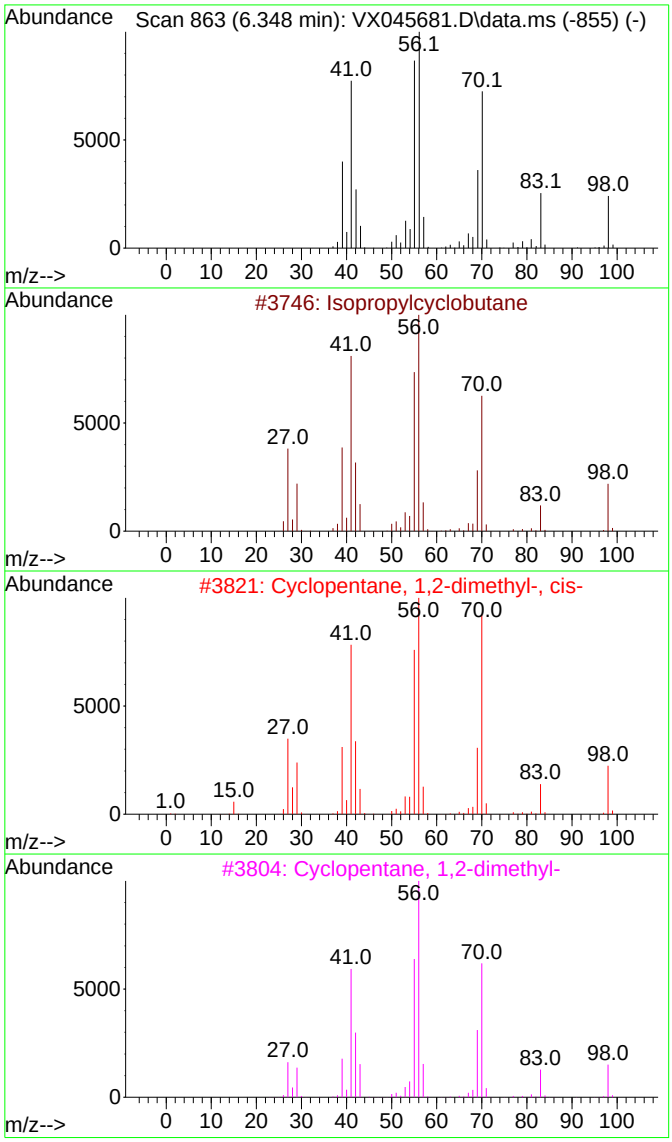
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

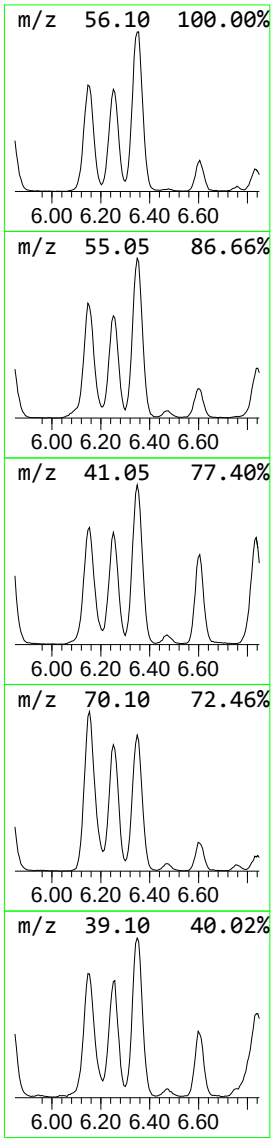
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.348	138.58 ug/l	1040120	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	95
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5	Cycloheptane	98	C7H14	000291-64-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

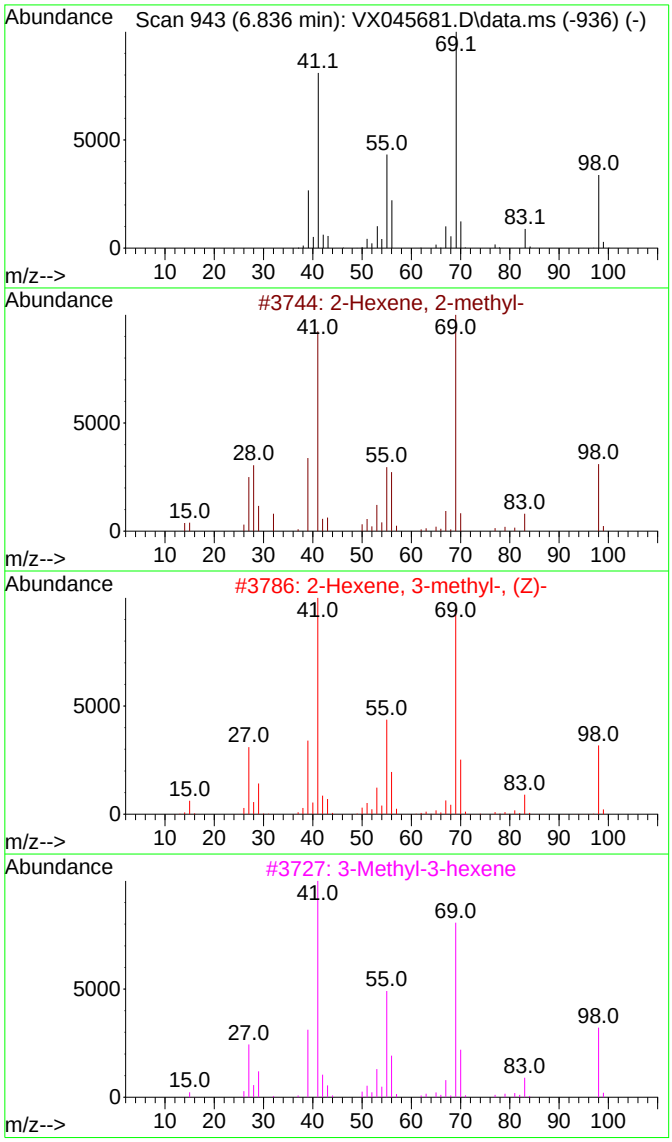
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

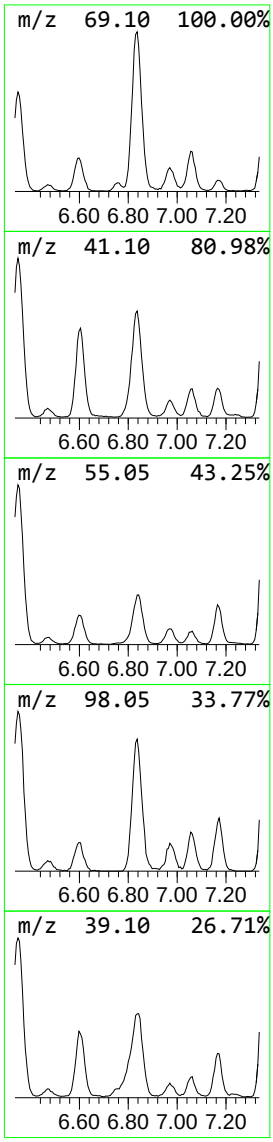
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Hexene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	82.51 ug/l	619278	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	91
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	91
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	86
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

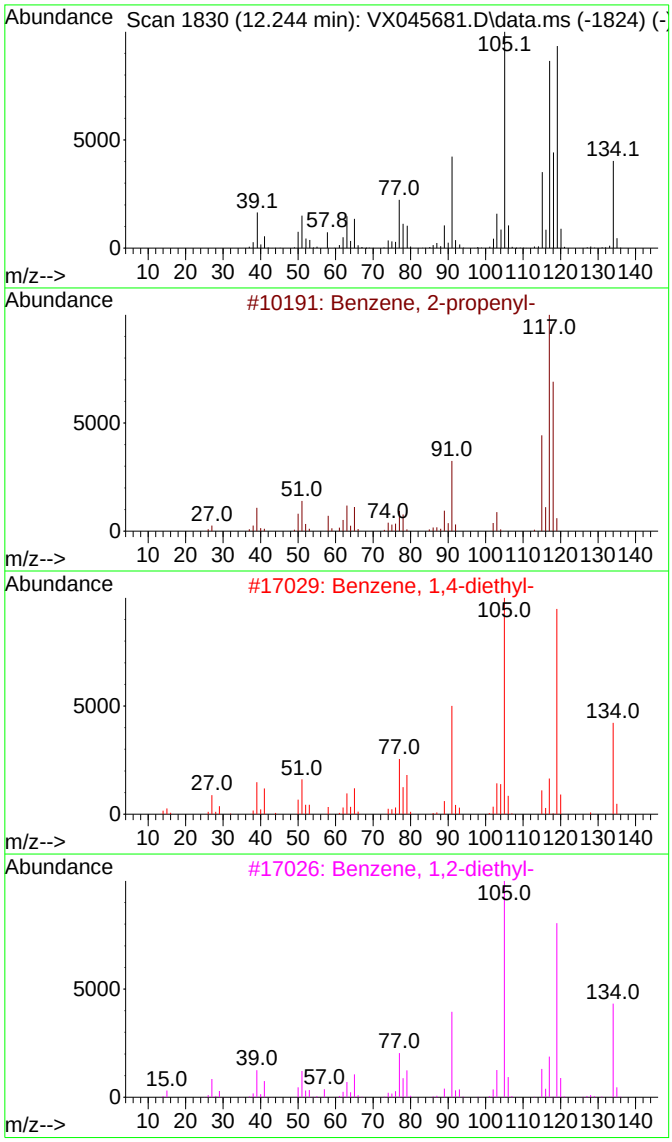
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

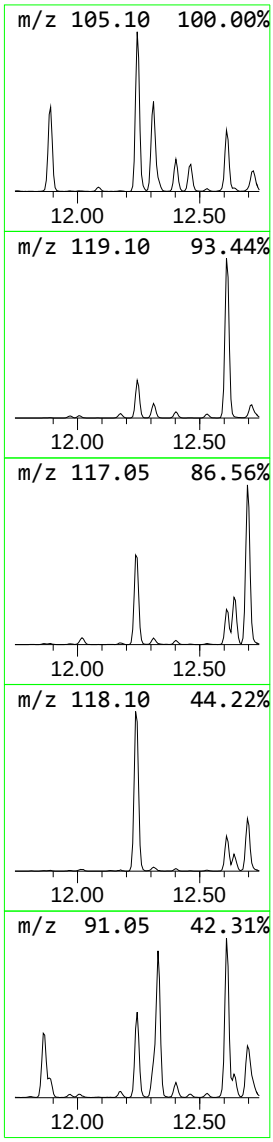
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	154.37 ug/l	1338910	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, 1,4-diethyl-	134	C10H14	000105-05-5	60
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Deltacyclene	118	C9H10	007785-10-6	55
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

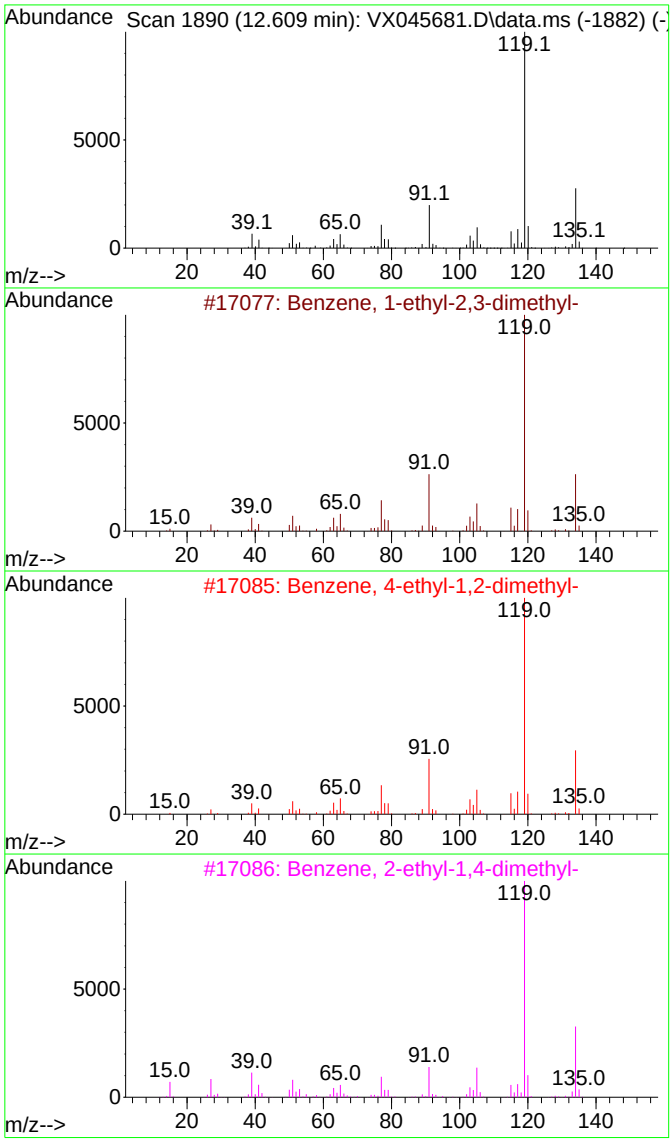
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

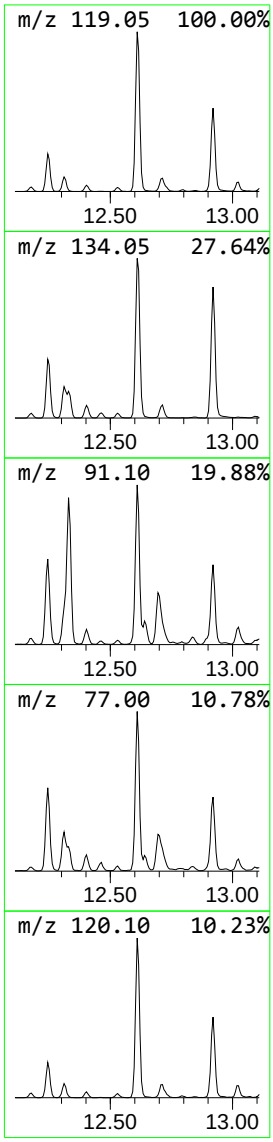
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	244.78 ug/l	2123020	1,4-Dichlorobenzene-d4	12.018

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

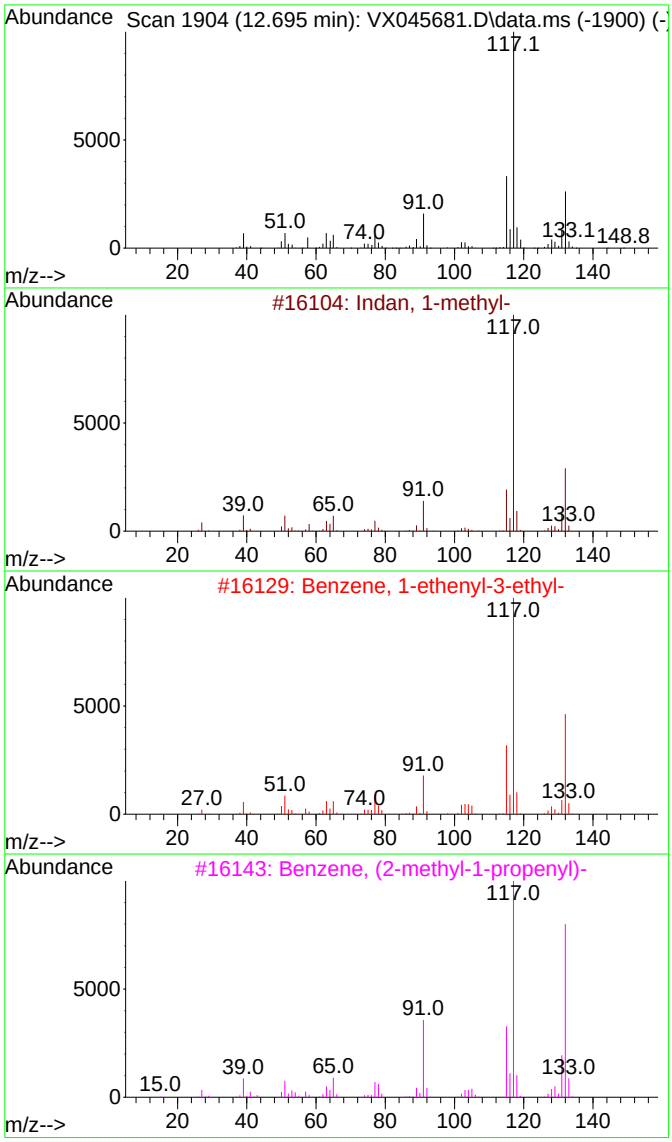
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

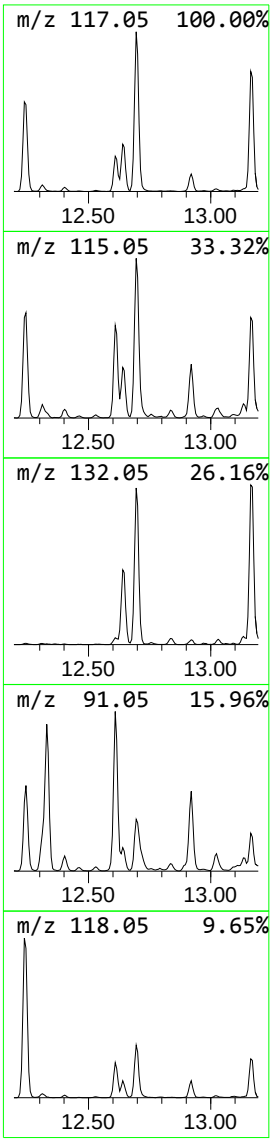
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	129.16 ug/l	1120230	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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

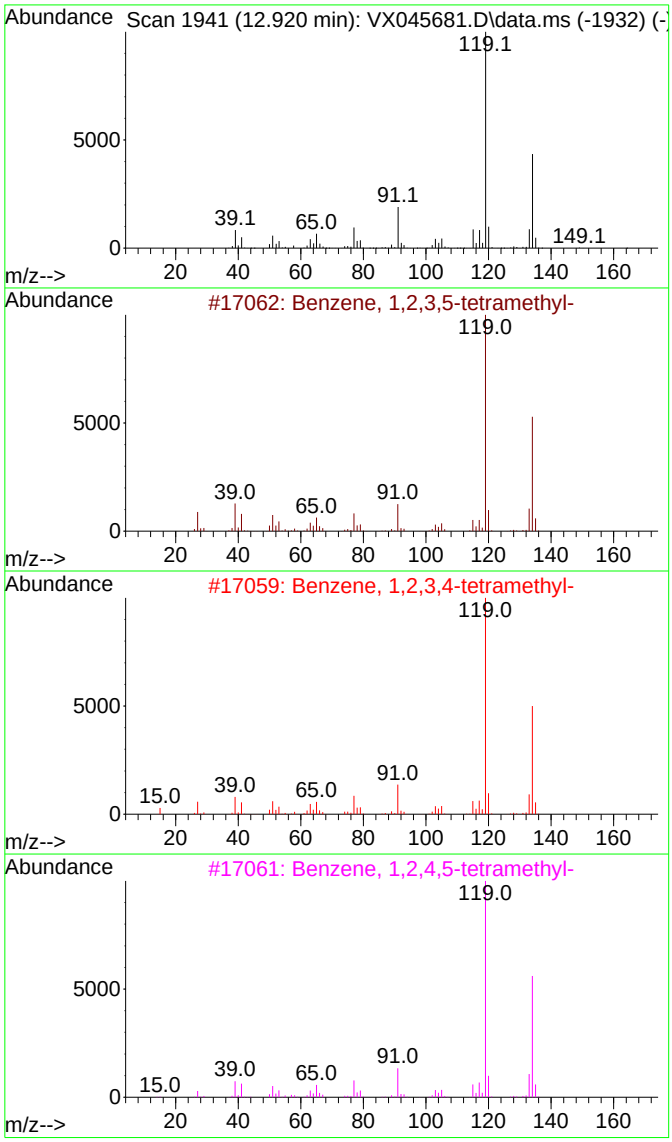
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

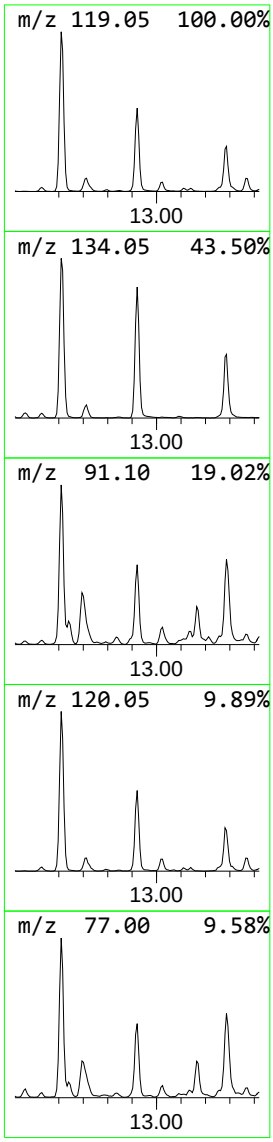
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	137.99 ug/l	1196780	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	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

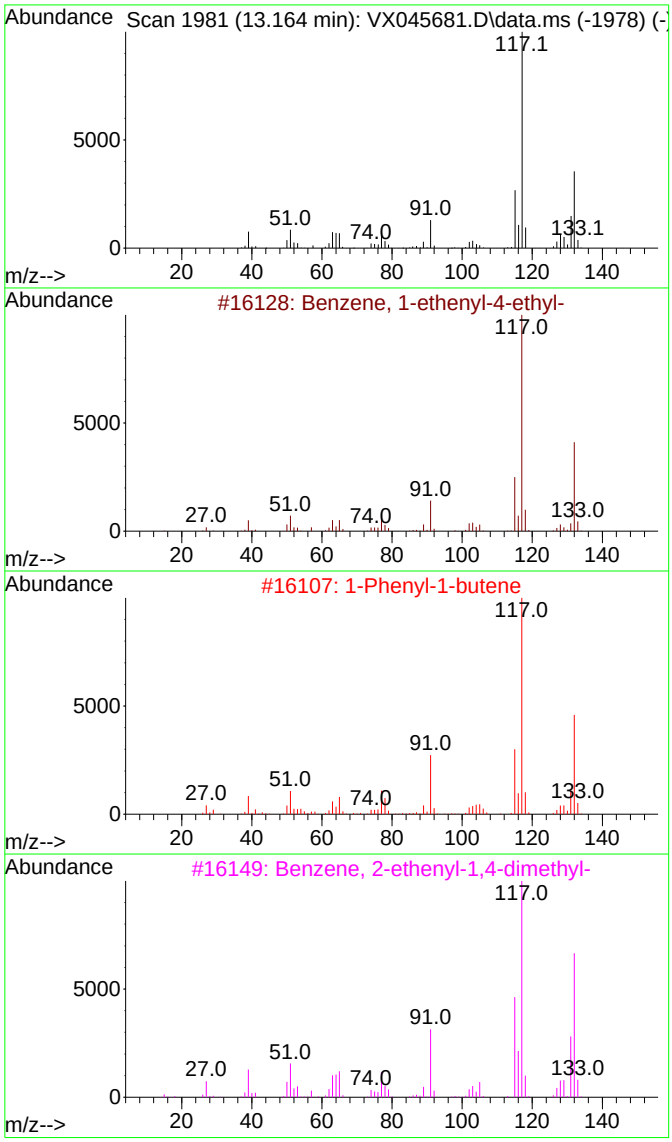
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

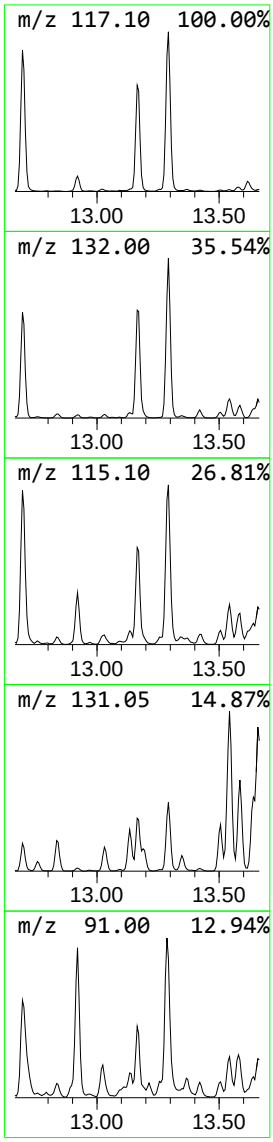
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	96.83 ug/l	839822	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	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	91
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

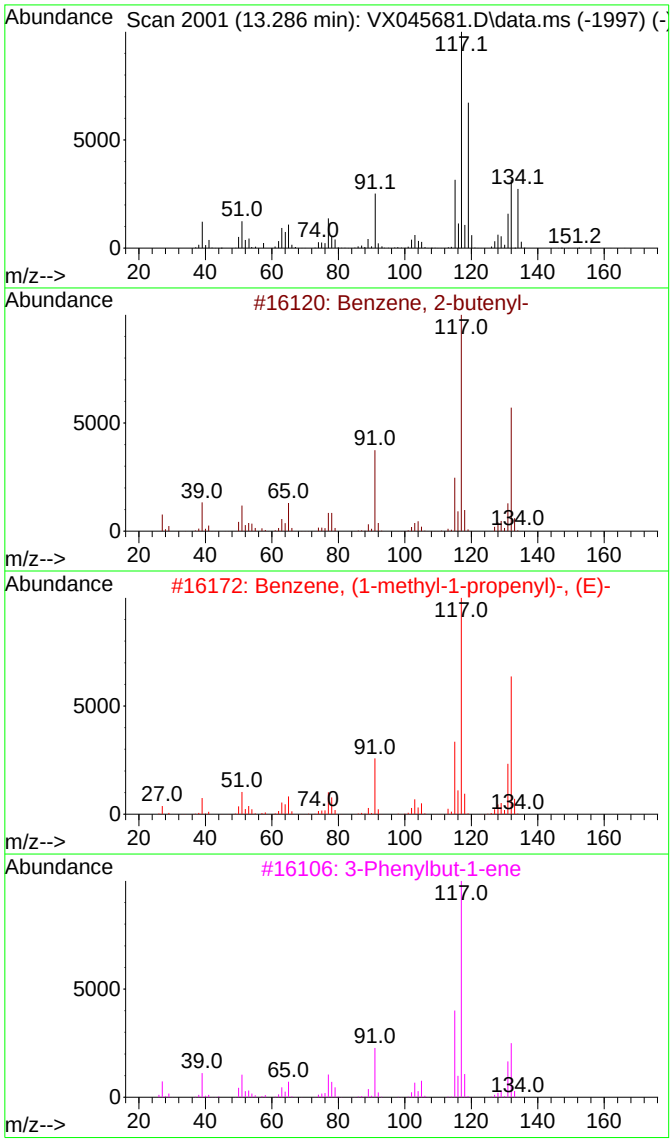
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

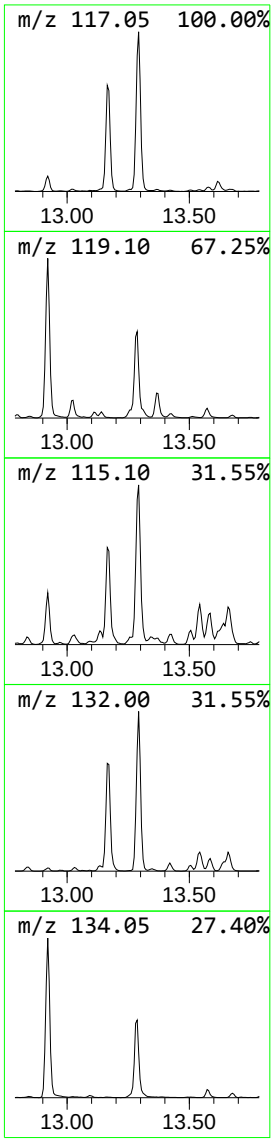
****

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	211.33 ug/l	1832920	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

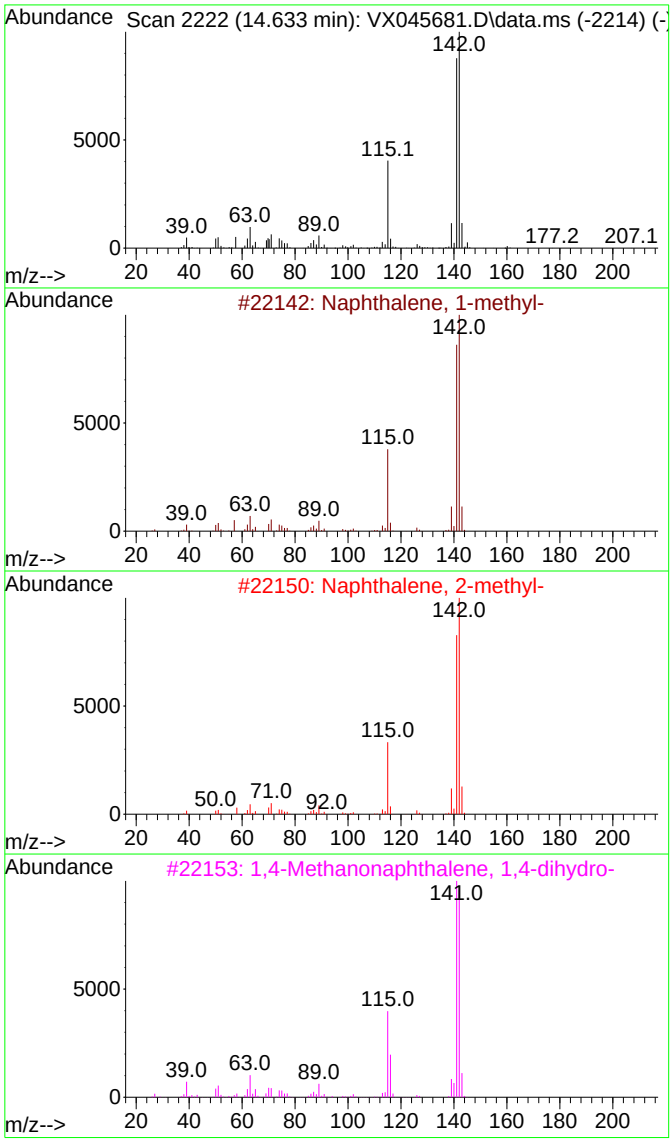
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

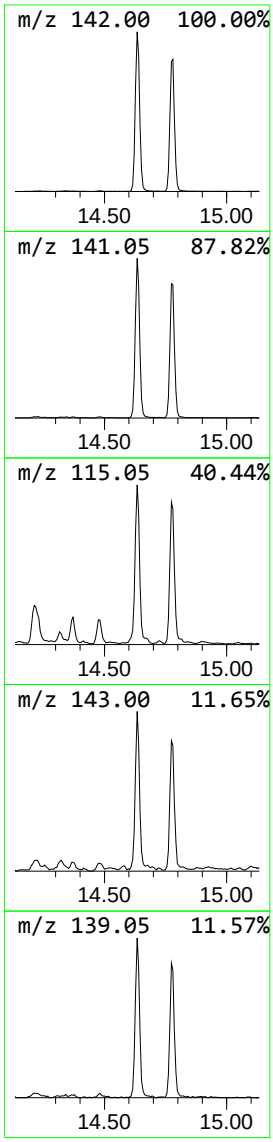
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	73.34 ug/l	636111	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-methyl-	2.819	153.0	ug/l	2023460	1	5.550	661099	50.0
Pentane, 3-methyl-	3.093	97.0	ug/l	1282770	1	5.550	661099	50.0
Cyclopentane, m...	4.294	86.4	ug/l	1142570	1	5.550	661099	50.0
Hexane, 3-methyl-	5.818	93.3	ug/l	1233350	1	5.550	661099	50.0
Cyclopentane, 1...	6.153	118.5	ug/l	889028	2	6.757	375272	50.0
Cyclopentane, 1...	6.251	92.4	ug/l	693189	2	6.757	375272	50.0
Isopropylcyclob...	6.348	138.6	ug/l	1040120	2	6.757	375272	50.0
2-Hexene, 2-met...	6.836	82.5	ug/l	619278	2	6.757	375272	50.0
Benzene, 2-prop...	12.244	154.4	ug/l	1338910	4	12.018	433656	50.0
Benzene, 1-ethy...	12.610	244.8	ug/l	2123020	4	12.018	433656	50.0
Indan, 1-methyl-	12.695	129.2	ug/l	1120230	4	12.018	433656	50.0
Benzene, 1,2,3,...	12.920	138.0	ug/l	1196780	4	12.018	433656	50.0
Benzene, 1-ethe...	13.164	96.8	ug/l	839822	4	12.018	433656	50.0
Benzene, 2-bute...	13.286	211.3	ug/l	1832920	4	12.018	433656	50.0
Naphthalene, 1-...	14.634	73.3	ug/l	636111	4	12.018	433656	50.0

Raw Data: **VX045717.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.60	UD	1.60	25.0	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	25.0	ug/L
74-83-9	Bromomethane	7.20	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	25.0	ug/L
67-64-1	Acetone	19.0	JD	7.60	130	ug/L
75-15-0	Carbon Disulfide	1.10	UD	1.10	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	1.40	UD	1.40	25.0	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	110	D	7.30	25.0	ug/L
78-93-3	2-Butanone	4.90	UD	4.90	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	25.0	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	25.0	ug/L
108-87-2	Methylcyclohexane	450	D	0.80	25.0	ug/L
71-43-2	Benzene	0.75	UD	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	25.0	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	25.0	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	25.0	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	130	ug/L
108-88-3	Toluene	0.70	UD	0.70	25.0	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	25.0	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	25.0	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	25.0	ug/L
100-41-4	Ethyl Benzene	12.1	JD	0.65	25.0	ug/L
179601-23-1	m/p-Xylenes	1.20	UD	1.20	50.0	ug/L
95-47-6	o-Xylene	0.60	UD	0.60	25.0	ug/L
100-42-5	Styrene	0.75	UD	0.75	25.0	ug/L
75-25-2	Bromoform	0.95	UD	0.95	25.0	ug/L
98-82-8	Isopropylbenzene	24.6	JD	0.60	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63400	5.55			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	112000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47700	12.018			

Raw Data: **VX045717.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

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\VX041025\
Data File : VX045717.D
Acq On : 11 Apr 2025 05:32
Operator : JC/MD
Sample : Q1762-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Quant Time: Apr 11 06:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

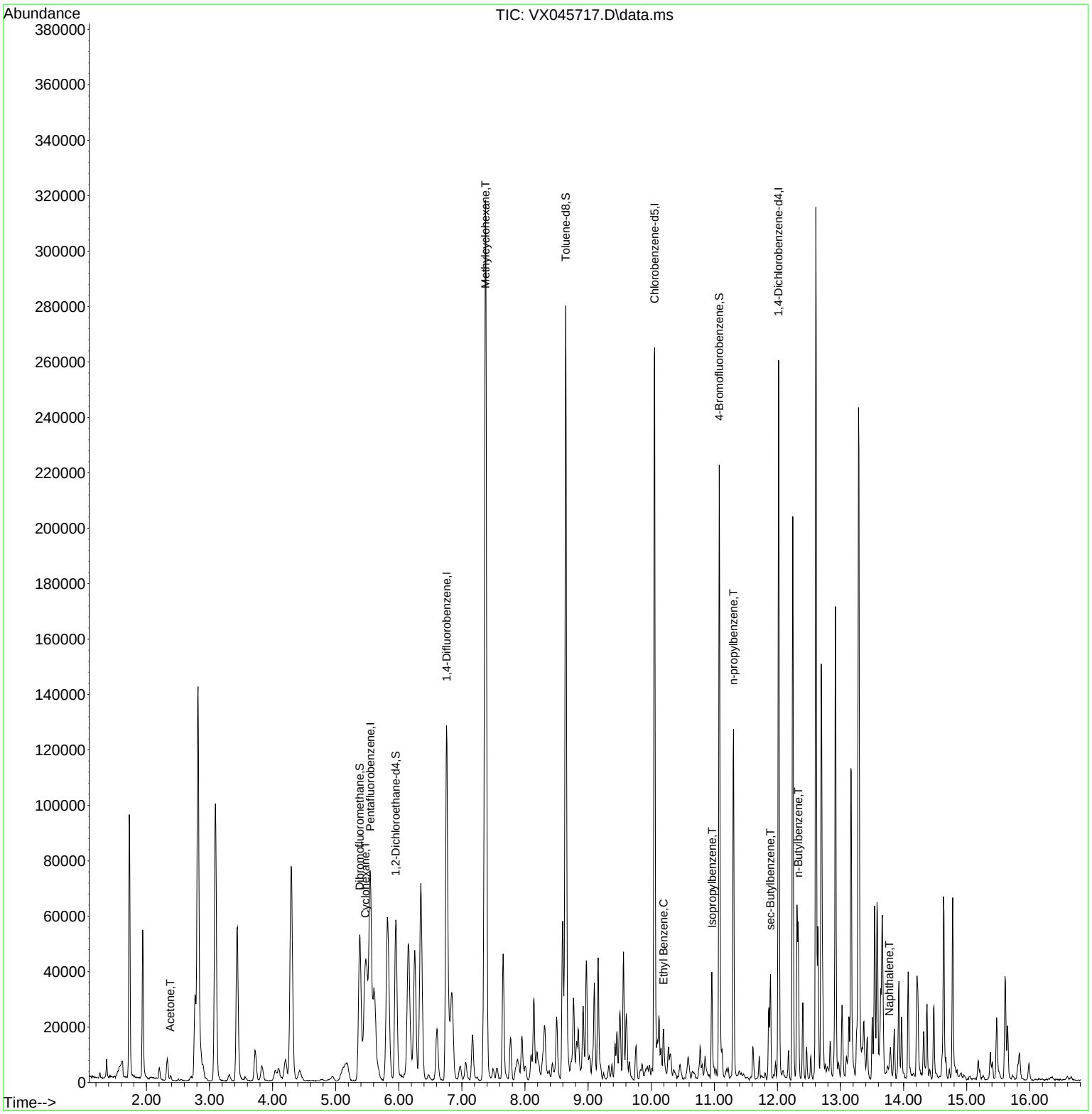
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	63356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60270	52.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.379	113	43609	50.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	152418	50.180	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.079	95	57788	52.231	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.460%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1803	3.790	ug/l	100
31) Cyclohexane	5.470	56	31071	21.861	ug/l #	86
39) Methylcyclohexane	7.373	83	130583	90.665	ug/l	96
67) Ethyl Benzene	10.195	91	10349	2.410	ug/l	100
73) Isopropylbenzene	10.963	105	18757	4.911	ug/l	99
78) n-propylbenzene	11.305	91	78977	17.953	ug/l	99
85) sec-Butylbenzene	11.890	105	18063	4.703	ug/l	96
89) n-Butylbenzene	12.329	91	26495	9.650	ug/l #	80
95) Naphthalene	13.774	128	4406	1.332	ug/l #	89

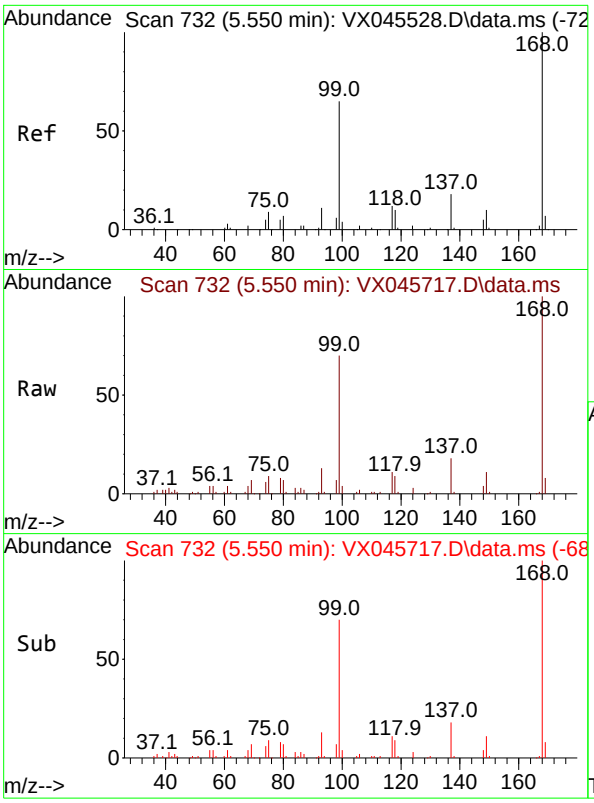
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045717.D
Acq On : 11 Apr 2025 05:32
Operator : JC/MD
Sample : Q1762-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Quant Time: Apr 11 06:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



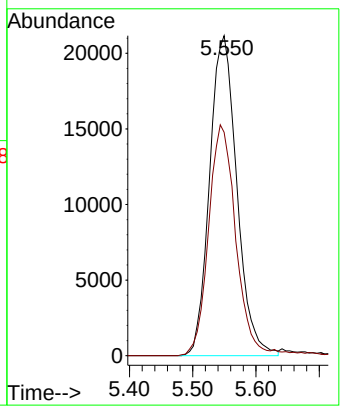


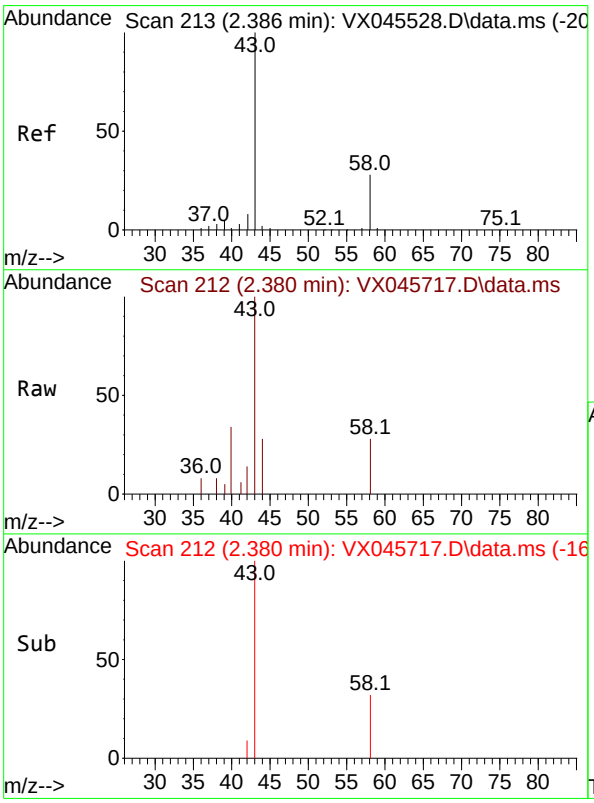
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:168 Resp: 63356

Ion	Ratio	Lower	Upper
168	100		
99	69.8	52.3	78.5

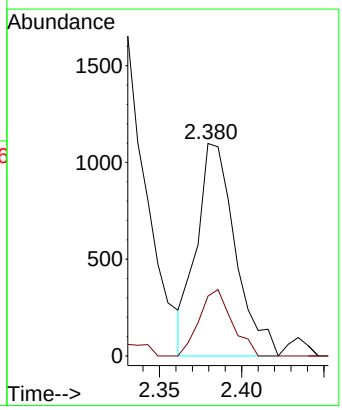


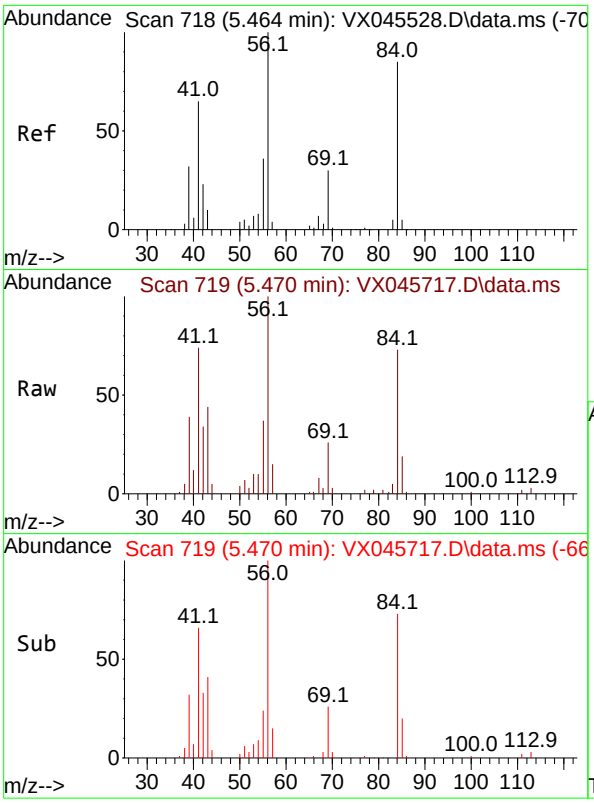


#16
Acetone
Concen: 3.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 1803

Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5



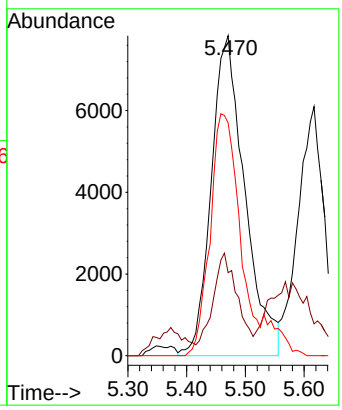


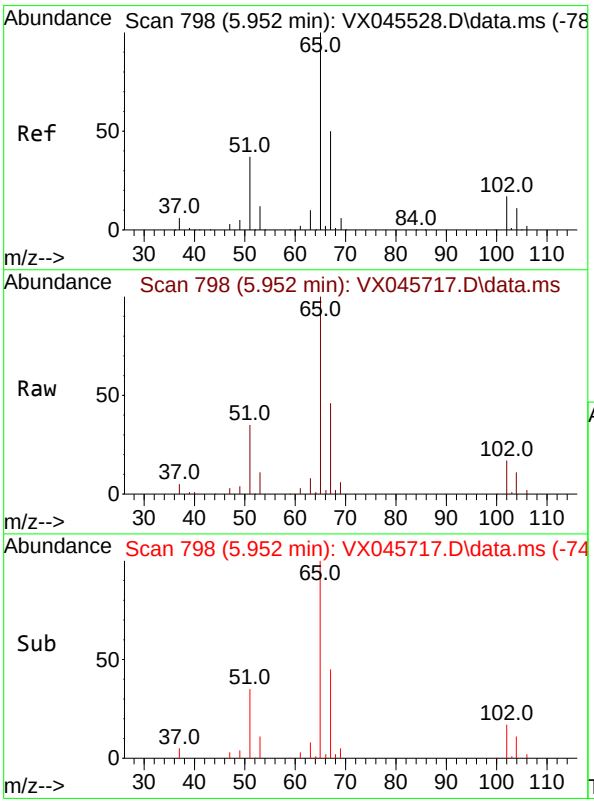
#31
Cyclohexane
Concen: 21.861 ug/l
RT: 5.470 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 56 Resp: 31071

Ion	Ratio	Lower	Upper
56	100		
69	19.3	23.6	35.4#
84	73.4	67.7	101.5

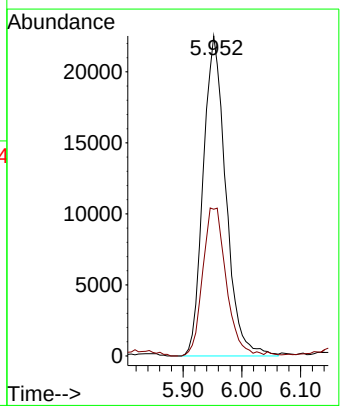


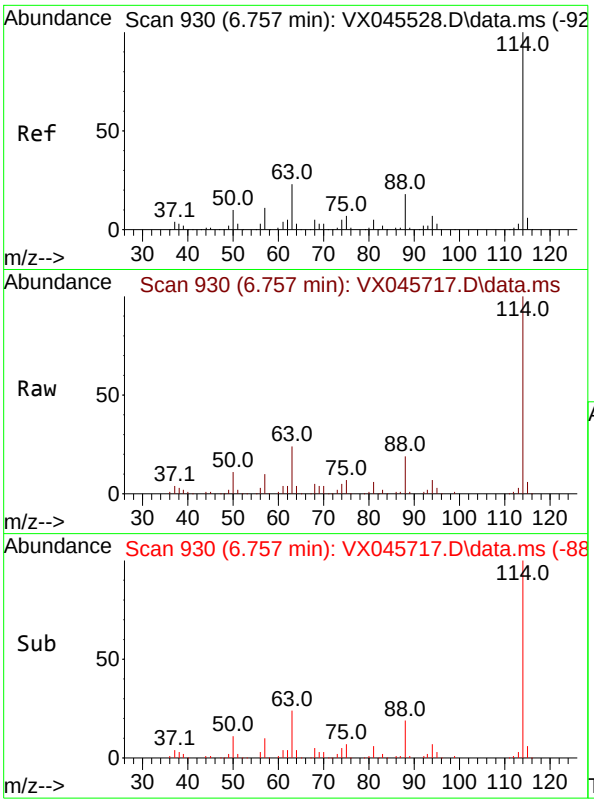


#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 65 Resp: 60270

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.0



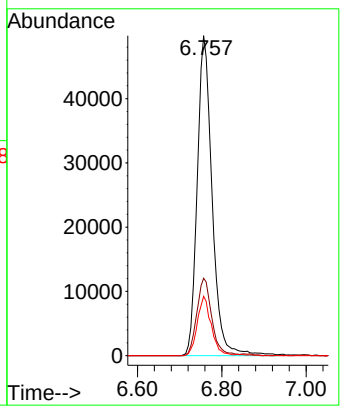


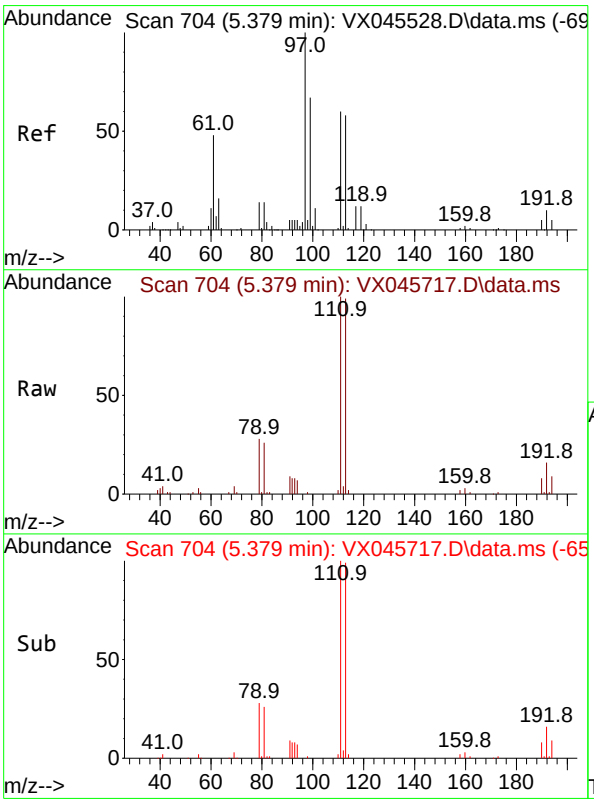
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:114 Resp: 122653

