284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1641

Project ID : North Point - 4101 Arthur Kill Rd - E9306

Client : ENTACT

Lab Sample Number	Client Sample Number
Q1641-02	NP-WS-003

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: 3/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1641**

	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: **KORI AMARNATH** **Date:** **03/28/2025**

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LAB CHRONICLE

OrderID:	Q1641	**OrderDate:**	3/25/2025 1:48:00 PM
Client:	ENTACT	**Project:**	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Jarod Stanfield	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1641-02	**NP-WS-003**	**Water**			**03/25/25**			**03/25/25**
			VOC-TCLVOA-10	8260D			03/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1641

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**NP-WS-003**								
Q1641-02	NP-WS-003	Water	Acetone		9.20	J	1.50	25.0	ug/L
Q1641-02	NP-WS-003	Water	Methylene Chloride		5.70		0.28	5.00	ug/L
			Total Voc :		14.9				
Q1641-02	NP-WS-003	Water	Acetic acid	*	5.20	J	0	0	ug/L
Q1641-02	NP-WS-003	Water	Naphthalene, 1,6-dimethyl-	*	8.30	J	0	0	ug/L
Q1641-02	NP-WS-003	Water	Naphthalene, 2,7-dimethyl-	*	13.4	J	0	0	ug/L
Q1641-02	NP-WS-003	Water	Tert butyl alcohol	*	140	J	5.50	25.0	ug/L
			Total Tics :		167				
			Total Concentration:		182				

QC SUMMARY

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Surrogate Summary

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1641-02	NP-WS-003	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	47.4	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.5	91	70 (77)	130 (121)

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Surrogate Summary

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VN0326WBL01	VN0326WBL01	1,2-Dichloroethane-d4	50	58.2	116	70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108	70 (75)	130 (124)
		Toluene-d8	50	48.6	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.0	86	70 (77)	130 (121)
VN0326WBS01	VN0326WBS01	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104	70 (75)	130 (124)
		Toluene-d8	50	53.5	107	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100	70 (77)	130 (121)
VN0326WBSD0	VN0326WBSD01	1,2-Dichloroethane-d4	50	49.1	98	70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99	70 (75)	130 (124)
		Toluene-d8	50	51.3	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.0	100	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VN086121.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0326WBS01	Dichlorodifluoromethane	20	17.7	ug/L	89			40 (69)	160 (116)	
	Chloromethane	20	20.3	ug/L	102			40 (65)	160 (116)	
	Vinyl chloride	20	21.1	ug/L	106			70 (65)	130 (117)	
	Bromomethane	20	19.9	ug/L	100			40 (58)	160 (125)	
	Chloroethane	20	21.1	ug/L	106			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.4	ug/L	92			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	Acetone	100	90.8	ug/L	91			40 (60)	160 (125)	
	Carbon disulfide	20	17.2	ug/L	86			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.2	ug/L	91			70 (78)	130 (114)	
	Methyl Acetate	20	23.3	ug/L	117			70 (67)	130 (125)	
	Methylene Chloride	20	20.0	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.9	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	19.1	ug/L	96			70 (75)	130 (110)	
	2-Butanone	100	97.1	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.7	ug/L	99			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	20.0	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			70 (80)	130 (108)	
	Methylcyclohexane	20	17.5	ug/L	88			70 (72)	130 (115)	
	Benzene	20	20.5	ug/L	103			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.3	ug/L	97			70 (80)	130 (115)	
	Trichloroethene	20	18.3	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.3	ug/L	106			70 (83)	130 (111)	
	Bromodichloromethane	20	19.9	ug/L	100			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.9	ug/L	104			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.1	ug/L	96			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.1	ug/L	106			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.0	ug/L	100			70 (81)	130 (110)	
	Tetrachloroethene	20	20.8	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	39.8	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.3	ug/L	97			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.0	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	17.8	ug/L	89			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.1	ug/L	96			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.2	ug/L	91			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VN086121.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0326WBS01	1,2-Dibromo-3-Chloropropane	20	17.4	ug/L	87			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	15.1	ug/L	76			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	15.6	ug/L	78			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VN086131.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0326WBSD01	Dichlorodifluoromethane	20	18.3	ug/L	92	3		40 (69)	160 (116)	20 (20)
	Chloromethane	20	20.5	ug/L	103	1		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	22.0	ug/L	110	4		70 (65)	130 (117)	20 (20)
	Bromomethane	20	20.7	ug/L	104	4		40 (58)	160 (125)	20 (20)
	Chloroethane	20	21.9	ug/L	110	4		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.1	ug/L	96	4		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104	3		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	20.4	ug/L	102	6		70 (74)	130 (110)	20 (20)
	Acetone	100	94.9	ug/L	95	4		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.0	ug/L	90	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.5	ug/L	103	12		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.5	ug/L	117	0		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.5	ug/L	103	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	20.1	ug/L	101	5		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	21.4	ug/L	107	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.6	ug/L	103	7		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	3		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.6	ug/L	98	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	21.1	ug/L	106	7		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.4	ug/L	112	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.9	ug/L	104	4		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.3	ug/L	102	5		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.9	ug/L	95	8		70 (72)	130 (115)	20 (20)
	Benzene	20	21.3	ug/L	106	3		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.6	ug/L	98	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.9	ug/L	95	3		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	22.4	ug/L	112	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.7	ug/L	104	4		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (20)
	Toluene	20	21.5	ug/L	108	4		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.4	ug/L	102	6		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.4	ug/L	102	4		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.4	ug/L	107	1		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	20.8	ug/L	104	6		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.5	ug/L	103	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.7	ug/L	104	0		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.5	ug/L	103	5		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.7	ug/L	104	9		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	42.1	ug/L	105	5		70 (82)	130 (110)	20 (20)
	o-Xylene	20	21.7	ug/L	109	12		70 (83)	130 (109)	20 (20)
	Styrene	20	21.2	ug/L	106	7		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.1	ug/L	96	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.5	ug/L	103	15		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.3	ug/L	102	6		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.3	ug/L	102	7		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.2	ug/L	96	8		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	19.7	ug/L	99	8		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1641

Client: ENTACT

Analytical Method: SW8260-Low **Datafile :** VN086131.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0326WBSD01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	7		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90	17		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91	15		70 (76)	130 (114)	20 (20)

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0326WBL01

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641 SDG NO.: Q1641

Lab File ID: VN086120.D Lab Sample ID: VN0326WBL01

Date Analyzed: 03/26/2025 Time Analyzed: 12:37

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0326WBS01	VN0326WBS01	VN086121.D	03/26/2025
VN0326WBSD01	VN0326WBSD01	VN086131.D	03/26/2025
NP-WS-003	Q1641-02	VN086133.D	03/26/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641 SDG NO.: Q1641

Lab File ID: VN085994.D BFB Injection Date: 03/18/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.2
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	87.1
175	5.0 - 9.0% of mass 174	6.7 (7.7) 1
176	95.0 - 101.0% of mass 174	83.7 (96.2) 1
177	5.0 - 9.0% of mass 176	5.4 (6.4) 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
VSTDICC100	VSTDICC100	VN085996.D	03/18/2025	11:44
VSTDICCC050	VSTDICCC050	VN085997.D	03/18/2025	12:08
VSTDICC020	VSTDICC020	VN085998.D	03/18/2025	12:32
VSTDICC010	VSTDICC010	VN085999.D	03/18/2025	12:57
VSTDICC005	VSTDICC005	VN086000.D	03/18/2025	13:21
VSTDICC001	VSTDICC001	VN086001.D	03/18/2025	14:09

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641 SDG NO.: Q1641

Lab File ID: VN086117.D BFB Injection Date: 03/26/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:50

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.3
75	30.0 - 60.0% of mass 95	46.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	1.6 (1.9) 1
174	50.0 - 100.0% of mass 95	81.1
175	5.0 - 9.0% of mass 174	6.7 (8.3) 1
176	95.0 - 101.0% of mass 174	79 (97.4) 1
177	5.0 - 9.0% of mass 176	5.2 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086118.D	03/26/2025	11:38
VN0326WBL01	VN0326WBL01	VN086120.D	03/26/2025	12:37
VN0326WBS01	VN0326WBS01	VN086121.D	03/26/2025	13:01
VN0326WBSD01	VN0326WBSD01	VN086131.D	03/26/2025	17:12
NP-WS-003	Q1641-02	VN086133.D	03/26/2025	18:00

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641 SDG NO.: Q1641

Lab File ID: VN086118.D Date Analyzed: 03/26/2025

Instrument ID: MSVOA_N Time Analyzed: 11:38

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	196436	8.22	311095	9.10	292741	11.87
UPPER LIMIT	392872	8.724	622190	9.6	585482	12.365
LOWER LIMIT	98218	7.724	155548	8.6	146371	11.365
EPA SAMPLE NO.						
NP-WS-003	168751	8.22	312504	9.10	275427	11.87
VN0326WBL01	165546	8.22	311785	9.10	280557	11.87
VN0326WBS01	204522	8.22	330210	9.10	294866	11.87
VN0326WBSD01	217618	8.22	354450	9.10	311562	11.87

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.: Q1641 SAS No.: Q1641 SDG NO.: Q1641

Lab File ID: VN086118.D Date Analyzed: 03/26/2025

Instrument ID: MSVOA_N Time Analyzed: 11:38

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	164861	13.788				
UPPER LIMIT	329722	14.288				
LOWER LIMIT	82430.5	13.288				
EPA SAMPLE NO.						
NP-WS-003	122103	13.79				
VN0326WBL01	111001	13.79				
VN0326WBS01	151834	13.79				
VN0326WBSD01	154805	13.79				

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ENTACT	Date Collected:	03/25/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	03/25/25
Client Sample ID:	NP-WS-003	SDG No.:	Q1641
Lab Sample ID:	Q1641-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086133.D	1		03/26/25 18:00	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	9.20	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.70		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

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Report of Analysis

Client:	ENTACT	Date Collected:	03/25/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	03/25/25
Client Sample ID:	NP-WS-003	SDG No.:	Q1641
Lab Sample ID:	Q1641-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086133.D	1		03/26/25 18:00	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		70 (77) - 130 (121)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	169000	8.224			
540-36-3	1,4-Difluorobenzene	313000	9.1			
3114-55-4	Chlorobenzene-d5	275000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN086133.D**

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Report of Analysis

Client:	ENTACT	Date Collected:	03/25/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	03/25/25
Client Sample ID:	NP-WS-003	SDG No.:	Q1641
Lab Sample ID:	Q1641-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086133.D	1		03/26/25 18:00	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
75-65-0	Tert butyl alcohol	140	J		5.52	ug/L
000064-19-7	Acetic acid	5.20	J		8.79	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	8.30	J		13.7	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	13.4	J		14.0	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_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Quant Time: Mar 27 01:43:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	168751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125717	54.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.800%			
35) Dibromofluoromethane	8.165	113	109372	50.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	10.565	98	375240	47.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.800%			
62) 4-Bromofluorobenzene	12.847	95	128545	45.531	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	47221	144.334	ug/l	99
16) Acetone	4.430	43	6471	9.166	ug/l	97
20) Methylene Chloride	5.277	84	11751	5.690	ug/l #	92

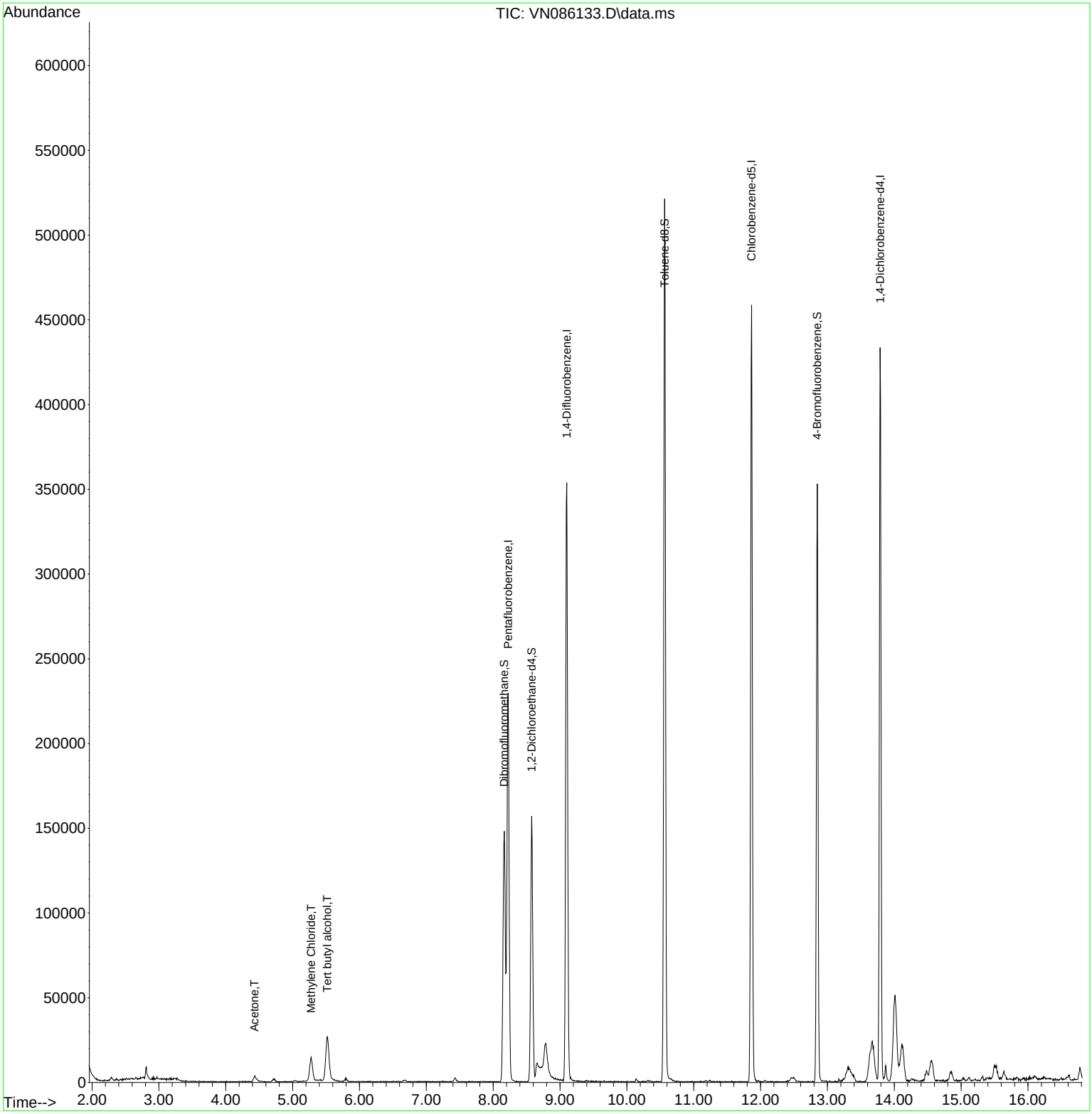
(#) = qualifier out of range (m) = manual integration (+) = signals summed

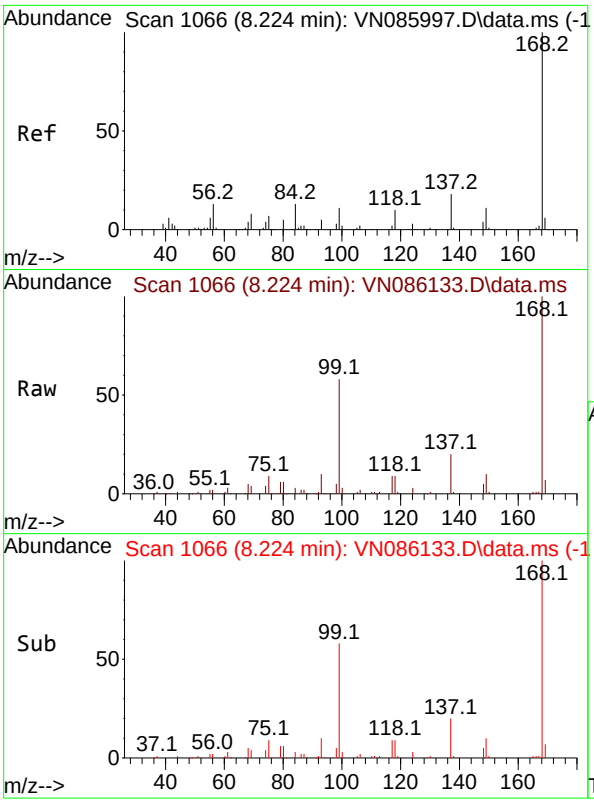
Sample Results: **VN086133.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Quant Time: Mar 27 01:43:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



