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Cover Page

Order ID : Q1036

Project ID : E9306 - Northpoint - 4101 Arthur Kill Rd

Client : ENTACT

Lab Sample Number	Client Sample Number
Q1036-01	NP-WS-002
Q1036-02	NP-WS-002

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: 1/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: **Q1036**

	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: **KETAN PATEL** **Date:** **01/10/2025**

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LAB CHRONICLE

OrderID:	Q1036	**OrderDate:**	1/8/2025 1:06:00 PM
Client:	ENTACT	**Project:**	E9306 - Northpoint - 4101 Arthur Kill Rd
Contact:	Wyatt Seel	**Location:**	N51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1036-01	**NP-WS-002**	**Water**			**01/08/25**			**01/08/25**
			VOC-TCLVOA-10	8260D			01/08/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1036

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**NP-WS-002**								
Q1036-01	NP-WS-002	Water	Acetone		6.30	J	1.40	25.0	ug/L
Q1036-01	NP-WS-002	Water	Methyl tert-butyl Ether		1.00	J	0.16	5.00	ug/L
Q1036-01	NP-WS-002	Water	Cyclohexane		2.70	J	1.60	5.00	ug/L
Q1036-01	NP-WS-002	Water	Methylcyclohexane		1.10	J	0.19	5.00	ug/L
Q1036-01	NP-WS-002	Water	Benzene		0.52	J	0.16	5.00	ug/L
Q1036-01	NP-WS-002	Water	4-Methyl-2-Pentanone		0.98	J	0.75	25.0	ug/L
Q1036-01	NP-WS-002	Water	Toluene		0.27	J	0.18	5.00	ug/L
Q1036-01	NP-WS-002	Water	o-Xylene		0.63	J	0.14	5.00	ug/L
			Total Voc :		13.5				
Q1036-01	NP-WS-002	Water	Benzene, 1,2-diethyl-	*	18.1	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Benzene, 1,2,3,4-tetramethyl-	*	50.8	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Indane	*	65.6	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	o-Cymene	*	55.1	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Benzene, (2-methyl-1-propenyl	*	49.6	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Benzene, 1-ethenyl-4-ethyl-	*	120	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Benzene, (3-methyl-2-butenyl)-	*	26.1	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	1H-Indene, 2,3-dihydro-4,7-din	*	24.3	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	1H-Indene, 2,3-dihydro-1,2-din	*	16.1	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	1H-Indene, 2,3-dihydro-1,6-din	*	11.0	J	0	0	ug/L
Q1036-01	NP-WS-002	Water	Tert butyl alcohol	*	200	J	5.60	25.0	ug/L
Q1036-01	NP-WS-002	Water	1,3,5-Trimethylbenzene	*	2.50	J	0.18	5.00	ug/L
Q1036-01	NP-WS-002	Water	1,2,4-Trimethylbenzene	*	0.24	J	0.18	5.00	ug/L
Q1036-01	NP-WS-002	Water	Naphthalene	*	0.75	J	0.59	5.00	ug/L
Q1036-01	NP-WS-002	Water	Diisopropyl ether	*	0.39	J	0.16	5.00	ug/L
			Total Tics :		641				
			Total Concentration:		654				

QC SUMMARY

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Surrogate Summary

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1036-01	NP-WS-002	1,2-Dichloroethane-d4	50	49.5	99	70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)

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Surrogate Summary

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0108WBL01	VX0108WBL01	1,2-Dichloroethane-d4	50	51.4	103	70 (74)	130 (125)
		Dibromofluoromethane	50	48.1	96	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.7	109	70 (77)	130 (121)
VX0108WBS01	VX0108WBS01	1,2-Dichloroethane-d4	50	50.9	102	70 (74)	130 (125)
		Dibromofluoromethane	50	46.4	93	70 (75)	130 (124)
		Toluene-d8	50	48.8	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.5	97	70 (77)	130 (121)
VX0108WBSD0	VX0108WBSD01	1,2-Dichloroethane-d4	50	53.0	106	70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.5	99	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VX044618.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0108WBS01	Dichlorodifluoromethane	20	21.1	ug/L	106			40 (69)	160 (116)	
	Chloromethane	20	19.8	ug/L	99			40 (65)	160 (116)	
	Vinyl chloride	20	20.3	ug/L	102			70 (65)	130 (117)	
	Bromomethane	20	19.9	ug/L	100			40 (58)	160 (125)	
	Chloroethane	20	20.5	ug/L	103			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.6	ug/L	103			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.5	ug/L	93			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	18.0	ug/L	90			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.0	ug/L	100			70 (78)	130 (114)	
	Methyl Acetate	20	21.0	ug/L	105			70 (67)	130 (125)	
	Methylene Chloride	20	18.8	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.1	ug/L	96			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.4	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	19.4	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.0	ug/L	95			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	20.1	ug/L	101			70 (70)	130 (124)	
	Chloroform	20	19.5	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Methylcyclohexane	20	19.0	ug/L	95			70 (72)	130 (115)	
	Benzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	17.9	ug/L	90			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.3	ug/L	97			70 (83)	130 (111)	
	Bromodichloromethane	20	19.5	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.0	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.4	ug/L	102			70 (81)	130 (110)	
	Tetrachloroethene	20	19.0	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	41.0	ug/L	103			70 (82)	130 (110)	
	o-Xylene	20	19.2	ug/L	96			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.2	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	20.5	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VX044618.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0108WBS01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.8	ug/L	94			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VX044626.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0108WBSD01	Dichlorodifluoromethane	20	18.6	ug/L	93	13		40 (69)	160 (116)	20 (20)
	Chloromethane	20	18.8	ug/L	94	5		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	18.1	ug/L	91	11		70 (65)	130 (117)	20 (20)
	Bromomethane	20	17.8	ug/L	89	12		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.8	ug/L	89	15		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.7	ug/L	89	15		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89	12		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	17.3	ug/L	86	8		70 (74)	130 (110)	20 (20)
	Acetone	100	97.4	ug/L	97	13		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.8	ug/L	79	13		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.9	ug/L	100	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.1	ug/L	91	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.3	ug/L	86	11		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	18.7	ug/L	94	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.8	ug/L	89	9		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	10		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	17.1	ug/L	86	10		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	5		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.7	ug/L	99	2		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.4	ug/L	92	6		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.6	ug/L	93	7		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.1	ug/L	86	10		70 (72)	130 (115)	20 (20)
	Benzene	20	17.8	ug/L	89	7		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.1	ug/L	96	7		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.0	ug/L	85	6		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	18.5	ug/L	93	4		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	17.7	ug/L	89	10		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	10		40 (74)	160 (118)	20 (20)
	Toluene	20	17.8	ug/L	89	10		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	17.5	ug/L	88	13		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	17.8	ug/L	89	9		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	17.5	ug/L	88	13		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	17.3	ug/L	86	16		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	18.3	ug/L	92	10		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	17.4	ug/L	87	9		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	18.1	ug/L	91	6		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	18.3	ug/L	92	7		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	37.3	ug/L	93	10		70 (82)	130 (110)	20 (20)
	o-Xylene	20	17.9	ug/L	90	6		70 (83)	130 (109)	20 (20)
	Styrene	20	18.2	ug/L	91	8		70 (80)	130 (111)	20 (20)
	Bromoform	20	16.8	ug/L	84	13		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	16.2	ug/L	81	24	*	70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92	9		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	16.5	ug/L	83	17		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.3	ug/L	86	10		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	17.7	ug/L	89	11		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VX044626.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0108WBSD01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	13		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	15.9	ug/L	79	17		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	17.1	ug/L	86	13		70 (76)	130 (114)	20 (20)

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0108WBL01

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab File ID: VX044617.D Lab Sample ID: VX0108WBL01

Date Analyzed: 01/08/2025 Time Analyzed: 10:54

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
VX0108WBS01	VX0108WBS01	VX044618.D	01/08/2025
VX0108WBSD01	VX0108WBSD01	VX044626.D	01/08/2025
NP-WS-002	Q1036-01	VX044630.D	01/08/2025

COMMENTS:

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab File ID: VX044595.D BFB Injection Date: 01/07/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:14

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	53.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.5
175	5.0 - 9.0% of mass 174	5.7 (8) 1
176	95.0 - 101.0% of mass 174	70.2 (98.2) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX044596.D	01/07/2025	10:06
VSTDICC005	VSTDICC005	VX044597.D	01/07/2025	10:29
VSTDICC020	VSTDICC020	VX044598.D	01/07/2025	10:51
VSTDICCC050	VSTDICCC050	VX044599.D	01/07/2025	11:14
VSTDICC100	VSTDICC100	VX044600.D	01/07/2025	11:37
VSTDICC150	VSTDICC150	VX044601.D	01/07/2025	12:00

Raw Data: **VX044614.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab File ID: VX044614.D BFB Injection Date: 01/08/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:29

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	53.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	70.9
175	5.0 - 9.0% of mass 174	5.1 (7.3) 1
176	95.0 - 101.0% of mass 174	69.6 (98.2) 1
177	5.0 - 9.0% of mass 176	4 (5.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044615.D	01/08/2025	10:02
VX0108WBL01	VX0108WBL01	VX044617.D	01/08/2025	10:54
VX0108WBS01	VX0108WBS01	VX044618.D	01/08/2025	11:21
VX0108WBSD01	VX0108WBSD01	VX044626.D	01/08/2025	14:27
NP-WS-002	Q1036-01	VX044630.D	01/08/2025	15:59

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab File ID: VX044615.D Date Analyzed: 01/08/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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	185177	5.54	315703	6.75	269260	10.05
UPPER LIMIT	370354	6.044	631406	7.251	538520	10.549
LOWER LIMIT	92588.5	5.044	157852	6.251	134630	9.549
EPA SAMPLE NO.						
NP-WS-002	182227	5.54	334954	6.76	303097	10.05
VX0108WBL01	192485	5.54	347122	6.75	308423	10.05
VX0108WBS01	187172	5.54	325086	6.75	286466	10.05
VX0108WBSD01	190547	5.54	330921	6.76	284416	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: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab File ID: VX044615.D Date Analyzed: 01/08/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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

	IS4 AREA #	RT #				
12 HOUR STD	141072	12.018				
UPPER LIMIT	282144	12.518				
LOWER LIMIT	70536	11.518				
EPA SAMPLE NO.						
NP-WS-002	133853	12.02				
VX0108WBL01	150386	12.02				
VX0108WBS01	130106	12.02				
VX0108WBSD01	149061	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: **VX044630.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	01/08/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/08/25
Client Sample ID:	NP-WS-002	SDG No.:	Q1036
Lab Sample ID:	Q1036-01	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
VX044630.D	1		01/08/25 15:59	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	6.30	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	J	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	2.70	J	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	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	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	1.10	J	0.19	5.00	ug/L
71-43-2	Benzene	0.52	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.98	J	0.75	25.0	ug/L
108-88-3	Toluene	0.27	J	0.18	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	01/08/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/08/25
Client Sample ID:	NP-WS-002	SDG No.:	Q1036
Lab Sample ID:	Q1036-01	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
VX044630.D	1		01/08/25 15:59	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.63	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	5.544			
540-36-3	1,4-Difluorobenzene	335000	6.757			
3114-55-4	Chlorobenzene-d5	303000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	134000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX044630.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	01/08/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/08/25
Client Sample ID:	NP-WS-002	SDG No.:	Q1036
Lab Sample ID:	Q1036-01	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
VX044630.D	1		01/08/25 15:59	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
75-65-0	Tert butyl alcohol	200	J		2.98	ug/L
108-20-3	Diisopropyl ether	0.39	J		3.76	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.50	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.24	J		11.8	ug/L
000496-11-7	Indane	65.6	J		12.2	ug/L
000135-01-3	Benzene, 1,2-diethyl-	18.1	J		12.4	ug/L
000527-84-4	o-Cymene	55.1	J		12.6	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	49.6	J		12.7	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	50.8	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	120	J		13.3	ug/L
004489-84-3	Benzene, (3-methyl-2-butenyl)-	26.1	J		13.6	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	11.0	J		13.6	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	24.3	J		13.7	ug/L
91-20-3	Naphthalene	0.75	J		13.8	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	16.1	J		14.2	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\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Time: Jan 09 00:31:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

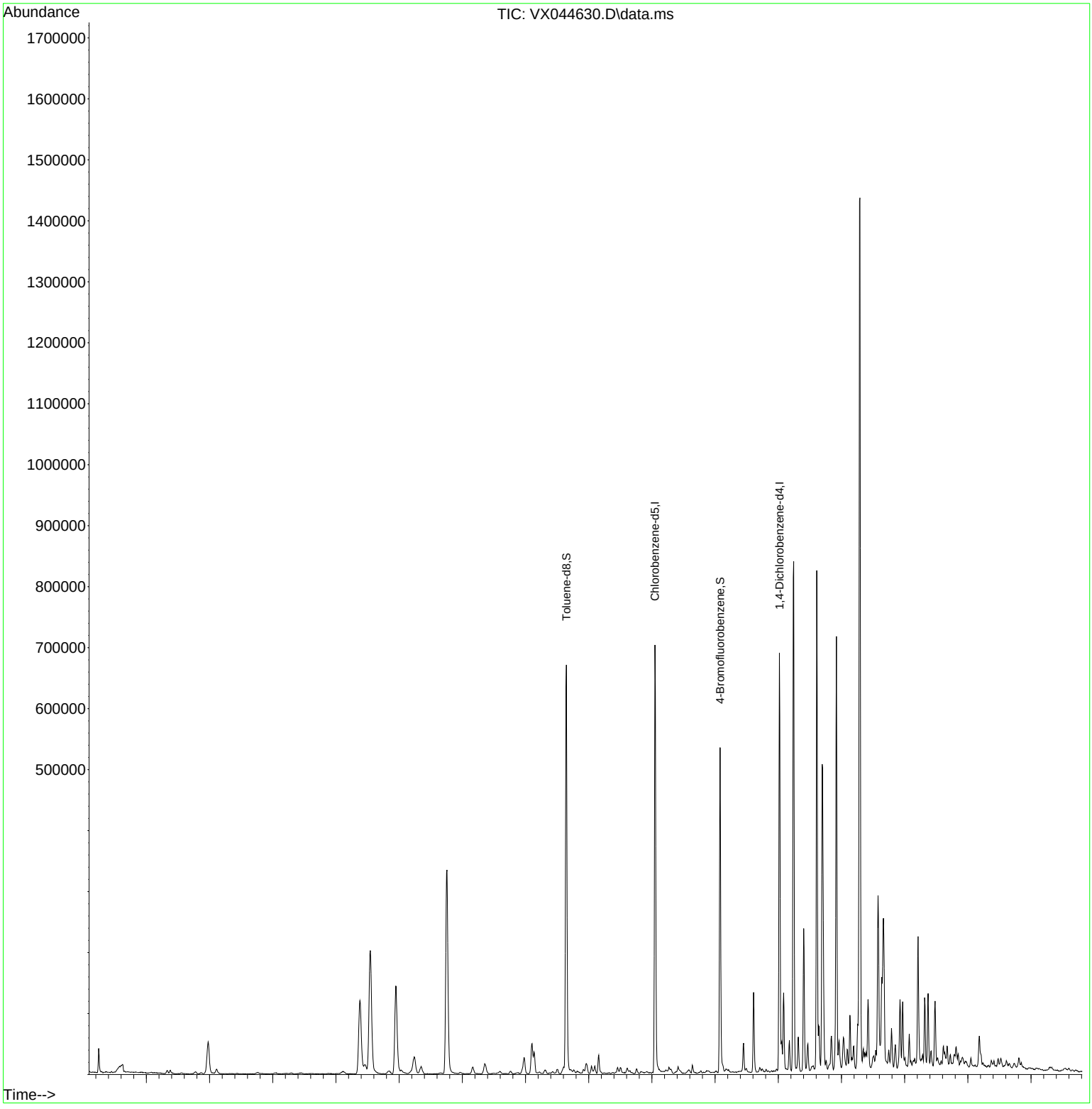
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	182227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	334954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	303097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	145560	49.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.080%			
35) Dibromofluoromethane	5.379	113	104442	45.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.940%			
50) Toluene-d8	8.647	98	394443	50.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.079	95	139847	50.502	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.000%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	780	0.297	ug/l	95
11) Tert butyl alcohol	2.977	59	72971	201.689	ug/l	99
16) Acetone	2.380	43	5826	6.291	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	7184	1.028	ug/l #	88
20) Methylene Chloride	2.782	84	506	0.214	ug/l #	65
22) Diisopropyl ether	3.757	45	2720	0.390	ug/l #	76
31) Cyclohexane	5.446	56	8923	2.676	ug/l #	75
39) Methylcyclohexane	7.373	83	4225	1.115	ug/l #	77
40) Benzene	6.038	78	4819	0.515	ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	2868	0.979	ug/l #	84
52) Toluene	8.714	92	1542	0.273	ug/l	93
68) m/p-Xylenes	10.299	106	856	0.211	ug/l	82
69) o-Xylene	10.640	106	2575	0.628	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	20721	2.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1979	0.240	ug/l	88
95) Naphthalene	13.780	128	6276	0.752	ug/l #	69

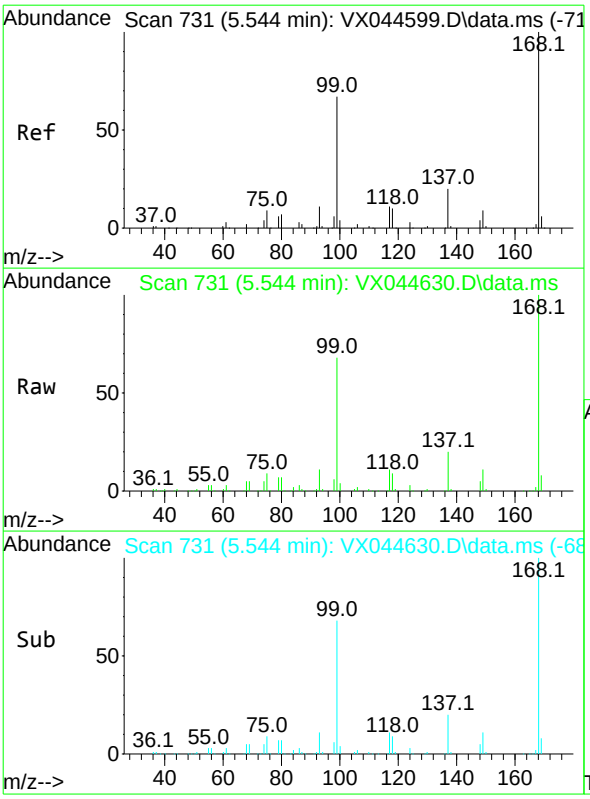
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Time: Jan 09 00:31:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



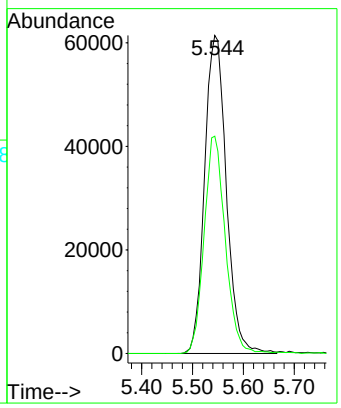


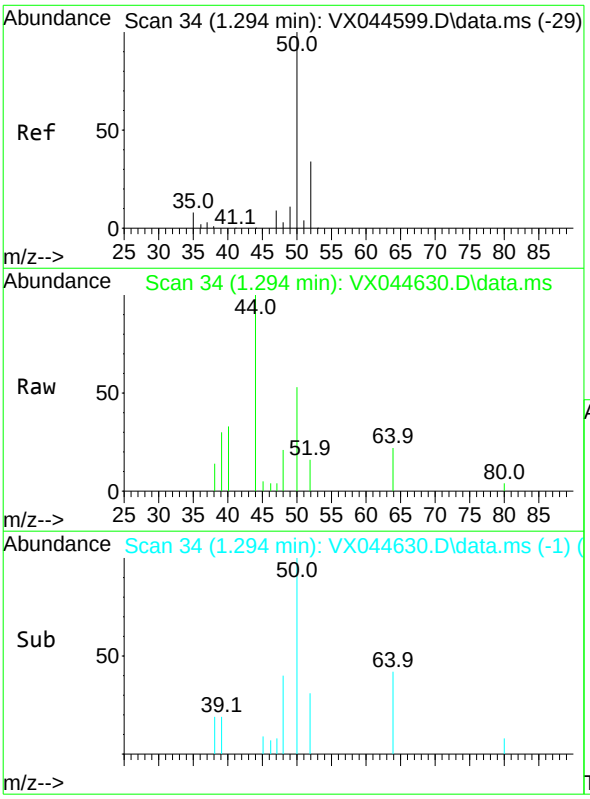
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion:168 Resp: 182227

Ion	Ratio	Lower	Upper
168	100		
99	68.3	53.5	80.3

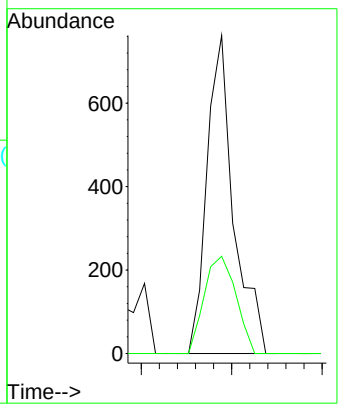


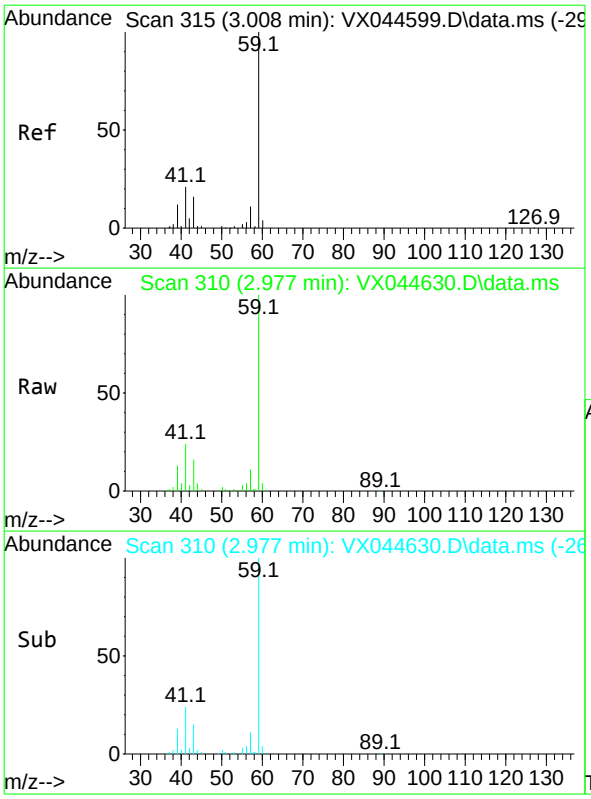


#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 50 Resp: 780

Ion	Ratio	Lower	Upper
50	100		
52	30.6	27.0	40.4



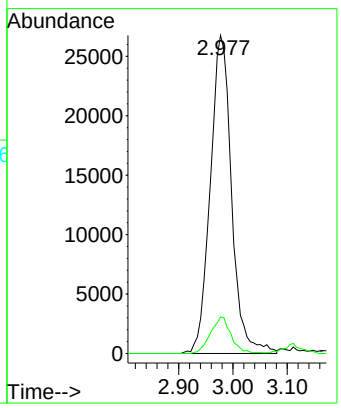


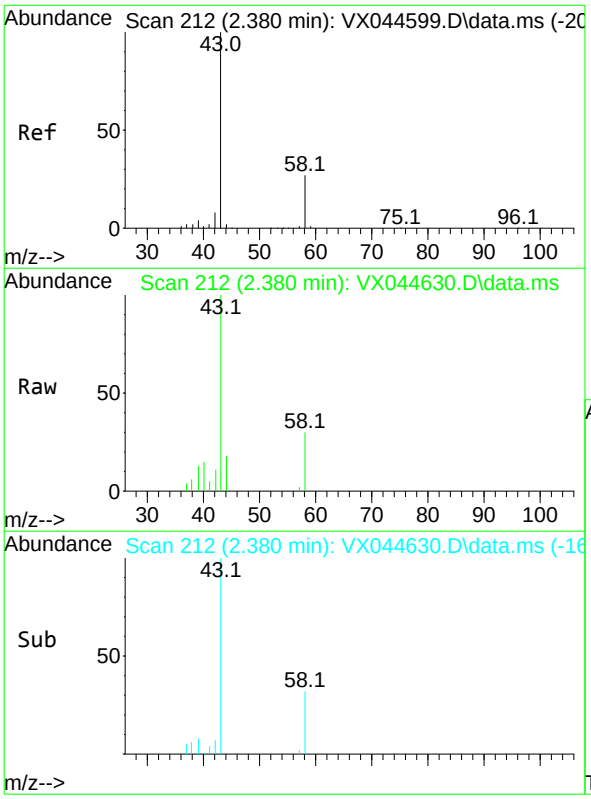
#11
Tert butyl alcohol
Concen: 201.689 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.031 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 59 Resp: 72971

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

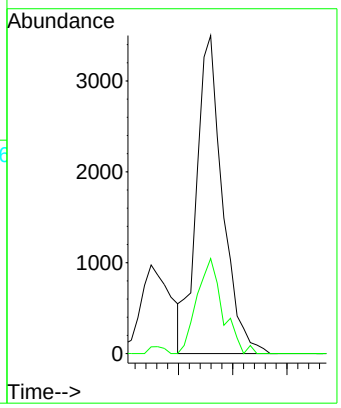


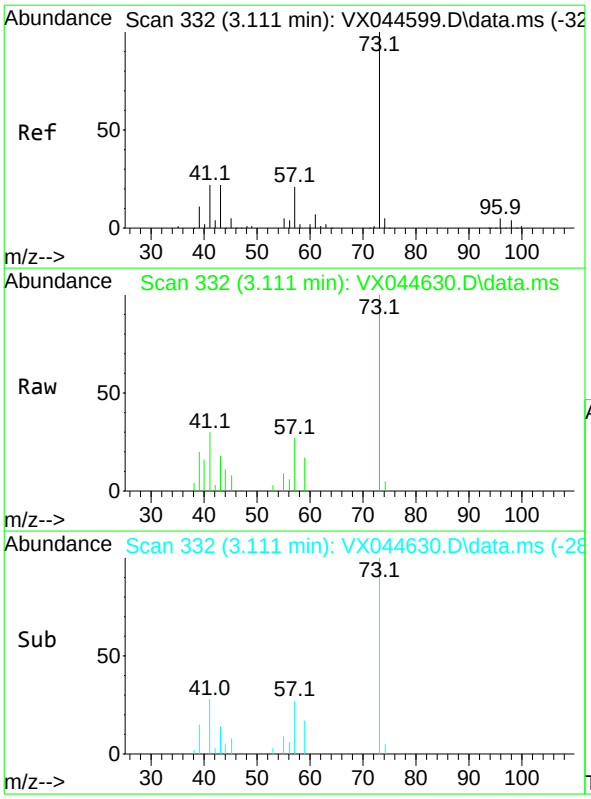


#16
Acetone
Concen: 6.291 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 43 Resp: 5826

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.0	33.0



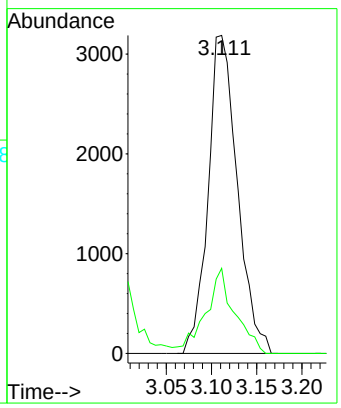


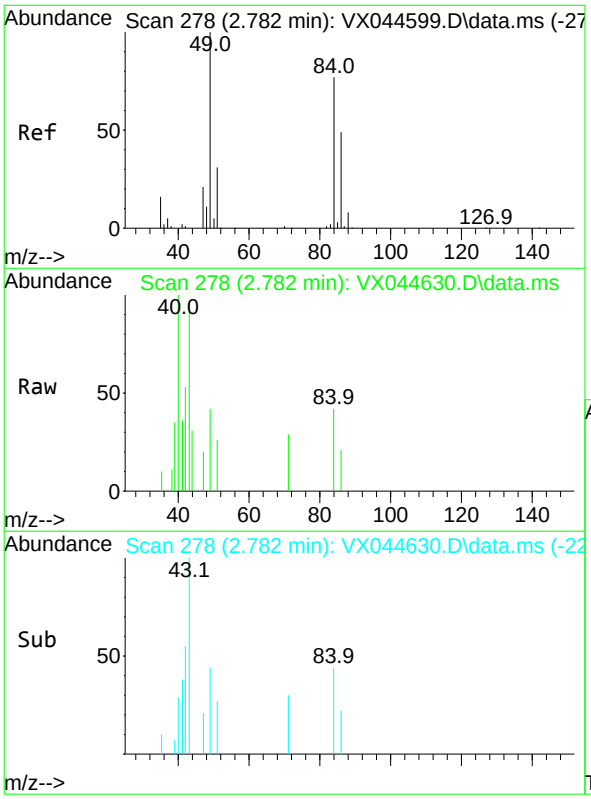
#19
Methyl tert-butyl Ether
Concen: 1.028 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 73 Resp: 7184

Ion	Ratio	Lower	Upper
73	100		
57	26.8	17.0	25.4#

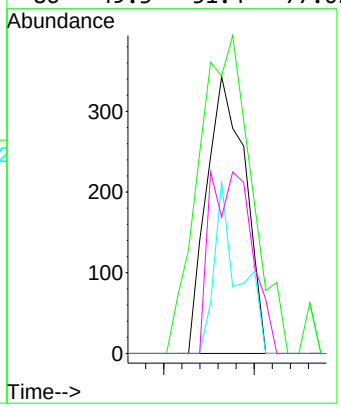


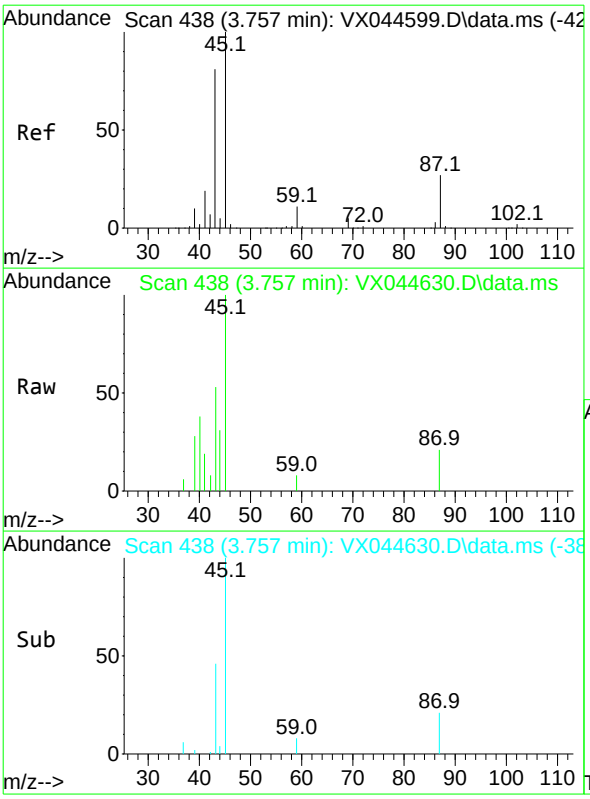


#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 84 Resp: 506

Ion	Ratio	Lower	Upper
84	100		
49	79.9	104.4	156.6#
51	62.1	32.0	48.0#
86	49.3	51.4	77.0#



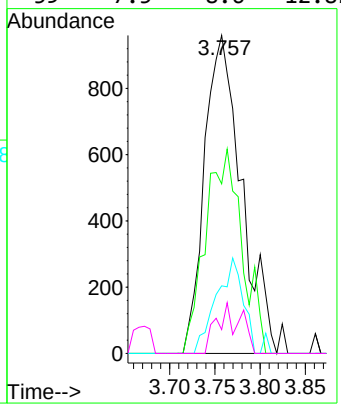


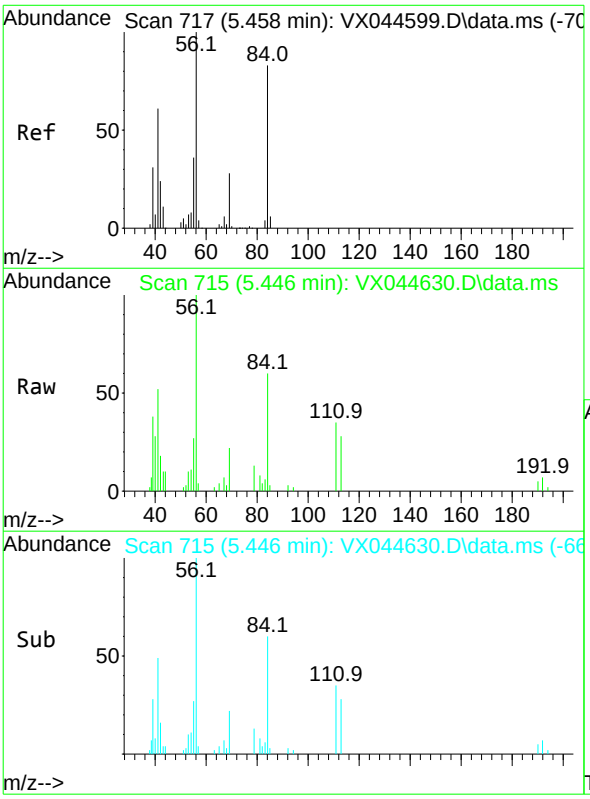
#22
Diisopropyl ether
Concen: 0.390 ug/l
RT: 3.757 min Scan# 43
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 45 Resp: 2720

Ion	Ratio	Lower	Upper
45	100		
43	53.3	64.6	97.0#
87	21.3	21.8	32.8#
59	7.5	8.6	12.8#

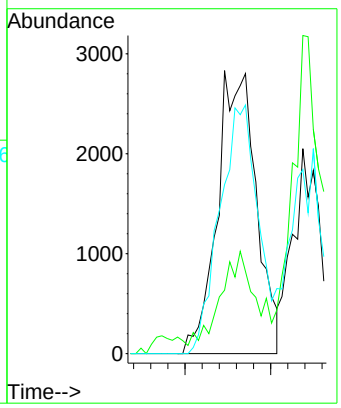


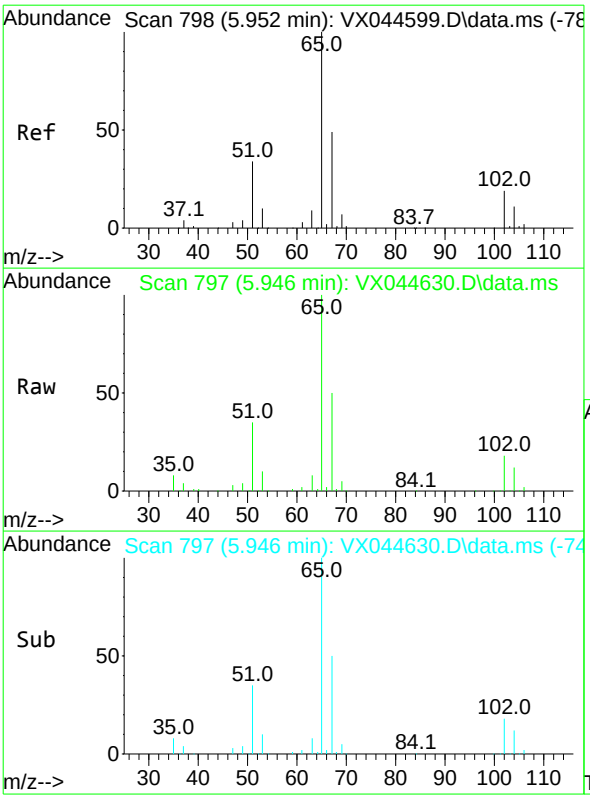


#31
Cyclohexane
Concen: 2.676 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.012 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 56 Resp: 8923

Ion	Ratio	Lower	Upper
56	100		
69	16.6	22.2	33.4#
84	59.7	66.6	100.0#



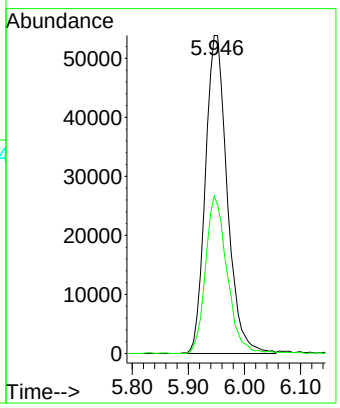


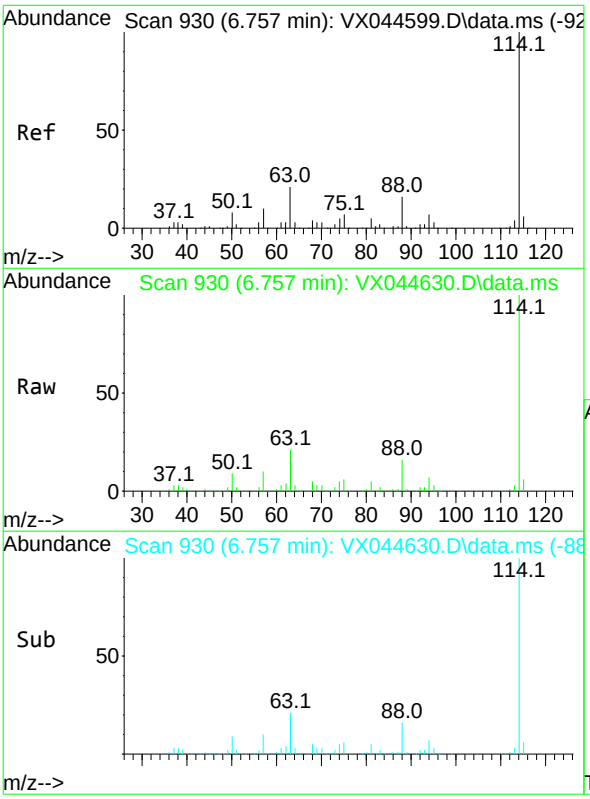
#33
1,2-Dichloroethane-d4
Concen: 49.541 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 65 Resp: 145560

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	99.0

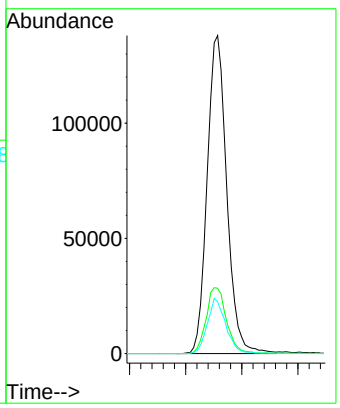


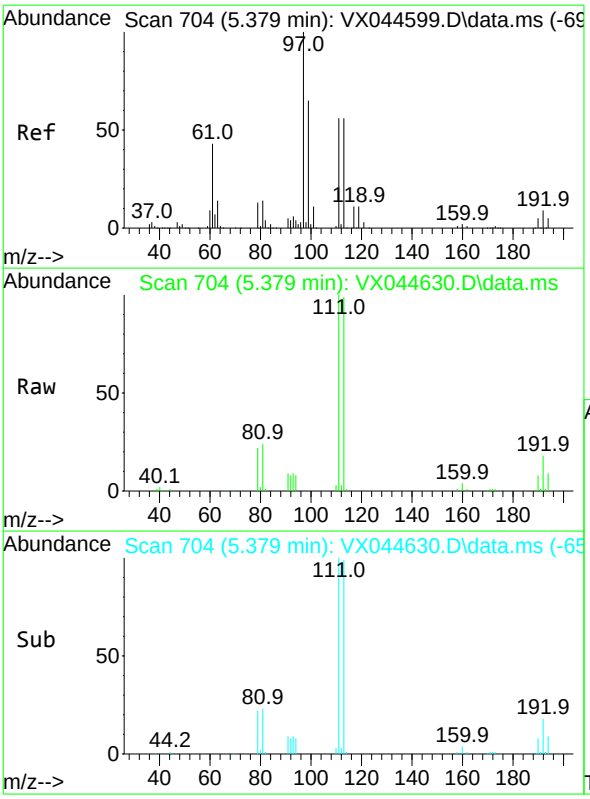


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:114 Resp: 334954

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	16.3	0.0	32.6



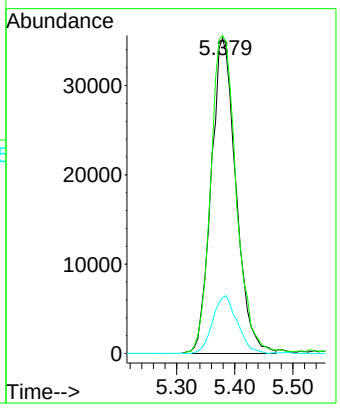


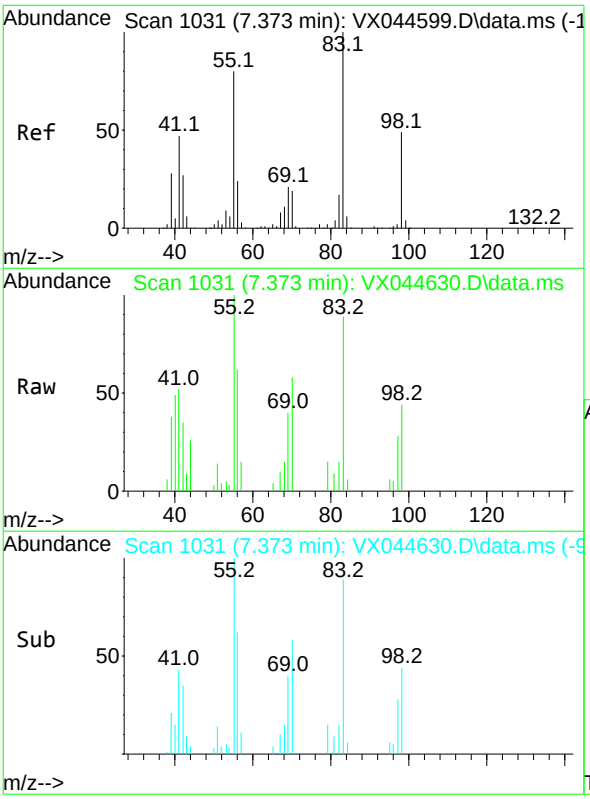
#35
Dibromofluoromethane
Concen: 45.472 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion:113 Resp: 104442