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	18.5	0.0	35.4

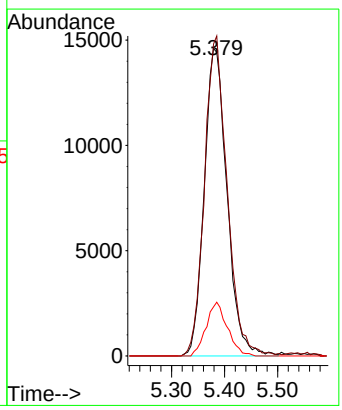


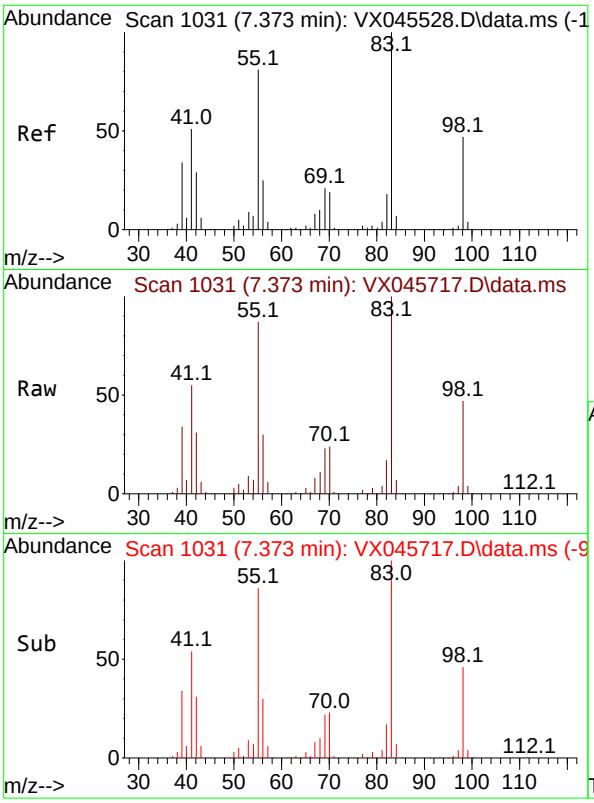


#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:113 Resp: 43609

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	16.2	13.8	20.6



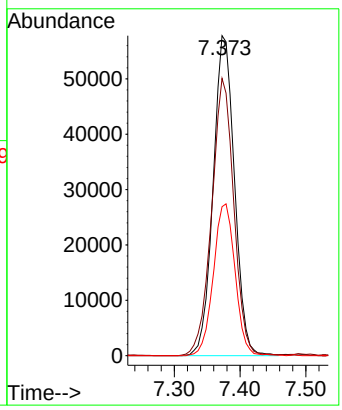


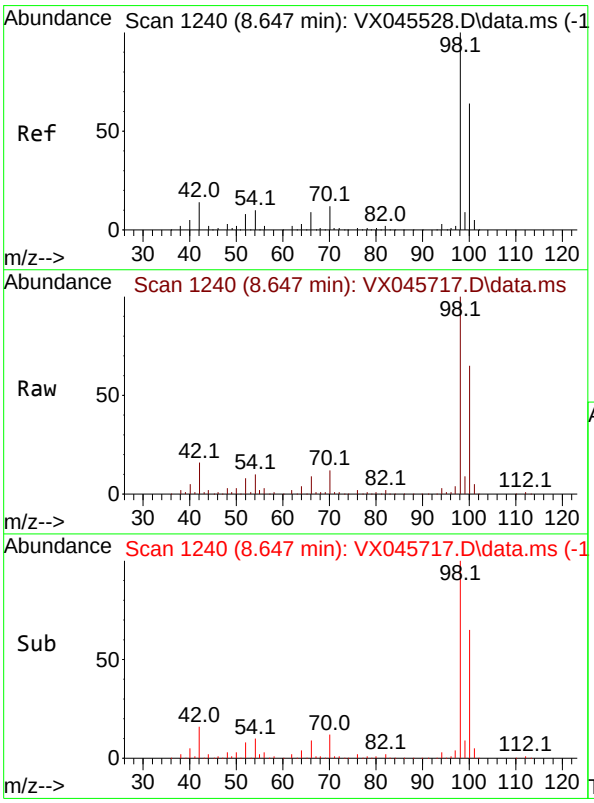
#39
Methylcyclohexane
Concen: 90.665 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 83 Resp: 130583

Ion	Ratio	Lower	Upper
83	100		
55	86.7	64.9	97.3
98	46.5	37.4	56.0

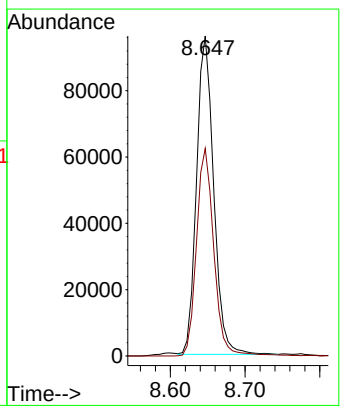


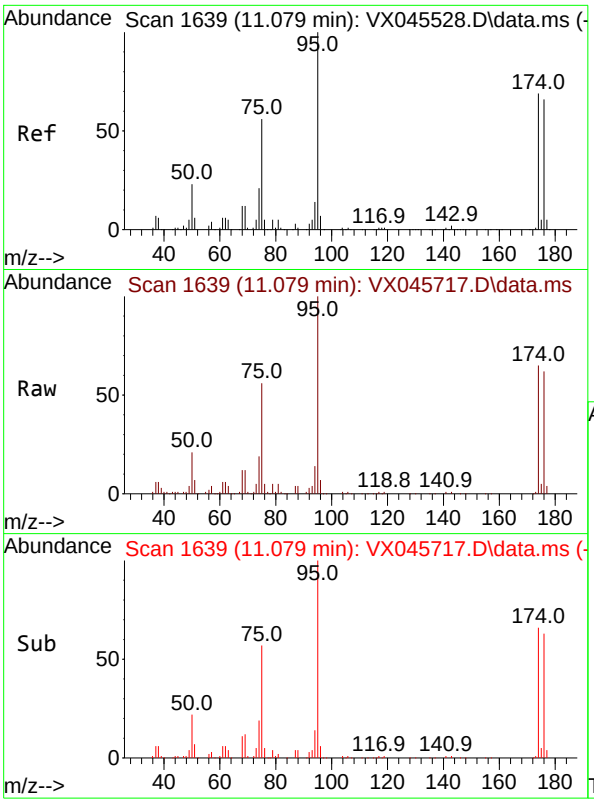


#50
Toluene-d8
Concen: 50.180 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 98 Resp: 152418

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4



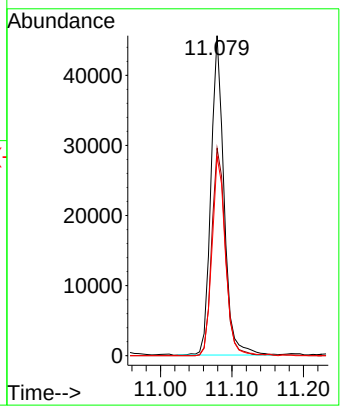


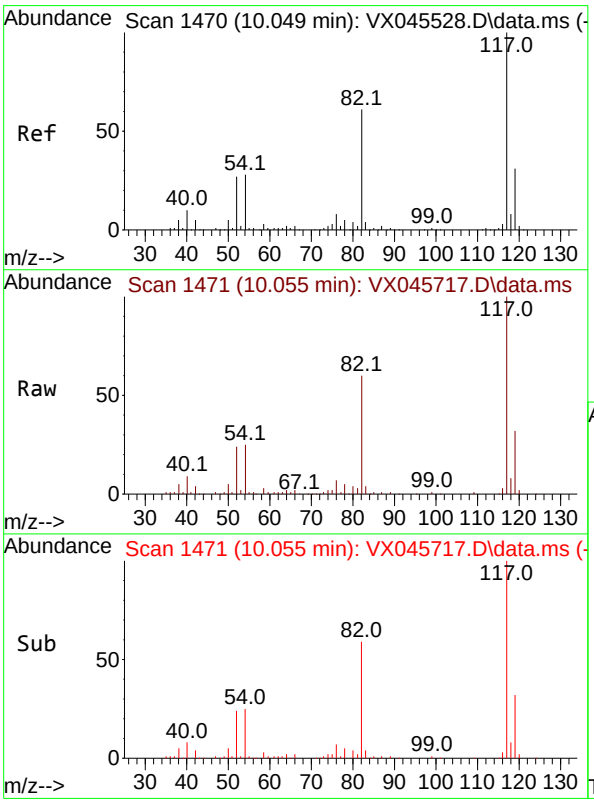
#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 95 Resp: 57788

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	64.0	0.0	131.4

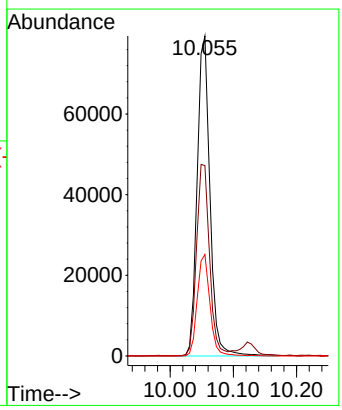


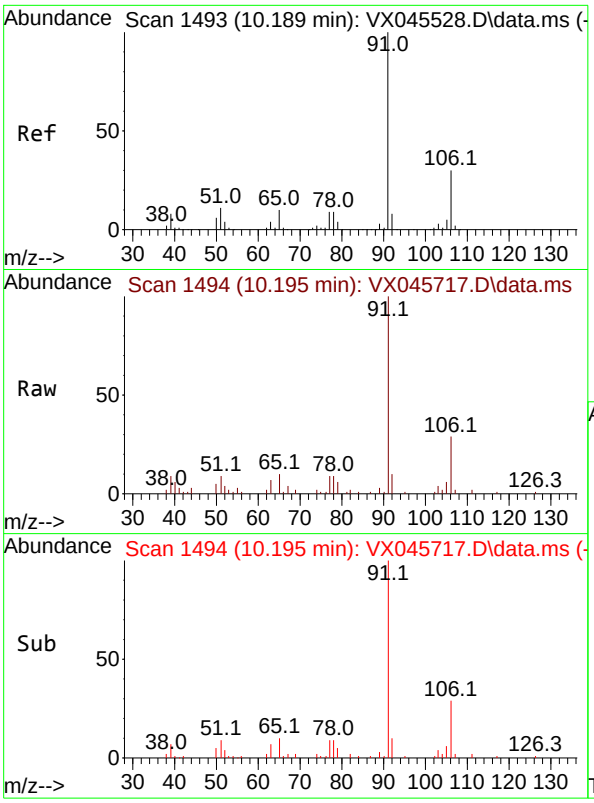


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:117 Resp: 112188

Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.2	73.8
119	31.7	25.1	37.7



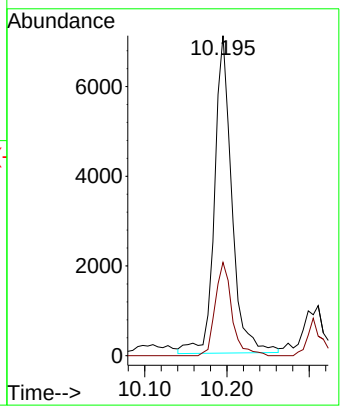


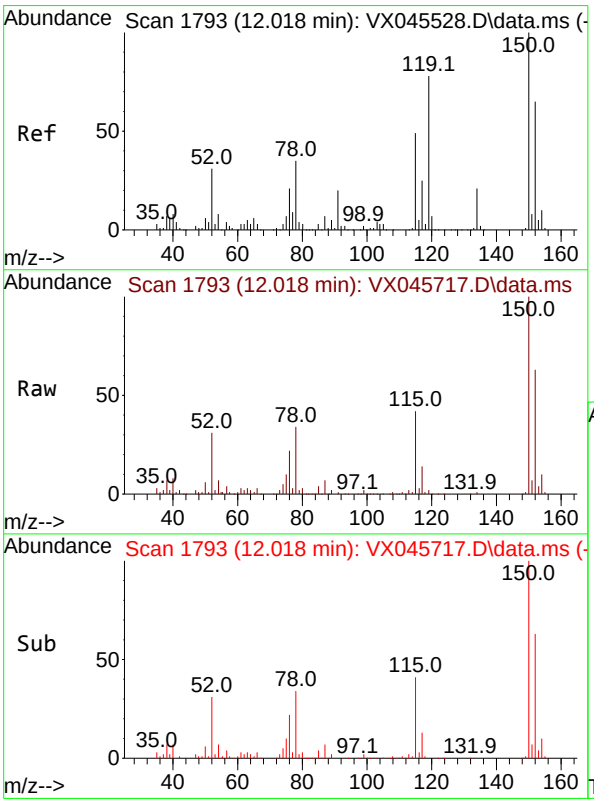
#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 91 Resp: 10349

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5

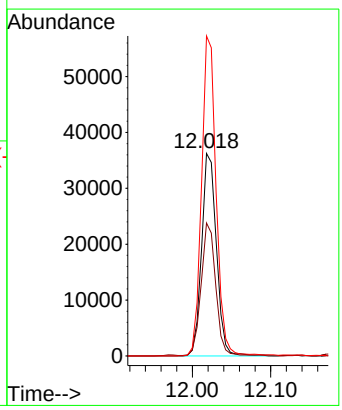


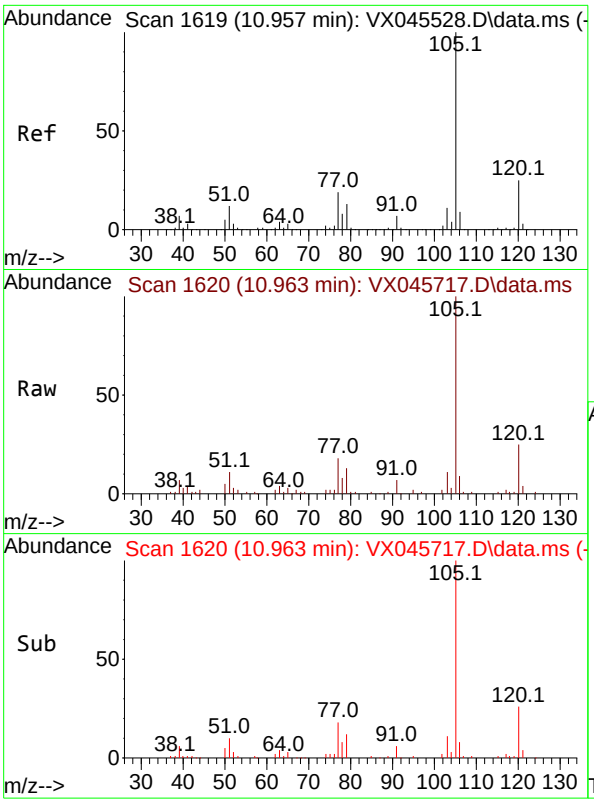


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:152 Resp: 47681

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	155.1	0.0	349.4



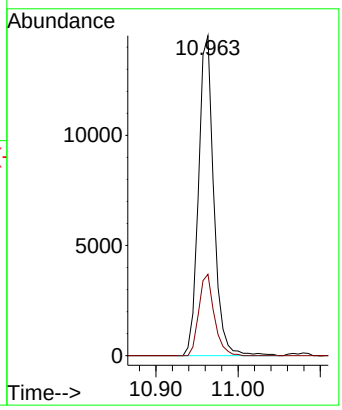


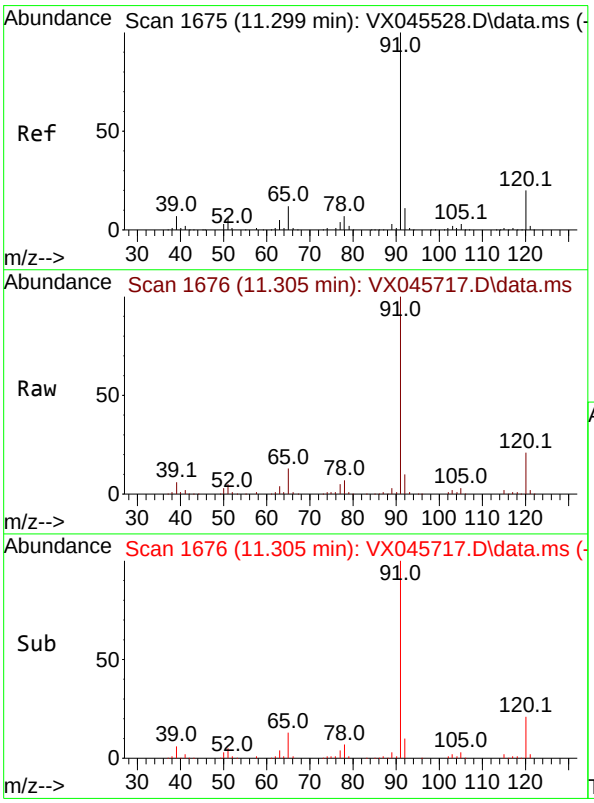
#73
Isopropylbenzene
Concen: 4.911 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:105 Resp: 18757

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.7	38.0

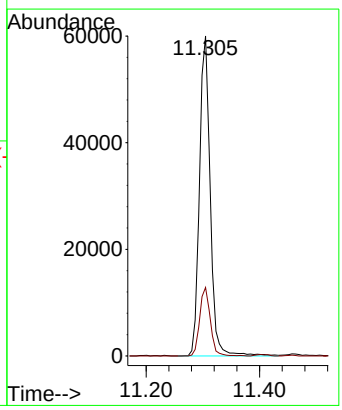


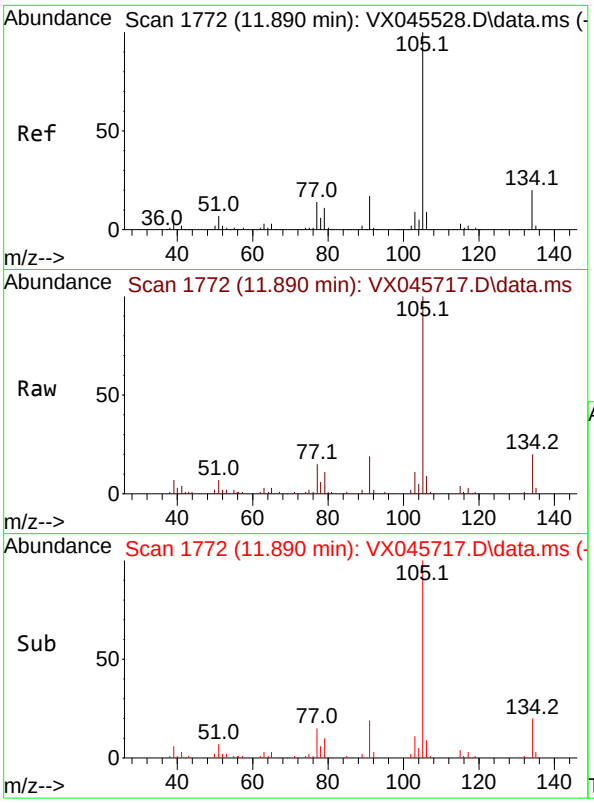


#78
n-propylbenzene
Concen: 17.953 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 78977

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.8	32.3



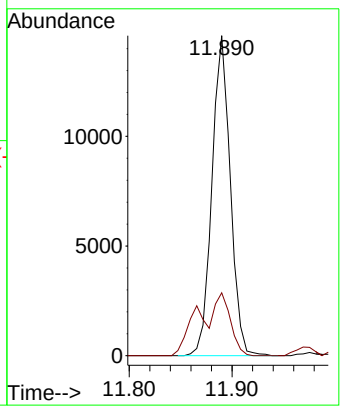


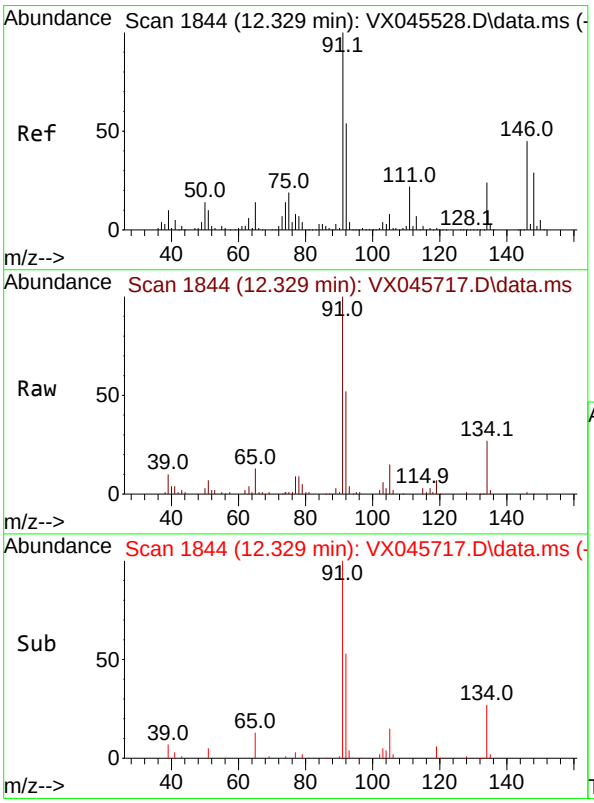
#85
sec-Butylbenzene
Concen: 4.703 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:105 Resp: 18063

Ion	Ratio	Lower	Upper
105	100		
134	17.3	9.6	28.6

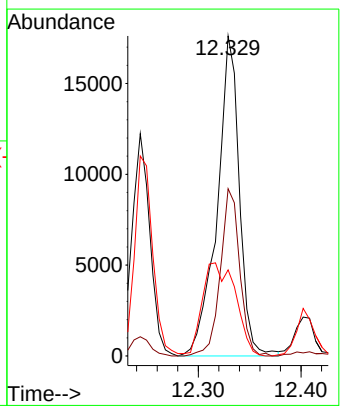


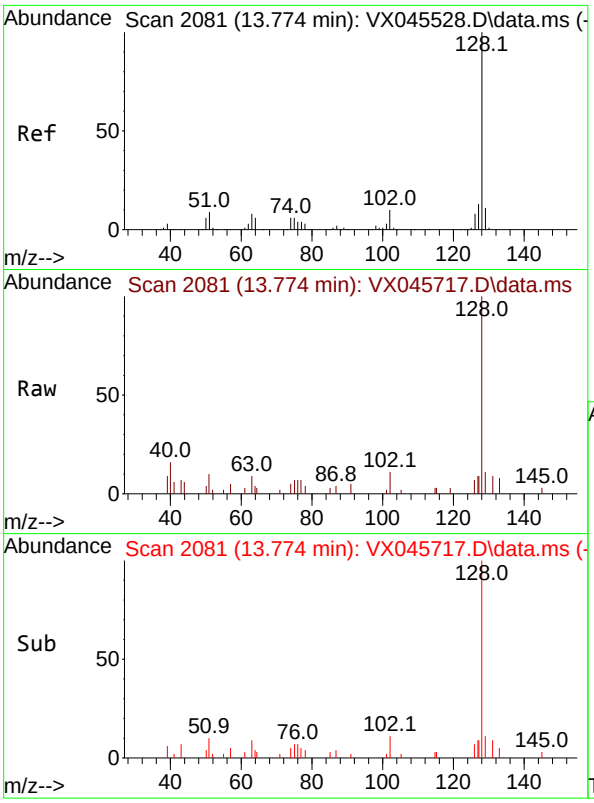


#89
n-Butylbenzene
Concen: 9.650 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 26495

Ion	Ratio	Lower	Upper
91	100		
92	45.5	26.9	80.6
134	43.5	11.9	35.7#



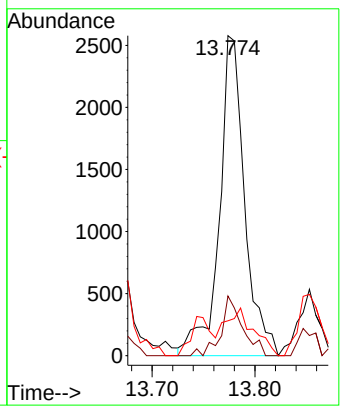


#95
Naphthalene
Concen: 1.332 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:128 Resp: 4406

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.3	15.5#
129	16.8	8.6	12.8#



Raw Data: **VX045682.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	56.1		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	61.9		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	74.4		0.16	5.00	ug/L
71-43-2	Benzene	14.4		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	2.40	J	0.14	5.00	ug/L

Raw Data: **VX045682.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	2.00	J	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	3.80	J	0.24	10.0	ug/L
95-47-6	o-Xylene	1.40	J	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	27.8		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66100	5.544			
540-36-3	1,4-Difluorobenzene	130000	6.757			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55100	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX045682.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	140	J		1.73	ug/L
000109-66-0	Pentane	64.6	J		1.94	ug/L
000107-83-5	Pentane, 2-methyl-	160	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	230	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	390	J		4.29	ug/L
001759-81-5	Cyclopentene, 4-methyl-	66.0	J		5.18	ug/L
000589-34-4	Hexane, 3-methyl-	96.4	J		5.82	ug/L
103-65-1	n-propylbenzene	55.2	J		11.3	ug/L
98-06-6	tert-Butylbenzene	1.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.44	J		11.8	ug/L
135-98-8	sec-Butylbenzene	8.20	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	110	J		12.2	ug/L
104-51-8	n-Butylbenzene	12.8	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	91.4	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	73.8	J		12.7	ug/L
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	150	J		13.3	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	79.0	J		15.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	92.2	J		15.6	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\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Time: Apr 10 01:37:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

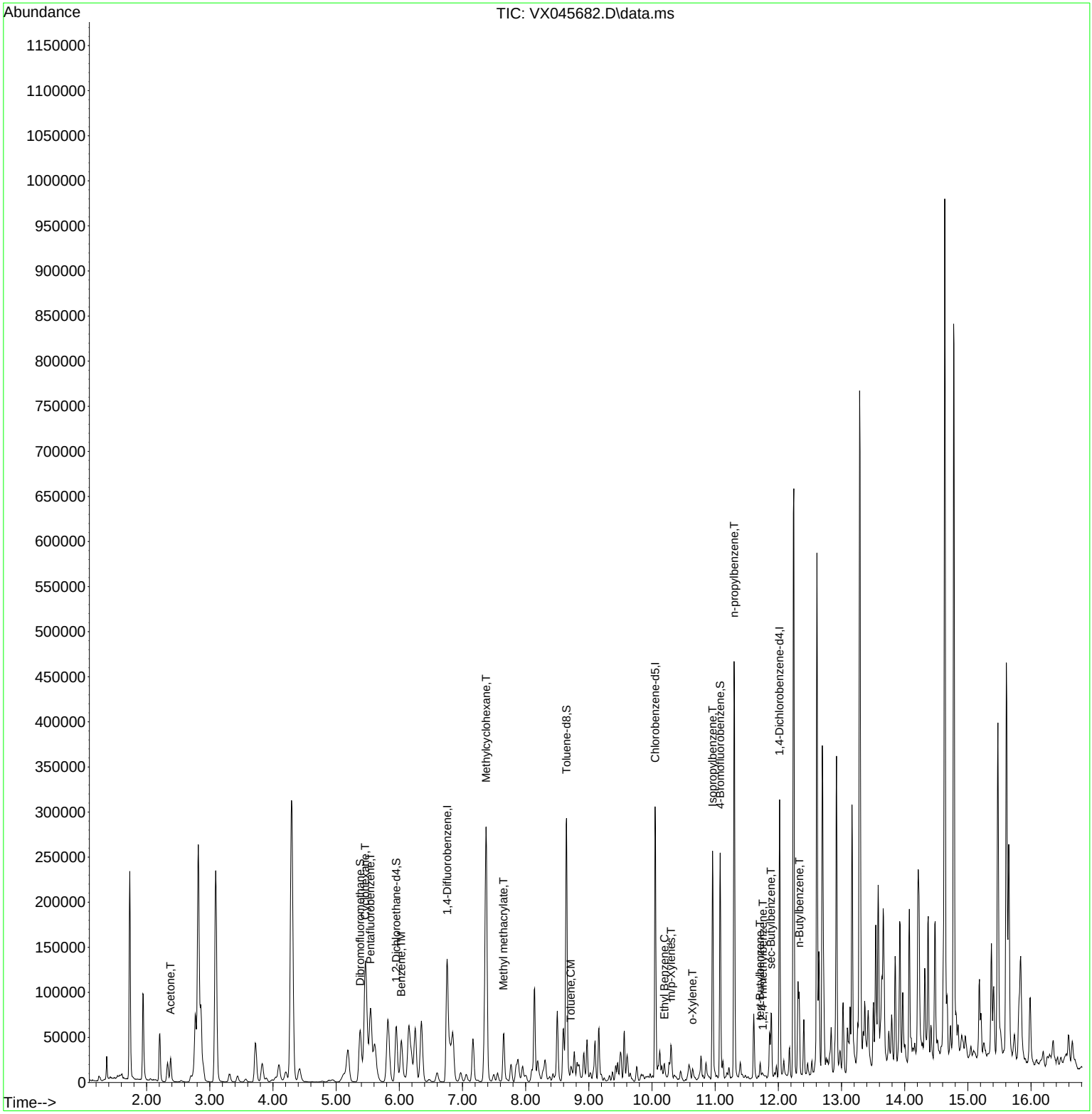
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63851	52.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	5.379	113	46585	50.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.647	98	163312	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	66536	56.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.760%			
Target Compounds						Qvalue
16) Acetone	2.380	43	27855	56.114	ug/l	98
31) Cyclohexane	5.458	56	91795	61.901	ug/l	97
39) Methylcyclohexane	7.373	83	113339	74.432	ug/l	94
40) Benzene	6.032	78	54686	14.414	ug/l	98
48) Methyl methacrylate	7.647	41	14004	11.431	ug/l #	62
52) Toluene	8.714	92	5603	2.441	ug/l	95
67) Ethyl Benzene	10.195	91	9335	2.014	ug/l	99
68) m/p-Xylenes	10.299	106	6369	3.778	ug/l	91
69) o-Xylene	10.640	106	2384	1.435	ug/l	89
73) Isopropylbenzene	10.957	105	122812	27.838	ug/l	100
78) n-propylbenzene	11.299	91	280633	55.226	ug/l	100
83) tert-Butylbenzene	11.707	119	4642	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1605	0.438	ug/l	89
85) sec-Butylbenzene	11.884	105	36522	8.233	ug/l	98
89) n-Butylbenzene	12.329	91	40738	12.845	ug/l #	81

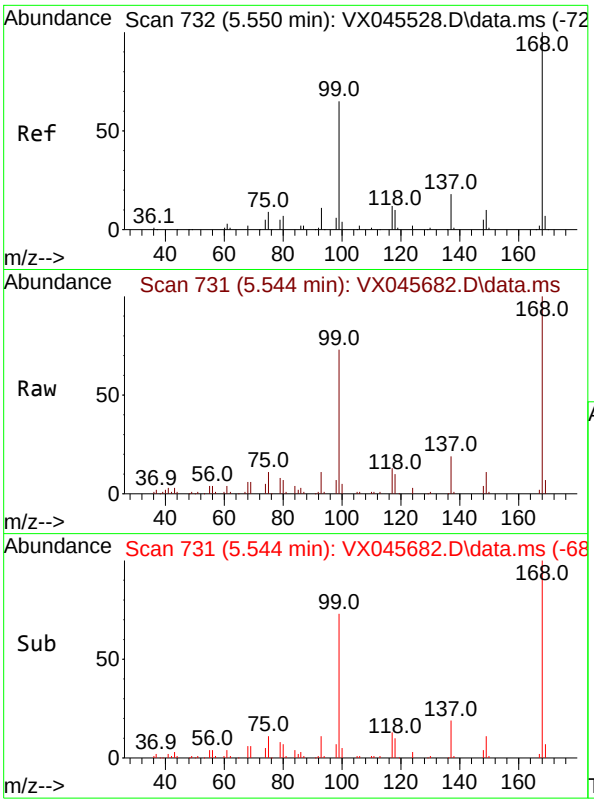
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Time: Apr 10 01:37:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



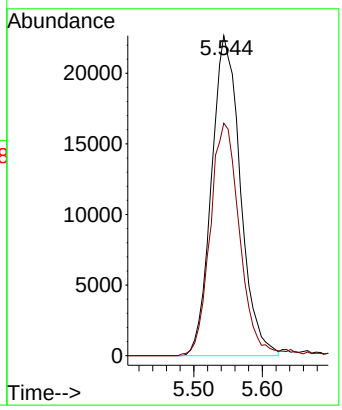


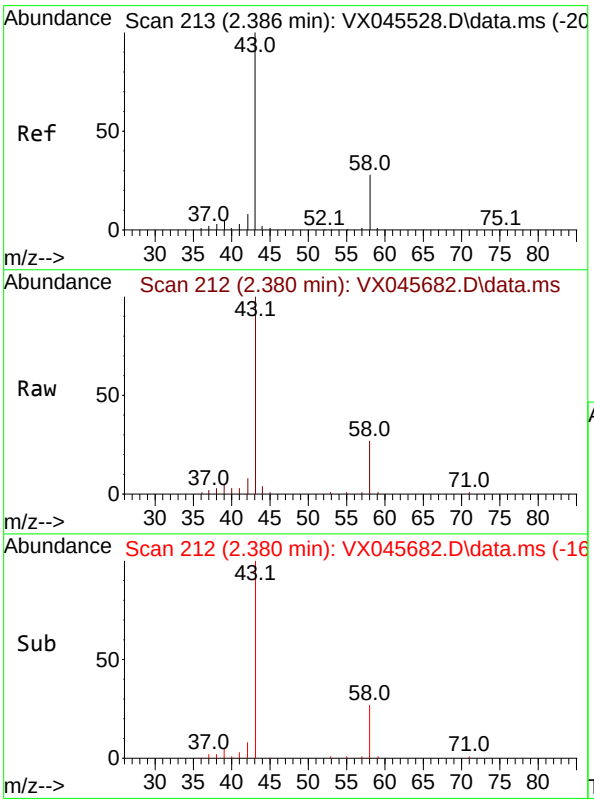
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:168 Resp: 66105

Ion	Ratio	Lower	Upper
168	100		
99	72.6	52.3	78.5

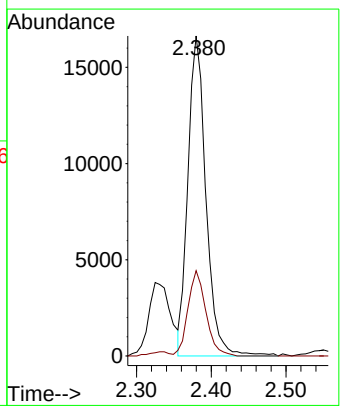


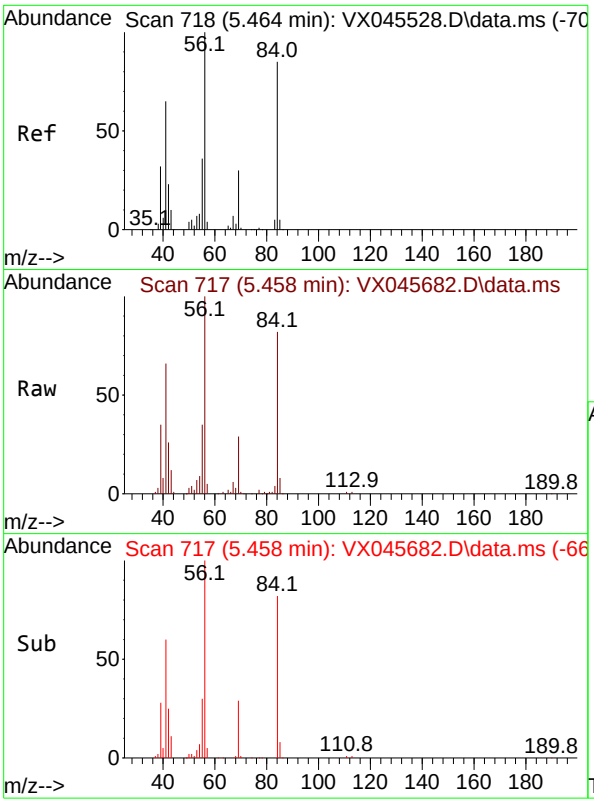


#16
Acetone
Concen: 56.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 27855

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.3	33.5



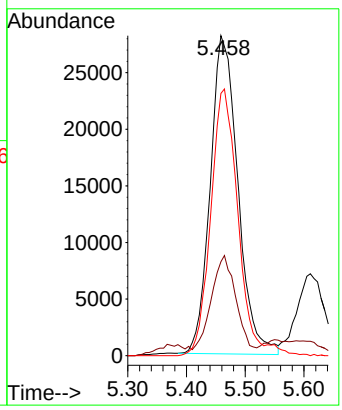


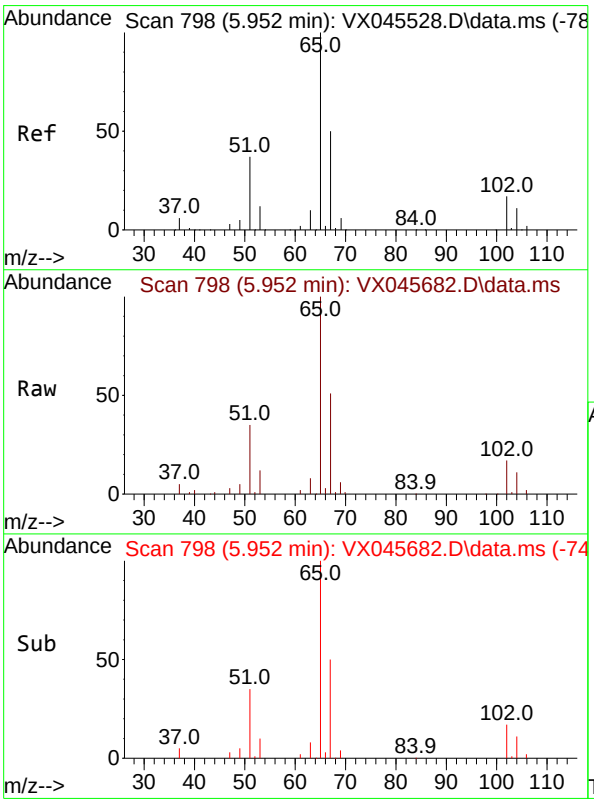
#31
Cyclohexane
Concen: 61.901 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 56 Resp: 91795

Ion	Ratio	Lower	Upper
56	100		
69	26.1	23.6	35.4
84	82.6	67.7	101.5

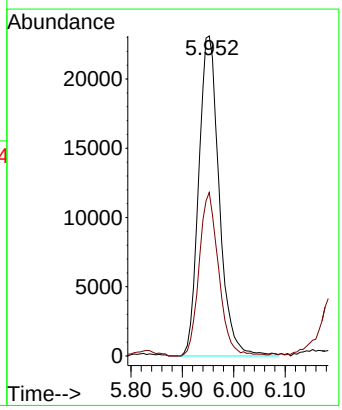


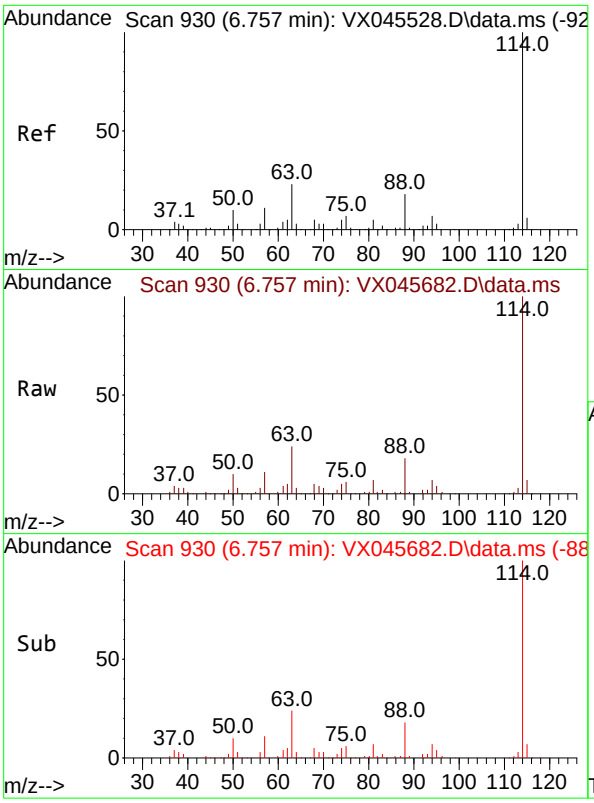


#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 65 Resp: 63851

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0



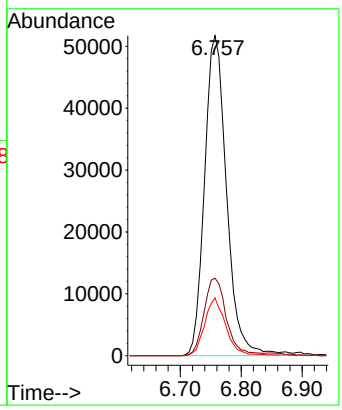


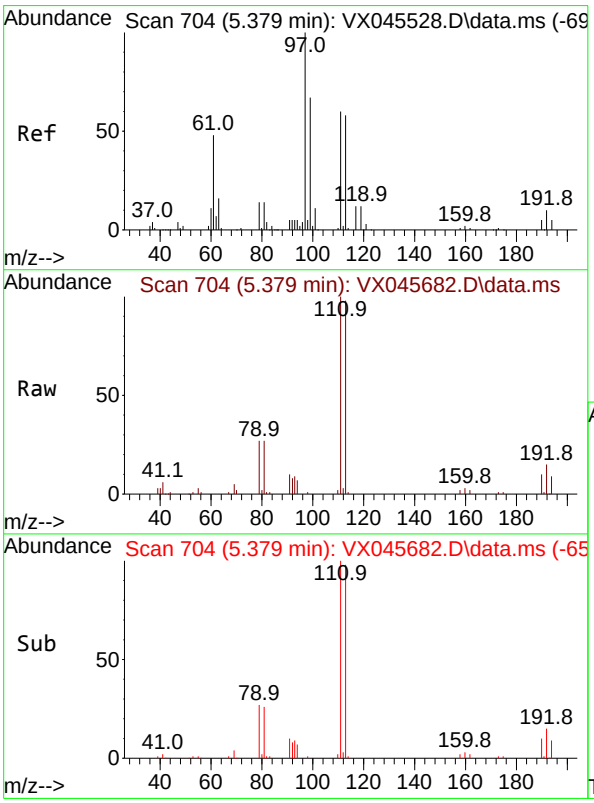
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:114 Resp: 129673

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	18.0	0.0	35.4

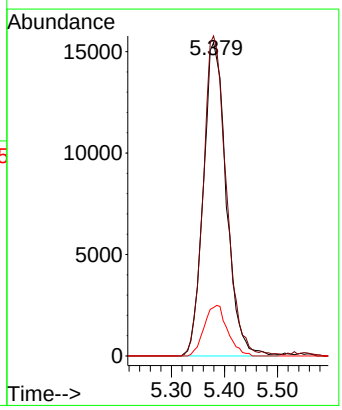


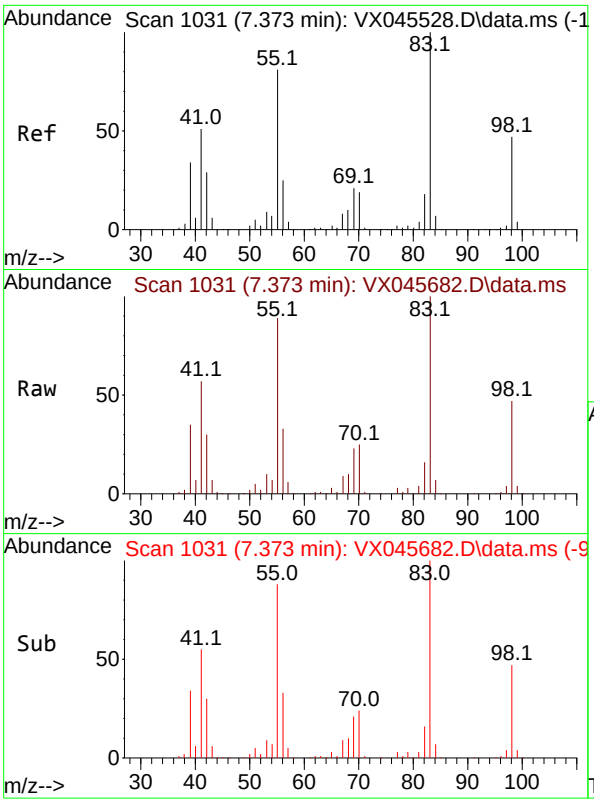


#35
Dibromofluoromethane
Concen: 50.634 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:113 Resp: 46585

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	16.3	13.8	20.6



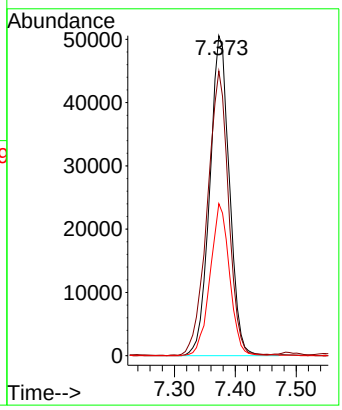


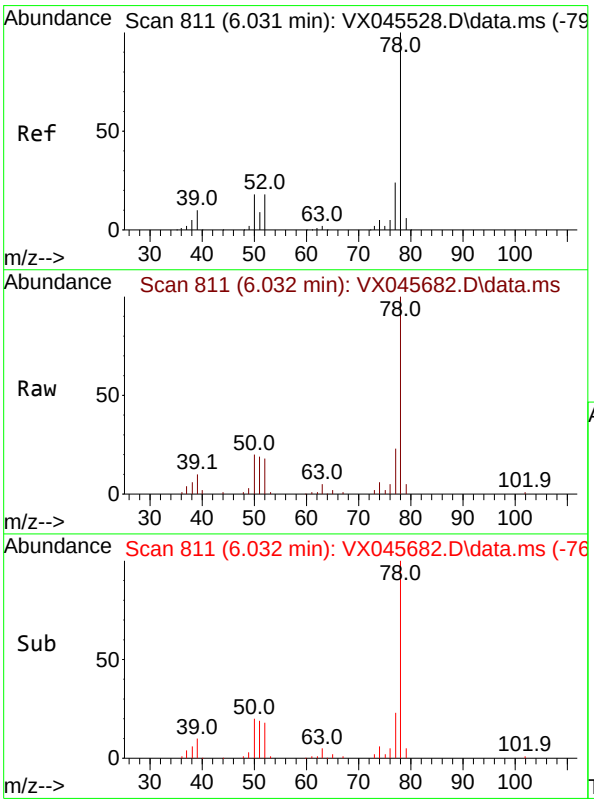
#39
Methylcyclohexane
Concen: 74.432 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 83 Resp: 113339