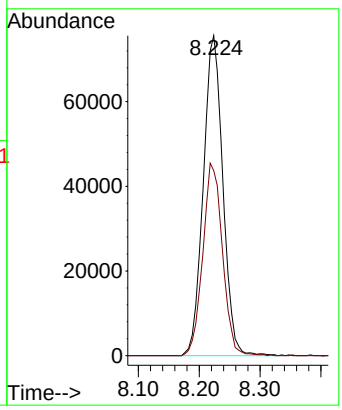


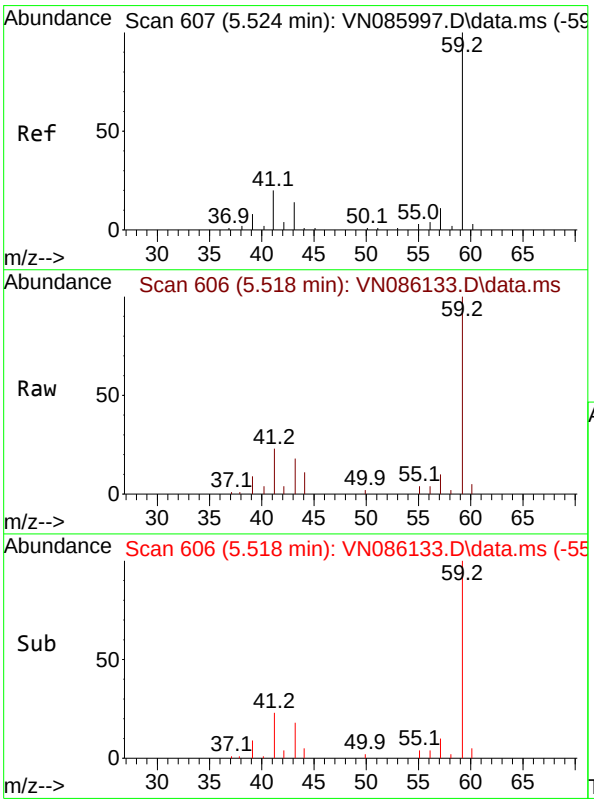
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion:168 Resp: 168751

Ion	Ratio	Lower	Upper
168	100		
99	57.8	49.4	74.2

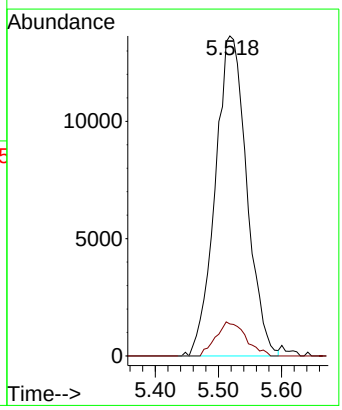


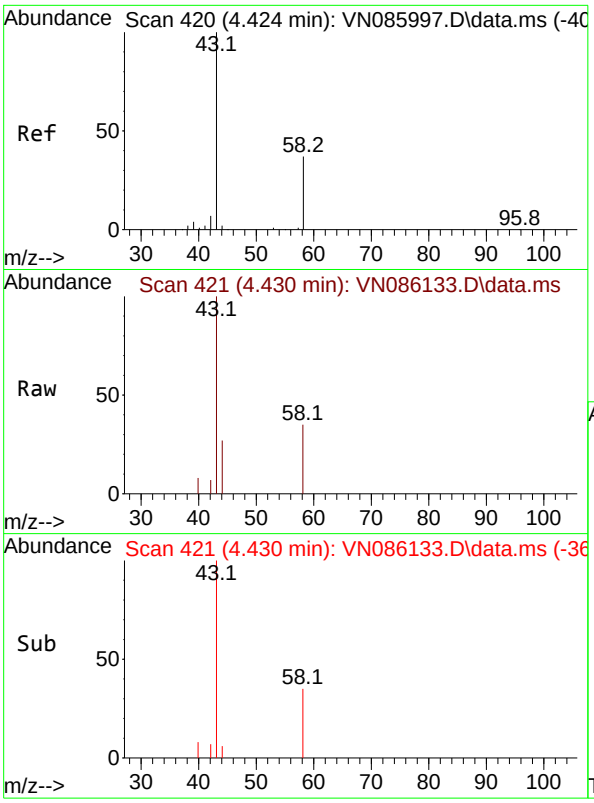


#11
Tert butyl alcohol
Concen: 144.334 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Tgt Ion: 59 Resp: 47221

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.9	11.9



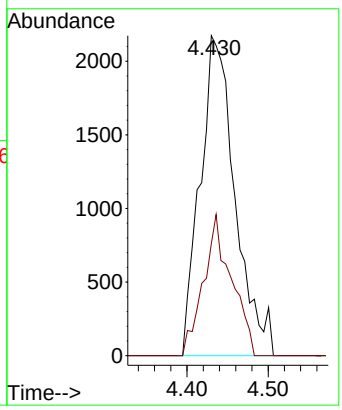


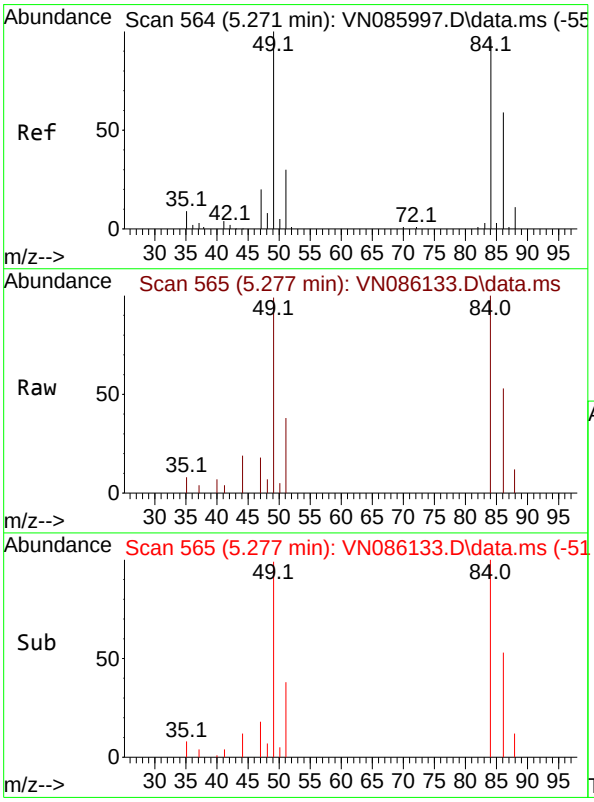
#16
Acetone
Concen: 9.166 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion: 43 Resp: 6471

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.4	44.2

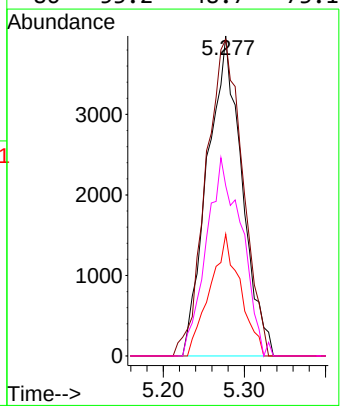


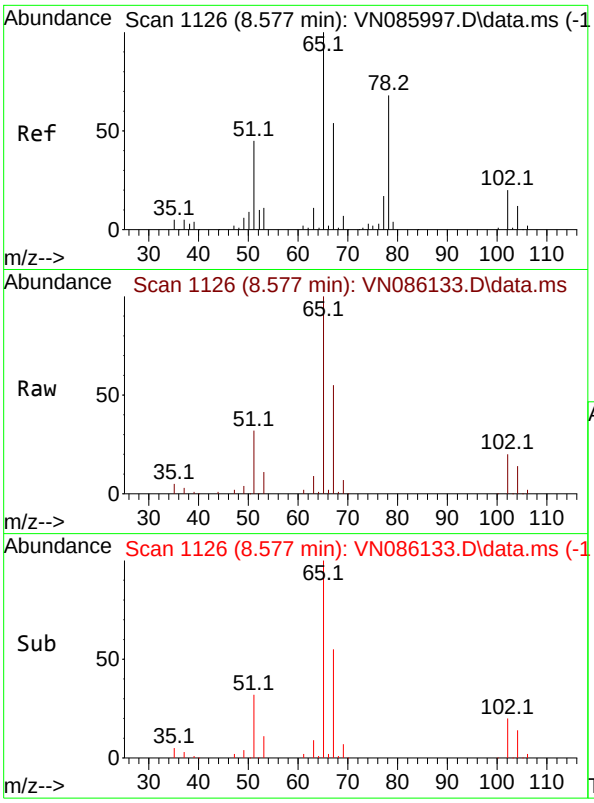


#20
Methylene Chloride
Concen: 5.690 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Tgt Ion: 84 Resp: 11751

Ion	Ratio	Lower	Upper
84	100		
49	98.9	83.3	124.9
51	38.1	24.8	37.2#
86	53.2	48.7	73.1



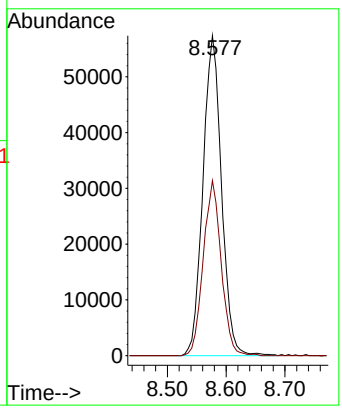


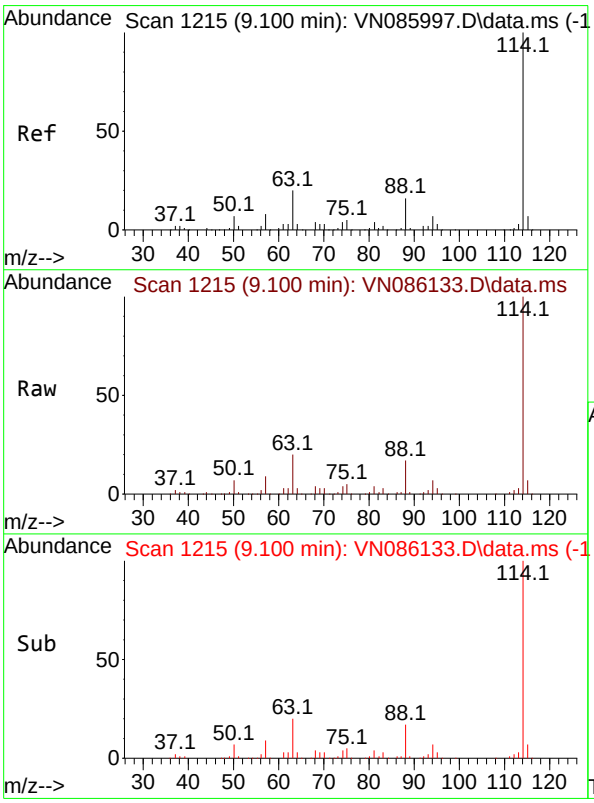
#33
1,2-Dichloroethane-d4
Concen: 54.405 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion: 65 Resp: 125717

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.2

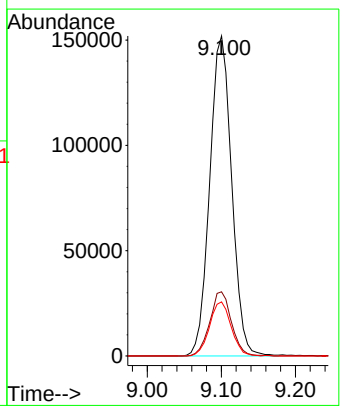


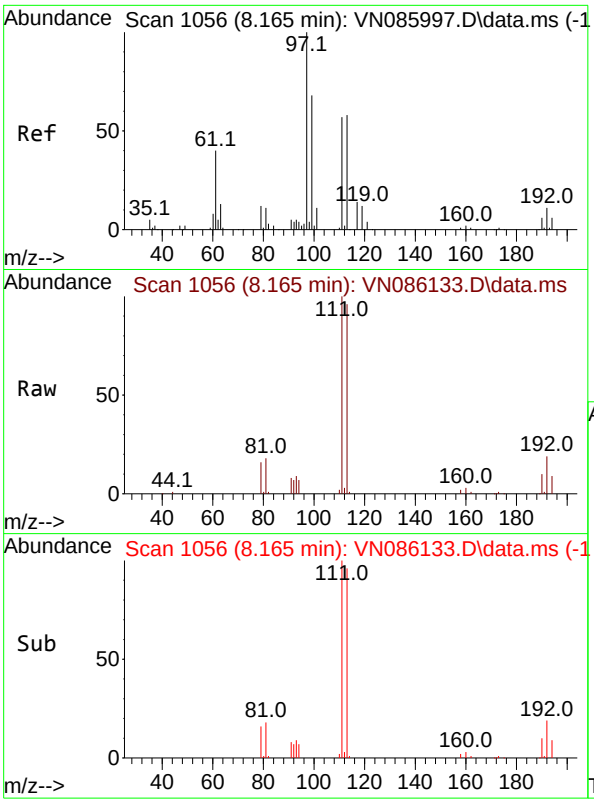


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Tgt Ion:114 Resp: 312504

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	16.9	0.0	32.6



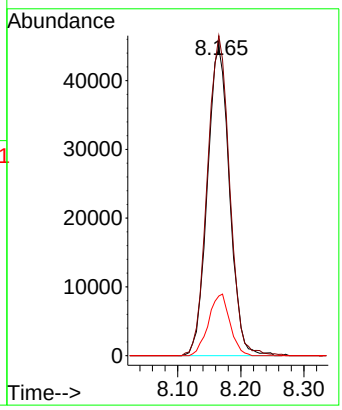


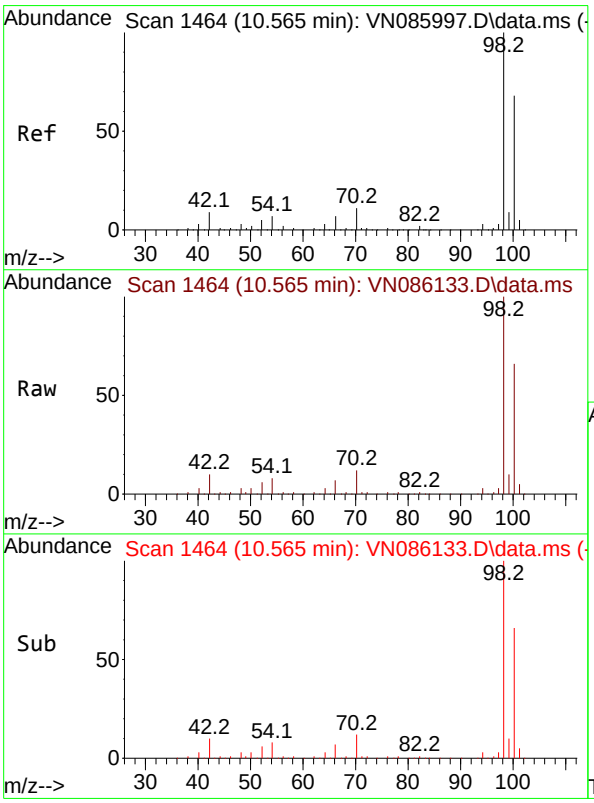
#35
Dibromofluoromethane
Concen: 50.142 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion:113 Resp: 109372