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.3	124.9
192	18.2	14.3	21.5

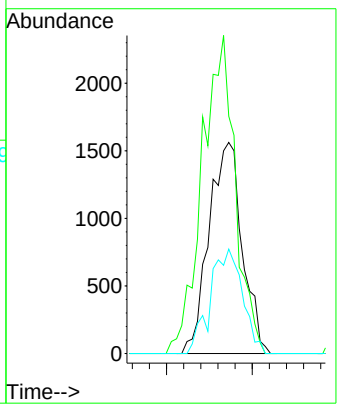


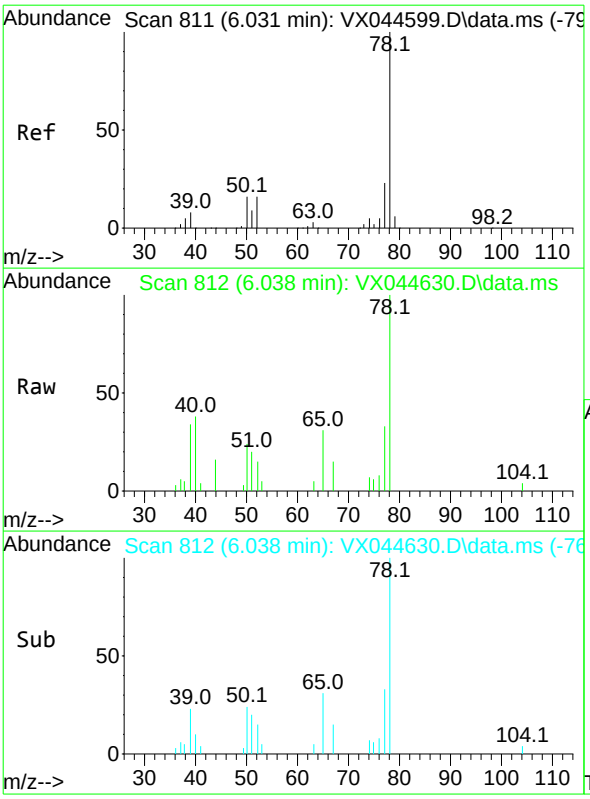


#39
Methylcyclohexane
Concen: 1.115 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 83 Resp: 4225

Ion	Ratio	Lower	Upper
83	100		
55	112.4	64.1	96.1#
98	49.5	38.9	58.3



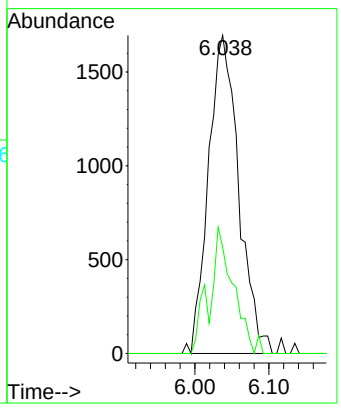


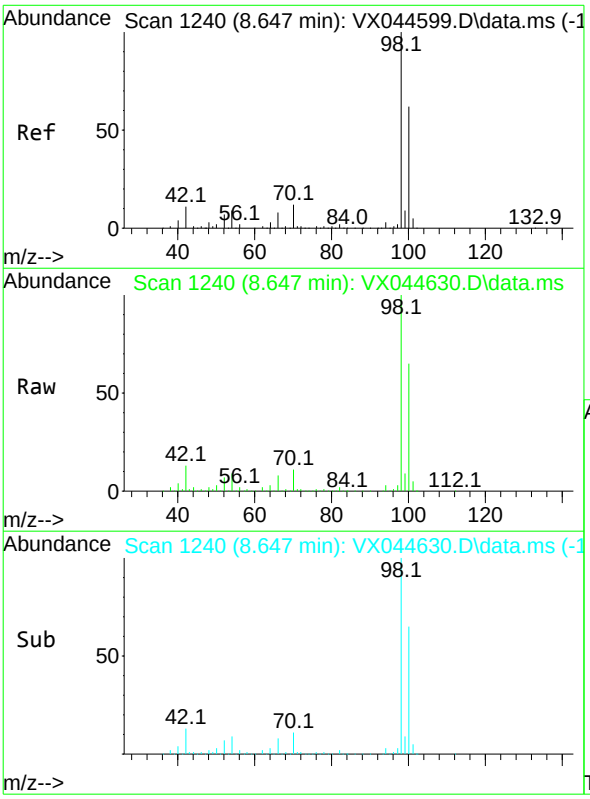
#40
Benzene
Concen: 0.515 ug/l
RT: 6.038 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 78 Resp: 4819

Ion	Ratio	Lower	Upper
78	100		
77	33.4	18.8	28.2#

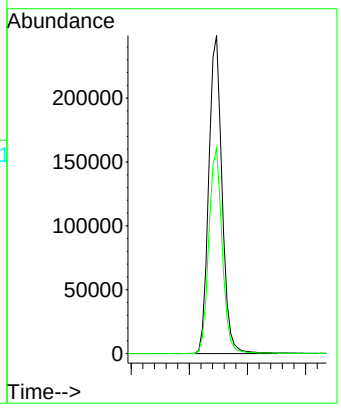


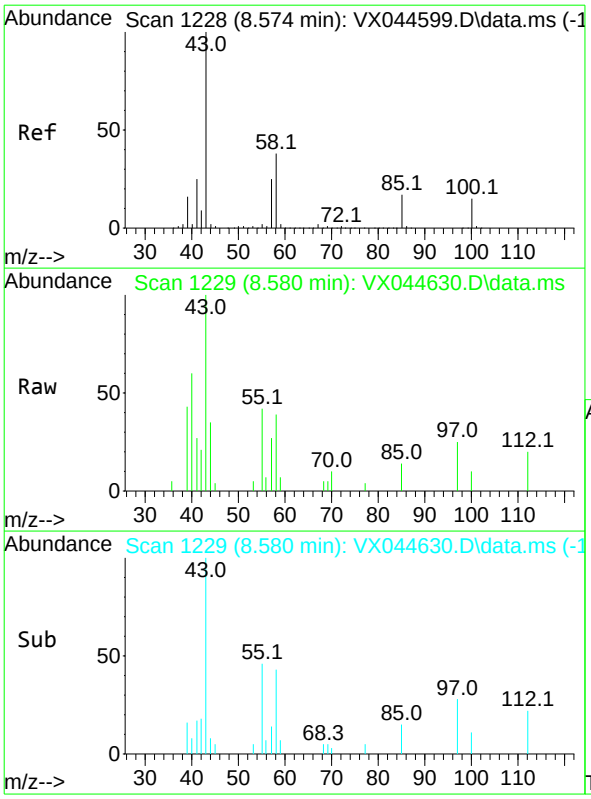


#50
Toluene-d8
Concen: 50.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 98 Resp: 394443

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7



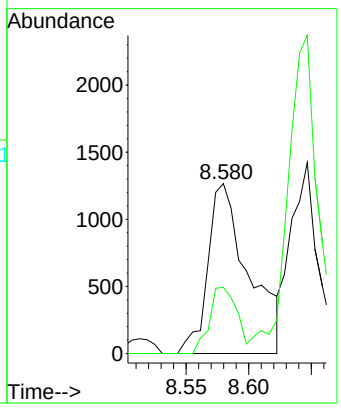


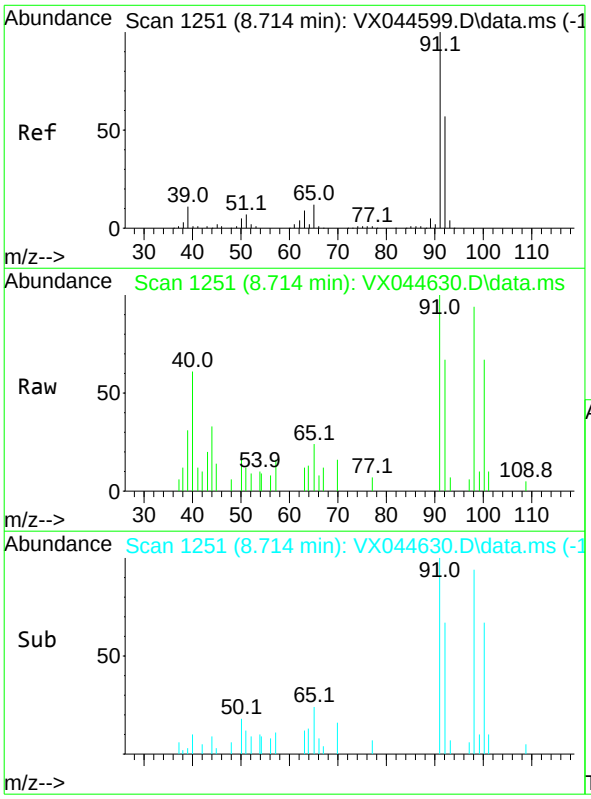
#51
4-Methyl-2-Pentanone
Concen: 0.979 ug/l
RT: 8.580 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 43 Resp: 2868

Ion	Ratio	Lower	Upper
43	100		
58	27.8	30.0	45.0#

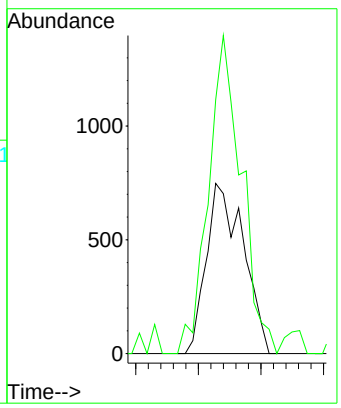


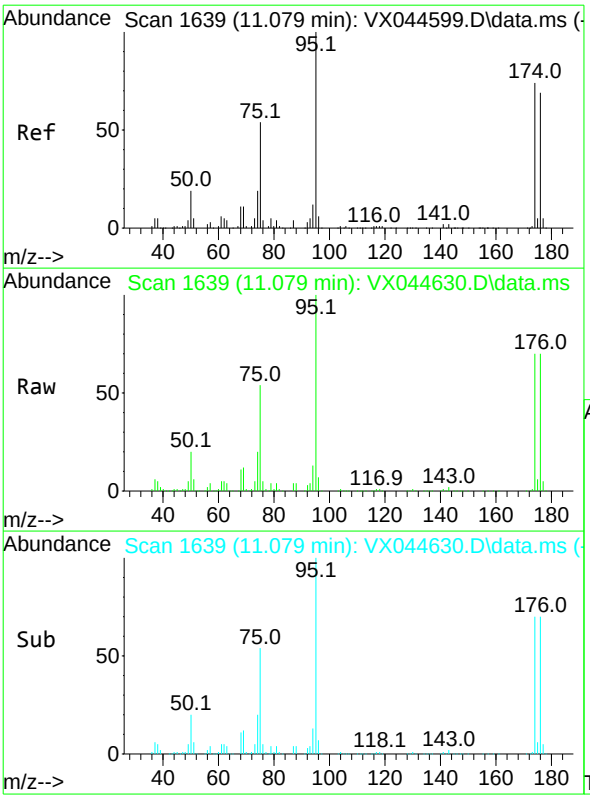


#52
Toluene
Concen: 0.273 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 92 Resp: 1542

Ion	Ratio	Lower	Upper
92	100		
91	166.3	140.6	210.8



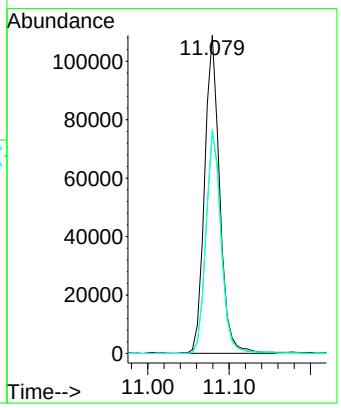


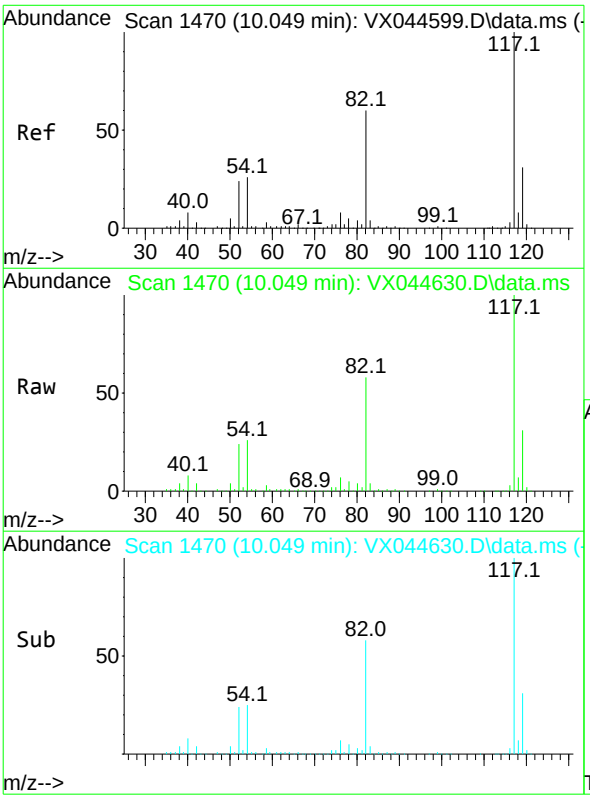
#62
4-Bromofluorobenzene
Concen: 50.502 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion: 95 Resp: 139847

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	148.8
176	70.4	0.0	139.8

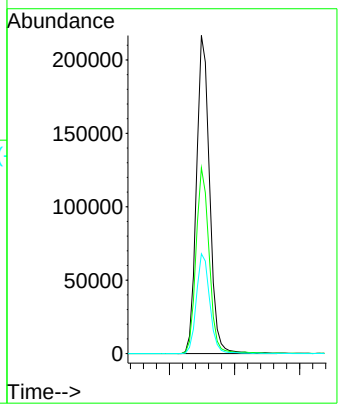


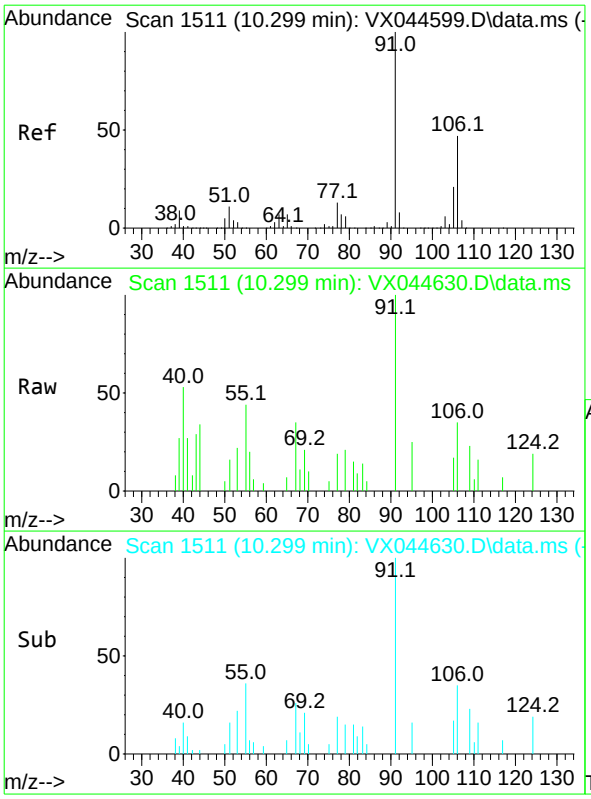


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:117 Resp: 303097

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	31.4	25.0	37.6



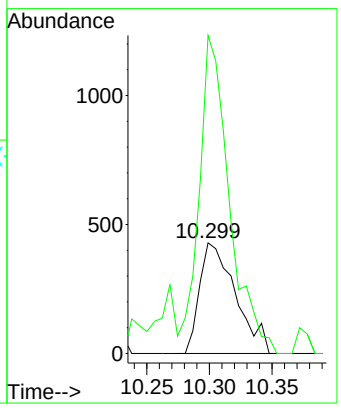


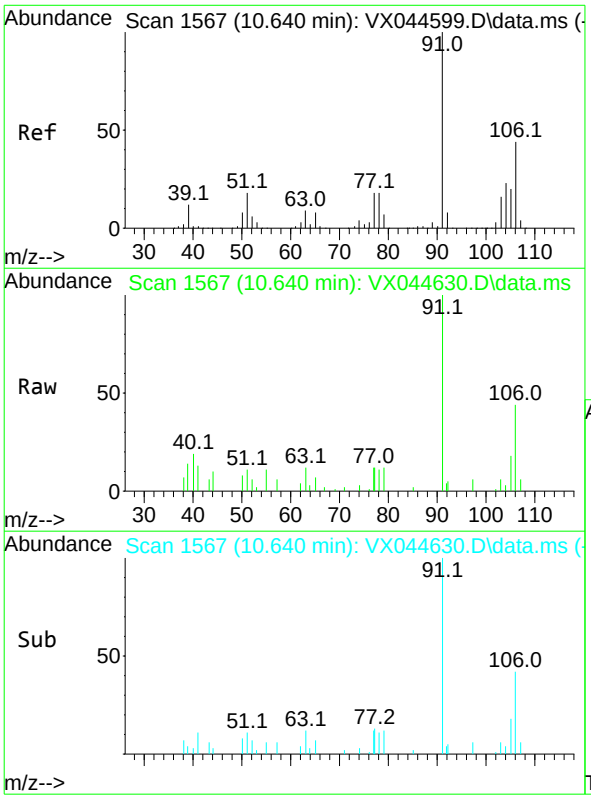
#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.299 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion:106 Resp: 856

Ion	Ratio	Lower	Upper
106	100		
91	241.6	170.4	255.6

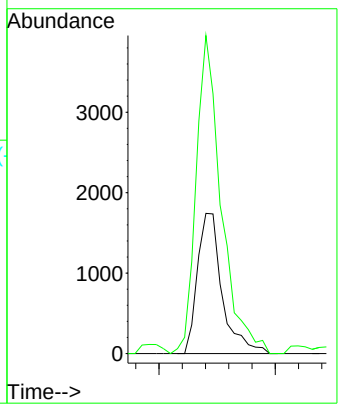


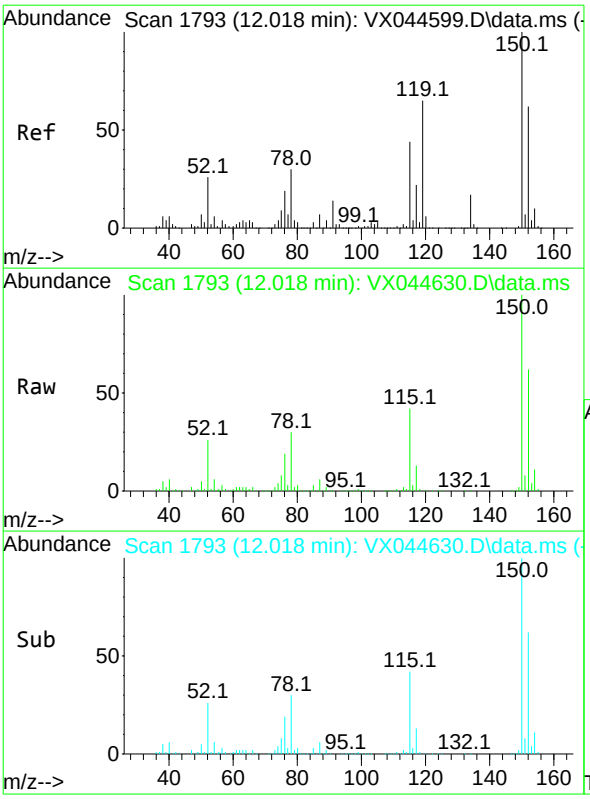


#69
o-Xylene
Concen: 0.628 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:106 Resp: 2575

Ion	Ratio	Lower	Upper
106	100		
91	229.9	112.3	336.8



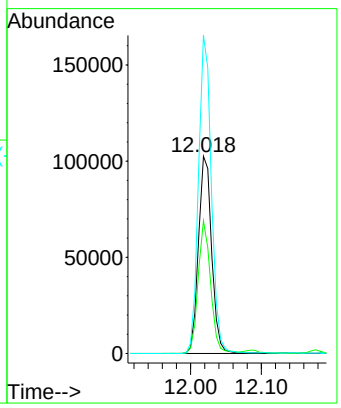


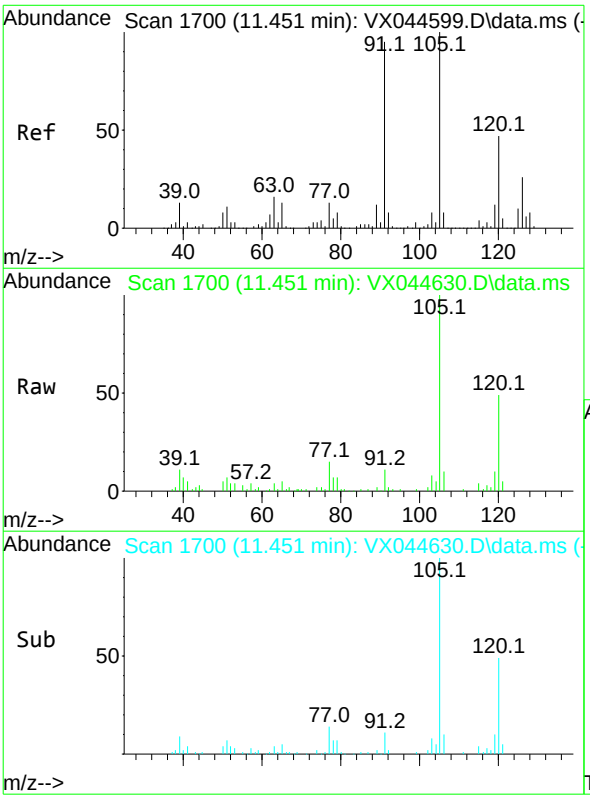
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion:152 Resp: 133853

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.4	133.1
150	156.2	0.0	355.0

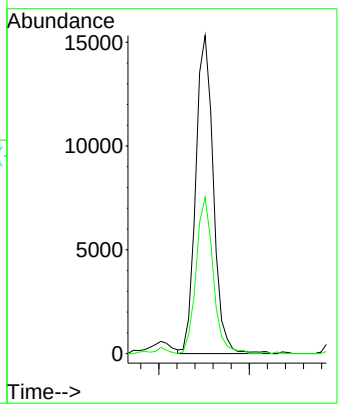


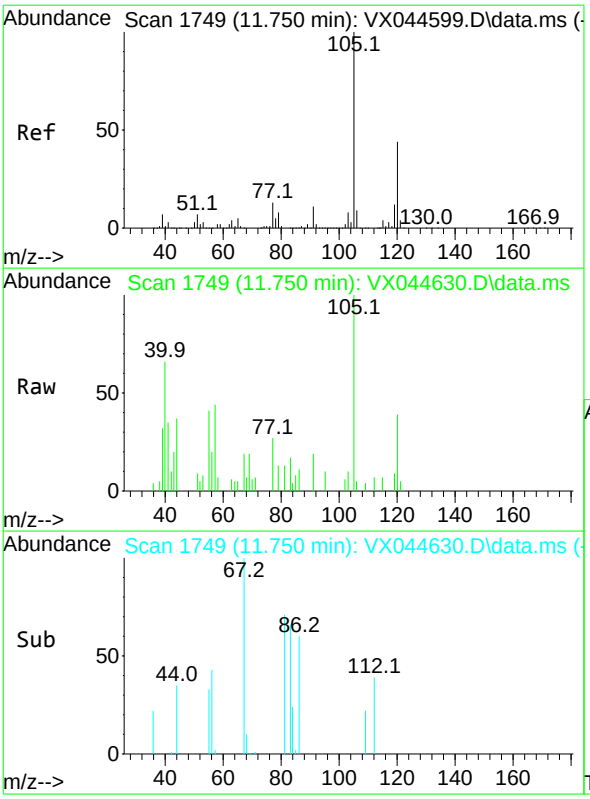


#80
1,3,5-Trimethylbenzene
Concen: 2.520 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:105 Resp: 20721

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.5	70.5



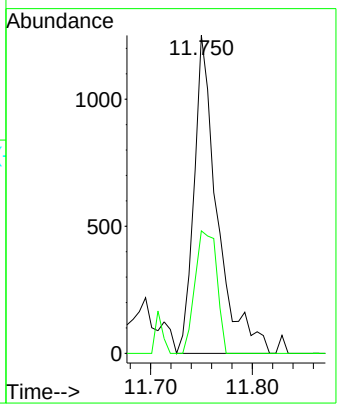


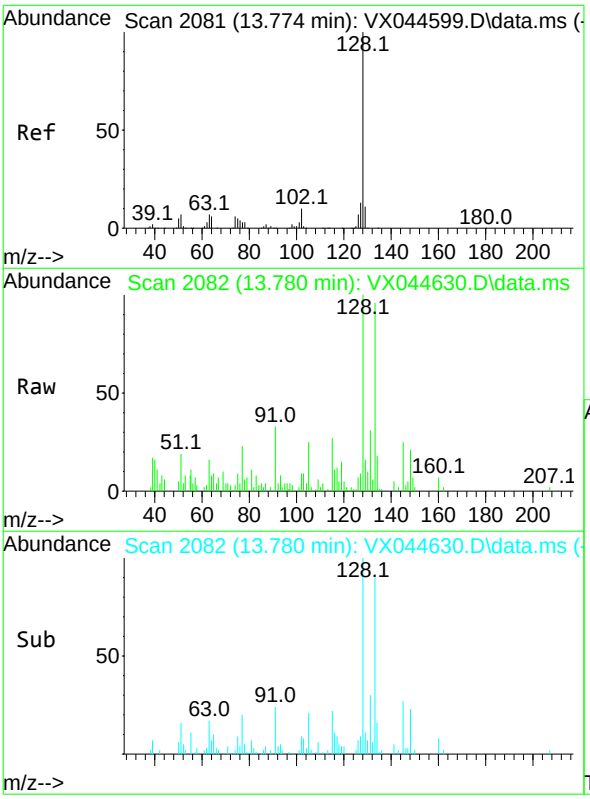
#84
1,2,4-Trimethylbenzene
Concen: 0.240 ug/l
RT: 11.750 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Tgt Ion:105 Resp: 1979

Ion	Ratio	Lower	Upper
105	100		
120	36.2	21.9	65.7

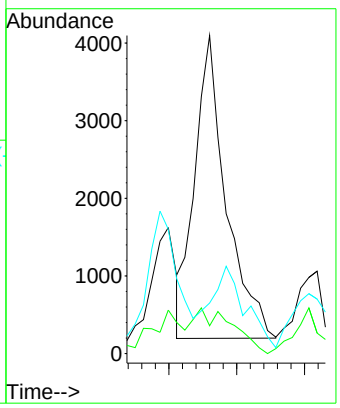




#95
Naphthalene
Concen: 0.752 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:128 Resp: 6276

Ion	Ratio	Lower	Upper
128	100		
127	18.9	10.5	15.7#
129	29.7	8.6	13.0#



Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

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\82X010725W.M
Title : SW846 8260

Signal : TIC: VX044630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	32	rBV2	39850	44034	2.10%	0.264%
2	1.575	69	80	82	rBV3	9517	27250	1.30%	0.163%
3	2.977	299	310	320	rBV3	52031	140890	6.73%	0.845%
4	5.379	691	704	714	rBV2	120120	364086	17.40%	2.183%
5	5.544	722	731	750	rVB	200992	592586	28.32%	3.553%
6	5.946	788	797	809	rBV	143893	382666	18.29%	2.295%
7	6.239	829	845	855	rBV2	27440	93345	4.46%	0.560%
8	6.348	855	863	876	rVB4	12186	32767	1.57%	0.196%
9	6.757	921	930	944	rBV	333535	807454	38.59%	4.842%
10	7.165	990	997	1004	rBV2	10995	24871	1.19%	0.149%
11	7.354	1018	1028	1038	rBV4	16523	45709	2.18%	0.274%
12	7.976	1120	1130	1141	rVB	26476	65281	3.12%	0.391%
13	8.104	1141	1151	1154	rBV	49619	104518	4.99%	0.627%
14	8.135	1154	1156	1163	rVB	34407	52242	2.50%	0.313%
15	8.604	1225	1233	1234	rBV5	11103	20930	1.00%	0.126%
16	8.647	1234	1240	1250	rVB	664990	1057414	50.53%	6.341%
17	8.964	1287	1292	1299	rVB4	16300	36812	1.76%	0.221%
18	9.159	1319	1324	1335	rVB	29939	50180	2.40%	0.301%
19	10.049	1465	1470	1486	rBV	701215	991186	47.37%	5.944%
20	11.079	1634	1639	1650	rBV	533006	701496	33.52%	4.207%
21	11.451	1694	1700	1704	rBV	46443	62745	3.00%	0.376%
22	11.610	1721	1726	1735	rVB	130976	165426	7.91%	0.992%
23	12.018	1788	1793	1797	rBV	684545	855577	40.89%	5.130%
24	12.055	1797	1799	1801	rVV2	46052	54911	2.62%	0.329%
25	12.085	1801	1804	1809	rVB	124992	155539	7.43%	0.933%
26	12.177	1814	1819	1824	rVB	49913	62634	2.99%	0.376%
27	12.244	1824	1830	1836	rBV2	835199	1121892	53.61%	6.727%
28	12.317	1838	1842	1848	rVB	56569	77867	3.72%	0.467%
29	12.402	1851	1856	1862	rBV2	233365	309214	14.78%	1.854%
30	12.469	1862	1867	1872	rVB2	43958	65476	3.13%	0.393%
31	12.610	1885	1890	1894	rBV	817506	942238	45.03%	5.650%
32	12.640	1894	1895	1900	rVV	70827	79301	3.79%	0.476%
33	12.695	1900	1904	1912	rVV2	500183	847909	40.52%	5.085%
34	12.841	1924	1928	1933	rVB2	55427	82169	3.93%	0.493%
35	12.920	1933	1941	1945	rBV	710715	868558	41.51%	5.208%
36	12.963	1945	1948	1954	rVB2	44208	66373	3.17%	0.398%

Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

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\82X010725W.M
Title : SW846 8260

37	13.030	1954	1959	1966	rBV4	49618	95962	4.59%	0.575%
38	13.091	1966	1969	1972	rBV	25983	29288	1.40%	0.176%
39	13.134	1972	1976	1980	rBV2	79239	93781	4.48%	0.562%
40	13.195	1983	1986	1991	rVB	36667	47396	2.26%	0.284%
41	13.292	1991	2002	2008	rBV2	1427863	2092632	100.00%	12.549%
42	13.347	2008	2011	2013	rBV	20572	23048	1.10%	0.138%
43	13.420	2020	2023	2030	rVB2	111906	153682	7.34%	0.922%
44	13.512	2030	2038	2040	rBV4	19543	41672	1.99%	0.250%
45	13.542	2040	2043	2045	rVV3	26042	32852	1.57%	0.197%
46	13.579	2045	2049	2054	rVV3	278822	447030	21.36%	2.681%
47	13.640	2055	2059	2060	rVV	143761	187634	8.97%	1.125%
48	13.664	2060	2063	2073	rVV2	239238	415150	19.84%	2.489%
49	13.750	2073	2077	2080	rVV2	22259	25480	1.22%	0.153%
50	13.792	2080	2084	2089	rVB2	63376	86955	4.16%	0.521%
51	13.853	2089	2094	2099	rVB4	38503	56679	2.71%	0.340%
52	13.926	2099	2106	2110	rBV2	112520	170197	8.13%	1.021%
53	13.969	2110	2113	2117	rVB2	96048	109230	5.22%	0.655%
54	14.073	2125	2130	2133	rBV2	53111	65263	3.12%	0.391%
55	14.213	2148	2153	2160	rBV	207153	276208	13.20%	1.656%
56	14.317	2167	2170	2175	rVB	106291	124896	5.97%	0.749%
57	14.371	2175	2179	2183	rVV	114146	139566	6.67%	0.837%
58	14.420	2183	2187	2192	rVB	24591	35761	1.71%	0.214%
59	14.481	2192	2197	2201	rBV2	106389	152159	7.27%	0.912%
60	14.615	2215	2219	2221	rBV3	28972	39203	1.87%	0.235%
61	14.670	2225	2228	2232	rVB	29464	38783	1.85%	0.233%
62	14.786	2243	2247	2249	rVV3	16498	27086	1.29%	0.162%
63	14.816	2249	2252	2255	rVV2	29224	44456	2.12%	0.267%
64	15.048	2286	2290	2298	rBV2	14136	21044	1.01%	0.126%
65	15.182	2306	2312	2319	rBV3	50151	100691	4.81%	0.604%
66	15.524	2364	2368	2373	rVB4	13773	24204	1.16%	0.145%
67	15.804	2410	2414	2419	rBV3	14684	24766	1.18%	0.149%

Sum of corrected areas: 16676300

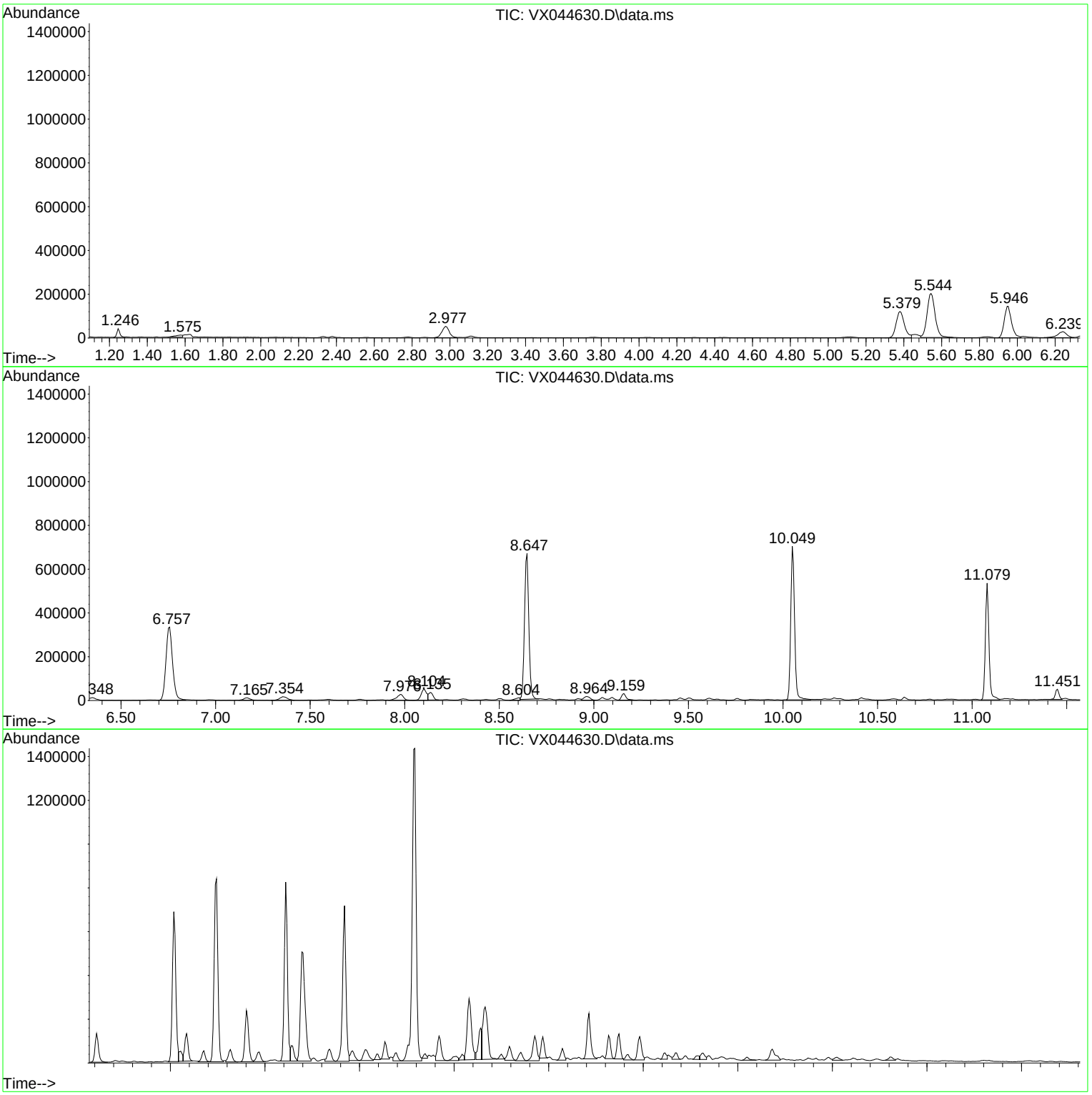
Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

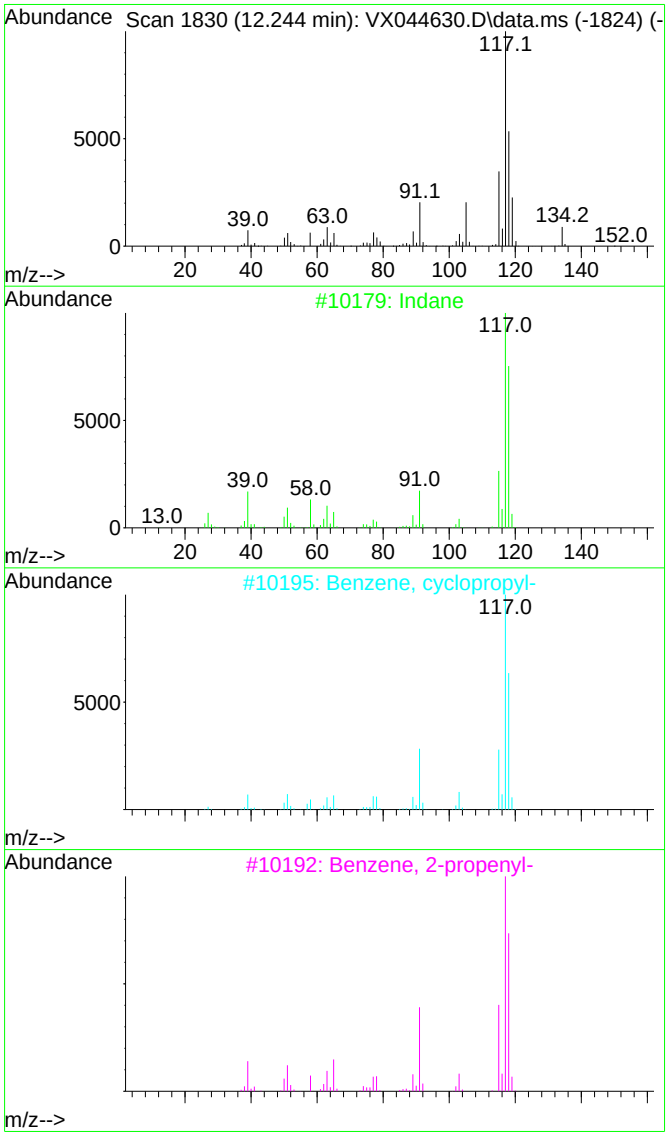
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