Ion	Ratio	Lower	Upper
83	100		
55	88.8	64.9	97.3
98	47.5	37.4	56.0

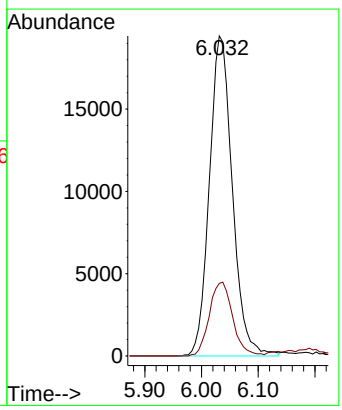


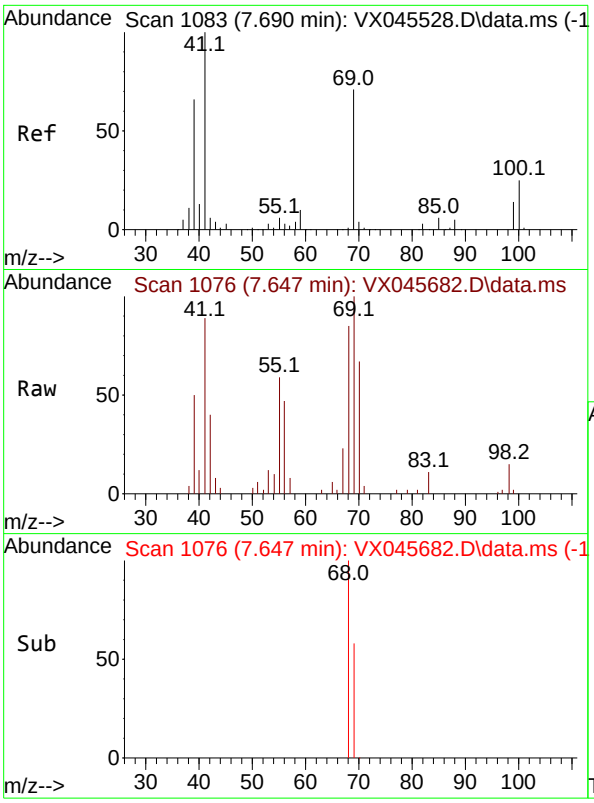


#40
Benzene
Concen: 14.414 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 78 Resp: 54686

Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6



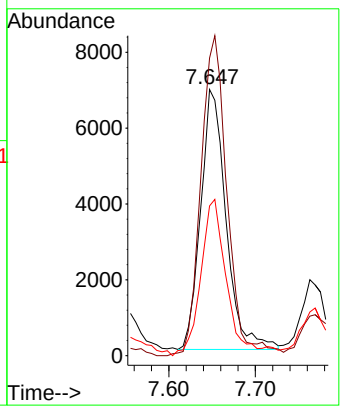


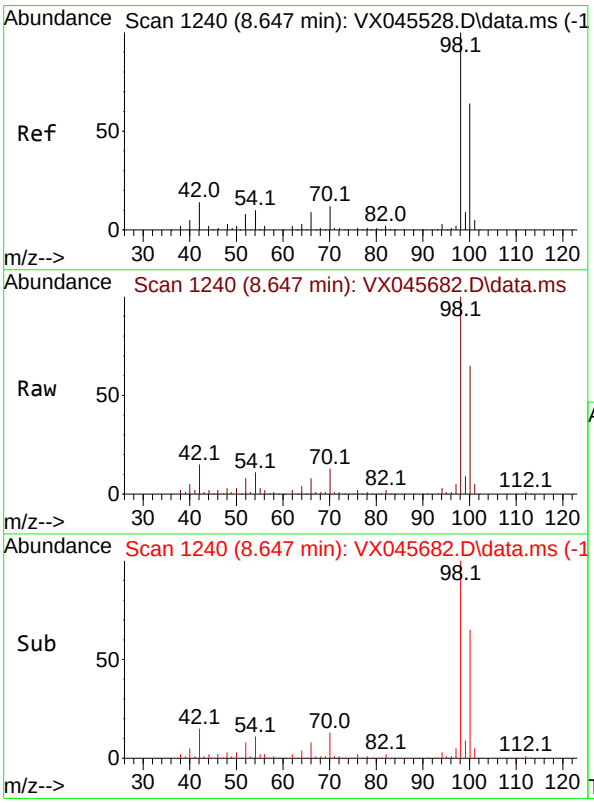
#48
Methyl methacrylate
Concen: 11.431 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.043 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 41 Resp: 14004

Ion	Ratio	Lower	Upper
41	100		
69	126.5	58.2	87.2#
39	59.8	53.6	80.4

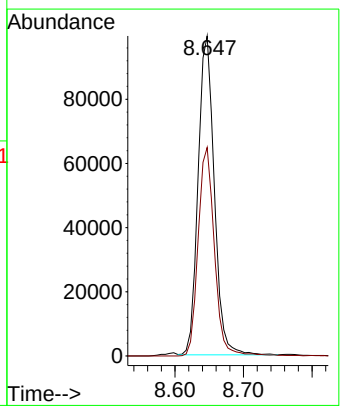


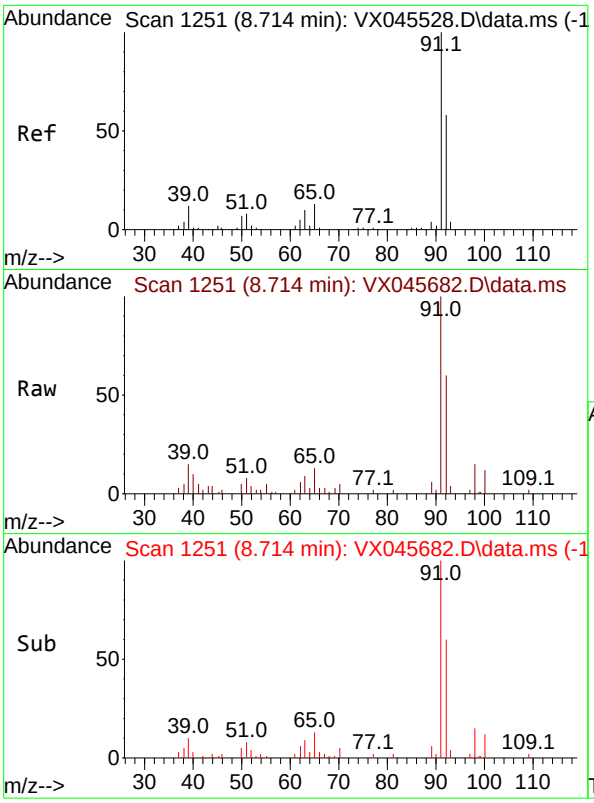


#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 98 Resp: 163312

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.4



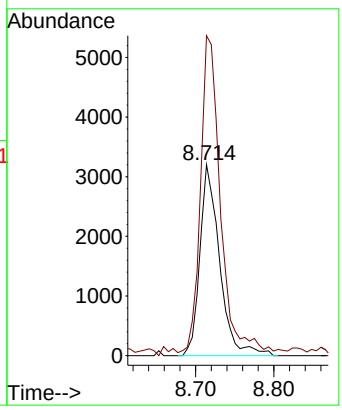


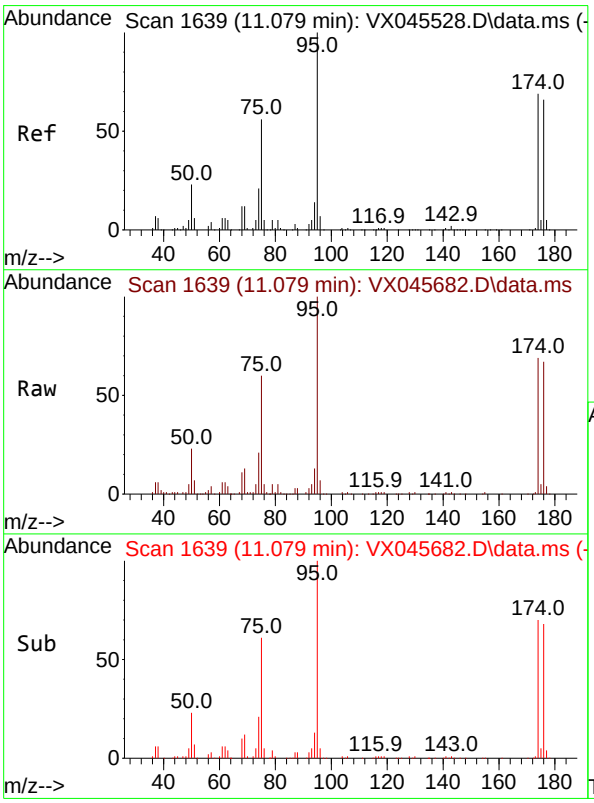
#52
Toluene
Concen: 2.441 ug/l
RT: 8.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 92 Resp: 5603

Ion	Ratio	Lower	Upper
92	100		
91	166.4	138.7	208.1

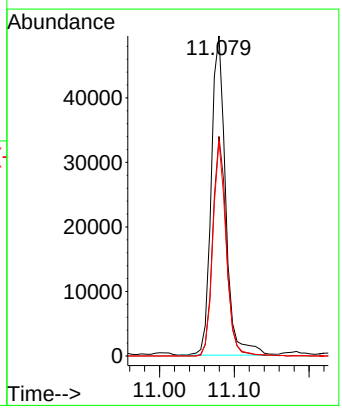


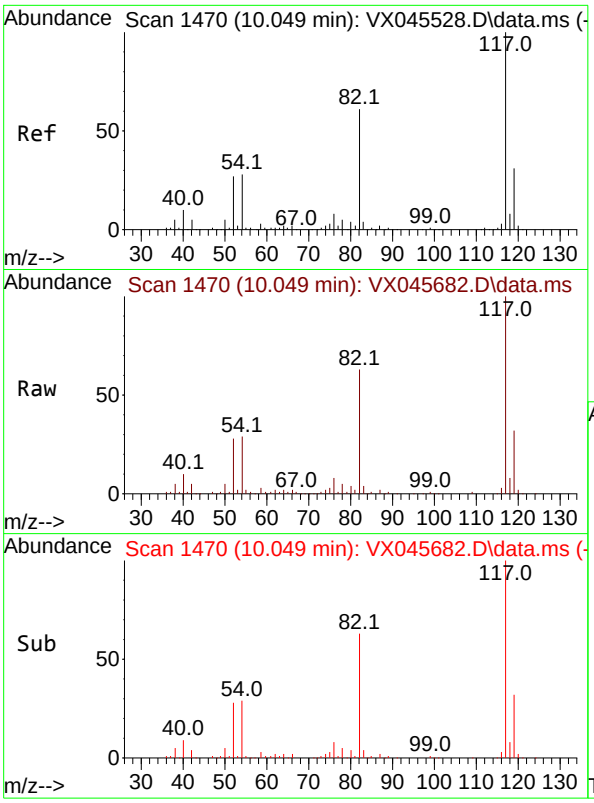


#62
4-Bromofluorobenzene
Concen: 56.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 95 Resp: 66536

Ion	Ratio	Lower	Upper
95	100		
174	64.7	0.0	135.8
176	62.3	0.0	131.4



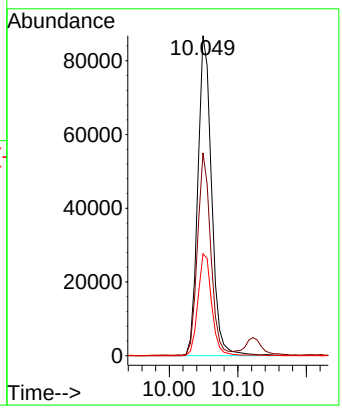


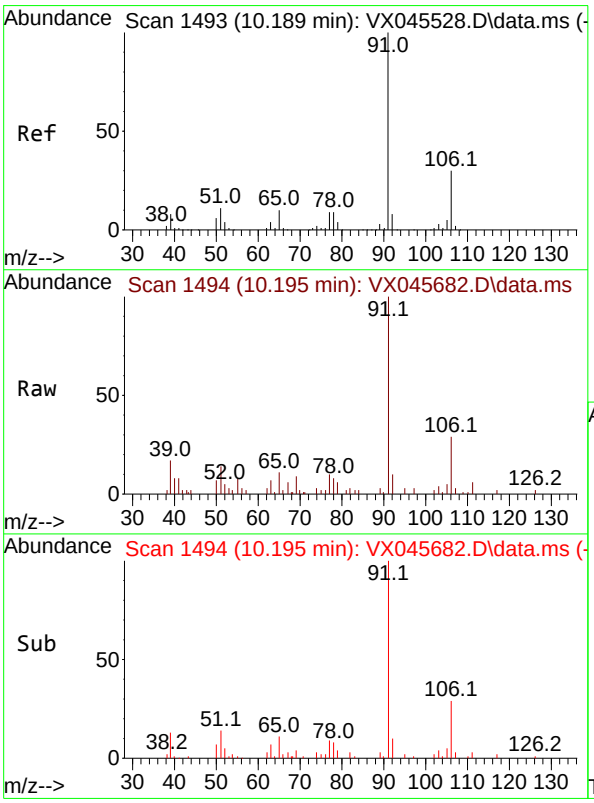
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:117 Resp: 121124

Ion	Ratio	Lower	Upper
117	100		
82	63.1	49.2	73.8
119	31.9	25.1	37.7

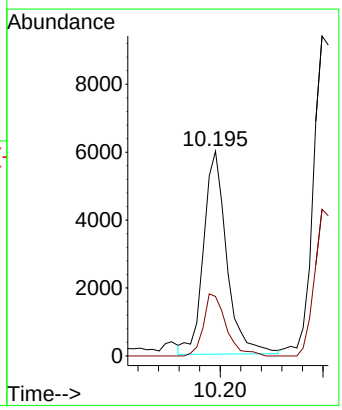


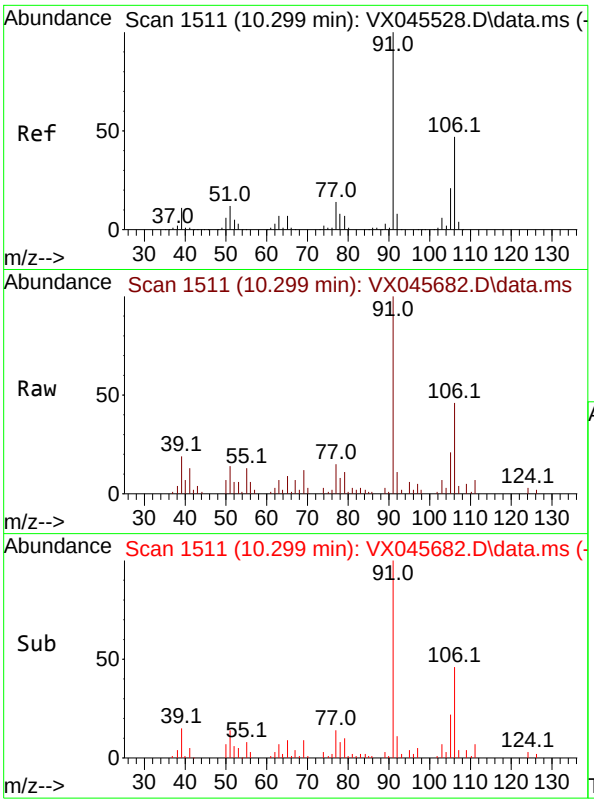


#67
Ethyl Benzene
Concen: 2.014 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 9335

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.7	35.5



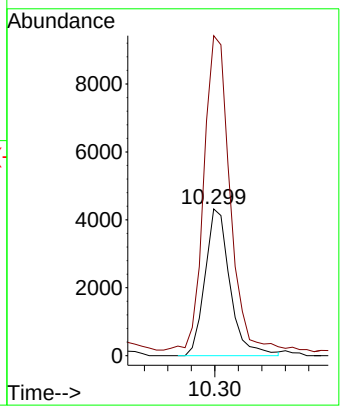


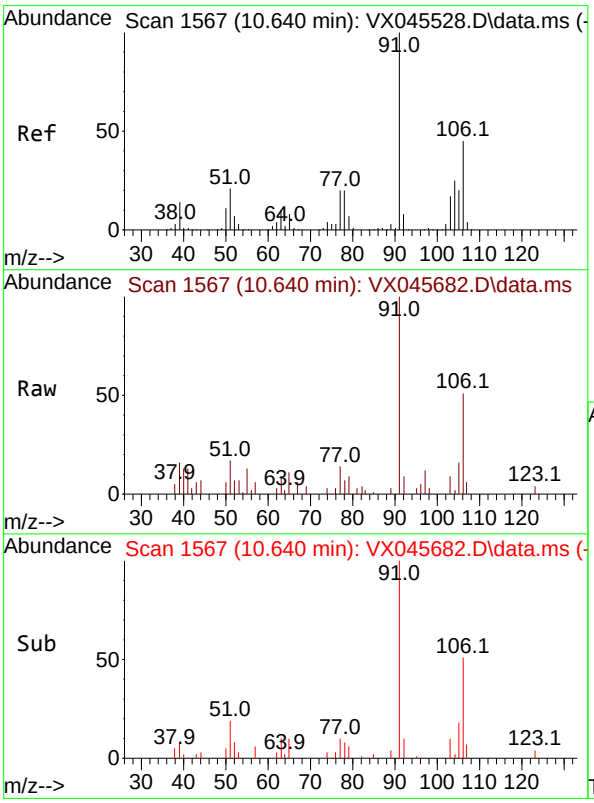
#68
m/p-Xylenes
Concen: 3.778 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:106 Resp: 6369

Ion	Ratio	Lower	Upper
106	100		
91	230.5	172.6	258.8

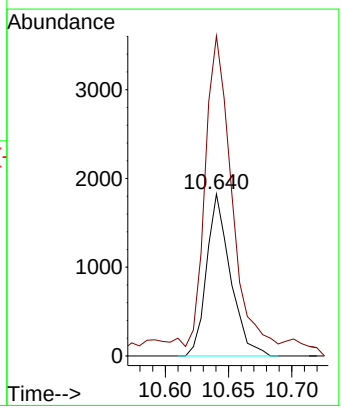


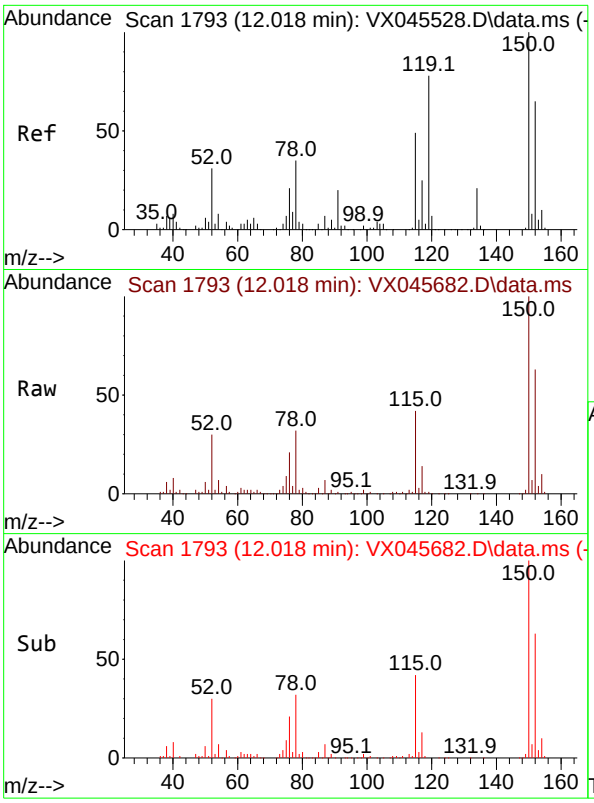


#69
o-Xylene
Concen: 1.435 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:106 Resp: 2384

Ion	Ratio	Lower	Upper
106	100		
91	209.4	113.6	340.6



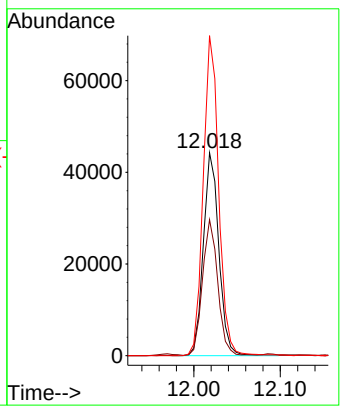


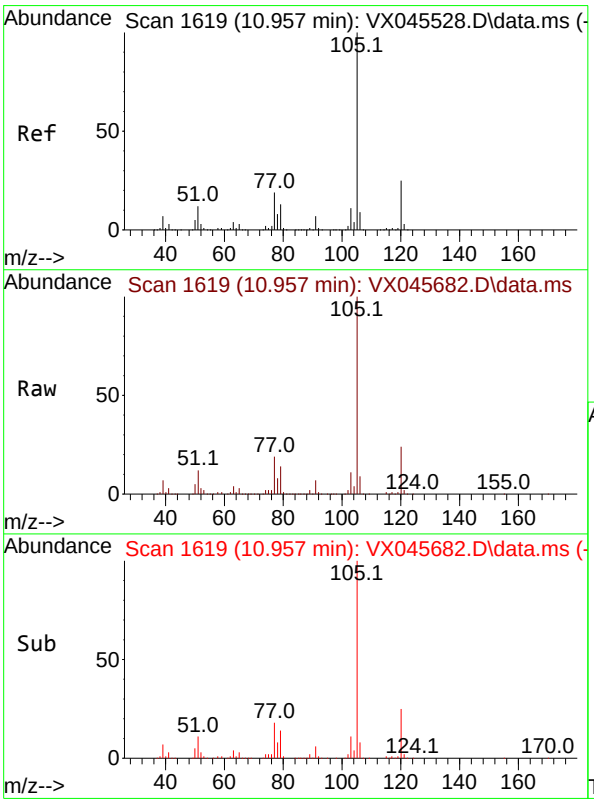
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:152 Resp: 55077

Ion	Ratio	Lower	Upper
152	100		
115	65.4	46.9	140.7
150	157.0	0.0	349.4

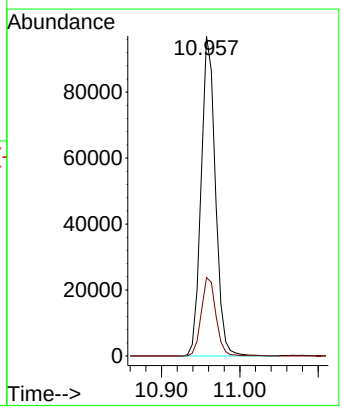


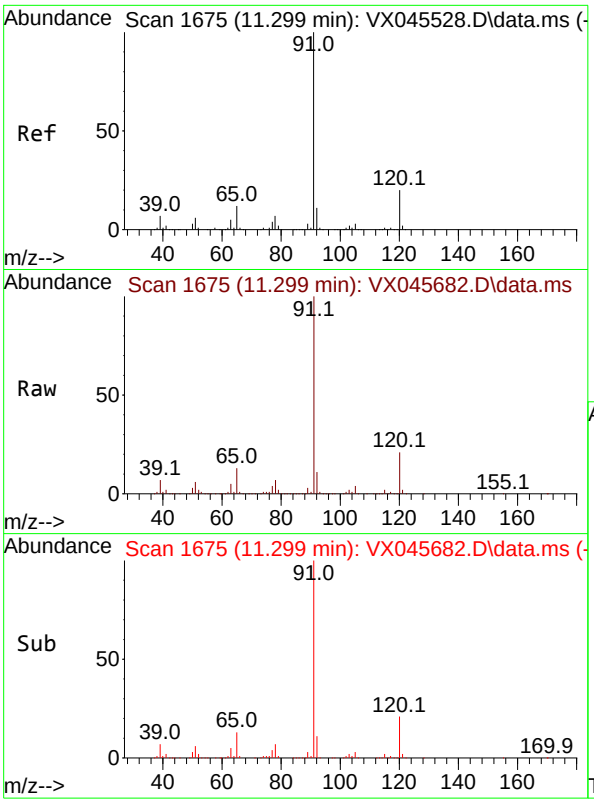


#73
Isopropylbenzene
Concen: 27.838 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:105 Resp: 122812

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.7	38.0



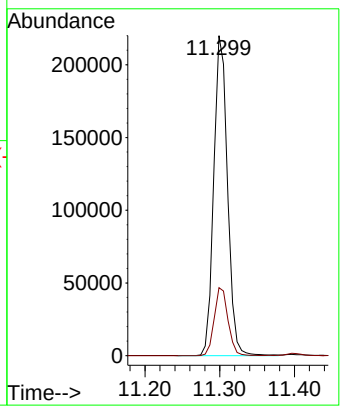


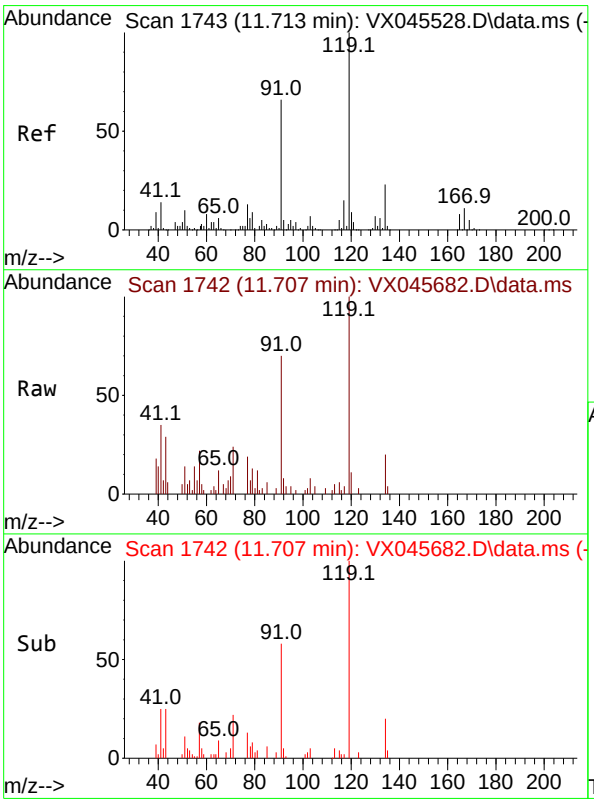
#78
n-propylbenzene
Concen: 55.226 ug/l
RT: 11.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 91 Resp: 280633

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.3

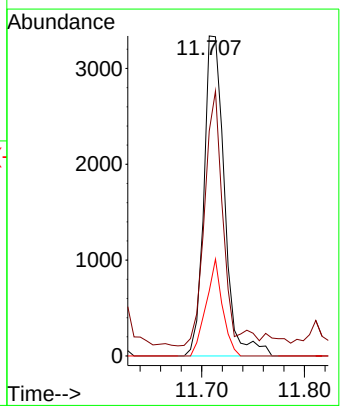


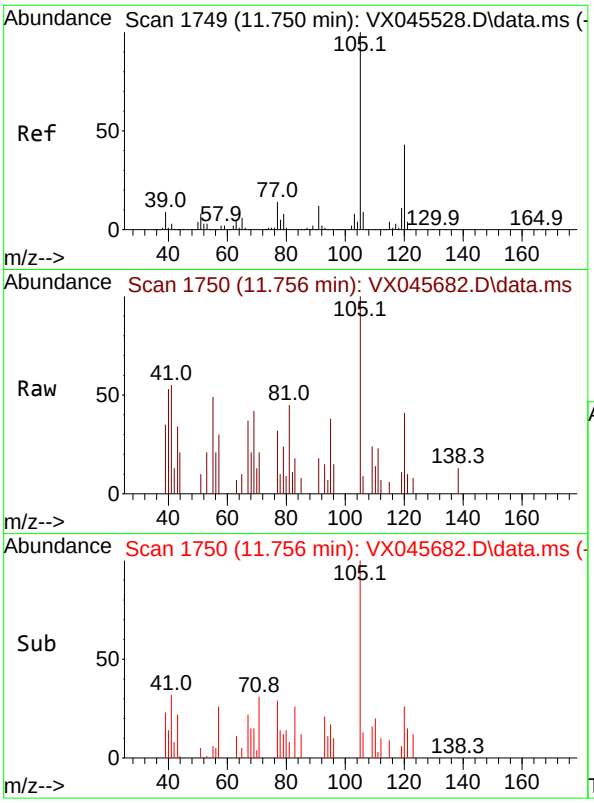


#83
tert-Butylbenzene
Concen: 1.285 ug/l
RT: 11.707 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:119 Resp: 4642

Ion	Ratio	Lower	Upper
119	100		
91	69.3	32.4	97.2
134	24.3	11.5	34.5



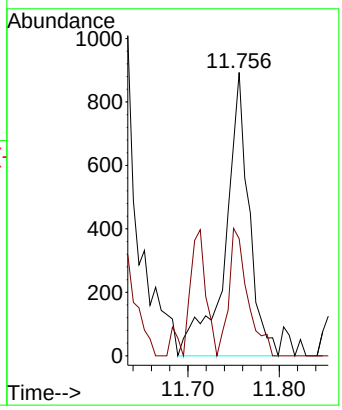


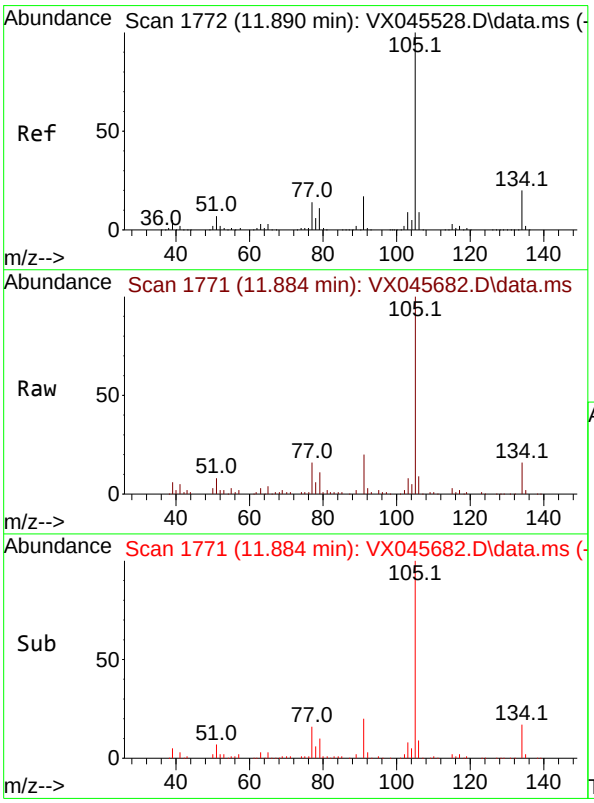
#84
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:105 Resp: 1605

Ion	Ratio	Lower	Upper
105	100		
120	35.8	21.4	64.3

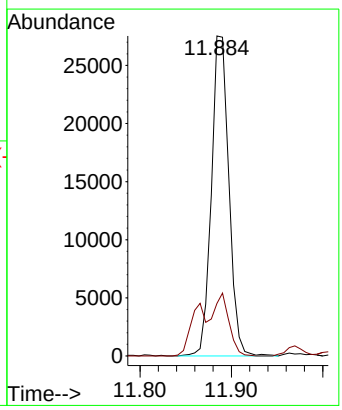


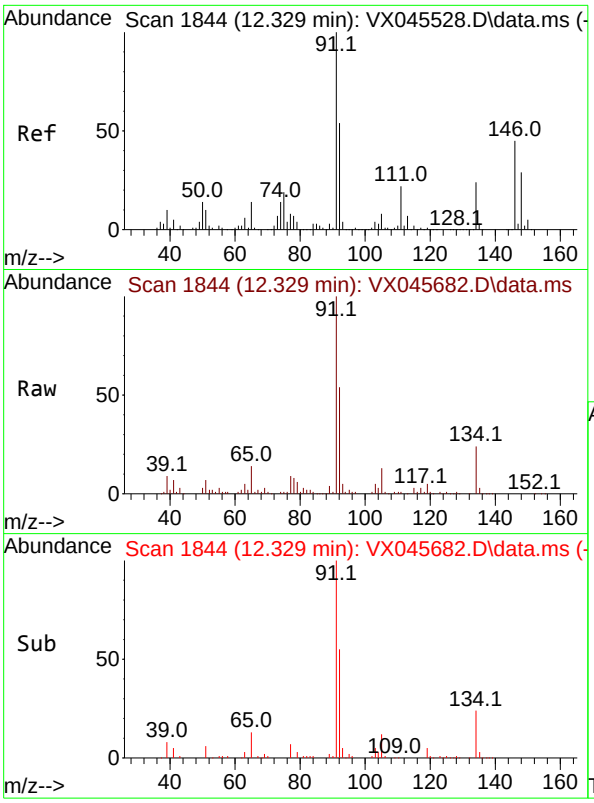


#85
sec-Butylbenzene
Concen: 8.233 ug/l
RT: 11.884 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:105 Resp: 36522

Ion	Ratio	Lower	Upper
105	100		
134	18.3	9.6	28.6



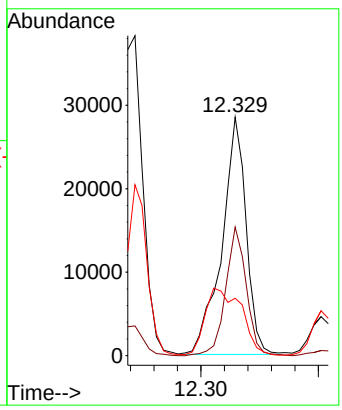


#89
n-Butylbenzene
Concen: 12.845 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 91 Resp: 40738

Ion	Ratio	Lower	Upper
91	100		
92	46.2	26.9	80.6
134	42.9	11.9	35.7#



Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	101	106	119	rVB	230568	312485	24.18%	1.349%
2	1.941	135	140	152	rVB	95749	147878	11.44%	0.638%
3	2.209	178	184	194	rVB	53076	86728	6.71%	0.374%
4	2.380	208	212	222	rVB	25999	44158	3.42%	0.191%
5	2.770	267	276	279	rBV3	69142	145308	11.24%	0.627%
6	2.819	279	284	289	rVV	204981	364332	28.19%	1.572%
7	3.093	315	329	343	rBV	234389	525212	40.64%	2.267%
8	3.721	422	432	442	rBV2	43252	107121	8.29%	0.462%
9	3.831	442	450	457	rBV2	19269	49490	3.83%	0.214%
10	4.093	487	493	503	rVB2	16692	42436	3.28%	0.183%
11	4.294	516	526	539	rVV	310998	901861	69.78%	3.892%
12	4.422	539	547	560	rVB4	14263	46429	3.59%	0.200%
13	5.184	642	672	687	rBV4	35569	151066	11.69%	0.652%
14	5.379	692	704	710	rBV2	57224	170826	13.22%	0.737%
15	5.465	710	718	726	rBV3	111084	332126	25.70%	1.433%
16	5.544	726	731	737	rVB	48576	114500	8.86%	0.494%
17	5.818	764	776	789	rBV4	68883	220658	17.07%	0.952%
18	5.952	789	798	805	rVV	61108	165582	12.81%	0.715%
19	6.032	805	811	822	rVV2	45479	133133	10.30%	0.575%
20	6.153	822	831	841	rVV4	62159	244874	18.95%	1.057%
21	6.251	841	847	855	rVV2	59078	164865	12.76%	0.712%
22	6.349	855	863	877	rVB2	67145	188798	14.61%	0.815%
23	6.757	921	930	939	rBV2	136494	404772	31.32%	1.747%
24	7.165	989	997	1006	rBV2	47105	107953	8.35%	0.466%
25	7.373	1016	1031	1045	rBV2	282452	704808	54.53%	3.042%
26	7.653	1069	1077	1090	rBV	52839	109254	8.45%	0.472%
27	7.879	1103	1114	1120	rBV4	24663	84849	6.57%	0.366%
28	8.141	1151	1157	1162	rVV	102774	190980	14.78%	0.824%
29	8.190	1162	1165	1174	rVV5	21419	47106	3.64%	0.203%
30	8.305	1174	1184	1191	rVB6	21217	61919	4.79%	0.267%
31	8.501	1208	1216	1225	rVB3	77340	143514	11.10%	0.619%
32	8.598	1225	1232	1235	rBV2	57745	112881	8.73%	0.487%
33	8.647	1235	1240	1248	rVB	284988	488207	37.78%	2.107%
34	8.921	1279	1285	1289	rBV2	26913	42923	3.32%	0.185%
35	8.970	1289	1293	1298	rVB2	41063	61500	4.76%	0.265%
36	9.098	1306	1314	1319	rBV	41797	73365	5.68%	0.317%

Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

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\82X040225W.M
Title : SW846 8260

37	9.159	1319	1324	1329	rBV	55414	87294	6.75%	0.377%
38	9.500	1376	1380	1385	rVV3	29669	59002	4.57%	0.255%
39	9.561	1385	1390	1394	rVV	52546	77347	5.98%	0.334%
40	9.604	1394	1397	1402	rVV3	25459	43684	3.38%	0.189%
41	10.049	1465	1470	1476	rBV	300193	406596	31.46%	1.755%
42	10.299	1508	1511	1517	rVV2	38069	64422	4.98%	0.278%
43	10.775	1578	1589	1593	rBV3	26672	47435	3.67%	0.205%
44	10.957	1614	1619	1628	rBV	253067	331052	25.62%	1.429%
45	11.079	1634	1639	1644	rBV	249187	318718	24.66%	1.376%
46	11.299	1670	1675	1686	rVB	460973	586461	45.38%	2.531%
47	11.610	1721	1726	1734	rVB	71817	97061	7.51%	0.419%
48	11.860	1760	1767	1769	rBV	50204	69535	5.38%	0.300%
49	11.884	1769	1771	1777	rVB	70501	91483	7.08%	0.395%
50	12.018	1788	1793	1799	rBV	307599	383275	29.66%	1.654%
51	12.177	1813	1819	1824	rVB	33076	47128	3.65%	0.203%
52	12.244	1824	1830	1836	rBV2	653123	877729	67.91%	3.788%
53	12.311	1836	1841	1843	rBV	101987	146603	11.34%	0.633%
54	12.402	1852	1856	1862	rBV	60877	76432	5.91%	0.330%
55	12.610	1882	1890	1893	rBV	575745	700653	54.21%	3.024%
56	12.640	1893	1895	1900	rVV	128114	158246	12.24%	0.683%
57	12.695	1900	1904	1912	rVV2	355274	565624	43.77%	2.441%
58	12.835	1920	1927	1932	rVB3	49783	91190	7.06%	0.394%
59	12.921	1932	1941	1946	rBV	350660	479468	37.10%	2.069%
60	13.024	1954	1958	1965	rVB2	77794	115441	8.93%	0.498%
61	13.091	1965	1969	1971	rBV	49885	65491	5.07%	0.283%
62	13.134	1974	1976	1978	rVV2	64671	72016	5.57%	0.311%
63	13.164	1978	1981	1991	rVV	287708	369578	28.60%	1.595%
64	13.286	1991	2001	2008	rVV2	745615	1131645	87.56%	4.884%
65	13.366	2012	2014	2020	rVV	64969	99095	7.67%	0.428%
66	13.420	2020	2023	2032	rVB4	61365	101917	7.89%	0.440%
67	13.506	2032	2037	2039	rBV2	70124	92734	7.18%	0.400%
68	13.542	2039	2043	2046	rVV	145536	200608	15.52%	0.866%
69	13.579	2046	2049	2053	rVV2	188990	265748	20.56%	1.147%
70	13.640	2053	2059	2060	rVV2	86493	151545	11.73%	0.654%
71	13.658	2060	2062	2071	rVB2	168610	268943	20.81%	1.161%
72	13.750	2072	2077	2080	rBV	31981	44648	3.45%	0.193%
73	13.792	2080	2084	2089	rVB3	49240	68108	5.27%	0.294%
74	13.847	2089	2093	2098	rVB2	116082	155132	12.00%	0.670%
75	13.920	2098	2105	2110	rBV2	154752	235048	18.19%	1.014%
76	13.969	2110	2113	2117	rBV	66897	84273	6.52%	0.364%

Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

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\82X040225W.M
Title : SW846 8260

77	14.073	2125	2130	2134	rBV	170049	231991	17.95%	1.001%
78	14.213	2148	2153	2163	rVV2	202456	422705	32.71%	1.824%
79	14.317	2166	2170	2174	rVV	89110	111513	8.63%	0.481%
80	14.371	2175	2179	2183	rVB	150619	195135	15.10%	0.842%
81	14.414	2183	2186	2192	rVB2	36681	51181	3.96%	0.221%
82	14.481	2192	2197	2201	rBV2	151637	228468	17.68%	0.986%
83	14.634	2214	2222	2226	rVV	948218	1292401	100.00%	5.578%
84	14.670	2226	2228	2232	rVV2	64733	75996	5.88%	0.328%
85	14.725	2233	2237	2240	rVV2	31956	43196	3.34%	0.186%
86	14.774	2240	2245	2250	rVV	810372	1091640	84.47%	4.711%
87	14.841	2254	2256	2260	rVV4	33143	46444	3.59%	0.200%
88	14.902	2263	2266	2272	rVV4	21987	50715	3.92%	0.219%
89	14.957	2273	2275	2283	rVB6	24155	42635	3.30%	0.184%
90	15.182	2306	2312	2314	rBV	85227	124422	9.63%	0.537%
91	15.371	2338	2343	2346	rBV	120498	171944	13.30%	0.742%
92	15.408	2346	2349	2354	rVV3	73728	112199	8.68%	0.484%
93	15.475	2354	2360	2372	rVV	367055	605349	46.84%	2.613%
94	15.609	2376	2382	2386	rVV	435517	706528	54.67%	3.049%
95	15.646	2386	2388	2397	rVV	235247	327837	25.37%	1.415%
96	15.737	2398	2403	2408	rVB4	26877	51628	3.99%	0.223%
97	15.835	2410	2419	2429	rVB	114368	315871	24.44%	1.363%
98	15.987	2437	2444	2456	rVB	74370	145016	11.22%	0.626%
99	16.353	2499	2504	2511	rVB2	24779	52075	4.03%	0.225%
100	16.591	2539	2543	2549	rVB2	28544	51088	3.95%	0.220%

Sum of corrected areas: 23170282

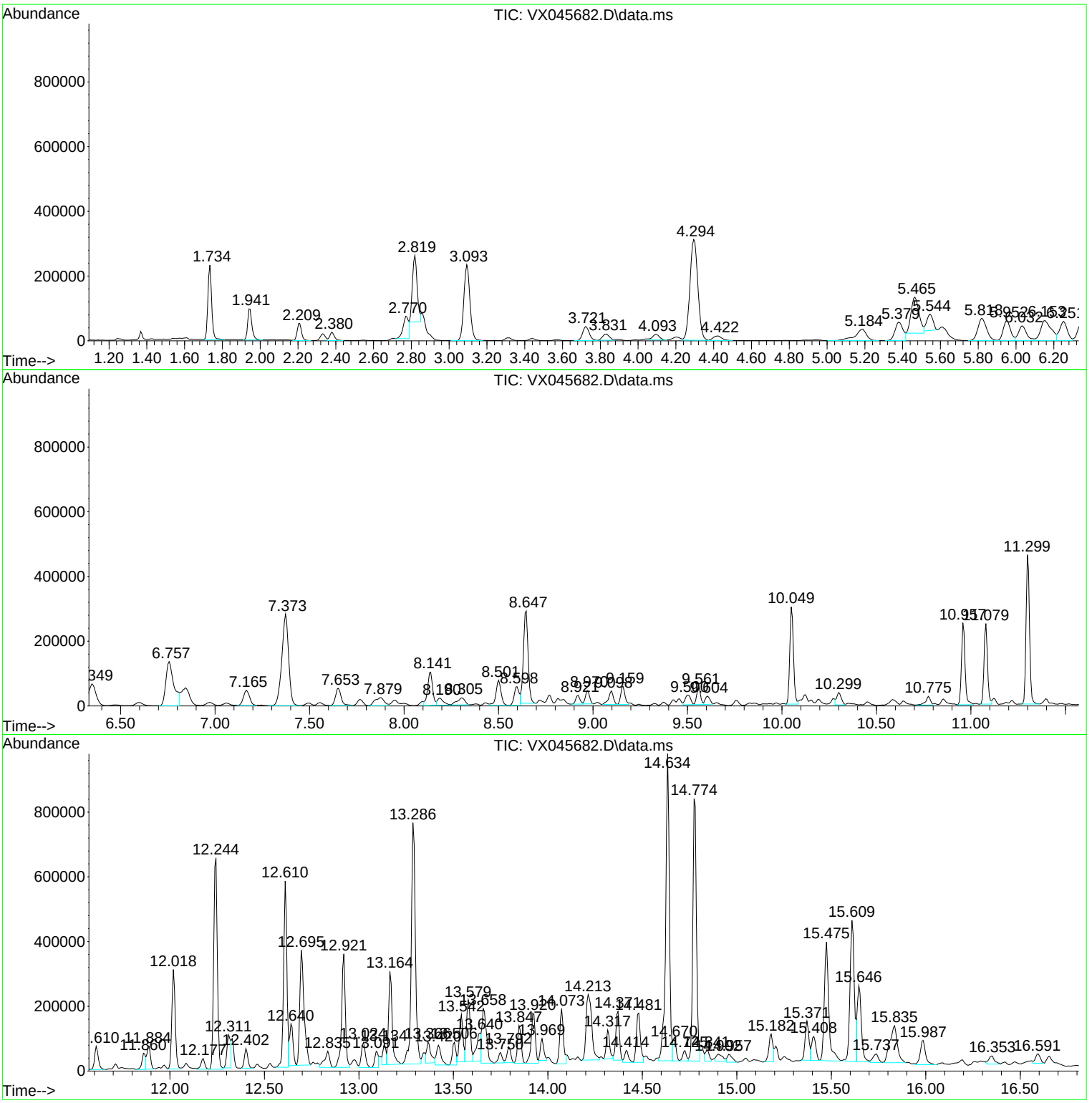
Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

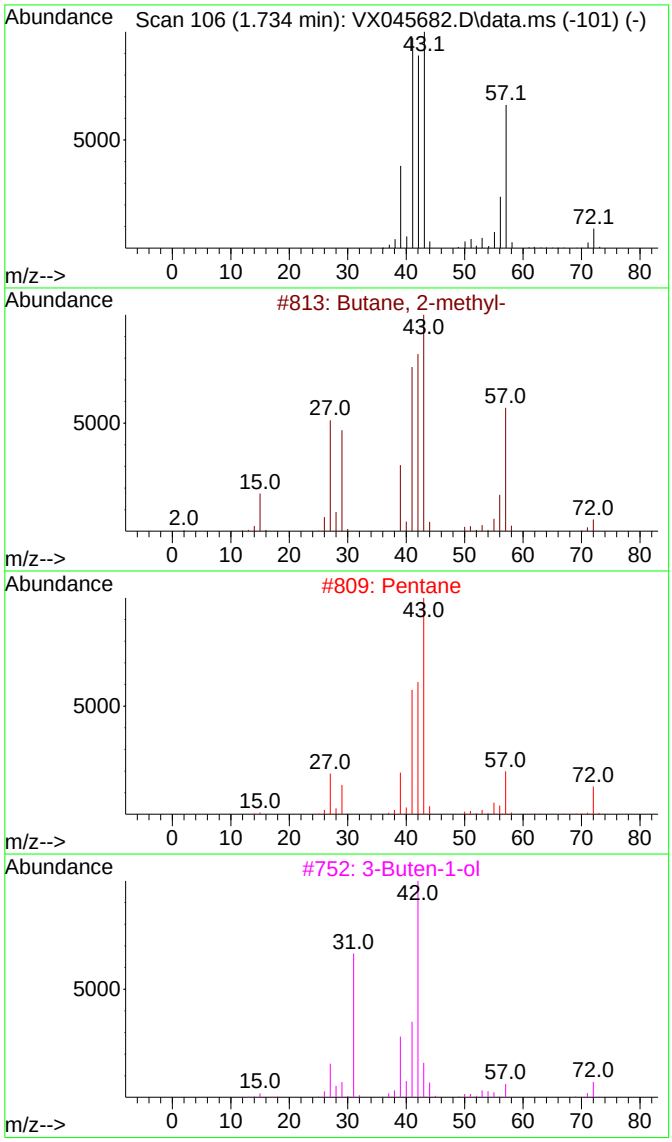
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

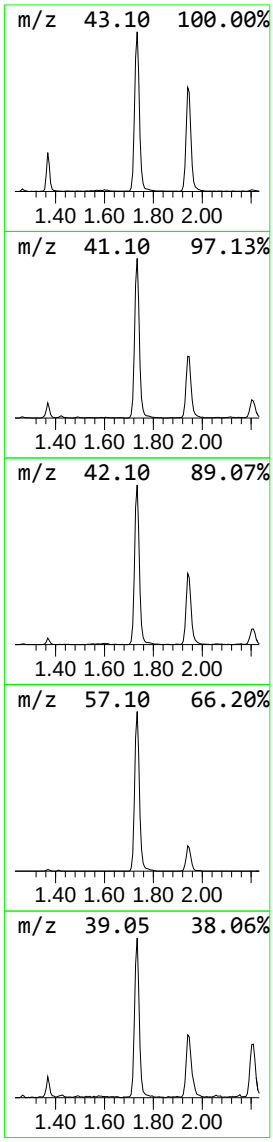
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.734	136.46 ug/l	312485	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	Pentane	72	C5H12	000109-66-0	38
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	1-Butene	56	C4H8	000106-98-9	16
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