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	19.3	15.9	23.9

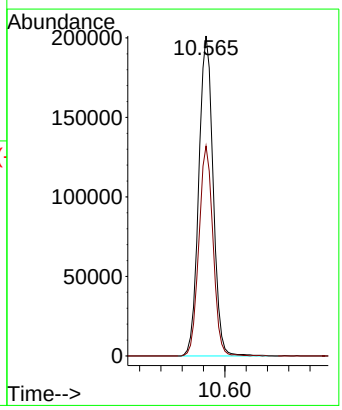


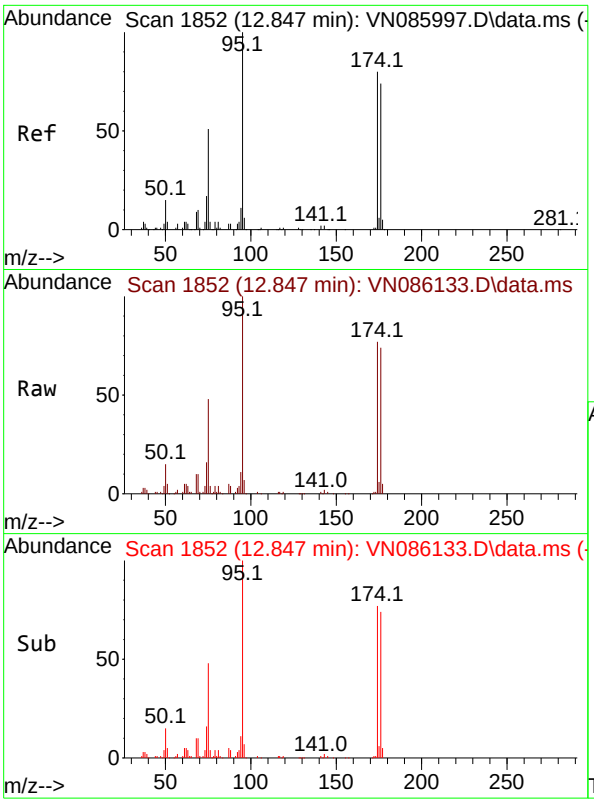


#50
Toluene-d8
Concen: 47.400 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Tgt Ion: 98 Resp: 375240

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.1	79.7



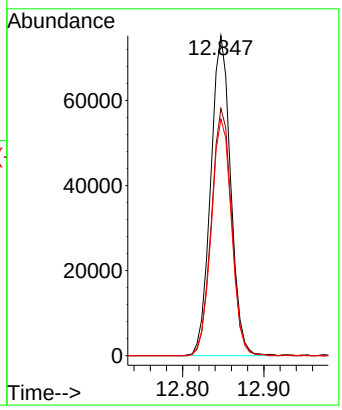


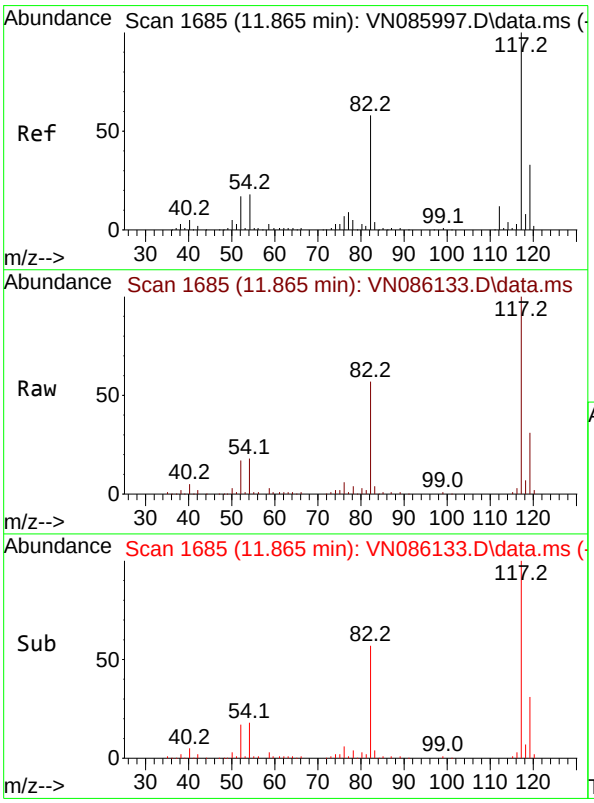
#62
4-Bromofluorobenzene
Concen: 45.531 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion: 95 Resp: 128545

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.8
176	75.0	0.0	152.2

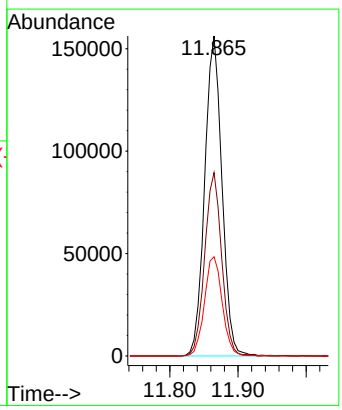


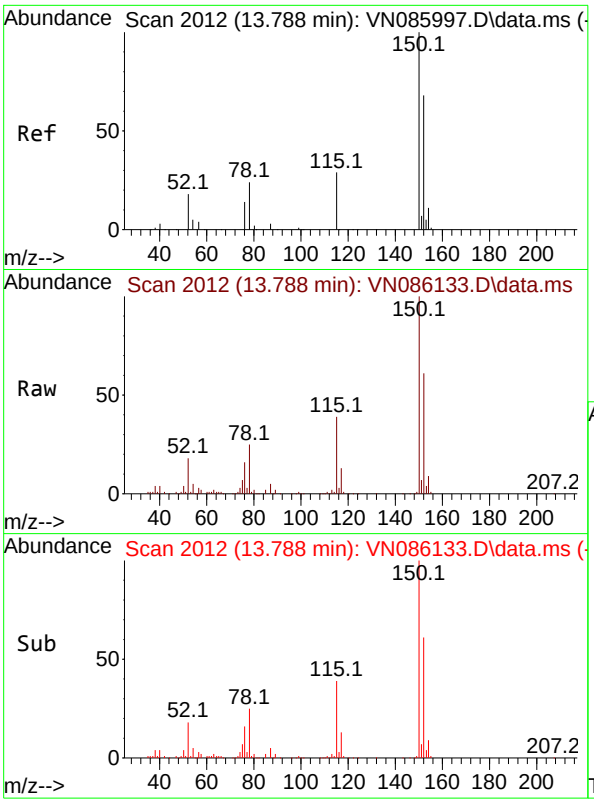


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Tgt Ion:117 Resp: 275427

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.7	70.1
119	31.0	26.5	39.7



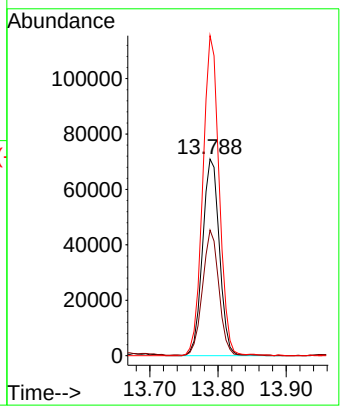


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086133.D
Acq: 26 Mar 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Tgt Ion:152 Resp: 122103

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.1	93.2
150	157.8	0.0	359.6



Sample Results: **VN086133.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

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_N\methods\82N031825W.M
Title : SW846 8260

Signal : TIC: VN086133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	141	146	157	rVB2	7438	13501	1.41%	0.236%
2	4.436	415	422	431	rBV	3658	10168	1.06%	0.177%
3	5.277	553	565	575	rBV3	14093	43655	4.55%	0.762%
4	5.518	592	606	623	rBV	25820	91780	9.56%	1.601%
5	8.165	1046	1056	1060	rBV2	147787	348456	36.30%	6.080%
6	8.224	1060	1066	1079	rVB	228768	519297	54.10%	9.061%
7	8.577	1116	1126	1134	rBV2	156691	338477	35.26%	5.906%
8	8.659	1134	1140	1147	rBV6	7904	25467	2.65%	0.444%
9	8.788	1154	1162	1177	rVB3	19988	75174	7.83%	1.312%
10	9.100	1206	1215	1224	rBV	352942	718737	74.87%	12.540%
11	10.565	1456	1464	1477	rBV	520879	959956	100.00%	16.749%
12	11.865	1675	1685	1696	rBV	458368	810721	84.45%	14.145%
13	12.847	1844	1852	1864	rBV	353101	604915	63.01%	10.554%
14	13.306	1920	1930	1931	rBV3	7311	14988	1.56%	0.262%
15	13.670	1975	1992	2004	rBV6	23920	119612	12.46%	2.087%
16	13.788	2005	2012	2020	rBV	431572	721812	75.19%	12.594%
17	13.870	2022	2026	2035	rVB3	8948	13334	1.39%	0.233%
18	14.012	2035	2050	2059	rBV4	50711	192934	20.10%	3.366%
19	14.112	2061	2067	2068	rBV2	12096	18165	1.89%	0.317%
20	14.559	2135	2143	2154	rVB6	12133	42997	4.48%	0.750%
21	14.847	2183	2192	2193	rBV3	5686	11027	1.15%	0.192%
22	15.500	2295	2303	2304	rBV4	7965	12881	1.34%	0.225%
23	15.641	2320	2327	2335	rVB3	4992	11798	1.23%	0.206%
24	16.776	2514	2520	2522	rBV2	6950	11533	1.20%	0.201%

Sum of corrected areas: 5731385

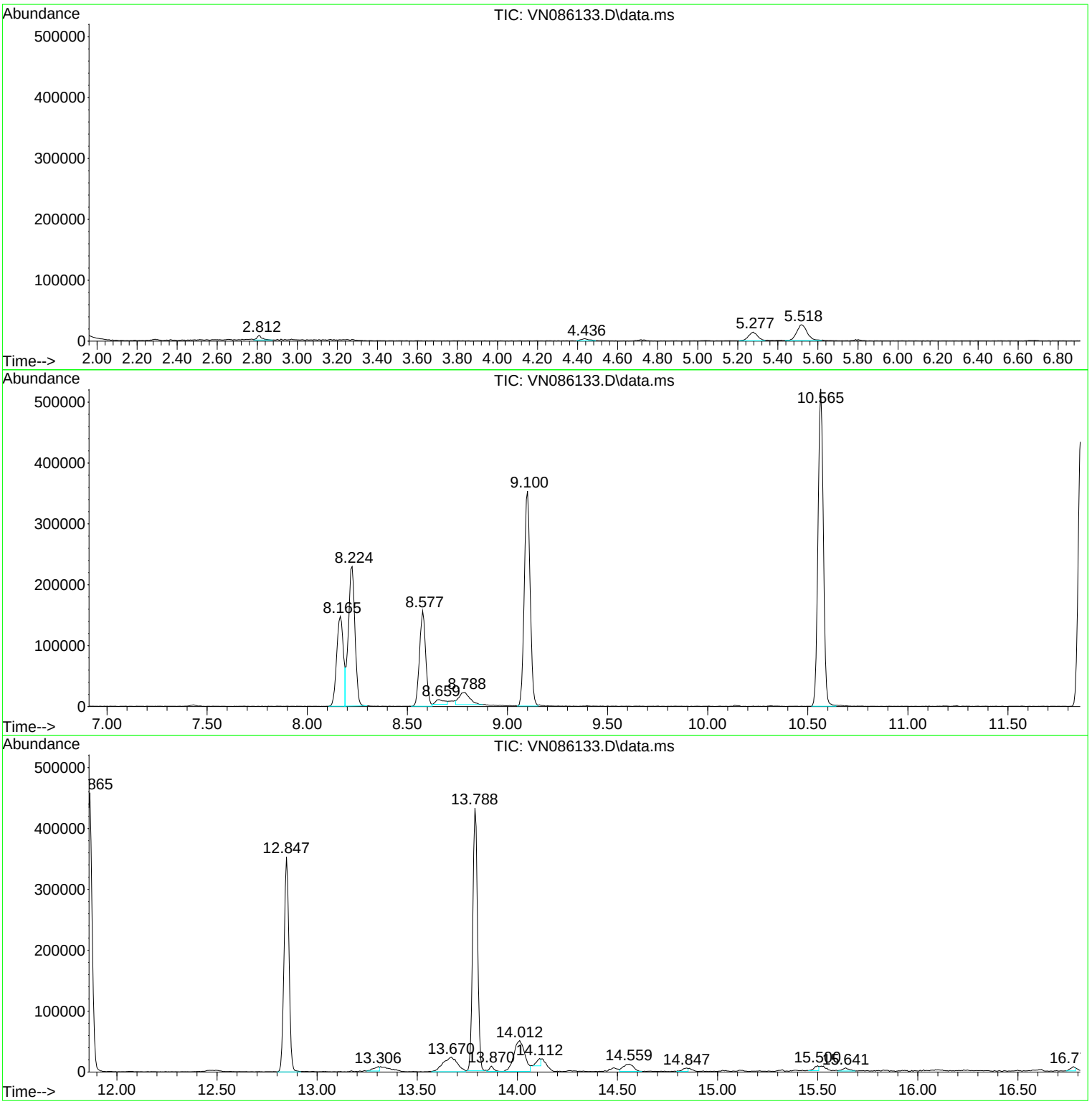
Sample Results: **VN086133.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260

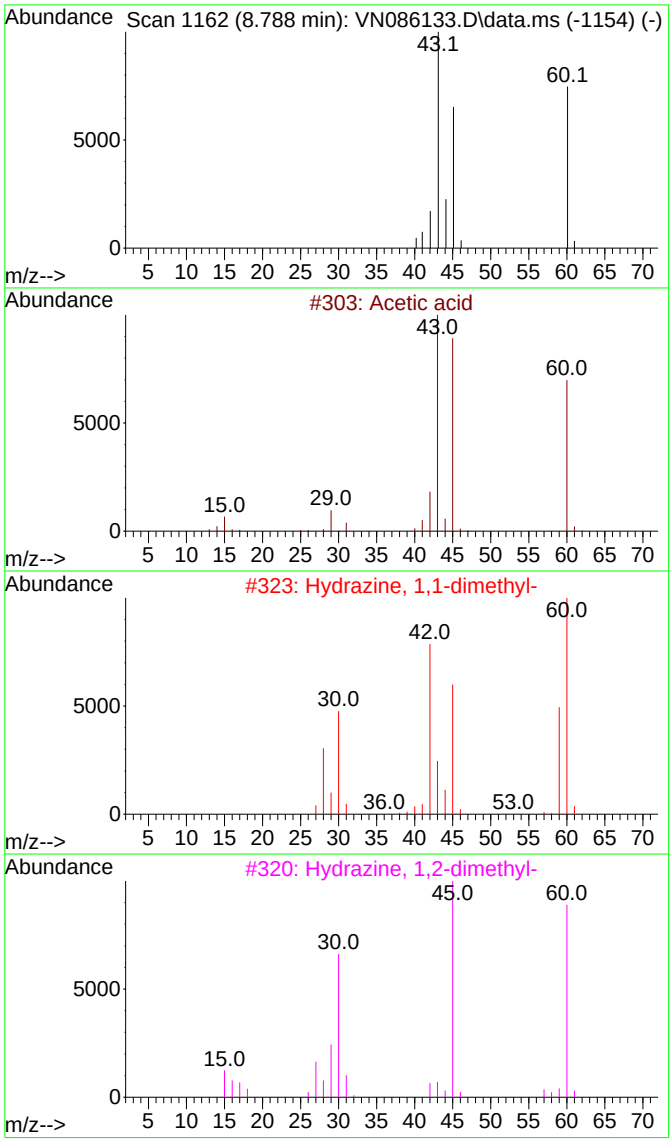
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