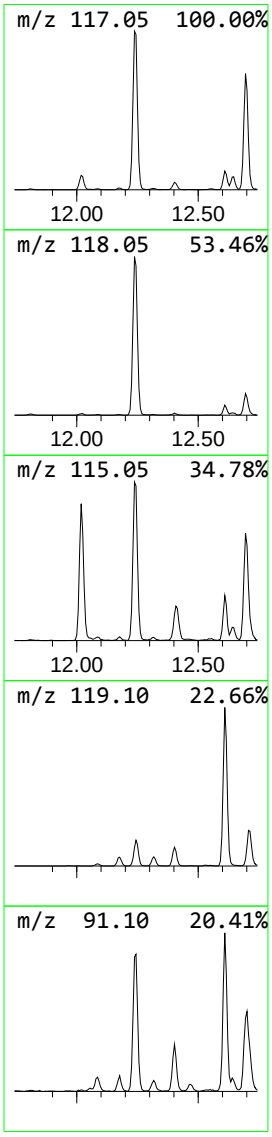
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	65.56 ug/l	1121890	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

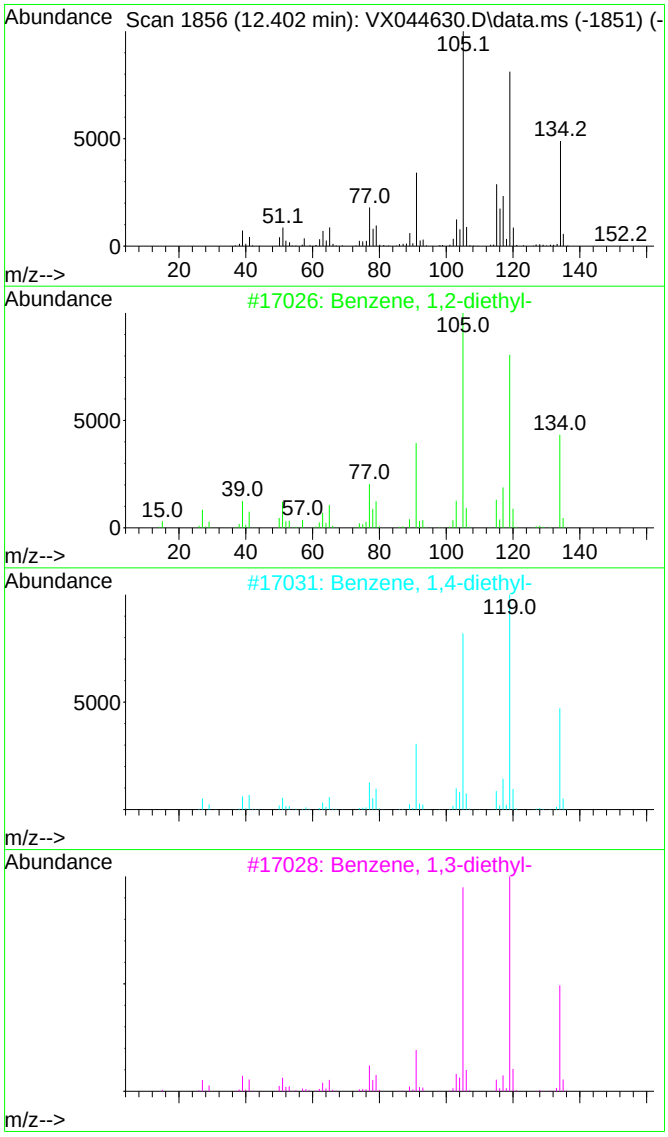
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

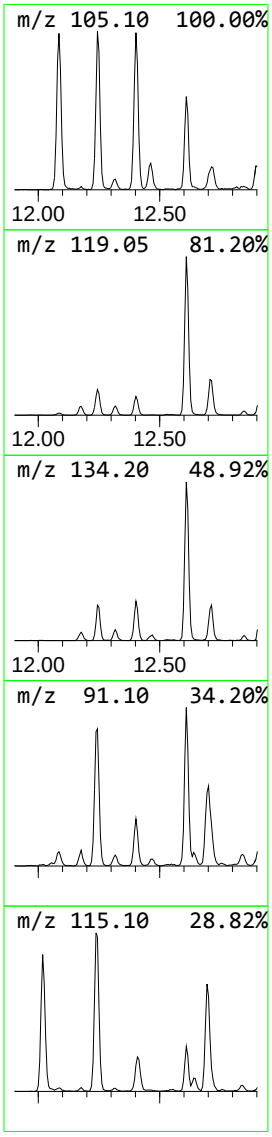
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.402	18.07 ug/l	309214	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	74
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

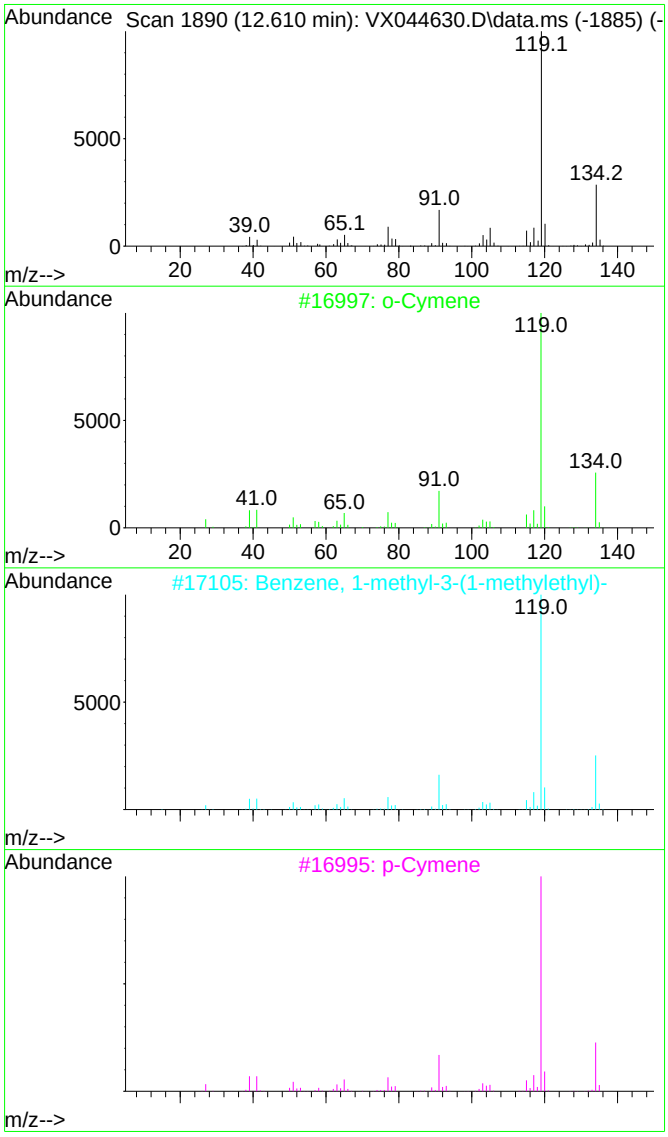
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

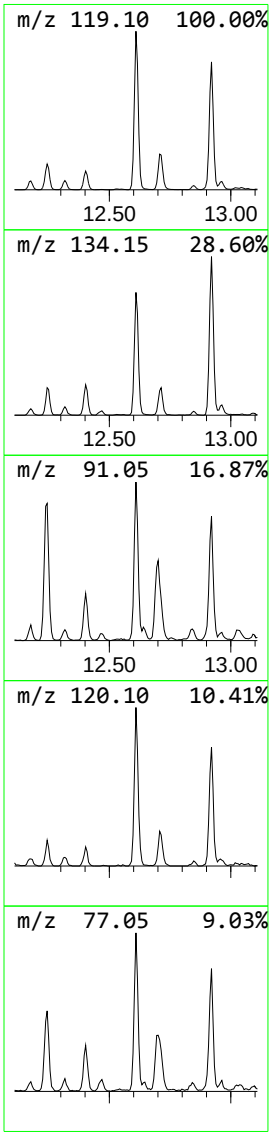
****

Peak Number 3 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	55.06 ug/l	942238	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

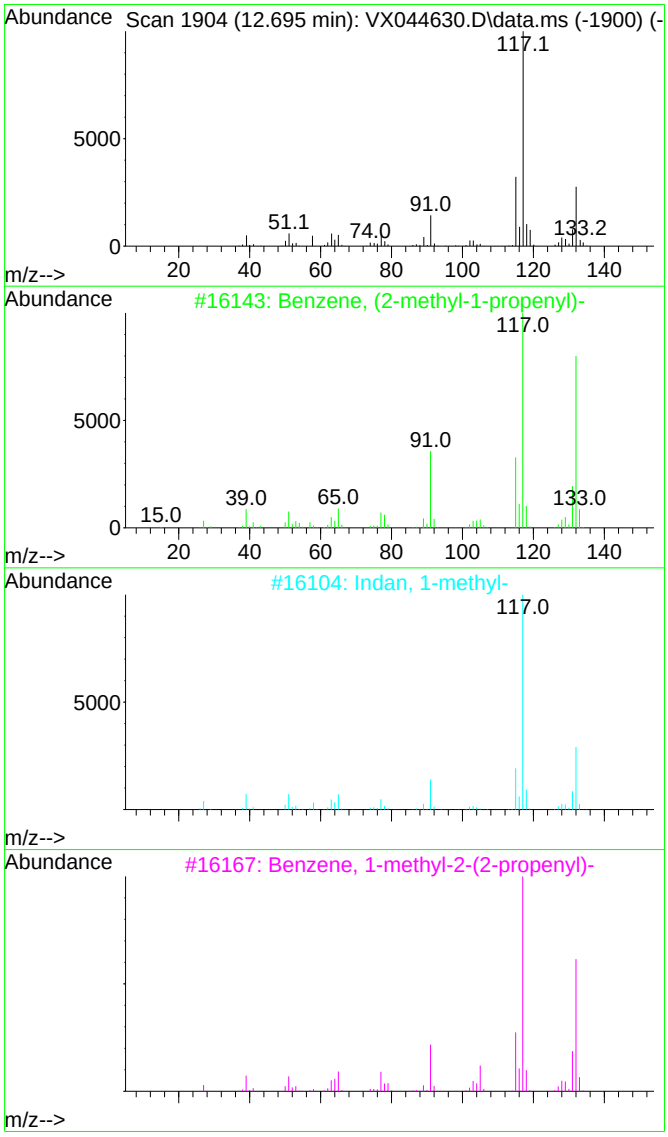
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

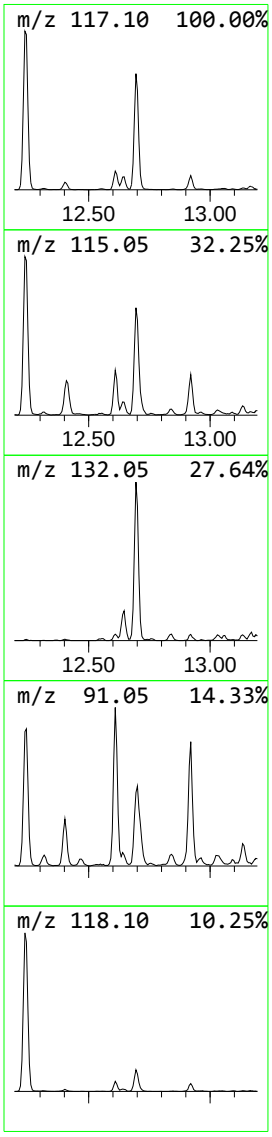
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	49.55 ug/l	847909	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

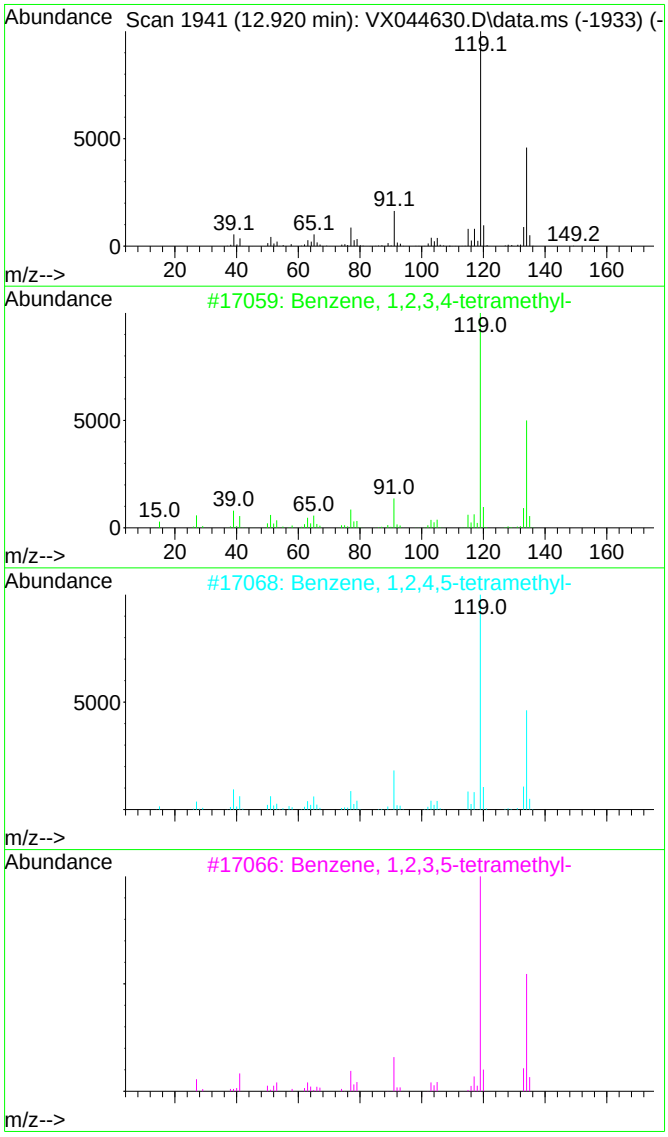
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

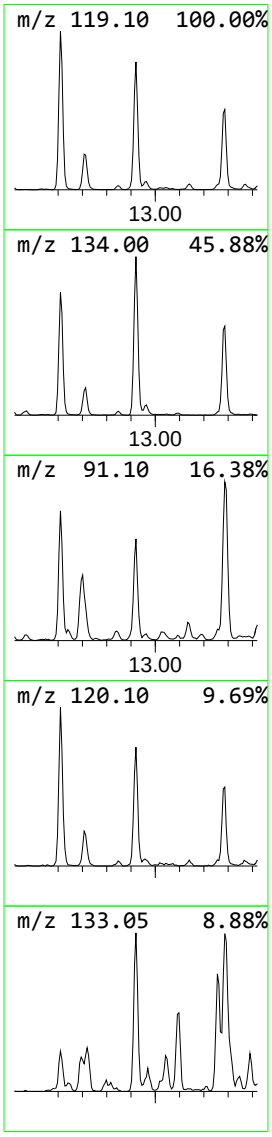
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	50.76 ug/l	868558	1,4-Dichlorobenzene-d4	12.018

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

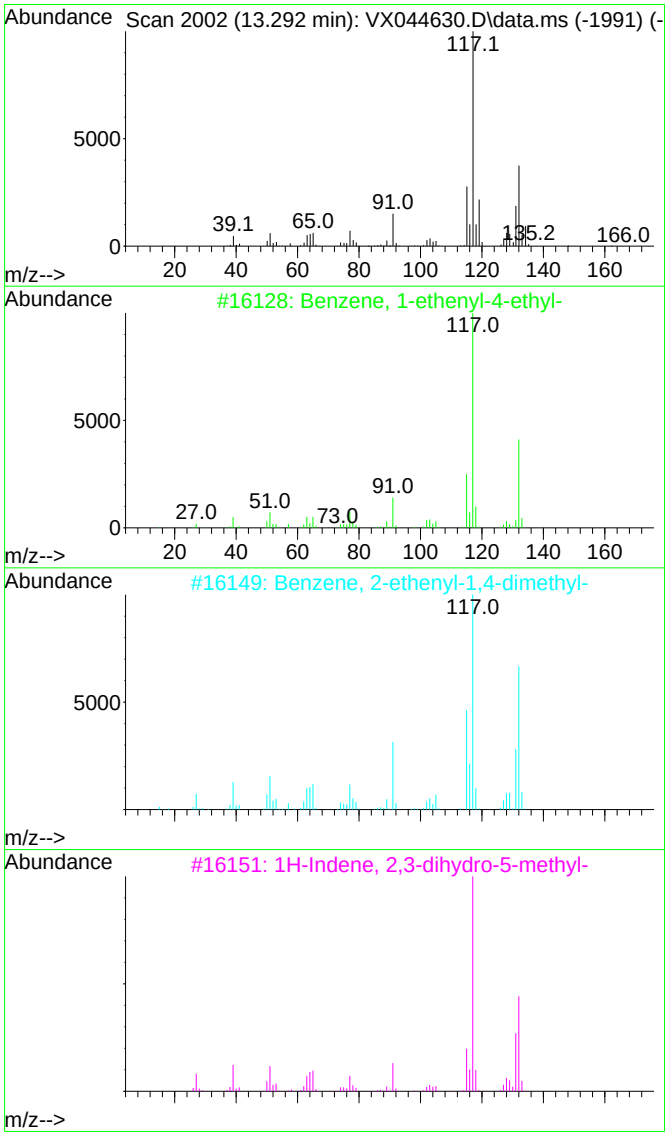
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

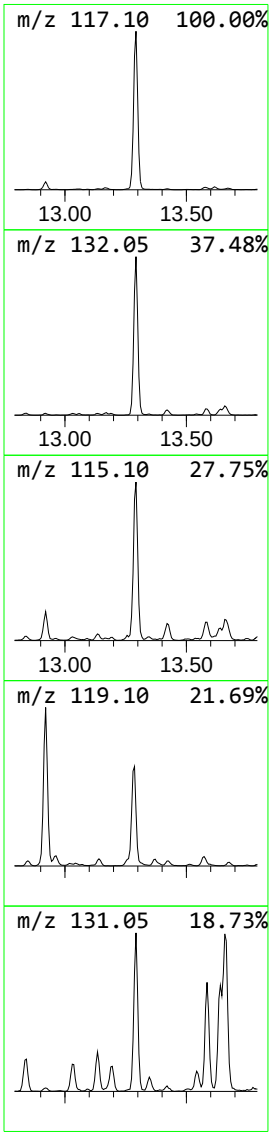
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	122.29 ug/l	2092630	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

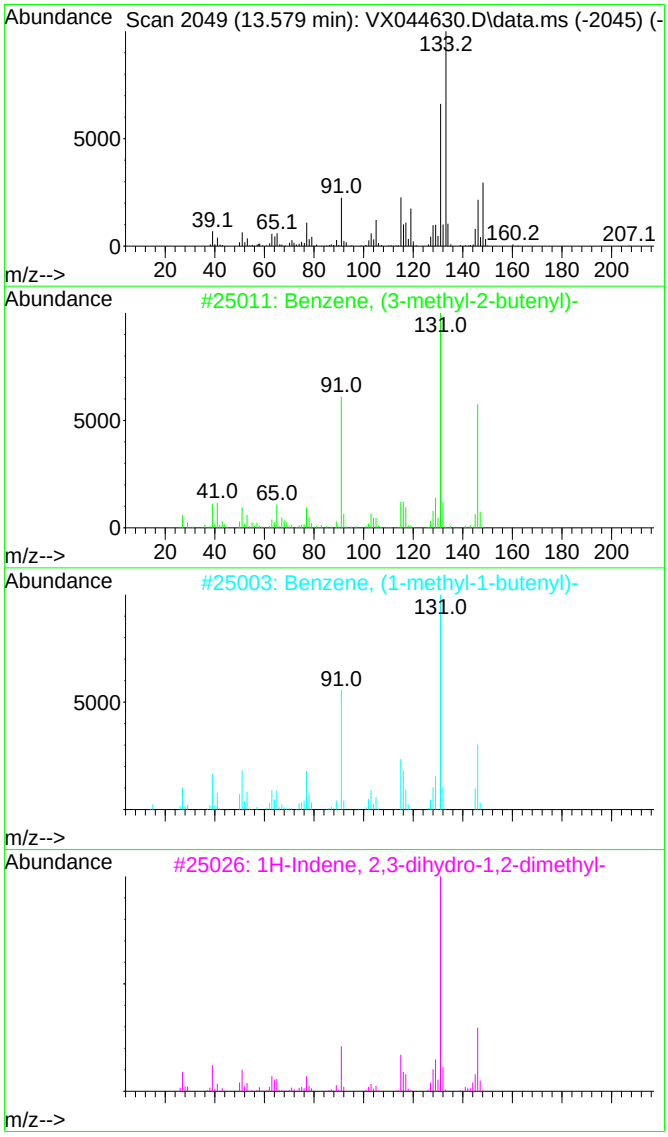
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

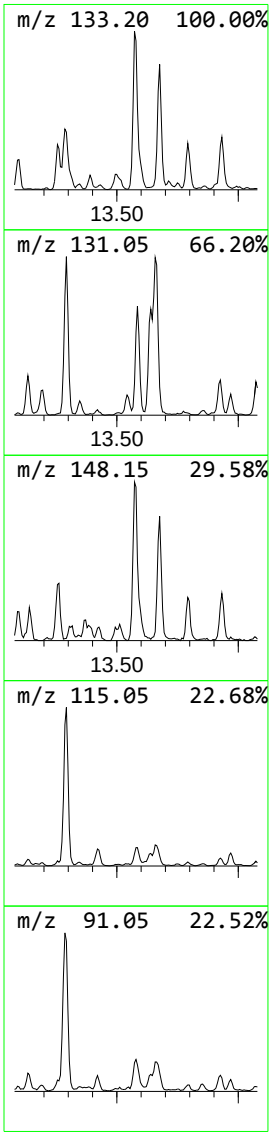
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	26.12 ug/l	447030	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

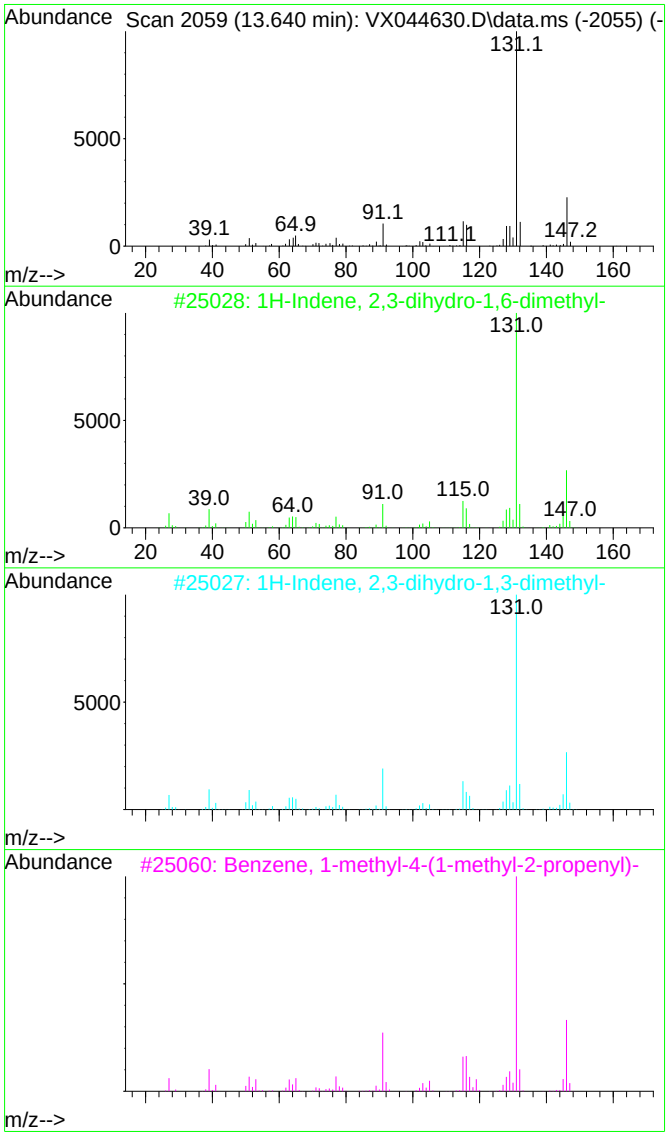
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

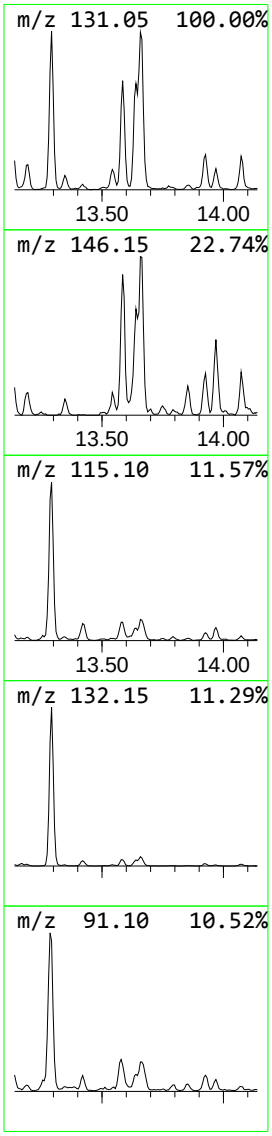
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	10.97 ug/l	187634	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

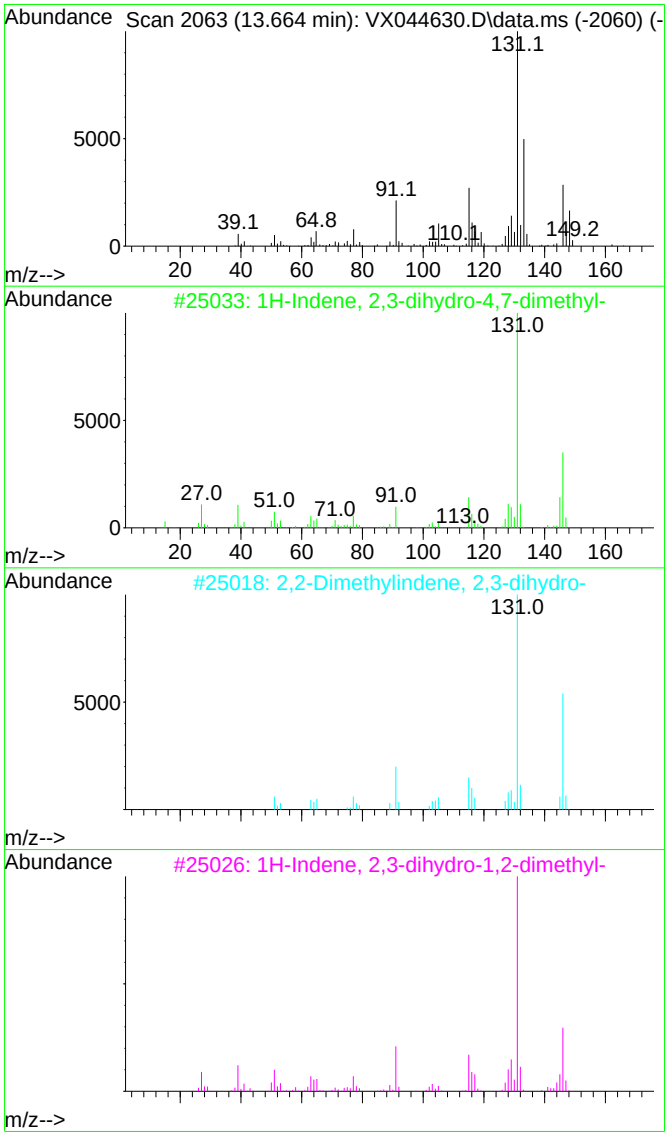
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

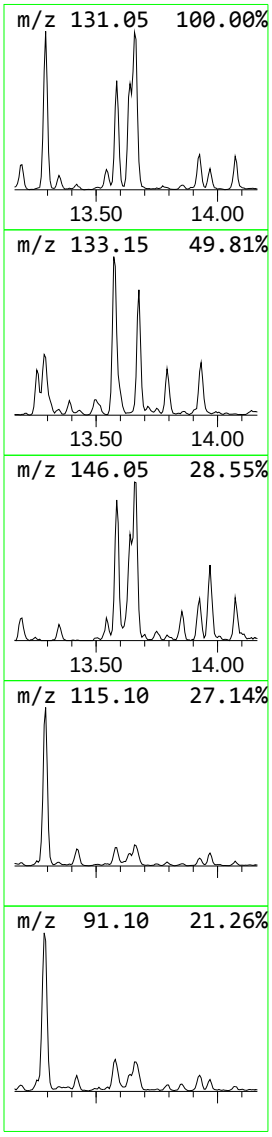
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	24.26 ug/l	415150	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70





Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

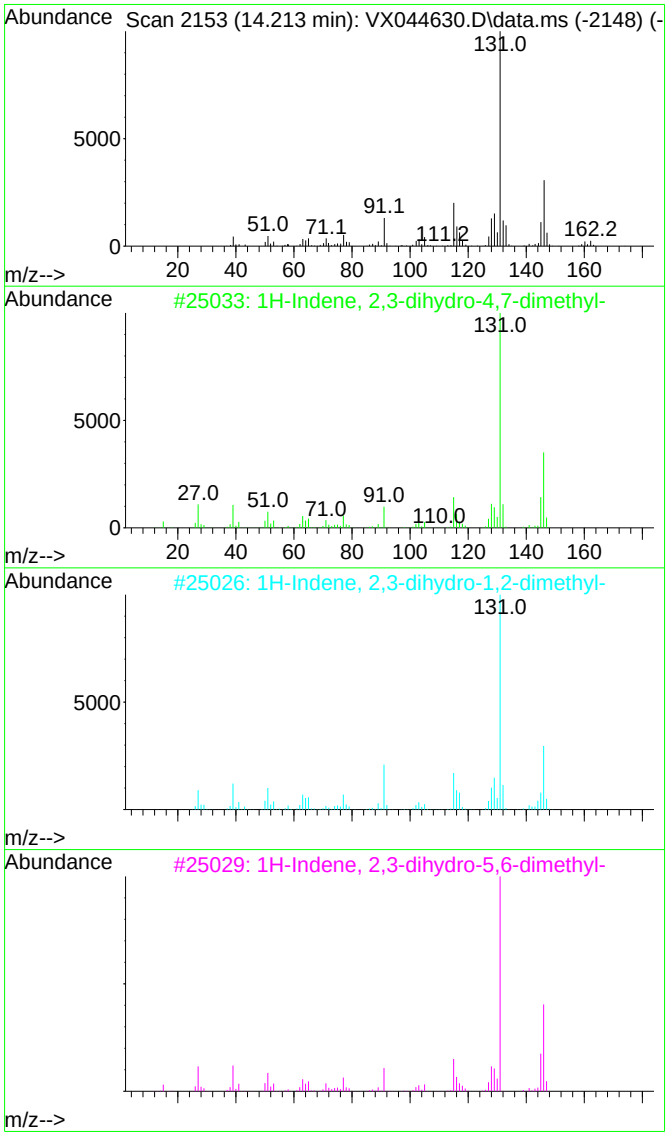
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

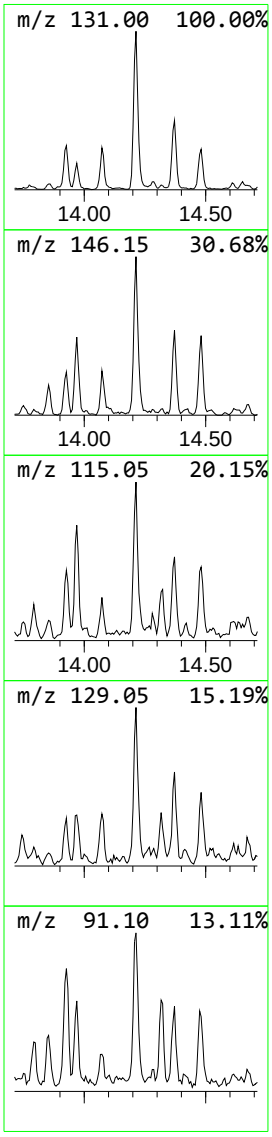
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	16.14 ug/l	276208	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Sample Results: **VX044630.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044630.D
Acq On : 08 Jan 2025 15:59
Operator : JC/MD
Sample : Q1036-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.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
Indane	12.244	65.6	ug/l	1121890	4	12.018	855577	50.0
Benzene, 1,2-di...	12.402	18.1	ug/l	309214	4	12.018	855577	50.0
o-Cymene	12.610	55.1	ug/l	942238	4	12.018	855577	50.0
Benzene, (2-met...	12.695	49.5	ug/l	847909	4	12.018	855577	50.0
Benzene, 1,2,3,...	12.920	50.8	ug/l	868558	4	12.018	855577	50.0
Benzene, 1-ethe...	13.292	122.3	ug/l	2092630	4	12.018	855577	50.0
Benzene, (3-met...	13.579	26.1	ug/l	447030	4	12.018	855577	50.0
1H-Indene, 2,3-...	13.640	11.0	ug/l	187634	4	12.018	855577	50.0
1H-Indene, 2,3-...	13.664	24.3	ug/l	415150	4	12.018	855577	50.0
1H-Indene, 2,3-...	14.213	16.1	ug/l	276208	4	12.018	855577	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: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG No.: Q1036

Instrument ID: MSVOA_X Calibration Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:06 12:00

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

LAB FILE ID: RRF001 = VX044596.D RRF005 = VX044597.D RRF020 = VX044598.D
RRF050 = VX044599.D RRF100 = VX044600.D RRF150 = VX044601.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.686	0.708	0.713	0.779	0.772	0.682	0.723	5.9
Chloromethane	0.736	0.794	0.736	0.736	0.703	0.621	0.721	7.9
Vinyl Chloride	0.629	0.704	0.696	0.710	0.696	0.624	0.676	5.8
Bromomethane		0.380	0.364	0.369	0.369	0.270	0.350	13
Chloroethane	0.482	0.371	0.371	0.324	0.387		0.387	15.1
Trichlorofluoromethane	0.982	1.037	0.991	1.084	1.092	0.855	1.007	8.7
1,1,2-Trichlorotrifluoroethane	0.557	0.586	0.583	0.588	0.596	0.554	0.577	3.1
1,1-Dichloroethene	0.539	0.587	0.549	0.562	0.565	0.553	0.559	3
Acetone	0.310	0.215	0.270	0.275	0.263	0.192	0.254	17
Carbon Disulfide	0.909	1.045	1.058	1.220	1.356	1.352	1.157	15.7
Methyl tert-butyl Ether	1.768	1.979	1.965	2.051	2.012	1.726	1.917	7.1
Methyl Acetate	0.772	0.799	0.762	0.776	0.774	0.617	0.750	8.8
Methylene Chloride	0.687	0.657	0.661	0.657	0.629	0.598	0.648	4.7
trans-1,2-Dichloroethene	0.554	0.579	0.580	0.580	0.588	0.562	0.574	2.3
1,1-Dichloroethane	1.017	1.181	1.171	1.182	1.156	0.980	1.114	8.2
Cyclohexane		0.912	0.950	0.953	0.942	0.818	0.915	6.2
2-Butanone	0.295	0.393	0.403	0.409	0.399	0.303	0.367	14.4
Carbon Tetrachloride	0.467	0.457	0.491	0.516	0.534	0.488	0.492	5.9
cis-1,2-Dichloroethene	0.601	0.763	0.715	0.731	0.711	0.679	0.700	7.9
Bromochloromethane	0.521	0.542	0.550	0.548	0.528	0.423	0.519	9.3
Chloroform	1.142	1.316	1.258	1.253	1.210	1.028	1.201	8.5
1,1,1-Trichloroethane	0.848	1.057	1.051	1.087	1.084	0.939	1.011	9.5
Methylcyclohexane	0.512	0.566	0.572	0.580	0.592	0.571	0.566	4.9
Benzene	1.291	1.449	1.463	1.448	1.399	1.324	1.396	5.2
1,2-Dichloroethane	0.473	0.586	0.603	0.599	0.577	0.437	0.546	13.2
Trichloroethene	0.355	0.364	0.358	0.349	0.353	0.362	0.357	1.6
1,2-Dichloropropane	0.314	0.340	0.363	0.362	0.353	0.310	0.340	6.9
Bromodichloromethane	0.401	0.472	0.503	0.524	0.530	0.459	0.482	10
4-Methyl-2-Pentanone	0.361	0.455	0.486	0.491	0.477	0.354	0.437	14.4
Toluene	0.736	0.867	0.896	0.878	0.865	0.811	0.842	7

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG No.: Q1036

Instrument ID: MSVOA_X Calibration Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:06 12:00

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

LAB FILE ID: RRF001 = VX044596.D RRF005 = VX044597.D RRF020 = VX044598.D
RRF050 = VX044599.D RRF100 = VX044600.D RRF150 = VX044601.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.330	0.416	0.486	0.519	0.537	0.473	0.460	16.6
cis-1,3-Dichloropropene	0.426	0.480	0.533	0.570	0.575	0.521	0.517	11
1,1,2-Trichloroethane	0.308	0.345	0.349	0.345	0.326	0.308	0.330	5.7
2-Hexanone	0.232	0.310	0.348	0.359	0.348	0.259	0.309	17.1
Dibromochloromethane	0.231	0.305	0.339	0.368	0.371	0.362	0.329	16.4
1,2-Dibromoethane	0.282	0.340	0.359	0.349	0.344	0.327	0.333	8.2
Tetrachloroethene	0.360	0.370	0.362	0.346	0.338	0.345	0.354	3.5
Chlorobenzene	0.977	1.089	1.086	1.088	1.063	1.065	1.061	4
Ethyl Benzene	1.555	1.854	1.919	1.928	1.895	1.783	1.822	7.8
m/p-Xylenes	0.518	0.677	0.713	0.715	0.711	0.684	0.670	11.4
o-Xylene	0.636	0.650	0.696	0.696	0.693	0.683	0.676	3.8
Styrene	0.790	1.026	1.156	1.187	1.181	1.145	1.081	14.3
Bromoform	0.153	0.200	0.225	0.248	0.271	0.293	0.232	21.9
Isopropylbenzene	3.392	3.801	3.892	3.885	3.740	3.516	3.704	5.6
1,1,2,2-Tetrachloroethane	1.145	1.320	1.227	1.255	1.166	1.051	1.194	7.9
1,3-Dichlorobenzene	1.456	1.659	1.683	1.688	1.629	1.653	1.628	5.4
1,4-Dichlorobenzene	1.762	1.780	1.665	1.685	1.637	1.646	1.696	3.6
1,2-Dichlorobenzene	1.560	1.699	1.669	1.699	1.612	1.630	1.645	3.3
1,2-Dibromo-3-Chloropropane	0.197	0.208	0.221	0.249	0.257	0.226	0.226	10.2
1,2,4-Trichlorobenzene	0.818	0.899	0.942	0.995	1.024	1.123	0.967	10.9
1,2,3-Trichlorobenzene	0.849	0.922	0.992	1.019	1.022	1.124	0.988	9.5
1,2-Dichloroethane-d4		0.919	0.850	0.817	0.819	0.626	0.806	13.5
Dibromofluoromethane		0.354	0.347	0.335	0.348	0.330	0.343	3
Toluene-d8		1.192	1.213	1.156	1.185	1.109	1.171	3.5
4-Bromofluorobenzene		0.404	0.416	0.415	0.432	0.400	0.413	3

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

Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X010725W.M
Title : SW846 8260
Last Update : Wed Jan 08 03:57:12 2025
Response Via : Initial Calibration