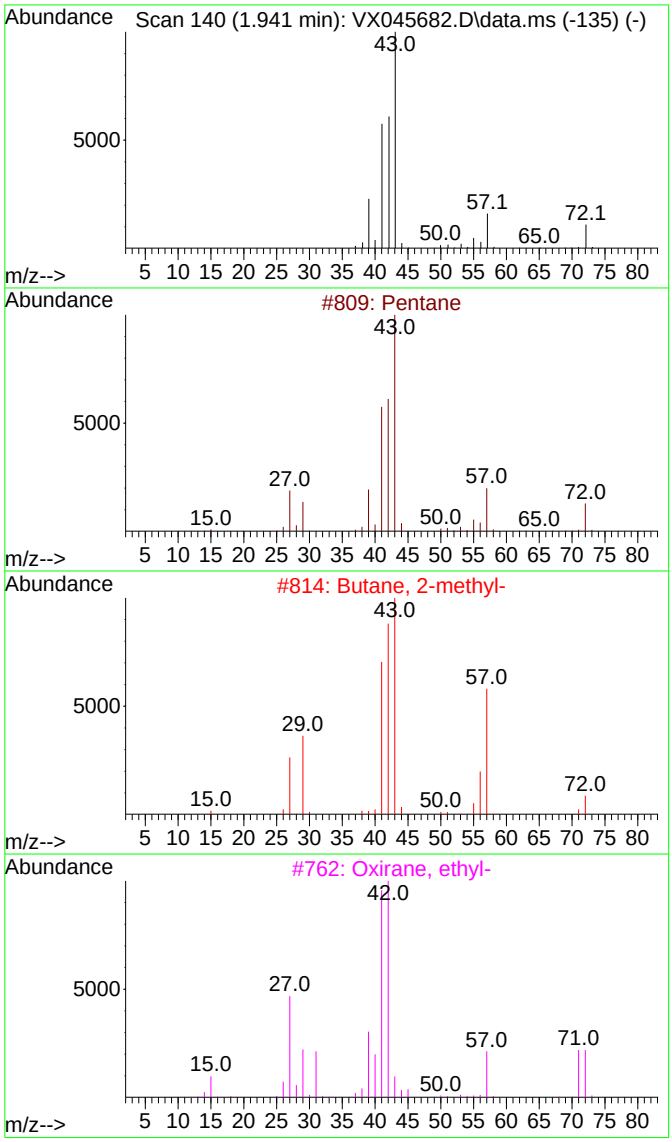
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

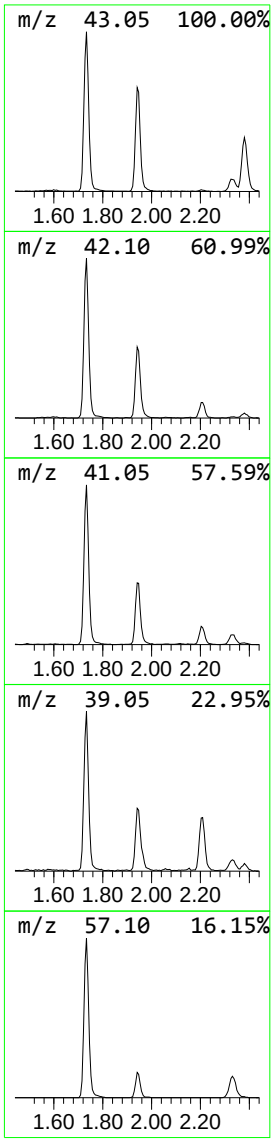
****

Peak Number 2 Pentane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.941	64.58 ug/l	147878	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	32
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

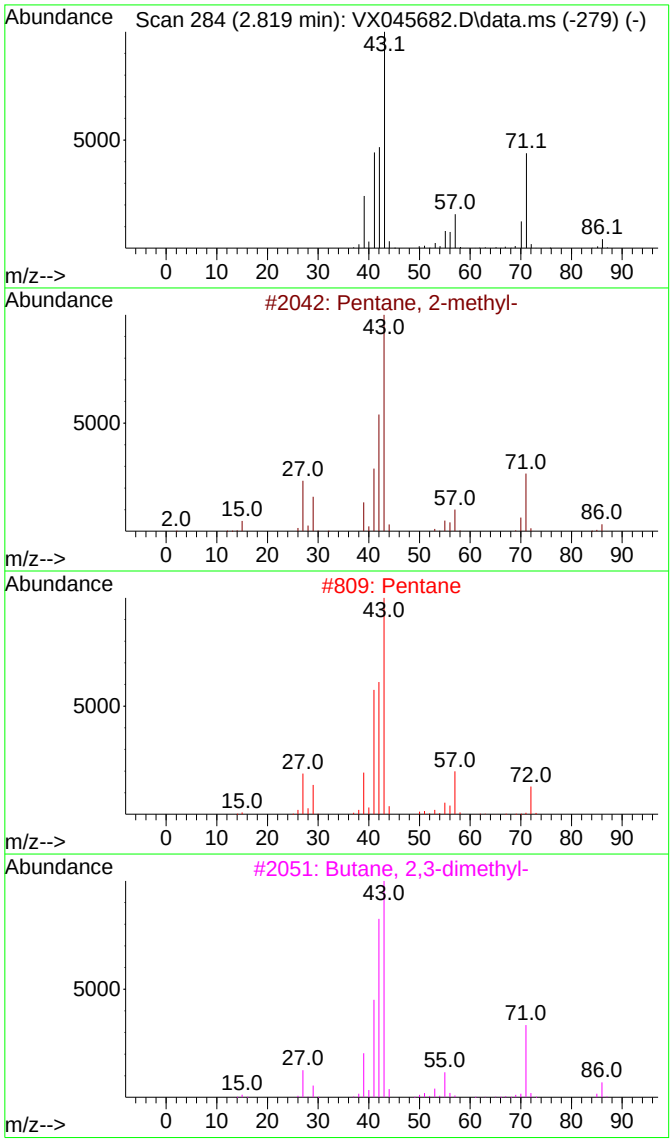
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

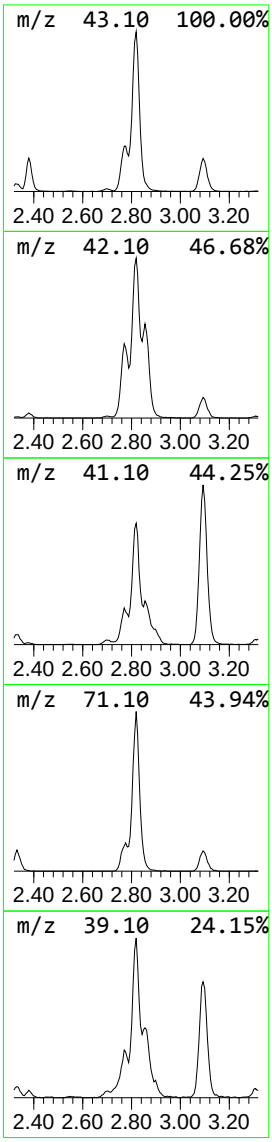
****

Peak Number 3 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	159.10 ug/l	364332	Pentafluorobenzene	5.544

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	47
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25





Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

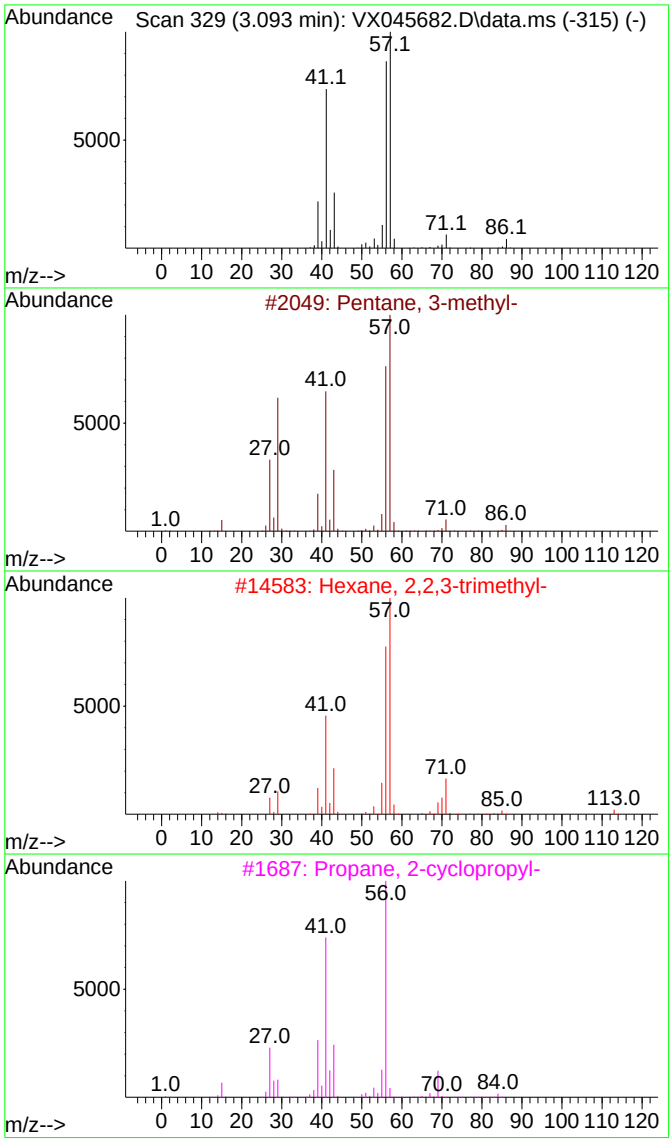
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

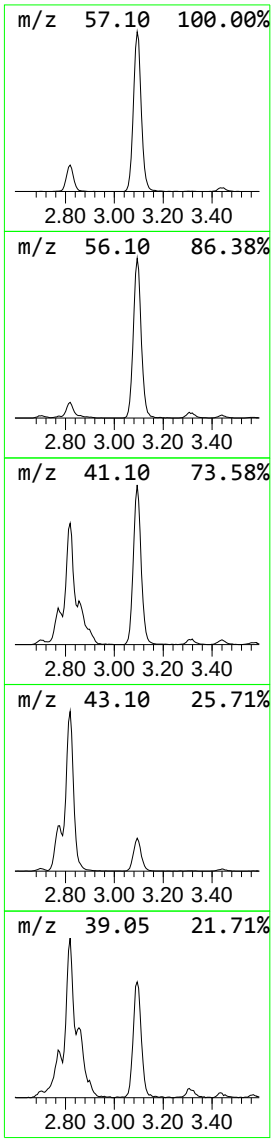
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	229.35 ug/l	525212	Pentafluorobenzene	5.544

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	78
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

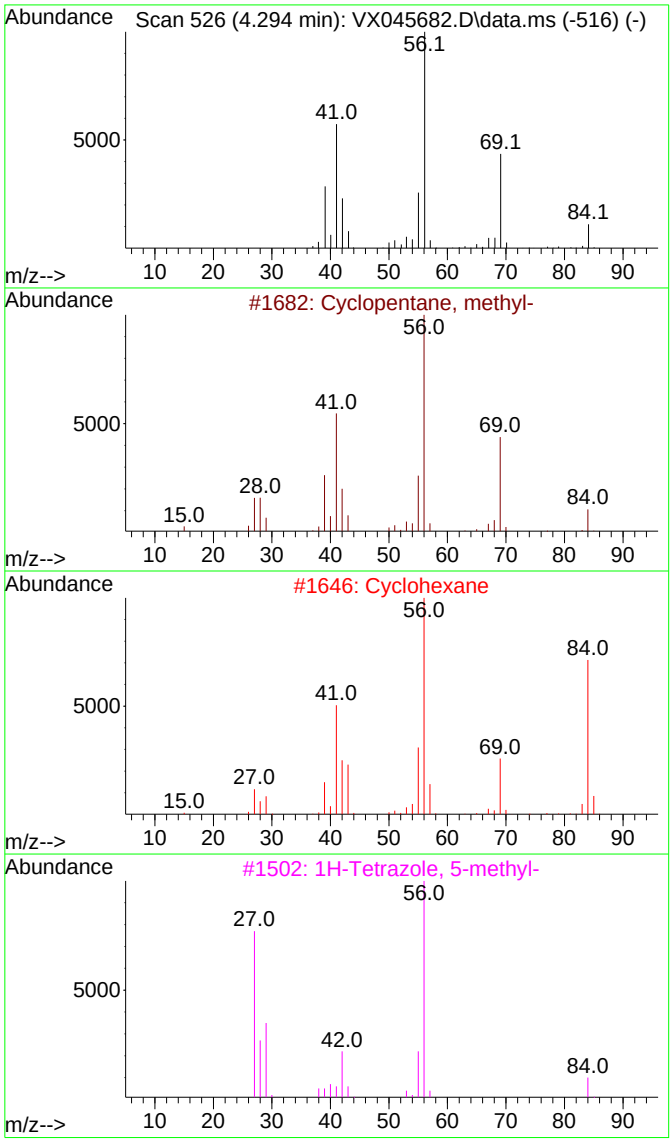
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

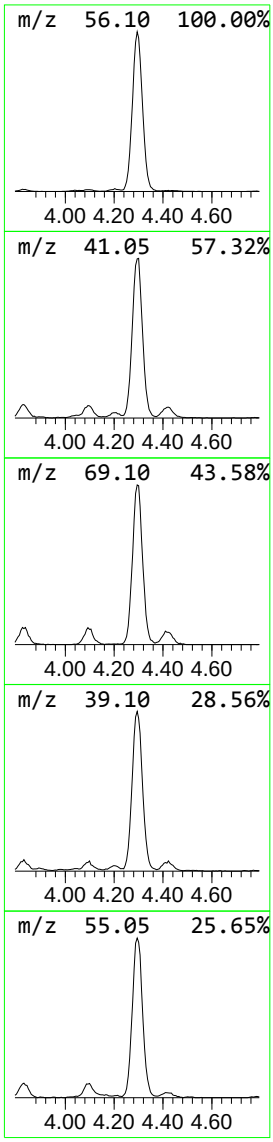
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	393.83 ug/l	901861	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

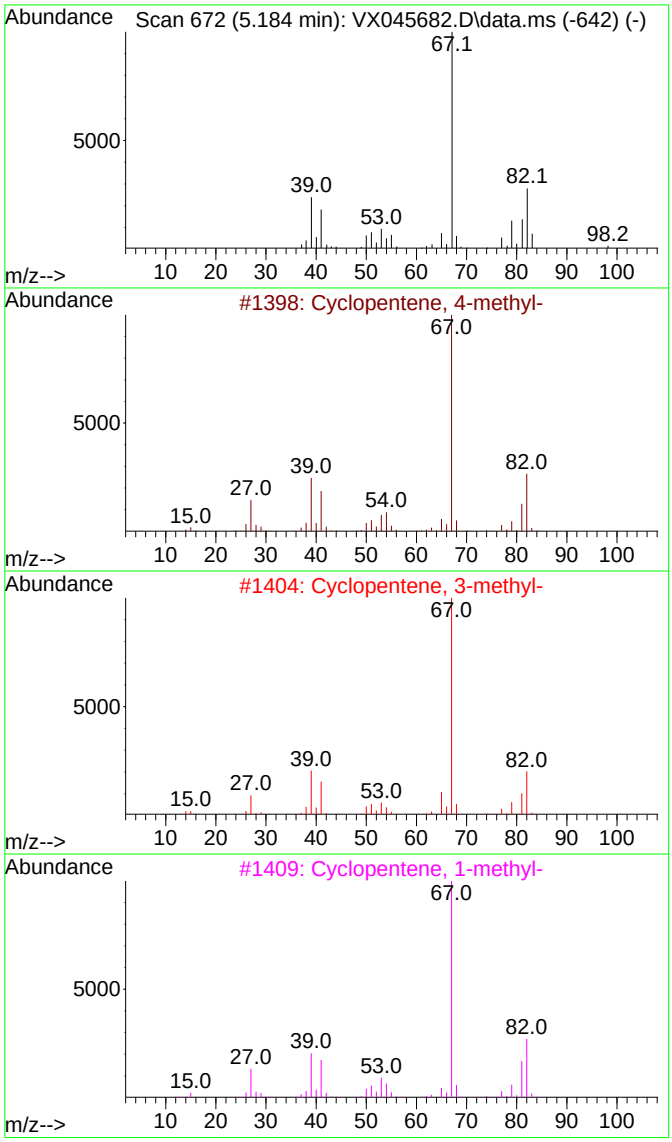
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

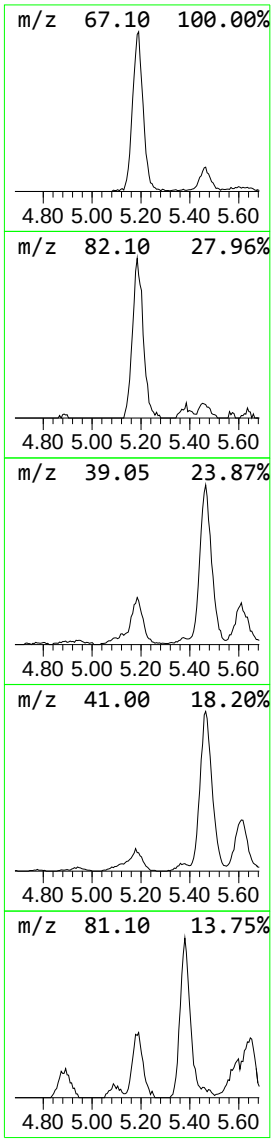
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.184	65.97 ug/l	151066	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	81
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

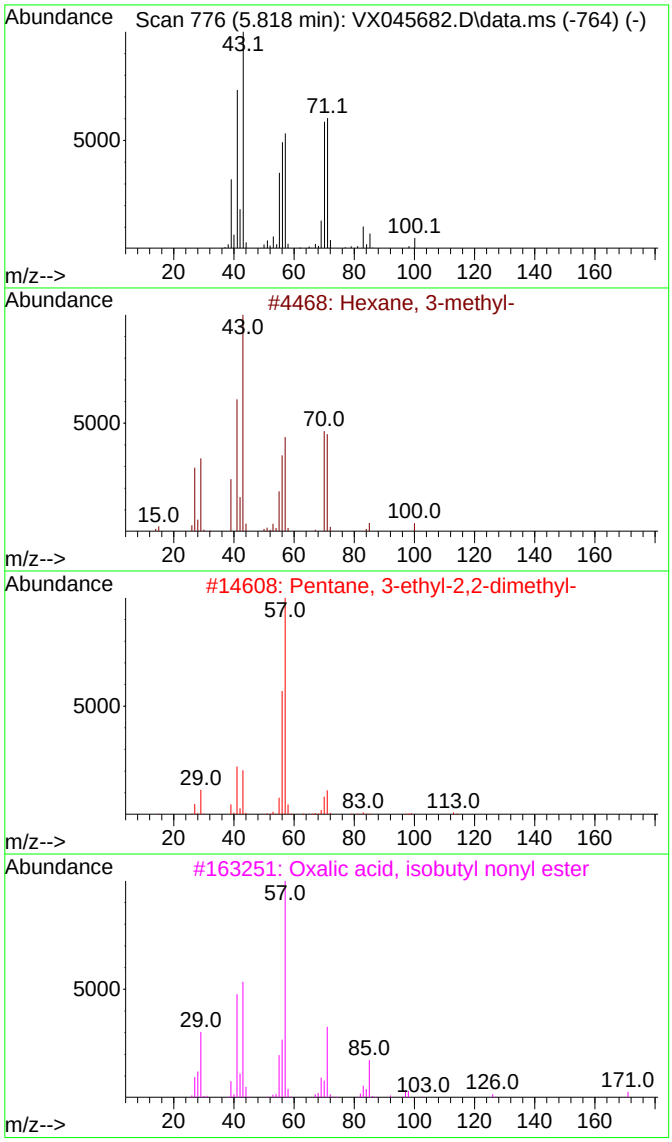
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

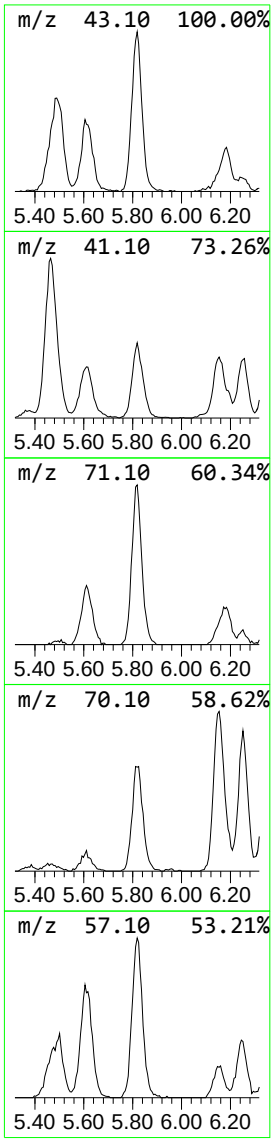
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	96.36 ug/l	220658	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

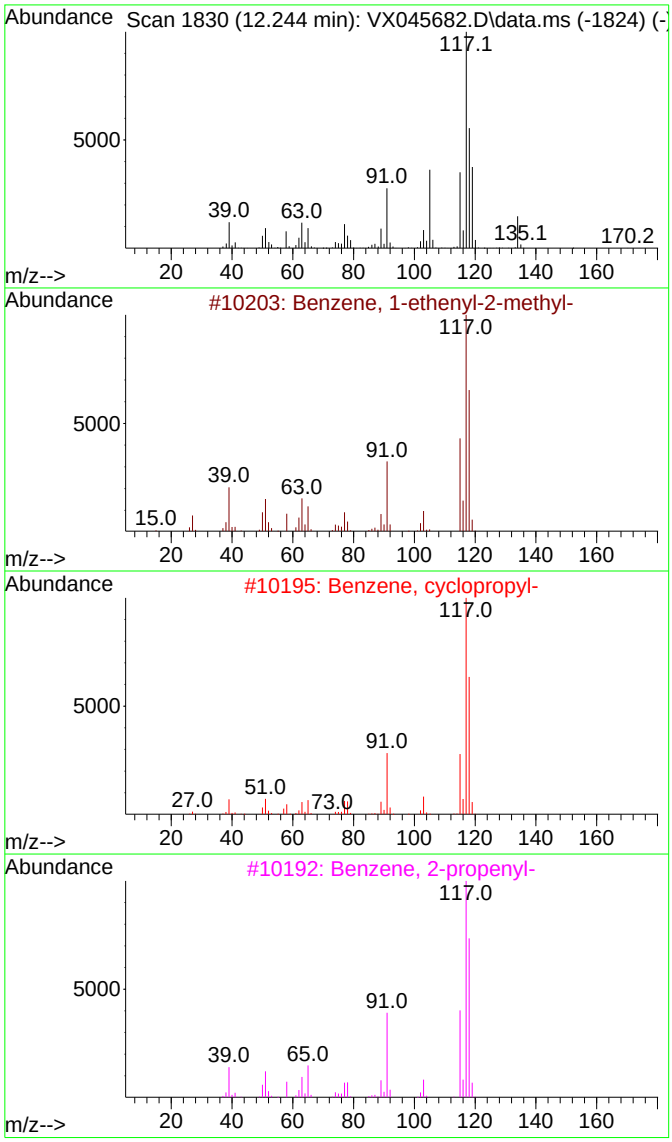
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

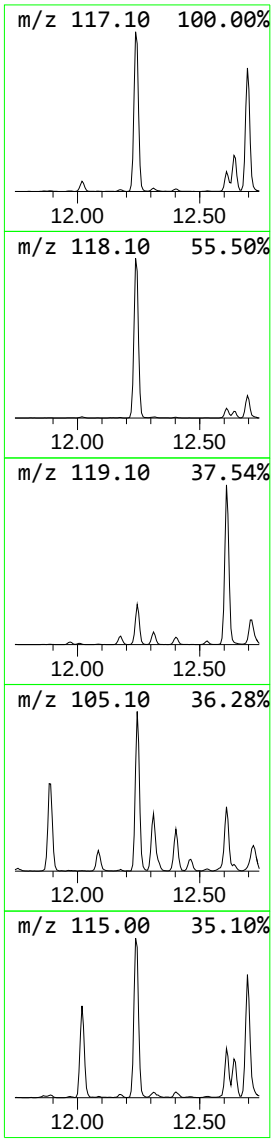
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	114.50 ug/l	877729	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

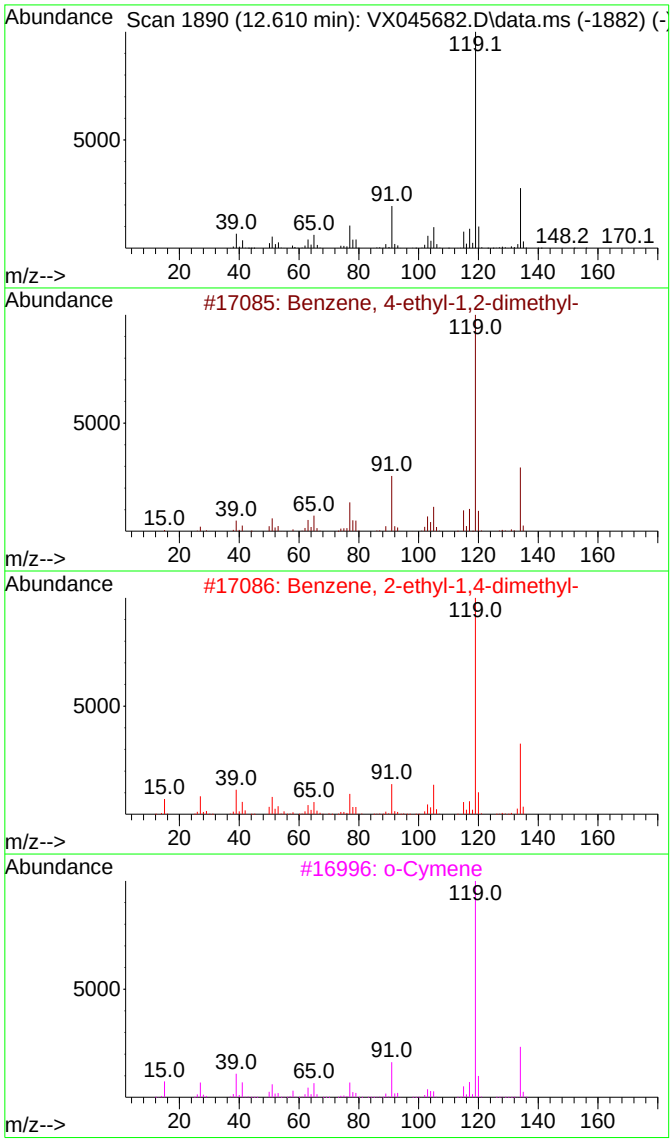
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

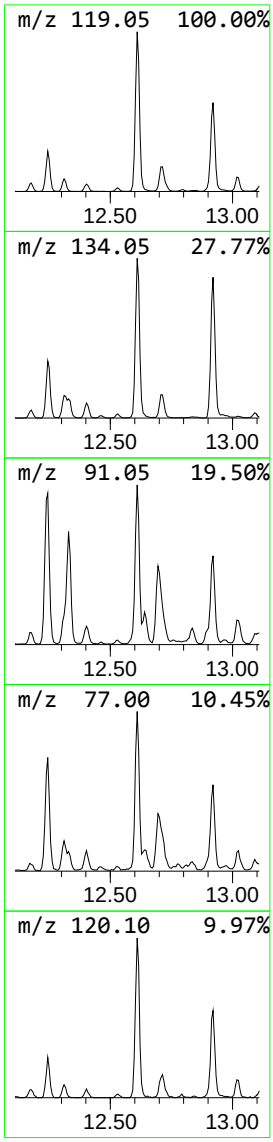
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	91.40 ug/l	700653	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-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

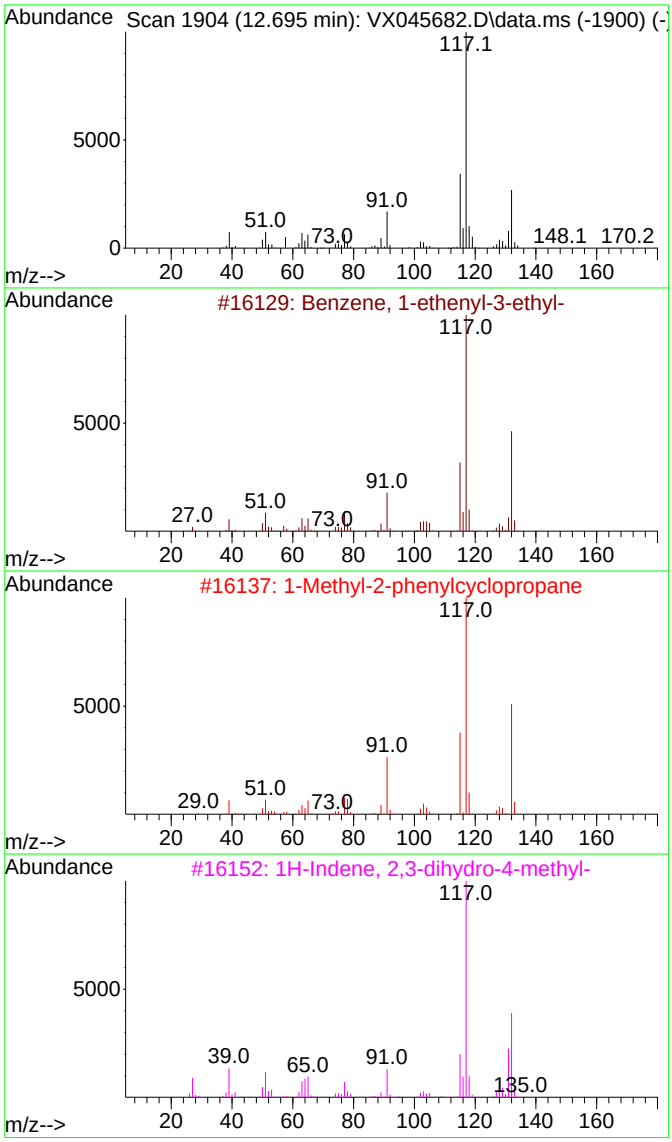
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

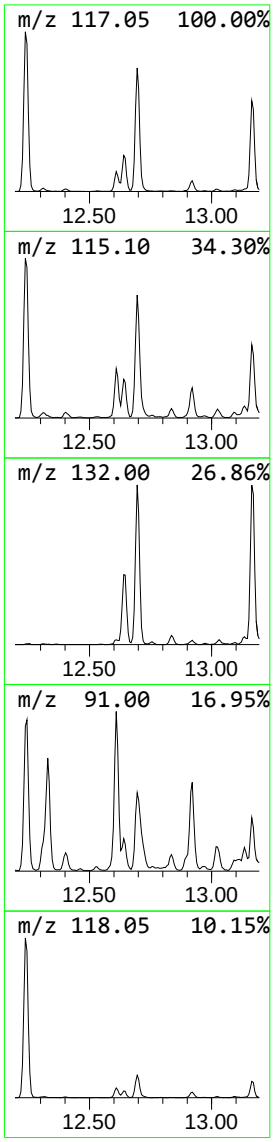
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	73.79 ug/l	565624	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	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

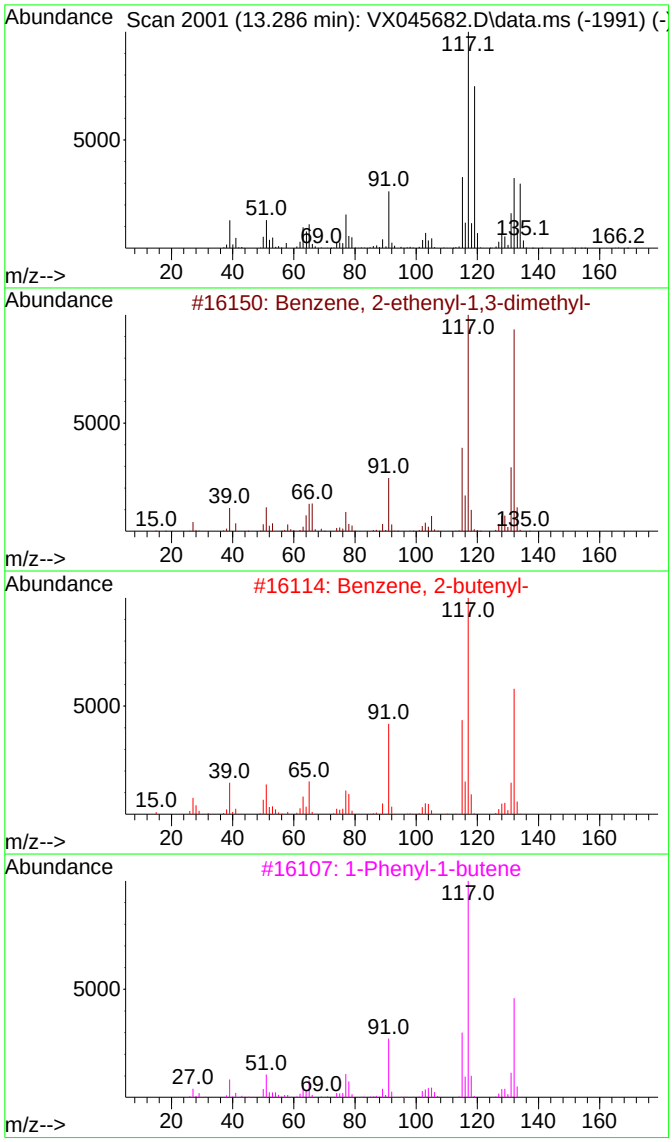
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

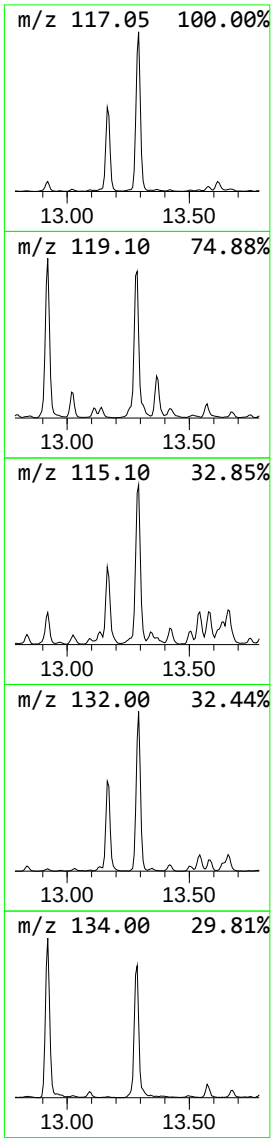
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	147.63 ug/l	1131650	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

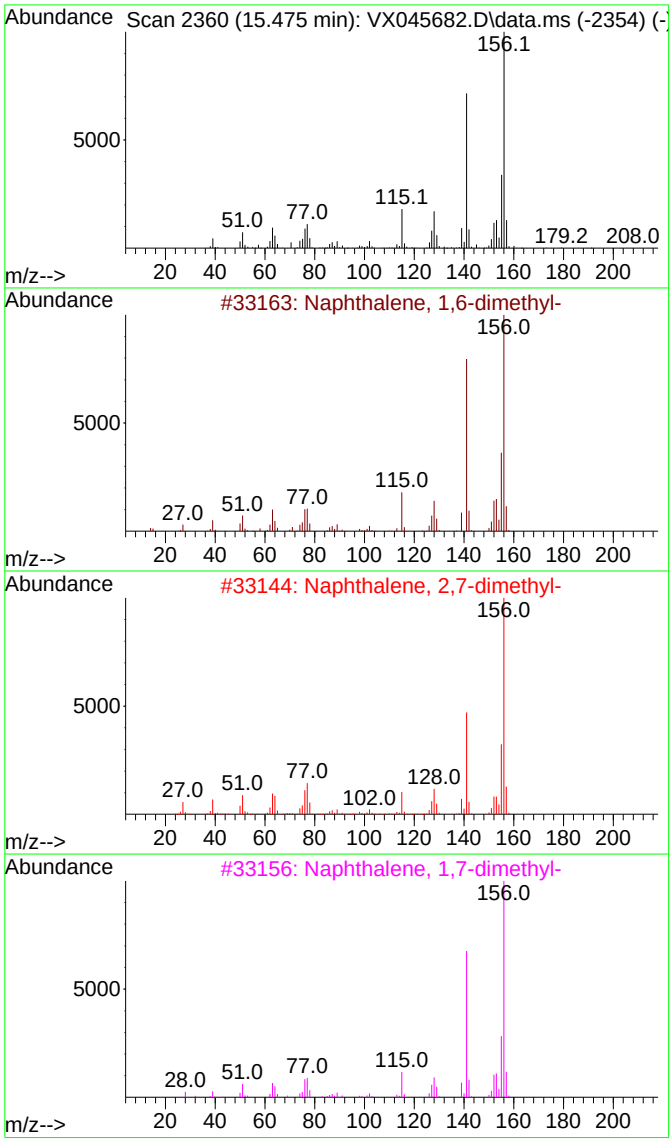
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

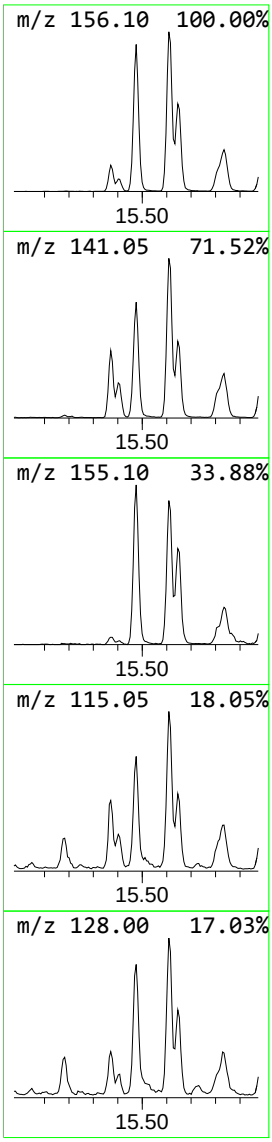
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	78.97 ug/l	605349	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

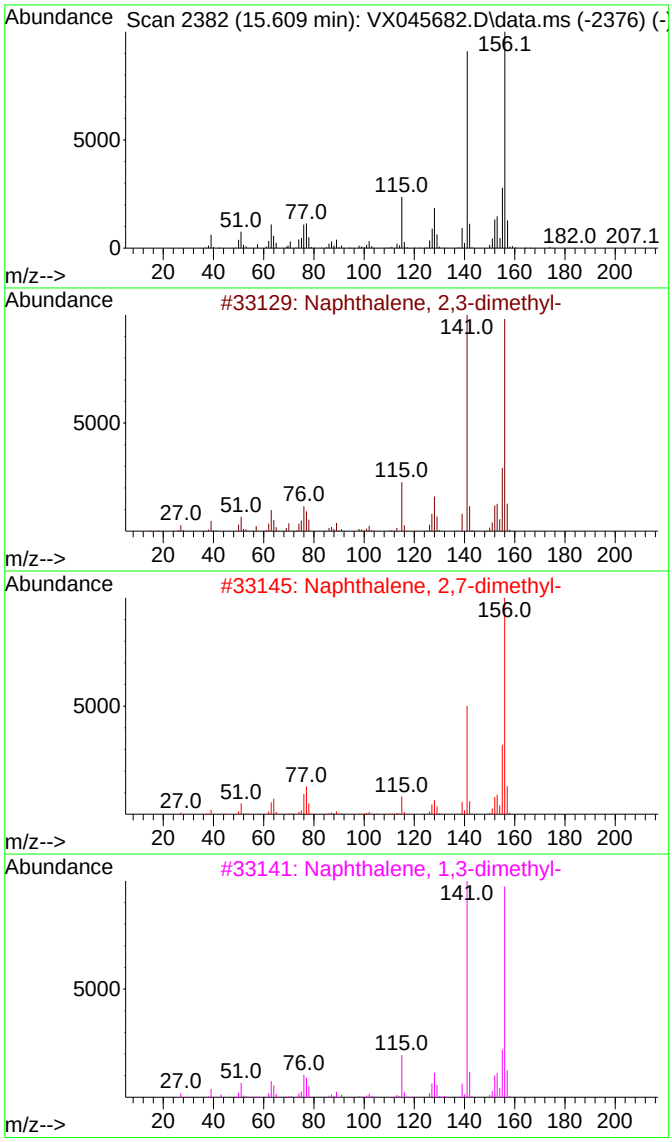
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

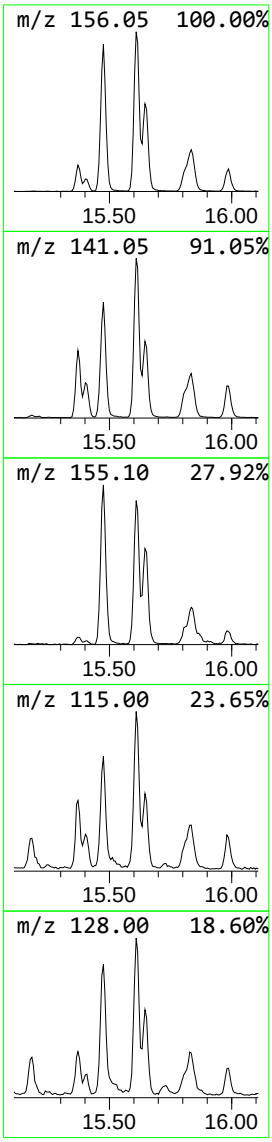
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	92.17 ug/l	706528	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.734	136.5	ug/l	312485	1	5.544	114500	50.0
Pentane	1.941	64.6	ug/l	147878	1	5.544	114500	50.0
Pentane, 2-methyl-	2.819	159.1	ug/l	364332	1	5.544	114500	50.0
Pentane, 3-methyl-	3.093	229.3	ug/l	525212	1	5.544	114500	50.0
Cyclopentane, m...	4.294	393.8	ug/l	901861	1	5.544	114500	50.0
Cyclopentene, 4...	5.184	66.0	ug/l	151066	1	5.544	114500	50.0
Hexane, 3-methyl-	5.818	96.4	ug/l	220658	1	5.544	114500	50.0
Benzene, 1-ethe...	12.244	114.5	ug/l	877729	4	12.018	383275	50.0
Benzene, 4-ethy...	12.610	91.4	ug/l	700653	4	12.018	383275	50.0
Benzene, 1-ethe...	12.695	73.8	ug/l	565624	4	12.018	383275	50.0
Benzene, 2-ethe...	13.286	147.6	ug/l	1131650	4	12.018	383275	50.0
Naphthalene, 1,...	15.475	79.0	ug/l	605349	4	12.018	383275	50.0
Naphthalene, 2,...	15.609	92.2	ug/l	706528	4	12.018	383275	50.0

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.1
Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.1
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4
Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.2
Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.3
Trichlorofluoromethane	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.2
1,1,2-Trichlorotrifluoroethane	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.7
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5
Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.3
Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.2
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2
Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.2
Methylene Chloride	0.692	0.695	0.726	0.709	0.705	0.690	0.703	2
trans-1,2-Dichloroethene	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.9
1,1-Dichloroethane	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3
Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5
cis-1,2-Dichloroethene	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.4
Bromochloromethane	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.2
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5
Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.8
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7
1,2-Dichloropropane	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.8
Bromodichloromethane	0.521	0.519	0.576	0.572	0.587	0.583	0.560	5.6
4-Methyl-2-Pentanone	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.6
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.3
cis-1,3-Dichloropropene	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.9
1,1,2-Trichloroethane	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.1
2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.1
Dibromochloromethane	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.1
1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.1
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.8
Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.1
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
1,1,2,2-Tetrachloroethane	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.4
1,3-Dichlorobenzene	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.7
1,4-Dichlorobenzene	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.1
1,2-Dichlorobenzene	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.3
1,2-Dibromo-3-Chloropropane	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.4
1,2,4-Trichlorobenzene	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.1
1,2,3-Trichlorobenzene	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.6
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025
Response Via : Initial Calibration

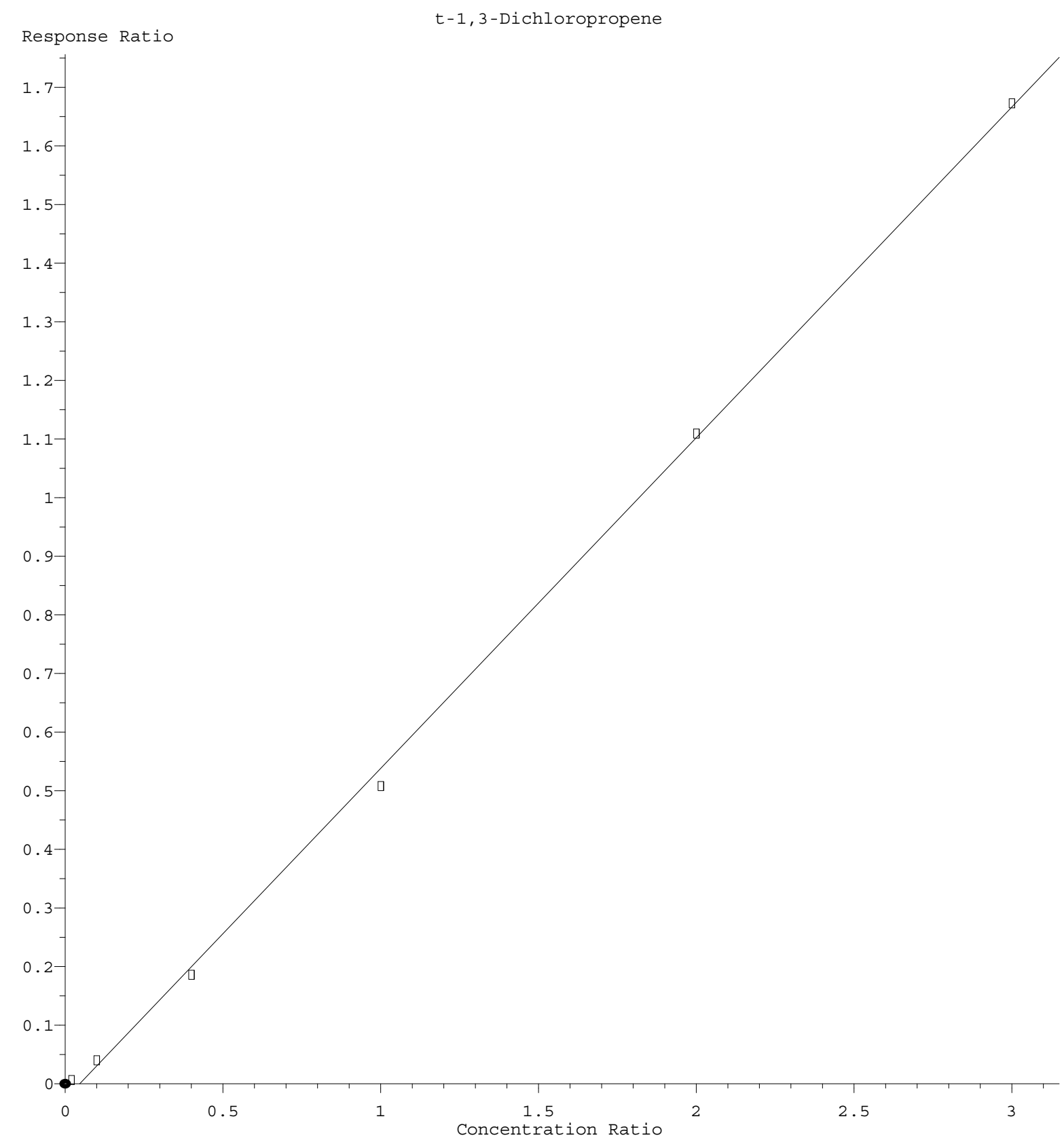
Calibration Files
1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3)	P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4)	C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5)	T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6)	T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7)	T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8)	T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9)	T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10)	T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11)	T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12)	CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13)	T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14)	T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15)	T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16)	T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17)	T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18)	T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19)	T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20)	T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21)	T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22)	T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23)	T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24)	P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25)	T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26)	T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27)	T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28)	T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29)	T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30)	C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31)	T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32)	T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33)	S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36)	T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37)	T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38)	T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39)	T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40)	TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41)	T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42)	TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43)	T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44)	TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45)	C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46)	T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47)	T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48)	T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49)	T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50)	S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51)	T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52)	CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53)	T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54)	T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55)	T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56)	T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range



Response = 5.639e-001 * Amt - 2.582e-002
Coef of Det (r^2) = 0.999232 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M
Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	1189	0.822	ug/l		94
3) Chloromethane	1.307	50	1479	0.995	ug/l	#	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l		98
6) Chloroethane	1.673	64	732	1.014	ug/l	#	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l		93
8) Diethyl Ether	2.130	74	668	0.981	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l		94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l		95
14) Allyl chloride	2.660	41	2113	0.959	ug/l		93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l		95
16) Acetone	2.380	43	3867	5.323	ug/l		98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l	#	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l		91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l		92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l		91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l	#	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l	#	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l	#	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l		92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l		85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l		80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l	#	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l		97
30) Chloroform	5.093	83	2406	0.953	ug/l		84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l	#	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l	#	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l	#	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l	#	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l	#	89
40) Benzene	6.038	78	4957	0.967	ug/l		97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l		
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l		86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l	#	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l		90