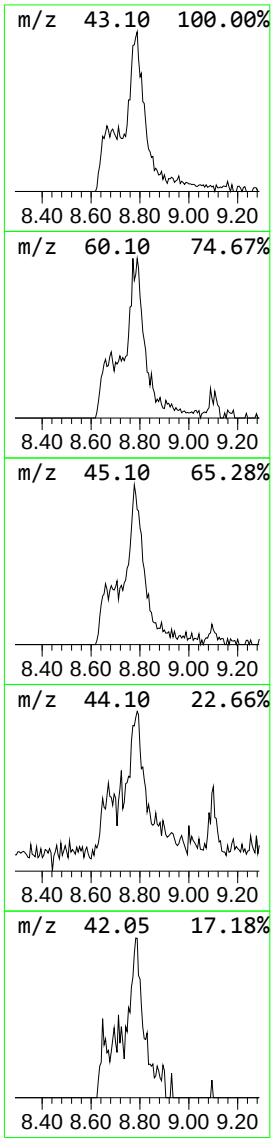
****

Peak Number 1 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.788	5.23 ug/l	75174	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	72
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	45
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Formic acid hydrazide	60	CH4N2O	000624-84-0	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

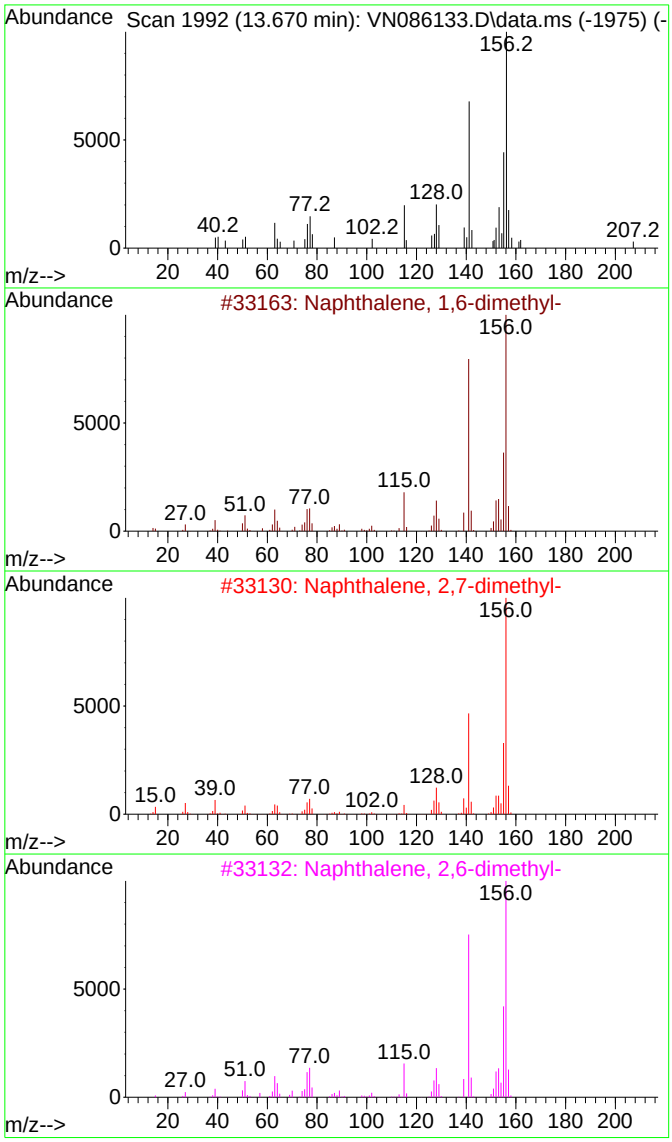
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260

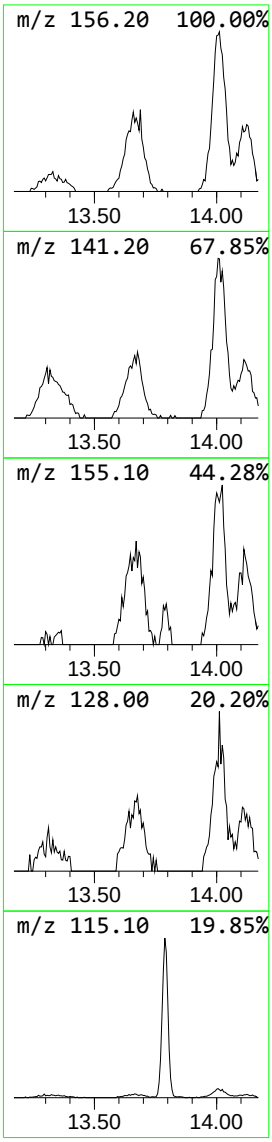
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.671	8.29 ug/l	119612	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

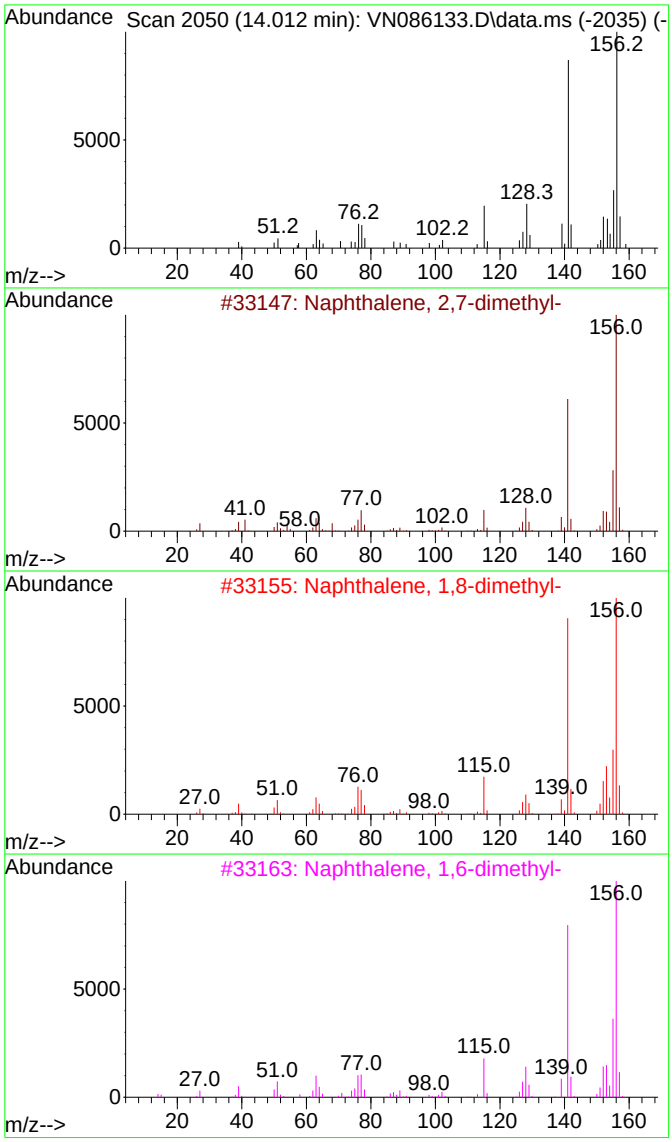
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260

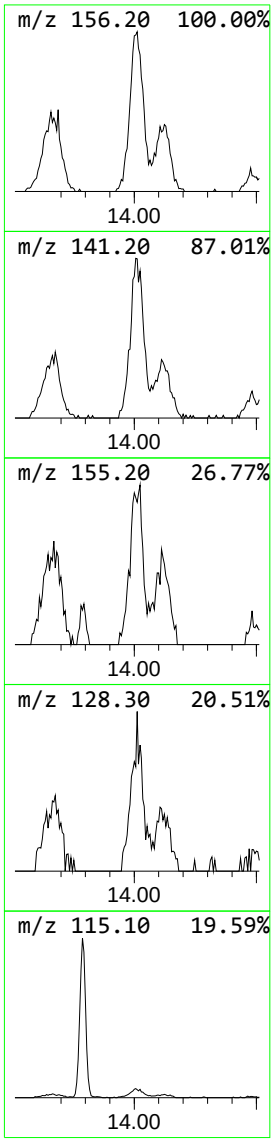
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	13.36 ug/l	192934	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086133.D
Acq On : 26 Mar 2025 18:00
Operator : JC\MD
Sample : Q1641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NP-WS-003

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.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
Acetic acid	8.788	5.2	ug/l	75174	2	9.100	718737	50.0
Naphthalene, 1,...	13.671	8.3	ug/l	119612	4	13.788	721812	50.0
Naphthalene, 2,...	14.012	13.4	ug/l	192934	4	13.788	721812	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.: Q1641 SAS No.: Q1641 SDG No.: Q1641

Instrument ID: MSVOA_N Calibration Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF100 = VN085996.D RRF050 = VN085997.D RRF020 = VN085998.D
RRF010 = VN085999.D RRF005 = VN086000.D RRF001 = VN086001.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.643	0.600	0.649	0.697	0.678	0.662	6
Chloromethane	0.575	0.557	0.514	0.544	0.612	0.683	0.581	10.3
Vinyl Chloride	0.622	0.592	0.541	0.581	0.634	0.592	0.594	5.5
Bromomethane	0.388	0.381	0.377	0.411	0.466		0.404	9.2
Chloroethane	0.355	0.330	0.334	0.378	0.403	0.446	0.375	11.9
Trichlorofluoromethane	1.059	0.977	0.959	1.035	1.107	1.267	1.067	10.5
1,1,2-Trichlorotrifluoroethane	0.574	0.515	0.512	0.553	0.590	0.659	0.567	9.7
1,1-Dichloroethene	0.567	0.516	0.481	0.545	0.550	0.415	0.512	11
Acetone	0.251	0.194	0.179	0.195	0.213	0.223	0.209	12.4
Carbon Disulfide	1.649	1.510	1.467	1.610	1.765	2.107	1.685	13.8
Methyl tert-butyl Ether	1.888	1.691	1.578	1.604	1.638	1.673	1.679	6.6
Methyl Acetate	0.488	0.469	0.434	0.504	0.542	0.667	0.518	15.8
Methylene Chloride	0.613	0.565	0.551	0.572	0.639	0.731	0.612	10.9
trans-1,2-Dichloroethene	0.603	0.534	0.521	0.546	0.564	0.591	0.560	5.8
1,1-Dichloroethane	1.023	0.949	0.908	0.968	1.032	1.130	1.001	7.8
Cyclohexane	0.890	0.799	0.765	0.854	0.957		0.853	8.9
2-Butanone	0.331	0.292	0.277	0.297	0.319	0.296	0.302	6.5
Carbon Tetrachloride	0.673	0.578	0.557	0.580	0.613	0.624	0.604	6.9
cis-1,2-Dichloroethene	0.688	0.633	0.591	0.617	0.656	0.632	0.636	5.3
Bromochloromethane	0.403	0.391	0.398	0.404	0.430	0.521	0.424	11.6
Chloroform	1.119	1.017	1.011	1.101	1.149	1.245	1.107	7.9
1,1,1-Trichloroethane	1.093	0.986	0.962	1.025	1.097	1.124	1.048	6.3
Methylcyclohexane	0.579	0.475	0.419	0.399	0.426	0.438	0.456	14.3
Benzene	1.610	1.393	1.348	1.386	1.453	1.466	1.443	6.5
1,2-Dichloroethane	0.538	0.475	0.462	0.491	0.528	0.521	0.503	6.1
Trichloroethene	0.394	0.346	0.335	0.353	0.380	0.435	0.374	10
1,2-Dichloropropane	0.366	0.321	0.319	0.321	0.333	0.309	0.328	6.2
Bromodichloromethane	0.600	0.516	0.506	0.515	0.561	0.537	0.539	6.6
4-Methyl-2-Pentanone	0.434	0.385	0.368	0.380	0.369	0.287	0.371	12.9
Toluene	1.074	0.915	0.862	0.878	0.856	0.727	0.885	12.7

* 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.

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.: Q1641 SAS No.: Q1641 SDG No.: Q1641

Instrument ID: MSVOA_N Calibration Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF100 = VN085996.D RRF050 = VN085997.D RRF020 = VN085998.D
RRF010 = VN085999.D RRF005 = VN086000.D RRF001 = VN086001.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.646	0.539	0.504	0.506	0.501	0.446	0.524	12.8
cis-1,3-Dichloropropene	0.659	0.568	0.533	0.555	0.537	0.464	0.553	11.5
1,1,2-Trichloroethane	0.382	0.327	0.316	0.330	0.338	0.335	0.338	6.7
2-Hexanone	0.334	0.284	0.269	0.270	0.261	0.202	0.270	15.7
Dibromochloromethane	0.503	0.432	0.408	0.422	0.436	0.416	0.436	7.8
1,2-Dibromoethane	0.400	0.351	0.326	0.343	0.337	0.325	0.347	8
Tetrachloroethene	0.407	0.371	0.370	0.390	0.421	0.433	0.399	6.6
Chlorobenzene	1.229	1.085	1.070	1.116	1.156	1.208	1.144	5.7
Ethyl Benzene	2.209	1.918	1.744	1.769	1.755	1.586	1.830	11.7
m/p-Xylenes	0.867	0.756	0.700	0.690	0.660	0.643	0.719	11.4
o-Xylene	0.831	0.713	0.655	0.645	0.585	0.532	0.660	15.8
Styrene	1.431	1.219	1.115	1.044	1.032	0.924	1.128	15.8
Bromoform	0.392	0.345	0.329	0.342	0.355	0.371	0.356	6.4
Isopropylbenzene	3.863	3.599	3.251	3.470	3.264	3.039	3.414	8.6
1,1,2,2-Tetrachloroethane	1.076	1.052	1.041	1.191	1.261	1.311	1.155	10
1,3-Dichlorobenzene	1.842	1.685	1.614	1.749	1.718	1.688	1.716	4.5
1,4-Dichlorobenzene	1.825	1.667	1.621	1.756	1.907	2.043	1.803	8.7
1,2-Dichlorobenzene	1.716	1.598	1.522	1.673	1.724	2.004	1.706	9.7
1,2-Dibromo-3-Chloropropane	0.240	0.221	0.216	0.266	0.250	0.192	0.231	11.5
1,2,4-Trichlorobenzene	0.952	0.850	0.779	0.815	0.851	0.899	0.858	7.1
1,2,3-Trichlorobenzene	0.900	0.829	0.772	0.794	0.791	0.798	0.814	5.7
1,2-Dichloroethane-d4	0.632	0.665	0.669	0.721	0.737		0.685	6.3
Dibromofluoromethane	0.333	0.334	0.347	0.362	0.368		0.349	4.5
Toluene-d8	1.309	1.266	1.253	1.289	1.217		1.267	2.8
4-Bromofluorobenzene	0.514	0.466	0.447	0.440	0.391		0.452	9.8

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N031825W.M
Title : SW846 8260
Last Update : Wed Mar 19 03:20:56 2025
Response Via : Initial Calibration