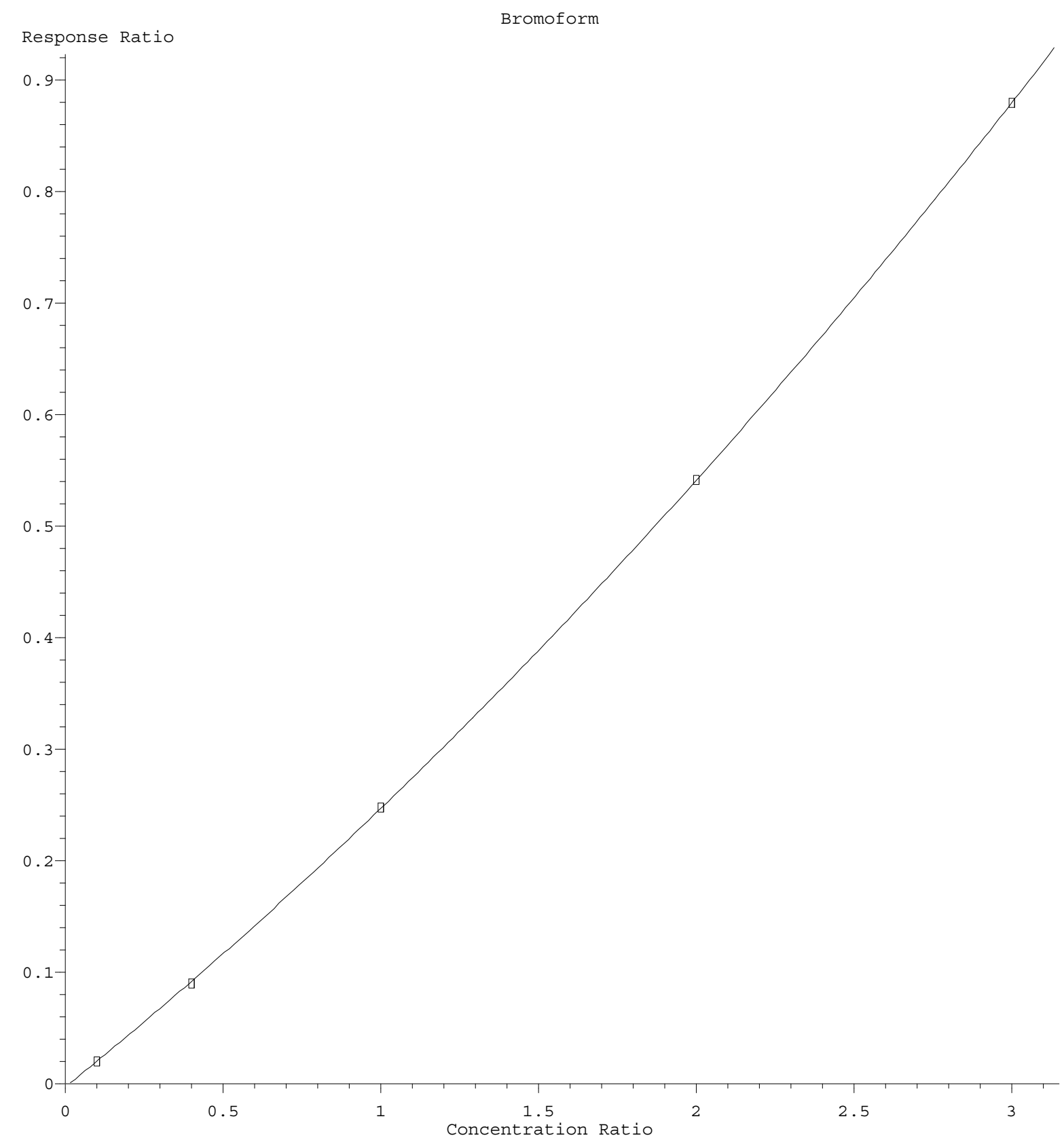
Calibration Files
1 =VX044596.D 5 =VX044597.D 20 =VX044598.D 50 =VX044599.D 100 =VX044600.D 150 =VX044601.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.686	0.708	0.713	0.779	0.772	0.682	0.723	5.86
3)	P	Chloromethane	0.736	0.794	0.736	0.736	0.703	0.621	0.721	7.93
4)	C	Vinyl Chloride	0.629	0.704	0.696	0.710	0.696	0.624	0.676	5.77#
5)	T	Bromomethane		0.380	0.364	0.369	0.369	0.270	0.350	12.97
6)	T	Chloroethane	0.482	0.371	0.371	0.324	0.387		0.387	15.08
7)	T	Trichlorofluor...	0.982	1.037	0.991	1.084	1.092	0.855	1.007	8.65
8)	T	Diethyl Ether	0.404	0.324	0.383	0.350	0.377	0.297	0.356	11.28
9)	T	1,1,2-Trichlor...	0.557	0.586	0.583	0.588	0.596	0.554	0.577	3.06
10)	T	Methyl Iodide		0.839	0.795	0.811	0.792	0.789	0.805	2.58
11)	T	Tert butyl alc...		0.113	0.096	0.101	0.102	0.084	0.099	10.62
12)	CM	1,1-Dichloroet...	0.539	0.587	0.549	0.562	0.565	0.553	0.559	2.96#
13)	T	Acrolein		0.133	0.128	0.133	0.142	0.120	0.131	6.16
14)	T	Allyl chloride	0.865	0.904	0.954	1.012	1.019	0.827	0.930	8.41
15)	T	Acrylonitrile	0.265	0.301	0.299	0.306	0.295	0.251	0.286	7.86
16)	T	Acetone	0.310	0.215	0.270	0.275	0.263	0.192	0.254	16.97
17)	T	Carbon Disulfide	0.909	1.045	1.058	1.220	1.356	1.352	1.157	15.73
18)	T	Methyl Acetate	0.772	0.799	0.762	0.776	0.774	0.617	0.750	8.83
19)	T	Methyl tert-bu...	1.768	1.979	1.965	2.051	2.012	1.726	1.917	7.06
20)	T	Methylene Chlo...	0.687	0.657	0.661	0.657	0.629	0.598	0.648	4.74
21)	T	trans-1,2-Dich...	0.554	0.579	0.580	0.580	0.588	0.562	0.574	2.26
22)	T	Diisopropyl ether	1.709	2.084	2.026	2.082	2.021	1.552	1.912	11.80
23)	T	Vinyl Acetate	1.181	1.533	1.673	1.779	1.790	1.322	1.546	16.20
24)	P	1,1-Dichloroet...	1.017	1.181	1.171	1.182	1.156	0.980	1.114	8.17
25)	T	2-Butanone	0.295	0.393	0.403	0.409	0.399	0.303	0.367	14.44
26)	T	2,2-Dichloropr...	0.943	0.957	0.992	1.008	1.024	0.855	0.963	6.34
27)	T	cis-1,2-Dichlo...	0.601	0.763	0.715	0.731	0.711	0.679	0.700	7.95
28)	T	Bromochloromet...	0.521	0.542	0.550	0.548	0.528	0.423	0.519	9.27
29)	T	Tetrahydrofuran	0.248	0.267	0.265	0.265	0.262	0.200	0.251	10.43
30)	C	Chloroform	1.142	1.316	1.258	1.253	1.210	1.028	1.201	8.54#
31)	T	Cyclohexane		0.912	0.950	0.953	0.942	0.818	0.915	6.16
32)	T	1,1,1-Trichlor...	0.848	1.057	1.051	1.087	1.084	0.939	1.011	9.54
33)	S	1,2-Dichloroet...		0.919	0.850	0.817	0.819	0.626	0.806	13.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.354	0.347	0.335	0.348	0.330	0.343	2.96
36)	T	1,1-Dichloropr...	0.393	0.457	0.461	0.466	0.464	0.420	0.443	6.72
37)	T	Ethyl Acetate	0.414	0.453	0.495	0.491	0.492	0.376	0.454	10.87
38)	T	Carbon Tetrach...	0.467	0.457	0.491	0.516	0.534	0.488	0.492	5.92
39)	T	Methylcyclohexane	0.512	0.566	0.572	0.580	0.592	0.571	0.566	4.89
40)	TM	Benzene	1.291	1.449	1.463	1.448	1.399	1.324	1.396	5.19
41)	T	Methacrylonitrile	0.185	0.254	0.269	0.273	0.277	0.203	0.243	16.14
42)	TM	1,2-Dichloroet...	0.473	0.586	0.603	0.599	0.577	0.437	0.546	13.17
43)	T	Isopropyl Acetate	0.658	0.759	0.798	0.819	0.823	0.632	0.748	11.14
44)	TM	Trichloroethene	0.355	0.364	0.358	0.349	0.353	0.362	0.357	1.56
45)	C	1,2-Dichloropr...	0.314	0.340	0.363	0.362	0.353	0.310	0.340	6.93#
46)	T	Dibromomethane	0.254	0.268	0.277	0.276	0.269	0.244	0.265	4.90
47)	T	Bromodichlorom...	0.401	0.472	0.503	0.524	0.530	0.459	0.482	10.04
48)	T	Methyl methacr...	0.285	0.348	0.387	0.411	0.404	0.307	0.357	14.77
49)	T	1,4-Dioxane	0.004	0.005	0.006	0.006	0.005	0.005	0.005	13.22
50)	S	Toluene-d8		1.192	1.213	1.156	1.185	1.109	1.171	3.46
51)	T	4-Methyl-2-Pen...	0.361	0.455	0.486	0.491	0.477	0.354	0.437	14.43
52)	CM	Toluene	0.736	0.867	0.896	0.878	0.865	0.811	0.842	7.02#
53)	T	t-1,3-Dichloro...	0.330	0.416	0.486	0.519	0.537	0.473	0.460	16.56
54)	T	cis-1,3-Dichlo...	0.426	0.480	0.533	0.570	0.575	0.521	0.517	10.98
55)	T	1,1,2-Trichlor...	0.308	0.345	0.349	0.345	0.326	0.308	0.330	5.73

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X010725W.M

56)	T	Ethyl methacry...	0.350	0.455	0.506	0.545	0.541	0.485	0.480	15.04
57)	T	1,3-Dichloropr...	0.464	0.584	0.609	0.598	0.566	0.506	0.554	10.35
58)	T	2-Chloroethyl ...	0.200	0.226	0.248	0.263	0.264	0.227	0.238	10.43
59)	T	2-Hexanone	0.232	0.310	0.348	0.359	0.348	0.259	0.309	17.05
60)	T	Dibromochlorom...	0.231	0.305	0.339	0.368	0.371	0.362	0.329	16.41
61)	T	1,2-Dibromoethane	0.282	0.340	0.359	0.349	0.344	0.327	0.333	8.18
62)	S	4-Bromofluorob...		0.404	0.416	0.415	0.432	0.400	0.413	2.95
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.360	0.370	0.362	0.346	0.338	0.345	0.354	3.49
65)	PM	Chlorobenzene	0.977	1.089	1.086	1.088	1.063	1.065	1.061	4.04
66)	T	1,1,1,2-Tetrac...	0.286	0.341	0.366	0.370	0.379	0.373	0.352	9.90
67)	C	Ethyl Benzene	1.555	1.854	1.919	1.928	1.895	1.783	1.822	7.76#
68)	T	m/p-Xylenes	0.518	0.677	0.713	0.715	0.711	0.684	0.670	11.35
69)	T	o-Xylene	0.636	0.650	0.696	0.696	0.693	0.683	0.676	3.85
70)	T	Styrene	0.790	1.026	1.156	1.187	1.181	1.145	1.081	14.26
71)	P	Bromoform	0.153	0.200	0.225	0.248	0.271	0.293	0.232	21.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.392	3.801	3.892	3.885	3.740	3.516	3.704	5.55
74)	T	N-amyl acetate	1.108	1.537	1.580	1.709	1.745	1.339	1.503	16.05
75)	P	1,1,2,2-Tetrac...	1.145	1.320	1.227	1.255	1.166	1.051	1.194	7.87
76)	T	1,2,3-Trichlor...	1.014	1.055	1.038	1.043	0.996	0.869	1.002	6.86
77)	T	Bromobenzene	0.799	0.974	0.910	0.926	0.894	0.897	0.900	6.38
78)	T	n-propylbenzene	3.430	4.370	4.397	4.501	4.369	3.967	4.172	9.76
79)	T	2-Chlorotoluene	2.756	2.882	2.777	2.787	2.629	2.391	2.704	6.41
80)	T	1,3,5-Trimethy...	2.473	3.331	3.270	3.304	3.160	2.891	3.071	10.89
81)	T	trans-1,4-Dich...		0.262	0.297	0.357	0.374	0.357	0.329	14.55
82)	T	4-Chlorotoluene	2.847	3.223	3.173	3.200	3.064	2.744	3.042	6.61
83)	T	tert-Butylbenzene	2.630	3.226	3.104	3.225	3.121	3.043	3.058	7.24
84)	T	1,2,4-Trimethy...	2.634	3.061	3.354	3.315	3.152	2.995	3.085	8.47
85)	T	sec-Butylbenzene	3.131	3.853	3.913	3.921	3.842	3.688	3.725	8.12
86)	T	p-Isopropyltol...	2.484	3.154	3.271	3.369	3.298	3.175	3.125	10.37
87)	T	1,3-Dichlorobe...	1.456	1.659	1.683	1.688	1.629	1.653	1.628	5.35
88)	T	1,4-Dichlorobe...	1.762	1.780	1.665	1.685	1.637	1.646	1.696	3.59
89)	T	n-Butylbenzene	1.967	2.497	2.753	2.929	2.977	2.711	2.639	14.06
90)	T	Hexachloroethane	0.496	0.427	0.454	0.518	0.558	0.559	0.502	10.73
91)	T	1,2-Dichlorobe...	1.560	1.699	1.669	1.699	1.612	1.630	1.645	3.33
92)	T	1,2-Dibromo-3-...	0.197	0.208	0.221	0.249	0.257	0.226	0.226	10.22
93)	T	1,2,4-Trichlor...	0.818	0.899	0.942	0.995	1.024	1.123	0.967	10.91
94)	T	Hexachlorobuta...	0.363	0.403	0.391	0.407	0.412	0.439	0.403	6.17
95)	T	Naphthalene	2.119	2.828	3.227	3.403	3.436	3.703	3.120	18.24
96)	T	1,2,3-Trichlor...	0.849	0.922	0.992	1.019	1.022	1.124	0.988	9.51

(#) = Out of Range



R = 2.220e-002 A*A + 2.276e-001 A - 2.772e-003
Coef of Det (r^2) = 0.999991 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X010725W.M
Calibration Table Last Updated: Wed Jan 08 03:57:12 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044596.D
Acq On : 07 Jan 2025 10:06
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:56:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:50:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	171763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	304446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	256598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105249	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	1.166	85	2356	0.948	ug/l	87
3) Chloromethane	1.294	50	2528	1.021	ug/l	90
4) Vinyl Chloride	1.374	62	2161	0.930	ug/l	98
6) Chloroethane	1.666	64	1657	1.343	ug/l #	84
7) Trichlorofluoromethane	1.873	101	3373	0.975	ug/l	85
8) Diethyl Ether	2.136	74	1388	1.136	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	1913m	0.964	ug/l	
12) 1,1-Dichloroethene	2.312	96	1851	0.963	ug/l	89
14) Allyl chloride	2.654	41	2973	0.930	ug/l	96
15) Acrylonitrile	3.068	53	4546	4.629	ug/l	99
16) Acetone	2.386	43	5331	6.107	ug/l #	75
17) Carbon Disulfide	2.508	76	3121	0.785	ug/l	96
18) Methyl Acetate	2.697	43	2652	1.029	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	6074	0.922	ug/l	96
20) Methylene Chloride	2.788	84	2360	1.060	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	1904	0.965	ug/l #	76
22) Diisopropyl ether	3.763	45	5870	0.894	ug/l #	57
23) Vinyl Acetate	3.727	43	20280	3.818	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3494	0.913	ug/l #	86
25) 2-Butanone	4.593	43	5065	4.020	ug/l	91
26) 2,2-Dichloropropane	4.471	77	3241	0.979	ug/l	81
27) cis-1,2-Dichloroethene	4.483	96	2066	0.859	ug/l	90
28) Bromochloromethane	4.891	49	1791	1.005	ug/l #	88
29) Tetrahydrofuran	5.019	42	4263	4.941	ug/l	98
30) Chloroform	5.092	83	3923	0.951	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2914	0.839	ug/l #	46
36) 1,1-Dichloropropene	5.696	75	2395	0.887	ug/l #	86
37) Ethyl Acetate	4.739	43	2519m	0.912	ug/l	
38) Carbon Tetrachloride	5.659	117	2842	0.949	ug/l #	74
39) Methylcyclohexane	7.373	83	3120	0.906	ug/l #	81
40) Benzene	6.043	78	7861	0.925	ug/l #	90
41) Methacrylonitrile	4.934	41	1129m	0.762	ug/l	
42) 1,2-Dichloroethane	6.098	62	2879	0.866	ug/l	92
43) Isopropyl Acetate	6.361	43	4006m	0.879	ug/l	
44) Trichloroethene	7.147	130	2161m	0.995	ug/l	
45) 1,2-Dichloropropane	7.433	63	1913	0.923	ug/l	93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044596.D
Acq On : 07 Jan 2025 10:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 08 02:56:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:50:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	7.580	93	1547	0.960 ug/l	87
47) Bromodichloromethane	7.824	83	2442	0.833 ug/l #	88
48) Methyl methacrylate	7.720	41	1733m	0.798 ug/l	
49) 1,4-Dioxane	7.702	88	483m	15.126 ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	10986	4.125 ug/l	100
52) Toluene	8.720	92	4484	0.874 ug/l	97
53) t-1,3-Dichloropropene	8.994	75	2011	0.717 ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	2591	0.822 ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1876	0.933 ug/l	89
56) Ethyl methacrylate	9.128	69	2131	0.729 ug/l #	84
57) 1,3-Dichloropropane	9.311	76	2823	0.836 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	6102	4.210 ug/l	96
59) 2-Hexanone	9.445	43	7059	3.748 ug/l	92
60) Dibromochloromethane	9.518	129	1408	0.702 ug/l	78
61) 1,2-Dibromoethane	9.610	107	1717	0.846 ug/l	92
64) Tetrachloroethene	9.269	164	1846	1.018 ug/l	91
65) Chlorobenzene	10.073	112	5014	0.921 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.153	131	1470	0.813 ug/l #	64
67) Ethyl Benzene	10.195	91	7980	0.853 ug/l	98
68) m/p-Xylenes	10.305	106	5317	1.547 ug/l	93
69) o-Xylene	10.640	106	3266	0.942 ug/l	81
70) Styrene	10.659	104	4055	0.731 ug/l	87
71) Bromoform	10.805	173	784	1.277 ug/l #	96
73) Isopropylbenzene	10.963	105	7140	0.916 ug/l	97
74) N-amyl acetate	10.854	43	2332	0.737 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	2410	0.959 ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	2134m	1.011 ug/l	
77) Bromobenzene	11.201	156	1682	0.888 ug/l	95
78) n-propylbenzene	11.305	91	7221	0.822 ug/l	97
79) 2-Chlorotoluene	11.366	91	5802	1.019 ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	5205	0.805 ug/l	97
82) 4-Chlorotoluene	11.457	91	5992	0.936 ug/l	91
83) tert-Butylbenzene	11.713	119	5537	0.860 ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	5545	0.854 ug/l	96
85) sec-Butylbenzene	11.890	105	6591	0.841 ug/l	98
86) p-Isopropyltoluene	12.006	119	5229	0.795 ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	3064	0.894 ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	3710m	1.039 ug/l	
89) n-Butylbenzene	12.335	91	4140	0.745 ug/l	92
90) Hexachloroethane	12.536	117	1044	0.988 ug/l	82
91) 1,2-Dichlorobenzene	12.341	146	3284	0.948 ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	415	0.871 ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1722	0.846 ug/l	90
94) Hexachlorobutadiene	13.719	225	765	0.903 ug/l	92
95) Naphthalene	13.780	128	4461	0.679 ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1788	0.859 ug/l	90

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

ICAL Form

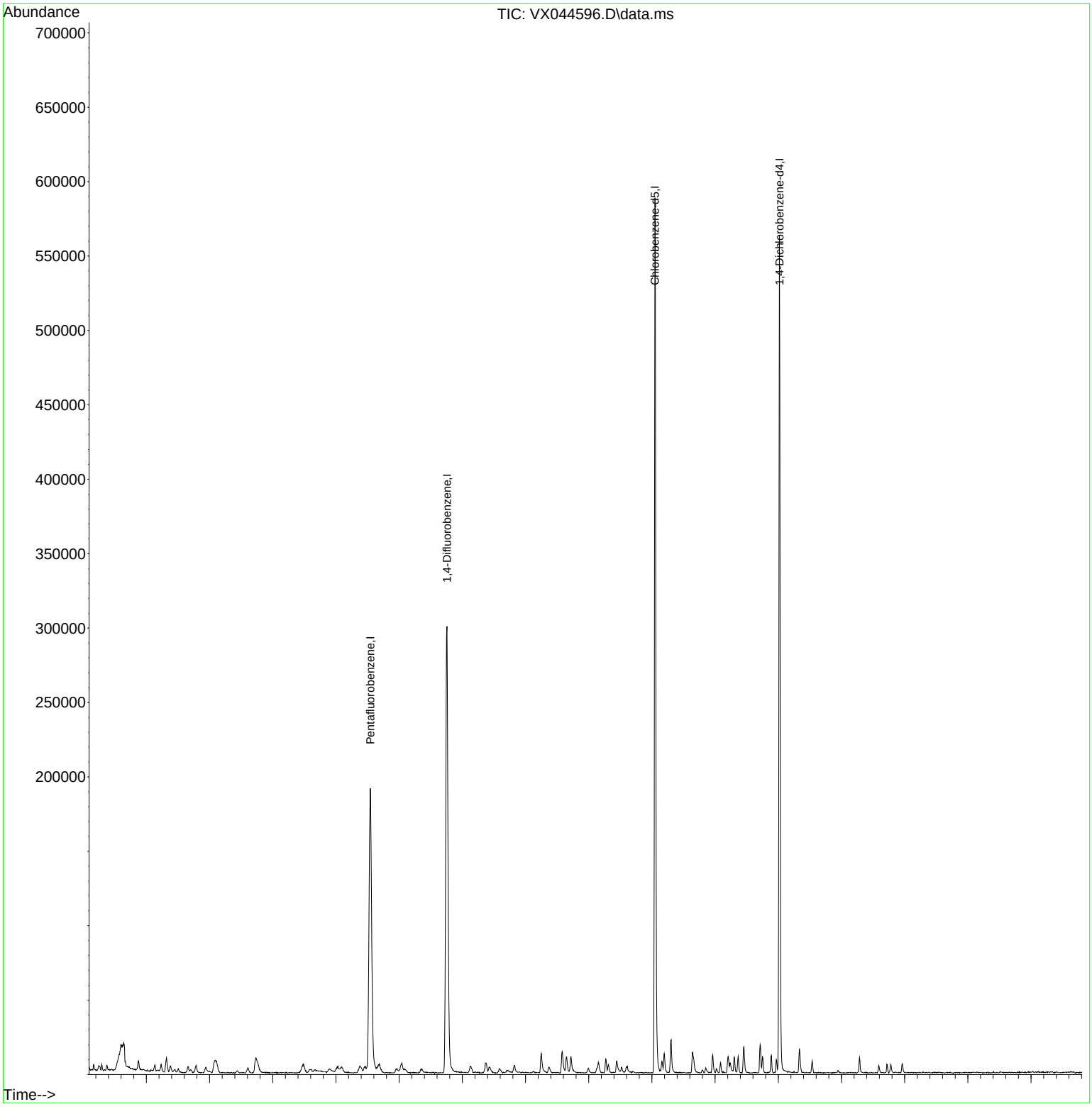
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044596.D
Acq On : 07 Jan 2025 10:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 08 02:56:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:50:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044597.D
Acq On : 07 Jan 2025 10:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 08 02:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	188117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	328814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17286	5.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.400%#			
35) Dibromofluoromethane	5.391	113	11648	5.166	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.340%#			
50) Toluene-d8	8.647	98	39205	5.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.180%#			
62) 4-Bromofluorobenzene	11.079	95	13290	4.889	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.780%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	13312	4.891	ug/l	98
3) Chloromethane	1.294	50	14940	5.508	ug/l	90
4) Vinyl Chloride	1.374	62	13242	5.204	ug/l	92
5) Bromomethane	1.599	94	7148	5.423	ug/l	98
6) Chloroethane	1.666	64	6970	5.160	ug/l	89
7) Trichlorofluoromethane	1.874	101	19516	5.151	ug/l	99
8) Diethyl Ether	2.130	74	6099	4.556	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	11029	5.077	ug/l	95
10) Methyl Iodide	2.447	142	15781	5.210	ug/l	91
11) Tert butyl alcohol	3.001	59	10600	28.381	ug/l	99
12) 1,1-Dichloroethene	2.312	96	11046	5.249	ug/l	86
13) Acrolein	2.233	56	12556	25.426	ug/l	99
14) Allyl chloride	2.660	41	17002	4.858	ug/l	92
15) Acrylonitrile	3.068	53	28298	26.307	ug/l	100
16) Acetone	2.380	43	20234	21.165	ug/l	93
17) Carbon Disulfide	2.501	76	19658	4.517	ug/l	99
18) Methyl Acetate	2.703	43	15024	5.325	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	37226	5.162	ug/l	99
20) Methylene Chloride	2.788	84	12356	5.066	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	10897	5.045	ug/l	97
22) Diisopropyl ether	3.757	45	39202	5.449	ug/l #	83
23) Vinyl Acetate	3.721	43	144231	24.790	ug/l	100
24) 1,1-Dichloroethane	3.605	63	22208	5.297	ug/l	99
25) 2-Butanone	4.562	43	36925	26.760	ug/l	95
26) 2,2-Dichloropropane	4.458	77	18007	4.968	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	14357	5.451	ug/l	91
28) Bromochloromethane	4.891	49	10190	5.222	ug/l #	15
29) Tetrahydrofuran	5.007	42	25119	26.583	ug/l	99
30) Chloroform	5.086	83	24763	5.479	ug/l	100
31) Cyclohexane	5.464	56	17152	4.983	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	19887	5.229	ug/l	97
36) 1,1-Dichloropropene	5.684	75	15012	5.149	ug/l #	82
37) Ethyl Acetate	4.721	43	14899	4.999	ug/l	98
38) Carbon Tetrachloride	5.666	117	15014	4.641	ug/l	98
39) Methylcyclohexane	7.373	83	18627	5.007	ug/l	96
40) Benzene	6.031	78	47650	5.191	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044597.D
Acq On : 07 Jan 2025 10:29
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.934	41	8340	5.209 ug/l #	91
42) 1,2-Dichloroethane	6.086	62	19283	5.371 ug/l	100
43) Isopropyl Acetate	6.336	43	24971	5.075 ug/l	98
44) Trichloroethene	7.123	130	11966	5.099 ug/l	91
45) 1,2-Dichloropropane	7.434	63	11185	4.997 ug/l	98
46) Dibromomethane	7.586	93	8827	5.071 ug/l	96
47) Bromodichloromethane	7.818	83	15524	4.901 ug/l	98
48) Methyl methacrylate	7.696	41	11428	4.870 ug/l	95
49) 1,4-Dioxane	7.677	88	3337	96.762 ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	74867	26.029 ug/l	98
52) Toluene	8.720	92	28506	5.147 ug/l	97
53) t-1,3-Dichloropropene	8.982	75	13689	4.521 ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	15789	4.640 ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	11331	5.218 ug/l	97
56) Ethyl methacrylate	9.122	69	14973	4.741 ug/l	97
57) 1,3-Dichloropropane	9.305	76	19219	5.271 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	37113	23.707 ug/l	100
59) 2-Hexanone	9.433	43	51047	25.095 ug/l	98
60) Dibromochloromethane	9.518	129	10022	4.629 ug/l	97
61) 1,2-Dibromoethane	9.610	107	11169	5.093 ug/l	96
64) Tetrachloroethene	9.269	164	10421	5.236 ug/l	90
65) Chlorobenzene	10.079	112	30656	5.132 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	9592	4.834 ug/l	96
67) Ethyl Benzene	10.195	91	52173	5.086 ug/l	97
68) m/p-Xylenes	10.299	106	38109	10.109 ug/l	97
69) o-Xylene	10.640	106	18309	4.812 ug/l	96
70) Styrene	10.659	104	28881	4.745 ug/l	100
71) Bromoform	10.799	173	5635	4.960 ug/l #	98
73) Isopropylbenzene	10.963	105	46634	5.131 ug/l	98
74) N-amyl acetate	10.848	43	18861	5.114 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16194	5.528 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	12940m	5.262 ug/l	
77) Bromobenzene	11.201	156	11951	5.413 ug/l	94
78) n-propylbenzene	11.305	91	53610	5.237 ug/l	99
79) 2-Chlorotoluene	11.366	91	35356	5.330 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40862	5.422 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3211	3.975 ug/l #	82
82) 4-Chlorotoluene	11.457	91	39535	5.298 ug/l	95
83) tert-Butylbenzene	11.713	119	39571	5.274 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	37556	4.961 ug/l	97
85) sec-Butylbenzene	11.890	105	47269	5.173 ug/l	99
86) p-Isopropyltoluene	12.006	119	38691	5.046 ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20352	5.096 ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	21839	5.248 ug/l	95
89) n-Butylbenzene	12.329	91	30630	4.731 ug/l	98
90) Hexachloroethane	12.536	117	5241	4.255 ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	20848	5.165 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2550	4.591 ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	11030	4.650 ug/l	97
94) Hexachlorobutadiene	13.725	225	4946	5.007 ug/l	95
95) Naphthalene	13.774	128	34693	4.533 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11316	4.667 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044597.D
Acq On : 07 Jan 2025 10:29
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 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

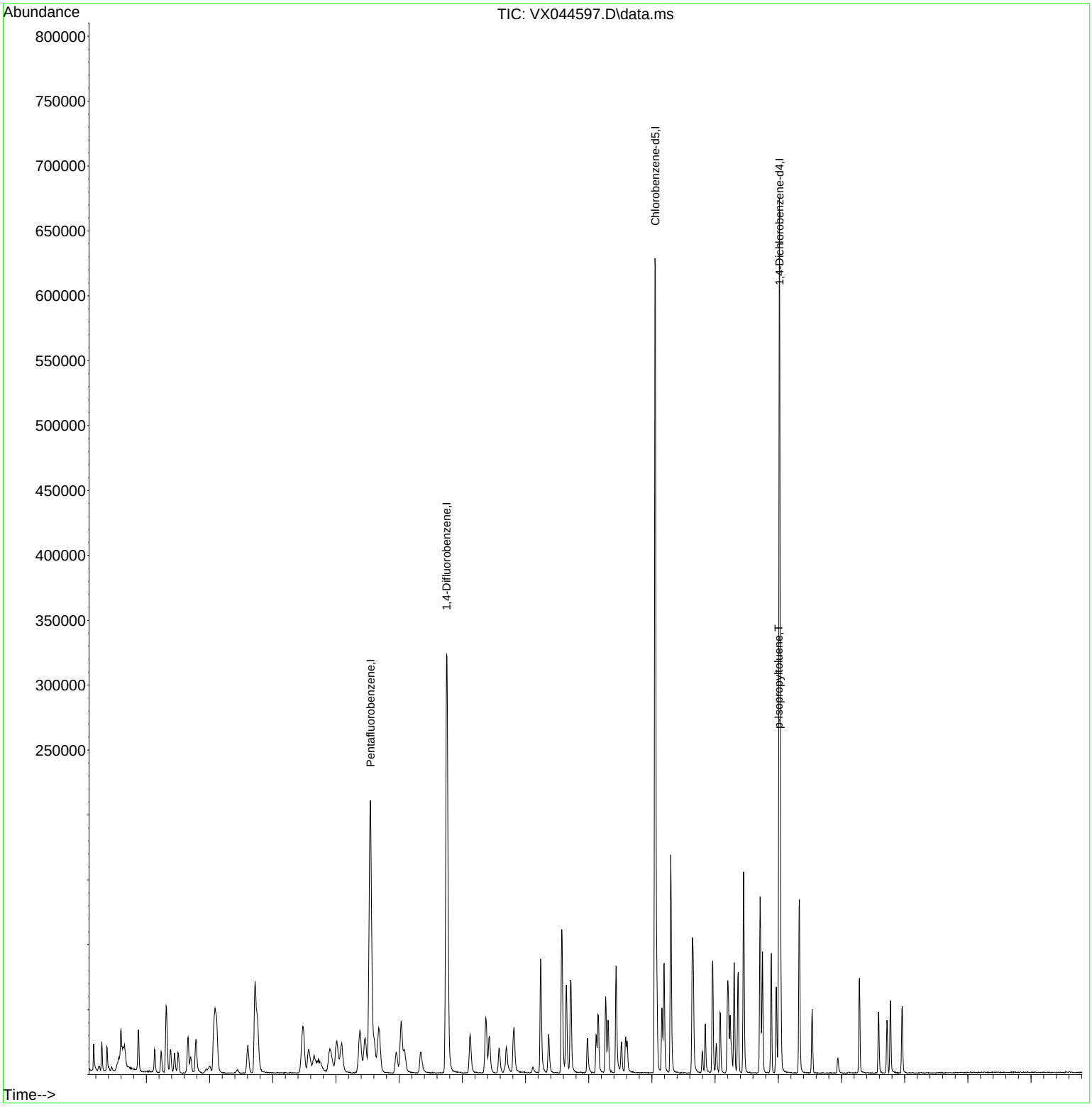
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044597.D
Acq On : 07 Jan 2025 10:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 08 02:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044598.D
Acq On : 07 Jan 2025 10:51
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:28:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	182852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	312202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	273147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62203	21.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.200%#		
35) Dibromofluoromethane	5.379	113	43312	20.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.460%#		
50) Toluene-d8	8.647	98	151532	20.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.440%#		
62) 4-Bromofluorobenzene	11.079	95	51959	20.131	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.260%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52176	19.721	ug/l	99
3) Chloromethane	1.294	50	53813	20.411	ug/l	95
4) Vinyl Chloride	1.374	62	50882	20.572	ug/l	100
5) Bromomethane	1.599	94	26588	20.753	ug/l	99
6) Chloroethane	1.666	64	27162	20.687	ug/l	100
7) Trichlorofluoromethane	1.873	101	72487	19.683	ug/l	98
8) Diethyl Ether	2.130	74	28020	21.533	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	42666	20.206	ug/l	99
10) Methyl Iodide	2.447	142	58125	19.741	ug/l	99
11) Tert butyl alcohol	2.995	59	35287	97.199	ug/l	99
12) 1,1-Dichloroethene	2.312	96	40189	19.647	ug/l	92
13) Acrolein	2.233	56	46887	97.681	ug/l	100
14) Allyl chloride	2.660	41	69790	20.514	ug/l	99
15) Acrylonitrile	3.062	53	109174	104.416	ug/l	99
16) Acetone	2.380	43	98646	106.158	ug/l	98
17) Carbon Disulfide	2.501	76	77403	18.299	ug/l	99
18) Methyl Acetate	2.703	43	55761	20.331	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	143696	20.498	ug/l	97
20) Methylene Chloride	2.782	84	48372	20.404	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	42447	20.218	ug/l	94
22) Diisopropyl ether	3.757	45	148218	21.193	ug/l	96
23) Vinyl Acetate	3.715	43	611827	108.186	ug/l	100
24) 1,1-Dichloroethane	3.605	63	85657	21.020	ug/l	97
25) 2-Butanone	4.562	43	147205	109.752	ug/l	95
26) 2,2-Dichloropropane	4.464	77	72557	20.594	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	52269	20.418	ug/l	99
28) Bromochloromethane	4.891	49	40221	21.204	ug/l	96
29) Tetrahydrofuran	5.001	42	96792	105.382	ug/l	98
30) Chloroform	5.086	83	92017	20.946	ug/l	99
31) Cyclohexane	5.464	56	69453	20.758	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	76888	20.797	ug/l	99
36) 1,1-Dichloropropene	5.690	75	57525	20.780	ug/l	99
37) Ethyl Acetate	4.708	43	61814	21.845	ug/l	99
38) Carbon Tetrachloride	5.665	117	61261	19.945	ug/l	99
39) Methylcyclohexane	7.372	83	71421	20.220	ug/l	98
40) Benzene	6.031	78	182735	20.965	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044598.D
Acq On : 07 Jan 2025 10:51
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:28:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	33545	22.068	ug/l		98
42) 1,2-Dichloroethane	6.080	62	75362	22.109	ug/l		100
43) Isopropyl Acetate	6.342	43	99627	21.325	ug/l		100
44) Trichloroethene	7.116	130	44753	20.086	ug/l		99
45) 1,2-Dichloropropane	7.427	63	45374	21.352	ug/l		94
46) Dibromomethane	7.580	93	34533	20.895	ug/l		98
47) Bromodichloromethane	7.818	83	62867	20.903	ug/l		94
48) Methyl methacrylate	7.690	41	48354	21.700	ug/l		98
49) 1,4-Dioxane	7.665	88	14556	444.533	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	303467	111.120	ug/l		100
52) Toluene	8.714	92	111872	21.272	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	60752	21.133	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	66510	20.586	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	43622	21.158	ug/l		97
56) Ethyl methacrylate	9.116	69	63170	21.068	ug/l		98
57) 1,3-Dichloropropane	9.305	76	76059	21.969	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	155083	104.333	ug/l		100
59) 2-Hexanone	9.433	43	216998	112.353	ug/l		99
60) Dibromochloromethane	9.518	129	42282	20.568	ug/l		99
61) 1,2-Dibromoethane	9.610	107	44770	21.501	ug/l		96
64) Tetrachloroethene	9.268	164	39569	20.489	ug/l		97
65) Chlorobenzene	10.079	112	118653	20.467	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	39956	20.752	ug/l		99
67) Ethyl Benzene	10.189	91	209710	21.066	ug/l		98
68) m/p-Xylenes	10.299	106	155810	42.593	ug/l		98
69) o-Xylene	10.640	106	76065	20.601	ug/l		99
70) Styrene	10.652	104	126293	21.385	ug/l		99
71) Bromoform	10.799	173	24563	19.617	ug/l	#	95
73) Isopropylbenzene	10.957	105	195554	21.012	ug/l		100
74) N-amyl acetate	10.841	43	79390	21.023	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61645	20.550	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	52133m	20.703	ug/l		
77) Bromobenzene	11.195	156	45702	20.215	ug/l		100
78) n-propylbenzene	11.305	91	220954	21.078	ug/l		100
79) 2-Chlorotoluene	11.360	91	139531	20.541	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	164285	21.290	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	14902	18.014	ug/l		89
82) 4-Chlorotoluene	11.451	91	159459	20.867	ug/l		99
83) tert-Butylbenzene	11.713	119	155984	20.301	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	168552	21.745	ug/l		100
85) sec-Butylbenzene	11.890	105	196607	21.010	ug/l		100
86) p-Isopropyltoluene	12.006	119	164348	20.932	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	84583	20.681	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	83680	19.638	ug/l		97
89) n-Butylbenzene	12.329	91	138330	20.864	ug/l		99
90) Hexachloroethane	12.536	117	22825	18.096	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	83880	20.296	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11101	19.520	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	47350	19.494	ug/l		98
94) Hexachlorobutadiene	13.719	225	19641	19.419	ug/l		97
95) Naphthalene	13.774	128	162161	20.691	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	49865	20.082	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044598.D
Acq On : 07 Jan 2025 10:51
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:28:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 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