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l		90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l	#	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l		92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l		100
52) Toluene	8.720	92	2863	0.923	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l		90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l	#	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l		
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l		91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l		93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l		85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l		96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l		92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l	#	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l		90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l		97
69) o-Xylene	10.640	106	1724	0.820	ug/l		83
70) Styrene	10.659	104	2750	0.793	ug/l		94
71) Bromoform	10.805	173	675	0.795	ug/l	#	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l		95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l		
77) Bromobenzene	11.201	156	1072	0.948	ug/l		95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l		97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l		100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l		96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l		99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l		98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l		
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l		99
90) Hexachloroethane	12.543	117	602	0.863	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l	#	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l		94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l		90
95) Naphthalene	13.780	128	3109	0.733	ug/l		99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l		88

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

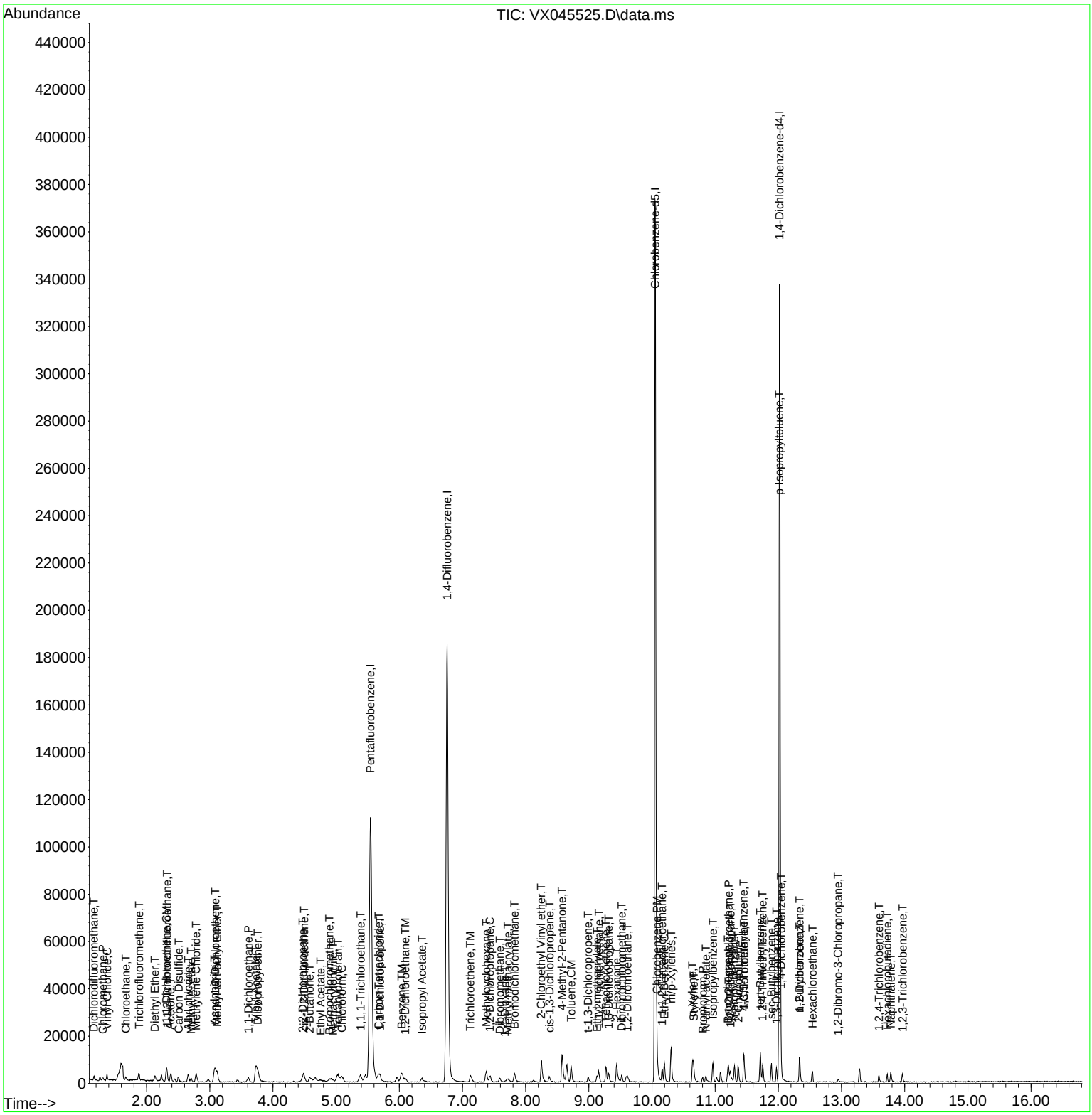
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.520%#			
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.480%#			
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.160%#			
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.160%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l		92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l		100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l		97
44) Trichloroethene	7.129	130	5355	4.635	ug/l		99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l		99
46) Dibromomethane	7.580	93	4767	5.120	ug/l		99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l	#	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l		98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l		97
52) Toluene	8.714	92	14391	4.893	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l		90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l		95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l		99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l		99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l		99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l		98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l		93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l		97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l		97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l		99
69) o-Xylene	10.640	106	9735	4.932	ug/l		99
70) Styrene	10.653	104	15017	4.610	ug/l		96
71) Bromoform	10.799	173	3634	4.558	ug/l	#	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l		100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l		
77) Bromobenzene	11.195	156	5927	5.011	ug/l		97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l		98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l		85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l		99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l		99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l		100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l		93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l		98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l		95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l		98
95) Naphthalene	13.774	128	19618	4.424	ug/l		97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

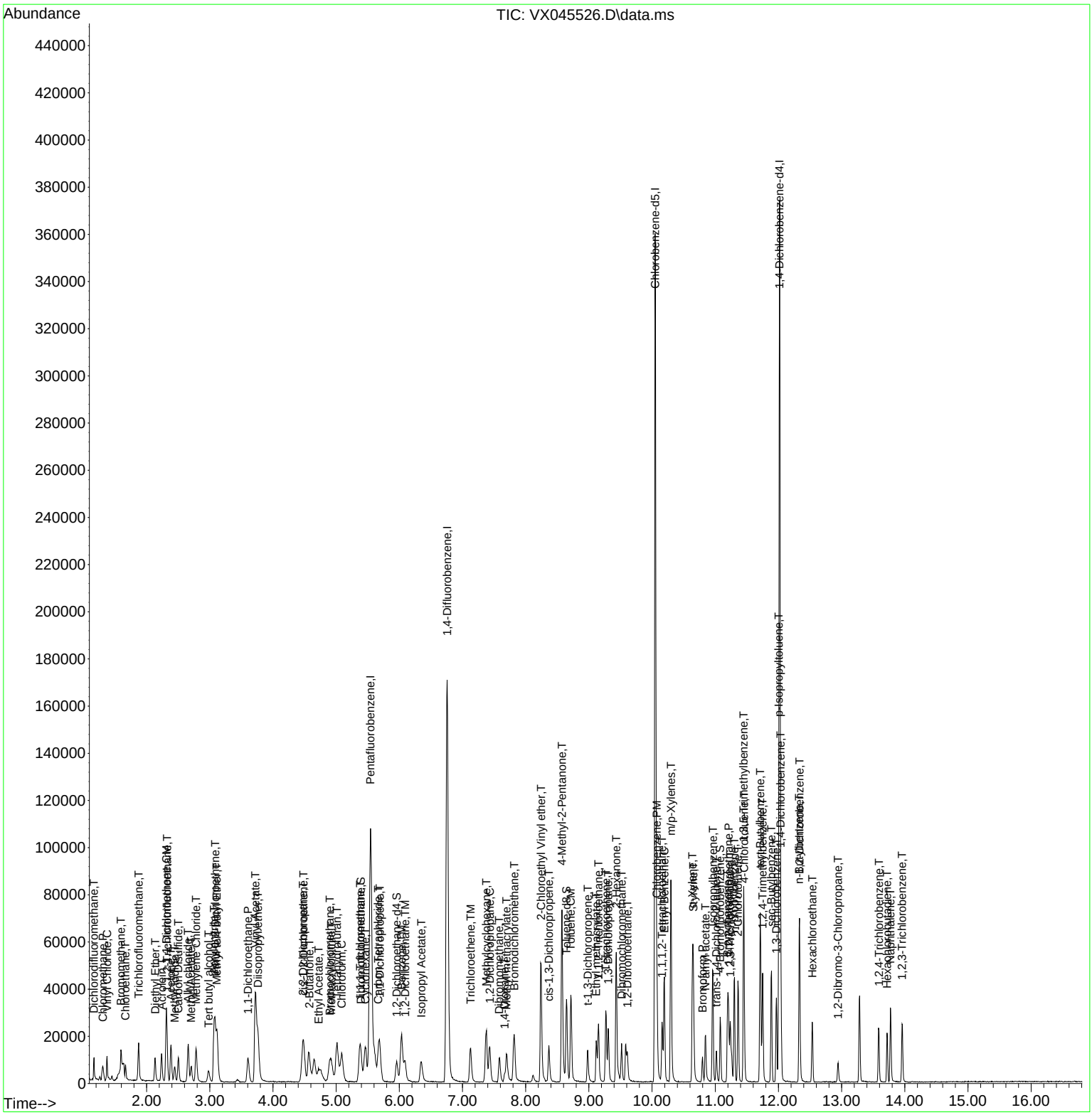
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l		97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l		100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l		99
44) Trichloroethene	7.123	130	22918	20.501	ug/l		97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l		90
46) Dibromomethane	7.580	93	19104	21.207	ug/l		99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l		99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l		99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l		99
52) Toluene	8.714	92	60357	21.208	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l		96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l		99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l		100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l		99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l		98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l		99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l		98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l		98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l		99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l		99
69) o-Xylene	10.640	106	41803	21.158	ug/l		100
70) Styrene	10.653	104	69290	21.249	ug/l		99
71) Bromoform	10.799	173	15659	19.619	ug/l	#	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l		100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l		
77) Bromobenzene	11.195	156	24902	20.592	ug/l		100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l		98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l		88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l		99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l		100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l		100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l		99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l		100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l		98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l		97
95) Naphthalene	13.774	128	94875	20.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

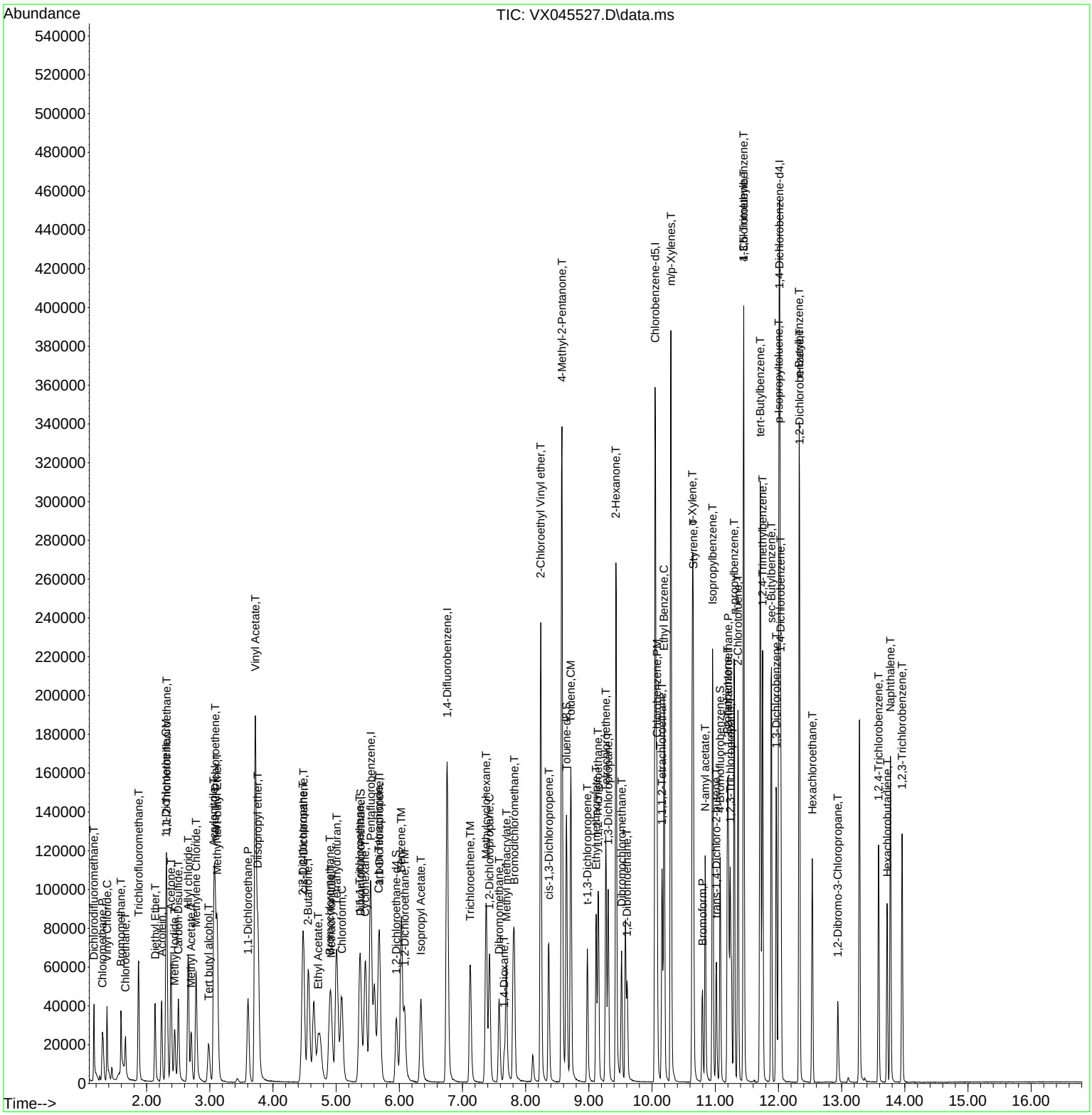
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.960%			
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l		100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l		100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l		100
44) Trichloroethene	7.123	130	59042	50.452	ug/l		100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l		100
46) Dibromomethane	7.574	93	49125	52.092	ug/l		100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l		100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l		100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l		100
52) Toluene	8.714	92	153143	51.402	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l		100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l		100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l		100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l		100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l		100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l		100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l		100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l		100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l		100
69) o-Xylene	10.640	106	108028	52.452	ug/l		100
70) Styrene	10.653	104	182620	53.723	ug/l		100
71) Bromoform	10.799	173	44397	53.361	ug/l	#	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l		100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l		
77) Bromobenzene	11.195	156	64527	50.686	ug/l		100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l		100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l		100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l		100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l		100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l		100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l		100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l		100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l		100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l		100
95) Naphthalene	13.774	128	256009	53.643	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

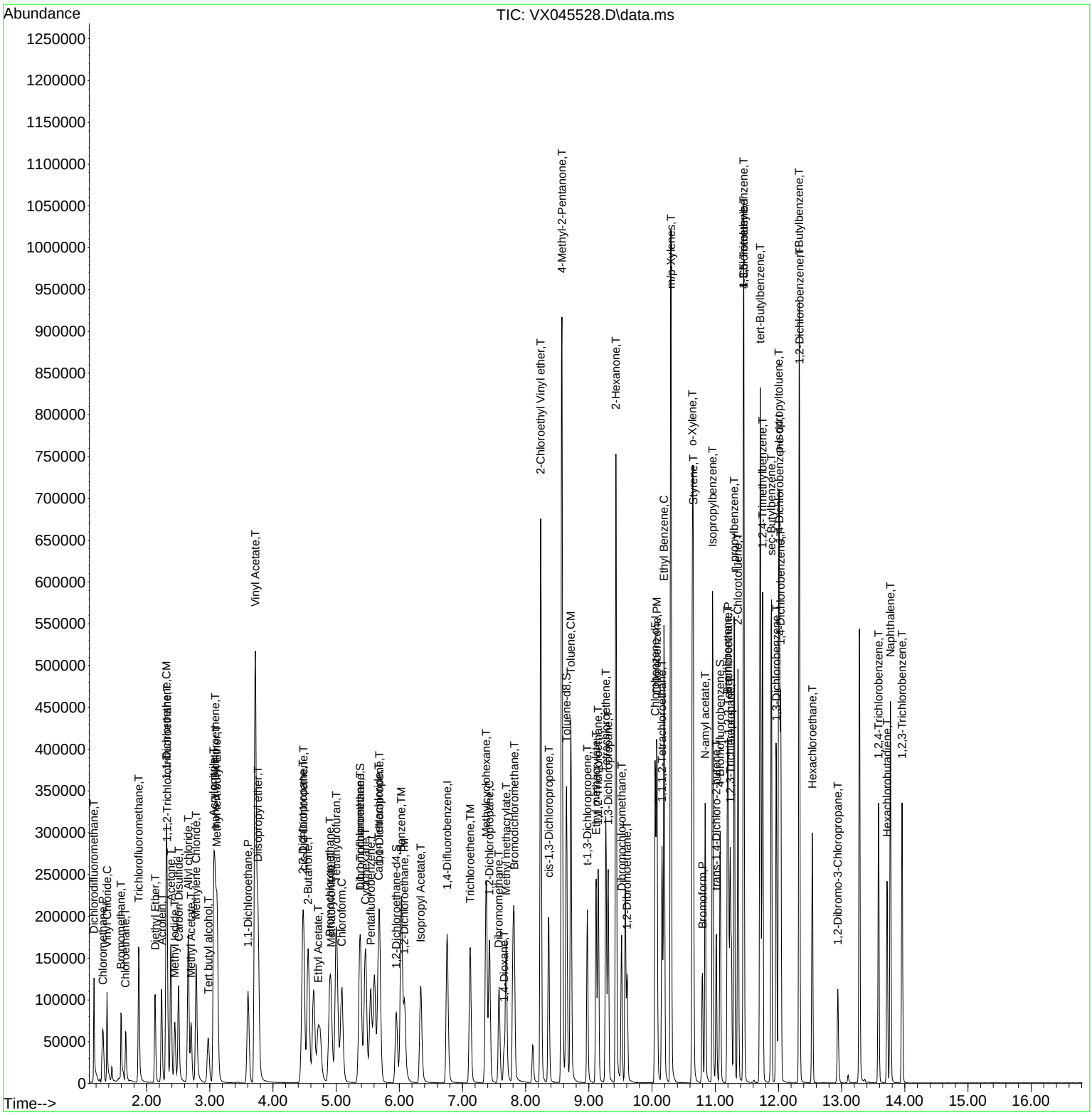
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068 ug/l		99
42) 1,2-Dichloroethane	6.080	62	189528	102.696 ug/l		100
43) Isopropyl Acetate	6.336	43	305974	109.494 ug/l		100
44) Trichloroethene	7.123	130	107332	101.062 ug/l		97
45) 1,2-Dichloropropane	7.421	63	115731	103.806 ug/l		98
46) Dibromomethane	7.574	93	87381	102.101 ug/l		97
47) Bromodichloromethane	7.818	83	179265	104.886 ug/l		98
48) Methyl methacrylate	7.690	41	158241	109.675 ug/l		99
49) 1,4-Dioxane	7.665	88	52624	2015.906 ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814 ug/l		99
52) Toluene	8.714	92	276323	102.199 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645 ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521 ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361 ug/l		98
56) Ethyl methacrylate	9.116	69	192034	115.168 ug/l		99
57) 1,3-Dichloropropane	9.305	76	192473	102.588 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696 ug/l		100
59) 2-Hexanone	9.427	43	738772	538.538 ug/l		99
60) Dibromochloromethane	9.519	129	128700	109.570 ug/l		98
61) 1,2-Dibromoethane	9.604	107	115919	106.282 ug/l		99
64) Tetrachloroethene	9.269	164	90817	94.325 ug/l		99
65) Chlorobenzene	10.073	112	296300	101.682 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243 ug/l		99
67) Ethyl Benzene	10.189	91	543568	104.152 ug/l		99
68) m/p-Xylenes	10.299	106	394241	207.694 ug/l		100
69) o-Xylene	10.640	106	195381	104.487 ug/l		99
70) Styrene	10.653	104	335333	108.654 ug/l		100
71) Bromoform	10.799	173	83632	110.714 ug/l	#	97
73) Isopropylbenzene	10.957	105	522436	100.944 ug/l		100
74) N-amyl acetate	10.842	43	275462	111.267 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744 ug/l		
77) Bromobenzene	11.195	156	119561	99.983 ug/l		99
78) n-propylbenzene	11.299	91	622679	104.454 ug/l		100
79) 2-Chlorotoluene	11.360	91	376682	98.840 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704 ug/l		95
82) 4-Chlorotoluene	11.451	91	432884	101.877 ug/l		99
83) tert-Butylbenzene	11.713	119	437649	103.292 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414 ug/l		99
85) sec-Butylbenzene	11.890	105	546857	105.082 ug/l		100
86) p-Isopropyltoluene	12.006	119	453109	105.609 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749 ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047 ug/l		98
89) n-Butylbenzene	12.329	91	420694	113.075 ug/l		99
90) Hexachloroethane	12.536	117	80489	109.160 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214 ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106 ug/l		99
94) Hexachlorobutadiene	13.725	225	53636	103.326 ug/l		98
95) Naphthalene	13.774	128	499719	111.473 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

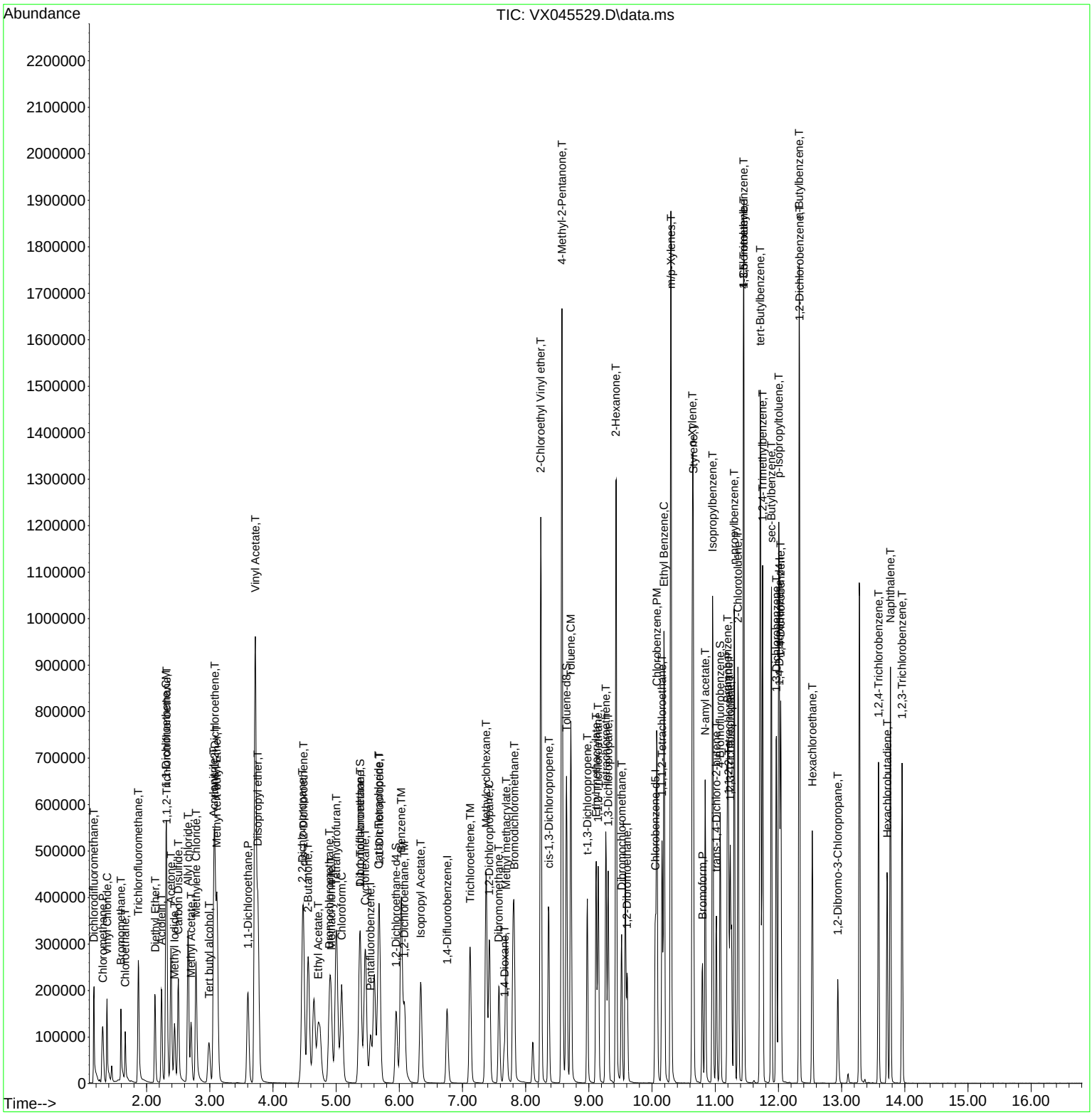
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l		98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l		100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l		99
44) Trichloroethene	7.117	130	170940	153.599	ug/l		95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l		98
46) Dibromomethane	7.574	93	135415	150.996	ug/l		98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l		98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l		99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l		99
52) Toluene	8.714	92	420015	148.245	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l		98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l		98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l		99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l		100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l		99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l		98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l		99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l		99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l		99
69) o-Xylene	10.640	106	285670	156.241	ug/l		100
70) Styrene	10.653	104	480722	159.299	ug/l		99
71) Bromoform	10.799	173	126115	170.743	ug/l	#	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l		100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l		
77) Bromobenzene	11.195	156	171573	151.033	ug/l		99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l		100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l		93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l		99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l		100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l		100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l		99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l		100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l		99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l		99
95) Naphthalene	13.774	128	733300	172.191	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

ICAL Form

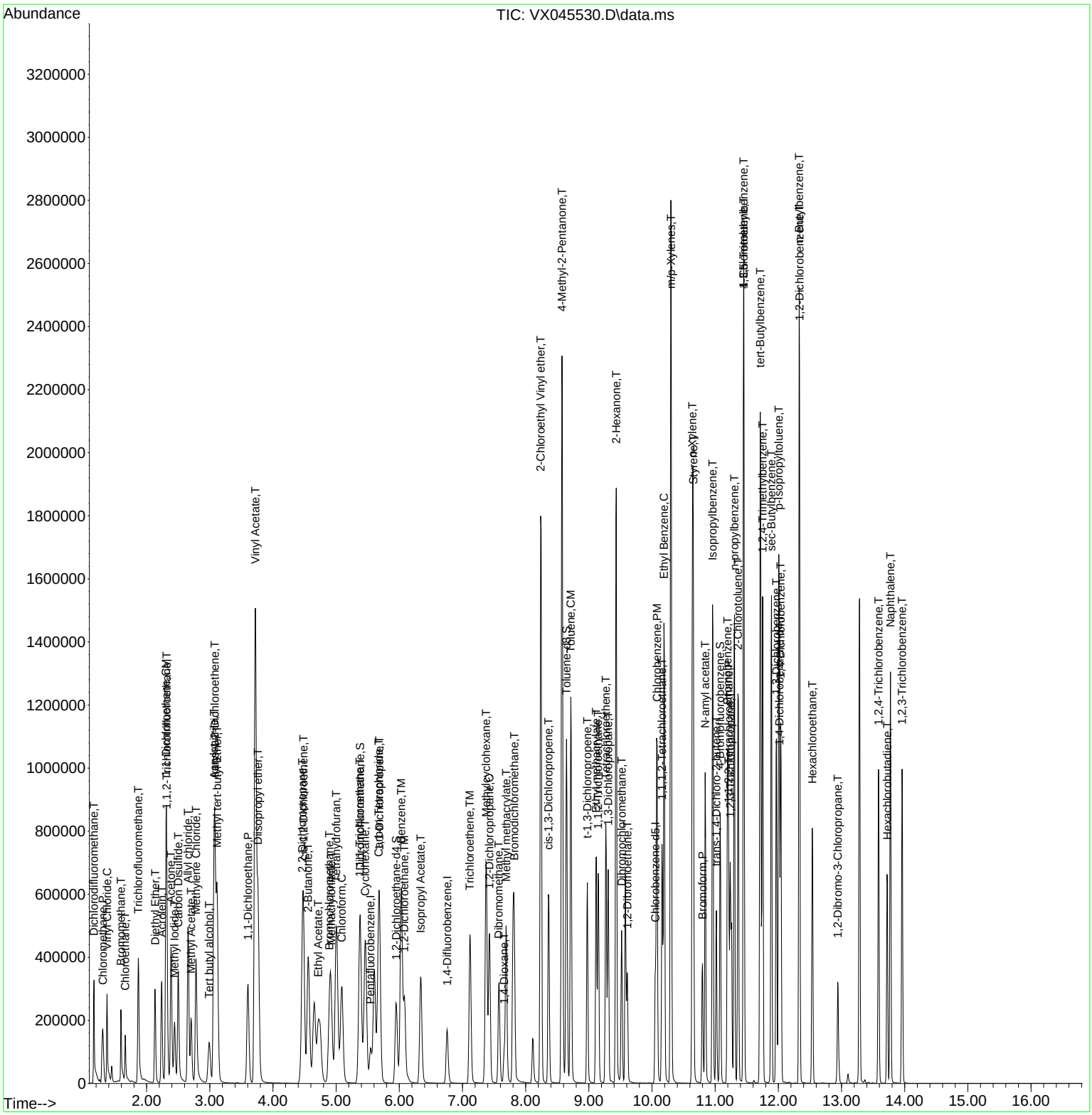
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l		99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l		100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l		100
44) Trichloroethene	7.123	130	57931	47.643	ug/l		92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l		95
46) Dibromomethane	7.574	93	47564	48.542	ug/l		97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l		96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l		99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l		100
52) Toluene	8.714	92	151664	48.994	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l		97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l		100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l		99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l		100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l		99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l		100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l		99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l		99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l		100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l		99
69) o-Xylene	10.640	106	107947	51.650	ug/l		100
70) Styrene	10.653	104	181524	52.624	ug/l		100
71) Bromoform	10.799	173	44489	52.694	ug/l	#	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l		100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l		
77) Bromobenzene	11.195	156	63244	50.525	ug/l		98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l		100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l		98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l		100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l		100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l		97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l		99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l		98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l		99
95) Naphthalene	13.774	128	247600	52.765	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

ICAL Form

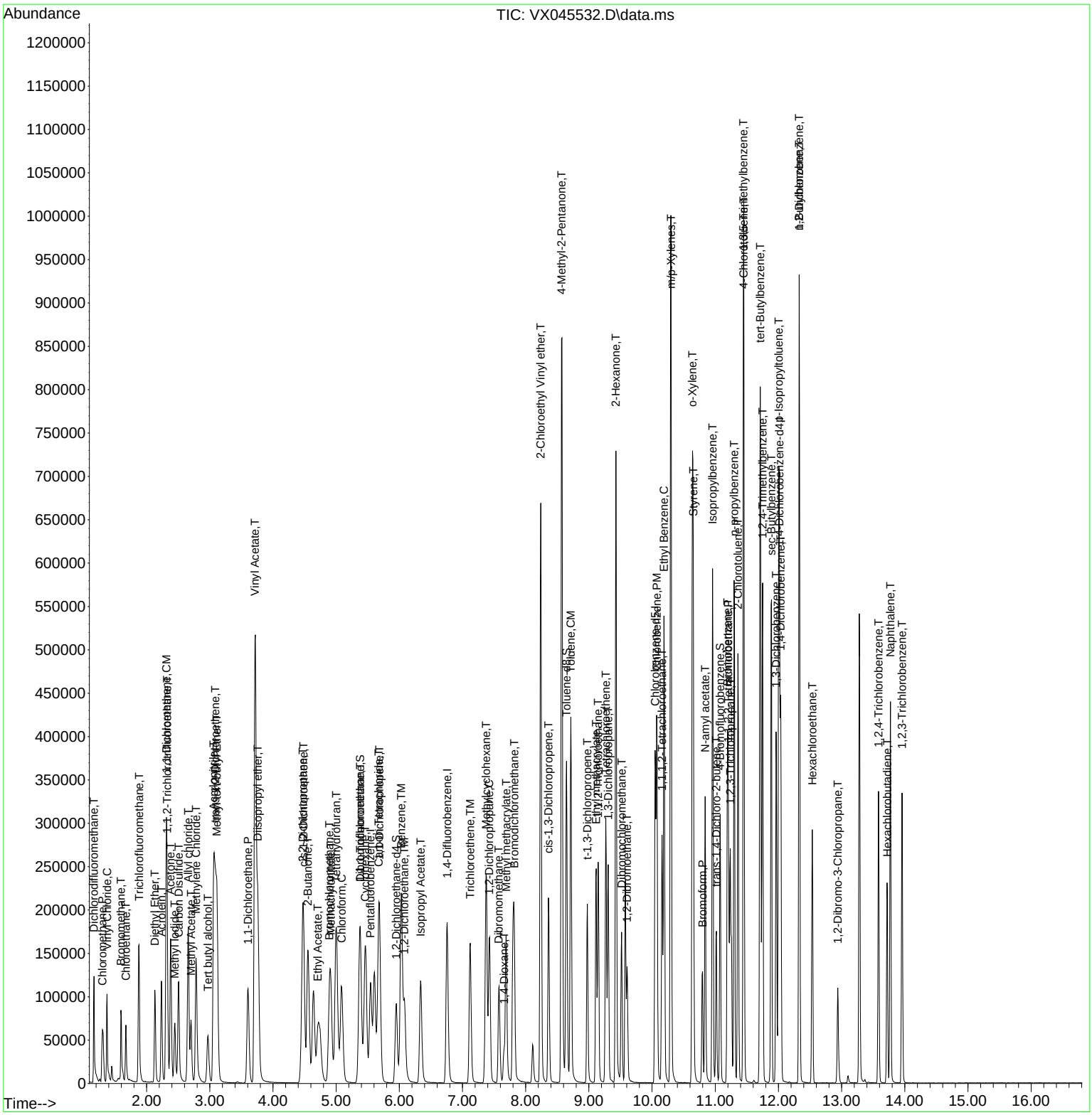
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3	P	Chloromethane	0.768	0.743	3.3	96	0.00
4	C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5	T	Bromomethane	0.333	0.313	6.0	96	0.00
6	T	Chloroethane	0.373	0.385	-3.2	98	0.00
7	T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8	T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10	T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11	T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12	CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13	T	Acrolein	0.169	0.161	4.7	98	0.00
14	T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15	T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16	T	Acetone	0.375	0.363	3.2	98	0.00
17	T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18	T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19	T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20	T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22	T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23	T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24	P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25	T	2-Butanone	0.550	0.560	-1.8	97	0.00
26	T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28	T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29	T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30	C	Chloroform	1.306	1.295	0.8#	100	0.00
31	T	Cyclohexane	1.122	1.112	0.9	100	0.00
32	T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36	T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37	T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38	T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39	T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40	TM	Benzene	1.463	1.440	1.6	101	0.00
41	T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42	TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43	T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44	TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45	C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46	T	Dibromomethane	0.280	0.272	2.9	97	0.00
47	T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48	T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	92	0.00
50	S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52	CM	Toluene	0.885	0.867	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56	T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57	T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59	T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61	T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65	PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67	C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68	T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69	T	o-Xylene	0.686	0.708	-3.2	100	0.00
70	T	Styrene	1.132	1.191	-5.2	99	0.00
71	P	Bromoform	0.277	0.292	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74	T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76	T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77	T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78	T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79	T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82	T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83	T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85	T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86	T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88	T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89	T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90	T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94	T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95	T	Naphthalene	3.469	3.661	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	0.984	-0.8	97	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3	P	Chloromethane	50.000	48.349	3.3	96	0.00
4	C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5	T	Bromomethane	50.000	46.991	6.0	96	0.00
6	T	Chloroethane	50.000	51.586	-3.2	98	0.00
7	T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8	T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10	T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11	T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13	T	Acrolein	250.000	238.141	4.7	98	0.00
14	T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15	T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16	T	Acetone	250.000	241.904	3.2	98	0.00
17	T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18	T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20	T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22	T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23	T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24	P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25	T	2-Butanone	250.000	254.882	-2.0	97	0.00
26	T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28	T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29	T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30	C	Chloroform	50.000	49.614	0.8#	100	0.00
31	T	Cyclohexane	50.000	49.583	0.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38	T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40	TM	Benzene	50.000	49.212	1.6	101	0.00
41	T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43	T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44	TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45	C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46	T	Dibromomethane	50.000	48.542	2.9	97	0.00
47	T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48	T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	955.327	4.5	92	0.00
50	S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52	CM	Toluene	50.000	48.994	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56	T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57	T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59	T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60	T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61	T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65	PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67	C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68	T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69	T	o-Xylene	50.000	51.650	-3.3	100	0.00
70	T	Styrene	50.000	52.624	-5.2	99	0.00
71	P	Bromoform	50.000	52.694	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74	T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77	T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78	T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82	T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83	T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85	T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86	T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89	T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90	T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94	T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95	T	Naphthalene	50.000	52.765	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	50.396	-0.8	97	0.00

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

Raw Data: **VX045664.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.814		8.82	20
Chloromethane	0.768	0.744	0.1	-3.13	20
Vinyl Chloride	0.703	0.690		-1.85	20
Bromomethane	0.333	0.317		-4.8	20
Chloroethane	0.373	0.395		5.9	20
Trichlorofluoromethane	1.048	1.090		4.01	20
1,1,2-Trichlorotrifluoroethane	0.614	0.649		5.7	20
1,1-Dichloroethene	0.600	0.586		-2.33	20
Acetone	0.375	0.349		-6.93	20
Carbon Disulfide	1.483	1.375		-7.28	20
Methyl tert-butyl Ether	2.100	2.157		2.71	20
Methyl Acetate	0.864	0.925		7.06	20
Methylene Chloride	0.703	0.685		-2.56	20
trans-1,2-Dichloroethene	0.613	0.609		-0.65	20
1,1-Dichloroethane	1.269	1.251	0.1	-1.42	20
Cyclohexane	1.122	1.092		-2.67	20
2-Butanone	0.550	0.538		-2.18	20
Carbon Tetrachloride	0.518	0.553		6.76	20
cis-1,2-Dichloroethene	0.747	0.734		-1.74	20
Bromochloromethane	0.613	0.565		-7.83	20
Chloroform	1.306	1.317		0.84	20
1,1,1-Trichloroethane	1.105	1.107		0.18	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.463	1.461		-0.14	20
1,2-Dichloroethane	0.604	0.626		3.64	20
Trichloroethene	0.348	0.351		0.86	20
1,2-Dichloropropane	0.365	0.373		2.19	20
Bromodichloromethane	0.560	0.583		4.11	20
4-Methyl-2-Pentanone	0.606	0.631		4.13	20
Toluene	0.885	0.899		1.58	20
t-1,3-Dichloropropene	0.467	0.527		12.85	20
cis-1,3-Dichloropropene	0.526	0.585		11.22	20
1,1,2-Trichloroethane	0.353	0.360		1.98	20
2-Hexanone	0.449	0.470		4.68	20
Dibromochloromethane	0.385	0.409		6.23	20
1,2-Dibromoethane	0.357	0.371		3.92	20
Tetrachloroethene	0.353	0.373		5.67	20
Chlorobenzene	1.068	1.118	0.3	4.68	20

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

Raw Data: **VX045664.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.034		6.27	20
m/p-Xylenes	0.696	0.742		6.61	20
o-Xylene	0.686	0.716		4.37	20
Styrene	1.132	1.225		8.22	20
Bromoform	0.277	0.302	0.1	9.02	20
Isopropylbenzene	4.005	3.959		-1.15	20
1,1,2,2-Tetrachloroethane	1.407	1.337	0.3	-4.97	20
1,3-Dichlorobenzene	1.684	1.702		1.07	20
1,4-Dichlorobenzene	1.708	1.690		-1.05	20
1,2-Dichlorobenzene	1.675	1.704		1.73	20
1,2-Dibromo-3-Chloropropane	0.294	0.316		7.48	20
1,2,4-Trichlorobenzene	0.932	1.015		8.91	20
1,2,3-Trichlorobenzene	0.976	1.020		4.51	20
1,2-Dichloroethane-d4	0.914	0.945		3.39	20
Dibromofluoromethane	0.355	0.379		6.76	20
Toluene-d8	1.238	1.272		2.75	20
4-Bromofluorobenzene	0.451	0.501		11.09	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\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	98594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	170453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93178	51.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.373	113	64676	53.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.960%			
50) Toluene-d8	8.641	98	216891	51.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	85383	55.532	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	80223	54.408	ug/l	98
3) Chloromethane	1.300	50	73364	48.432	ug/l	99
4) Vinyl Chloride	1.374	62	68070	49.103	ug/l	100
5) Bromomethane	1.593	94	31282	47.592	ug/l	97
6) Chloroethane	1.666	64	38924	52.923	ug/l	99
7) Trichlorofluoromethane	1.874	101	107491	51.999	ug/l	98
8) Diethyl Ether	2.130	74	34540	49.768	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	64030	52.860	ug/l	97
10) Methyl Iodide	2.441	142	75341	49.865	ug/l	98
11) Tert butyl alcohol	2.977	59	60760	250.751	ug/l	99
12) 1,1-Dichloroethene	2.306	96	57773	48.810	ug/l	98
13) Acrolein	2.233	56	71940	215.595	ug/l	98
14) Allyl chloride	2.654	41	114031	50.776	ug/l	100
15) Acrylonitrile	3.062	53	183477	239.873	ug/l	99
16) Acetone	2.380	43	172243	232.643	ug/l	99
17) Carbon Disulfide	2.501	76	135575	46.377	ug/l	100
18) Methyl Acetate	2.703	43	91155	53.475	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	212677	51.365	ug/l	99
20) Methylene Chloride	2.782	84	67547	48.733	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	60067	49.674	ug/l	98
22) Diisopropyl ether	3.757	45	226945	51.300	ug/l	98
23) Vinyl Acetate	3.715	43	988964	258.743	ug/l	100
24) 1,1-Dichloroethane	3.605	63	123311	49.288	ug/l	100
25) 2-Butanone	4.550	43	265392	244.882	ug/l	99
26) 2,2-Dichloropropane	4.465	77	94027	58.169	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	72325	49.093	ug/l	98
28) Bromochloromethane	4.885	49	55670	46.046	ug/l	100
29) Tetrahydrofuran	4.995	42	168691	240.083	ug/l	99
30) Chloroform	5.086	83	129858	50.443	ug/l	97
31) Cyclohexane	5.458	56	107701	48.695	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	109187	50.125	ug/l	100
36) 1,1-Dichloropropene	5.684	75	82704	50.649	ug/l	99
37) Ethyl Acetate	4.708	43	100204	48.695	ug/l	99
38) Carbon Tetrachloride	5.666	117	94233	53.397	ug/l	99
39) Methylcyclohexane	7.373	83	107571	53.743	ug/l	95
40) Benzene	6.025	78	248974	49.925	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58179	53.585	ug/l		97
42) 1,2-Dichloroethane	6.080	62	106676	51.791	ug/l		100
43) Isopropyl Acetate	6.336	43	163987	52.580	ug/l		99
44) Trichloroethene	7.116	130	59881	50.518	ug/l		91
45) 1,2-Dichloropropane	7.421	63	63615	51.125	ug/l		98
46) Dibromomethane	7.574	93	48718	51.004	ug/l		99
47) Bromodichloromethane	7.818	83	99424	52.121	ug/l		96
48) Methyl methacrylate	7.690	41	85929	53.362	ug/l		99
49) 1,4-Dioxane	7.659	88	31096	1067.317	ug/l		99
51) 4-Methyl-2-Pentanone	8.567	43	537477	259.961	ug/l		100
52) Toluene	8.714	92	153268	50.790	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	89889	49.048	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	99782	55.664	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	61409	51.068	ug/l		97
56) Ethyl methacrylate	9.116	69	100629	54.073	ug/l		98
57) 1,3-Dichloropropane	9.305	76	107582	51.377	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	304462	323.406	ug/l		100
59) 2-Hexanone	9.427	43	400757	261.752	ug/l		100
60) Dibromochloromethane	9.518	129	69798	53.243	ug/l		99
61) 1,2-Dibromoethane	9.604	107	63194	51.914	ug/l		99
64) Tetrachloroethene	9.269	164	55185	52.870	ug/l		97
65) Chlorobenzene	10.073	112	165320	52.332	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57001	51.972	ug/l		99
67) Ethyl Benzene	10.189	91	300677	53.143	ug/l		99
68) m/p-Xylenes	10.299	106	219352	106.594	ug/l		100
69) o-Xylene	10.640	106	105799	52.190	ug/l		97
70) Styrene	10.652	104	181071	54.118	ug/l		99
71) Bromoform	10.799	173	44695	54.578	ug/l	#	97
73) Isopropylbenzene	10.957	105	284951	49.428	ug/l		99
74) N-amyl acetate	10.841	43	146100	52.979	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	96249	47.526	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	85411m	48.651	ug/l		
77) Bromobenzene	11.195	156	65498	49.171	ug/l		100
78) n-propylbenzene	11.299	91	338085	50.914	ug/l		100
79) 2-Chlorotoluene	11.360	91	206840	48.724	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	243354	51.048	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	26806	51.822	ug/l		98
82) 4-Chlorotoluene	11.451	91	240935	50.904	ug/l		100
83) tert-Butylbenzene	11.713	119	237194	50.257	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	248759	51.990	ug/l		100
85) sec-Butylbenzene	11.890	105	302409	52.168	ug/l		100
86) p-Isopropyltoluene	12.006	119	253229	52.986	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	122497	50.521	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	121623	49.477	ug/l		97
89) n-Butylbenzene	12.329	91	231337	55.821	ug/l		99
90) Hexachloroethane	12.536	117	43183	52.576	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	122650	50.878	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22753	53.721	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	73080	54.462	ug/l		98
94) Hexachlorobutadiene	13.725	225	31389	54.285	ug/l		98
95) Naphthalene	13.774	128	265127	53.094	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	73391	52.232	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

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

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

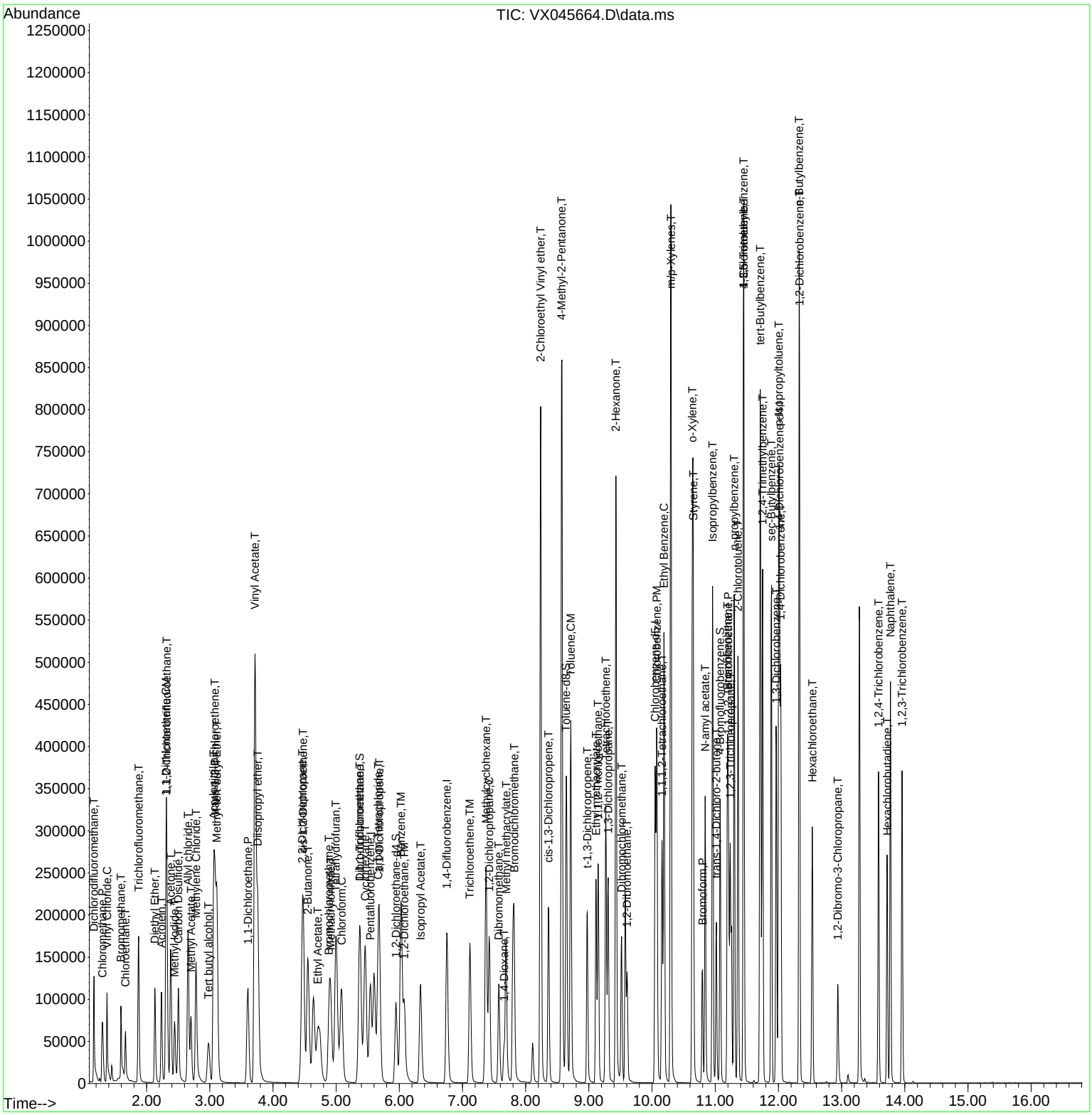
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