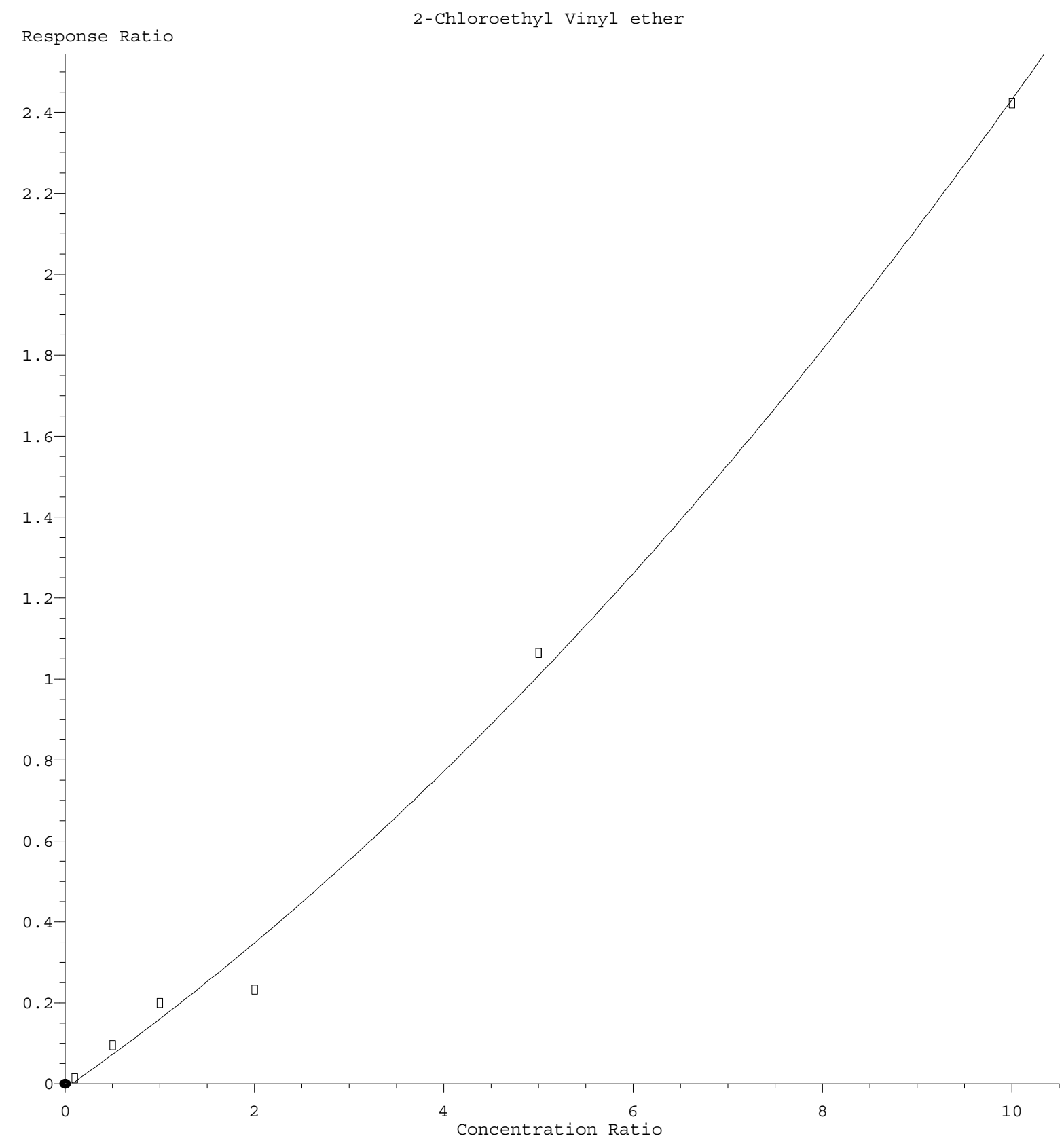
Calibration Files
1 =VN086001.D 5 =VN086000.D 10 =VN085999.D 20 =VN085998.D 50 =VN085997.D 100 =VN085996.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.678	0.697	0.649	0.600	0.643	0.707	0.662	6.01
3)	P	Chloromethane	0.683	0.612	0.544	0.514	0.557	0.575	0.581	10.29
4)	C	Vinyl Chloride	0.592	0.634	0.581	0.541	0.592	0.622	0.594	5.53#
5)	T	Bromomethane		0.466	0.411	0.377	0.381	0.388	0.404	9.16
6)	T	Chloroethane	0.446	0.403	0.378	0.334	0.330	0.355	0.375	11.93
7)	T	Trichlorofluor...	1.267	1.107	1.035	0.959	0.977	1.059	1.067	10.48
8)	T	Diethyl Ether	0.336	0.309	0.322	0.315	0.324	0.354	0.327	4.93
9)	T	1,1,2-Trichlor...	0.659	0.590	0.553	0.512	0.515	0.574	0.567	9.66
10)	T	Methyl Iodide		0.766	0.710	0.681	0.728	0.811	0.739	6.80
11)	T	Tert butyl alc...		0.108	0.097	0.091	0.094	0.094	0.097	6.70
12)	CM	1,1-Dichloroet...	0.415	0.550	0.545	0.481	0.516	0.567	0.512	11.02#
13)	T	Acrolein		0.115	0.099	0.104	0.100	0.099	0.103	6.75
14)	T	Allyl chloride	0.664	0.684	0.615	0.572	0.617	0.683	0.639	7.03
15)	T	Acrylonitrile	0.252	0.271	0.255	0.245	0.248	0.266	0.256	4.01
16)	T	Acetone	0.223	0.213	0.195	0.179	0.194	0.251	0.209	12.36
17)	T	Carbon Disulfide	2.107	1.765	1.610	1.467	1.510	1.649	1.685	13.78
18)	T	Methyl Acetate	0.667	0.542	0.504	0.434	0.469	0.488	0.518	15.79
19)	T	Methyl tert-bu...	1.673	1.638	1.604	1.578	1.691	1.888	1.679	6.61
20)	T	Methylene Chlo...	0.731	0.639	0.572	0.551	0.565	0.613	0.612	10.93
21)	T	trans-1,2-Dich...	0.591	0.564	0.546	0.521	0.534	0.603	0.560	5.81
22)	T	Diisopropyl ether	1.166	1.387	1.394	1.317	1.378	1.528	1.362	8.68
23)	T	Vinyl Acetate	0.866	1.023	1.017	1.024	1.067	1.196	1.032	10.24
24)	P	1,1-Dichloroet...	1.130	1.032	0.968	0.908	0.949	1.023	1.001	7.79
25)	T	2-Butanone	0.296	0.319	0.297	0.277	0.292	0.331	0.302	6.50
26)	T	2,2-Dichloropr...	1.004	1.017	0.925	0.880	0.926	1.032	0.964	6.41
27)	T	cis-1,2-Dichlo...	0.632	0.656	0.617	0.591	0.633	0.688	0.636	5.25
28)	T	Bromochloromet...	0.521	0.430	0.404	0.398	0.391	0.403	0.424	11.60
29)	T	Tetrahydrofuran	0.152	0.197	0.189	0.183	0.194	0.204	0.186	9.74
30)	C	Chloroform	1.245	1.149	1.101	1.011	1.017	1.119	1.107	7.90#
31)	T	Cyclohexane		0.957	0.854	0.765	0.799	0.890	0.853	8.87
32)	T	1,1,1-Trichlor...	1.124	1.097	1.025	0.962	0.986	1.093	1.048	6.32
33)	S	1,2-Dichloroet...		0.737	0.721	0.669	0.665	0.632	0.685	6.30
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.368	0.362	0.347	0.334	0.333	0.349	4.54
36)	T	1,1-Dichloropr...	0.457	0.454	0.443	0.421	0.454	0.528	0.460	7.89
37)	T	Ethyl Acetate	0.388	0.412	0.393	0.366	0.367	0.400	0.388	4.65
38)	T	Carbon Tetrach...	0.624	0.613	0.580	0.557	0.578	0.673	0.604	6.90
39)	T	Methylcyclohexane	0.438	0.426	0.399	0.419	0.475	0.579	0.456	14.34
40)	TM	Benzene	1.466	1.453	1.386	1.348	1.393	1.610	1.443	6.46
41)	T	Methacrylonitrile	0.132	0.188	0.191	0.187	0.193	0.220	0.185	15.66
42)	TM	1,2-Dichloroet...	0.521	0.528	0.491	0.462	0.475	0.538	0.503	6.12
43)	T	Isopropyl Acetate	1.123	0.840	0.886	0.793	0.688	0.711	0.840	18.77
44)	TM	Trichloroethene	0.435	0.380	0.353	0.335	0.346	0.394	0.374	9.98
45)	C	1,2-Dichloropr...	0.309	0.333	0.321	0.319	0.321	0.366	0.328	6.16#
46)	T	Dibromomethane	0.274	0.268	0.251	0.234	0.243	0.279	0.258	7.09
47)	T	Bromodichlorom...	0.537	0.561	0.515	0.506	0.516	0.600	0.539	6.58
48)	T	Methyl methacr...	0.255	0.257	0.265	0.268	0.289	0.328	0.277	9.99
49)	T	1,4-Dioxane	0.005	0.007	0.007	0.006	0.007	0.007	0.007	16.08
50)	S	Toluene-d8		1.217	1.289	1.253	1.266	1.309	1.267	2.78
51)	T	4-Methyl-2-Pen...	0.287	0.369	0.380	0.368	0.385	0.434	0.371	12.88
52)	CM	Toluene	0.727	0.856	0.878	0.862	0.915	1.074	0.885	12.66#
53)	T	t-1,3-Dichloro...	0.446	0.501	0.506	0.504	0.539	0.646	0.524	12.80
54)	T	cis-1,3-Dichlo...	0.464	0.537	0.555	0.533	0.568	0.659	0.553	11.46
55)	T	1,1,2-Trichlor...	0.335	0.338	0.330	0.316	0.327	0.382	0.338	6.72
56)	T	Ethyl methacry...	0.298	0.413	0.445	0.463	0.526	0.633	0.463	24.21

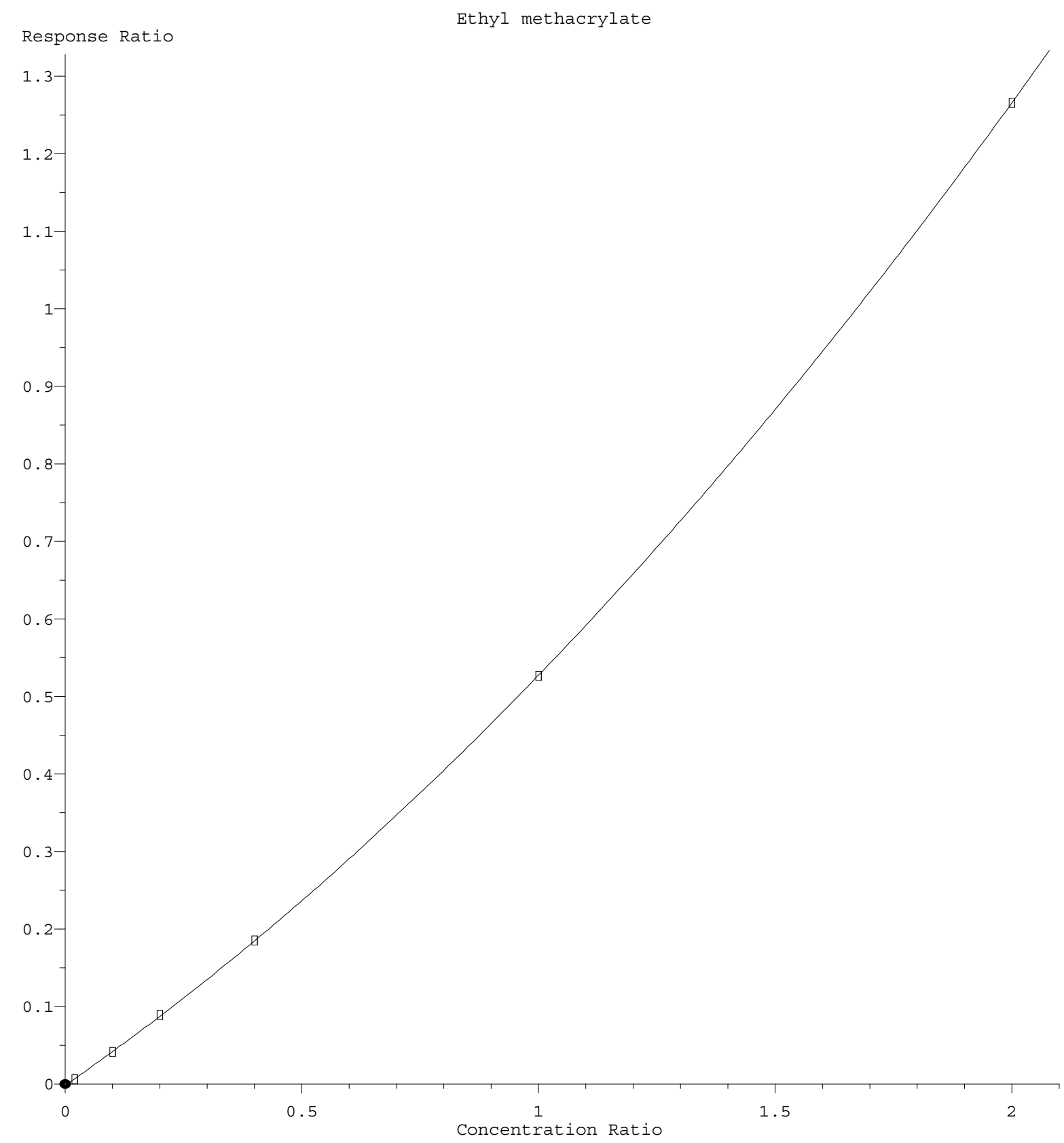
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N031825W.M

57)	T	1,3-Dichloropr...	0.551	0.558	0.571	0.539	0.567	0.657	0.574	7.39
58)	T	2-Chloroethyl ...	0.134	0.190	0.200	0.116	0.213	0.242	0.183	26.31
59)	T	2-Hexanone	0.202	0.261	0.270	0.269	0.284	0.334	0.270	15.74
60)	T	Dibromochlorom...	0.416	0.436	0.422	0.408	0.432	0.503	0.436	7.83
61)	T	1,2-Dibromoethane	0.325	0.337	0.343	0.326	0.351	0.400	0.347	8.01
62)	S	4-Bromofluorob...		0.391	0.440	0.447	0.466	0.514	0.452	9.82
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.433	0.421	0.390	0.370	0.371	0.407	0.399	6.57
65)	PM	Chlorobenzene	1.208	1.156	1.116	1.070	1.085	1.229	1.144	5.69
66)	T	1,1,1,2-Tetrac...	0.445	0.445	0.414	0.388	0.407	0.452	0.425	6.05
67)	C	Ethyl Benzene	1.586	1.755	1.769	1.744	1.918	2.209	1.830	11.67#
68)	T	m/p-Xylenes	0.643	0.660	0.690	0.700	0.756	0.867	0.719	11.40
69)	T	o-Xylene	0.532	0.585	0.645	0.655	0.713	0.831	0.660	15.83
70)	T	Styrene	0.924	1.032	1.044	1.115	1.219	1.431	1.128	15.79
71)	P	Bromoform	0.371	0.355	0.342	0.329	0.345	0.392	0.356	6.39
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.039	3.264	3.470	3.251	3.599	3.863	3.414	8.58
74)	T	N-amyl acetate	0.984	1.098	1.153	1.121	1.220	1.278	1.142	8.93
75)	P	1,1,2,2-Tetrac...	1.311	1.261	1.191	1.041	1.052	1.076	1.155	10.01
76)	T	1,2,3-Trichlor...	0.925	1.264	1.153	1.148	1.157	1.070	1.119	10.14
77)	T	Bromobenzene	1.000	0.994	0.966	0.878	0.910	0.964	0.952	5.10
78)	T	n-propylbenzene	3.148	3.686	3.862	3.774	4.183	4.546	3.866	12.24
79)	T	2-Chlorotoluene	2.335	2.574	2.587	2.473	2.620	2.820	2.568	6.29
80)	T	1,3,5-Trimethy...	2.392	2.639	2.903	2.845	3.118	3.399	2.883	12.25
81)	T	trans-1,4-Dich...		0.397	0.401	0.420	0.414	0.486	0.423	8.50
82)	T	4-Chlorotoluene	2.443	2.567	2.661	2.558	2.696	2.921	2.641	6.19
83)	T	tert-Butylbenzene	2.380	2.278	2.517	2.289	2.547	2.782	2.466	7.76
84)	T	1,2,4-Trimethy...	2.330	2.684	2.944	2.886	3.130	3.472	2.908	13.35
85)	T	sec-Butylbenzene	2.423	3.008	3.247	3.174	3.514	3.932	3.216	15.71
86)	T	p-Isopropyltol...	2.088	2.410	2.688	2.670	3.037	3.443	2.723	17.41
87)	T	1,3-Dichlorobe...	1.688	1.718	1.749	1.614	1.685	1.842	1.716	4.46
88)	T	1,4-Dichlorobe...	2.043	1.907	1.756	1.621	1.667	1.825	1.803	8.71
89)	T	n-Butylbenzene	1.876	1.981	2.079	2.067	2.424	2.876	2.217	16.76
90)	T	Hexachloroethane	0.766	0.648	0.595	0.542	0.582	0.637	0.628	12.37
91)	T	1,2-Dichlorobe...	2.004	1.724	1.673	1.522	1.598	1.716	1.706	9.66
92)	T	1,2-Dibromo-3-...	0.192	0.250	0.266	0.216	0.221	0.240	0.231	11.50
93)	T	1,2,4-Trichlor...	0.899	0.851	0.815	0.779	0.850	0.952	0.858	7.14
94)	T	Hexachlorobuta...	0.579	0.522	0.500	0.454	0.442	0.488	0.498	9.98
95)	T	Naphthalene	2.499	2.211	2.423	2.306	2.606	2.860	2.484	9.30
96)	T	1,2,3-Trichlor...	0.798	0.791	0.794	0.772	0.829	0.900	0.814	5.65