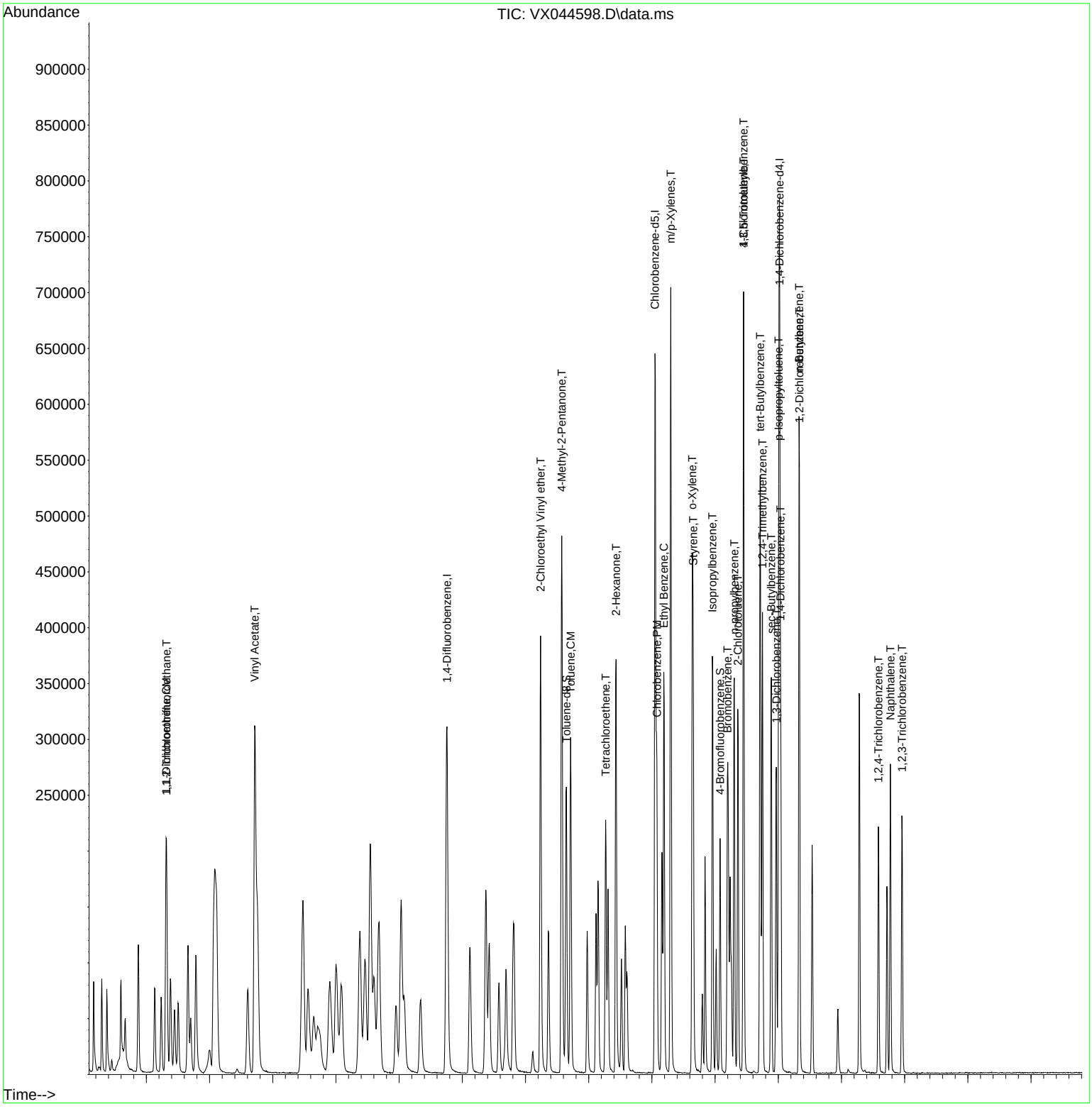
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044598.D
Acq On : 07 Jan 2025 10:51
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 02:28:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044599.D
Acq On : 07 Jan 2025 11:14
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:30:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142022	50.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.360%			
35) Dibromofluoromethane	5.379	113	100169	48.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.647	98	345428	49.357	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.079	95	123925	50.167	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	135433	53.857	ug/l	100
3) Chloromethane	1.294	50	127949	51.059	ug/l	100
4) Vinyl Chloride	1.374	62	123312	52.455	ug/l	100
5) Bromomethane	1.599	94	64161	52.690	ug/l	100
6) Chloroethane	1.666	64	56267	45.086	ug/l	100
7) Trichlorofluoromethane	1.874	101	188382	53.818	ug/l	100
8) Diethyl Ether	2.130	74	60770	49.134	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	102129	50.888	ug/l	100
10) Methyl Iodide	2.447	142	141008	50.386	ug/l	100
11) Tert butyl alcohol	3.008	59	87895	254.724	ug/l	100
12) 1,1-Dichloroethene	2.313	96	97703	50.252	ug/l	100
13) Acrolein	2.233	56	115577	253.331	ug/l	100
14) Allyl chloride	2.660	41	175824	54.375	ug/l	100
15) Acrylonitrile	3.062	53	265554	267.216	ug/l	100
16) Acetone	2.380	43	238611	270.163	ug/l	100
17) Carbon Disulfide	2.508	76	212108	52.759	ug/l	100
18) Methyl Acetate	2.703	43	134854	51.731	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	356440	53.495	ug/l	100
20) Methylene Chloride	2.782	84	114236	50.698	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	100853	50.541	ug/l	100
22) Diisopropyl ether	3.757	45	361827	54.433	ug/l	100
23) Vinyl Acetate	3.715	43	1546132	287.640	ug/l	100
24) 1,1-Dichloroethane	3.605	63	205366	53.022	ug/l	100
25) 2-Butanone	4.556	43	355382	278.769	ug/l	100
26) 2,2-Dichloropropane	4.471	77	175192	52.316	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	127058	52.219	ug/l	100
28) Bromochloromethane	4.891	49	95194	52.799	ug/l	100
29) Tetrahydrofuran	5.001	42	230689	264.250	ug/l	100
30) Chloroform	5.086	83	217765	52.153	ug/l	100
31) Cyclohexane	5.458	56	165559	52.061	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	188854	53.743	ug/l	100
36) 1,1-Dichloropropene	5.690	75	139122	52.511	ug/l	100
37) Ethyl Acetate	4.709	43	146801	54.207	ug/l	100
38) Carbon Tetrachloride	5.672	117	154084	52.418	ug/l	100
39) Methylcyclohexane	7.373	83	173252	51.250	ug/l	100
40) Benzene	6.031	78	432755	51.878	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044599.D
Acq On : 07 Jan 2025 11:14
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:30:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	81440	55.981 ug/l		100
42) 1,2-Dichloroethane	6.080	62	178915	54.843 ug/l		100
43) Isopropyl Acetate	6.336	43	244614	54.708 ug/l		100
44) Trichloroethene	7.117	130	104250	48.889 ug/l		100
45) 1,2-Dichloropropane	7.428	63	108161	53.181 ug/l		100
46) Dibromomethane	7.574	93	82588	52.214 ug/l		100
47) Bromodichloromethane	7.818	83	156703	54.442 ug/l		100
48) Methyl methacrylate	7.690	41	122740	57.554 ug/l		100
49) 1,4-Dioxane	7.665	88	34918	1114.222 ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	733011	280.449 ug/l		100
52) Toluene	8.714	92	262398	52.133 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	155029	56.347 ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	170387	55.104 ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	103084	52.243 ug/l		100
56) Ethyl methacrylate	9.116	69	162744	56.713 ug/l		100
57) 1,3-Dichloropropane	9.305	76	178595	53.900 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	392900	276.185 ug/l		100
59) 2-Hexanone	9.433	43	535861	289.895 ug/l		100
60) Dibromochloromethane	9.519	129	109924	55.871 ug/l		100
61) 1,2-Dibromoethane	9.604	107	104426	52.401 ug/l		100
64) Tetrachloroethene	9.269	164	90002	48.910 ug/l		100
65) Chlorobenzene	10.079	112	283093	51.250 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	96419	52.556 ug/l		100
67) Ethyl Benzene	10.189	91	501840	52.906 ug/l		100
68) m/p-Xylenes	10.299	106	372279	106.805 ug/l		100
69) o-Xylene	10.640	106	181228	51.512 ug/l		100
70) Styrene	10.653	104	309043	54.919 ug/l		100
71) Bromoform	10.799	173	64456	50.124 ug/l	#	100
73) Isopropylbenzene	10.957	105	470691	52.439 ug/l		100
74) N-amyl acetate	10.842	43	207077	56.857 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	152021	52.544 ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	126349m	52.024 ug/l		
77) Bromobenzene	11.195	156	112135	51.427 ug/l		100
78) n-propylbenzene	11.299	91	545301	53.936 ug/l		100
79) 2-Chlorotoluene	11.360	91	337686	51.544 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	400300	53.787 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	43281	54.247 ug/l		100
82) 4-Chlorotoluene	11.451	91	387640	52.596 ug/l		100
83) tert-Butylbenzene	11.713	119	390758	52.730 ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	401606	53.720 ug/l		100
85) sec-Butylbenzene	11.890	105	475025	52.634 ug/l		100
86) p-Isopropyltoluene	12.006	119	408205	53.905 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	204488	51.842 ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	204130	49.670 ug/l		100
89) n-Butylbenzene	12.329	91	354854	55.495 ug/l		100
90) Hexachloroethane	12.536	117	62782	51.608 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	205860	51.646 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30135	54.942 ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	120511	51.442 ug/l		100
94) Hexachlorobutadiene	13.725	225	49357	50.597 ug/l		100
95) Naphthalene	13.774	128	412247	54.539 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	123494	51.567 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044599.D
Acq On : 07 Jan 2025 11:14
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:30:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 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

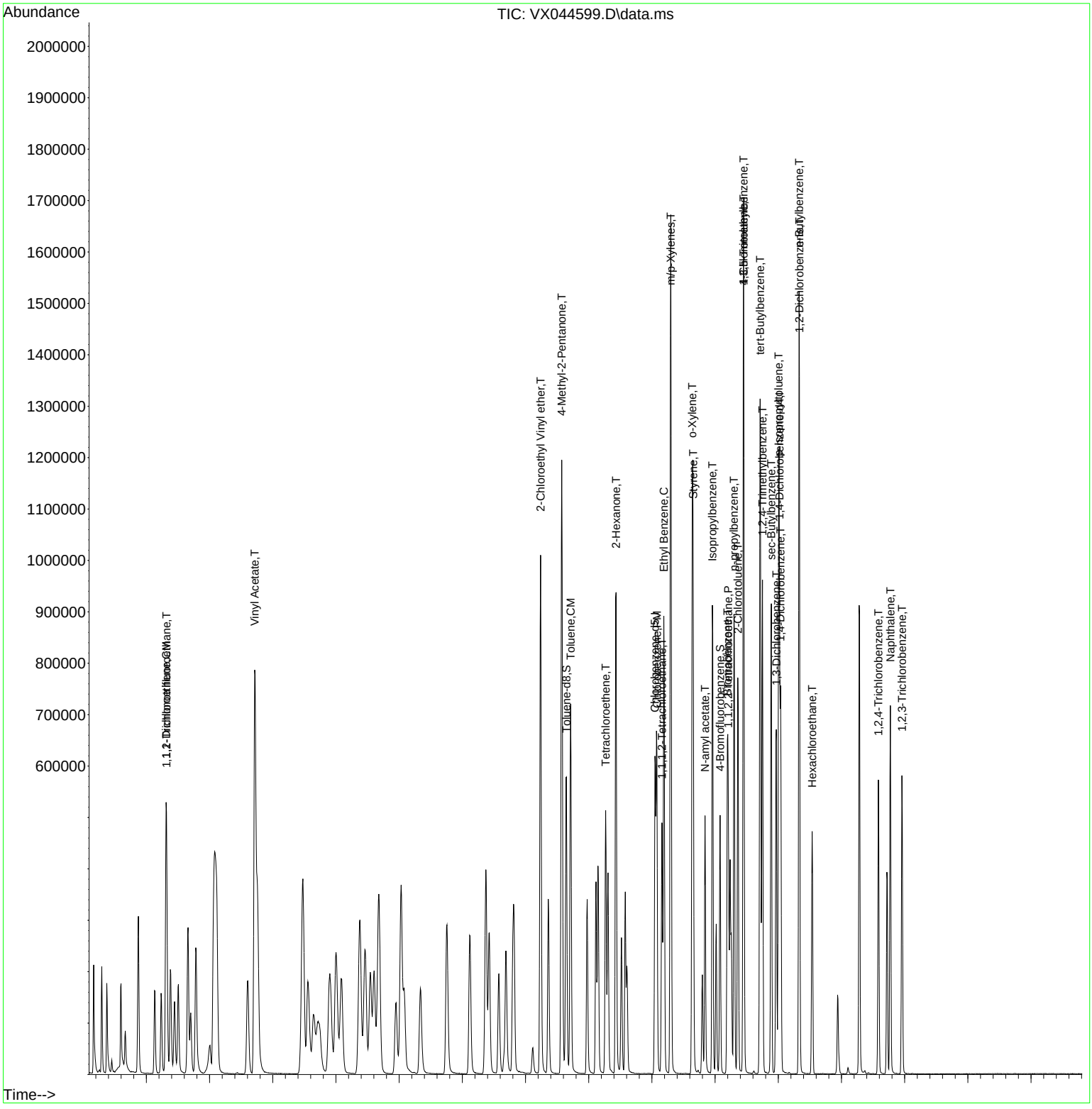
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044599.D
Acq On : 07 Jan 2025 11:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 02:30:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044600.D
Acq On : 07 Jan 2025 11:37
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	182288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	310906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	267228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	298512	101.563	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 203.120%#			
35) Dibromofluoromethane	5.379	113	216660	101.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.260%#			
50) Toluene-d8	8.647	98	736918	101.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.380%#			
62) 4-Bromofluorobenzene	11.079	95	268349	104.402	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 208.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	281621	106.773	ug/l	97
3) Chloromethane	1.294	50	256122	97.445	ug/l	99
4) Vinyl Chloride	1.374	62	253719	102.900	ug/l	100
5) Bromomethane	1.599	94	134602	105.387	ug/l	100
6) Chloroethane	1.666	64	140929	107.665	ug/l	100
7) Trichlorofluoromethane	1.874	101	398258	108.476	ug/l	96
8) Diethyl Ether	2.130	74	137508	105.999	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	217440	103.297	ug/l	100
10) Methyl Iodide	2.447	142	288793	98.385	ug/l	99
11) Tert butyl alcohol	2.995	59	186586	515.545	ug/l	100
12) 1,1-Dichloroethene	2.313	96	206051	101.042	ug/l	97
13) Acrolein	2.233	56	258524	540.255	ug/l	99
14) Allyl chloride	2.660	41	371559	109.554	ug/l	99
15) Acrylonitrile	3.062	53	537482	515.650	ug/l	99
16) Acetone	2.380	43	479188	517.276	ug/l	100
17) Carbon Disulfide	2.508	76	494332	117.230	ug/l	100
18) Methyl Acetate	2.703	43	282139	103.188	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	733689	104.984	ug/l	100
20) Methylene Chloride	2.782	84	229290	97.019	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	214461	102.468	ug/l	95
22) Diisopropyl ether	3.757	45	736946	105.701	ug/l	95
23) Vinyl Acetate	3.715	43	3263158	578.791	ug/l	100
24) 1,1-Dichloroethane	3.605	63	421306	103.707	ug/l	99
25) 2-Butanone	4.556	43	727090	543.775	ug/l	98
26) 2,2-Dichloropropane	4.471	77	373500	106.339	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	259280	101.596	ug/l	99
28) Bromochloromethane	4.891	49	192580	101.838	ug/l	96
29) Tetrahydrofuran	5.001	42	477636	521.636	ug/l	98
30) Chloroform	5.086	83	441057	100.708	ug/l	99
31) Cyclohexane	5.458	56	343501	102.984	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	395161	107.215	ug/l	100
36) 1,1-Dichloropropene	5.684	75	288443	104.631	ug/l	100
37) Ethyl Acetate	4.708	43	305727	108.495	ug/l	99
38) Carbon Tetrachloride	5.672	117	332090	108.573	ug/l	97
39) Methylcyclohexane	7.373	83	368363	104.721	ug/l	99
40) Benzene	6.031	78	870111	100.244	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044600.D
Acq On : 07 Jan 2025 11:37
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	172379	113.877 ug/l	97
42) 1,2-Dichloroethane	6.080	62	358563	105.631 ug/l	100
43) Isopropyl Acetate	6.336	43	511813	110.008 ug/l	99
44) Trichloroethene	7.123	130	219638	98.990 ug/l	99
45) 1,2-Dichloropropane	7.421	63	219320	103.636 ug/l	100
46) Dibromomethane	7.574	93	166973	101.452 ug/l	99
47) Bromodichloromethane	7.818	83	329340	109.962 ug/l	99
48) Methyl methacrylate	7.690	41	251364	113.277 ug/l	98
49) 1,4-Dioxane	7.665	88	66197	2030.048 ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1483866	545.612 ug/l	100
52) Toluene	8.714	92	537927	102.712 ug/l	95
53) t-1,3-Dichloropropene	8.976	75	334122	116.711 ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	357294	111.049 ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	202789	98.770 ug/l	98
56) Ethyl methacrylate	9.116	69	336196	112.594 ug/l	99
57) 1,3-Dichloropropane	9.305	76	351820	102.044 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	820346	554.192 ug/l	99
59) 2-Hexanone	9.427	43	1082252	562.682 ug/l	99
60) Dibromochloromethane	9.519	129	230891	112.783 ug/l	99
61) 1,2-Dibromoethane	9.604	107	213851	103.131 ug/l	98
64) Tetrachloroethene	9.269	164	180662	95.619 ug/l	97
65) Chlorobenzene	10.073	112	567868	100.126 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	202443	107.471 ug/l	99
67) Ethyl Benzene	10.189	91	1012626	103.973 ug/l	98
68) m/p-Xylenes	10.299	106	759829	212.310 ug/l	98
69) o-Xylene	10.640	106	370442	102.549 ug/l	99
70) Styrene	10.653	104	631408	109.281 ug/l	100
71) Bromoform	10.799	173	144682	100.045 ug/l #	99
73) Isopropylbenzene	10.957	105	962130	100.962 ug/l	100
74) N-amyl acetate	10.842	43	448832	116.075 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	300014	97.671 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	256224m	99.370 ug/l	
77) Bromobenzene	11.195	156	229880	99.301 ug/l	99
78) n-propylbenzene	11.305	91	1123872	104.704 ug/l	99
79) 2-Chlorotoluene	11.360	91	676433	97.250 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	812896	102.880 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	96267	113.646 ug/l	98
82) 4-Chlorotoluene	11.451	91	788178	100.727 ug/l	99
83) tert-Butylbenzene	11.713	119	802790	102.037 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	810865	102.161 ug/l	100
85) sec-Butylbenzene	11.890	105	988328	103.145 ug/l	100
86) p-Isopropyltoluene	12.006	119	848479	105.534 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	419032	100.060 ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	421191	96.532 ug/l	99
89) n-Butylbenzene	12.329	91	765855	112.811 ug/l	99
90) Hexachloroethane	12.536	117	143461	111.076 ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	414572	97.964 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	66164	113.620 ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	263479	105.934 ug/l	100
94) Hexachlorobutadiene	13.725	225	105982	102.333 ug/l	99
95) Naphthalene	13.774	128	884039	110.159 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	262997	103.439 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044600.D
Acq On : 07 Jan 2025 11:37
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 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

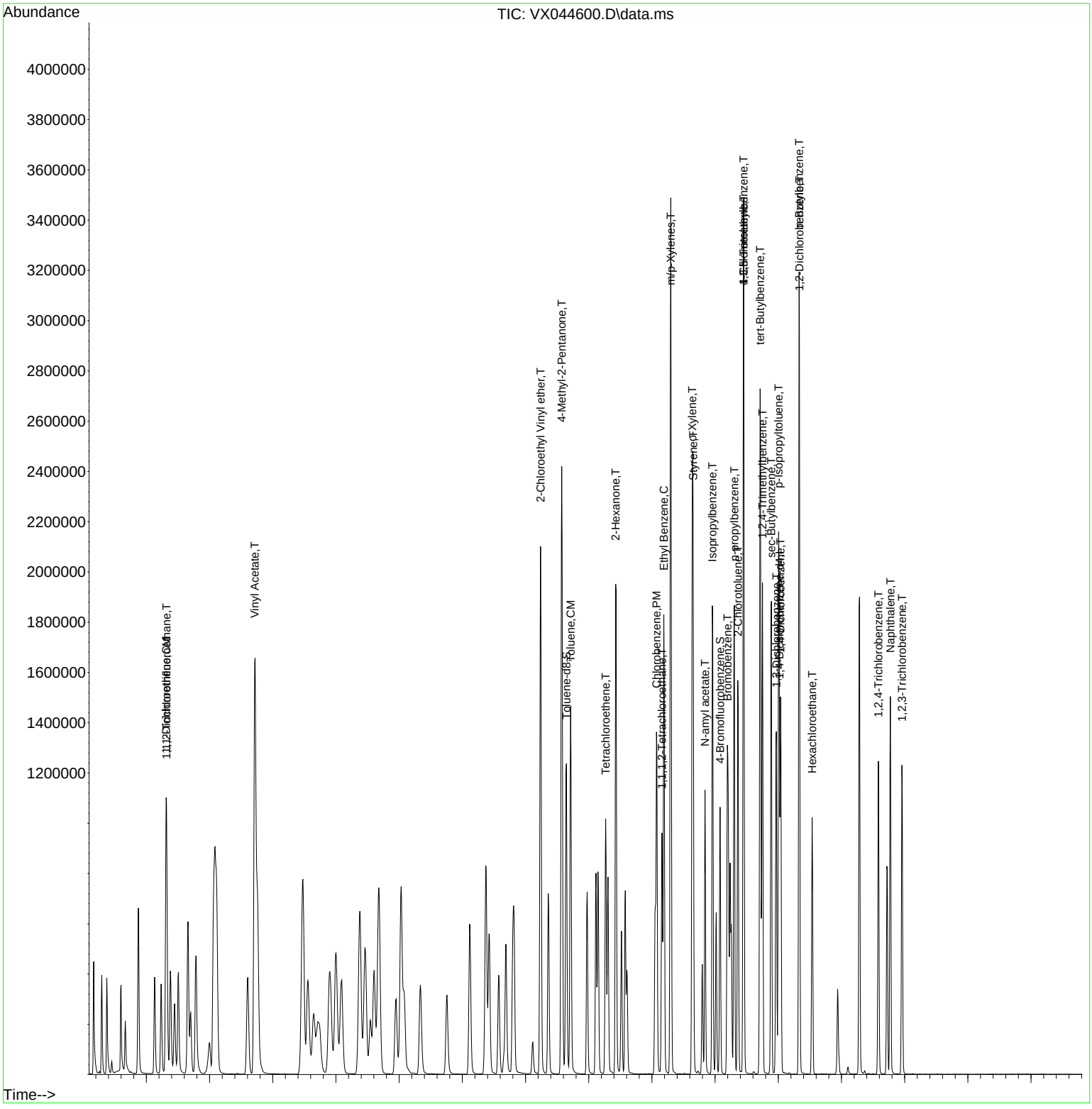
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044600.D
Acq On : 07 Jan 2025 11:37
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 02:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044601.D
Acq On : 07 Jan 2025 12:00
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	193833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	363804	116.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 232.820%#			
35) Dibromofluoromethane	5.379	113	318562	144.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 288.340%#			
50) Toluene-d8	8.647	98	1071800	142.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 284.020%#			
62) 4-Bromofluorobenzene	11.079	95	386929	145.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 290.500%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	396696	141.444	ug/l	99
3) Chloromethane	1.295	50	361151	129.221	ug/l	100
4) Vinyl Chloride	1.374	62	362740	138.352	ug/l	98
5) Bromomethane	1.599	94	156875	115.510	ug/l	99
7) Trichlorofluoromethane	1.868	101	497464	127.427	ug/l	97
8) Diethyl Ether	2.130	74	172572	125.105	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	322006	143.860	ug/l	94
10) Methyl Iodide	2.447	142	458572	146.920	ug/l	91
11) Tert butyl alcohol	3.020	59	243259	632.101	ug/l	99
12) 1,1-Dichloroethene	2.313	96	321732	148.372	ug/l #	80
13) Acrolein	2.233	56	348160	684.238	ug/l	98
14) Allyl chloride	2.654	41	481127	133.411	ug/l #	87
15) Acrylonitrile	3.069	53	729569	658.245	ug/l	98
16) Acetone	2.386	43	557867	566.340	ug/l #	89
17) Carbon Disulfide	2.502	76	785944	175.284	ug/l	99
18) Methyl Acetate	2.703	43	358794	123.407	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1003928	135.096	ug/l	99
20) Methylene Chloride	2.782	84	347783	138.392	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	326842	146.862	ug/l	87
22) Diisopropyl ether	3.758	45	902333	121.714	ug/l	95
23) Vinyl Acetate	3.721	43	3843854	641.181	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	569743	131.892	ug/l	99
25) 2-Butanone	4.562	43	880207	619.080	ug/l	91
26) 2,2-Dichloropropane	4.465	77	497336	133.162	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	394578	145.402	ug/l	89
28) Bromochloromethane	4.891	49	246126	122.401	ug/l #	74
29) Tetrahydrofuran	5.001	42	580089	595.793	ug/l	91
30) Chloroform	5.087	83	598049	128.421	ug/l	99
31) Cyclohexane	5.458	56	475840	134.163	ug/l	85
32) 1,1,1-Trichloroethane	5.373	97	545752	139.254	ug/l	95
36) 1,1-Dichloropropene	5.684	75	406061	142.120	ug/l	96
37) Ethyl Acetate	4.715	43	363828	124.576	ug/l #	94
38) Carbon Tetrachloride	5.666	117	471467	148.724	ug/l	100
39) Methylcyclohexane	7.373	83	552098	151.439	ug/l	91
40) Benzene	6.032	78	1280226	142.310	ug/l	99
41) Methacrylonitrile	4.922	41	196413	125.194	ug/l	90

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044601.D
Acq On : 07 Jan 2025 12:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 02:31:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 1,2-Dichloroethane	6.080	62	422697	120.148 ug/l		93
43) Isopropyl Acetate	6.336	43	611339	126.783 ug/l	#	92
44) Trichloroethene	7.123	130	349611	152.030 ug/l		94
45) 1,2-Dichloropropane	7.428	63	299322	136.469 ug/l		97
46) Dibromomethane	7.574	93	235994	138.350 ug/l		93
47) Bromodichloromethane	7.818	83	443978	143.029 ug/l		99
48) Methyl methacrylate	7.690	41	296575	128.954 ug/l		88
49) 1,4-Dioxane	7.665	88	104987	3106.467 ug/l	#	91
51) 4-Methyl-2-Pentanone	8.574	43	1711444	607.176 ug/l		92
52) Toluene	8.714	92	784020	144.441 ug/l		95
53) t-1,3-Dichloropropene	8.976	75	457387	154.153 ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	504071	151.162 ug/l	#	87
55) 1,1,2-Trichloroethane	9.147	97	297735	139.918 ug/l		96
56) Ethyl methacrylate	9.116	69	468501	151.390 ug/l	#	84
57) 1,3-Dichloropropane	9.305	76	489228	136.912 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	1096941	715.006 ug/l		91
59) 2-Hexanone	9.433	43	1253079	628.603 ug/l		88
60) Dibromochloromethane	9.519	129	349531	164.735 ug/l		100
61) 1,2-Dibromoethane	9.604	107	316369	147.210 ug/l		99
64) Tetrachloroethene	9.269	164	281910	146.458 ug/l		98
65) Chlorobenzene	10.073	112	869620	150.505 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	304267	158.550 ug/l		99
67) Ethyl Benzene	10.189	91	1456186	146.761 ug/l		96
68) m/p-Xylenes	10.299	106	1116860	306.320 ug/l		92
69) o-Xylene	10.640	106	557711	151.545 ug/l		89
70) Styrene	10.653	104	935547	158.937 ug/l		95
71) Bromoform	10.799	173	239442	149.977 ug/l	#	98
73) Isopropylbenzene	10.957	105	1414616	142.367 ug/l		98
74) N-amyl acetate	10.842	43	538859	133.652 ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.214	83	423014	132.076 ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	349569m	130.022 ug/l		
77) Bromobenzene	11.195	156	361039	149.574 ug/l		89
78) n-propylbenzene	11.305	91	1596196	142.620 ug/l		96
79) 2-Chlorotoluene	11.360	91	961904	132.631 ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	1163357	141.208 ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	143479	162.448 ug/l	#	82
82) 4-Chlorotoluene	11.451	91	1104003	135.314 ug/l		94
83) tert-Butylbenzene	11.713	119	1224555	149.273 ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	1205026	145.607 ug/l		97
85) sec-Butylbenzene	11.890	105	1483948	148.531 ug/l		99
86) p-Isopropyltoluene	12.006	119	1277498	152.392 ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	664944	152.281 ug/l		98
88) 1,4-Dichlorobenzene	12.037	146	662357	145.590 ug/l		98
89) n-Butylbenzene	12.329	91	1090816	154.101 ug/l		96
90) Hexachloroethane	12.536	117	224919	167.017 ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	656010	148.671 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	91050	149.956 ug/l		76
93) 1,2,4-Trichlorobenzene	13.585	180	451648	174.156 ug/l		99
94) Hexachlorobutadiene	13.725	225	176486	163.433 ug/l		99
95) Naphthalene	13.774	128	1490078	178.076 ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	452293	170.608 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044601.D
Acq On : 07 Jan 2025 12:00
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 :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 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

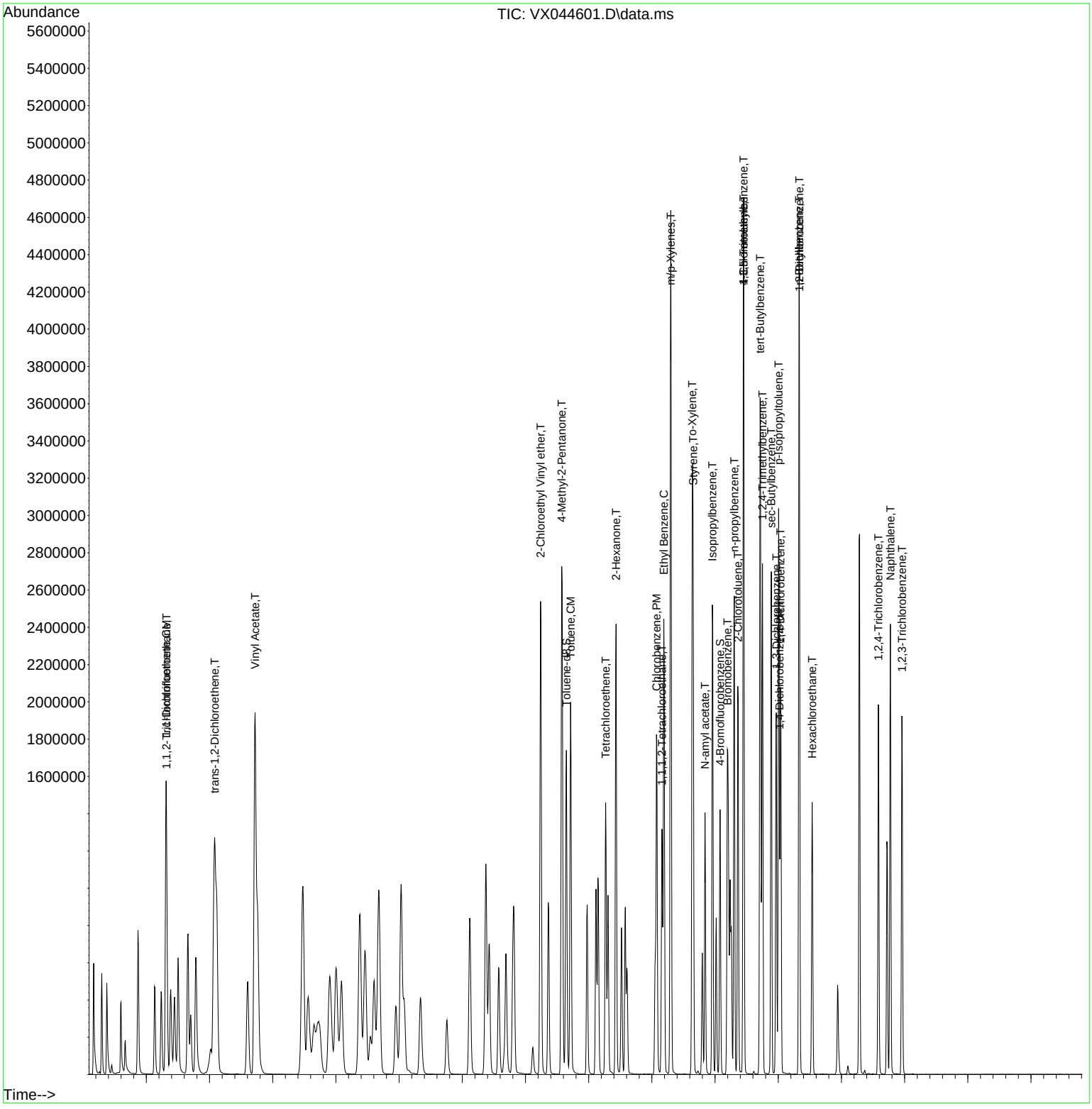
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044601.D
Acq On : 07 Jan 2025 12:00
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 02:31:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	189622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	150566	49.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.500%			
35) Dibromofluoromethane	5.373	113	107656	49.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.641	98	367621	49.585	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	150542	57.528	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	137239	50.020	ug/l	98
3) Chloromethane	1.294	50	119576	43.735	ug/l	100
4) Vinyl Chloride	1.374	62	119359	46.536	ug/l	96
5) Bromomethane	1.599	94	65604	49.378	ug/l	98
6) Chloroethane	1.666	64	70231	47.863	ug/l	93
7) Trichlorofluoromethane	1.874	101	201266	52.700	ug/l	99
8) Diethyl Ether	2.130	74	73413	54.402	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	110421	50.428	ug/l	99
10) Methyl Iodide	2.447	142	139874	45.809	ug/l	98
11) Tert butyl alcohol	2.983	59	95337	253.232	ug/l	100
12) 1,1-Dichloroethene	2.313	96	98796	46.573	ug/l	96
13) Acrolein	2.233	56	124124	249.358	ug/l	99
14) Allyl chloride	2.654	41	176735	50.095	ug/l	98
15) Acrylonitrile	3.056	53	276827	255.311	ug/l	99
16) Acetone	2.380	43	260807	270.648	ug/l	100
17) Carbon Disulfide	2.502	76	227180	51.792	ug/l	99
18) Methyl Acetate	2.697	43	146236	51.415	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	365335	50.254	ug/l	98
20) Methylene Chloride	2.782	84	111866	45.503	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	104553	48.023	ug/l	94
22) Diisopropyl ether	3.757	45	360215	49.668	ug/l	93
23) Vinyl Acetate	3.715	43	1599276	272.695	ug/l	100
24) 1,1-Dichloroethane	3.599	63	203388	48.129	ug/l	99
25) 2-Butanone	4.550	43	387604	278.669	ug/l	98
26) 2,2-Dichloropropane	4.471	77	188592	51.617	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	124341	46.837	ug/l	98
28) Bromochloromethane	4.885	49	100146	50.910	ug/l	96
29) Tetrahydrofuran	5.001	42	245915	258.181	ug/l	99
30) Chloroform	5.080	83	215072	47.209	ug/l	99
31) Cyclohexane	5.458	56	172928	49.840	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	196434	51.235	ug/l	99
36) 1,1-Dichloropropene	5.684	75	141163	50.296	ug/l	99
37) Ethyl Acetate	4.702	43	159354	55.503	ug/l	99
38) Carbon Tetrachloride	5.666	117	162259	52.106	ug/l	95
39) Methylcyclohexane	7.373	83	184835	51.612	ug/l	98
40) Benzene	6.025	78	423783	47.956	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.910	41	86868	56.367 ug/l		98
42) 1,2-Dichloroethane	6.074	62	178591	51.677 ug/l		99
43) Isopropyl Acetate	6.330	43	260884	55.077 ug/l		100
44) Trichloroethene	7.117	130	105105	46.528 ug/l		99
45) 1,2-Dichloropropane	7.421	63	104909	48.692 ug/l		96
46) Dibromomethane	7.574	93	82661	49.332 ug/l		99
47) Bromodichloromethane	7.818	83	157989	51.813 ug/l		98
48) Methyl methacrylate	7.690	41	129253	57.212 ug/l		97
49) 1,4-Dioxane	7.659	88	34995	1054.109 ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	781060	282.088 ug/l		99
52) Toluene	8.714	92	266026	49.893 ug/l		96
53) t-1,3-Dichloropropene	8.976	75	161793	55.511 ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	174299	53.210 ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	101873	48.736 ug/l		96
56) Ethyl methacrylate	9.110	69	166968	54.925 ug/l		97
57) 1,3-Dichloropropane	9.305	76	179394	51.108 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	388986	258.112 ug/l		99
59) 2-Hexanone	9.427	43	572995	292.615 ug/l		99
60) Dibromochloromethane	9.519	129	114110	54.749 ug/l		98
61) 1,2-Dibromoethane	9.604	107	108755	51.516 ug/l		97
64) Tetrachloroethene	9.269	164	92504	48.035 ug/l		99
65) Chlorobenzene	10.073	112	284281	49.177 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	99668	51.911 ug/l		97
67) Ethyl Benzene	10.189	91	508409	51.215 ug/l		99
68) m/p-Xylenes	10.299	106	375022	102.808 ug/l		99
69) o-Xylene	10.640	106	182474	49.559 ug/l		99
70) Styrene	10.653	104	308264	52.345 ug/l		99
71) Bromoform	10.799	173	68778	51.015 ug/l	#	99
73) Isopropylbenzene	10.957	105	548529	51.780 ug/l		99
74) N-amyl acetate	10.842	43	222407	51.742 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	172209	50.433 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	147424m	51.433 ug/l		
77) Bromobenzene	11.195	156	129350	50.264 ug/l		97
78) n-propylbenzene	11.299	91	619242	51.897 ug/l		98
79) 2-Chlorotoluene	11.360	91	372370	48.159 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	448527	51.065 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	52615	55.876 ug/l		95
82) 4-Chlorotoluene	11.451	91	425096	48.871 ug/l		99
83) tert-Butylbenzene	11.713	119	456871	52.238 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	458866	52.007 ug/l		99
85) sec-Butylbenzene	11.890	105	557449	52.335 ug/l		100
86) p-Isopropyltoluene	12.006	119	471864	52.797 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	234785	50.434 ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	232239	47.881 ug/l		99
89) n-Butylbenzene	12.329	91	401929	53.259 ug/l		98
90) Hexachloroethane	12.536	117	74415	51.831 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	228094	48.487 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35205	54.385 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	141302	51.107 ug/l		98
94) Hexachlorobutadiene	13.725	225	60585	52.624 ug/l		99
95) Naphthalene	13.774	128	505215	56.632 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	137582	48.678 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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