Sample Results: **VX045664.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	103	0.00
2	T	Dichlorodifluoromethane	0.748	0.814	-8.8	102	0.00
3	P	Chloromethane	0.768	0.744	3.1	98	0.00
4	C	Vinyl Chloride	0.703	0.690	1.8#	99	0.00
5	T	Bromomethane	0.333	0.317	4.8	99	0.00
6	T	Chloroethane	0.373	0.395	-5.9	102	0.00
7	T	Trichlorofluoromethane	1.048	1.090	-4.0	103	0.00
8	T	Diethyl Ether	0.352	0.350	0.6	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.649	-5.7	108	0.00
10	T	Methyl Iodide	0.766	0.764	0.3	99	0.00
11	T	Tert butyl alcohol	0.123	0.123	0.0	100	0.00
12	CM	1,1-Dichloroethene	0.600	0.586	2.3#	100	0.00
13	T	Acrolein	0.169	0.146	13.6	90	0.00
14	T	Allyl chloride	1.139	1.157	-1.6	102	0.00
15	T	Acrylonitrile	0.388	0.372	4.1	94	0.00
16	T	Acetone	0.375	0.349	6.9	95	0.00
17	T	Carbon Disulfide	1.483	1.375	7.3	91	0.00
18	T	Methyl Acetate	0.864	0.925	-7.1	111	0.00
19	T	Methyl tert-butyl Ether	2.100	2.157	-2.7	105	0.00
20	T	Methylene Chloride	0.703	0.685	2.6	100	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.609	0.7	101	0.00
22	T	Diisopropyl ether	2.243	2.302	-2.6	103	0.00
23	T	Vinyl Acetate	1.938	2.006	-3.5	99	0.00
24	P	1,1-Dichloroethane	1.269	1.251	1.4	102	0.00
25	T	2-Butanone	0.550	0.538	2.2	95	0.00
26	T	2,2-Dichloropropane	0.820	0.954	-16.3	116	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.734	1.7	101	0.00
28	T	Bromochloromethane	0.613	0.565	7.8	98	-0.01
29	T	Tetrahydrofuran	0.356	0.342	3.9	95	0.00
30	C	Chloroform	1.306	1.317	-0.8#	103	0.00
31	T	Cyclohexane	1.122	1.092	2.7	100	0.00
32	T	1,1,1-Trichloroethane	1.105	1.107	-0.2	103	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.945	-3.4	112	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.355	0.379	-6.8	111	0.00
36	T	1,1-Dichloropropene	0.479	0.485	-1.3	101	0.00
37	T	Ethyl Acetate	0.604	0.588	2.6	96	0.00
38	T	Carbon Tetrachloride	0.518	0.553	-6.8	104	0.00
39	T	Methylcyclohexane	0.587	0.631	-7.5	103	0.00
40	TM	Benzene	1.463	1.461	0.1	100	0.00
41	T	Methacrylonitrile	0.318	0.341	-7.2	98	0.00
42	TM	1,2-Dichloroethane	0.604	0.626	-3.6	102	0.00
43	T	Isopropyl Acetate	0.915	0.962	-5.1	100	0.00
44	TM	Trichloroethene	0.348	0.351	-0.9	101	0.00
45	C	1,2-Dichloropropane	0.365	0.373	-2.2#	100	0.00
46	T	Dibromomethane	0.280	0.286	-2.1	99	0.00
47	T	Bromodichloromethane	0.560	0.583	-4.1	103	0.00
48	T	Methyl methacrylate	0.472	0.504	-6.8	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.009	0.0	100	0.00
50	S	Toluene-d8	1.238	1.272	-2.7	106	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.631	-4.1	96	0.00
52	CM	Toluene	0.885	0.899	-1.6#	100	0.00
53	T	t-1,3-Dichloropropene	0.467	0.527	-12.8	105	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.585	-11.2	104	0.00
55	T	1,1,2-Trichloroethane	0.353	0.360	-2.0	102	0.00
56	T	Ethyl methacrylate	0.546	0.590	-8.1	100	0.00
57	T	1,3-Dichloropropane	0.614	0.631	-2.8	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.357	-29.3#	122	0.00
59	T	2-Hexanone	0.449	0.470	-4.7	97	0.00
60	T	Dibromochloromethane	0.385	0.409	-6.2	101	0.00
61	T	1,2-Dibromoethane	0.357	0.371	-3.9	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.501	-11.1	112	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.353	0.373	-5.7	106	0.00
65	PM	Chlorobenzene	1.068	1.118	-4.7	102	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.386	-4.0	102	0.00
67	C	Ethyl Benzene	1.914	2.034	-6.3#	100	0.00
68	T	m/p-Xylenes	0.696	0.742	-6.6	100	0.00
69	T	o-Xylene	0.686	0.716	-4.4	98	0.00
70	T	Styrene	1.132	1.225	-8.2	99	0.00
71	P	Bromoform	0.277	0.302	-9.0	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	4.005	3.959	1.1	99	0.00
74	T	N-amyl acetate	1.916	2.030	-5.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.337	5.0	101	0.00
76	T	1,2,3-Trichloropropane	1.220	1.187	2.7	101	0.00
77	T	Bromobenzene	0.925	0.910	1.6	102	0.00
78	T	n-propylbenzene	4.613	4.697	-1.8	100	0.00
79	T	2-Chlorotoluene	2.949	2.874	2.5	101	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.381	-2.1	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.372	-3.6	105	0.00
82	T	4-Chlorotoluene	3.288	3.348	-1.8	102	0.00
83	T	tert-Butylbenzene	3.279	3.296	-0.5	101	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.456	-4.0	103	0.00
85	T	sec-Butylbenzene	4.027	4.202	-4.3	102	0.00
86	T	p-Isopropyltoluene	3.320	3.518	-6.0	104	0.00
87	T	1,3-Dichlorobenzene	1.684	1.702	-1.1	105	0.00
88	T	1,4-Dichlorobenzene	1.708	1.690	1.1	104	0.00
89	T	n-Butylbenzene	2.879	3.214	-11.6	106	0.00
90	T	Hexachloroethane	0.571	0.600	-5.1	105	0.00
91	T	1,2-Dichlorobenzene	1.675	1.704	-1.7	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.316	-7.5	105	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.015	-8.9	112	0.00
94	T	Hexachlorobutadiene	0.402	0.436	-8.5	113	0.00
95	T	Naphthalene	3.469	3.684	-6.2	104	0.00

Sample Results: **VX045664.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	1.020	-4.5	107	0.00

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

Sample Results: **VX045664.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	54.408	-8.8	102	0.00
3	P	Chloromethane	50.000	48.432	3.1	98	0.00
4	C	Vinyl Chloride	50.000	49.103	1.8#	99	0.00
5	T	Bromomethane	50.000	47.592	4.8	99	0.00
6	T	Chloroethane	50.000	52.923	-5.8	102	0.00
7	T	Trichlorofluoromethane	50.000	51.999	-4.0	103	0.00
8	T	Diethyl Ether	50.000	49.768	0.5	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.860	-5.7	108	0.00
10	T	Methyl Iodide	50.000	49.865	0.3	99	0.00
11	T	Tert butyl alcohol	250.000	250.751	-0.3	100	0.00
12	CM	1,1-Dichloroethene	50.000	48.810	2.4#	100	0.00
13	T	Acrolein	250.000	215.595	13.8	90	0.00
14	T	Allyl chloride	50.000	50.776	-1.6	102	0.00
15	T	Acrylonitrile	250.000	239.873	4.1	94	0.00
16	T	Acetone	250.000	232.643	6.9	95	0.00
17	T	Carbon Disulfide	50.000	46.377	7.2	91	0.00
18	T	Methyl Acetate	50.000	53.475	-7.0	111	0.00
19	T	Methyl tert-butyl Ether	50.000	51.365	-2.7	105	0.00
20	T	Methylene Chloride	50.000	48.733	2.5	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.674	0.7	101	0.00
22	T	Diisopropyl ether	50.000	51.300	-2.6	103	0.00
23	T	Vinyl Acetate	250.000	258.743	-3.5	99	0.00
24	P	1,1-Dichloroethane	50.000	49.288	1.4	102	0.00
25	T	2-Butanone	250.000	244.882	2.0	95	0.00
26	T	2,2-Dichloropropane	50.000	58.169	-16.3	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.093	1.8	101	0.00
28	T	Bromochloromethane	50.000	46.046	7.9	98	-0.01
29	T	Tetrahydrofuran	250.000	240.083	4.0	95	0.00
30	C	Chloroform	50.000	50.443	-0.9#	103	0.00
31	T	Cyclohexane	50.000	48.695	2.6	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.125	-0.3	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.679	-3.4	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	53.479	-7.0	111	0.00
36	T	1,1-Dichloropropene	50.000	50.649	-1.3	101	0.00
37	T	Ethyl Acetate	50.000	48.695	2.6	96	0.00
38	T	Carbon Tetrachloride	50.000	53.397	-6.8	104	0.00
39	T	Methylcyclohexane	50.000	53.743	-7.5	103	0.00
40	TM	Benzene	50.000	49.925	0.2	100	0.00
41	T	Methacrylonitrile	50.000	53.585	-7.2	98	0.00
42	TM	1,2-Dichloroethane	50.000	51.791	-3.6	102	0.00
43	T	Isopropyl Acetate	50.000	52.580	-5.2	100	0.00
44	TM	Trichloroethene	50.000	50.518	-1.0	101	0.00
45	C	1,2-Dichloropropane	50.000	51.125	-2.3#	100	0.00
46	T	Dibromomethane	50.000	51.004	-2.0	99	0.00
47	T	Bromodichloromethane	50.000	52.121	-4.2	103	0.00
48	T	Methyl methacrylate	50.000	53.362	-6.7	101	0.00

Sample Results: **VX045664.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	1067.317	-6.7	100	0.00
50	S	Toluene-d8	50.000	51.382	-2.8	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.961	-4.0	96	0.00
52	CM	Toluene	50.000	50.790	-1.6#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	49.048	1.9	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.664	-11.3	104	0.00
55	T	1,1,2-Trichloroethane	50.000	51.068	-2.1	102	0.00
56	T	Ethyl methacrylate	50.000	54.073	-8.1	100	0.00
57	T	1,3-Dichloropropane	50.000	51.377	-2.8	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	323.406	-29.4#	122	0.00
59	T	2-Hexanone	250.000	261.752	-4.7	97	0.00
60	T	Dibromochloromethane	50.000	53.243	-6.5	101	0.00
61	T	1,2-Dibromoethane	50.000	51.914	-3.8	101	0.00
62	S	4-Bromofluorobenzene	50.000	55.532	-11.1	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.870	-5.7	106	0.00
65	PM	Chlorobenzene	50.000	52.332	-4.7	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.972	-3.9	102	0.00
67	C	Ethyl Benzene	50.000	53.143	-6.3#	100	0.00
68	T	m/p-Xylenes	100.000	106.594	-6.6	100	0.00
69	T	o-Xylene	50.000	52.190	-4.4	98	0.00
70	T	Styrene	50.000	54.118	-8.2	99	0.00
71	P	Bromoform	50.000	54.578	-9.2	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	49.428	1.1	99	0.00
74	T	N-amyl acetate	50.000	52.979	-6.0	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.526	4.9	101	0.00
76	T	1,2,3-Trichloropropane	50.000	48.651	2.7	101	0.00
77	T	Bromobenzene	50.000	49.171	1.7	102	0.00
78	T	n-propylbenzene	50.000	50.914	-1.8	100	0.00
79	T	2-Chlorotoluene	50.000	48.724	2.6	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.048	-2.1	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.822	-3.6	105	0.00
82	T	4-Chlorotoluene	50.000	50.904	-1.8	102	0.00
83	T	tert-Butylbenzene	50.000	50.257	-0.5	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.990	-4.0	103	0.00
85	T	sec-Butylbenzene	50.000	52.168	-4.3	102	0.00
86	T	p-Isopropyltoluene	50.000	52.986	-6.0	104	0.00
87	T	1,3-Dichlorobenzene	50.000	50.521	-1.0	105	0.00
88	T	1,4-Dichlorobenzene	50.000	49.477	1.0	104	0.00
89	T	n-Butylbenzene	50.000	55.821	-11.6	106	0.00
90	T	Hexachloroethane	50.000	52.576	-5.2	105	0.00
91	T	1,2-Dichlorobenzene	50.000	50.878	-1.8	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.721	-7.4	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.462	-8.9	112	0.00
94	T	Hexachlorobutadiene	50.000	54.285	-8.6	113	0.00
95	T	Naphthalene	50.000	53.094	-6.2	104	0.00

Sample Results: **VX045664.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045664.D
Acq On : 09 Apr 2025 10:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 01:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	52.232	-4.5	107	0.00

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

Raw Data: **VX045712.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.824		10.16	20
Chloromethane	0.768	0.794	0.1	3.38	20
Vinyl Chloride	0.703	0.722		2.7	20
Bromomethane	0.333	0.315		-5.41	20
Chloroethane	0.373	0.379		1.61	20
Trichlorofluoromethane	1.048	1.107		5.63	20
1,1,2-Trichlorotrifluoroethane	0.614	0.658		7.17	20
1,1-Dichloroethene	0.600	0.622		3.67	20
Acetone	0.375	0.419		11.73	20
Carbon Disulfide	1.483	1.296		-12.61	20
Methyl tert-butyl Ether	2.100	2.283		8.71	20
Methyl Acetate	0.864	1.041		20.49	20
Methylene Chloride	0.703	0.720		2.42	20
trans-1,2-Dichloroethene	0.613	0.616		0.49	20
1,1-Dichloroethane	1.269	1.319	0.1	3.94	20
Cyclohexane	1.122	1.140		1.6	20
2-Butanone	0.550	0.612		11.27	20
Carbon Tetrachloride	0.518	0.560		8.11	20
cis-1,2-Dichloroethene	0.747	0.764		2.28	20
Bromochloromethane	0.613	0.632		3.1	20
Chloroform	1.306	1.385		6.05	20
1,1,1-Trichloroethane	1.105	1.168		5.7	20
Methylcyclohexane	0.587	0.617		5.11	20
Benzene	1.463	1.499		2.46	20
1,2-Dichloroethane	0.604	0.659		9.11	20
Trichloroethene	0.348	0.358		2.87	20
1,2-Dichloropropane	0.365	0.387		6.03	20
Bromodichloromethane	0.560	0.604		7.86	20
4-Methyl-2-Pentanone	0.606	0.688		13.53	20
Toluene	0.885	0.931		5.2	20
t-1,3-Dichloropropene	0.467	0.497		6.42	20
cis-1,3-Dichloropropene	0.526	0.554		5.32	20
1,1,2-Trichloroethane	0.353	0.374		5.95	20
2-Hexanone	0.449	0.518		15.37	20
Dibromochloromethane	0.385	0.423		9.87	20
1,2-Dibromoethane	0.357	0.388		8.68	20
Tetrachloroethene	0.353	0.367		3.97	20
Chlorobenzene	1.068	1.145	0.3	7.21	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.059		7.58	20
m/p-Xylenes	0.696	0.755		8.48	20
o-Xylene	0.686	0.742		8.16	20
Styrene	1.132	1.260		11.31	20
Bromoform	0.277	0.303	0.1	9.39	20
Isopropylbenzene	4.005	4.100		2.37	20
1,1,2,2-Tetrachloroethane	1.407	1.417	0.3	0.71	20
1,3-Dichlorobenzene	1.684	1.724		2.38	20
1,4-Dichlorobenzene	1.708	1.749		2.4	20
1,2-Dichlorobenzene	1.675	1.769		5.61	20
1,2-Dibromo-3-Chloropropane	0.294	0.328		11.56	20
1,2,4-Trichlorobenzene	0.932	1.018		9.23	20
1,2,3-Trichlorobenzene	0.976	1.064		9.02	20
1,2-Dichloroethane-d4	0.914	0.993		8.64	20
Dibromofluoromethane	0.355	0.391		10.14	20
Toluene-d8	1.238	1.319		6.54	20
4-Bromofluorobenzene	0.451	0.518		14.86	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\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	83221	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	146715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82622	54.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.580%			
35) Dibromofluoromethane	5.379	113	57323	55.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.140%			
50) Toluene-d8	8.641	98	193585	53.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.560%			
62) 4-Bromofluorobenzene	11.079	95	75944	57.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68558	55.086	ug/l	98
3) Chloromethane	1.300	50	66069	51.673	ug/l	100
4) Vinyl Chloride	1.374	62	60055	51.324	ug/l	98
5) Bromomethane	1.593	94	26246	47.306	ug/l	100
6) Chloroethane	1.660	64	31530	50.789	ug/l	98
7) Trichlorofluoromethane	1.867	101	92159	52.817	ug/l	98
8) Diethyl Ether	2.130	74	30594	52.225	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	54761	53.559	ug/l	98
10) Methyl Iodide	2.440	142	65645	51.473	ug/l	98
11) Tert butyl alcohol	2.983	59	60976	298.127	ug/l	98
12) 1,1-Dichloroethene	2.306	96	51752	51.800	ug/l	99
13) Acrolein	2.233	56	68928	244.726	ug/l	99
14) Allyl chloride	2.654	41	97499	51.434	ug/l	99
15) Acrylonitrile	3.062	53	172090	266.546	ug/l	99
16) Acetone	2.386	43	174181	278.719	ug/l	99
17) Carbon Disulfide	2.501	76	107894	43.725	ug/l	100
18) Methyl Acetate	2.703	43	86647	60.221	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	190004	54.366	ug/l	98
20) Methylene Chloride	2.782	84	59935	51.229	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	51246	50.208	ug/l	95
22) Diisopropyl ether	3.757	45	201287	53.905	ug/l	97
23) Vinyl Acetate	3.715	43	868514	269.205	ug/l	99
24) 1,1-Dichloroethane	3.599	63	109738	51.965	ug/l	99
25) 2-Butanone	4.556	43	254457	278.164	ug/l	99
26) 2,2-Dichloropropane	4.464	77	54067	39.627	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	63579	51.128	ug/l	98
28) Bromochloromethane	4.885	49	52573	51.517	ug/l	100
29) Tetrahydrofuran	5.001	42	159320	268.632	ug/l	100
30) Chloroform	5.080	83	115301	53.062	ug/l	96
31) Cyclohexane	5.458	56	94892	50.829	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	97204	52.867	ug/l	100
36) 1,1-Dichloropropene	5.678	75	73900	52.580	ug/l	98
37) Ethyl Acetate	4.708	43	92211	52.061	ug/l	99
38) Carbon Tetrachloride	5.665	117	82170	54.095	ug/l	99
39) Methylcyclohexane	7.372	83	90513	52.537	ug/l	95
40) Benzene	6.025	78	219989	51.250	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	54799	58.638	ug/l		98
42) 1,2-Dichloroethane	6.074	62	96670	54.526	ug/l		99
43) Isopropyl Acetate	6.336	43	147709	55.023	ug/l		100
44) Trichloroethene	7.116	130	52469	51.427	ug/l		96
45) 1,2-Dichloropropane	7.421	63	56834	53.066	ug/l		99
46) Dibromomethane	7.574	93	43600	53.031	ug/l		98
47) Bromodichloromethane	7.818	83	88589	53.955	ug/l		99
48) Methyl methacrylate	7.690	41	77443	55.873	ug/l		100
49) 1,4-Dioxane	7.659	88	29750	1186.332	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	504992	283.768	ug/l		100
52) Toluene	8.714	92	136538	52.567	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	72946	46.374	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	81350	52.724	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	54881	53.024	ug/l		98
56) Ethyl methacrylate	9.116	69	92401	57.685	ug/l		99
57) 1,3-Dichloropropane	9.305	76	95406	52.934	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	230000	283.840	ug/l		100
59) 2-Hexanone	9.427	43	379769	288.176	ug/l		100
60) Dibromochloromethane	9.518	129	62099	55.034	ug/l		98
61) 1,2-Dibromoethane	9.604	107	56904	54.310	ug/l		99
64) Tetrachloroethene	9.268	164	47631	52.027	ug/l		99
65) Chlorobenzene	10.073	112	148500	53.594	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	51627	53.667	ug/l		99
67) Ethyl Benzene	10.189	91	267022	53.807	ug/l		99
68) m/p-Xylenes	10.299	106	195774	108.466	ug/l		98
69) o-Xylene	10.640	106	96163	54.084	ug/l		98
70) Styrene	10.652	104	163333	55.657	ug/l		99
71) Bromoform	10.799	173	39295	54.707	ug/l	#	97
73) Isopropylbenzene	10.957	105	259289	51.190	ug/l		100
74) N-amyl acetate	10.841	43	131860	54.422	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89614	50.364	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	75987m	49.264	ug/l		
77) Bromobenzene	11.195	156	59230	50.610	ug/l		99
78) n-propylbenzene	11.299	91	307517	52.709	ug/l		100
79) 2-Chlorotoluene	11.360	91	190047	50.954	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	220356	52.610	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	20473	45.047	ug/l		99
82) 4-Chlorotoluene	11.451	91	219024	52.668	ug/l		100
83) tert-Butylbenzene	11.713	119	216066	52.105	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	224105	53.309	ug/l		100
85) sec-Butylbenzene	11.890	105	272832	53.568	ug/l		100
86) p-Isopropyltoluene	12.006	119	226756	54.003	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	109044	51.186	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	110601	51.210	ug/l		99
89) n-Butylbenzene	12.329	91	199544	54.802	ug/l		99
90) Hexachloroethane	12.536	117	38390	53.199	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	111833	52.801	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	55.681	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	64358	54.589	ug/l		97
94) Hexachlorobutadiene	13.725	225	27010	53.166	ug/l		100
95) Naphthalene	13.774	128	236741	53.960	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	67267	54.488	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

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

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

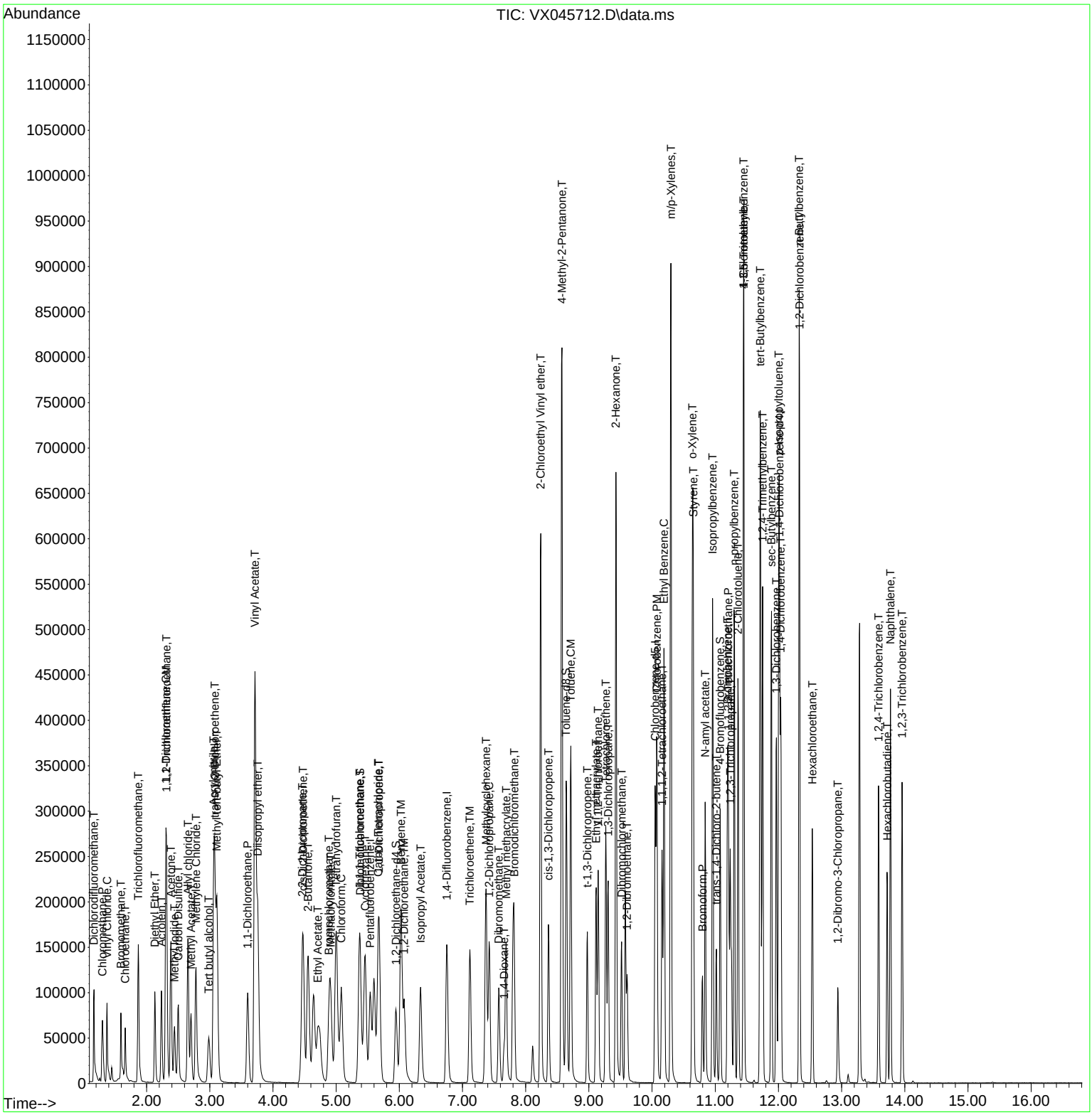
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



Evaluate Continuing Calibration Report

Sample Results: **VX045712.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	-0.01
2	T	Dichlorodifluoromethane	0.748	0.824	-10.2	87	0.00
3	P	Chloromethane	0.768	0.794	-3.4	88	0.00
4	C	Vinyl Chloride	0.703	0.722	-2.7#	88	0.00
5	T	Bromomethane	0.333	0.315	5.4	83	0.00
6	T	Chloroethane	0.373	0.379	-1.6	83	0.00
7	T	Trichlorofluoromethane	1.048	1.107	-5.6	89	0.00
8	T	Diethyl Ether	0.352	0.368	-4.5	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.658	-7.2	92	-0.01
10	T	Methyl Iodide	0.766	0.789	-3.0	86	0.00
11	T	Tert butyl alcohol	0.123	0.147	-19.5	101	0.00
12	CM	1,1-Dichloroethene	0.600	0.622	-3.7#	90	0.00
13	T	Acrolein	0.169	0.166	1.8	86	0.00
14	T	Allyl chloride	1.139	1.172	-2.9	87	0.00
15	T	Acrylonitrile	0.388	0.414	-6.7	89	0.00
16	T	Acetone	0.375	0.419	-11.7	96	0.00
17	T	Carbon Disulfide	1.483	1.296	12.6	73	0.00
18	T	Methyl Acetate	0.864	1.041	-20.5	106	0.00
19	T	Methyl tert-butyl Ether	2.100	2.283	-8.7	94	0.00
20	T	Methylene Chloride	0.703	0.720	-2.4	88	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.616	-0.5	86	0.00
22	T	Diisopropyl ether	2.243	2.419	-7.8	92	0.00
23	T	Vinyl Acetate	1.938	2.087	-7.7	87	0.00
24	P	1,1-Dichloroethane	1.269	1.319	-3.9	90	0.00
25	T	2-Butanone	0.550	0.612	-11.3	91	0.00
26	T	2,2-Dichloropropane	0.820	0.650	20.7	67	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.764	-2.3	88	0.00
28	T	Bromochloromethane	0.613	0.632	-3.1	92	-0.01
29	T	Tetrahydrofuran	0.356	0.383	-7.6	90	0.00
30	C	Chloroform	1.306	1.385	-6.0#	92	0.00
31	T	Cyclohexane	1.122	1.140	-1.6	88	0.00
32	T	1,1,1-Trichloroethane	1.105	1.168	-5.7	92	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.993	-8.6	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.355	0.391	-10.1	99	0.00
36	T	1,1-Dichloropropene	0.479	0.504	-5.2	91	0.00
37	T	Ethyl Acetate	0.604	0.629	-4.1	88	0.00
38	T	Carbon Tetrachloride	0.518	0.560	-8.1	91	0.00
39	T	Methylcyclohexane	0.587	0.617	-5.1	86	0.00
40	TM	Benzene	1.463	1.499	-2.5	88	0.00
41	T	Methacrylonitrile	0.318	0.374	-17.6	93	0.00
42	TM	1,2-Dichloroethane	0.604	0.659	-9.1	92	0.00
43	T	Isopropyl Acetate	0.915	1.007	-10.1	90	0.00
44	TM	Trichloroethene	0.348	0.358	-2.9	89	0.00
45	C	1,2-Dichloropropane	0.365	0.387	-6.0#	90	0.00
46	T	Dibromomethane	0.280	0.297	-6.1	89	0.00
47	T	Bromodichloromethane	0.560	0.604	-7.9	92	0.00
48	T	Methyl methacrylate	0.472	0.528	-11.9	91	0.00

Sample Results: **VX045712.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.010	-11.1	95	0.00
50	S	Toluene-d8	1.238	1.319	-6.5	95	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.688	-13.5	90	0.00
52	CM	Toluene	0.885	0.931	-5.2#	89	0.00
53	T	t-1,3-Dichloropropene	0.467	0.497	-6.4	85	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.554	-5.3	85	0.00
55	T	1,1,2-Trichloroethane	0.353	0.374	-5.9	91	0.00
56	T	Ethyl methacrylate	0.546	0.630	-15.4	91	0.00
57	T	1,3-Dichloropropane	0.614	0.650	-5.9	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.314	-13.8	92	0.00
59	T	2-Hexanone	0.449	0.518	-15.4	92	0.00
60	T	Dibromochloromethane	0.385	0.423	-9.9	90	0.00
61	T	1,2-Dibromoethane	0.357	0.388	-8.7	91	0.00
62	S	4-Bromofluorobenzene	0.451	0.518	-14.9	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.353	0.367	-4.0	91	0.00
65	PM	Chlorobenzene	1.068	1.145	-7.2	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.398	-7.3	92	0.00
67	C	Ethyl Benzene	1.914	2.059	-7.6#	89	0.00
68	T	m/p-Xylenes	0.696	0.755	-8.5	90	0.00
69	T	o-Xylene	0.686	0.742	-8.2	89	0.00
70	T	Styrene	1.132	1.260	-11.3	89	0.00
71	P	Bromoform	0.277	0.303	-9.4	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	4.005	4.100	-2.4	90	0.00
74	T	N-amyl acetate	1.916	2.085	-8.8	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.417	-0.7	94	0.00
76	T	1,2,3-Trichloropropane	1.220	1.202	1.5	90	0.00
77	T	Bromobenzene	0.925	0.937	-1.3	92	0.00
78	T	n-propylbenzene	4.613	4.863	-5.4	91	0.00
79	T	2-Chlorotoluene	2.949	3.005	-1.9	93	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.485	-5.2	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.324	9.7	80	0.00
82	T	4-Chlorotoluene	3.288	3.464	-5.4	92	0.00
83	T	tert-Butylbenzene	3.279	3.417	-4.2	92	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.544	-6.6	92	0.00
85	T	sec-Butylbenzene	4.027	4.315	-7.2	92	0.00
86	T	p-Isopropyltoluene	3.320	3.586	-8.0	94	0.00
87	T	1,3-Dichlorobenzene	1.684	1.724	-2.4	93	0.00
88	T	1,4-Dichlorobenzene	1.708	1.749	-2.4	94	0.00
89	T	n-Butylbenzene	2.879	3.156	-9.6	92	0.00
90	T	Hexachloroethane	0.571	0.607	-6.3	93	0.00
91	T	1,2-Dichlorobenzene	1.675	1.769	-5.6	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.328	-11.6	95	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.018	-9.2	99	0.00
94	T	Hexachlorobutadiene	0.402	0.427	-6.2	97	0.00
95	T	Naphthalene	3.469	3.744	-7.9	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	1.064	-9.0	98	0.00

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

Sample Results: **VX045712.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	-0.01
2	T	Dichlorodifluoromethane	50.000	55.086	-10.2	87	0.00
3	P	Chloromethane	50.000	51.673	-3.3	88	0.00
4	C	Vinyl Chloride	50.000	51.324	-2.6#	88	0.00
5	T	Bromomethane	50.000	47.306	5.4	83	0.00
6	T	Chloroethane	50.000	50.789	-1.6	83	0.00
7	T	Trichlorofluoromethane	50.000	52.817	-5.6	89	0.00
8	T	Diethyl Ether	50.000	52.225	-4.5	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.559	-7.1	92	-0.01
10	T	Methyl Iodide	50.000	51.473	-2.9	86	0.00
11	T	Tert butyl alcohol	250.000	298.127	-19.3	101	0.00
12	CM	1,1-Dichloroethene	50.000	51.800	-3.6#	90	0.00
13	T	Acrolein	250.000	244.726	2.1	86	0.00
14	T	Allyl chloride	50.000	51.434	-2.9	87	0.00
15	T	Acrylonitrile	250.000	266.546	-6.6	89	0.00
16	T	Acetone	250.000	278.719	-11.5	96	0.00
17	T	Carbon Disulfide	50.000	43.725	12.5	73	0.00
18	T	Methyl Acetate	50.000	60.221	-20.4	106	0.00
19	T	Methyl tert-butyl Ether	50.000	54.366	-8.7	94	0.00
20	T	Methylene Chloride	50.000	51.229	-2.5	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.208	-0.4	86	0.00
22	T	Diisopropyl ether	50.000	53.905	-7.8	92	0.00
23	T	Vinyl Acetate	250.000	269.205	-7.7	87	0.00
24	P	1,1-Dichloroethane	50.000	51.965	-3.9	90	0.00
25	T	2-Butanone	250.000	278.164	-11.3	91	0.00
26	T	2,2-Dichloropropane	50.000	39.627	20.7	67	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.128	-2.3	88	0.00
28	T	Bromochloromethane	50.000	51.517	-3.0	92	-0.01
29	T	Tetrahydrofuran	250.000	268.632	-7.5	90	0.00
30	C	Chloroform	50.000	53.062	-6.1#	92	0.00
31	T	Cyclohexane	50.000	50.829	-1.7	88	0.00
32	T	1,1,1-Trichloroethane	50.000	52.867	-5.7	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.289	-8.6	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	55.068	-10.1	99	0.00
36	T	1,1-Dichloropropene	50.000	52.580	-5.2	91	0.00
37	T	Ethyl Acetate	50.000	52.061	-4.1	88	0.00
38	T	Carbon Tetrachloride	50.000	54.095	-8.2	91	0.00
39	T	Methylcyclohexane	50.000	52.537	-5.1	86	0.00
40	TM	Benzene	50.000	51.250	-2.5	88	0.00
41	T	Methacrylonitrile	50.000	58.638	-17.3	93	0.00
42	TM	1,2-Dichloroethane	50.000	54.526	-9.1	92	0.00
43	T	Isopropyl Acetate	50.000	55.023	-10.0	90	0.00
44	TM	Trichloroethene	50.000	51.427	-2.9	89	0.00
45	C	1,2-Dichloropropane	50.000	53.066	-6.1#	90	0.00
46	T	Dibromomethane	50.000	53.031	-6.1	89	0.00
47	T	Bromodichloromethane	50.000	53.955	-7.9	92	0.00
48	T	Methyl methacrylate	50.000	55.873	-11.7	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	1186.332	-18.6	95	0.00
50	S	Toluene-d8	50.000	53.281	-6.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.768	-13.5	90	0.00
52	CM	Toluene	50.000	52.567	-5.1#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	46.374	7.3	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.724	-5.4	85	0.00
55	T	1,1,2-Trichloroethane	50.000	53.024	-6.0	91	0.00
56	T	Ethyl methacrylate	50.000	57.685	-15.4	91	0.00
57	T	1,3-Dichloropropane	50.000	52.934	-5.9	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.840	-13.5	92	0.00
59	T	2-Hexanone	250.000	288.176	-15.3	92	0.00
60	T	Dibromochloromethane	50.000	55.034	-10.1	90	0.00
61	T	1,2-Dibromoethane	50.000	54.310	-8.6	91	0.00
62	S	4-Bromofluorobenzene	50.000	57.384	-14.8	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	52.027	-4.1	91	0.00
65	PM	Chlorobenzene	50.000	53.594	-7.2	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.667	-7.3	92	0.00
67	C	Ethyl Benzene	50.000	53.807	-7.6#	89	0.00
68	T	m/p-Xylenes	100.000	108.466	-8.5	90	0.00
69	T	o-Xylene	50.000	54.084	-8.2	89	0.00
70	T	Styrene	50.000	55.657	-11.3	89	0.00
71	P	Bromoform	50.000	54.707	-9.4	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	51.190	-2.4	90	0.00
74	T	N-amyl acetate	50.000	54.422	-8.8	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.364	-0.7	94	0.00
76	T	1,2,3-Trichloropropane	50.000	49.264	1.5	90	0.00
77	T	Bromobenzene	50.000	50.610	-1.2	92	0.00
78	T	n-propylbenzene	50.000	52.709	-5.4	91	0.00
79	T	2-Chlorotoluene	50.000	50.954	-1.9	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.610	-5.2	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.047	9.9	80	0.00
82	T	4-Chlorotoluene	50.000	52.668	-5.3	92	0.00
83	T	tert-Butylbenzene	50.000	52.105	-4.2	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.309	-6.6	92	0.00
85	T	sec-Butylbenzene	50.000	53.568	-7.1	92	0.00
86	T	p-Isopropyltoluene	50.000	54.003	-8.0	94	0.00
87	T	1,3-Dichlorobenzene	50.000	51.186	-2.4	93	0.00
88	T	1,4-Dichlorobenzene	50.000	51.210	-2.4	94	0.00
89	T	n-Butylbenzene	50.000	54.802	-9.6	92	0.00
90	T	Hexachloroethane	50.000	53.199	-6.4	93	0.00
91	T	1,2-Dichlorobenzene	50.000	52.801	-5.6	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.681	-11.4	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.589	-9.2	99	0.00
94	T	Hexachlorobutadiene	50.000	53.166	-6.3	97	0.00
95	T	Naphthalene	50.000	53.960	-7.9	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045712.D
Acq On : 11 Apr 2025 02:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	54.488	-9.0	98	0.00

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

QC SAMPLE DATA

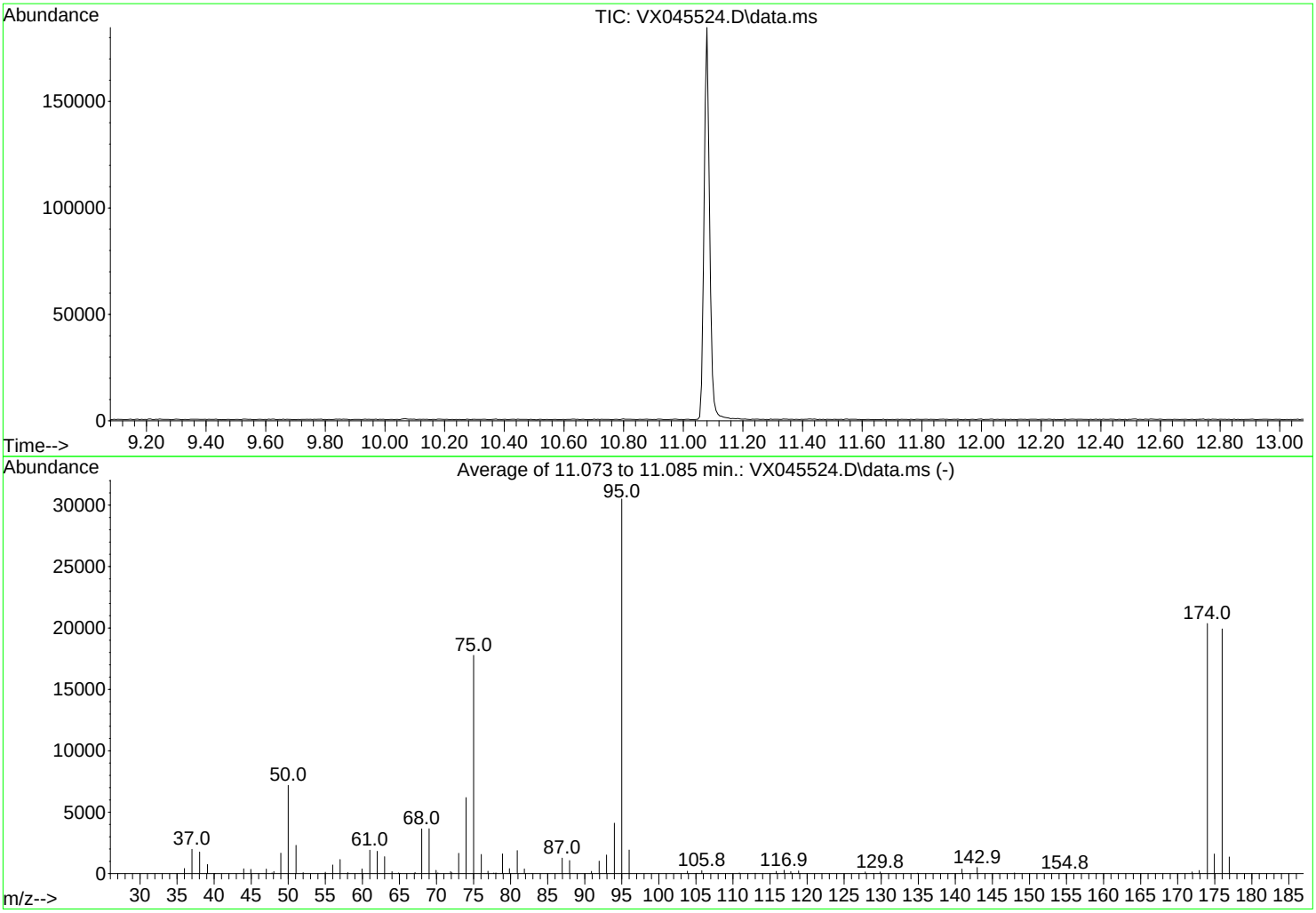
Sample Results: **VX045524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

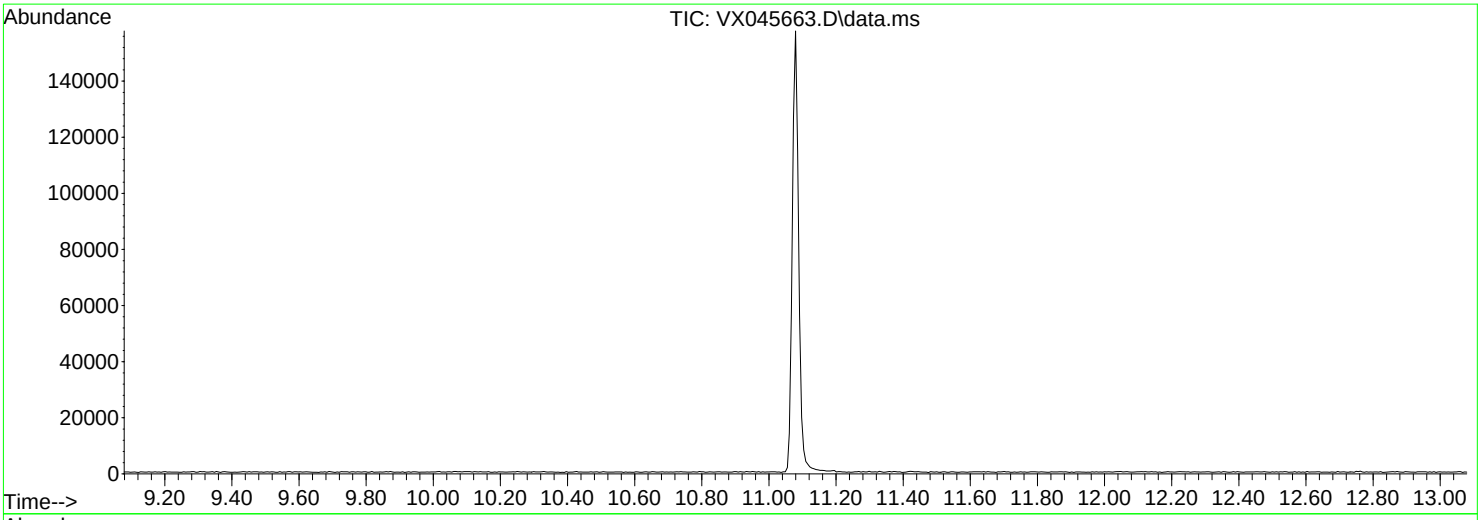
Sample Results: **VX045663.D**

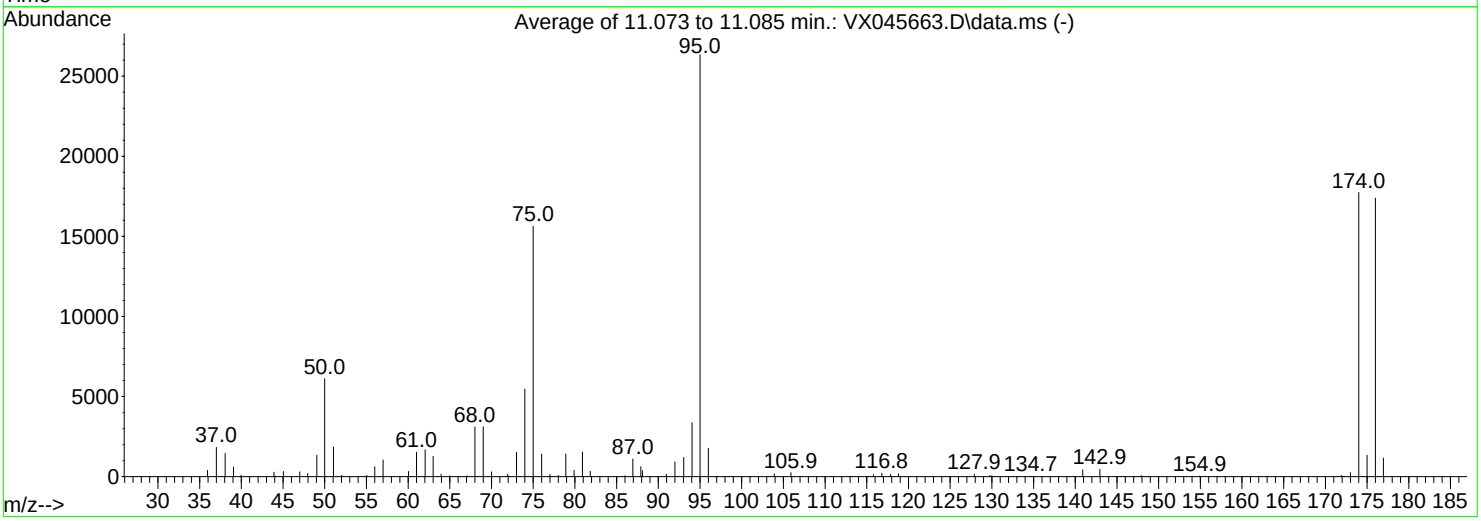
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045663.D
Acq On : 09 Apr 2025 09:38
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.2	6109	PASS
75	95	30	60	59.4	15637	PASS
95	95	100	100	100.0	26333	PASS
96	95	5	9	6.7	1772	PASS
173	174	0.00	2	1.4	252	PASS
174	95	50	100	67.4	17742	PASS
175	174	5	9	7.5	1336	PASS
176	174	95	101	98.0	17394	PASS
177	176	5	9	6.7	1162	PASS