(#) = Out of Range



R = 8.062e-003 A*A + 1.637e-001 A - 1.134e-002
Coef of Det (r^2) = 0.995747 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N031825W.M
Calibration Table Last Updated: Wed Mar 19 03:20:56 2025



R = 1.048e-001 A*A + 4.239e-001 A - 1.587e-003
Coef of Det (r^2) = 0.999996 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N031825W.M
Calibration Table Last Updated: Wed Mar 19 03:20:56 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	182974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231291	92.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 184.620%#			
35) Dibromofluoromethane	8.165	113	186688	95.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.880%#			
50) Toluene-d8	10.565	98	733621	103.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.680%#			
62) 4-Bromofluorobenzene	12.847	95	288124	113.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 227.620%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	258760	106.744	ug/l	100
3) Chloromethane	2.359	50	210559	99.080	ug/l	99
4) Vinyl Chloride	2.506	62	227757	104.817	ug/l	99
5) Bromomethane	2.930	94	141847	95.836	ug/l	95
6) Chloroethane	3.106	64	130043	94.868	ug/l	90
7) Trichlorofluoromethane	3.489	101	387652	99.243	ug/l	99
8) Diethyl Ether	3.953	74	129491	108.290	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	209946	101.130	ug/l	99
10) Methyl Iodide	4.583	142	296609	109.651	ug/l	95
11) Tert butyl alcohol	5.518	59	172466	486.176	ug/l	99
12) 1,1-Dichloroethene	4.336	96	207400	110.639	ug/l	96
13) Acrolein	4.171	56	180315	476.573	ug/l	98
14) Allyl chloride	5.018	41	249826	106.826	ug/l	98
15) Acrylonitrile	5.712	53	486527	519.314	ug/l	99
16) Acetone	4.418	43	459532	600.330	ug/l	100
17) Carbon Disulfide	4.706	76	603612	97.911	ug/l	99
18) Methyl Acetate	5.018	43	178753	94.384	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	690939	112.481	ug/l	99
20) Methylene Chloride	5.265	84	224327	100.177	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	220657	107.710	ug/l	99
22) Diisopropyl ether	6.665	45	559282	112.225	ug/l	99
23) Vinyl Acetate	6.600	43	2187667	579.034	ug/l	100
24) 1,1-Dichloroethane	6.559	63	374239	102.121	ug/l	99
25) 2-Butanone	7.477	43	605615	548.306	ug/l	99
26) 2,2-Dichloropropane	7.483	77	377635	107.034	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	251929	108.218	ug/l	98
28) Bromochloromethane	7.812	49	147305	94.874	ug/l	98
29) Tetrahydrofuran	7.830	42	372372	546.087	ug/l	99
30) Chloroform	7.965	83	409546	101.106	ug/l	99
31) Cyclohexane	8.253	56	325757	104.345	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	400089	104.344	ug/l	98
36) 1,1-Dichloropropene	8.365	75	296177	114.993	ug/l	100
37) Ethyl Acetate	7.559	43	224022	103.099	ug/l	98
38) Carbon Tetrachloride	8.359	117	377239	111.395	ug/l	98
39) Methylcyclohexane	9.600	83	324420	126.957	ug/l	97
40) Benzene	8.600	78	902443	111.613	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	123440	118.971	ug/l		95
42) 1,2-Dichloroethane	8.665	62	301678	107.080	ug/l		99
43) Isopropyl Acetate	8.683	43	398367	84.427	ug/l		99
44) Trichloroethene	9.347	130	220997	105.460	ug/l		92
45) 1,2-Dichloropropane	9.618	63	205313	111.644	ug/l		97
46) Dibromomethane	9.706	93	156183	107.992	ug/l		100
47) Bromodichloromethane	9.882	83	336242	111.244	ug/l		99
48) Methyl methacrylate	9.677	41	183832	118.314	ug/l		98
49) 1,4-Dioxane	9.688	88	83630	2276.865	ug/l		94
51) 4-Methyl-2-Pentanone	10.441	43	1216534	585.839	ug/l		100
52) Toluene	10.629	92	601872	121.286	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	362129	123.365	ug/l		98
54) cis-1,3-Dichloropropene	10.306	75	369494	119.304	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	213909	112.938	ug/l		96
56) Ethyl methacrylate	10.871	69	354676	100.009	ug/l		99
57) 1,3-Dichloropropane	11.159	76	368384	114.512	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	678829	498.510	ug/l		99
59) 2-Hexanone	11.194	43	935328	618.290	ug/l		99
60) Dibromochloromethane	11.359	129	281651	115.239	ug/l		99
61) 1,2-Dibromoethane	11.465	107	224197	115.301	ug/l		98
64) Tetrachloroethene	11.100	164	217951	102.122	ug/l		98
65) Chlorobenzene	11.888	112	657655	107.422	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	241702	106.205	ug/l		98
67) Ethyl Benzene	11.959	91	1182051	120.702	ug/l		99
68) m/p-Xylenes	12.071	106	927553	240.977	ug/l		99
69) o-Xylene	12.394	106	444866	125.926	ug/l		99
70) Styrene	12.412	104	765959	126.938	ug/l		100
71) Bromoform	12.576	173	209637	110.191	ug/l	#	99
73) Isopropylbenzene	12.694	105	1139716	113.143	ug/l		100
74) N-amyl acetate	12.494	43	377161	111.912	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	317335	93.117	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	315551m	93.831	ug/l		
77) Bromobenzene	12.976	156	284449	101.270	ug/l		100
78) n-propylbenzene	13.035	91	1341141	117.577	ug/l		100
79) 2-Chlorotoluene	13.123	91	832060	109.823	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	1002727	117.902	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	143254	114.684	ug/l		97
82) 4-Chlorotoluene	13.218	91	861737	110.605	ug/l		99
83) tert-Butylbenzene	13.435	119	820651	112.824	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	1024294	119.410	ug/l		100
85) sec-Butylbenzene	13.612	105	1160166	122.266	ug/l		100
86) p-Isopropyltoluene	13.729	119	1015859	126.470	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	543572	107.364	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	538505	101.234	ug/l		99
89) n-Butylbenzene	14.053	91	848367	129.699	ug/l		100
90) Hexachloroethane	14.329	117	187906	101.383	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	506350	100.605	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	70713	103.948	ug/l		95
93) 1,2,4-Trichlorobenzene	15.394	180	280971	111.025	ug/l		99
94) Hexachlorobutadiene	15.500	225	144077	98.130	ug/l		99
95) Naphthalene	15.641	128	843691	115.132	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	265586	110.600	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 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

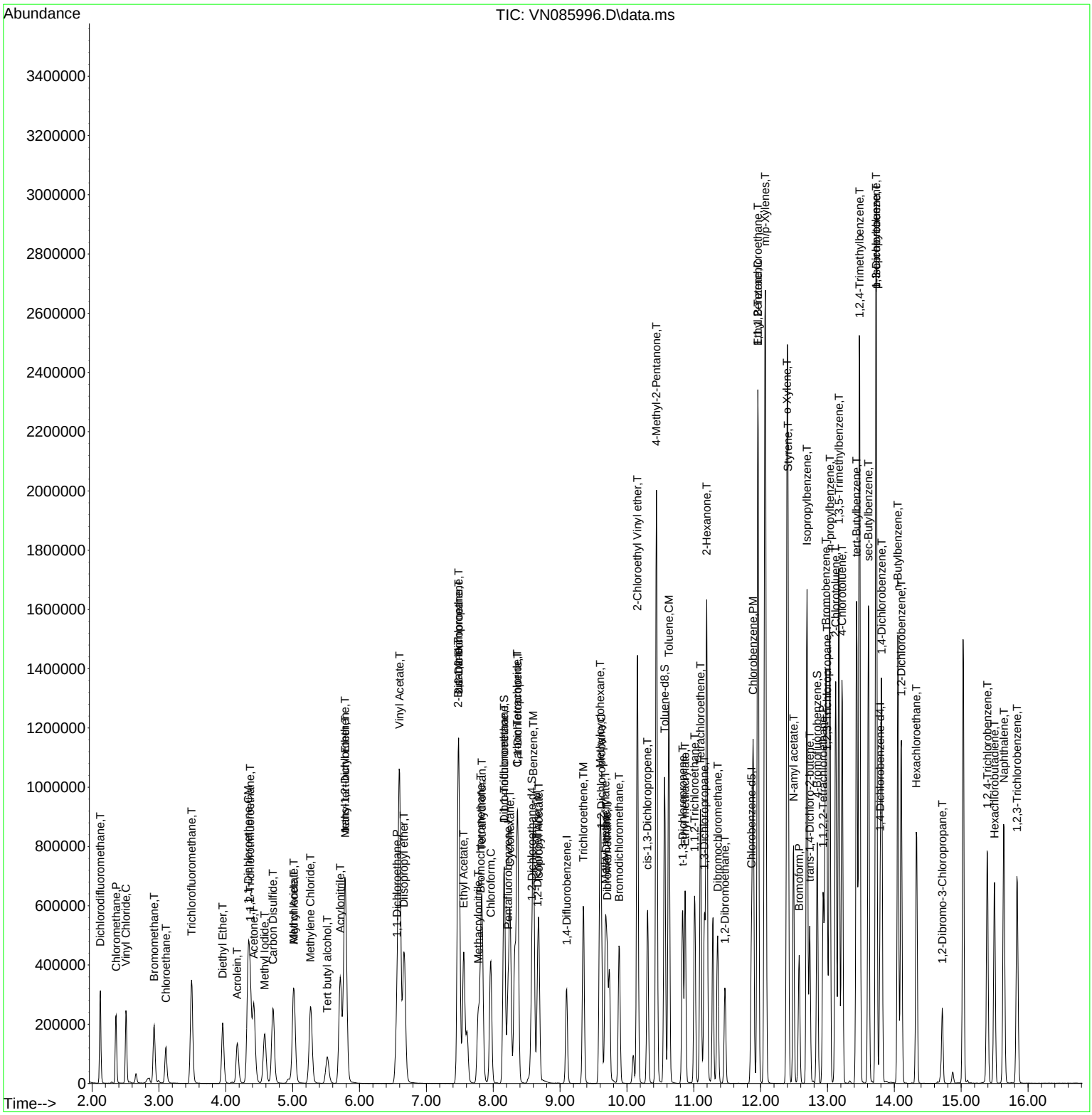
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085997.D
Acq On : 18 Mar 2025 12:08
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:53:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	191040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127029	48.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.120%			
35) Dibromofluoromethane	8.165	113	101590	47.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	10.565	98	384569	49.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.847	95	141464	51.544	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	122875	48.549	ug/l	100
3) Chloromethane	2.360	50	106345	47.928	ug/l	100
4) Vinyl Chloride	2.507	62	113163	49.880	ug/l	100
5) Bromomethane	2.942	94	72791	47.103	ug/l	100
6) Chloroethane	3.112	64	63077	44.072	ug/l	100
7) Trichlorofluoromethane	3.489	101	186678	45.774	ug/l	100
8) Diethyl Ether	3.959	74	61984	49.647	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	98361	45.380	ug/l	100
10) Methyl Iodide	4.583	142	139044	49.232	ug/l	100
11) Tert butyl alcohol	5.524	59	90032	243.082	ug/l	100
12) 1,1-Dichloroethene	4.336	96	98583	50.369	ug/l	100
13) Acrolein	4.177	56	95299	241.241	ug/l	100
14) Allyl chloride	5.018	41	117849	48.265	ug/l	100
15) Acrylonitrile	5.718	53	236614	241.896	ug/l	100
16) Acetone	4.424	43	185613	232.246	ug/l	100
17) Carbon Disulfide	4.706	76	288424	44.810	ug/l	100
18) Methyl Acetate	5.024	43	89551	45.288	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	323093	50.377	ug/l	100
20) Methylene Chloride	5.271	84	107918	46.158	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	101963	47.670	ug/l	100
22) Diisopropyl ether	6.671	45	263272	50.597	ug/l	100
23) Vinyl Acetate	6.600	43	1019460	258.439	ug/l	100
24) 1,1-Dichloroethane	6.565	63	181215	47.361	ug/l	100
25) 2-Butanone	7.483	43	278702	241.675	ug/l	100
26) 2,2-Dichloropropane	7.489	77	176949	48.036	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	120874	49.730	ug/l	100
28) Bromochloromethane	7.806	49	74679	46.067	ug/l	100
29) Tetrahydrofuran	7.836	42	185207	260.140	ug/l	100
30) Chloroform	7.965	83	194324	45.948	ug/l	100
31) Cyclohexane	8.253	56	152647	46.831	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	188288	47.032	ug/l	100
36) 1,1-Dichloropropene	8.365	75	137990	49.422	ug/l	100
37) Ethyl Acetate	7.559	43	111535	47.350	ug/l	100
38) Carbon Tetrachloride	8.359	117	175652	47.847	ug/l	100
39) Methylcyclohexane	9.600	83	144397	52.126	ug/l	100
40) Benzene	8.606	78	423071	48.268	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085997.D
Acq On : 18 Mar 2025 12:08
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 02:53:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	58596	52.096	ug/l		100
42) 1,2-Dichloroethane	8.671	62	144354	47.265	ug/l		100
43) Isopropyl Acetate	8.683	43	208926m	40.845	ug/l		
44) Trichloroethene	9.347	130	105089	46.260	ug/l		100
45) 1,2-Dichloropropane	9.618	63	97398	48.856	ug/l		100
46) Dibromomethane	9.706	93	73743	47.036	ug/l		100
47) Bromodichloromethane	9.883	83	156908	47.887	ug/l		100
48) Methyl methacrylate	9.677	41	87911	52.192	ug/l		100
49) 1,4-Dioxane	9.694	88	41818	1050.235	ug/l		100
51) 4-Methyl-2-Pentanone	10.441	43	584167	259.501	ug/l		100
52) Toluene	10.630	92	277914	51.661	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	163659	51.430	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	172456	51.366	ug/l		100
55) 1,1,2-Trichloroethane	11.012	97	99259	48.343	ug/l		100
56) Ethyl methacrylate	10.871	69	159926	49.943	ug/l		100
57) 1,3-Dichloropropane	11.159	76	172224	49.385	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	323306	261.262	ug/l		100
59) 2-Hexanone	11.194	43	431923	263.380	ug/l		100
60) Dibromochloromethane	11.359	129	131303	49.558	ug/l		100
61) 1,2-Dibromoethane	11.465	107	106539	50.543	ug/l		100
64) Tetrachloroethene	11.100	164	101407	46.478	ug/l		100
65) Chlorobenzene	11.888	112	296813	47.424	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	111333	47.853	ug/l		100
67) Ethyl Benzene	11.959	91	524655	52.405	ug/l		100
68) m/p-Xylenes	12.071	106	413470	105.075	ug/l		100
69) o-Xylene	12.394	106	195107	54.023	ug/l		100
70) Styrene	12.406	104	333544	54.070	ug/l		100
71) Bromoform	12.577	173	94268	48.469	ug/l	#	100
73) Isopropylbenzene	12.694	105	496368	52.708	ug/l		100
74) N-amyl acetate	12.494	43	168199	53.384	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.935	83	145034	45.522	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	159517m	50.737	ug/l		
77) Bromobenzene	12.976	156	125436	47.769	ug/l		100
78) n-propylbenzene	13.035	91	576797	54.089	ug/l		100
79) 2-Chlorotoluene	13.124	91	361320	51.012	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	430051	54.088	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	57082	48.881	ug/l		100
82) 4-Chlorotoluene	13.218	91	371739	51.036	ug/l		100
83) tert-Butylbenzene	13.435	119	351295	51.660	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	431645	53.825	ug/l		100
85) sec-Butylbenzene	13.612	105	484551	54.622	ug/l		100
86) p-Isopropyltoluene	13.729	119	418830	55.774	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	232357	49.090	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	229820	46.213	ug/l		100
89) n-Butylbenzene	14.053	91	334309	54.669	ug/l		100
90) Hexachloroethane	14.329	117	80312	46.350	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	220326	46.825	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30533	48.010	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	117285	49.573	ug/l		100
94) Hexachlorobutadiene	15.500	225	60983	44.428	ug/l		100
95) Naphthalene	15.641	128	359331	52.451	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	114262	50.897	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085997.D
Acq On : 18 Mar 2025 12:08
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:53:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 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