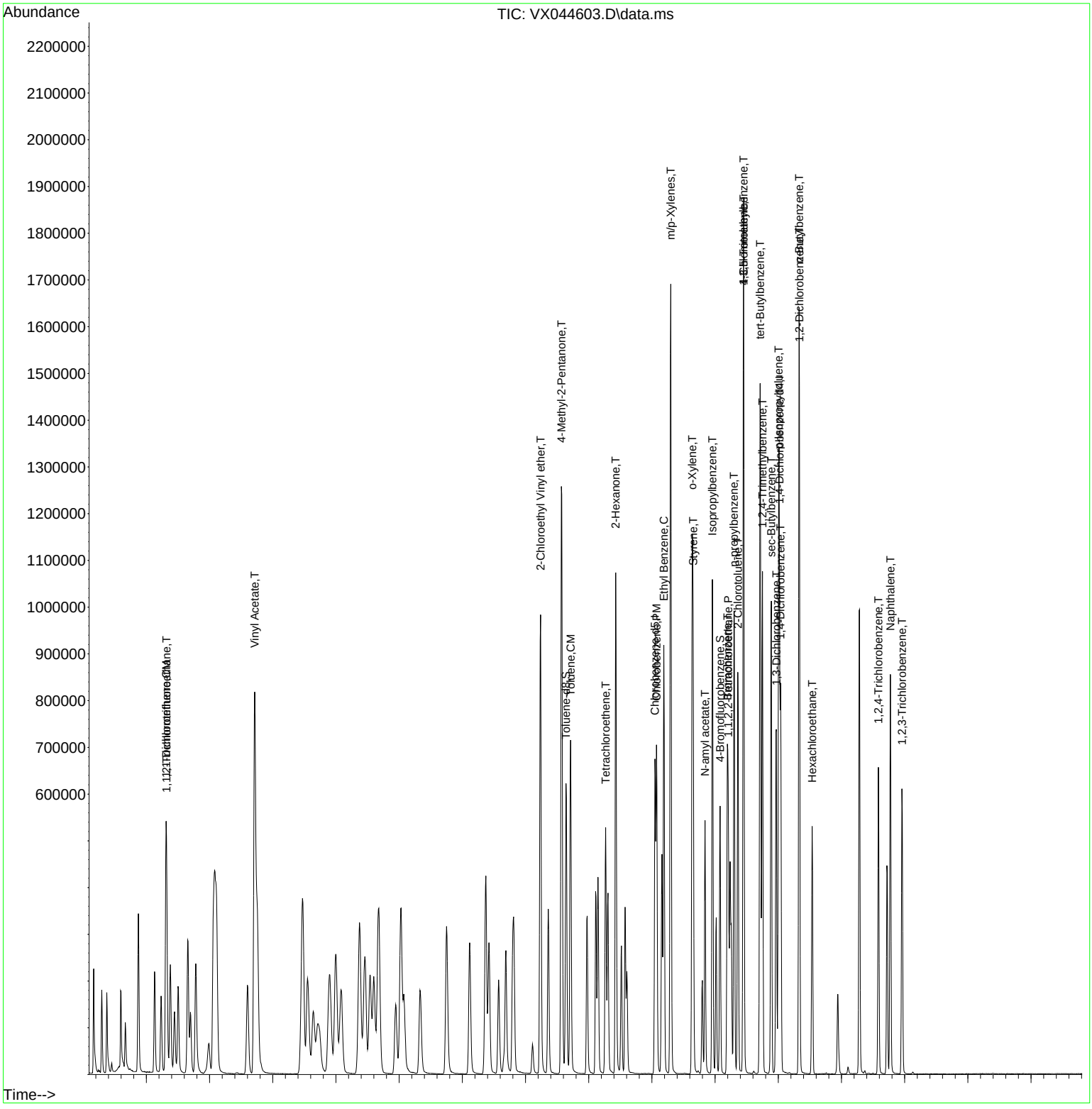
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	109	0.00
2	T	Dichlorodifluoromethane	0.723	0.724	-0.1	101	0.00
3	P	Chloromethane	0.721	0.631	12.5	93	0.00
4	C	Vinyl Chloride	0.676	0.629	7.0#	97	0.00
5	T	Bromomethane	0.350	0.346	1.1	102	0.00
6	T	Chloroethane	0.387	0.370	4.4	125	0.00
7	T	Trichlorofluoromethane	1.007	1.061	-5.4	107	0.00
8	T	Diethyl Ether	0.356	0.387	-8.7	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.577	0.582	-0.9	108	0.00
10	T	Methyl Iodide	0.805	0.738	8.3	99	0.00
11	T	Tert butyl alcohol	0.099	0.101	-2.0	108	-0.02
12	CM	1,1-Dichloroethene	0.559	0.521	6.8#	101	0.00
13	T	Acrolein	0.131	0.131	0.0	107	0.00
14	T	Allyl chloride	0.930	0.932	-0.2	101	0.00
15	T	Acrylonitrile	0.286	0.292	-2.1	104	0.00
16	T	Acetone	0.254	0.275	-8.3	109	0.00
17	T	Carbon Disulfide	1.157	1.198	-3.5	107	0.00
18	T	Methyl Acetate	0.750	0.771	-2.8	108	0.00
19	T	Methyl tert-butyl Ether	1.917	1.927	-0.5	102	0.00
20	T	Methylene Chloride	0.648	0.590	9.0	98	0.00
21	T	trans-1,2-Dichloroethene	0.574	0.551	4.0	104	0.00
22	T	Diisopropyl ether	1.912	1.900	0.6	100	0.00
23	T	Vinyl Acetate	1.546	1.687	-9.1	103	0.00
24	P	1,1-Dichloroethane	1.114	1.073	3.7	99	0.00
25	T	2-Butanone	0.367	0.409	-11.4	109	0.00
26	T	2,2-Dichloropropane	0.963	0.995	-3.3	108	0.00
27	T	cis-1,2-Dichloroethene	0.700	0.656	6.3	98	0.00
28	T	Bromochloromethane	0.519	0.528	-1.7	105	0.00
29	T	Tetrahydrofuran	0.251	0.259	-3.2	107	0.00
30	C	Chloroform	1.201	1.134	5.6#	99	0.00
31	T	Cyclohexane	0.915	0.912	0.3	104	0.00
32	T	1,1,1-Trichloroethane	1.011	1.036	-2.5	104	0.00
33	S	1,2-Dichloroethane-d4	0.806	0.794	1.5	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.343	0.340	0.9	107	0.00
36	T	1,1-Dichloropropene	0.443	0.446	-0.7	101	0.00
37	T	Ethyl Acetate	0.454	0.503	-10.8	109	0.00
38	T	Carbon Tetrachloride	0.492	0.513	-4.3	105	0.00
39	T	Methylcyclohexane	0.566	0.584	-3.2	107	0.00
40	TM	Benzene	1.396	1.339	4.1	98	0.00
41	T	Methacrylonitrile	0.243	0.274	-12.8	107	-0.01
42	TM	1,2-Dichloroethane	0.546	0.564	-3.3	100	0.00
43	T	Isopropyl Acetate	0.748	0.824	-10.2	107	0.00
44	TM	Trichloroethene	0.357	0.332	7.0	101	0.00
45	C	1,2-Dichloropropane	0.340	0.331	2.6#	97	0.00
46	T	Dibromomethane	0.265	0.261	1.5	100	0.00
47	T	Bromodichloromethane	0.482	0.499	-3.5	101	0.00
48	T	Methyl methacrylate	0.357	0.408	-14.3	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	0.005	0.006	-20.0	100	0.00
50	S	Toluene-d8	1.171	1.161	0.9	106	0.00
51	T	4-Methyl-2-Pentanone	0.437	0.494	-13.0	107	0.00
52	CM	Toluene	0.842	0.840	0.2#	101	0.00
53	T	t-1,3-Dichloropropene	0.460	0.511	-11.1	104	0.00
54	T	cis-1,3-Dichloropropene	0.517	0.551	-6.6	102	0.00
55	T	1,1,2-Trichloroethane	0.330	0.322	2.4	99	0.00
56	T	Ethyl methacrylate	0.480	0.527	-9.8	103	0.00
57	T	1,3-Dichloropropane	0.554	0.567	-2.3	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.238	0.246	-3.4	99	0.00
59	T	2-Hexanone	0.309	0.362	-17.2	107	0.00
60	T	Dibromochloromethane	0.329	0.361	-9.7	104	0.00
61	T	1,2-Dibromoethane	0.333	0.344	-3.3	104	0.00
62	S	4-Bromofluorobenzene	0.413	0.476	-15.3	121	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.354	0.340	4.0	103	0.00
65	PM	Chlorobenzene	1.061	1.044	1.6	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.366	-4.0	103	0.00
67	C	Ethyl Benzene	1.822	1.867	-2.5#	101	0.00
68	T	m/p-Xylenes	0.670	0.688	-2.7	101	0.00
69	T	o-Xylene	0.676	0.670	0.9	101	0.00
70	T	Styrene	1.081	1.132	-4.7	100	0.00
71	P	Bromoform	0.232	0.253	-9.1	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73	T	Isopropylbenzene	3.704	3.836	-3.6	117	0.00
74	T	N-amyl acetate	1.503	1.555	-3.5	107	0.00
75	P	1,1,2,2-Tetrachloroethane	1.194	1.204	-0.8	113	0.00
76	T	1,2,3-Trichloropropane	1.002	1.031	-2.9	117	0.00
77	T	Bromobenzene	0.900	0.905	-0.6	115	0.00
78	T	n-propylbenzene	4.172	4.331	-3.8	114	0.00
79	T	2-Chlorotoluene	2.704	2.604	3.7	110	0.00
80	T	1,3,5-Trimethylbenzene	3.071	3.137	-2.1	112	0.00
81	T	trans-1,4-Dichloro-2-butene	0.329	0.368	-11.9	122	0.00
82	T	4-Chlorotoluene	3.042	2.973	2.3	110	0.00
83	T	tert-Butylbenzene	3.058	3.195	-4.5	117	0.00
84	T	1,2,4-Trimethylbenzene	3.085	3.209	-4.0	114	0.00
85	T	sec-Butylbenzene	3.725	3.899	-4.7	117	0.00
86	T	p-Isopropyltoluene	3.125	3.300	-5.6	116	0.00
87	T	1,3-Dichlorobenzene	1.628	1.642	-0.9	115	0.00
88	T	1,4-Dichlorobenzene	1.696	1.624	4.2	114	0.00
89	T	n-Butylbenzene	2.639	2.811	-6.5	113	0.00
90	T	Hexachloroethane	0.502	0.520	-3.6	119	0.00
91	T	1,2-Dichlorobenzene	1.645	1.595	3.0	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.226	0.246	-8.8	117	0.00
93	T	1,2,4-Trichlorobenzene	0.967	0.988	-2.2	117	0.00
94	T	Hexachlorobutadiene	0.403	0.424	-5.2	123	0.00
95	T	Naphthalene	3.120	3.533	-13.2	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	0.988	0.962	2.6	111	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\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	50.020	-0.0	101	0.00
3	P	Chloromethane	50.000	43.735	12.5	93	0.00
4	C	Vinyl Chloride	50.000	46.536	6.9#	97	0.00
5	T	Bromomethane	50.000	49.378	1.2	102	0.00
6	T	Chloroethane	50.000	47.863	4.3	125	0.00
7	T	Trichlorofluoromethane	50.000	52.700	-5.4	107	0.00
8	T	Diethyl Ether	50.000	54.402	-8.8	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.428	-0.9	108	0.00
10	T	Methyl Iodide	50.000	45.809	8.4	99	0.00
11	T	Tert butyl alcohol	250.000	253.232	-1.3	108	-0.02
12	CM	1,1-Dichloroethene	50.000	46.573	6.9#	101	0.00
13	T	Acrolein	250.000	249.358	0.3	107	0.00
14	T	Allyl chloride	50.000	50.095	-0.2	101	0.00
15	T	Acrylonitrile	250.000	255.311	-2.1	104	0.00
16	T	Acetone	250.000	270.648	-8.3	109	0.00
17	T	Carbon Disulfide	50.000	51.792	-3.6	107	0.00
18	T	Methyl Acetate	50.000	51.415	-2.8	108	0.00
19	T	Methyl tert-butyl Ether	50.000	50.254	-0.5	102	0.00
20	T	Methylene Chloride	50.000	45.503	9.0	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.023	4.0	104	0.00
22	T	Diisopropyl ether	50.000	49.668	0.7	100	0.00
23	T	Vinyl Acetate	250.000	272.695	-9.1	103	0.00
24	P	1,1-Dichloroethane	50.000	48.129	3.7	99	0.00
25	T	2-Butanone	250.000	278.669	-11.5	109	0.00
26	T	2,2-Dichloropropane	50.000	51.617	-3.2	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.837	6.3	98	0.00
28	T	Bromochloromethane	50.000	50.910	-1.8	105	0.00
29	T	Tetrahydrofuran	250.000	258.181	-3.3	107	0.00
30	C	Chloroform	50.000	47.209	5.6#	99	0.00
31	T	Cyclohexane	50.000	49.840	0.3	104	0.00
32	T	1,1,1-Trichloroethane	50.000	51.235	-2.5	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.246	1.5	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	49.600	0.8	107	0.00
36	T	1,1-Dichloropropene	50.000	50.296	-0.6	101	0.00
37	T	Ethyl Acetate	50.000	55.503	-11.0	109	0.00
38	T	Carbon Tetrachloride	50.000	52.106	-4.2	105	0.00
39	T	Methylcyclohexane	50.000	51.612	-3.2	107	0.00
40	TM	Benzene	50.000	47.956	4.1	98	0.00
41	T	Methacrylonitrile	50.000	56.367	-12.7	107	-0.01
42	TM	1,2-Dichloroethane	50.000	51.677	-3.4	100	0.00
43	T	Isopropyl Acetate	50.000	55.077	-10.2	107	0.00
44	TM	Trichloroethene	50.000	46.528	6.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.692	2.6#	97	0.00
46	T	Dibromomethane	50.000	49.332	1.3	100	0.00
47	T	Bromodichloromethane	50.000	51.813	-3.6	101	0.00
48	T	Methyl methacrylate	50.000	57.212	-14.4	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	1054.109	-5.4	100	0.00
50	S	Toluene-d8	50.000	49.585	0.8	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.088	-12.8	107	0.00
52	CM	Toluene	50.000	49.893	0.2#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	55.511	-11.0	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.210	-6.4	102	0.00
55	T	1,1,2-Trichloroethane	50.000	48.736	2.5	99	0.00
56	T	Ethyl methacrylate	50.000	54.925	-9.8	103	0.00
57	T	1,3-Dichloropropane	50.000	51.108	-2.2	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.112	-3.2	99	0.00
59	T	2-Hexanone	250.000	292.615	-17.0	107	0.00
60	T	Dibromochloromethane	50.000	54.749	-9.5	104	0.00
61	T	1,2-Dibromoethane	50.000	51.516	-3.0	104	0.00
62	S	4-Bromofluorobenzene	50.000	57.528	-15.1	121	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	48.035	3.9	103	0.00
65	PM	Chlorobenzene	50.000	49.177	1.6	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.911	-3.8	103	0.00
67	C	Ethyl Benzene	50.000	51.215	-2.4#	101	0.00
68	T	m/p-Xylenes	100.000	102.808	-2.8	101	0.00
69	T	o-Xylene	50.000	49.559	0.9	101	0.00
70	T	Styrene	50.000	52.345	-4.7	100	0.00
71	P	Bromoform	50.000	51.015	-2.0	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	51.780	-3.6	117	0.00
74	T	N-amyl acetate	50.000	51.742	-3.5	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.433	-0.9	113	0.00
76	T	1,2,3-Trichloropropane	50.000	51.433	-2.9	117	0.00
77	T	Bromobenzene	50.000	50.264	-0.5	115	0.00
78	T	n-propylbenzene	50.000	51.897	-3.8	114	0.00
79	T	2-Chlorotoluene	50.000	48.159	3.7	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.065	-2.1	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.876	-11.8	122	0.00
82	T	4-Chlorotoluene	50.000	48.871	2.3	110	0.00
83	T	tert-Butylbenzene	50.000	52.238	-4.5	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.007	-4.0	114	0.00
85	T	sec-Butylbenzene	50.000	52.335	-4.7	117	0.00
86	T	p-Isopropyltoluene	50.000	52.797	-5.6	116	0.00
87	T	1,3-Dichlorobenzene	50.000	50.434	-0.9	115	0.00
88	T	1,4-Dichlorobenzene	50.000	47.881	4.2	114	0.00
89	T	n-Butylbenzene	50.000	53.259	-6.5	113	0.00
90	T	Hexachloroethane	50.000	51.831	-3.7	119	0.00
91	T	1,2-Dichlorobenzene	50.000	48.487	3.0	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.385	-8.8	117	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.107	-2.2	117	0.00
94	T	Hexachlorobutadiene	50.000	52.624	-5.2	123	0.00
95	T	Naphthalene	50.000	56.632	-13.3	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044603.D
Acq On : 07 Jan 2025 15:34
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010725

Quant Time: Jan 08 05:52:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	48.678	2.6	111	0.00

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

Raw Data: **VX044615.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: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG No.: Q1036

Instrument ID: MSVOA_X Calibration Date/Time: 01/08/2025 10:02

Lab File ID: VX044615.D Init. Calib. Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:06 12:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.723	0.777		7.47	20
Chloromethane	0.721	0.702	0.1	-2.63	20
Vinyl Chloride	0.676	0.677		0.15	20
Bromomethane	0.350	0.342		-2.29	20
Chloroethane	0.387	0.392		1.29	20
Trichlorofluoromethane	1.007	1.046		3.87	20
1,1,2-Trichlorotrifluoroethane	0.577	0.575		-0.35	20
1,1-Dichloroethene	0.559	0.523		-6.44	20
Acetone	0.254	0.269		5.91	20
Carbon Disulfide	1.157	1.185		2.42	20
Methyl tert-butyl Ether	1.917	1.878		-2.03	20
Methyl Acetate	0.750	0.763		1.73	20
Methylene Chloride	0.648	0.604		-6.79	20
trans-1,2-Dichloroethene	0.574	0.545		-5.05	20
1,1-Dichloroethane	1.114	1.074	0.1	-3.59	20
Cyclohexane	0.915	0.892		-2.51	20
2-Butanone	0.367	0.404		10.08	20
Carbon Tetrachloride	0.492	0.490		-0.41	20
cis-1,2-Dichloroethene	0.700	0.651		-7	20
Bromochloromethane	0.519	0.515		-0.77	20
Chloroform	1.201	1.130		-5.91	20
1,1,1-Trichloroethane	1.011	1.019		0.79	20
Methylcyclohexane	0.566	0.569		0.53	20
Benzene	1.396	1.294		-7.31	20
1,2-Dichloroethane	0.546	0.549		0.55	20
Trichloroethene	0.357	0.320		-10.36	20
1,2-Dichloropropane	0.340	0.329		-3.23	20
Bromodichloromethane	0.482	0.487		1.04	20
4-Methyl-2-Pentanone	0.437	0.471		7.78	20
Toluene	0.842	0.800		-4.99	20
t-1,3-Dichloropropene	0.460	0.472		2.61	20
cis-1,3-Dichloropropene	0.517	0.518		0.19	20
1,1,2-Trichloroethane	0.330	0.310		-6.06	20
2-Hexanone	0.309	0.341		10.36	20
Dibromochloromethane	0.329	0.343		4.26	20
1,2-Dibromoethane	0.333	0.327		-1.8	20
Tetrachloroethene	0.354	0.330		-6.78	20
Chlorobenzene	1.061	0.999	0.3	-5.84	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: **VX044615.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG No.: Q1036

Instrument ID: MSVOA_X Calibration Date/Time: 01/08/2025 10:02

Lab File ID: VX044615.D Init. Calib. Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:06 12:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.822	1.778		-2.41	20
m/p-Xylenes	0.670	0.665		-0.75	20
o-Xylene	0.676	0.651		-3.7	20
Styrene	1.081	1.080		-0.09	20
Bromoform	0.232	0.244	0.1	5.17	20
Isopropylbenzene	3.704	3.262		-11.93	20
1,1,2,2-Tetrachloroethane	1.194	1.166	0.3	-2.35	20
1,3-Dichlorobenzene	1.628	1.566		-3.81	20
1,4-Dichlorobenzene	1.696	1.607		-5.25	20
1,2-Dichlorobenzene	1.645	1.529		-7.05	20
1,2-Dibromo-3-Chloropropane	0.226	0.230		1.77	20
1,2,4-Trichlorobenzene	0.967	0.937		-3.1	20
1,2,3-Trichlorobenzene	0.988	0.970		-1.82	20
1,2-Dichloroethane-d4	0.806	0.702		-12.9	20
Dibromofluoromethane	0.343	0.289		-15.74	20
Toluene-d8	1.171	0.993		-15.2	20
4-Bromofluorobenzene	0.413	0.355		-14.04	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\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	185177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	315703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	269260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	129910	43.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.020%			
35) Dibromofluoromethane	5.373	113	91296	42.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.340%			
50) Toluene-d8	8.641	98	313570	42.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 84.820%#			
62) 4-Bromofluorobenzene	11.079	95	111957	42.895	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	143884	53.701	ug/l	99
3) Chloromethane	1.294	50	130028	48.699	ug/l	99
4) Vinyl Chloride	1.374	62	125372	50.053	ug/l	97
5) Bromomethane	1.599	94	63389	48.856	ug/l	96
6) Chloroethane	1.666	64	72582	50.653	ug/l	98
7) Trichlorofluoromethane	1.873	101	193615	51.913	ug/l	100
8) Diethyl Ether	2.130	74	73243	55.579	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	106546	49.826	ug/l	99
10) Methyl Iodide	2.447	142	140812	47.223	ug/l	97
11) Tert butyl alcohol	2.995	59	91987	250.198	ug/l	100
12) 1,1-Dichloroethene	2.312	96	96924	46.787	ug/l	94
13) Acrolein	2.233	56	141479	291.046	ug/l	99
14) Allyl chloride	2.654	41	170590	49.514	ug/l	97
15) Acrylonitrile	3.062	53	272501	257.354	ug/l	99
16) Acetone	2.380	43	248767	264.351	ug/l	99
17) Carbon Disulfide	2.508	76	219364	51.210	ug/l	99
18) Methyl Acetate	2.697	43	141373	50.898	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	347843	48.996	ug/l	98
20) Methylene Chloride	2.782	84	111927	46.621	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	100953	47.482	ug/l	95
22) Diisopropyl ether	3.757	45	347271	49.032	ug/l	93
23) Vinyl Acetate	3.715	43	1518295	265.101	ug/l	99
24) 1,1-Dichloroethane	3.599	63	198952	48.209	ug/l	98
25) 2-Butanone	4.550	43	374323	275.581	ug/l	96
26) 2,2-Dichloropropane	4.465	77	175929	49.307	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	120628	46.529	ug/l	97
28) Bromochloromethane	4.885	49	95347	49.634	ug/l	98
29) Tetrahydrofuran	4.995	42	235815	253.520	ug/l	99
30) Chloroform	5.086	83	209270	47.038	ug/l	98
31) Cyclohexane	5.458	56	165123	48.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	188751	50.413	ug/l	98
36) 1,1-Dichloropropene	5.684	75	136069	48.608	ug/l	99
37) Ethyl Acetate	4.708	43	151059	52.752	ug/l	99
38) Carbon Tetrachloride	5.665	117	154726	49.817	ug/l	96
39) Methylcyclohexane	7.373	83	179712	50.314	ug/l	98
40) Benzene	6.025	78	408603	46.359	ug/l	99

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82510	53.679 ug/l	97
42) 1,2-Dichloroethane	6.074	62	173322	50.284 ug/l	100
43) Isopropyl Acetate	6.336	43	243898	51.627 ug/l	99
44) Trichloroethene	7.116	130	101048	44.850 ug/l	96
45) 1,2-Dichloropropane	7.421	63	103793	48.301 ug/l	97
46) Dibromomethane	7.574	93	81024	48.482 ug/l	98
47) Bromodichloromethane	7.818	83	153791	50.569 ug/l	95
48) Methyl methacrylate	7.690	41	121255	53.813 ug/l	99
49) 1,4-Dioxane	7.659	88	33036	997.714 ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	743580	269.257 ug/l	99
52) Toluene	8.714	92	252542	47.488 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	148998	51.255 ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	163532	50.054 ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	97985	46.999 ug/l	96
56) Ethyl methacrylate	9.110	69	154322	50.898 ug/l	98
57) 1,3-Dichloropropane	9.305	76	171049	48.858 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	371376	247.074 ug/l	99
59) 2-Hexanone	9.427	43	538943	275.949 ug/l	99
60) Dibromochloromethane	9.518	129	108381	52.136 ug/l	99
61) 1,2-Dibromoethane	9.604	107	103298	49.059 ug/l	99
64) Tetrachloroethene	9.269	164	88884	46.689 ug/l	98
65) Chlorobenzene	10.073	112	268985	47.069 ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	93984	49.517 ug/l	100
67) Ethyl Benzene	10.189	91	478826	48.793 ug/l	99
68) m/p-Xylenes	10.299	106	358247	99.345 ug/l	99
69) o-Xylene	10.640	106	175420	48.195 ug/l	99
70) Styrene	10.652	104	290914	49.970 ug/l	100
71) Bromoform	10.799	173	65781	49.507 ug/l #	97
73) Isopropylbenzene	10.957	105	460139	44.026 ug/l	100
74) N-amyl acetate	10.841	43	201678	47.556 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	164502	48.830 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	137259m	48.537 ug/l	
77) Bromobenzene	11.195	156	122181	48.123 ug/l	98
78) n-propylbenzene	11.299	91	597685	50.771 ug/l	99
79) 2-Chlorotoluene	11.360	91	356792	46.771 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426919	49.265 ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	44334	47.721 ug/l	98
82) 4-Chlorotoluene	11.451	91	407956	47.537 ug/l	97
83) tert-Butylbenzene	11.713	119	423897	49.126 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	429596	49.350 ug/l	100
85) sec-Butylbenzene	11.890	105	523251	49.791 ug/l	100
86) p-Isopropyltoluene	12.006	119	439013	49.788 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	220974	48.111 ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	226749	47.384 ug/l	99
89) n-Butylbenzene	12.329	91	378051	50.775 ug/l	99
90) Hexachloroethane	12.536	117	69254	48.891 ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	215723	46.479 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32448	50.806 ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	132128	48.437 ug/l	98
94) Hexachlorobutadiene	13.725	225	55247	48.639 ug/l	100
95) Naphthalene	13.774	128	448342	50.939 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	136785	49.053 ug/l	99

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

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

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

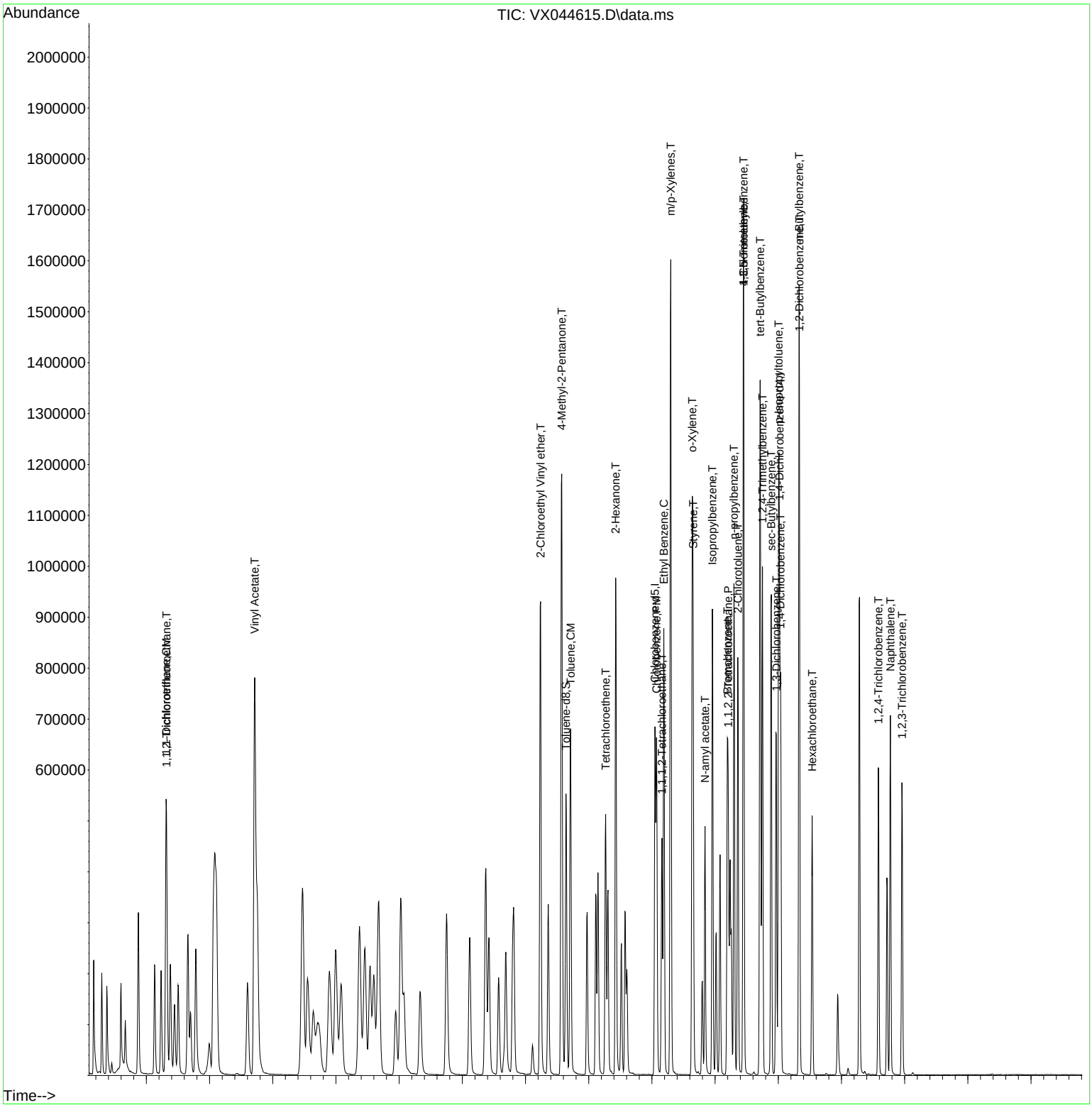
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	107	0.00
2	T	Dichlorodifluoromethane	0.723	0.777	-7.5	106	0.00
3	P	Chloromethane	0.721	0.702	2.6	102	0.00
4	C	Vinyl Chloride	0.676	0.677	-0.1#	102	0.00
5	T	Bromomethane	0.350	0.342	2.3	99	0.00
6	T	Chloroethane	0.387	0.392	-1.3	129	0.00
7	T	Trichlorofluoromethane	1.007	1.046	-3.9	103	0.00
8	T	Diethyl Ether	0.356	0.396	-11.2	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.577	0.575	0.3	104	0.00
10	T	Methyl Iodide	0.805	0.760	5.6	100	0.00
11	T	Tert butyl alcohol	0.099	0.099	0.0	105	-0.01
12	CM	1,1-Dichloroethene	0.559	0.523	6.4#	99	0.00
13	T	Acrolein	0.131	0.153	-16.8	122	0.00
14	T	Allyl chloride	0.930	0.921	1.0	97	0.00
15	T	Acrylonitrile	0.286	0.294	-2.8	103	0.00
16	T	Acetone	0.254	0.269	-5.9	104	0.00
17	T	Carbon Disulfide	1.157	1.185	-2.4	103	0.00
18	T	Methyl Acetate	0.750	0.763	-1.7	105	0.00
19	T	Methyl tert-butyl Ether	1.917	1.878	2.0	98	0.00
20	T	Methylene Chloride	0.648	0.604	6.8	98	0.00
21	T	trans-1,2-Dichloroethene	0.574	0.545	5.1	100	0.00
22	T	Diisopropyl ether	1.912	1.875	1.9	96	0.00
23	T	Vinyl Acetate	1.546	1.640	-6.1	98	0.00
24	P	1,1-Dichloroethane	1.114	1.074	3.6	97	0.00
25	T	2-Butanone	0.367	0.404	-10.1	105	0.00
26	T	2,2-Dichloropropane	0.963	0.950	1.3	100	0.00
27	T	cis-1,2-Dichloroethene	0.700	0.651	7.0	95	0.00
28	T	Bromochloromethane	0.519	0.515	0.8	100	0.00
29	T	Tetrahydrofuran	0.251	0.255	-1.6	102	0.00
30	C	Chloroform	1.201	1.130	5.9#	96	0.00
31	T	Cyclohexane	0.915	0.892	2.5	100	0.00
32	T	1,1,1-Trichloroethane	1.011	1.019	-0.8	100	0.00
33	S	1,2-Dichloroethane-d4	0.806	0.702	12.9	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.343	0.289	15.7	91	0.00
36	T	1,1-Dichloropropene	0.443	0.431	2.7	98	0.00
37	T	Ethyl Acetate	0.454	0.478	-5.3	103	0.00
38	T	Carbon Tetrachloride	0.492	0.490	0.4	100	0.00
39	T	Methylcyclohexane	0.566	0.569	-0.5	104	0.00
40	TM	Benzene	1.396	1.294	7.3	94	0.00
41	T	Methacrylonitrile	0.243	0.261	-7.4	101	0.00
42	TM	1,2-Dichloroethane	0.546	0.549	-0.5	97	0.00
43	T	Isopropyl Acetate	0.748	0.773	-3.3	100	0.00
44	TM	Trichloroethene	0.357	0.320	10.4	97	0.00
45	C	1,2-Dichloropropane	0.340	0.329	3.2#	96	0.00
46	T	Dibromomethane	0.265	0.257	3.0	98	0.00
47	T	Bromodichloromethane	0.482	0.487	-1.0	98	0.00
48	T	Methyl methacrylate	0.357	0.384	-7.6	99	0.00

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	0.005	0.005	0.0	95	0.00
50	S	Toluene-d8	1.171	0.993	15.2	91	0.00
51	T	4-Methyl-2-Pentanone	0.437	0.471	-7.8	101	0.00
52	CM	Toluene	0.842	0.800	5.0#	96	0.00
53	T	t-1,3-Dichloropropene	0.460	0.472	-2.6	96	0.00
54	T	cis-1,3-Dichloropropene	0.517	0.518	-0.2	96	0.00
55	T	1,1,2-Trichloroethane	0.330	0.310	6.1	95	0.00
56	T	Ethyl methacrylate	0.480	0.489	-1.9	95	0.00
57	T	1,3-Dichloropropane	0.554	0.542	2.2	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.238	0.235	1.3	95	0.00
59	T	2-Hexanone	0.309	0.341	-10.4	101	0.00
60	T	Dibromochloromethane	0.329	0.343	-4.3	99	0.00
61	T	1,2-Dibromoethane	0.333	0.327	1.8	99	0.00
62	S	4-Bromofluorobenzene	0.413	0.355	14.0	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.354	0.330	6.8	99	0.00
65	PM	Chlorobenzene	1.061	0.999	5.8	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.349	0.9	97	0.00
67	C	Ethyl Benzene	1.822	1.778	2.4#	95	0.00
68	T	m/p-Xylenes	0.670	0.665	0.7	96	0.00
69	T	o-Xylene	0.676	0.651	3.7	97	0.00
70	T	Styrene	1.081	1.080	0.1	94	0.00
71	P	Bromoform	0.232	0.244	-5.2	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73	T	Isopropylbenzene	3.704	3.262	11.9	98	0.00
74	T	N-amyl acetate	1.503	1.430	4.9	97	0.00
75	P	1,1,2,2-Tetrachloroethane	1.194	1.166	2.3	108	0.00
76	T	1,2,3-Trichloropropane	1.002	0.973	2.9	109	0.00
77	T	Bromobenzene	0.900	0.866	3.8	109	0.00
78	T	n-propylbenzene	4.172	4.237	-1.6	110	0.00
79	T	2-Chlorotoluene	2.704	2.529	6.5	106	0.00
80	T	1,3,5-Trimethylbenzene	3.071	3.026	1.5	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.329	0.314	4.6	102	0.00
82	T	4-Chlorotoluene	3.042	2.892	4.9	105	0.00
83	T	tert-Butylbenzene	3.058	3.005	1.7	108	0.00
84	T	1,2,4-Trimethylbenzene	3.085	3.045	1.3	107	0.00
85	T	sec-Butylbenzene	3.725	3.709	0.4	110	0.00
86	T	p-Isopropyltoluene	3.125	3.112	0.4	108	0.00
87	T	1,3-Dichlorobenzene	1.628	1.566	3.8	108	0.00
88	T	1,4-Dichlorobenzene	1.696	1.607	5.2	111	0.00
89	T	n-Butylbenzene	2.639	2.680	-1.6	107	0.00
90	T	Hexachloroethane	0.502	0.491	2.2	110	0.00
91	T	1,2-Dichlorobenzene	1.645	1.529	7.1	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.226	0.230	-1.8	108	0.00
93	T	1,2,4-Trichlorobenzene	0.967	0.937	3.1	110	0.00
94	T	Hexachlorobutadiene	0.403	0.392	2.7	112	0.00
95	T	Naphthalene	3.120	3.178	-1.9	109	0.00

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	0.988	0.970	1.8	111	0.00

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

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	107	0.00
2	T	Dichlorodifluoromethane	50.000	53.701	-7.4	106	0.00
3	P	Chloromethane	50.000	48.699	2.6	102	0.00
4	C	Vinyl Chloride	50.000	50.053	-0.1#	102	0.00
5	T	Bromomethane	50.000	48.856	2.3	99	0.00
6	T	Chloroethane	50.000	50.653	-1.3	129	0.00
7	T	Trichlorofluoromethane	50.000	51.913	-3.8	103	0.00
8	T	Diethyl Ether	50.000	55.579	-11.2	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.826	0.3	104	0.00
10	T	Methyl Iodide	50.000	47.223	5.6	100	0.00
11	T	Tert butyl alcohol	250.000	250.198	-0.1	105	-0.01
12	CM	1,1-Dichloroethene	50.000	46.787	6.4#	99	0.00
13	T	Acrolein	250.000	291.046	-16.4	122	0.00
14	T	Allyl chloride	50.000	49.514	1.0	97	0.00
15	T	Acrylonitrile	250.000	257.354	-2.9	103	0.00
16	T	Acetone	250.000	264.351	-5.7	104	0.00
17	T	Carbon Disulfide	50.000	51.210	-2.4	103	0.00
18	T	Methyl Acetate	50.000	50.898	-1.8	105	0.00
19	T	Methyl tert-butyl Ether	50.000	48.996	2.0	98	0.00
20	T	Methylene Chloride	50.000	46.621	6.8	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.482	5.0	100	0.00
22	T	Diisopropyl ether	50.000	49.032	1.9	96	0.00
23	T	Vinyl Acetate	250.000	265.101	-6.0	98	0.00
24	P	1,1-Dichloroethane	50.000	48.209	3.6	97	0.00
25	T	2-Butanone	250.000	275.581	-10.2	105	0.00
26	T	2,2-Dichloropropane	50.000	49.307	1.4	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.529	6.9	95	0.00
28	T	Bromochloromethane	50.000	49.634	0.7	100	0.00
29	T	Tetrahydrofuran	250.000	253.520	-1.4	102	0.00
30	C	Chloroform	50.000	47.038	5.9#	96	0.00
31	T	Cyclohexane	50.000	48.733	2.5	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.413	-0.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.510	13.0	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	42.173	15.7	91	0.00
36	T	1,1-Dichloropropene	50.000	48.608	2.8	98	0.00
37	T	Ethyl Acetate	50.000	52.752	-5.5	103	0.00
38	T	Carbon Tetrachloride	50.000	49.817	0.4	100	0.00
39	T	Methylcyclohexane	50.000	50.314	-0.6	104	0.00
40	TM	Benzene	50.000	46.359	7.3	94	0.00
41	T	Methacrylonitrile	50.000	53.679	-7.4	101	0.00
42	TM	1,2-Dichloroethane	50.000	50.284	-0.6	97	0.00
43	T	Isopropyl Acetate	50.000	51.627	-3.3	100	0.00
44	TM	Trichloroethene	50.000	44.850	10.3	97	0.00
45	C	1,2-Dichloropropane	50.000	48.301	3.4#	96	0.00
46	T	Dibromomethane	50.000	48.482	3.0	98	0.00
47	T	Bromodichloromethane	50.000	50.569	-1.1	98	0.00
48	T	Methyl methacrylate	50.000	53.813	-7.6	99	0.00

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	997.714	0.2	95	0.00
50	S	Toluene-d8	50.000	42.405	15.2	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.257	-7.7	101	0.00
52	CM	Toluene	50.000	47.488	5.0#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	51.255	-2.5	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.054	-0.1	96	0.00
55	T	1,1,2-Trichloroethane	50.000	46.999	6.0	95	0.00
56	T	Ethyl methacrylate	50.000	50.898	-1.8	95	0.00
57	T	1,3-Dichloropropane	50.000	48.858	2.3	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.074	1.2	95	0.00
59	T	2-Hexanone	250.000	275.949	-10.4	101	0.00
60	T	Dibromochloromethane	50.000	52.136	-4.3	99	0.00
61	T	1,2-Dibromoethane	50.000	49.059	1.9	99	0.00
62	S	4-Bromofluorobenzene	50.000	42.895	14.2	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	46.689	6.6	99	0.00
65	PM	Chlorobenzene	50.000	47.069	5.9	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.517	1.0	97	0.00
67	C	Ethyl Benzene	50.000	48.793	2.4#	95	0.00
68	T	m/p-Xylenes	100.000	99.345	0.7	96	0.00
69	T	o-Xylene	50.000	48.195	3.6	97	0.00
70	T	Styrene	50.000	49.970	0.1	94	0.00
71	P	Bromoform	50.000	49.507	1.0	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73	T	Isopropylbenzene	50.000	44.026	11.9	98	0.00
74	T	N-amyl acetate	50.000	47.556	4.9	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.830	2.3	108	0.00
76	T	1,2,3-Trichloropropane	50.000	48.537	2.9	109	0.00
77	T	Bromobenzene	50.000	48.123	3.8	109	0.00
78	T	n-propylbenzene	50.000	50.771	-1.5	110	0.00
79	T	2-Chlorotoluene	50.000	46.771	6.5	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.265	1.5	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.721	4.6	102	0.00
82	T	4-Chlorotoluene	50.000	47.537	4.9	105	0.00
83	T	tert-Butylbenzene	50.000	49.126	1.7	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.350	1.3	107	0.00
85	T	sec-Butylbenzene	50.000	49.791	0.4	110	0.00
86	T	p-Isopropyltoluene	50.000	49.788	0.4	108	0.00
87	T	1,3-Dichlorobenzene	50.000	48.111	3.8	108	0.00
88	T	1,4-Dichlorobenzene	50.000	47.384	5.2	111	0.00
89	T	n-Butylbenzene	50.000	50.775	-1.5	107	0.00
90	T	Hexachloroethane	50.000	48.891	2.2	110	0.00
91	T	1,2-Dichlorobenzene	50.000	46.479	7.0	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.806	-1.6	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.437	3.1	110	0.00
94	T	Hexachlorobutadiene	50.000	48.639	2.7	112	0.00
95	T	Naphthalene	50.000	50.939	-1.9	109	0.00