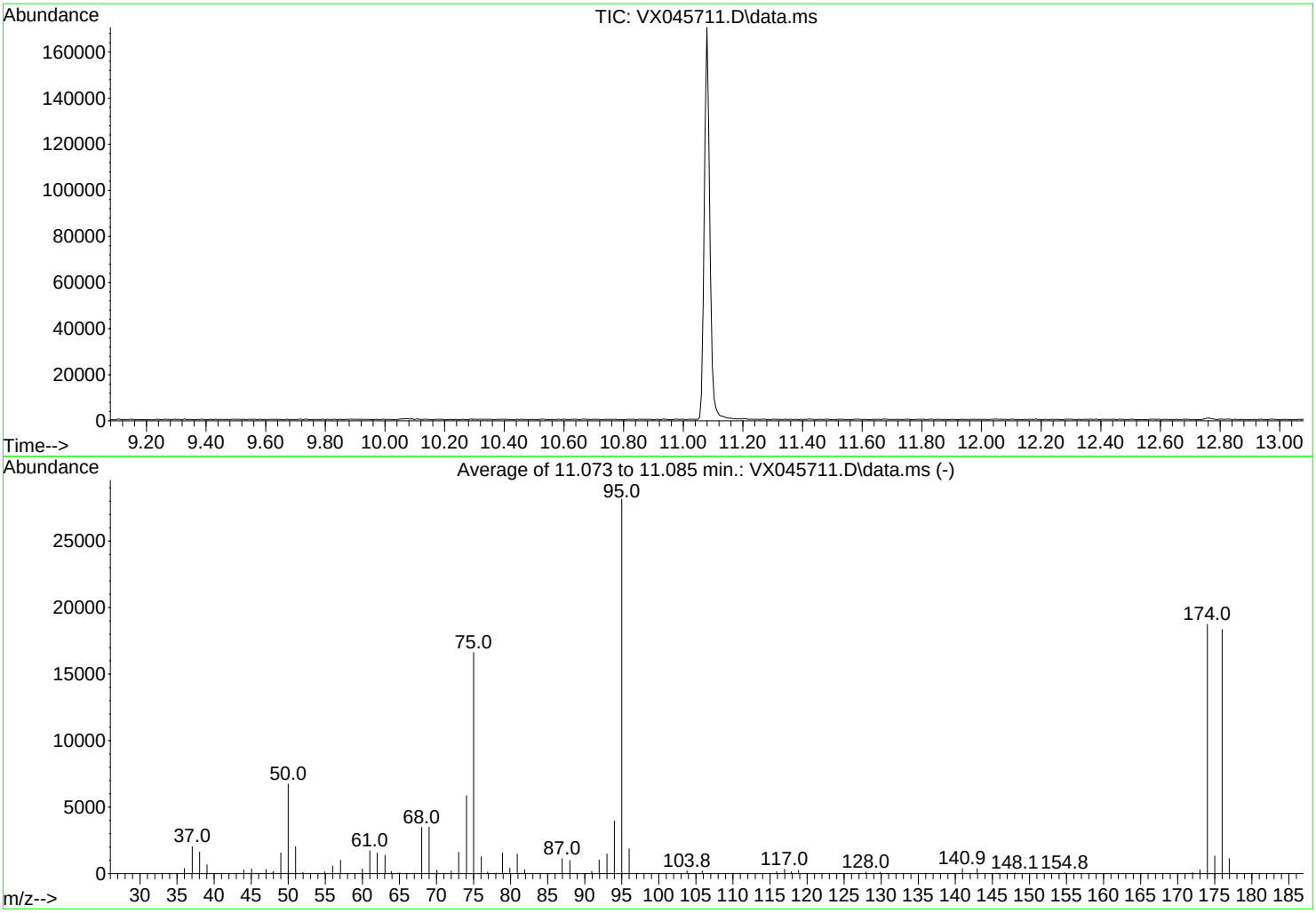
Sample Results: **VX045711.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045711.D
Acq On : 11 Apr 2025 02:10
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.9	6738	PASS
75	95	30	60	59.0	16619	PASS
95	95	100	100	100.0	28163	PASS
96	95	5	9	6.6	1871	PASS
173	174	0.00	2	1.5	278	PASS
174	95	50	100	66.5	18742	PASS
175	174	5	9	7.1	1328	PASS
176	174	95	101	97.9	18355	PASS
177	176	5	9	6.2	1135	PASS

Raw Data: **VX045666.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX045666.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69900	5.544			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	50500	12.018			

Raw Data: **VX045666.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

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\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	69921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68376	53.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.940%			
35) Dibromofluoromethane	5.379	113	50392	51.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	172860	50.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	62262	49.896	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.800%			

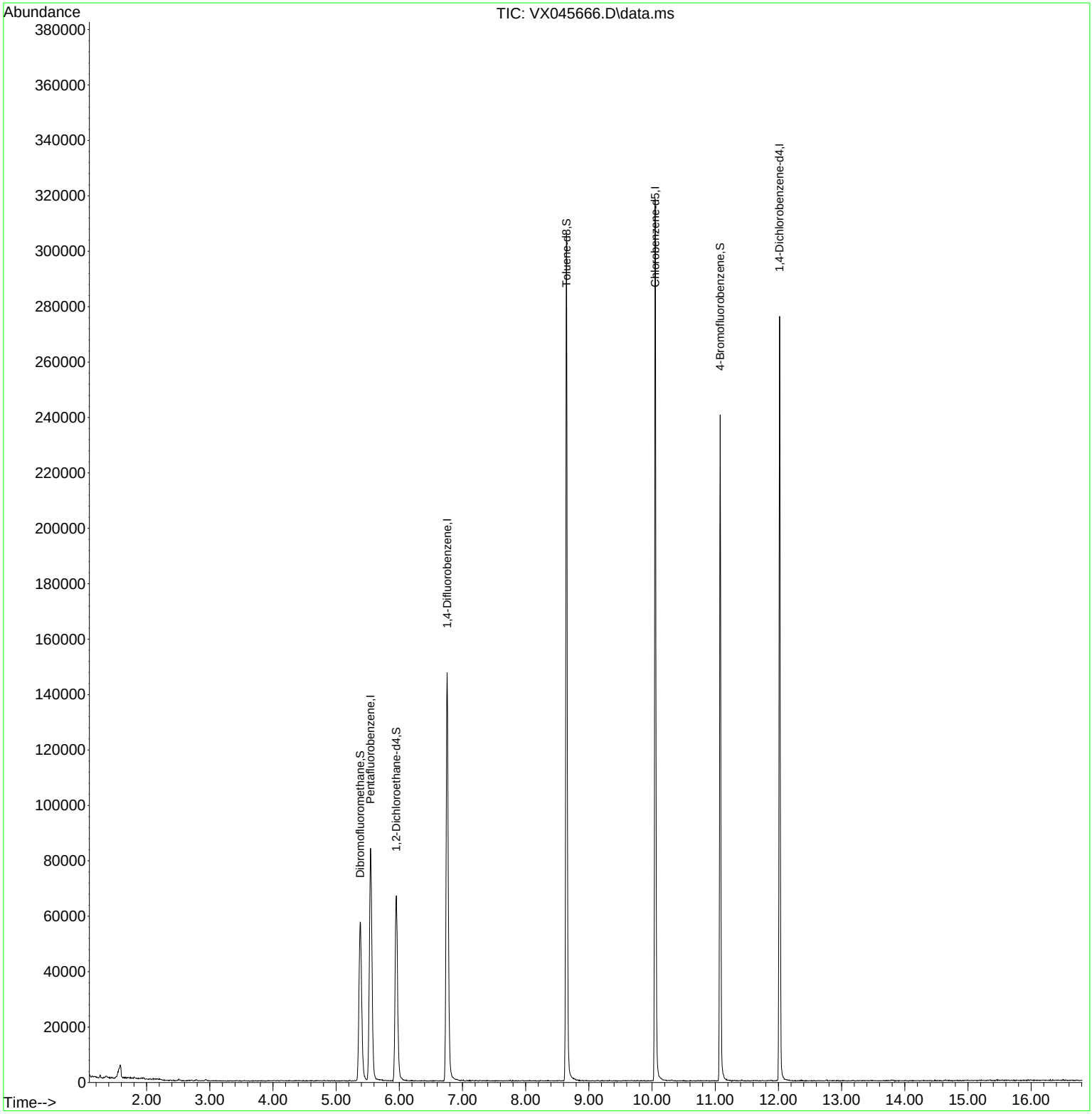
Target Compounds Qvalue

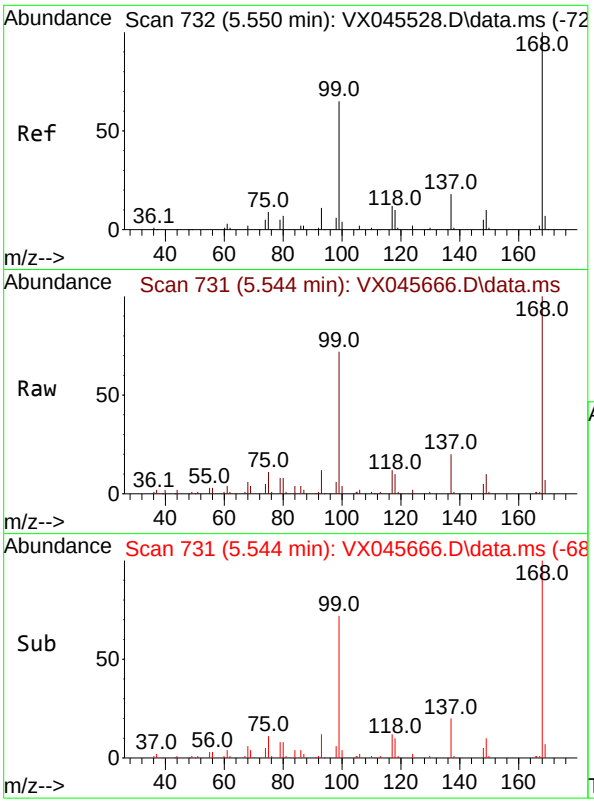
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



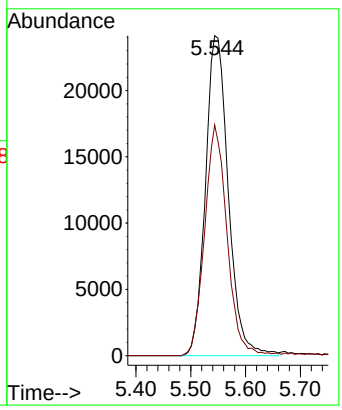


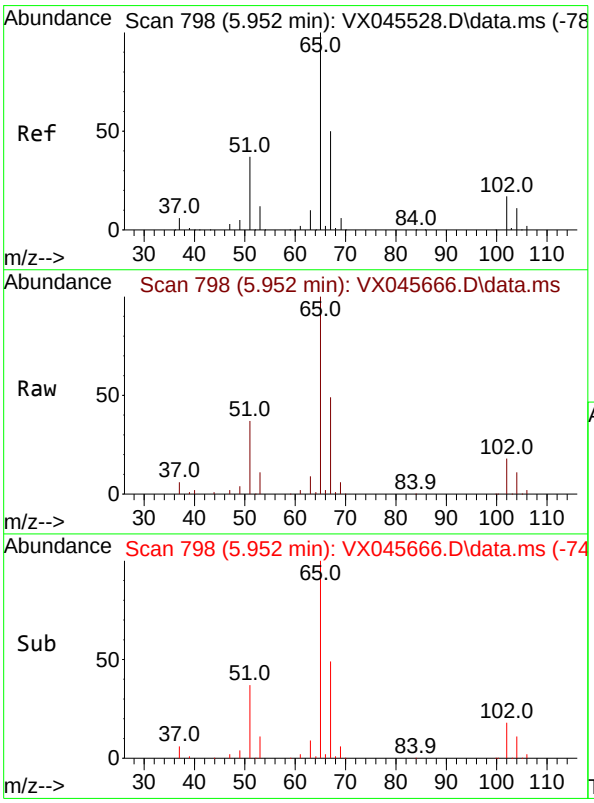
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:168 Resp: 69921

Ion	Ratio	Lower	Upper
168	100		
99	72.1	52.3	78.5

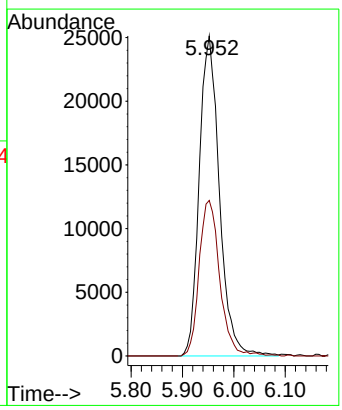


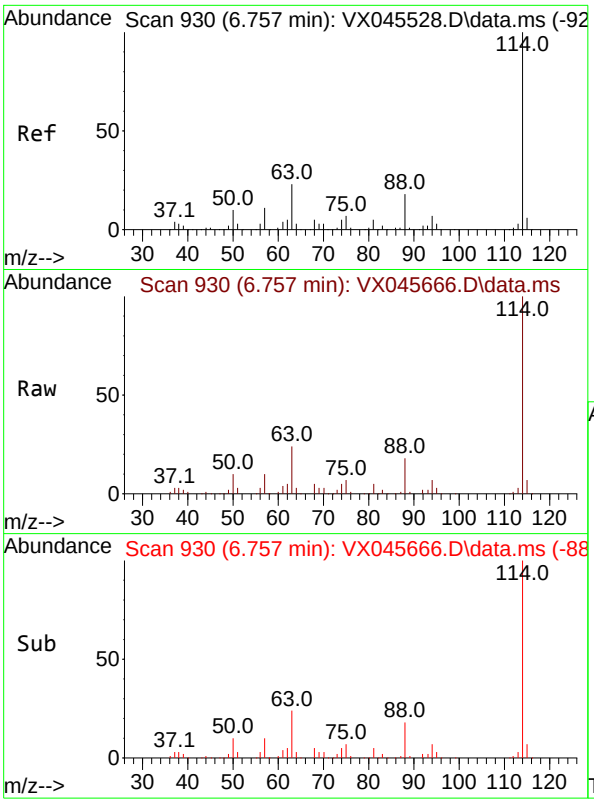


#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 65 Resp: 68376

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.0



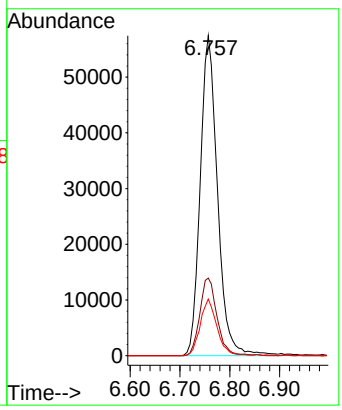


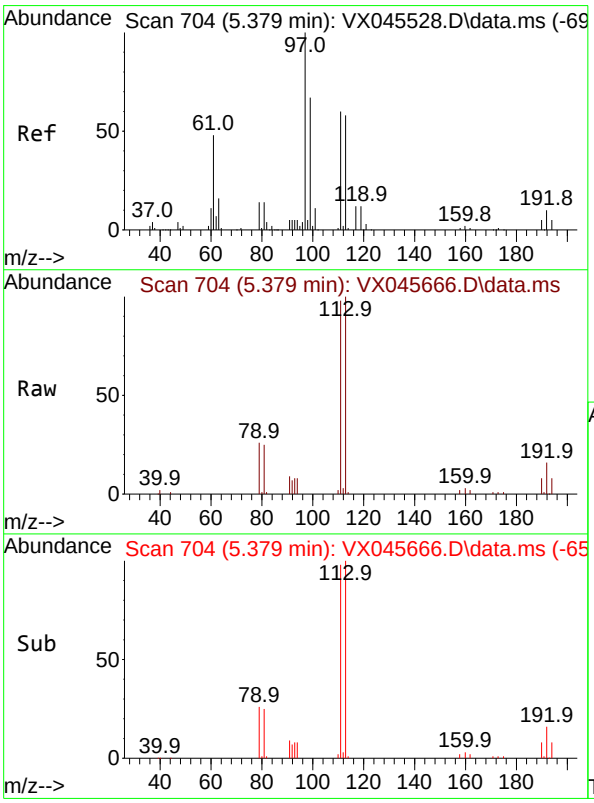
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:114 Resp: 138334

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.8
88	17.7	0.0	35.4

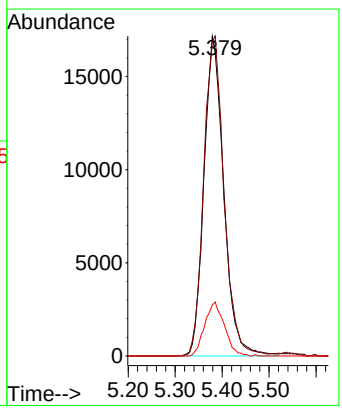


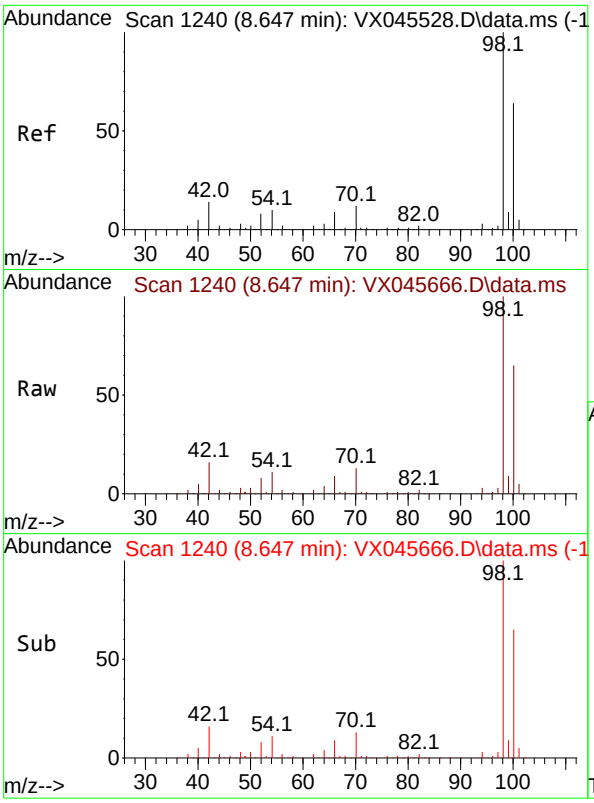


#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion:113 Resp: 50392

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	16.7	13.8	20.6



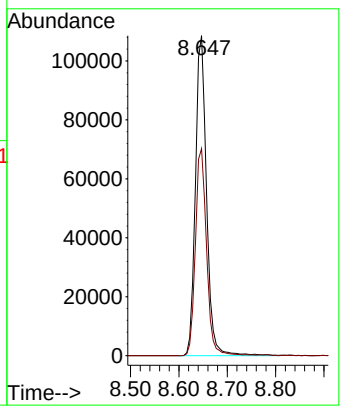


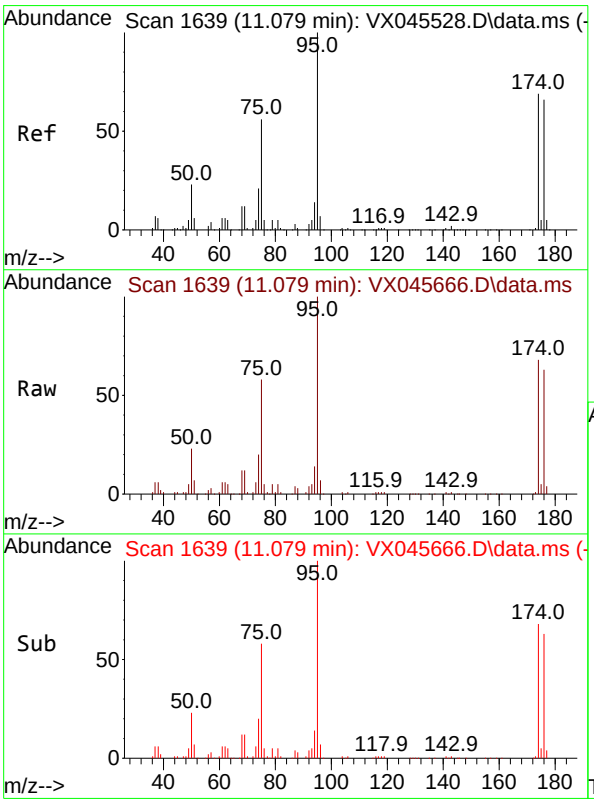
#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion: 98 Resp: 172860

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

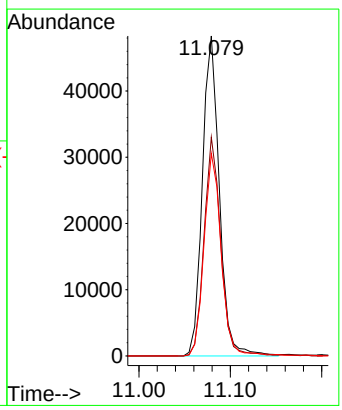


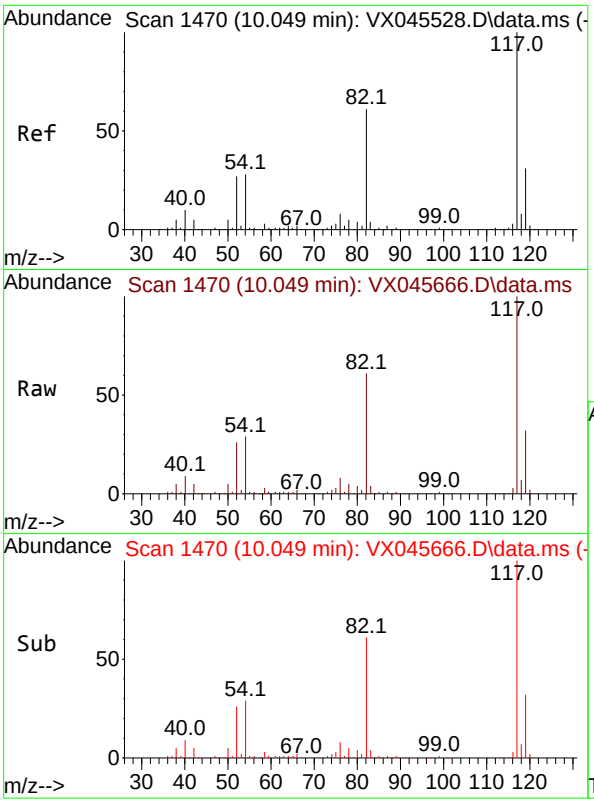


#62
4-Bromofluorobenzene
Concen: 49.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 95 Resp: 62262

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	63.9	0.0	131.4



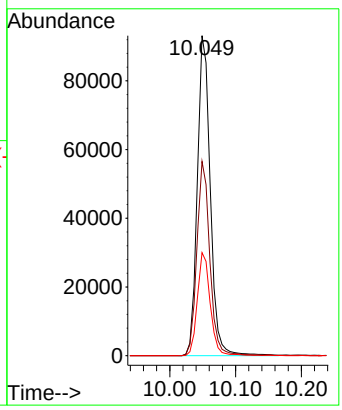


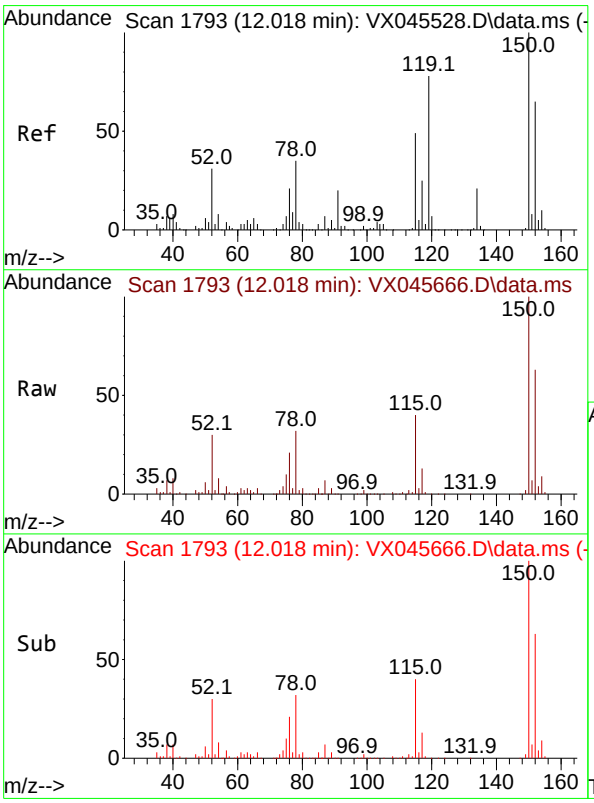
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:117 Resp: 127856

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	32.2	25.1	37.7

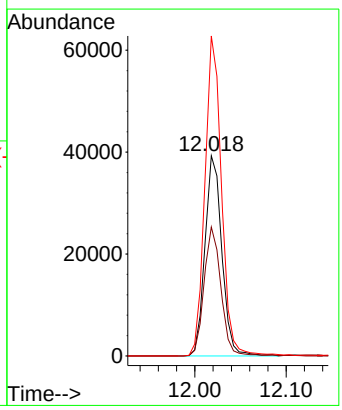




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion:152 Resp: 50474

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	157.2	0.0	349.4



Sample Results: **VX045666.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	71	81	88	rVB6	4675	13348	2.73%	0.527%
2	5.379	692	704	721	rBV	57236	171829	35.18%	6.778%
3	5.544	721	731	746	rVV	83572	233439	47.80%	9.209%
4	5.952	789	798	811	rBV	66955	182515	37.37%	7.200%
5	6.757	921	930	944	rBV	147466	353208	72.32%	13.933%
6	8.647	1233	1240	1257	rBV	305945	488412	100.00%	19.267%
7	10.049	1465	1470	1490	rBV	318239	434702	89.00%	17.148%
8	11.079	1634	1639	1655	rBV	240407	310727	63.62%	12.257%
9	12.018	1788	1793	1805	rBV	275717	346850	71.02%	13.682%

Sum of corrected areas: 2535030

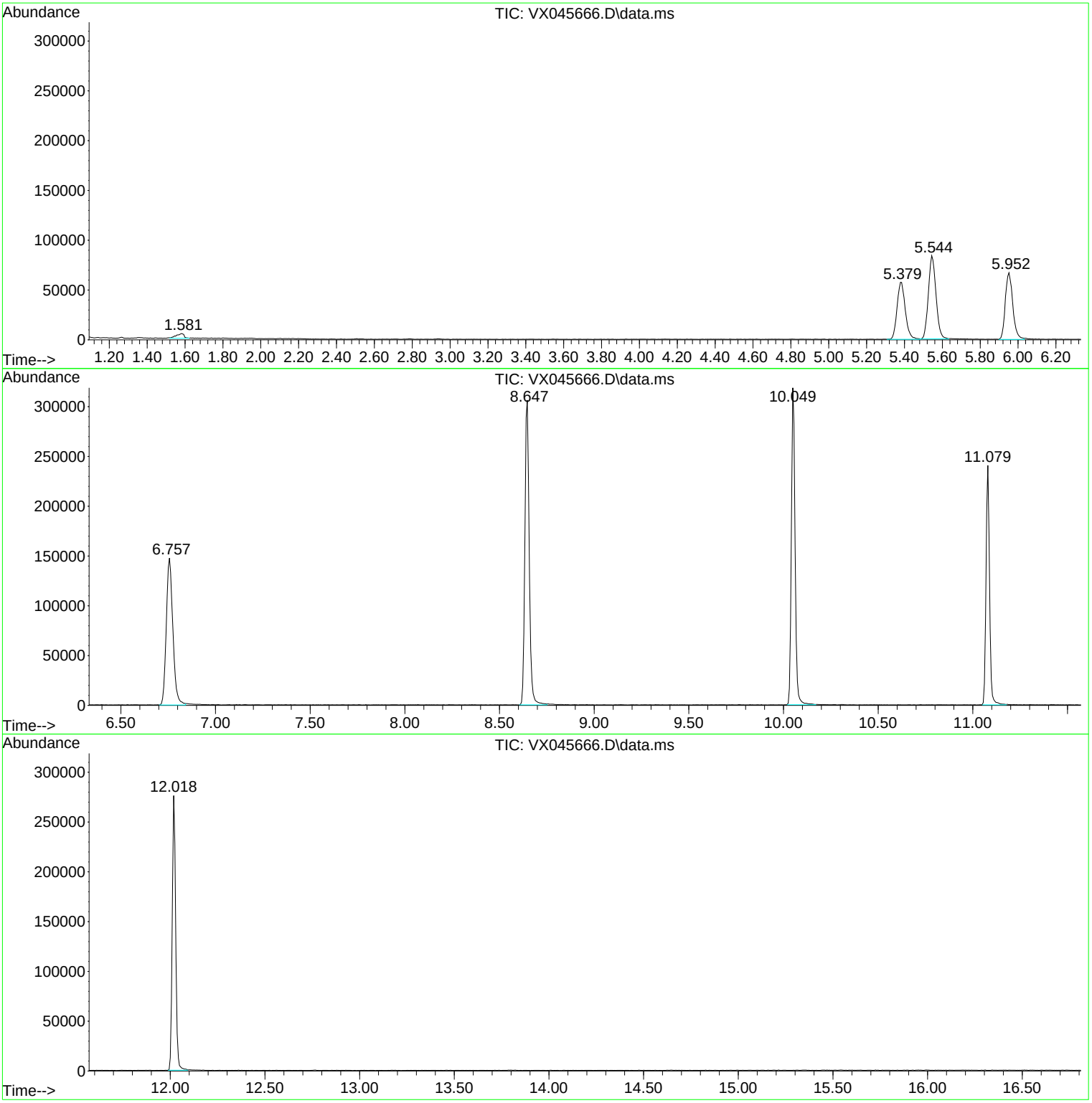
Sample Results: **VX045666.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX045666.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.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\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX045714.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

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

Raw Data: **VX045714.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68800	5.544			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			

Raw Data: **VX045714.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

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\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66802	53.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	49276	51.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	8.647	98	167969	50.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	64311	53.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.200%			

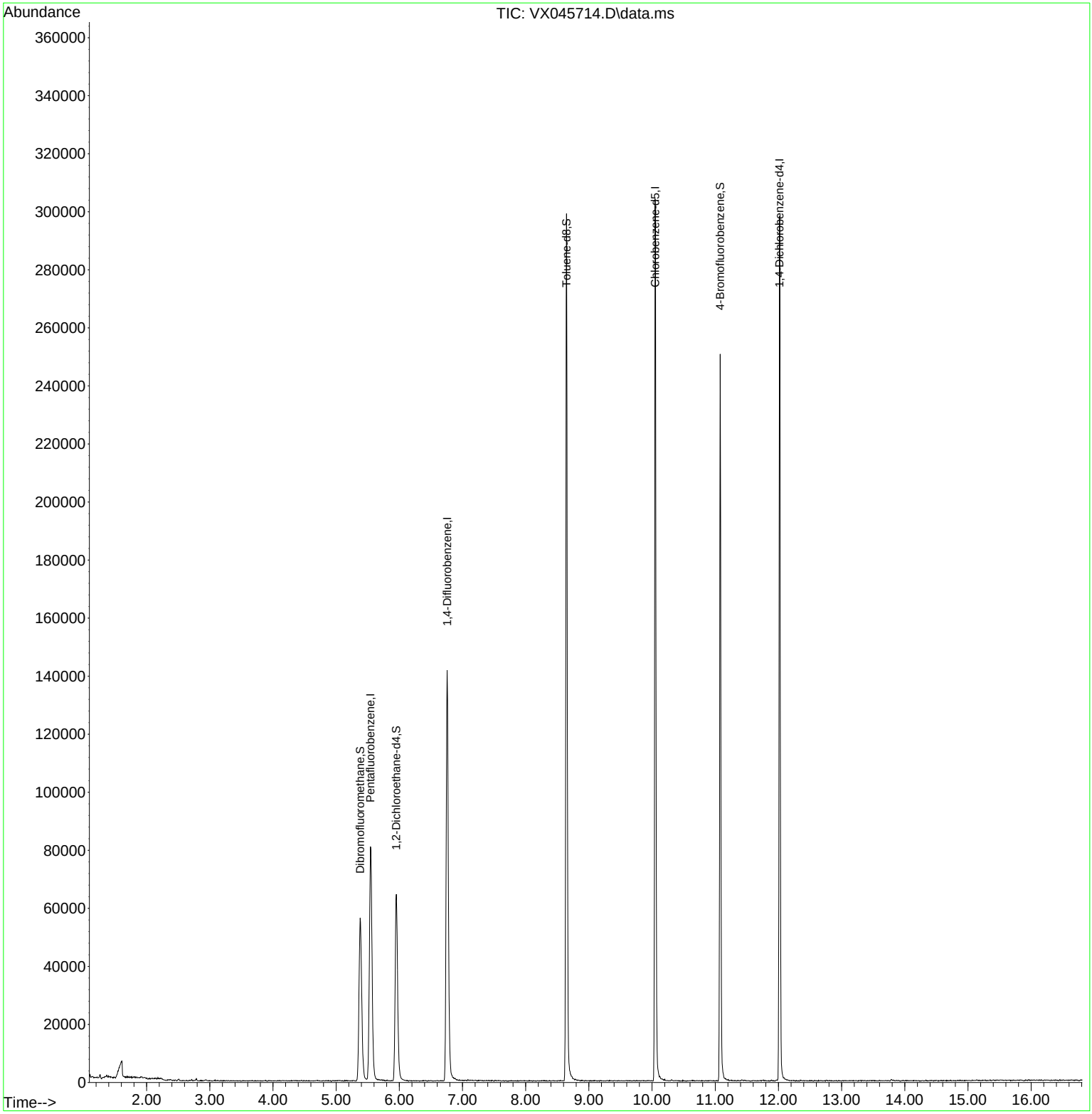
Target Compounds Qvalue

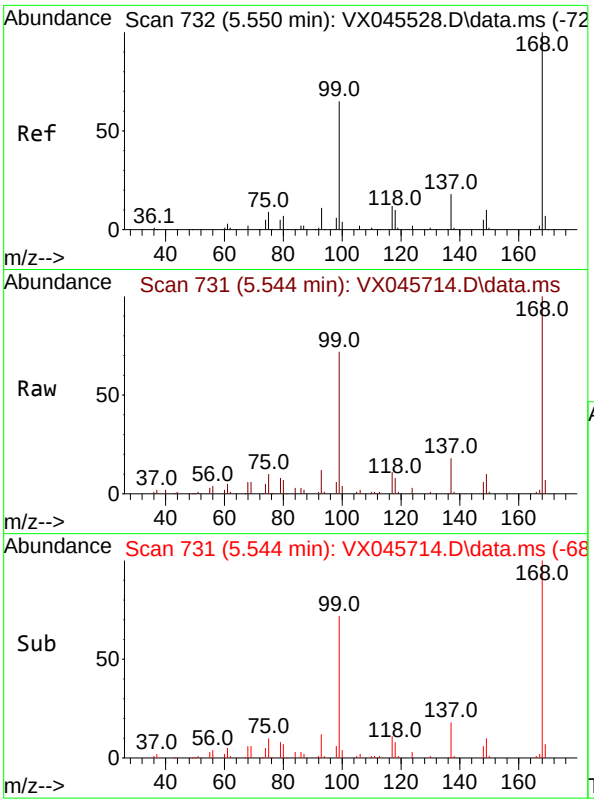
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



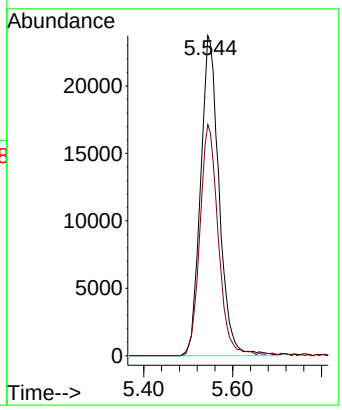


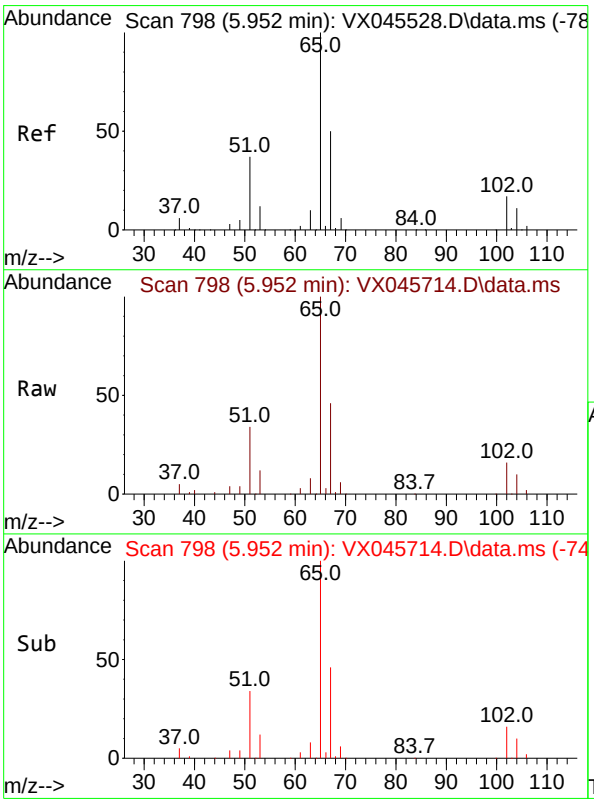
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:168 Resp: 68793

Ion	Ratio	Lower	Upper
168	100		
99	72.2	52.3	78.5

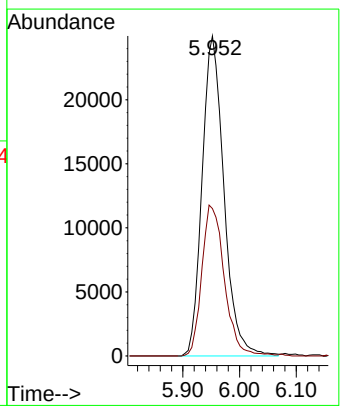


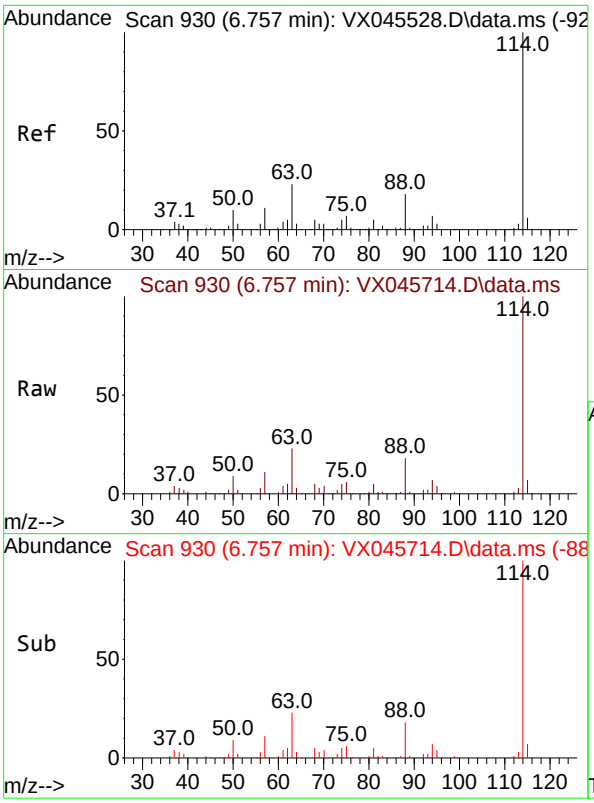


#33
1,2-Dichloroethane-d4
Concen: 53.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 65 Resp: 66802

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	99.0



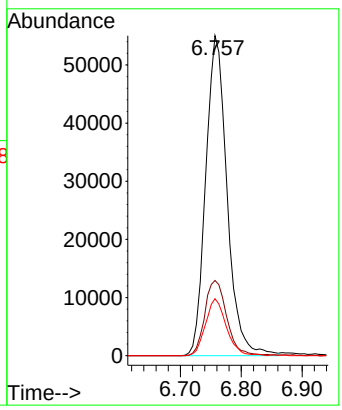


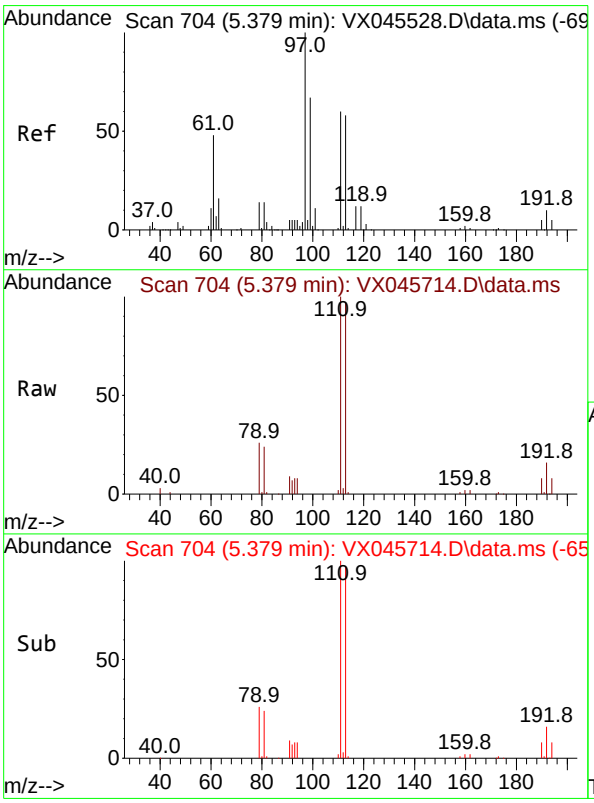
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:114 Resp: 134259

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.8
88	17.8	0.0	35.4

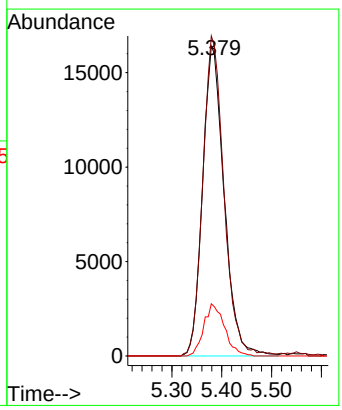


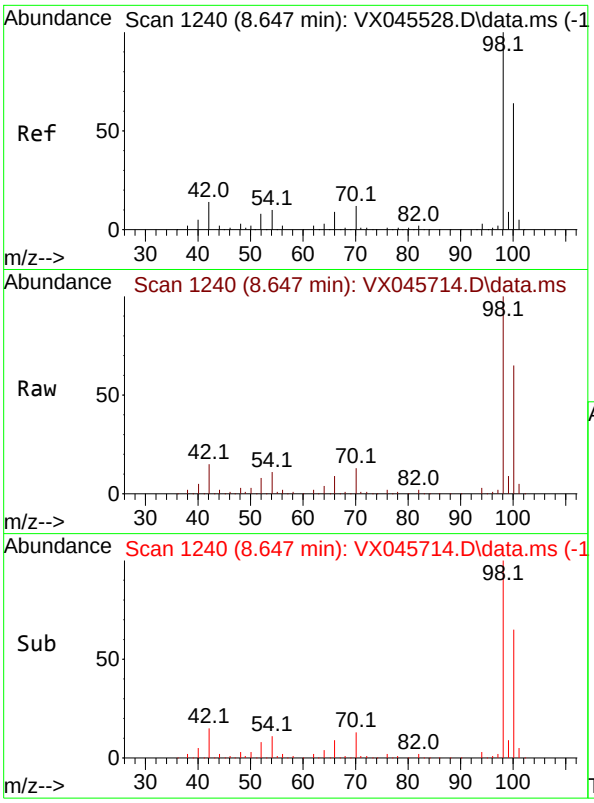


#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:113 Resp: 49276

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.6
192	16.2	13.8	20.6



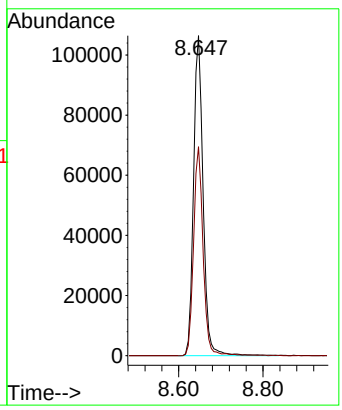


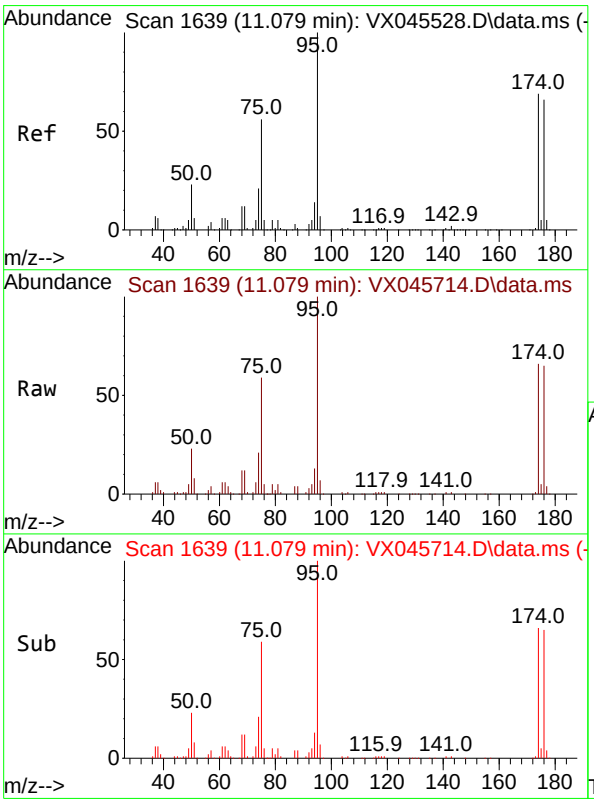
#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion: 98 Resp: 167969

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

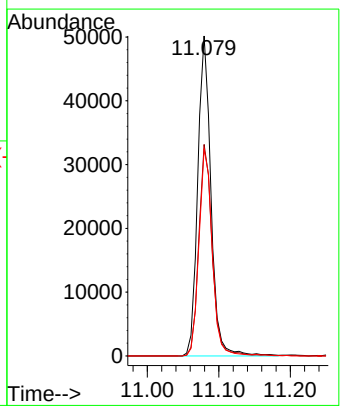


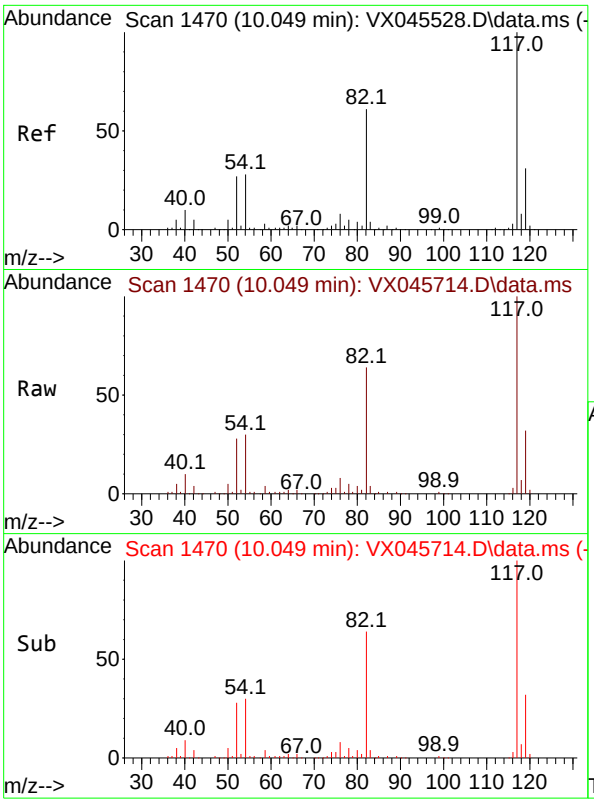


#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 95 Resp: 64311

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	65.5	0.0	131.4



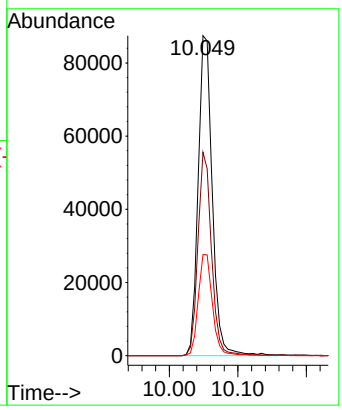


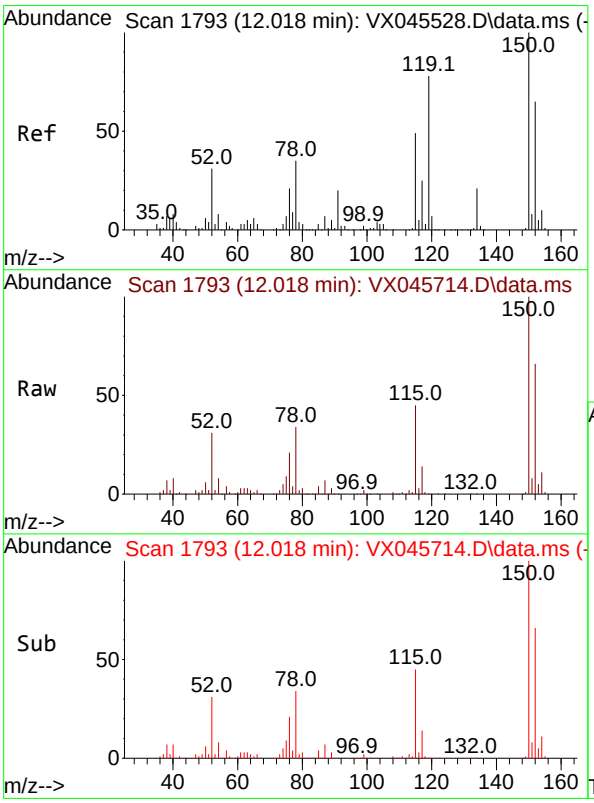
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:117 Resp: 125713