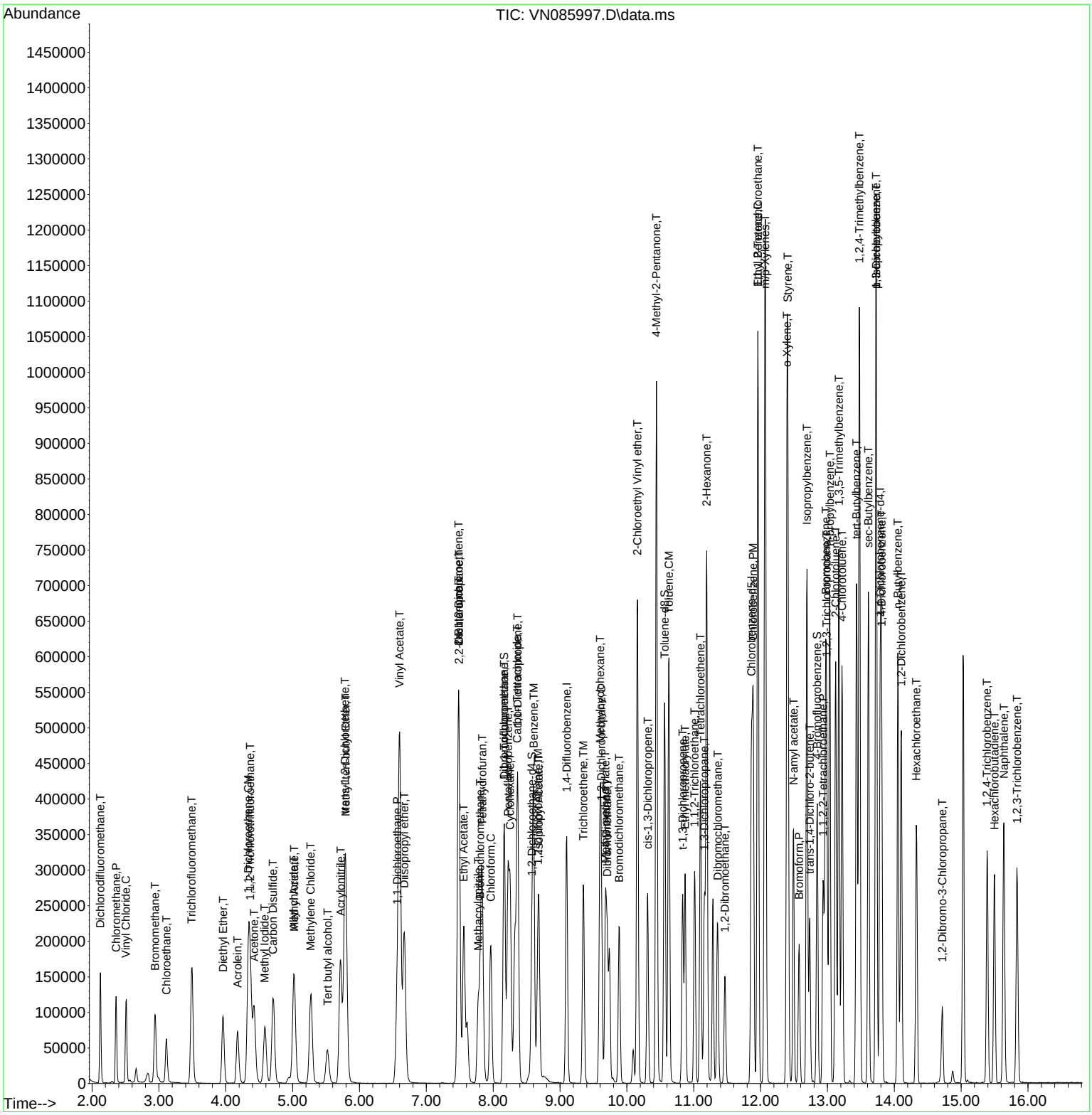
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085997.D
Acq On : 18 Mar 2025 12:08
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 02:53:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085998.D
Acq On : 18 Mar 2025 12:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:54:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	180263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48218	19.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.060%#		
35) Dibromofluoromethane	8.165	113	39531	19.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%#		
50) Toluene-d8	10.565	98	142597	19.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.560%#		
62) 4-Bromofluorobenzene	12.847	95	50895	19.799	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.600%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	43250	18.110	ug/l	96
3) Chloromethane	2.359	50	37051	17.697	ug/l	98
4) Vinyl Chloride	2.506	62	39037	18.236	ug/l	98
5) Bromomethane	2.942	94	27158	18.625	ug/l	97
6) Chloroethane	3.106	64	24077	17.829	ug/l #	86
7) Trichlorofluoromethane	3.495	101	69126	17.963	ug/l	99
8) Diethyl Ether	3.959	74	22721	19.287	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	36929	18.056	ug/l	99
10) Methyl Iodide	4.583	142	49138	18.439	ug/l	91
11) Tert butyl alcohol	5.518	59	32886	94.099	ug/l	99
12) 1,1-Dichloroethene	4.336	96	34693	18.786	ug/l	95
13) Acrolein	4.177	56	37669	101.056	ug/l	99
14) Allyl chloride	5.018	41	41227	17.894	ug/l	99
15) Acrylonitrile	5.718	53	88238	95.601	ug/l	98
16) Acetone	4.424	43	64377	85.367	ug/l	97
17) Carbon Disulfide	4.706	76	105800	17.420	ug/l	100
18) Methyl Acetate	5.024	43	31321	16.787	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	113784	18.802	ug/l	96
20) Methylene Chloride	5.277	84	39757	18.021	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	37536	18.598	ug/l	98
22) Diisopropyl ether	6.671	45	94961	19.341	ug/l	94
23) Vinyl Acetate	6.600	43	369355m	99.232	ug/l	
24) 1,1-Dichloroethane	6.565	63	65460	18.131	ug/l	100
25) 2-Butanone	7.483	43	99742	91.662	ug/l	96
26) 2,2-Dichloropropane	7.488	77	63430	18.249	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	42598	18.573	ug/l	98
28) Bromochloromethane	7.812	49	28688	18.755	ug/l	99
29) Tetrahydrofuran	7.841	42	65915	98.119	ug/l	99
30) Chloroform	7.965	83	72867	18.259	ug/l	97
31) Cyclohexane	8.253	56	55179	17.940	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	69390	18.369	ug/l	95
36) 1,1-Dichloropropene	8.371	75	47900	18.317	ug/l	100
37) Ethyl Acetate	7.559	43	41696	18.899	ug/l	99
38) Carbon Tetrachloride	8.353	117	63404	18.440	ug/l	92
39) Methylcyclohexane	9.600	83	47633	18.359	ug/l	94
40) Benzene	8.606	78	153432	18.690	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085998.D
Acq On : 18 Mar 2025 12:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 02:54:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	21324	20.242	ug/l		96
42) 1,2-Dichloroethane	8.671	62	52637	18.401	ug/l		100
43) Isopropyl Acetate	8.688	43	90251m	18.838	ug/l		
44) Trichloroethene	9.353	130	38098	17.906	ug/l		94
45) 1,2-Dichloropropane	9.618	63	36309	19.446	ug/l		98
46) Dibromomethane	9.706	93	26612	18.123	ug/l		98
47) Bromodichloromethane	9.888	83	57646	18.784	ug/l		96
48) Methyl methacrylate	9.677	41	30533	19.354	ug/l		99
49) 1,4-Dioxane	9.694	88	14060	377.006	ug/l		90
51) 4-Methyl-2-Pentanone	10.441	43	209460	99.344	ug/l		98
52) Toluene	10.629	92	98133	19.476	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	57384	19.253	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	60620	19.278	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	35992	18.716	ug/l		96
56) Ethyl methacrylate	10.871	69	52684	20.039	ug/l		99
57) 1,3-Dichloropropane	11.159	76	61369	18.788	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	66141	69.674	ug/l		99
59) 2-Hexanone	11.194	43	152912	99.554	ug/l		98
60) Dibromochloromethane	11.359	129	46407	18.701	ug/l		98
61) 1,2-Dibromoethane	11.465	107	37071	18.777	ug/l		97
64) Tetrachloroethene	11.100	164	37287	18.572	ug/l		95
65) Chlorobenzene	11.888	112	107742	18.708	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39102	18.264	ug/l		98
67) Ethyl Benzene	11.959	91	175592	19.060	ug/l		97
68) m/p-Xylenes	12.071	106	141029	38.948	ug/l		99
69) o-Xylene	12.394	106	65978	19.853	ug/l		99
70) Styrene	12.406	104	112279	19.780	ug/l		99
71) Bromoform	12.576	173	33086	18.487	ug/l	#	99
73) Isopropylbenzene	12.694	105	162838	19.041	ug/l		100
74) N-amyl acetate	12.494	43	56163	19.630	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52144	18.023	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	57493m	20.137	ug/l		
77) Bromobenzene	12.976	156	43969	18.439	ug/l		99
78) n-propylbenzene	13.035	91	189068	19.524	ug/l		99
79) 2-Chlorotoluene	13.123	91	123854	19.256	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	142528	19.740	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	21026	19.827	ug/l		94
82) 4-Chlorotoluene	13.218	91	128159	19.376	ug/l		99
83) tert-Butylbenzene	13.435	119	114669	18.570	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	144557	19.850	ug/l		100
85) sec-Butylbenzene	13.612	105	158970	19.734	ug/l		99
86) p-Isopropyltoluene	13.729	119	133733	19.611	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	80845	18.809	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	81175	17.975	ug/l		99
89) n-Butylbenzene	14.053	91	103559	18.649	ug/l		98
90) Hexachloroethane	14.329	117	27141	17.249	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	76225	17.839	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10795	18.692	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	39028	18.166	ug/l		98
94) Hexachlorobutadiene	15.494	225	22741	18.244	ug/l		98
95) Naphthalene	15.635	128	115493	18.564	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	38684	18.975	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085998.D
Acq On : 18 Mar 2025 12:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:54:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 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