Sample Results: **VX044615.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044615.D
Acq On : 08 Jan 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 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	49.053	1.9	111	0.00

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

QC SAMPLE DATA

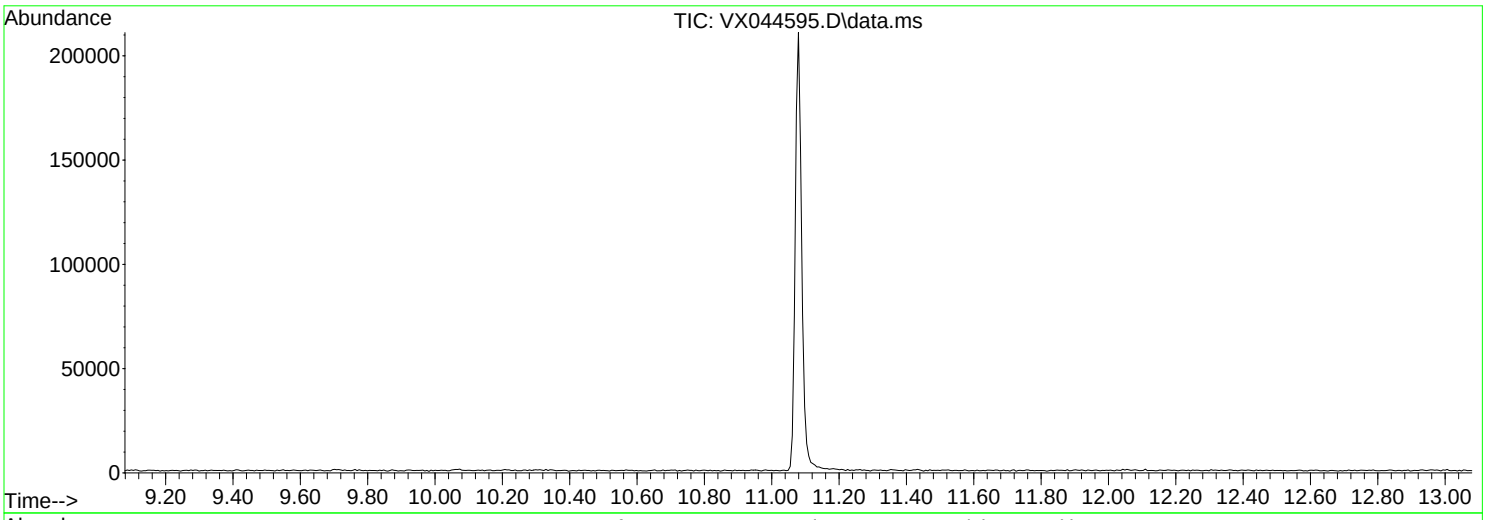
Sample Results: **VX044595.D**

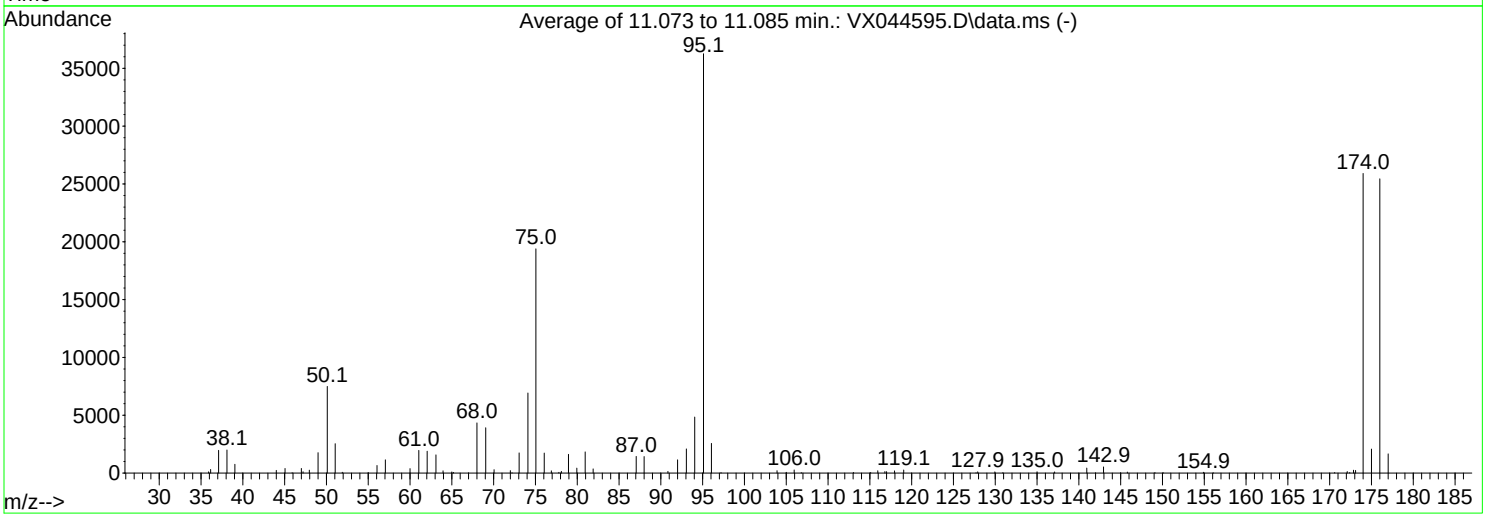
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044595.D
Acq On : 07 Jan 2025 09:14
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Title : SW846 8260
Last Update : Wed Jan 08 03:57:12 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	20.7	7495	PASS
75	95	30	60	53.5	19386	PASS
95	95	100	100	100.0	36261	PASS
96	95	5	9	7.1	2567	PASS
173	174	0.00	2	1.0	251	PASS
174	95	50	100	71.5	25909	PASS
175	174	5	9	8.0	2077	PASS
176	174	95	101	98.2	25445	PASS
177	176	5	9	6.5	1661	PASS

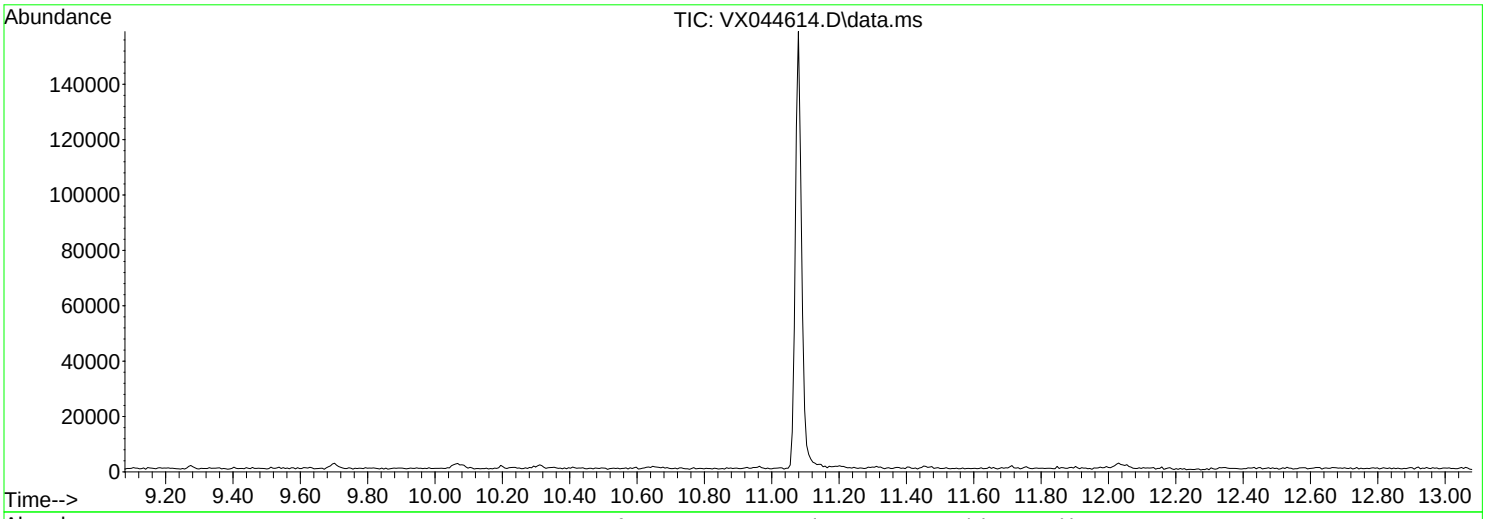
Sample Results: **VX044614.D**

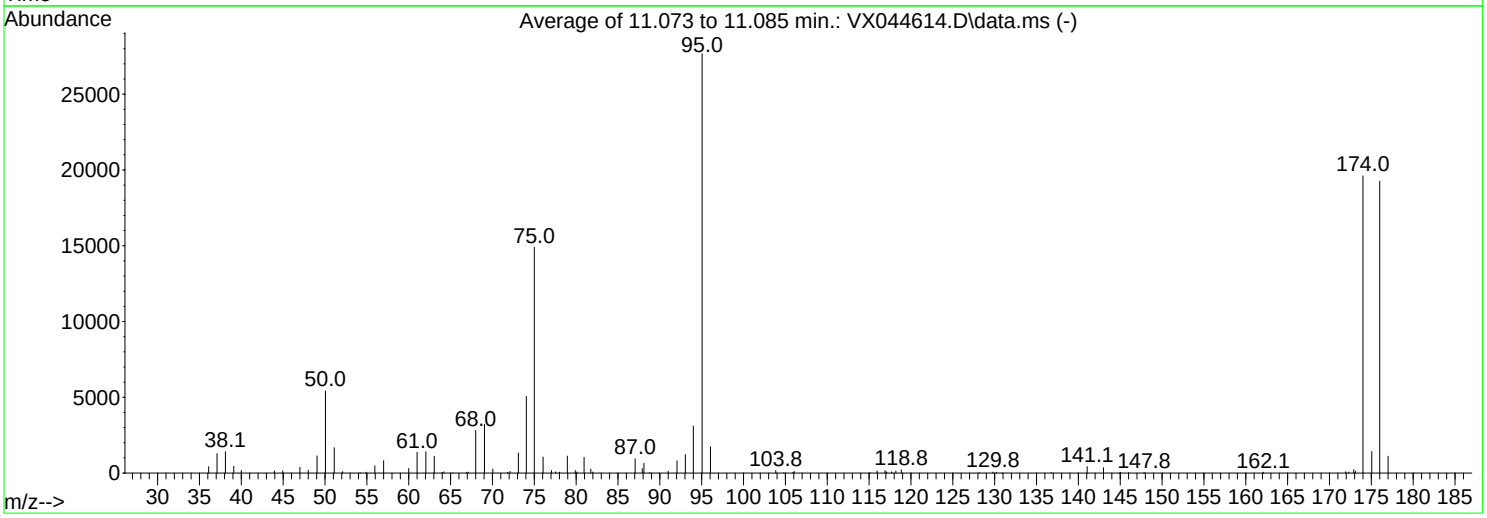
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044614.D
Acq On : 08 Jan 2025 09:29
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Title : SW846 8260
Last Update : Wed Jan 08 03:57:12 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	5416	PASS
75	95	30	60	53.8	14899	PASS
95	95	100	100	100.0	27669	PASS
96	95	5	9	6.3	1739	PASS
173	174	0.00	2	1.1	225	PASS
174	95	50	100	70.9	19612	PASS
175	174	5	9	7.3	1423	PASS
176	174	95	101	98.2	19254	PASS
177	176	5	9	5.8	1115	PASS

Raw Data: **VX044617.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBL01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBL01	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
VX044617.D	1		01/08/25 10:54	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	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	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	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:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBL01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBL01	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
VX044617.D	1		01/08/25 10:54	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	192000	5.544			
540-36-3	1,4-Difluorobenzene	347000	6.751			
3114-55-4	Chlorobenzene-d5	308000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	150000	12.018			

Raw Data: **VX044617.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBL01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBL01	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
VX044617.D	1		01/08/25 10:54	VX010825

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

Sample Results: **VX044617.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Quant Time: Jan 09 00:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

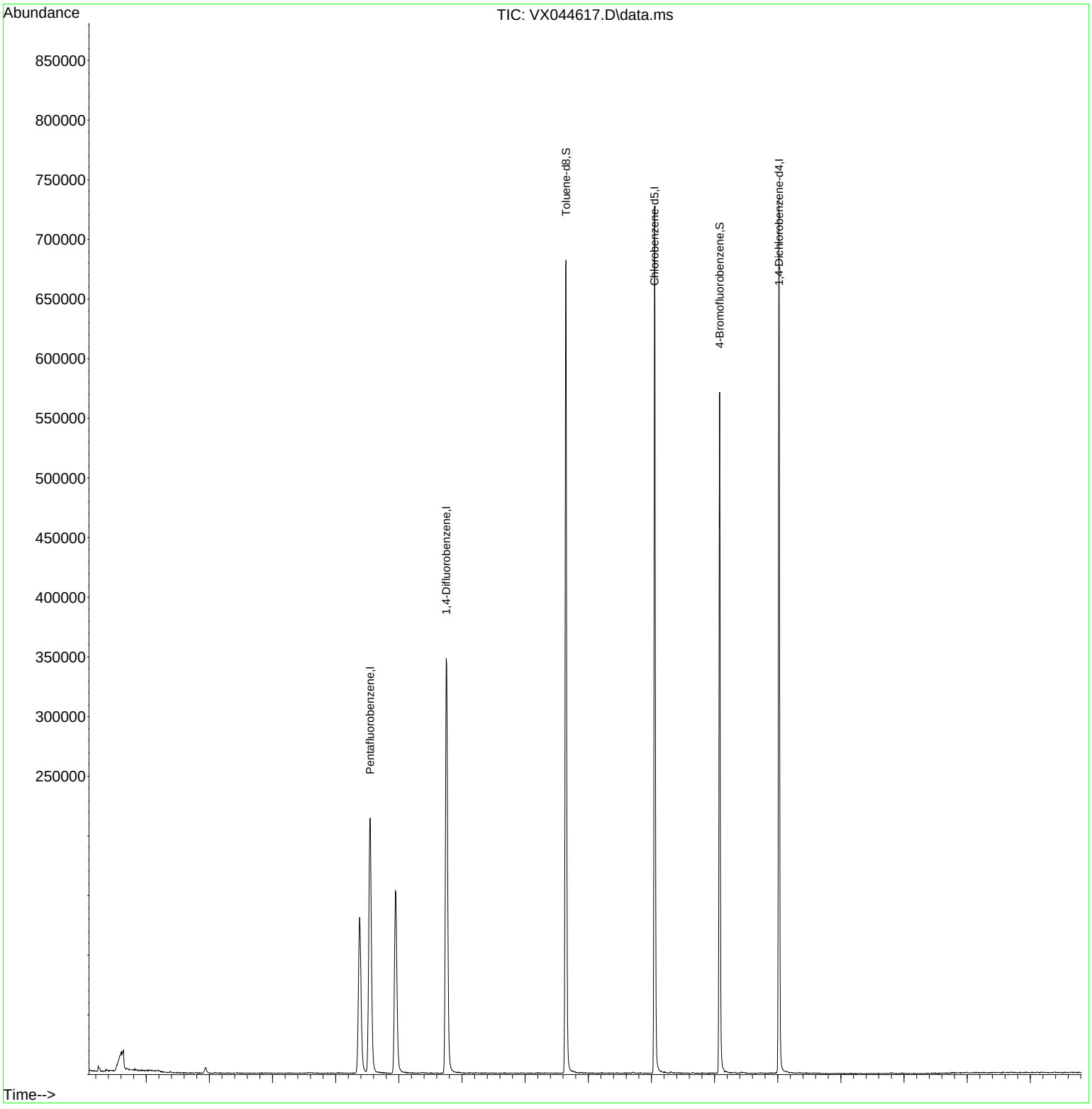
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	192485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	347122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	308423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	150386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	159506	51.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.780%			
35) Dibromofluoromethane	5.379	113	114611	48.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	413789	50.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.079	95	157079	54.736	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.480%			
Target Compounds						Qvalue

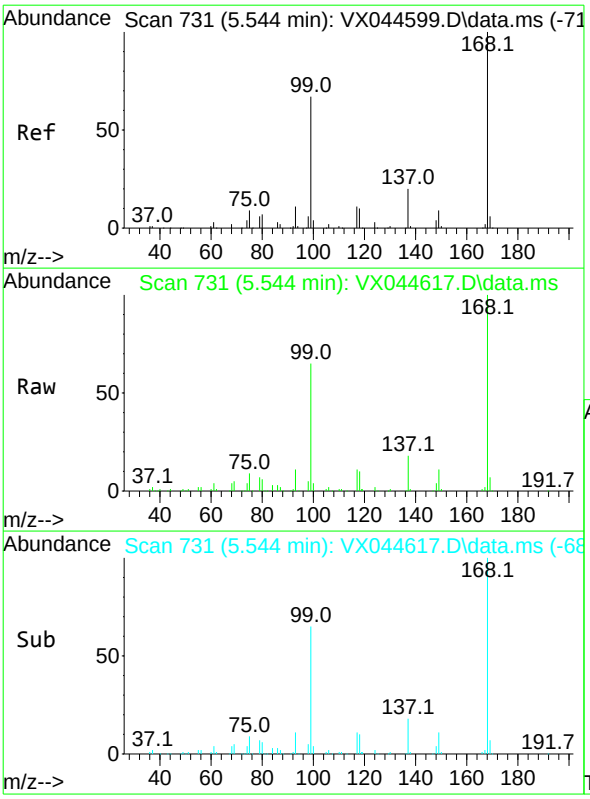
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Quant Time: Jan 09 00:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



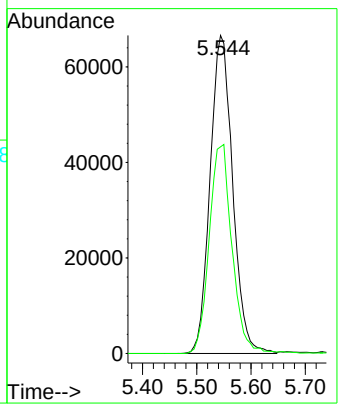


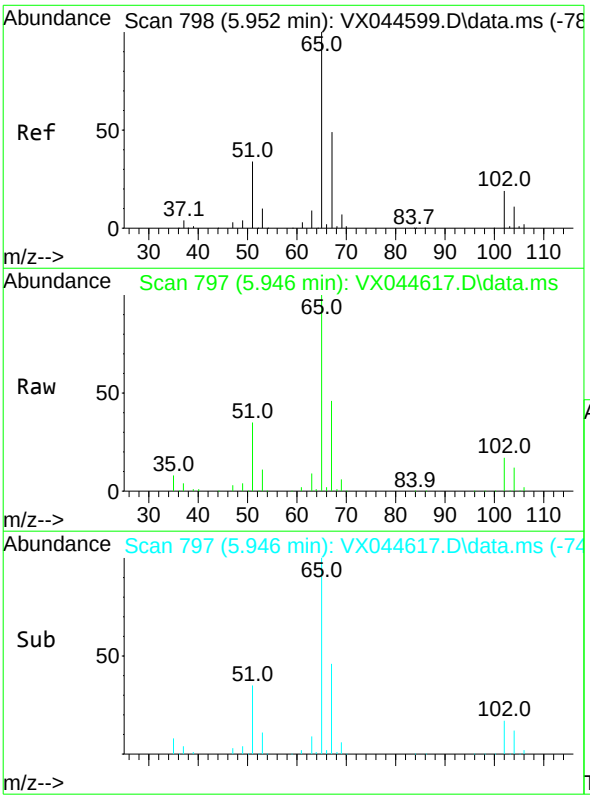
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Tgt Ion:168 Resp: 192485

Ion	Ratio	Lower	Upper
168	100		
99	65.0	53.5	80.3

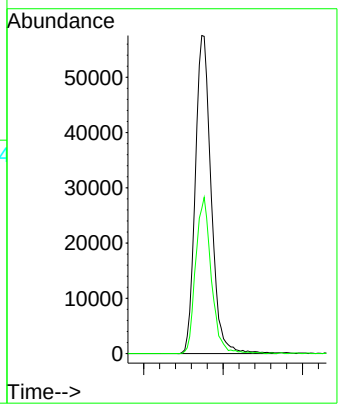


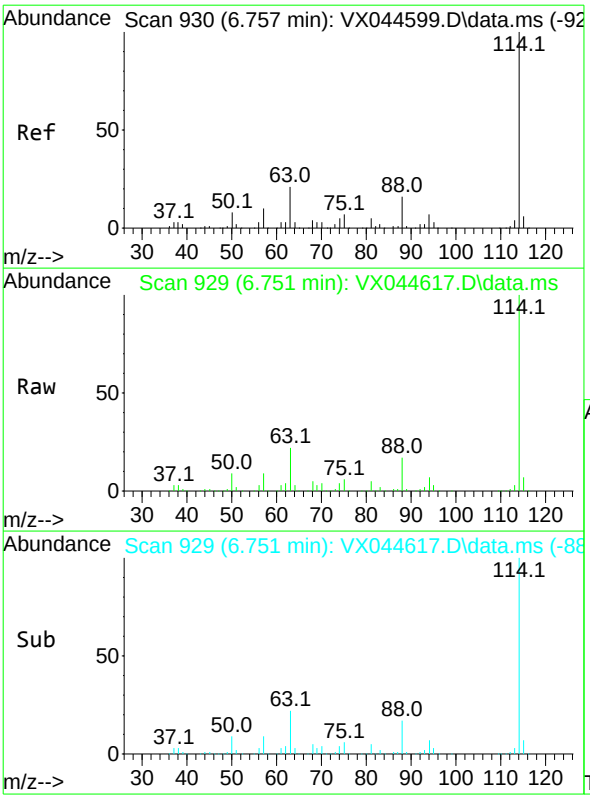


#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion: 65 Resp: 159506

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	99.0



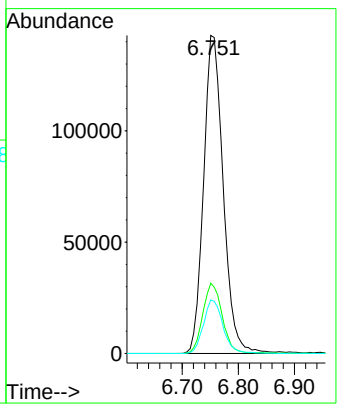


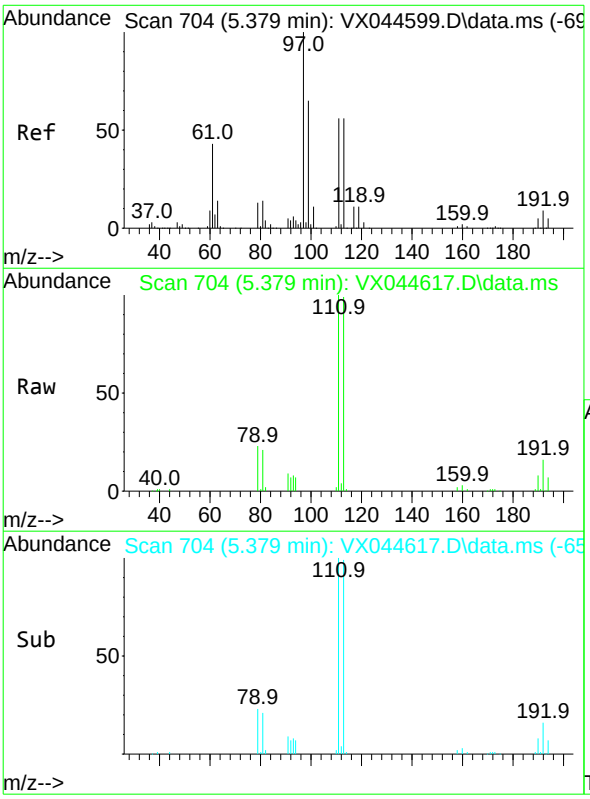
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 92
Delta R.T. -0.006 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Tgt Ion:114 Resp: 347122

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.6
88	16.8	0.0	32.6

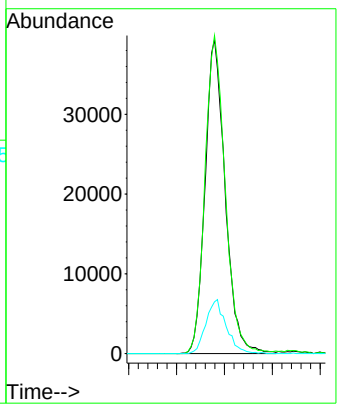


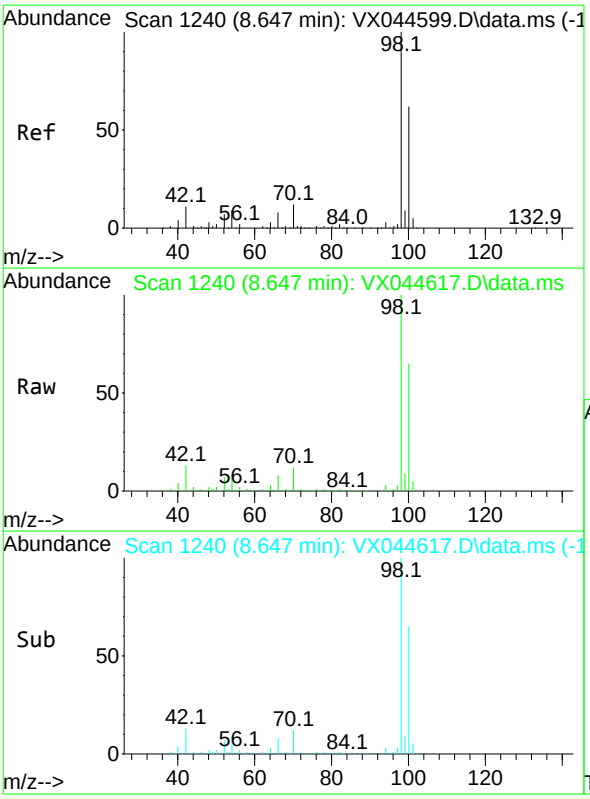


#35
Dibromofluoromethane
Concen: 48.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion:113 Resp: 114611

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.3	124.9
192	17.5	14.3	21.5



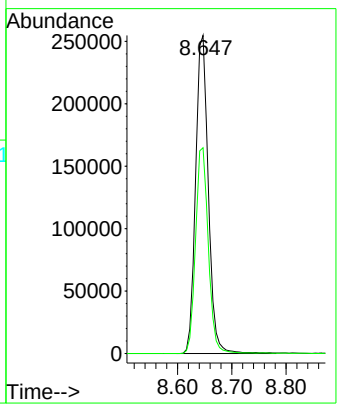


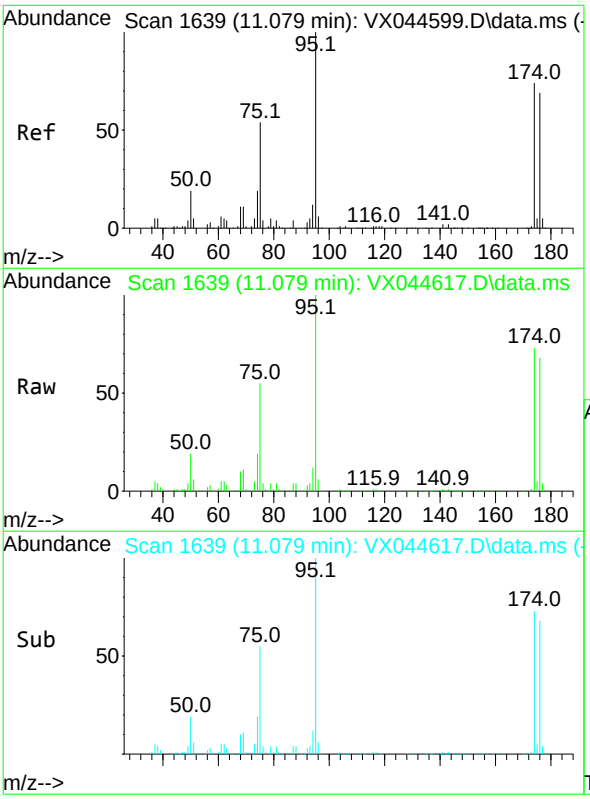
#50
Toluene-d8
Concen: 50.894 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Tgt Ion: 98 Resp: 413789

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7

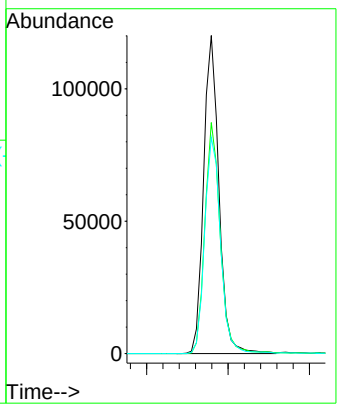


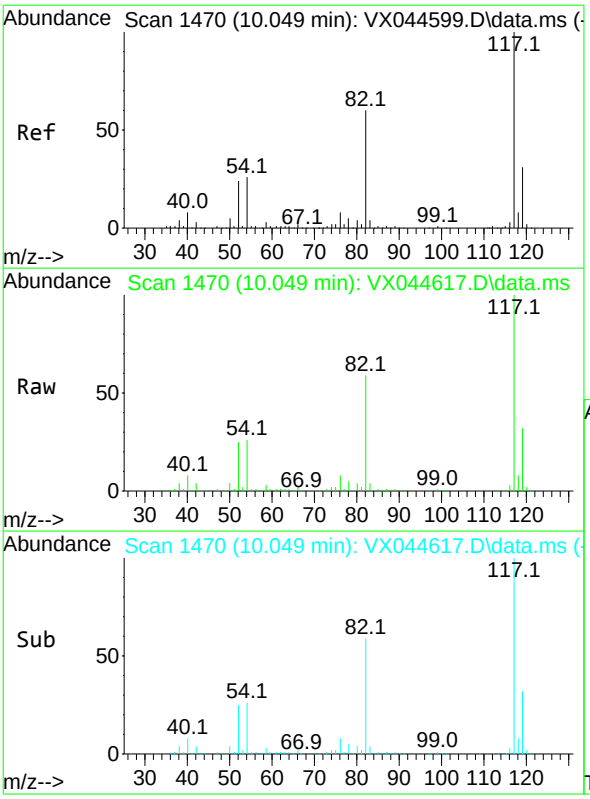


#62
4-Bromofluorobenzene
Concen: 54.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion: 95 Resp: 157079

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	148.8
176	70.4	0.0	139.8



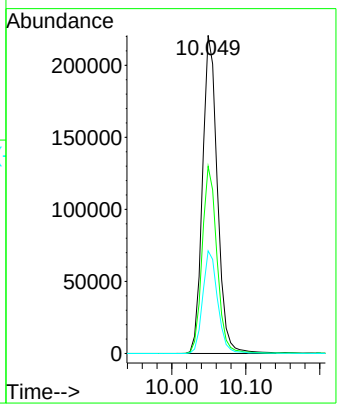


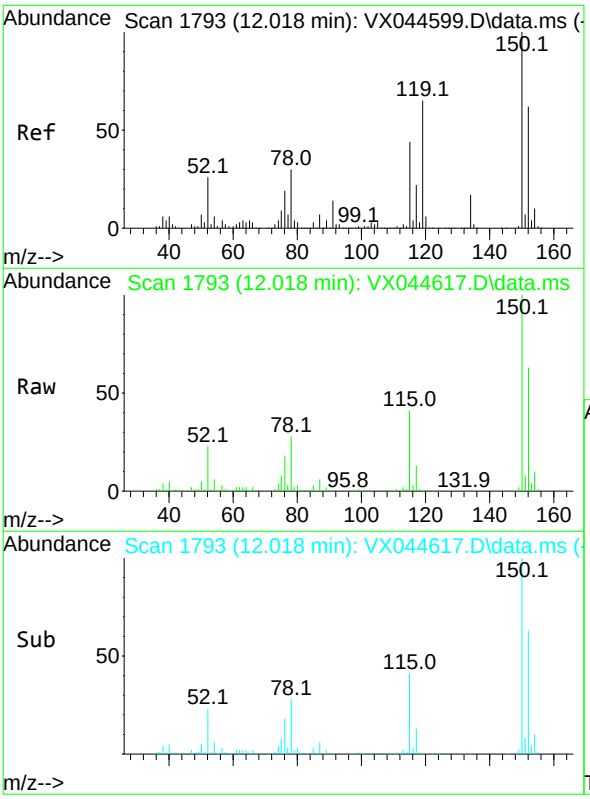
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Tgt Ion:117 Resp: 308423

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.8	71.6
119	32.3	25.0	37.6

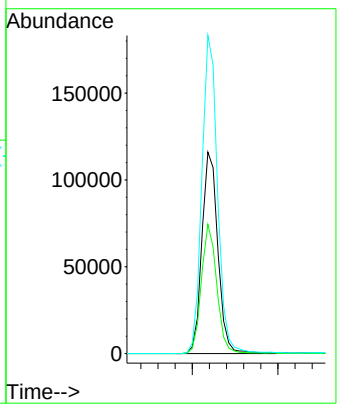




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion:152 Resp: 150386

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.4	133.1
150	155.2	0.0	355.0



Sample Results: **VX044617.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

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\82X010725W.M
Title : SW846 8260

Signal : TIC: VX044617.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	68	81	82	rBV4	12380	32928	2.93%	0.537%
2	2.941	296	304	315	rVB4	4869	12186	1.08%	0.199%
3	5.379	692	704	721	rBV2	130635	384506	34.17%	6.275%
4	5.544	721	731	748	rVB2	213020	616820	54.82%	10.066%
5	5.946	785	797	814	rBV	152695	420057	37.33%	6.855%
6	6.751	921	929	945	rBV	347792	853179	75.82%	13.923%
7	8.647	1233	1240	1257	rBV	681440	1125275	100.00%	18.363%
8	10.049	1465	1470	1486	rBV	726662	1004206	89.24%	16.388%
9	11.079	1634	1639	1652	rBV	570340	752405	66.86%	12.278%
10	12.018	1788	1793	1810	rBV	732755	926267	82.31%	15.116%

Sum of corrected areas: 6127829

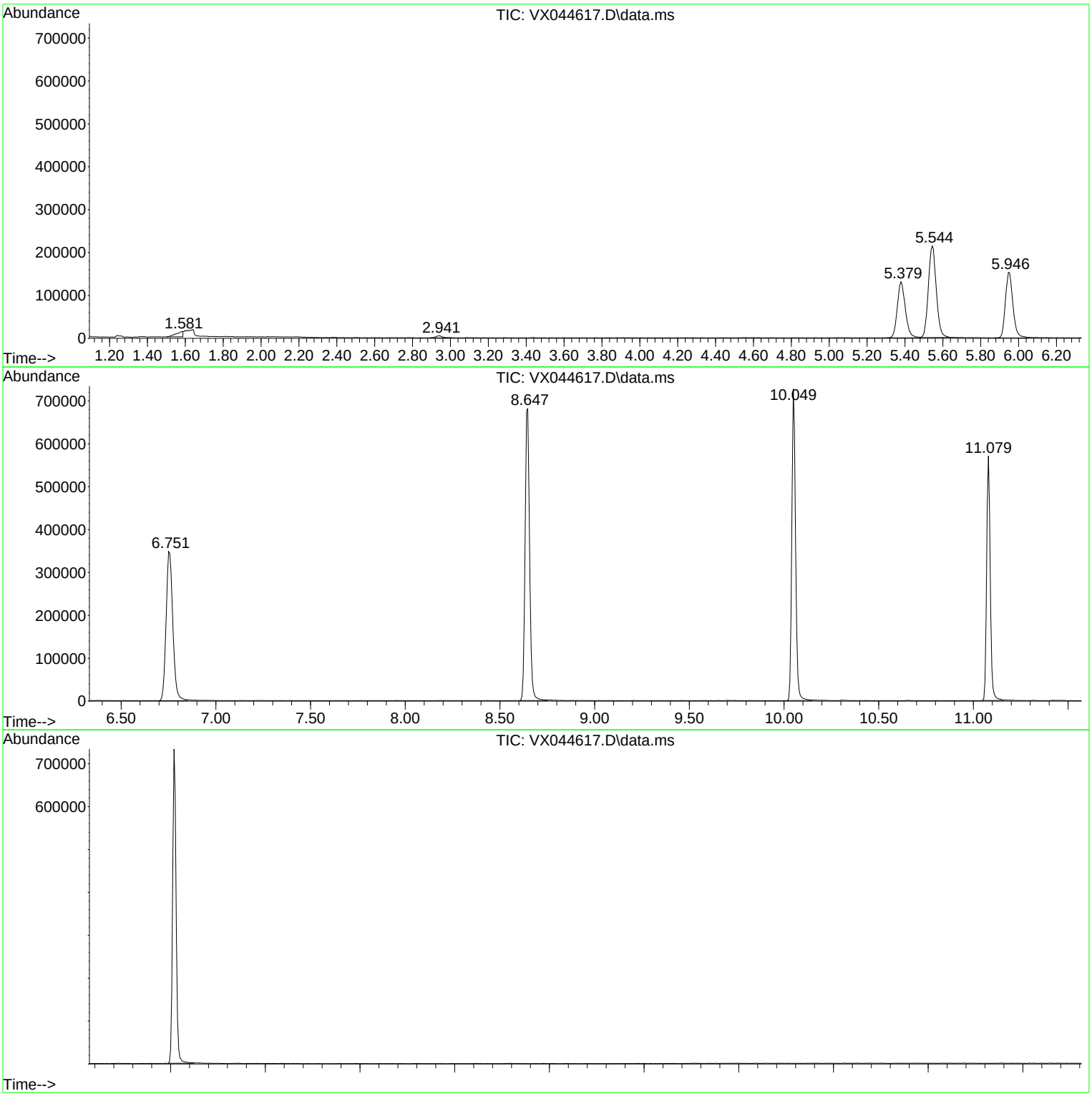
Sample Results: **VX044617.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX044617.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.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\VX010825\
Data File : VX044617.D
Acq On : 08 Jan 2025 10:54
Operator : JC/MD
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.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: **VX044618.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBS01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBS01	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
VX044618.D	1		01/08/25 11:21	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.1		0.21	1.00	ug/L
74-87-3	Chloromethane	19.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	20.3		0.34	1.00	ug/L
74-83-9	Bromomethane	19.9		1.40	5.00	ug/L
75-00-3	Chloroethane	20.5		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.0		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.1		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.4		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	20.1		0.18	1.00	ug/L
67-66-3	Chloroform	19.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.19	1.00	ug/L
71-43-2	Benzene	19.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.9		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.5		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.5		0.18	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:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBS01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBS01	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
VX044618.D	1		01/08/25 11:21	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	20.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.4		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.0		0.31	2.00	ug/L
95-47-6	o-Xylene	19.2		0.14	1.00	ug/L
100-42-5	Styrene	19.7		0.16	1.00	ug/L
75-25-2	Bromoform	19.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.1		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.9		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	5.544			
540-36-3	1,4-Difluorobenzene	325000	6.751			
3114-55-4	Chlorobenzene-d5	286000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	130000	12.018			

Raw Data: **VX044618.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBS01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBS01	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
VX044618.D	1		01/08/25 11:21	VX010825