Ion	Ratio	Lower	Upper
117	100		
82	63.6	49.2	73.8
119	31.6	25.1	37.7

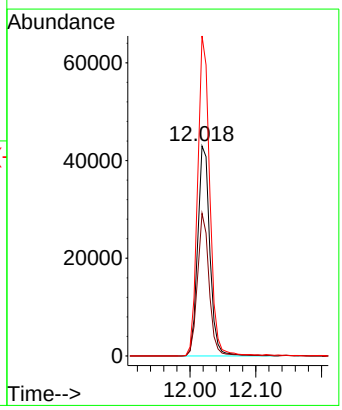




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:152 Resp: 55453

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	151.4	0.0	349.4



Sample Results: **VX045714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	69	86	89	rBV7	5782	21615	4.57%	0.855%
2	5.379	694	704	721	rBV	56144	167262	35.39%	6.619%
3	5.544	722	731	749	rVB3	80397	229680	48.60%	9.090%
4	5.952	789	798	820	rBV	64246	173844	36.79%	6.880%
5	6.757	921	930	945	rBV	141405	342136	72.40%	13.540%
6	8.647	1233	1240	1253	rBV	298773	472560	100.00%	18.702%
7	10.049	1465	1470	1481	rBV	303922	428592	90.70%	16.962%
8	11.079	1634	1639	1652	rBV	250440	319108	67.53%	12.629%
9	12.018	1788	1793	1803	rBV	297819	372045	78.73%	14.724%

Sum of corrected areas: 2526842

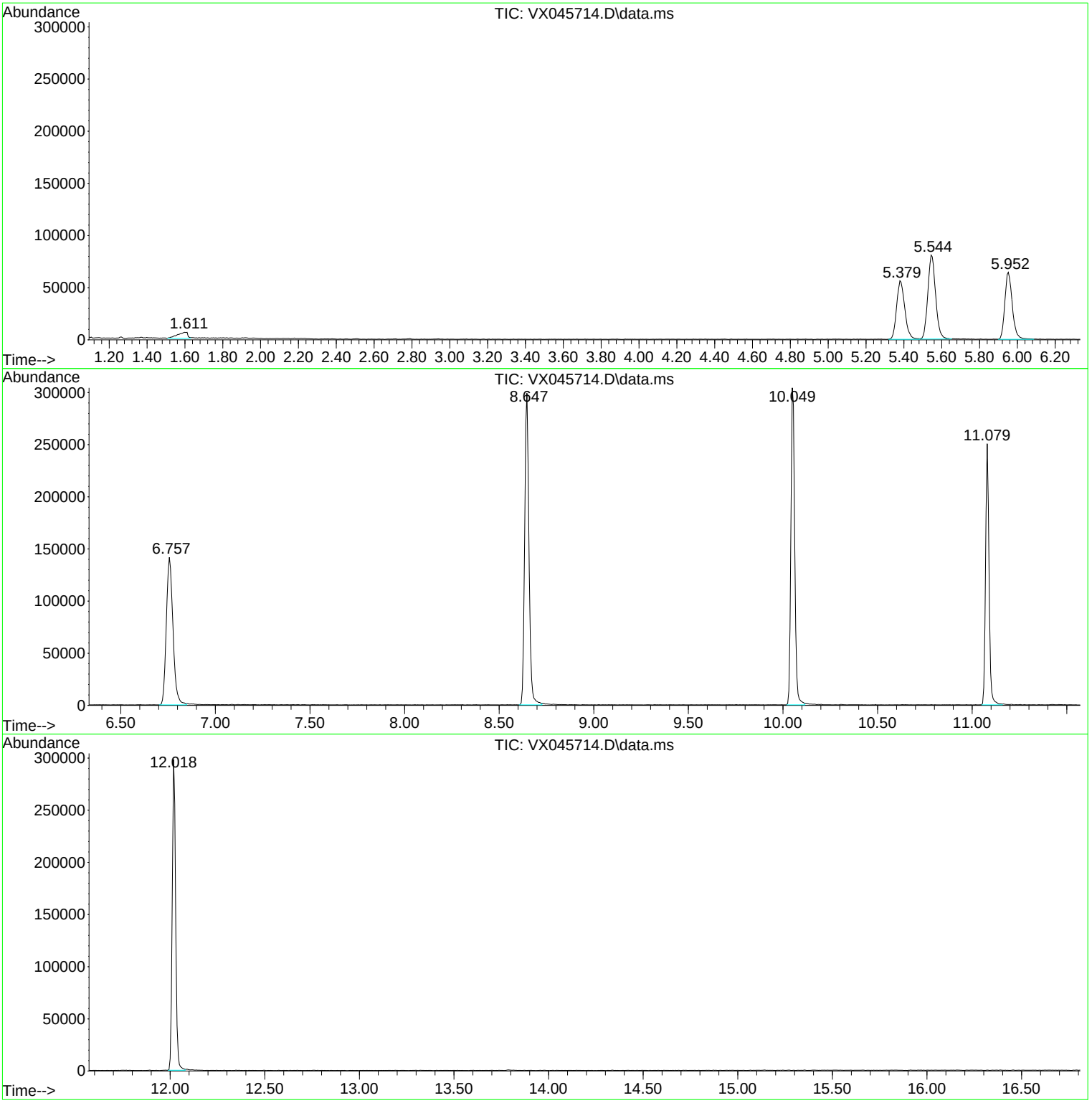
Sample Results: **VX045714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX045714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.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\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX045667.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.26	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	93.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.50	5.00	ug/L
78-93-3	2-Butanone	94.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.5		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	19.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94100	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	141000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	64200	12.018			

Raw Data: **VX045667.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

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\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.544	168	94074	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163361	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141398	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64175	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.952	65	92053	53.508 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%		
35) Dibromofluoromethane	5.379	113	63174	54.505 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%		
50) Toluene-d8	8.647	98	214655	53.060 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%		
62) 4-Bromofluorobenzene	11.079	95	77473	52.574 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	28296	20.113 ug/l	99
3) Chloromethane	1.301	50	27094	18.746 ug/l	96
4) Vinyl Chloride	1.374	62	24425	18.466 ug/l	98
5) Bromomethane	1.593	94	11395	18.169 ug/l	98
6) Chloroethane	1.672	64	14346	20.443 ug/l	100
7) Trichlorofluoromethane	1.880	101	38861	19.702 ug/l	96
8) Diethyl Ether	2.130	74	12161	18.364 ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	23620	20.436 ug/l	95
10) Methyl Iodide	2.447	142	26699	18.520 ug/l	98
11) Tert butyl alcohol	2.965	59	22380	96.798 ug/l	97
12) 1,1-Dichloroethene	2.313	96	20770	18.391 ug/l	96
13) Acrolein	2.233	56	25659	80.591 ug/l	99
14) Allyl chloride	2.660	41	41579	19.404 ug/l	98
15) Acrylonitrile	3.062	53	68147	93.374 ug/l	99
16) Acetone	2.380	43	65896	93.280 ug/l	95
17) Carbon Disulfide	2.508	76	46029	16.502 ug/l	99
18) Methyl Acetate	2.703	43	32926	20.244 ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76110	19.265 ug/l	100
20) Methylene Chloride	2.782	84	24229	18.320 ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21257	18.424 ug/l	97
22) Diisopropyl ether	3.757	45	79613	18.861 ug/l #	83
23) Vinyl Acetate	3.721	43	345218	94.659 ug/l	100
24) 1,1-Dichloroethane	3.605	63	45684	19.137 ug/l	99
25) 2-Butanone	4.556	43	97809	94.586 ug/l	98
26) 2,2-Dichloropropane	4.471	77	32813	21.275 ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26125	18.585 ug/l	97
28) Bromochloromethane	4.891	49	22802	19.766 ug/l	99
29) Tetrahydrofuran	5.007	42	62847	93.742 ug/l	99
30) Chloroform	5.086	83	47524	19.348 ug/l	98
31) Cyclohexane	5.458	56	39121	18.537 ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	39802	19.150 ug/l	99
36) 1,1-Dichloropropene	5.684	75	30850	19.713 ug/l	98
37) Ethyl Acetate	4.715	43	35720	18.112 ug/l	99
38) Carbon Tetrachloride	5.666	117	33982	20.092 ug/l	96
39) Methylcyclohexane	7.373	83	37396	19.494 ug/l	95
40) Benzene	6.031	78	92251	19.301 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	21224	20.397	ug/l		97
42) 1,2-Dichloroethane	6.086	62	40264	20.397	ug/l		99
43) Isopropyl Acetate	6.336	43	57645	19.285	ug/l		100
44) Trichloroethene	7.123	130	21805	19.194	ug/l		97
45) 1,2-Dichloropropane	7.428	63	23339	19.571	ug/l		100
46) Dibromomethane	7.580	93	17802	19.446	ug/l		98
47) Bromodichloromethane	7.818	83	35828	19.598	ug/l		98
48) Methyl methacrylate	7.690	41	30321	19.647	ug/l		99
49) 1,4-Dioxane	7.659	88	11977	428.937	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	200067	100.967	ug/l		99
52) Toluene	8.714	92	55913	19.333	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	30206	18.684	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	34931	20.333	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	22964	19.926	ug/l		96
56) Ethyl methacrylate	9.116	69	35297	19.790	ug/l		99
57) 1,3-Dichloropropane	9.305	76	39607	19.736	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	88591	98.189	ug/l		100
59) 2-Hexanone	9.427	43	148084	100.919	ug/l		99
60) Dibromochloromethane	9.519	129	24830	19.763	ug/l		98
61) 1,2-Dibromoethane	9.604	107	23143	19.837	ug/l		99
64) Tetrachloroethene	9.269	164	20900	20.935	ug/l		98
65) Chlorobenzene	10.073	112	61480	20.348	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20527	19.568	ug/l		99
67) Ethyl Benzene	10.189	91	108358	20.024	ug/l		98
68) m/p-Xylenes	10.299	106	79752	40.521	ug/l		99
69) o-Xylene	10.640	106	39137	20.186	ug/l		99
70) Styrene	10.653	104	64826	20.258	ug/l		98
71) Bromoform	10.799	173	15275	19.502	ug/l	#	100
73) Isopropylbenzene	10.957	105	104506	20.330	ug/l		99
74) N-amyl acetate	10.842	43	49023	19.937	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35954	19.910	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31590m	20.180	ug/l		
77) Bromobenzene	11.195	156	24141	20.325	ug/l		98
78) n-propylbenzene	11.299	91	120369	20.329	ug/l		100
79) 2-Chlorotoluene	11.360	91	74998	19.813	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	88053	20.715	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.806	ug/l		95
82) 4-Chlorotoluene	11.451	91	86832	20.575	ug/l		100
83) tert-Butylbenzene	11.713	119	84807	20.152	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	86160	20.195	ug/l		99
85) sec-Butylbenzene	11.890	105	106901	20.682	ug/l		100
86) p-Isopropyltoluene	12.006	119	86083	20.201	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42896	19.841	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	43700	19.938	ug/l		97
89) n-Butylbenzene	12.329	91	74429	20.141	ug/l		99
90) Hexachloroethane	12.536	117	14599	19.934	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	44205	20.565	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7722	20.447	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22901	19.140	ug/l		99
94) Hexachlorobutadiene	13.725	225	10679	20.712	ug/l		98
95) Naphthalene	13.774	128	87230	19.591	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	24734	19.742	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
04/10/2025

Supervised By :Mahesh Dadoda
04/10/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

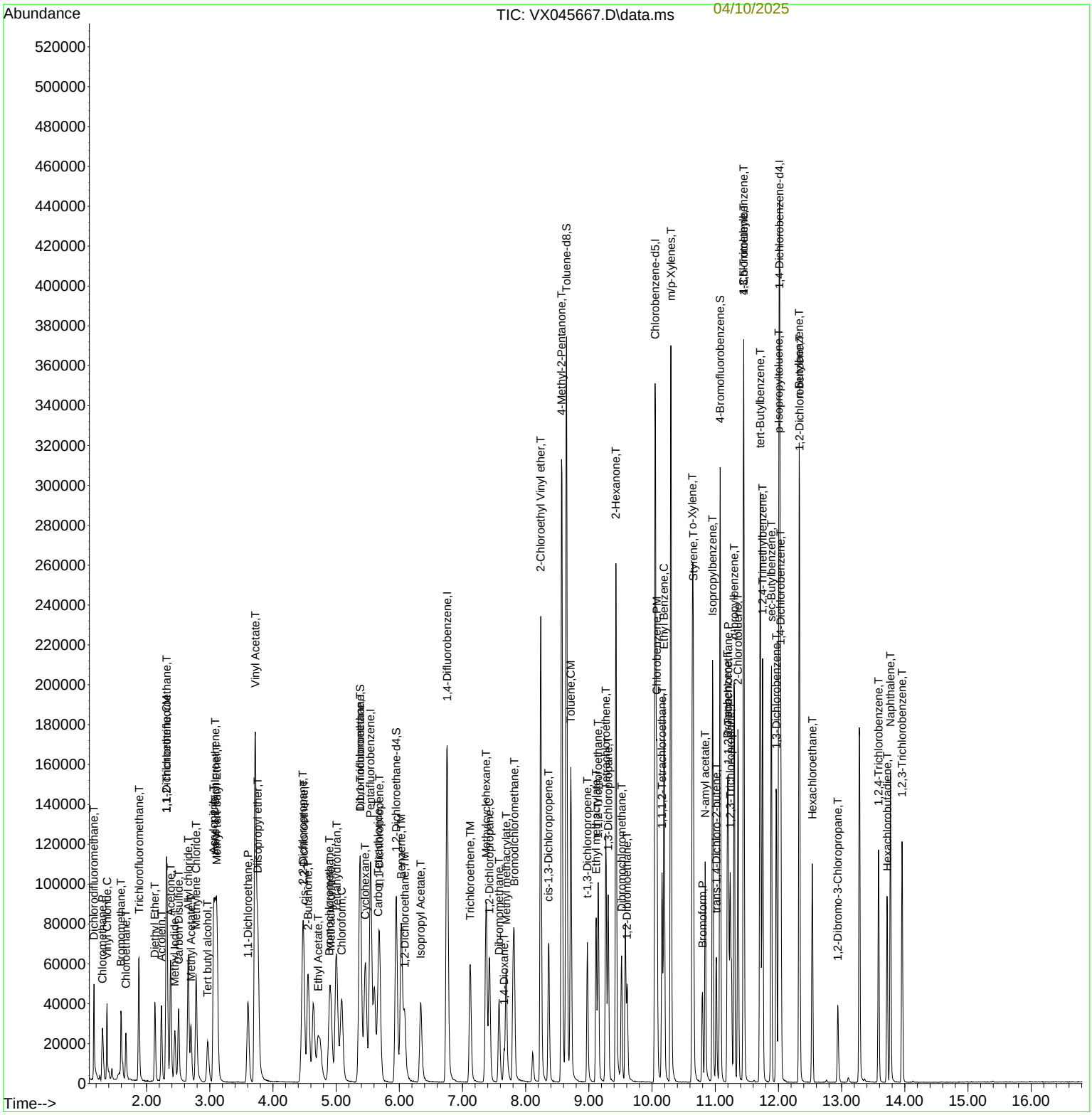
Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
04/10/2025

Supervised By :Mahesh Dadoda
04/10/2025



Raw Data: **VX045715.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		0.22	5.00	ug/L
74-87-3	Chloromethane	20.1		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.0		0.26	5.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	22.1		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.6		0.16	5.00	ug/L
79-20-9	Methyl Acetate	25.0		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.1		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.19	5.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	5.00	ug/L
67-66-3	Chloroform	21.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.0		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	5.00	ug/L
71-43-2	Benzene	20.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.6		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	20.6		0.14	5.00	ug/L

Raw Data: **VX045715.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.2		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	21.9		0.21	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	20.9		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.5		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	5.00	ug/L
108-90-7	Chlorobenzene	20.7		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	40.9		0.24	10.0	ug/L
95-47-6	o-Xylene	20.6		0.12	5.00	ug/L
100-42-5	Styrene	21.3		0.15	5.00	ug/L
75-25-2	Bromoform	19.9		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.3		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.5		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.8		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87100	5.544			
540-36-3	1,4-Difluorobenzene	157000	6.757			
3114-55-4	Chlorobenzene-d5	140000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	64300	12.018			

Raw Data: **VX045715.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

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\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	87130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86692	54.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.820%			
35) Dibromofluoromethane	5.379	113	59553	53.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.647	98	204884	52.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%			
62) 4-Bromofluorobenzene	11.079	95	78207	55.315	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26332	20.208	ug/l	98
3) Chloromethane	1.300	50	26935	20.121	ug/l	98
4) Vinyl Chloride	1.374	62	24489	19.990	ug/l	98
5) Bromomethane	1.593	94	11089	19.090	ug/l	99
6) Chloroethane	1.666	64	14355	22.086	ug/l	99
7) Trichlorofluoromethane	1.874	101	37926	20.761	ug/l	99
8) Diethyl Ether	2.130	74	12043	19.636	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	21200	19.804	ug/l	97
10) Methyl Iodide	2.441	142	24642	18.455	ug/l	96
11) Tert butyl alcohol	2.977	59	25091	117.172	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21027	20.102	ug/l	98
13) Acrolein	2.233	56	27019	91.626	ug/l	97
14) Allyl chloride	2.660	41	39498	19.902	ug/l	98
15) Acrylonitrile	3.062	53	72459	107.195	ug/l	99
16) Acetone	2.386	43	71344	109.041	ug/l	97
17) Carbon Disulfide	2.501	76	42621	16.498	ug/l	99
18) Methyl Acetate	2.703	43	37630	24.980	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78938	21.573	ug/l	96
20) Methylene Chloride	2.782	84	25103	20.494	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	21304	19.936	ug/l	98
22) Diisopropyl ether	3.763	45	82362	21.067	ug/l	97
23) Vinyl Acetate	3.721	43	347261	102.808	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45671	20.657	ug/l	99
25) 2-Butanone	4.562	43	105507	110.162	ug/l	100
26) 2,2-Dichloropropane	4.465	77	20380	14.267	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26276	20.182	ug/l	98
28) Bromochloromethane	4.897	49	23282	21.791	ug/l	98
29) Tetrahydrofuran	5.001	42	65353	105.249	ug/l	99
30) Chloroform	5.086	83	48799	21.450	ug/l	96
31) Cyclohexane	5.464	56	37736	19.306	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	40466	21.021	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29813	19.855	ug/l	98
37) Ethyl Acetate	4.714	43	37776	19.964	ug/l	99
38) Carbon Tetrachloride	5.666	117	34266	21.116	ug/l	98
39) Methylcyclohexane	7.379	83	34192	18.577	ug/l	99
40) Benzene	6.031	78	92647	20.203	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22495	22.532	ug/l		98
42) 1,2-Dichloroethane	6.080	62	41225	21.766	ug/l		99
43) Isopropyl Acetate	6.342	43	59508	20.750	ug/l		99
44) Trichloroethene	7.123	130	22488	20.632	ug/l		96
45) 1,2-Dichloropropane	7.427	63	23386	20.439	ug/l		93
46) Dibromomethane	7.580	93	18636	21.218	ug/l		98
47) Bromodichloromethane	7.818	83	36475	20.795	ug/l		96
48) Methyl methacrylate	7.690	41	32112	21.686	ug/l		99
49) 1,4-Dioxane	7.659	88	13511	504.321	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	212913	111.990	ug/l		99
52) Toluene	8.714	92	57054	20.561	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	28107	18.189	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32277	19.582	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	24166	21.855	ug/l		97
56) Ethyl methacrylate	9.116	69	37519	21.925	ug/l		99
57) 1,3-Dichloropropane	9.305	76	40732	21.154	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	88422	102.142	ug/l		100
59) 2-Hexanone	9.427	43	158206	112.373	ug/l		98
60) Dibromochloromethane	9.518	129	25163	20.874	ug/l		96
61) 1,2-Dibromoethane	9.610	107	24024	21.463	ug/l		97
64) Tetrachloroethene	9.269	164	19733	20.006	ug/l		98
65) Chlorobenzene	10.079	112	61919	20.742	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21126	20.384	ug/l		99
67) Ethyl Benzene	10.189	91	110080	20.589	ug/l		98
68) m/p-Xylenes	10.299	106	79502	40.883	ug/l		99
69) o-Xylene	10.640	106	39404	20.570	ug/l		97
70) Styrene	10.652	104	67354	21.303	ug/l		98
71) Bromoform	10.799	173	15391	19.889	ug/l	#	96
73) Isopropylbenzene	10.957	105	105499	20.499	ug/l		98
74) N-amyl acetate	10.841	43	49938	20.285	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37610	20.803	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31805m	20.294	ug/l		
77) Bromobenzene	11.195	156	24589	20.678	ug/l		99
78) n-propylbenzene	11.305	91	120341	20.301	ug/l		100
79) 2-Chlorotoluene	11.360	91	78497	20.713	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	89658	21.068	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7260	15.722	ug/l		92
82) 4-Chlorotoluene	11.451	91	87302	20.662	ug/l		99
83) tert-Butylbenzene	11.713	119	87666	20.807	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	88899	20.813	ug/l		99
85) sec-Butylbenzene	11.890	105	108887	21.041	ug/l		98
86) p-Isopropyltoluene	12.006	119	88002	20.627	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	44109	20.378	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	44484	20.272	ug/l		97
89) n-Butylbenzene	12.329	91	73331	19.821	ug/l		99
90) Hexachloroethane	12.536	117	14878	20.291	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	45188	20.998	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8519	22.531	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	23449	19.575	ug/l		99
94) Hexachlorobutadiene	13.725	225	10252	19.861	ug/l		99
95) Naphthalene	13.774	128	90519	20.306	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	25240	20.122	ug/l		97

Sample Results: **VX045715.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

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

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

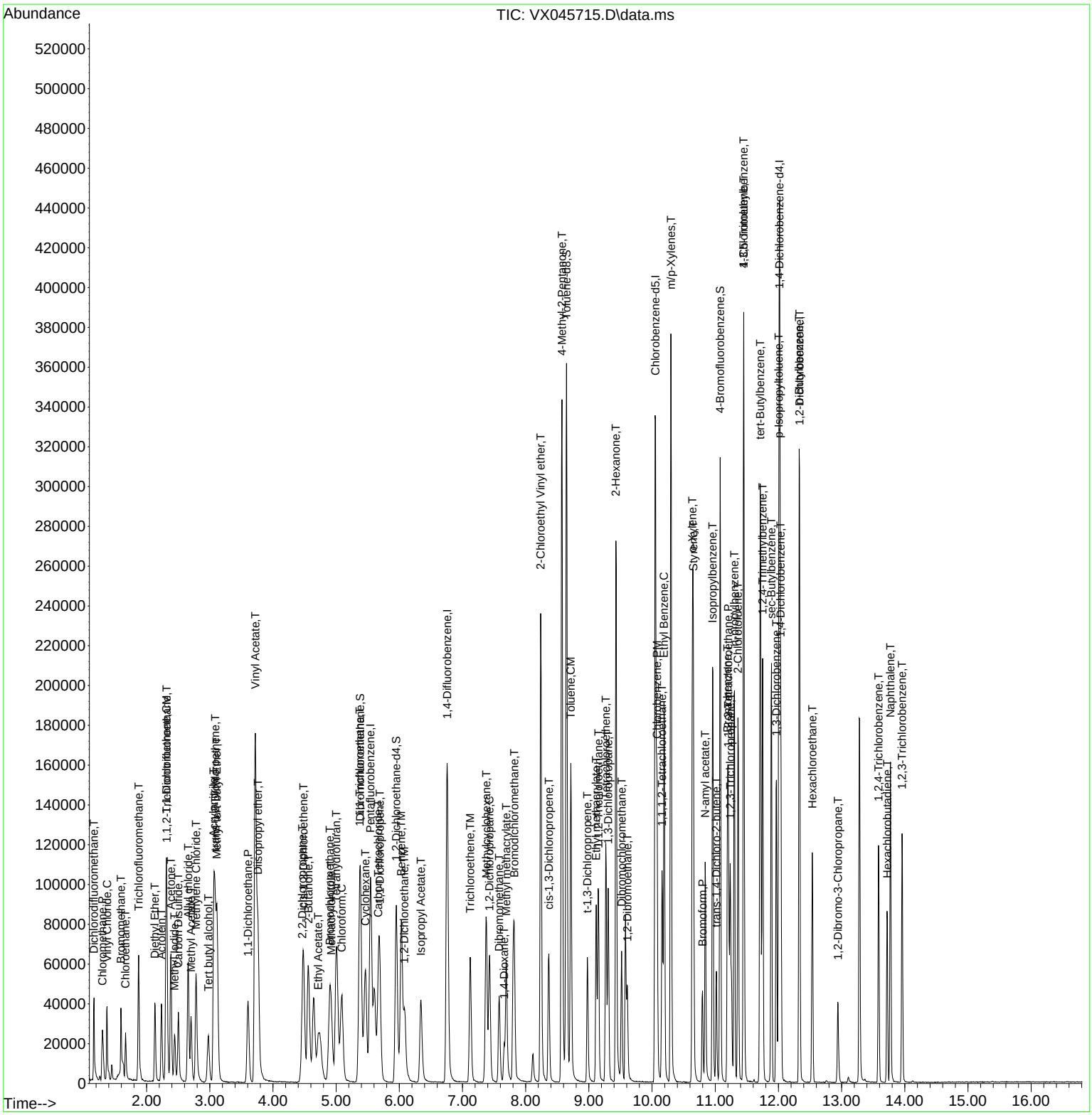
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



Raw Data: **VX045668.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.0		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		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	22.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.3		0.22	1.00	ug/L
67-66-3	Chloroform	20.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.9		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	21.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

Raw Data: **VX045668.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	22.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.7		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83900	5.544			
540-36-3	1,4-Difluorobenzene	147000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	60500	12.018			

Raw Data: **VX045668.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

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\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	83922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83081	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	5.379	113	56225	53.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.647	98	193619	53.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	72225	54.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26359	21.002	ug/l	97
3) Chloromethane	1.301	50	24598	19.078	ug/l	96
4) Vinyl Chloride	1.374	62	22249	18.856	ug/l	98
5) Bromomethane	1.593	94	10738	19.193	ug/l	96
6) Chloroethane	1.672	64	13084	20.900	ug/l	96
7) Trichlorofluoromethane	1.874	101	37130	21.102	ug/l	98
8) Diethyl Ether	2.130	74	12288	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22284	21.613	ug/l	98
10) Methyl Iodide	2.447	142	25440	19.781	ug/l	98
11) Tert butyl alcohol	2.971	59	21640	104.919	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19384	19.240	ug/l	96
13) Acrolein	2.233	56	24667	86.848	ug/l	100
14) Allyl chloride	2.660	41	38545	20.164	ug/l	100
15) Acrylonitrile	3.062	53	66469	102.092	ug/l	98
16) Acetone	2.380	43	63148	100.204	ug/l	100
17) Carbon Disulfide	2.502	76	43259	17.385	ug/l	98
18) Methyl Acetate	2.703	43	32001	22.055	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74214	21.058	ug/l	99
20) Methylene Chloride	2.782	84	23629	20.028	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	20510	19.927	ug/l	95
22) Diisopropyl ether	3.757	45	76032	20.192	ug/l #	84
23) Vinyl Acetate	3.715	43	337495	103.736	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42727	20.064	ug/l	98
25) 2-Butanone	4.556	43	93998	101.897	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31085	22.593	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24738	19.727	ug/l	97
28) Bromochloromethane	4.891	49	22944	22.295	ug/l	95
29) Tetrahydrofuran	5.001	42	60710	101.509	ug/l	99
30) Chloroform	5.086	83	45617	20.818	ug/l	95
31) Cyclohexane	5.464	56	36967	19.636	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37694	20.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29168	20.666	ug/l	97
37) Ethyl Acetate	4.715	43	35265	19.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	32304	21.177	ug/l	96
39) Methylcyclohexane	7.373	83	36184	20.914	ug/l	97
40) Benzene	6.031	78	88084	20.434	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.916	41	19925	21.231 ug/l		98
42) 1,2-Dichloroethane	6.080	62	38327	21.527 ug/l		98
43) Isopropyl Acetate	6.336	43	56680	21.025 ug/l		99
44) Trichloroethene	7.117	130	20859	20.359 ug/l		98
45) 1,2-Dichloropropane	7.421	63	22357	20.787 ug/l		97
46) Dibromomethane	7.580	93	17307	20.962 ug/l		99
47) Bromodichloromethane	7.818	83	34699	21.045 ug/l		97
48) Methyl methacrylate	7.690	41	29460	21.165 ug/l		99
49) 1,4-Dioxane	7.659	88	12023	477.420 ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	193392	108.215 ug/l		99
52) Toluene	8.714	92	53050	20.338 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	28240	19.284 ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	33764	21.791 ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	21842	21.014 ug/l		97
56) Ethyl methacrylate	9.116	69	34262	21.299 ug/l		99
57) 1,3-Dichloropropane	9.305	76	38282	21.151 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	86030	105.722 ug/l		99
59) 2-Hexanone	9.427	43	144024	108.828 ug/l		100
60) Dibromochloromethane	9.519	129	23898	21.090 ug/l		100
61) 1,2-Dibromoethane	9.604	107	22040	20.947 ug/l		100
64) Tetrachloroethene	9.269	164	20103	22.004 ug/l		98
65) Chlorobenzene	10.073	112	57784	20.898 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20170	21.011 ug/l		99
67) Ethyl Benzene	10.189	91	103577	20.915 ug/l		97
68) m/p-Xylenes	10.299	106	76264	42.342 ug/l		99
69) o-Xylene	10.640	106	36814	20.748 ug/l		97
70) Styrene	10.653	104	62023	21.179 ug/l		99
71) Bromoform	10.799	173	14473	20.192 ug/l	#	96
73) Isopropylbenzene	10.957	105	100080	20.667 ug/l		100
74) N-amyl acetate	10.842	43	48343	20.869 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34910	20.522 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30554m	20.719 ug/l		
77) Bromobenzene	11.195	156	22419	20.037 ug/l		99
78) n-propylbenzene	11.299	91	114673	20.559 ug/l		100
79) 2-Chlorotoluene	11.360	91	72313	20.279 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	84415	21.081 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8233	18.948 ug/l		91
82) 4-Chlorotoluene	11.451	91	81662	20.540 ug/l		99
83) tert-Butylbenzene	11.713	119	81324	20.513 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	84218	20.954 ug/l		98
85) sec-Butylbenzene	11.890	105	102552	21.061 ug/l		99
86) p-Isopropyltoluene	12.006	119	83431	20.783 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41742	20.495 ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	41769	20.229 ug/l		97
89) n-Butylbenzene	12.329	91	72507	20.828 ug/l		99
90) Hexachloroethane	12.536	117	13954	20.226 ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	42899	21.185 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7403	20.808 ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	23347	20.713 ug/l		98
94) Hexachlorobutadiene	13.725	225	10328	21.264 ug/l		99
95) Naphthalene	13.774	128	85609	20.410 ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23965	20.305 ug/l		99

Sample Results: **VX045668.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

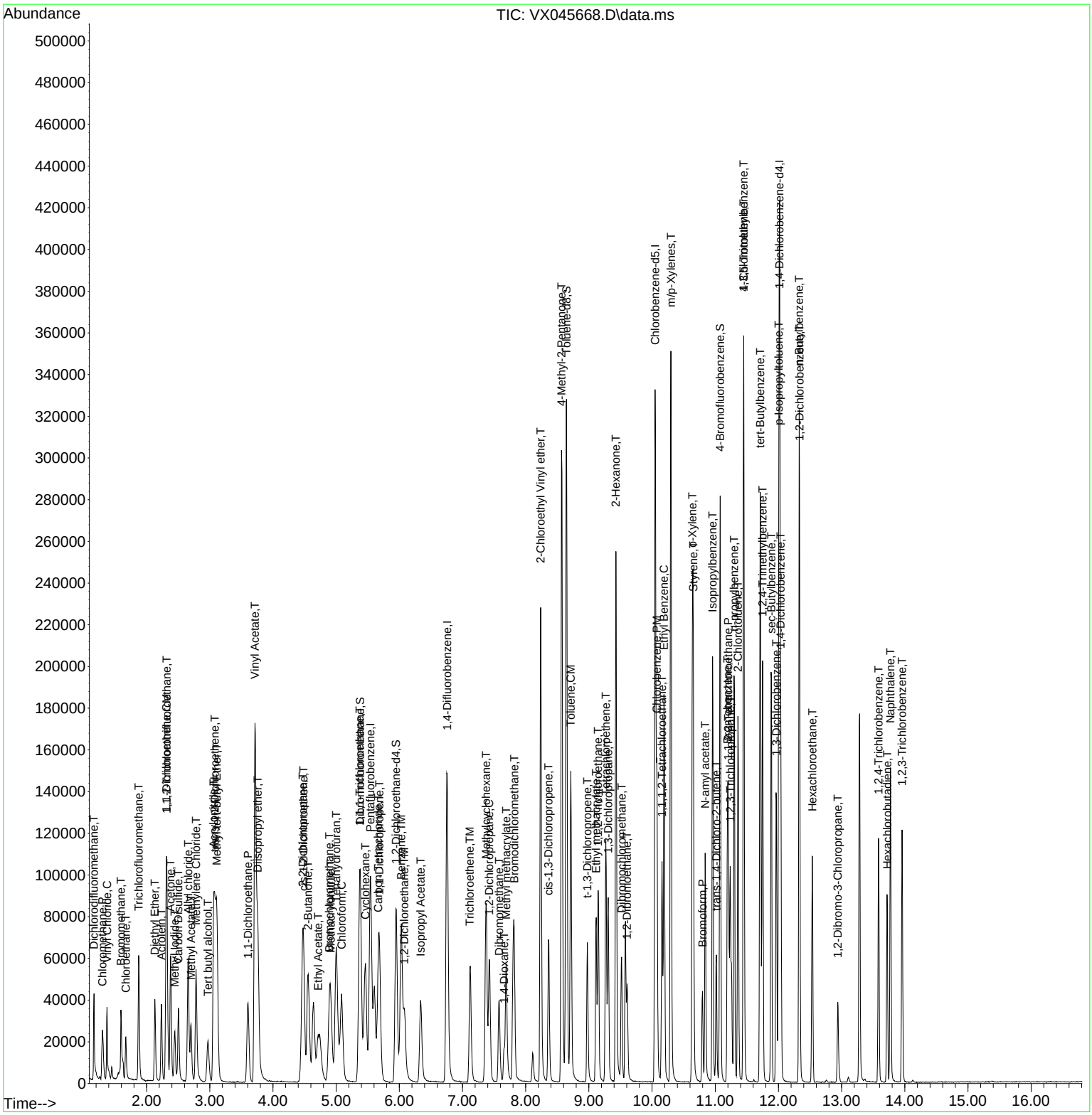
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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

Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx040925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045664.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:23 AM	MMDadoda	4/10/2025 10:14:42 AM	Peak Integrated by Software
VX0409WBS01	VX045667.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:27 AM	MMDadoda	4/10/2025 10:14:37 AM	Peak Integrated by Software
VX0409WBSD01	VX045668.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:33 AM	MMDadoda	4/10/2025 10:14:34 AM	Peak Integrated by Software
VSTDCCC050	VX045684.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:38 AM	MMDadoda	4/10/2025 10:14:29 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX041025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045686.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:55:01 AM	MMDadoda	4/11/2025 1:59:27 PM	Peak Integrated by Software
VSTDCCC050	VX045710.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:10 AM	MMDadoda	4/11/2025 1:59:33 PM	Peak Integrated by Software
VSTDCCC050	VX045712.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:15 AM	MMDadoda	4/11/2025 1:59:35 PM	Peak Integrated by Software
VX0410WBS02	VX045715.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:19 AM	MMDadoda	4/11/2025 1:59:36 PM	Peak Integrated by Software
VSTDCCC050	VX045728.D	1,2,3-Trichloropropane	JOHN	4/11/2025 11:53:21 AM	MMDadoda	4/11/2025 1:59:43 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045663.D	09 Apr 2025 09:38	JC/MD	Ok
2	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	JC/MD	Ok,M
3	VX0409MBL01	VX045665.D	09 Apr 2025 11:03	JC/MD	Ok
4	VX0409WBL01	VX045666.D	09 Apr 2025 11:26	JC/MD	Ok
5	VX0409WBS01	VX045667.D	09 Apr 2025 11:49	JC/MD	Ok,M
6	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14	JC/MD	Ok,M
7	Q1739-01	VX045669.D	09 Apr 2025 12:38	JC/MD	Ok
8	Q1739-02	VX045670.D	09 Apr 2025 13:01	JC/MD	Ok
9	PB167487TB	VX045671.D	09 Apr 2025 13:24	JC/MD	Ok
10	IBLK	VX045672.D	09 Apr 2025 13:47	JC/MD	Ok
11	Q1729-01	VX045673.D	09 Apr 2025 14:10	JC/MD	Ok
12	Q1729-02	VX045674.D	09 Apr 2025 14:33	JC/MD	Ok
13	Q1729-03	VX045675.D	09 Apr 2025 14:57	JC/MD	Ok
14	Q1729-04	VX045676.D	09 Apr 2025 15:20	JC/MD	Ok
15	PB167492TB	VX045677.D	09 Apr 2025 15:43	JC/MD	Ok
16	Q1746-02	VX045678.D	09 Apr 2025 16:06	JC/MD	Ok
17	Q1746-04	VX045679.D	09 Apr 2025 16:29	JC/MD	Ok
18	IBLK	VX045680.D	09 Apr 2025 16:52	JC/MD	Ok
19	Q1762-01	VX045681.D	09 Apr 2025 17:16	JC/MD	Dilution
20	Q1762-02	VX045682.D	09 Apr 2025 17:39	JC/MD	Ok
21	IBLK	VX045683.D	09 Apr 2025 18:02	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX045684.D	09 Apr 2025 18:25	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045685.D	10 Apr 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	JC/MD	Ok,M
3	VX0410MBL01	VX045687.D	10 Apr 2025 09:19	JC/MD	Ok
4	VX0410WBL01	VX045688.D	10 Apr 2025 09:42	JC/MD	Ok
5	VX0410WBS01	VX045689.D	10 Apr 2025 11:31	JC/MD	Ok,M
6	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54	JC/MD	Ok,M
7	Q1748-04	VX045691.D	10 Apr 2025 12:17	JC/MD	Ok
8	Q1748-08	VX045692.D	10 Apr 2025 12:40	JC/MD	Ok
9	Q1754-02	VX045693.D	10 Apr 2025 13:03	JC/MD	Ok
10	Q1754-04	VX045694.D	10 Apr 2025 13:27	JC/MD	Ok
11	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50	JC/MD	Ok
12	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13	JC/MD	Ok
13	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36	JC/MD	Ok
14	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00	JC/MD	Ok
15	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23	JC/MD	Ok
16	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46	JC/MD	Ok
17	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09	JC/MD	Ok
18	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32	JC/MD	Ok
19	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56	JC/MD	Ok
20	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19	JC/MD	Ok
21	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05	JC/MD	Ok
23	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28	JC/MD	Ok
24	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51	JC/MD	Ok
25	Q1749-04	VX045709.D	10 Apr 2025 19:15	JC/MD	Ok
26	VSTDCCC050	VX045710.D	10 Apr 2025 19:38	JC/MD	Ok,M
27	BFB	VX045711.D	11 Apr 2025 02:10	JC/MD	Ok
28	VSTDCCC050	VX045712.D	11 Apr 2025 02:49	JC/MD	Ok,M
29	VX0410MBL02	VX045713.D	11 Apr 2025 03:36	JC/MD	Ok
30	VX0410WBL02	VX045714.D	11 Apr 2025 03:59	JC/MD	Ok
31	VX0410WBS02	VX045715.D	11 Apr 2025 04:22	JC/MD	Ok,M
32	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09	JC/MD	Ok,M
33	Q1762-01DL	VX045717.D	11 Apr 2025 05:32	JC/MD	Ok
34	PB167534TB	VX045718.D	11 Apr 2025 05:55	JC/MD	Ok
35	Q1753-04	VX045719.D	11 Apr 2025 06:19	JC/MD	Ok
36	Q1753-08	VX045720.D	11 Apr 2025 06:42	JC/MD	Ok
37	Q1752-06	VX045721.D	11 Apr 2025 07:05	JC/MD	Ok
38	Q1752-08	VX045722.D	11 Apr 2025 07:28	JC/MD	Ok
39	Q1752-02	VX045723.D	11 Apr 2025 07:51	JC/MD	Ok
40	Q1752-04	VX045724.D	11 Apr 2025 08:15	JC/MD	Ok
41	Q1756-04	VX045725.D	11 Apr 2025 08:37	JC/MD	Ok
42	Q1760-04	VX045726.D	11 Apr 2025 09:00	JC/MD	Ok
43	Q1760-08	VX045727.D	11 Apr 2025 09:22	JC/MD	Ok,M
44	VSTDCCC050	VX045728.D	11 Apr 2025 09:45	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER-	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER-	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045663.D	09 Apr 2025 09:38		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	pH#Lot#V12668	JC/MD	Ok,M
3	VX0409MBL01	VX0409MBL01	VX045665.D	09 Apr 2025 11:03		JC/MD	Ok
4	VX0409WBL01	VX0409WBL01	VX045666.D	09 Apr 2025 11:26		JC/MD	Ok
5	VX0409WBS01	VX0409WBS01	VX045667.D	09 Apr 2025 11:49		JC/MD	Ok,M
6	VX0409WBSD01	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14		JC/MD	Ok,M
7	Q1739-01	WC-LIQUID-20250404	VX045669.D	09 Apr 2025 12:38	vial A pH<2 oily sample	JC/MD	Ok
8	Q1739-02	WC-LIQUID-20250404	VX045670.D	09 Apr 2025 13:01	vial A pH<2 oily sample	JC/MD	Ok
9	PB167487TB	PB167487TB	VX045671.D	09 Apr 2025 13:24		JC/MD	Ok
10	IBLK	IBLK	VX045672.D	09 Apr 2025 13:47		JC/MD	Ok
11	Q1729-01	Storage-Blank-SOIL-RE	VX045673.D	09 Apr 2025 14:10	vial A pH<2	JC/MD	Ok
12	Q1729-02	Storage-Blank-WATER-	VX045674.D	09 Apr 2025 14:33	vial A pH<2	JC/MD	Ok
13	Q1729-03	Storage-Blank-WATER-	VX045675.D	09 Apr 2025 14:57	vial A pH<2	JC/MD	Ok
14	Q1729-04	Storage-Blank-SAMPLE	VX045676.D	09 Apr 2025 15:20	vial A pH<2	JC/MD	Ok
15	PB167492TB	PB167492TB	VX045677.D	09 Apr 2025 15:43		JC/MD	Ok
16	Q1746-02	B-149-SB01	VX045678.D	09 Apr 2025 16:06	vial A pH#5.0	JC/MD	Ok
17	Q1746-04	B-149-SB02	VX045679.D	09 Apr 2025 16:29	vial A pH#5.0	JC/MD	Ok
18	IBLK	IBLK	VX045680.D	09 Apr 2025 16:52		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1762-01	MW4	VX045681.D	09 Apr 2025 17:16	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q1762-02	MW5	VX045682.D	09 Apr 2025 17:39	vial A pH<2	JC/MD	Ok
21	IBLK	IBLK	VX045683.D	09 Apr 2025 18:02		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX045684.D	09 Apr 2025 18:25		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045685.D	10 Apr 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX0410MBL01	VX0410MBL01	VX045687.D	10 Apr 2025 09:19		JC/MD	Ok
4	VX0410WBL01	VX0410WBL01	VX045688.D	10 Apr 2025 09:42		JC/MD	Ok
5	VX0410WBS01	VX0410WBS01	VX045689.D	10 Apr 2025 11:31		JC/MD	Ok,M
6	VX0410WBSD01	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54		JC/MD	Ok,M
7	Q1748-04	IB-1.5-WC	VX045691.D	10 Apr 2025 12:17	vial A pH#5.0	JC/MD	Ok
8	Q1748-08	IB-2A-WC	VX045692.D	10 Apr 2025 12:40	vial A pH#5.0	JC/MD	Ok
9	Q1754-02	TP-1	VX045693.D	10 Apr 2025 13:03	vial A pH#5.0	JC/MD	Ok
10	Q1754-04	TP-1-CONCRETE	VX045694.D	10 Apr 2025 13:27	vial A pH#5.0	JC/MD	Ok
11	PB167534ZHE#01	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50		JC/MD	Ok
12	PB167534ZHE#02	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13		JC/MD	Ok
13	PB167534ZHE#03	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36		JC/MD	Ok
14	PB167534ZHE#04	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00		JC/MD	Ok
15	PB167534ZHE#05	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23		JC/MD	Ok
16	PB167534ZHE#06	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46		JC/MD	Ok
17	PB167534ZHE#07	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09		JC/MD	Ok
18	PB167534ZHE#08	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB167534ZHE#09	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56		JC/MD	Ok
20	PB167534ZHE#10	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19		JC/MD	Ok
21	PB167534ZHE#11	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42		JC/MD	Ok
22	PB167534ZHE#12	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05		JC/MD	Ok
23	PB167534ZHE#13	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28		JC/MD	Ok
24	PB167534ZHE#14	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51		JC/MD	Ok
25	Q1749-04	TP-14	VX045709.D	10 Apr 2025 19:15	vial A pH#5.0	JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX045710.D	10 Apr 2025 19:38		JC/MD	Ok,M
27	BFB	BFB	VX045711.D	11 Apr 2025 02:10		JC/MD	Ok
28	VSTDCCC050	VSTDCCC050	VX045712.D	11 Apr 2025 02:49		JC/MD	Ok,M
29	VX0410MBL02	VX0410MBL02	VX045713.D	11 Apr 2025 03:36		JC/MD	Ok
30	VX0410WBL02	VX0410WBL02	VX045714.D	11 Apr 2025 03:59		JC/MD	Ok
31	VX0410WBS02	VX0410WBS02	VX045715.D	11 Apr 2025 04:22		JC/MD	Ok,M
32	VX0410WBSD02	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09		JC/MD	Ok,M
33	Q1762-01DL	MW4DL	VX045717.D	11 Apr 2025 05:32	vial B pH<2	JC/MD	Ok
34	PB167534TB	PB167534TB	VX045718.D	11 Apr 2025 05:55		JC/MD	Ok
35	Q1753-04	WC-1	VX045719.D	11 Apr 2025 06:19	vial A pH#5.0	JC/MD	Ok
36	Q1753-08	WC-2	VX045720.D	11 Apr 2025 06:42	vial A pH#5.0	JC/MD	Ok
37	Q1752-06	TP-4	VX045721.D	11 Apr 2025 07:05	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q1752-08	TP-3	VX045722.D	11 Apr 2025 07:28	vial A pH#5.0	JC/MD	Ok
39	Q1752-02	TP-1	VX045723.D	11 Apr 2025 07:51	vial A pH#5.0	JC/MD	Ok
40	Q1752-04	TP-2	VX045724.D	11 Apr 2025 08:15	vial A pH#5.0	JC/MD	Ok
41	Q1756-04	TP-9	VX045725.D	11 Apr 2025 08:37	vial A pH#5.0	JC/MD	Ok
42	Q1760-04	TP-17	VX045726.D	11 Apr 2025 09:00	vial A pH#5.0	JC/MD	Ok
43	Q1760-08	TP-15	VX045727.D	11 Apr 2025 09:22	vial A pH#5.0	JC/MD	Ok,M
44	VSTDCCC050	VSTDCCC050EC	VX045728.D	11 Apr 2025 09:45		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q1762
COC Number 2045863

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GEC INC
ADDRESS: 8 CARRIAGE
CITY: SUCCASUNNA STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ANN
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GEC INC PO#:
ADDRESS: 8 CARRIAGE
CITY STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ NYSASP A
- ☐ NYS ASP B
- ☐ Other
- X EDD FORMAT haz Site Mobile

ANALYSIS

1: TCL VOA + TICs
2: TCL BNA + TICs
3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW4	GW		X	4/9/25	1310	2	X									
2.	MW5	GW		X	4/9/25	1415	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME	RECEIVED BY:
1.	4/9/25 1345	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: If Cont 1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1762 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 4/9/2025 2:47:49 PM
Project Name : ANN
Receive DateTime : 4/9/2025 1:45:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1762-01	MW4	Water	04/09/2025	13:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1762-02	MW5	Water	04/09/2025	12:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days

YG 04/15/2025

Relinguished By :
Date / Time : 4-9-25 1525

Received By :
Date / Time : 4/9/25 1525

Storage Area : **VOA Refridgerator Room**