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

Sample Results: **VX044618.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044618.D
Acq On : 08 Jan 2025 11:21
Operator : JC/MD
Sample : VX0108WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 00:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	187172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	325086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	286466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	153658	50.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	5.373	113	103369	46.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.740%			
50) Toluene-d8	8.641	98	371868	48.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.079	95	130349	48.501	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	57248	21.139	ug/l	98
3) Chloromethane	1.294	50	53537	19.837	ug/l	93
4) Vinyl Chloride	1.374	62	51296	20.261	ug/l	98
5) Bromomethane	1.599	94	26142	19.934	ug/l	98
6) Chloroethane	1.666	64	29649	20.471	ug/l	98
7) Trichlorofluoromethane	1.874	101	77685	20.607	ug/l	95
8) Diethyl Ether	2.130	74	28576	21.453	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	43040	19.913	ug/l	99
10) Methyl Iodide	2.447	142	55725	18.489	ug/l	99
11) Tert butyl alcohol	2.983	59	41988	112.987	ug/l	99
12) 1,1-Dichloroethene	2.313	96	38652	18.459	ug/l	97
13) Acrolein	2.233	56	46001	93.623	ug/l	100
14) Allyl chloride	2.660	41	67251	19.312	ug/l	97
15) Acrylonitrile	3.062	53	112625	105.231	ug/l	98
16) Acetone	2.380	43	103403	108.709	ug/l	99
17) Carbon Disulfide	2.508	76	78079	18.033	ug/l	96
18) Methyl Acetate	2.697	43	58894	20.977	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	143249	19.963	ug/l	99
20) Methylene Chloride	2.782	84	45565	18.777	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	41139	19.143	ug/l	95
22) Diisopropyl ether	3.757	45	142716	19.936	ug/l	97
23) Vinyl Acetate	3.715	43	606651	104.795	ug/l	99
24) 1,1-Dichloroethane	3.605	63	80840	19.380	ug/l	99
25) 2-Butanone	4.556	43	154707	112.683	ug/l	99
26) 2,2-Dichloropropane	4.465	77	69427	19.251	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	49709	18.970	ug/l	99
28) Bromochloromethane	4.891	49	39069	20.121	ug/l	100
29) Tetrahydrofuran	5.001	42	98381	104.640	ug/l	98
30) Chloroform	5.086	83	87759	19.515	ug/l	96
31) Cyclohexane	5.458	56	66367	19.378	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	75856	20.044	ug/l	98
36) 1,1-Dichloropropene	5.684	75	53586	18.590	ug/l	99
37) Ethyl Acetate	4.708	43	62664	21.252	ug/l	99
38) Carbon Tetrachloride	5.672	117	60761	18.999	ug/l	95
39) Methylcyclohexane	7.373	83	69846	18.990	ug/l	97
40) Benzene	6.025	78	172203	18.974	ug/l	99

Sample Results: **VX044618.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044618.D
Acq On : 08 Jan 2025 11:21
Operator : JC/MD
Sample : VX0108WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 00:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.916	41	34788	21.979 ug/l		96
42) 1,2-Dichloroethane	6.080	62	72651	20.469 ug/l		98
43) Isopropyl Acetate	6.336	43	99740	20.503 ug/l		100
44) Trichloroethene	7.117	130	41477	17.878 ug/l		90
45) 1,2-Dichloropropane	7.427	63	42730	19.311 ug/l		94
46) Dibromomethane	7.574	93	33828	19.657 ug/l		97
47) Bromodichloromethane	7.818	83	61194	19.541 ug/l		97
48) Methyl methacrylate	7.690	41	50594	21.806 ug/l		99
49) 1,4-Dioxane	7.659	88	13879	407.059 ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	320742	112.791 ug/l		98
52) Toluene	8.714	92	106780	19.499 ug/l		98
53) t-1,3-Dichloropropene	8.976	75	59699	19.944 ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	65387	19.436 ug/l		93
55) 1,1,2-Trichloroethane	9.147	97	42942	20.003 ug/l		97
56) Ethyl methacrylate	9.116	69	65845	21.090 ug/l		97
57) 1,3-Dichloropropane	9.305	76	74159	20.571 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	135022	87.237 ug/l		100
59) 2-Hexanone	9.427	43	228795	113.766 ug/l		100
60) Dibromochloromethane	9.519	129	43010	20.093 ug/l		96
61) 1,2-Dibromoethane	9.604	107	44332	20.447 ug/l		98
64) Tetrachloroethene	9.269	164	38514	19.015 ug/l		96
65) Chlorobenzene	10.073	112	118181	19.438 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	39726	19.673 ug/l		99
67) Ethyl Benzene	10.189	91	206293	19.759 ug/l		98
68) m/p-Xylenes	10.299	106	157107	40.950 ug/l		96
69) o-Xylene	10.640	106	74308	19.189 ug/l		97
70) Styrene	10.653	104	122032	19.702 ug/l		99
71) Bromoform	10.799	173	25162	19.191 ug/l	#	99
73) Isopropylbenzene	10.957	105	197280	20.467 ug/l		98
74) N-amyl acetate	10.842	43	80816	20.663 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	62580	20.142 ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	54766m	20.998 ug/l		
77) Bromobenzene	11.195	156	46787	19.981 ug/l		96
78) n-propylbenzene	11.299	91	222022	20.449 ug/l		99
79) 2-Chlorotoluene	11.360	91	138624	19.703 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	162858	20.377 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	16130	18.826 ug/l		92
82) 4-Chlorotoluene	11.451	91	159243	20.120 ug/l		100
83) tert-Butylbenzene	11.713	119	163446	20.538 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	165205	20.578 ug/l		100
85) sec-Butylbenzene	11.890	105	197928	20.422 ug/l		100
86) p-Isopropyltoluene	12.006	119	165627	20.367 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	82572	19.493 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	83707	18.967 ug/l		99
89) n-Butylbenzene	12.329	91	138216	20.128 ug/l		99
90) Hexachloroethane	12.536	117	24889	19.052 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	84134	19.655 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11342	19.256 ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	47349	18.821 ug/l		99
94) Hexachlorobutadiene	13.719	225	20361	19.437 ug/l		99
95) Naphthalene	13.774	128	166589	20.523 ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	50149	19.500 ug/l		97

Sample Results: **VX044618.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044618.D
Acq On : 08 Jan 2025 11:21
Operator : JC/MD
Sample : VX0108WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 00:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

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

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

Sample Results: **VX044618.D**

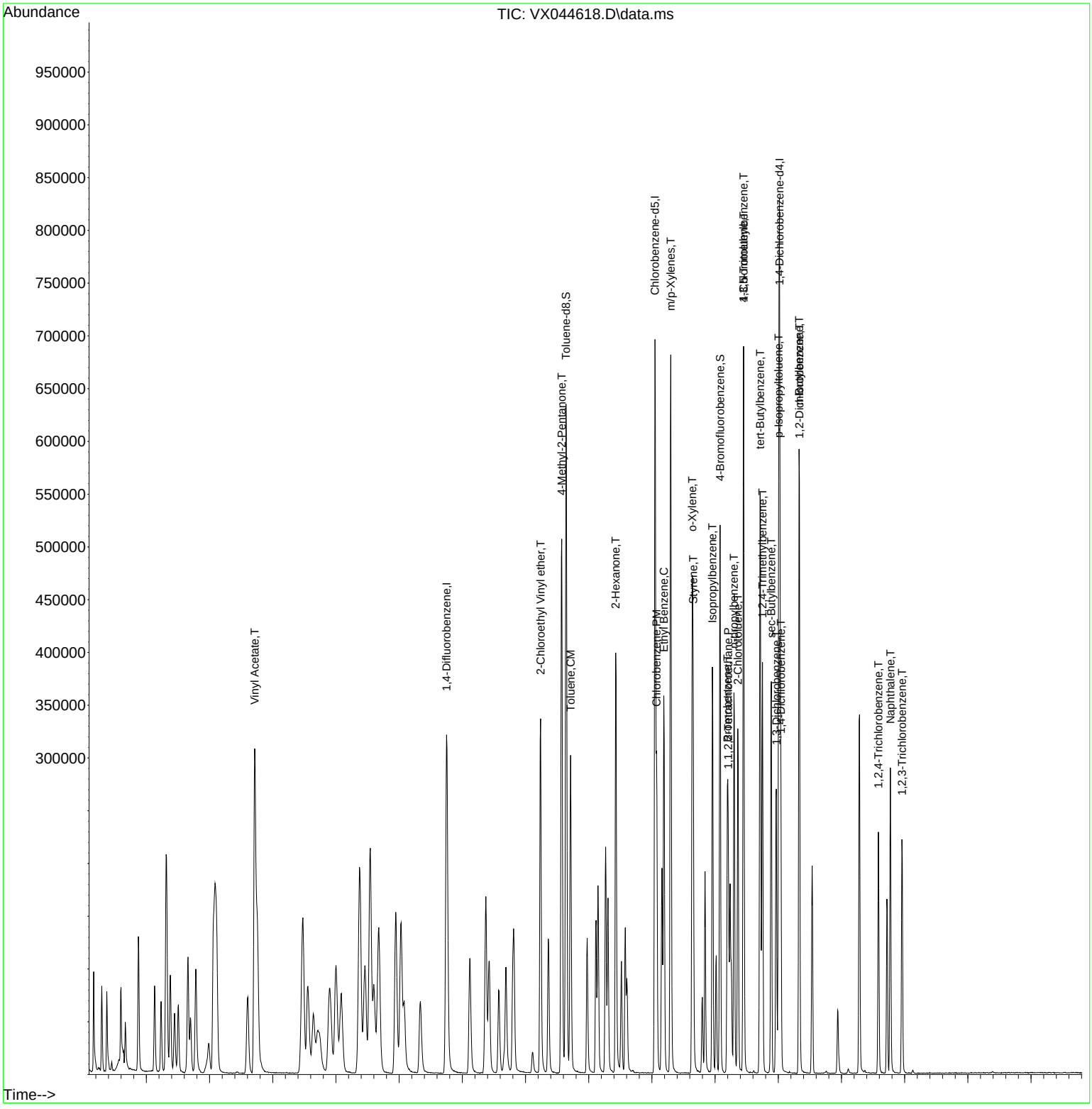
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044618.D
Acq On : 08 Jan 2025 11:21
Operator : JC/MD
Sample : VX0108WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 00:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBSD01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBSD01	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
VX044626.D	1		01/08/25 14:27	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.21	1.00	ug/L
74-87-3	Chloromethane	18.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.34	1.00	ug/L
74-83-9	Bromomethane	17.8		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.3		0.26	1.00	ug/L
67-64-1	Acetone	97.4		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.60	5.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.25	1.00	ug/L
74-97-5	Bromochloromethane	19.7		0.18	1.00	ug/L
67-66-3	Chloroform	18.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.6		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.1		0.19	1.00	ug/L
71-43-2	Benzene	17.8		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	17.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L
108-88-3	Toluene	17.8		0.18	1.00	ug/L

Raw Data: **VX044626.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBSD01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBSD01	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
VX044626.D	1		01/08/25 14:27	VX010825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.5		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.8		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	17.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	17.4		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.1		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	37.3		0.31	2.00	ug/L
95-47-6	o-Xylene	17.9		0.14	1.00	ug/L
100-42-5	Styrene	18.2		0.16	1.00	ug/L
75-25-2	Bromoform	16.8		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	16.2		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.3		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.3		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.7		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.9		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.1		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	5.544			
540-36-3	1,4-Difluorobenzene	331000	6.757			
3114-55-4	Chlorobenzene-d5	284000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	149000	12.018			

Raw Data: **VX044626.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	VX0108WBSD01	SDG No.:	Q1036
Lab Sample ID:	VX0108WBSD01	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
VX044626.D	1		01/08/25 14:27	VX010825

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

Sample Results: **VX044626.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044626.D
Acq On : 08 Jan 2025 14:27
Operator : JC/MD
Sample : VX0108WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 09 00:29:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	190547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	330921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	284416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	162894	53.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.040%			
35) Dibromofluoromethane	5.379	113	112280	49.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	388160	50.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	135363	49.478	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51413	18.648	ug/l	97
3) Chloromethane	1.294	50	51515	18.750	ug/l	100
4) Vinyl Chloride	1.374	62	46688	18.114	ug/l	99
5) Bromomethane	1.593	94	23746	17.786	ug/l	99
6) Chloroethane	1.666	64	26252	17.804	ug/l	99
7) Trichlorofluoromethane	1.874	101	67839	17.677	ug/l	100
8) Diethyl Ether	2.130	74	27949	20.611	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	38848	17.655	ug/l	98
10) Methyl Iodide	2.447	142	52288	17.041	ug/l	98
11) Tert butyl alcohol	2.989	59	37115	98.105	ug/l	98
12) 1,1-Dichloroethene	2.312	96	36839	17.282	ug/l	95
13) Acrolein	2.233	56	46412	92.786	ug/l	100
14) Allyl chloride	2.660	41	65600	18.504	ug/l	98
15) Acrylonitrile	3.062	53	106370	97.626	ug/l	100
16) Acetone	2.380	43	94359	97.444	ug/l	99
17) Carbon Disulfide	2.501	76	69797	15.835	ug/l	98
18) Methyl Acetate	2.703	43	56870	19.898	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	136729	18.717	ug/l	99
20) Methylene Chloride	2.782	84	44776	18.125	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	37872	17.311	ug/l	92
22) Diisopropyl ether	3.757	45	137766	18.903	ug/l	95
23) Vinyl Acetate	3.715	43	569873	96.698	ug/l	100
24) 1,1-Dichloroethane	3.605	63	79279	18.669	ug/l	99
25) 2-Butanone	4.556	43	144845	103.631	ug/l	98
26) 2,2-Dichloropropane	4.465	77	63850	17.391	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	47877	17.947	ug/l	98
28) Bromochloromethane	4.891	49	38864	19.661	ug/l	96
29) Tetrahydrofuran	5.007	42	93921	98.127	ug/l	99
30) Chloroform	5.086	83	84458	18.449	ug/l	100
31) Cyclohexane	5.464	56	62049	17.796	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	71785	18.632	ug/l	99
36) 1,1-Dichloropropene	5.684	75	52882	18.022	ug/l	97
37) Ethyl Acetate	4.721	43	58043	19.337	ug/l	98
38) Carbon Tetrachloride	5.666	117	55654	17.095	ug/l	95
39) Methylcyclohexane	7.373	83	64127	17.128	ug/l	95
40) Benzene	6.031	78	164343	17.789	ug/l	100

Sample Results: **VX044626.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044626.D
Acq On : 08 Jan 2025 14:27
Operator : JC/MD
Sample : VX0108WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 09 00:29:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	32847	20.387 ug/l		97
42) 1,2-Dichloroethane	6.080	62	69152	19.140 ug/l		99
43) Isopropyl Acetate	6.336	43	96468	19.481 ug/l		99
44) Trichloroethene	7.116	130	40044	16.956 ug/l		99
45) 1,2-Dichloropropane	7.427	63	41716	18.520 ug/l		98
46) Dibromomethane	7.580	93	31043	17.721 ug/l		98
47) Bromodichloromethane	7.818	83	56463	17.712 ug/l		98
48) Methyl methacrylate	7.696	41	46211	19.565 ug/l		98
49) 1,4-Dioxane	7.665	88	14334	412.991 ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	292072	100.898 ug/l		98
52) Toluene	8.714	92	99225	17.800 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	53255	17.477 ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	61015	17.817 ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	38253	17.504 ug/l		98
56) Ethyl methacrylate	9.116	69	58538	18.419 ug/l		97
57) 1,3-Dichloropropane	9.305	76	70628	19.246 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	144964	92.009 ug/l		99
59) 2-Hexanone	9.433	43	210644	102.894 ug/l		100
60) Dibromochloromethane	9.518	129	37769	17.333 ug/l		100
61) 1,2-Dibromoethane	9.610	107	40477	18.340 ug/l		97
64) Tetrachloroethene	9.269	164	35070	17.440 ug/l		99
65) Chlorobenzene	10.073	112	109389	18.122 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	35390	17.652 ug/l		99
67) Ethyl Benzene	10.189	91	190050	18.334 ug/l		100
68) m/p-Xylenes	10.299	106	142037	37.289 ug/l		97
69) o-Xylene	10.640	106	68740	17.879 ug/l		99
70) Styrene	10.652	104	112092	18.228 ug/l		98
71) Bromoform	10.799	173	21665	16.796 ug/l	#	99
73) Isopropylbenzene	10.957	105	178822	16.193 ug/l		99
74) N-amyl acetate	10.841	43	74143	16.546 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	65062	18.278 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	54537m	18.252 ug/l		
77) Bromobenzene	11.195	156	47326	17.641 ug/l		98
78) n-propylbenzene	11.299	91	223640	17.979 ug/l		97
79) 2-Chlorotoluene	11.360	91	143301	17.778 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	171121	18.688 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	13739	13.996 ug/l		88
82) 4-Chlorotoluene	11.451	91	159910	17.635 ug/l		99
83) tert-Butylbenzene	11.713	119	160443	17.597 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	165774	18.023 ug/l		99
85) sec-Butylbenzene	11.890	105	197497	17.786 ug/l		100
86) p-Isopropyltoluene	12.006	119	172949	18.563 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	80029	16.490 ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	87561	17.317 ug/l		100
89) n-Butylbenzene	12.329	91	131637	16.732 ug/l		98
90) Hexachloroethane	12.536	117	23024	15.383 ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	86623	17.663 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11389	16.877 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	45920	15.932 ug/l		99
94) Hexachlorobutadiene	13.725	225	19470	16.223 ug/l		98
95) Naphthalene	13.774	128	156802	16.861 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	50483	17.134 ug/l		99

Sample Results: **VX044626.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044626.D
Acq On : 08 Jan 2025 14:27
Operator : JC/MD
Sample : VX0108WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:29:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

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

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

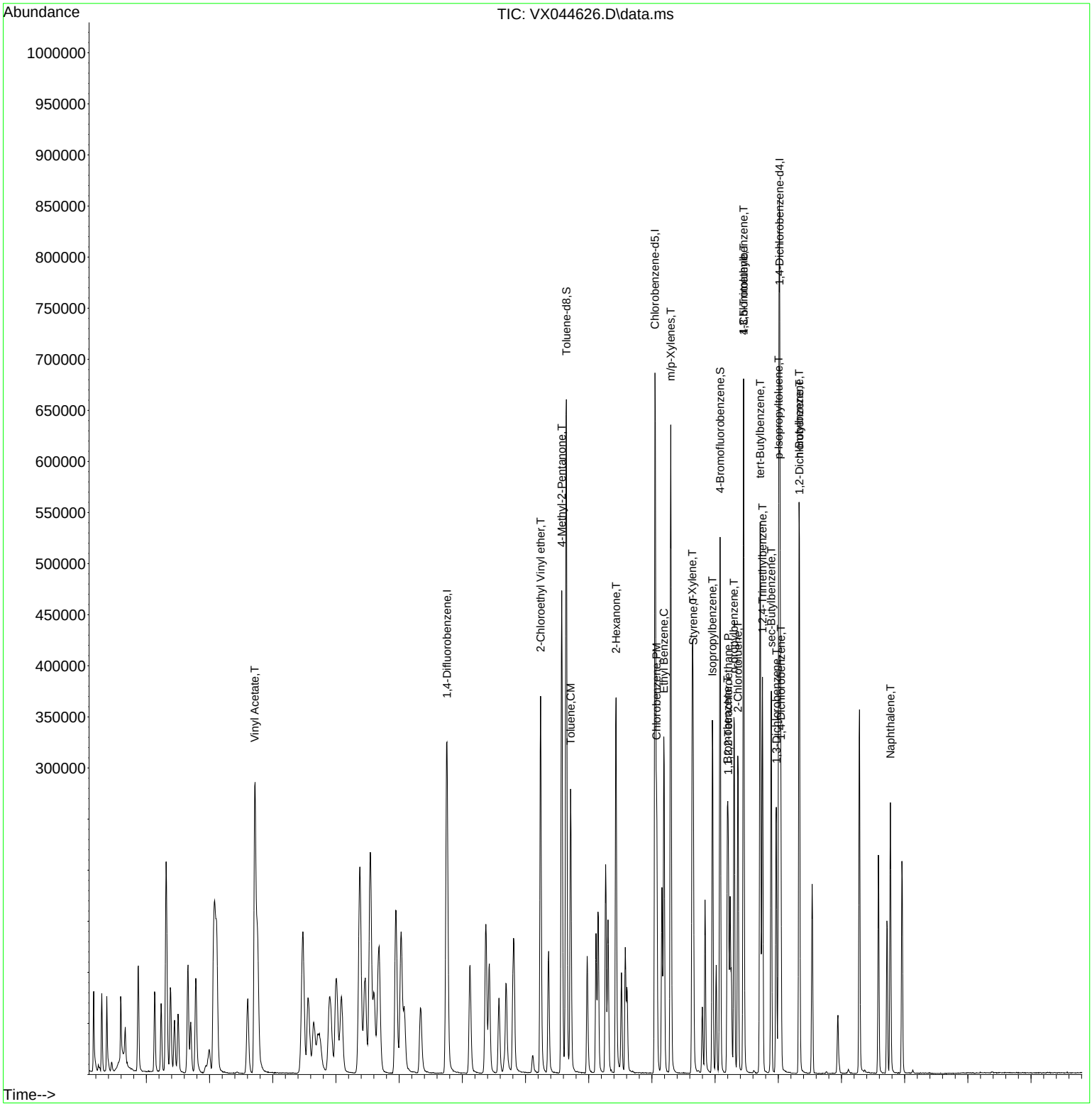
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044626.D
Acq On : 08 Jan 2025 14:27
Operator : JC/MD
Sample : VX0108WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 09 00:29:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



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

Manual Integration Report

Sequence:	VX010725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX044596.D	1,1,2-Trichlorotrifluoroethane	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	1,4-Dichlorobenzene	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	1,4-Dioxane	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	Ethyl Acetate	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	Isopropyl Acetate	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	Methacrylonitrile	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	Methyl methacrylate	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC001	VX044596.D	Trichloroethene	JOHN	1/8/2025 9:37:15 AM	MMDadoda	1/8/2025 3:16:52 PM	Peak Integrated by Software
VSTDICC005	VX044597.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:19 AM	MMDadoda	1/8/2025 3:16:54 PM	Peak Integrated by Software
VSTDICC020	VX044598.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:24 AM	MMDadoda	1/8/2025 3:16:56 PM	Peak Integrated by Software
VSTDICCC050	VX044599.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:28 AM	MMDadoda	1/8/2025 3:16:58 PM	Peak Integrated by Software
VSTDICC100	VX044600.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:32 AM	MMDadoda	1/8/2025 3:17:01 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX010725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC150	VX044601.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:37 AM	MMDadoda	1/8/2025 3:17:05 PM	Peak Integrated by Software
VSTDICV050	VX044603.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:37:46 AM	MMDadoda	1/8/2025 3:17:09 PM	Peak Integrated by Software
VSTDCCC050	VX044613.D	1,2,3-Trichloropropane	JOHN	1/8/2025 9:38:08 AM	MMDadoda	1/8/2025 3:17:16 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX010825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044615.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:53:30 AM	SAM	1/9/2025 10:08:04 AM	Peak Integrated by Software
VX0108WBS01	VX044618.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:53:35 AM	SAM	1/9/2025 10:08:16 AM	Peak Integrated by Software
VX0108WBSD01	VX044626.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:53:44 AM	SAM	1/9/2025 10:08:37 AM	Peak Integrated by Software
VSTDCCC050	VX044632.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:30 AM	SAM	1/9/2025 10:08:46 AM	Peak Integrated by Software
VSTDICC005	VX044634.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:34 AM	SAM	1/9/2025 10:09:00 AM	Peak Integrated by Software
VSTDICC005	VX044634.D	cis-1,2-Dichloroethene	JOHN	1/9/2025 9:57:34 AM	SAM	1/9/2025 10:09:00 AM	Peak Integrated by Software
VSTDICC005	VX044634.D	Ethyl Acetate	JOHN	1/9/2025 9:57:34 AM	SAM	1/9/2025 10:09:00 AM	Peak Integrated by Software
VSTDICC005	VX044634.D	tert-Butyl Alcohol	JOHN	1/9/2025 9:57:34 AM	SAM	1/9/2025 10:09:00 AM	Peak Integrated by Software
VSTDICCC020	VX044635.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:38 AM	SAM	1/9/2025 10:09:55 AM	Peak Integrated by Software
VSTDICC050	VX044636.D	1,1,1-Trichloroethane	JOHN	1/9/2025 9:57:43 AM	SAM	1/9/2025 10:10:06 AM	Peak Integrated by Software
VSTDICC050	VX044636.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:43 AM	SAM	1/9/2025 10:10:06 AM	Peak Integrated by Software
VSTDICC100	VX044637.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:47 AM	SAM	1/9/2025 10:10:16 AM	Peak Integrated by Software
VSTDICC150	VX044638.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:52 AM	SAM	1/9/2025 10:13:57 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX010825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV020	VX044640.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:57:58 AM	SAM	1/9/2025 10:14:11 AM	Peak Integrated by Software
VSTDICV020	VX044640.D	tert-Butyl Alcohol	JOHN	1/9/2025 9:57:58 AM	SAM	1/9/2025 10:14:11 AM	Peak Integrated by Software
VSTDCCC020	VX044646.D	1,2,3-Trichloropropane	JOHN	1/9/2025 9:58:30 AM	SAM	1/9/2025 10:15:29 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010725

Review By	John Carlone	Review On	1/8/2025 9:39:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	1/8/2025 3:17:27 PM		
SubDirectory	VX010725	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132436
Initial Calibration Stds	VP132441,VP132442,VP132443,VP132444,VP132445,VP132446
CCC	VP132437
Internal Standard/PEM	
ICV/I.BLK	VP132447
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044595.D	07 Jan 2025 09:14	JC/MD	Ok
2	VSTDICC001	VX044596.D	07 Jan 2025 10:06	JC/MD	Ok,M
3	VSTDICC005	VX044597.D	07 Jan 2025 10:29	JC/MD	Ok,M
4	VSTDICC020	VX044598.D	07 Jan 2025 10:51	JC/MD	Ok,M
5	VSTDICCC050	VX044599.D	07 Jan 2025 11:14	JC/MD	Ok,M
6	VSTDICC100	VX044600.D	07 Jan 2025 11:37	JC/MD	Ok,M
7	VSTDICC150	VX044601.D	07 Jan 2025 12:00	JC/MD	Ok,M
8	IBLK	VX044602.D	07 Jan 2025 12:23	JC/MD	Ok,M
9	VSTDICV050	VX044603.D	07 Jan 2025 15:34	JC/MD	Ok,M
10	VX0107WBL01	VX044604.D	07 Jan 2025 16:06	JC/MD	Ok
11	VX0107WBS01	VX044605.D	07 Jan 2025 16:29	JC/MD	Not Ok
12	VX0107WBS02	VX044606.D	07 Jan 2025 16:57	JC/MD	Ok,M
13	VX0107WBSD02	VX044607.D	07 Jan 2025 17:19	JC/MD	Ok,M
14	Q1004-04	VX044608.D	07 Jan 2025 17:42	JC/MD	Ok
15	Q1022-01	VX044609.D	07 Jan 2025 18:05	JC/MD	Ok
16	Q1022-03	VX044610.D	07 Jan 2025 18:28	JC/MD	Ok
17	Q1022-04	VX044611.D	07 Jan 2025 18:51	JC/MD	Ok
18	Q1022-02	VX044612.D	07 Jan 2025 19:14	JC/MD	Ok
19	VSTDCCC050	VX044613.D	07 Jan 2025 19:37	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010825

Review By	John Carlone	Review On	1/8/2025 4:16:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/9/2025 10:18:51 AM		
SubDirectory	VX010825	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132454,VP132460
Initial Calibration Stds	VP132462,VP132463,VP132464,VP132465,VP132466
CCC	VP132455,VP132456,VP132461,VP132478,VP132479
Internal Standard/PEM	
ICV/I.BLK	VP132467
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044614.D	08 Jan 2025 09:29	JC/MD	Ok
2	VSTDCCC050	VX044615.D	08 Jan 2025 10:02	JC/MD	Ok,M
3	VX0108MBL01	VX044616.D	08 Jan 2025 10:31	JC/MD	Ok
4	VX0108WBL01	VX044617.D	08 Jan 2025 10:54	JC/MD	Ok
5	VX0108WBS01	VX044618.D	08 Jan 2025 11:21	JC/MD	Ok,M
6	VX0108MBS01	VX044619.D	08 Jan 2025 11:47	JC/MD	Ok,M
7	Q1007-01	VX044620.D	08 Jan 2025 12:10	JC/MD	Ok
8	IBLK	VX044621.D	08 Jan 2025 12:33	JC/MD	Ok
9	Q1006-01	VX044622.D	08 Jan 2025 12:56	JC/MD	Ok
10	Q1006-02	VX044623.D	08 Jan 2025 13:19	JC/MD	Ok
11	Q1006-03	VX044624.D	08 Jan 2025 13:42	JC/MD	Ok
12	Q1006-04	VX044625.D	08 Jan 2025 14:04	JC/MD	Ok
13	VX0108WBSD01	VX044626.D	08 Jan 2025 14:27	JC/MD	Ok,M
14	Q1032-01	VX044627.D	08 Jan 2025 14:50	JC/MD	Dilution
15	Q1033-01	VX044628.D	08 Jan 2025 15:13	JC/MD	ReRun
16	Q1029-01ME	VX044629.D	08 Jan 2025 15:36	JC/MD	Ok
17	Q1036-01	VX044630.D	08 Jan 2025 15:59	JC/MD	Ok
18	Q1032-01	VX044631.D	08 Jan 2025 16:21	JC/MD	Not Ok
19	VSTDCCC050	VX044632.D	08 Jan 2025 16:44	JC/MD	Ok,M
20	BFB	VX044633.D	08 Jan 2025 23:47	JC/MD	Ok
21	VSTDICC005	VX044634.D	09 Jan 2025 00:09	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010825

Review By	John Carlone	Review On	1/8/2025 4:16:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/9/2025 10:18:51 AM		
SubDirectory	VX010825	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132454,VP132460
Initial Calibration Stds	VP132462,VP132463,VP132464,VP132465,VP132466
CCC	VP132455,VP132456,VP132461,VP132478,VP132479
Internal Standard/PEM	
ICV/I.BLK	VP132467
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDICCC020	VX044635.D	09 Jan 2025 00:32	JC/MD	Ok,M
23	VSTDICC050	VX044636.D	09 Jan 2025 00:55	JC/MD	Ok,M
24	VSTDICC100	VX044637.D	09 Jan 2025 01:18	JC/MD	Ok,M
25	VSTDICC150	VX044638.D	09 Jan 2025 01:40	JC/MD	Ok,M
26	IBLK	VX044639.D	09 Jan 2025 02:03	JC/MD	Ok
27	VSTDICV020	VX044640.D	09 Jan 2025 02:26	JC/MD	Ok,M
28	VX0108WBS02	VX044641.D	09 Jan 2025 03:11	JC/MD	Ok,M
29	VX0108WBSD02	VX044642.D	09 Jan 2025 03:34	JC/MD	Ok,M
30	VX0108WBL02	VX044643.D	09 Jan 2025 03:57	JC/MD	Ok
31	P4368-07 2.5PPB	VX044644.D	09 Jan 2025 04:42	JC/MD	Ok,M
32	P4368-08 5.00PPB	VX044645.D	09 Jan 2025 05:05	JC/MD	Ok,M
33	VSTDCCC020	VX044646.D	09 Jan 2025 05:27	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010725

Review By	John Carlone	Review On	1/8/2025 9:39:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	1/8/2025 3:17:27 PM		
SubDirectory	VX010725	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132436
Initial Calibration Stds	VP132441,VP132442,VP132443,VP132444,VP132445,VP132446
CCC	VP132437
Internal Standard/PEM	
ICV/I.BLK	VP132447
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044595.D	07 Jan 2025 09:14		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX044596.D	07 Jan 2025 10:06		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX044597.D	07 Jan 2025 10:29	Comp.#71 is on Quadratic Regression	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX044598.D	07 Jan 2025 10:51		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX044599.D	07 Jan 2025 11:14		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX044600.D	07 Jan 2025 11:37		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX044601.D	07 Jan 2025 12:00		JC/MD	Ok,M
8	IBLK	IBLK	VX044602.D	07 Jan 2025 12:23		JC/MD	Ok,M
9	VSTDICV050	ICVVX010725	VX044603.D	07 Jan 2025 15:34		JC/MD	Ok,M
10	VX0107WBL01	VX0107WBL01	VX044604.D	07 Jan 2025 16:06		JC/MD	Ok
11	VX0107WBS01	VX0107WBS01	VX044605.D	07 Jan 2025 16:29	Recovery Fail	JC/MD	Not Ok
12	VX0107WBS02	VX0107WBS02	VX044606.D	07 Jan 2025 16:57		JC/MD	Ok,M
13	VX0107WBSD02	VX0107WBSD02	VX044607.D	07 Jan 2025 17:19		JC/MD	Ok,M
14	Q1004-04	BP-VPB-190A-GW-778	VX044608.D	07 Jan 2025 17:42	vial B pH<2	JC/MD	Ok
15	Q1022-01	BP-VPB-190A-TB-2025	VX044609.D	07 Jan 2025 18:05	vial A pH<2 TB	JC/MD	Ok
16	Q1022-03	BP-VPB-190A-GW-838	VX044610.D	07 Jan 2025 18:28	vial A+B pH<2	JC/MD	Ok
17	Q1022-04	BP-VPB-190A-GW-858	VX044611.D	07 Jan 2025 18:51	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010725

Review By	John Carlone	Review On	1/8/2025 9:39:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	1/8/2025 3:17:27 PM		
SubDirectory	VX010725	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132436
Initial Calibration Stds	VP132441,VP132442,VP132443,VP132444,VP132445,VP132446
CCC	VP132437
Internal Standard/PEM	
ICV/I.BLK	VP132447
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1022-02	BP-VPB-190A-DUP-20	VX044612.D	07 Jan 2025 19:14	vial A pH<2	JC/MD	Ok
19	VSTDCCC050	VSTDCCC050EC	VX044613.D	07 Jan 2025 19:37		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010825

Review By	John Carlone	Review On	1/8/2025 4:16:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/9/2025 10:18:51 AM		
SubDirectory	VX010825	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132454,VP132460
Initial Calibration Stds	VP132462,VP132463,VP132464,VP132465,VP132466
CCC	VP132455,VP132456,VP132461,VP132478,VP132479
Internal Standard/PEM	
ICV/I.BLK	VP132467
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044614.D	08 Jan 2025 09:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044615.D	08 Jan 2025 10:02	V13516	JC/MD	Ok,M
3	VX0108MBL01	VX0108MBL01	VX044616.D	08 Jan 2025 10:31		JC/MD	Ok
4	VX0108WBL01	VX0108WBL01	VX044617.D	08 Jan 2025 10:54		JC/MD	Ok
5	VX0108WBS01	VX0108WBS01	VX044618.D	08 Jan 2025 11:21		JC/MD	Ok,M
6	VX0108MBS01	VX0108MBS01	VX044619.D	08 Jan 2025 11:47		JC/MD	Ok,M
7	Q1007-01	WD-01	VX044620.D	08 Jan 2025 12:10	cloth material	JC/MD	Ok
8	IBLK	IBLK	VX044621.D	08 Jan 2025 12:33		JC/MD	Ok
9	Q1006-01	Storage-Blank-SOIL-RE	VX044622.D	08 Jan 2025 12:56	vial A pH<2	JC/MD	Ok
10	Q1006-02	Storage-Blank-WATER-	VX044623.D	08 Jan 2025 13:19	vial A pH<2	JC/MD	Ok
11	Q1006-03	Storage-Blank-WATER-	VX044624.D	08 Jan 2025 13:42	vial A pH<2	JC/MD	Ok
12	Q1006-04	Storage-Blank-SAMPLE	VX044625.D	08 Jan 2025 14:04	vial A pH<2	JC/MD	Ok
13	VX0108WBSD01	VX0108WBSD01	VX044626.D	08 Jan 2025 14:27	BSD failed low for comp. #73,81,90	JC/MD	Ok,M
14	Q1032-01	50492	VX044627.D	08 Jan 2025 14:50	vial A pH<2 Need 400X; BSD failed low for comp. #73	JC/MD	Dilution
15	Q1033-01	28612	VX044628.D	08 Jan 2025 15:13	E flage in previous sample; BSD failed low for comp. #73	JC/MD	ReRun
16	Q1029-01ME	HR-02-01072025ME	VX044629.D	08 Jan 2025 15:36		JC/MD	Ok
17	Q1036-01	NP-WS-002	VX044630.D	08 Jan 2025 15:59	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX010825

Review By	John Carlone	Review On	1/8/2025 4:16:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/9/2025 10:18:51 AM		
SubDirectory	VX010825	HP Acquire Method		HP Processing Method	82X010725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132454,VP132460
Initial Calibration Stds	VP132462,VP132463,VP132464,VP132465,VP132466
CCC	VP132455,VP132456,VP132461,VP132478,VP132479
Internal Standard/PEM	
ICV/I.BLK	VP132467
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1032-01	50492	VX044631.D	08 Jan 2025 16:21	run 200x	JC/MD	Not Ok
19	VSTDCCC050	VSTDCCC050EC	VX044632.D	08 Jan 2025 16:44		JC/MD	Ok,M
20	BFB	BFB	VX044633.D	08 Jan 2025 23:47		JC/MD	Ok
21	VSTDICC005	VSTDICC005	VX044634.D	09 Jan 2025 00:09		JC/MD	Ok,M
22	VSTDICCC020	VSTDICCC020	VX044635.D	09 Jan 2025 00:32		JC/MD	Ok,M
23	VSTDICC050	VSTDICC050	VX044636.D	09 Jan 2025 00:55		JC/MD	Ok,M
24	VSTDICC100	VSTDICC100	VX044637.D	09 Jan 2025 01:18		JC/MD	Ok,M
25	VSTDICC150	VSTDICC150	VX044638.D	09 Jan 2025 01:40		JC/MD	Ok,M
26	IBLK	IBLK	VX044639.D	09 Jan 2025 02:03		JC/MD	Ok
27	VSTDICV020	ICVVX010825	VX044640.D	09 Jan 2025 02:26		JC/MD	Ok,M
28	VX0108WBS02	VX0108WBS02	VX044641.D	09 Jan 2025 03:11		JC/MD	Ok,M
29	VX0108WBSD02	VX0108WBSD02	VX044642.D	09 Jan 2025 03:34		JC/MD	Ok,M
30	VX0108WBL02	VX0108WBL02	VX044643.D	09 Jan 2025 03:57		JC/MD	Ok
31	P4368-07 2.5PPB	LOD-MDL-WATER-01-(	VX044644.D	09 Jan 2025 04:42		JC/MD	Ok,M
32	P4368-08 5.00PPB	LOQ-WATER-02-QT4-2	VX044645.D	09 Jan 2025 05:05		JC/MD	Ok,M
33	VSTDCCC020	VSTDCCC020EC	VX044646.D	09 Jan 2025 05:27		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

ENTACT

Q1036

CHAIN OF CUSTODY RECORD

NO. 1 OF 2

COMPANY INFORMATION		PROJECT INFORMATION	
LOCATION	ENTACT LLC	PROJECT	North Point
ATTN	Wyatt Seel	BILLING INFORMATION	
ADDRESS	150 Bay Street, Suite 801	BILL TO	ENTACT LLC
	Jersey City, NJ	ADDRESS	999 Oakmont Plaza Drive Suite 300
			Westmont, IL 60559
PHONE	419-266-4671	PHONE	630-986-2900
FAX		FAX	PO# E9306

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	REQUESTED ANALYSIS/METHOD: VOC's (8260)	8 RCRA Metals (6010) plus copper, nickel, zinc, cobalt, Iron Aluminum, and Tin	PCBs (8082)	COMMENTS
NP-WS-002	Water Sample	1-8-24	10:30	W	WC	Mixed	10	X	X	X	

SAMPLER: A. Farmerie | SHIPMENT: courier | AIRBILL:

REQUIRED TURNAROUND: ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: Temp 3.3c

1. RELINQUISHED BY	DATE	2. RELINQUISHED BY	DATE	3. RELINQUISHED BY	DATE
SIGNATURE:	1100	SIGNATURE:		SIGNATURE:	1331
PRINTED NAME/COMPANY: Austin Farmerie ENTACT	1-8-25	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY: Jahmir Davis alliance	1-8-25
1. RECEIVED BY	DATE	2. RECEIVED BY	DATE	3. RECEIVED BY	DATE
SIGNATURE:	1100	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Jahmir Davis Alliance	1-8-25	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	

CHEMTECH 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

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1036 ENTA05
Client Name : ENTACT
Client Contact : Wyatt Seel
Invoice Name : ENTACT
Invoice Contact : Wyatt Seel

Order Date : 1/8/2025 1:06:00 PM
Project Name : North Point
Receive DateTime : 1/8/2025 11:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
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
Q1036-01	NP-WS-002	Water	01/08/2025	10:30					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 1-8-25 1350

Received By :
Date / Time : 01/08/25

Storage Area : **VOA Refridgerator Room**