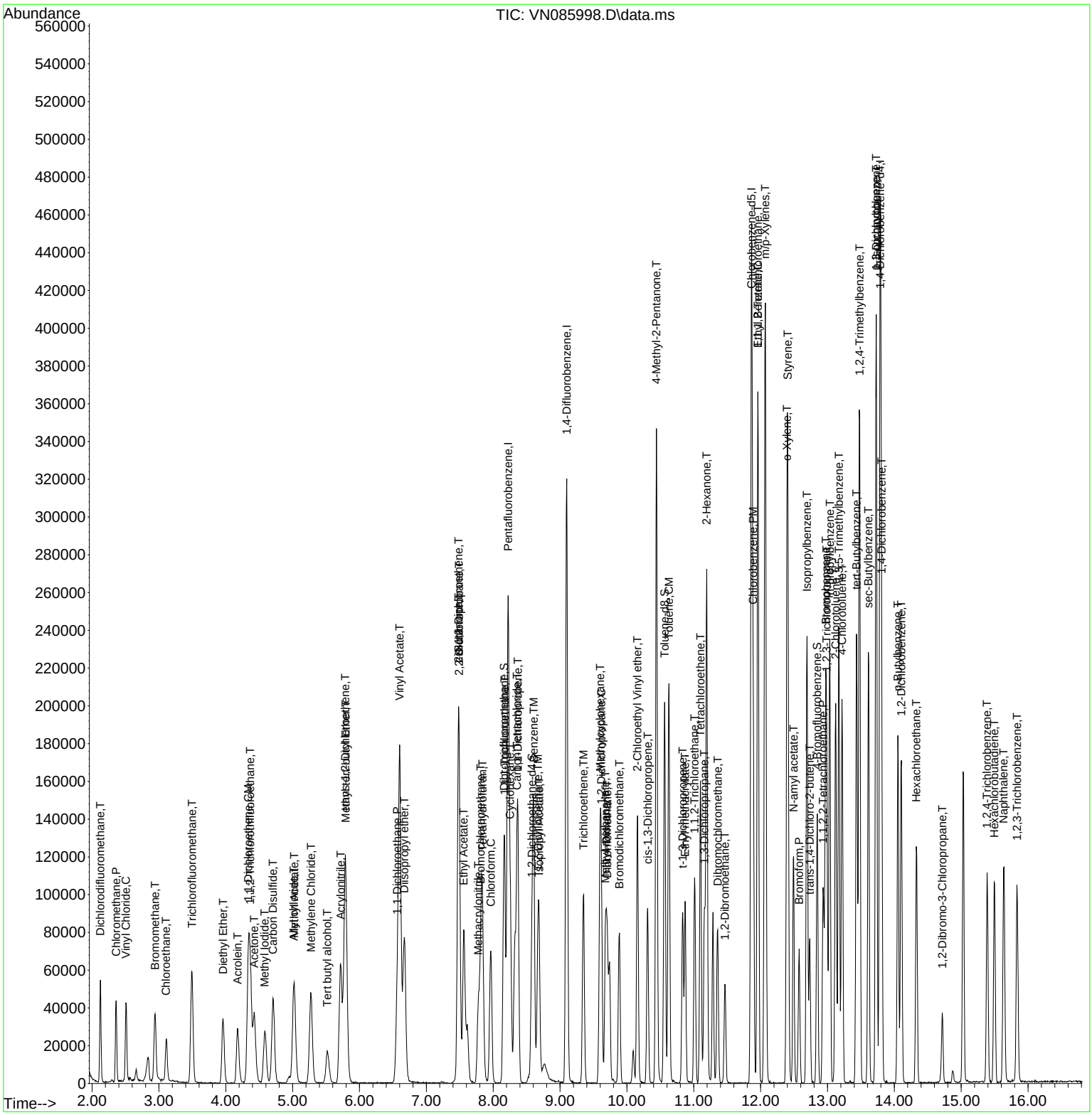
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085998.D
Acq On : 18 Mar 2025 12:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 02:54:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085999.D
Acq On : 18 Mar 2025 12:57
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:55:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	177085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	25519	10.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.040%#		
35) Dibromofluoromethane	8.159	113	20600	10.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.740%#		
50) Toluene-d8	10.565	98	73317	10.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.340%#		
62) 4-Bromofluorobenzene	12.847	95	25049	9.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	19.500%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	22978	9.794	ug/l	100
3) Chloromethane	2.359	50	19259	9.364	ug/l	99
4) Vinyl Chloride	2.512	62	20562	9.778	ug/l	97
5) Bromomethane	2.965	94	14539	10.150	ug/l	95
6) Chloroethane	3.118	64	13400	10.101	ug/l	98
7) Trichlorofluoromethane	3.494	101	36653	9.696	ug/l	96
8) Diethyl Ether	3.959	74	11412	9.861	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	19603	9.757	ug/l	98
10) Methyl Iodide	4.589	142	25149	9.606	ug/l #	94
11) Tert butyl alcohol	5.530	59	17174	50.023	ug/l #	88
12) 1,1-Dichloroethene	4.341	96	19300	10.638	ug/l	99
13) Acrolein	4.177	56	17536	47.889	ug/l	99
14) Allyl chloride	5.030	41	21799	9.631	ug/l	99
15) Acrylonitrile	5.718	53	45069	49.706	ug/l	99
16) Acetone	4.424	43	34466	46.524	ug/l	93
17) Carbon Disulfide	4.712	76	57012	9.555	ug/l	99
18) Methyl Acetate	5.018	43	17854	9.741	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	56795	9.553	ug/l	98
20) Methylene Chloride	5.271	84	20262	9.349	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	19340	9.754	ug/l	95
22) Diisopropyl ether	6.677	45	49389	10.240	ug/l	95
23) Vinyl Acetate	6.606	43	180182	49.277	ug/l	97
24) 1,1-Dichloroethane	6.571	63	34294	9.669	ug/l	97
25) 2-Butanone	7.488	43	52665	49.267	ug/l	93
26) 2,2-Dichloropropane	7.482	77	32775	9.598	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	21843	9.695	ug/l	97
28) Bromochloromethane	7.812	49	14293	9.512	ug/l	98
29) Tetrahydrofuran	7.841	42	33470	50.716	ug/l	98
30) Chloroform	7.965	83	38998	9.948	ug/l	95
31) Cyclohexane	8.259	56	30234	10.006	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	36307	9.784	ug/l	98
36) 1,1-Dichloropropene	8.371	75	25215	9.644	ug/l	99
37) Ethyl Acetate	7.559	43	22354	10.134	ug/l	99
38) Carbon Tetrachloride	8.359	117	33005	9.601	ug/l	89
39) Methylcyclohexane	9.600	83	22685	8.745	ug/l	89
40) Benzene	8.606	78	78849	9.606	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085999.D
Acq On : 18 Mar 2025 12:57
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 02:55:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	10855	10.306	ug/l		97
42) 1,2-Dichloroethane	8.671	62	27959	9.776	ug/l		98
43) Isopropyl Acetate	8.688	43	50383m	10.518	ug/l		
44) Trichloroethene	9.353	130	20094	9.446	ug/l		92
45) 1,2-Dichloropropane	9.623	63	18278	9.791	ug/l		97
46) Dibromomethane	9.706	93	14254	9.709	ug/l		98
47) Bromodichloromethane	9.888	83	29326	9.558	ug/l	#	99
48) Methyl methacrylate	9.676	41	15095	9.570	ug/l		99
49) 1,4-Dioxane	9.694	88	8137	218.227	ug/l		97
51) 4-Methyl-2-Pentanone	10.441	43	108196	51.326	ug/l		97
52) Toluene	10.629	92	49947	9.915	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	28817	9.670	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	31572	10.042	ug/l		100
55) 1,1,2-Trichloroethane	11.012	97	18779	9.767	ug/l		94
56) Ethyl methacrylate	10.870	69	25340	10.180	ug/l		97
57) 1,3-Dichloropropane	11.159	76	32516	9.957	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	56781	60.781	ug/l		99
59) 2-Hexanone	11.194	43	76690	49.939	ug/l		97
60) Dibromochloromethane	11.359	129	24029	9.685	ug/l		98
61) 1,2-Dibromoethane	11.470	107	19500	9.879	ug/l		97
64) Tetrachloroethene	11.100	164	19436	9.781	ug/l		95
65) Chlorobenzene	11.888	112	55590	9.752	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	20639	9.740	ug/l		97
67) Ethyl Benzene	11.959	91	88133	9.666	ug/l		97
68) m/p-Xylenes	12.070	106	68738	19.180	ug/l		99
69) o-Xylene	12.400	106	32135	9.770	ug/l		99
70) Styrene	12.412	104	51989	9.254	ug/l		98
71) Bromoform	12.576	173	17048	9.624	ug/l	#	98
73) Isopropylbenzene	12.694	105	78299	10.163	ug/l		98
74) N-amyl acetate	12.488	43	26009	10.090	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	26865	10.307	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	26024m	10.117	ug/l		
77) Bromobenzene	12.976	156	21805	10.150	ug/l		98
78) n-propylbenzene	13.035	91	87149	9.989	ug/l		100
79) 2-Chlorotoluene	13.123	91	58382	10.075	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	65511	10.071	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	9044	9.466	ug/l		95
82) 4-Chlorotoluene	13.217	91	60050	10.077	ug/l		100
83) tert-Butylbenzene	13.435	119	56793	10.208	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	66424	10.124	ug/l		99
85) sec-Butylbenzene	13.611	105	73271	10.096	ug/l		100
86) p-Isopropyltoluene	13.723	119	60661	9.874	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	39474	10.194	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	39616	9.737	ug/l		97
89) n-Butylbenzene	14.053	91	46910	9.376	ug/l		97
90) Hexachloroethane	14.329	117	13417	9.464	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	37747	9.805	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5994	11.520	ug/l		88
93) 1,2,4-Trichlorobenzene	15.388	180	18382	9.497	ug/l		99
94) Hexachlorobutadiene	15.500	225	11293	10.056	ug/l		98
95) Naphthalene	15.635	128	54670	9.754	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	17914	9.753	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085999.D
Acq On : 18 Mar 2025 12:57
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:55:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

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

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

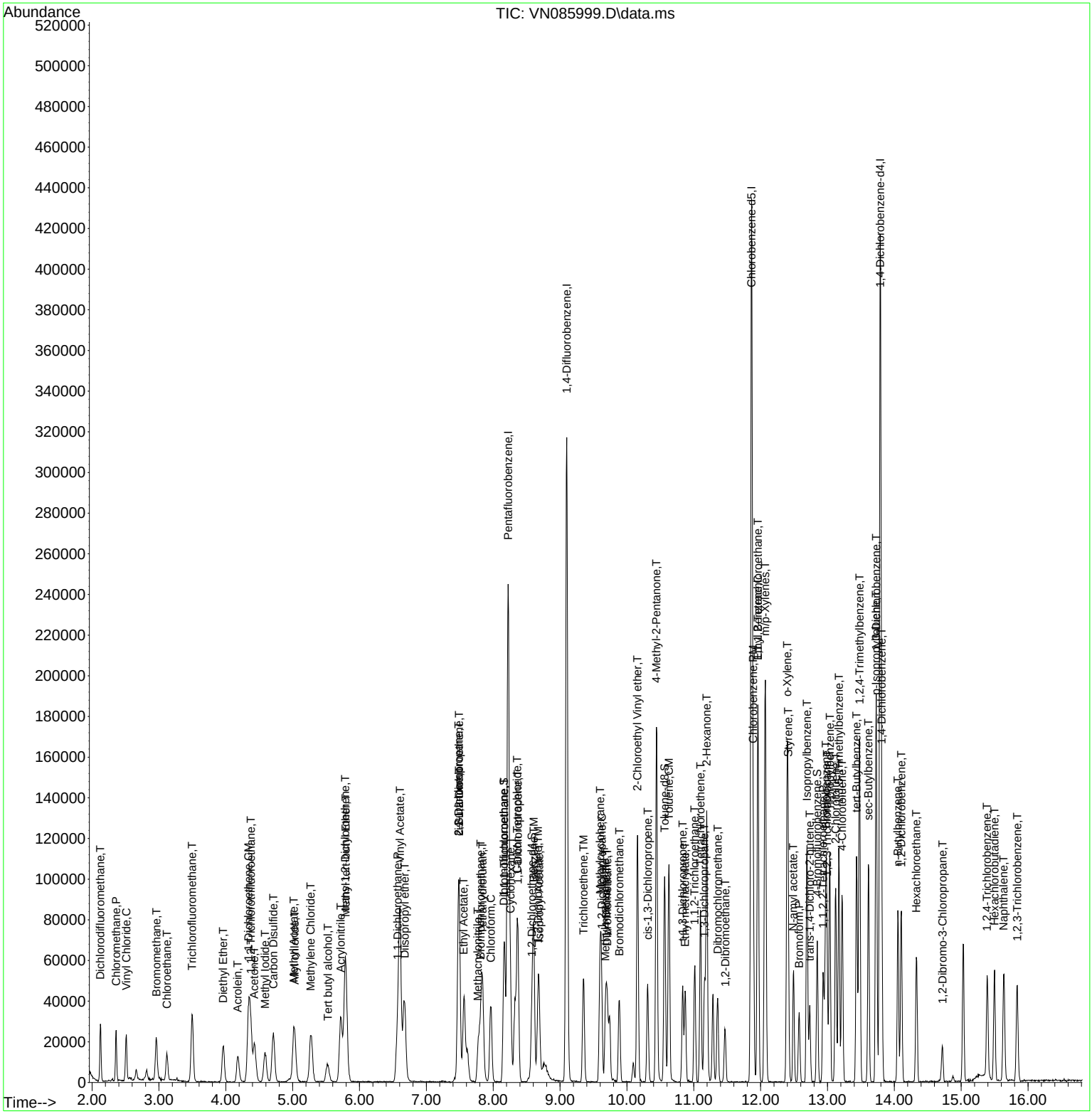
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085999.D
Acq On : 18 Mar 2025 12:57
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 02:55:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086000.D
Acq On : 18 Mar 2025 13:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	163796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	12074	5.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.760%#		
35) Dibromofluoromethane	8.165	113	9983	5.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	10.565	98	32999	4.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.600%#		
62) 4-Bromofluorobenzene	12.847	95	10615	4.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.660%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	11420	5.263	ug/l	92
3) Chloromethane	2.359	50	10021	5.268	ug/l	99
4) Vinyl Chloride	2.506	62	10389	5.341	ug/l	100
5) Bromomethane	2.942	94	7641	5.767	ug/l	94
6) Chloroethane	3.106	64	6607	5.384	ug/l	94
7) Trichlorofluoromethane	3.489	101	18136	5.187	ug/l	94
8) Diethyl Ether	3.965	74	5061	4.728	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	9669	5.203	ug/l	97
10) Methyl Iodide	4.589	142	12547	5.181	ug/l	94
11) Tert butyl alcohol	5.518	59	8843	27.847	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	9006	5.367	ug/l	91
13) Acrolein	4.183	56	9429	27.839	ug/l	97
14) Allyl chloride	5.018	41	11201	5.350	ug/l	95
15) Acrylonitrile	5.724	53	22174	26.440	ug/l	98
16) Acetone	4.436	43	17456	25.474	ug/l	96
17) Carbon Disulfide	4.706	76	28904	5.237	ug/l	98
18) Methyl Acetate	5.024	43	8878	5.237	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	26823	4.878	ug/l	94
20) Methylene Chloride	5.277	84	10471	5.223	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	9241	5.039	ug/l	85
22) Diisopropyl ether	6.671	45	22716	5.092	ug/l	91
23) Vinyl Acetate	6.606	43	83783	24.772	ug/l	98
24) 1,1-Dichloroethane	6.571	63	16897	5.151	ug/l	99
25) 2-Butanone	7.482	43	26095	26.392	ug/l	96
26) 2,2-Dichloropropane	7.488	77	16658	5.274	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	10741	5.154	ug/l	98
28) Bromochloromethane	7.812	49	7039	5.064	ug/l #	99
29) Tetrahydrofuran	7.847	42	16104	26.382	ug/l	97
30) Chloroform	7.965	83	18814	5.188	ug/l	95
31) Cyclohexane	8.247	56	15682	5.611	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	17962	5.233	ug/l	92
36) 1,1-Dichloropropene	8.365	75	12303	4.936	ug/l	96
37) Ethyl Acetate	7.565	43	11164	5.309	ug/l	98
38) Carbon Tetrachloride	8.359	117	16628	5.074	ug/l	99
39) Methylcyclohexane	9.600	83	11562	4.675	ug/l #	86
40) Benzene	8.606	78	39414	5.037	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086000.D
Acq On : 18 Mar 2025 13:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.782	41	5095	5.074 ug/l		94
42) 1,2-Dichloroethane	8.671	62	14311	5.249 ug/l		97
43) Isopropyl Acetate	8.688	43	22794	4.992 ug/l	#	87
44) Trichloroethene	9.353	130	10304	5.081 ug/l		93
45) 1,2-Dichloropropane	9.618	63	9026	5.071 ug/l		100
46) Dibromomethane	9.706	93	7270	5.194 ug/l		95
47) Bromodichloromethane	9.888	83	15203	5.197 ug/l		93
48) Methyl methacrylate	9.682	41	6970	4.635 ug/l		95
49) 1,4-Dioxane	9.700	88	3831	107.772 ug/l	#	89
51) 4-Methyl-2-Pentanone	10.441	43	50081	24.920 ug/l		95
52) Toluene	10.629	92	23224	4.836 ug/l		99
53) t-1,3-Dichloropropene	10.835	75	13594	4.785 ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	14556	4.856 ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	9178	5.007 ug/l		95
56) Ethyl methacrylate	10.870	69	11206	4.940 ug/l		93
57) 1,3-Dichloropropane	11.165	76	15126	4.858 ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	25811	31.548 ug/l		100
59) 2-Hexanone	11.194	43	35455	24.217 ug/l		96
60) Dibromochloromethane	11.359	129	11813	4.994 ug/l		99
61) 1,2-Dibromoethane	11.465	107	9143	4.859 ug/l		90
64) Tetrachloroethene	11.106	164	9809	5.284 ug/l		93
65) Chlorobenzene	11.888	112	26908	5.053 ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.959	131	10358	5.232 ug/l		96
67) Ethyl Benzene	11.965	91	40845	4.795 ug/l		99
68) m/p-Xylenes	12.065	106	30743	9.182 ug/l		98
69) o-Xylene	12.400	106	13604	4.427 ug/l		94
70) Styrene	12.406	104	24028	4.578 ug/l		99
71) Bromoform	12.570	173	8257	4.989 ug/l	#	95
73) Isopropylbenzene	12.694	105	35476	4.780 ug/l		99
74) N-amyl acetate	12.494	43	11933	4.806 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	13700	5.457 ug/l		94
76) 1,2,3-Trichloropropane	12.988	75	13734m	5.543 ug/l		
77) Bromobenzene	12.976	156	10805	5.222 ug/l		94
78) n-propylbenzene	13.035	91	40052	4.766 ug/l		98
79) 2-Chlorotoluene	13.123	91	27970	5.011 ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	28674	4.576 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	4314	4.688 ug/l		96
82) 4-Chlorotoluene	13.217	91	27891	4.859 ug/l		98
83) tert-Butylbenzene	13.435	119	24760	4.621 ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	29165	4.615 ug/l		100
85) sec-Butylbenzene	13.617	105	32694	4.677 ug/l		97
86) p-Isopropyltoluene	13.729	119	26188	4.425 ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	18666	5.004 ug/l		97
88) 1,4-Dichlorobenzene	13.806	146	20725	5.288 ug/l		96
89) n-Butylbenzene	14.059	91	21529	4.468 ug/l		96
90) Hexachloroethane	14.335	117	7037	5.154 ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	18733	5.052 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2714	5.415 ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	9252	4.962 ug/l		95
94) Hexachlorobutadiene	15.500	225	5668	5.240 ug/l		97
95) Naphthalene	15.641	128	24023	4.450 ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	8594	4.858 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086000.D
Acq On : 18 Mar 2025 13:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 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

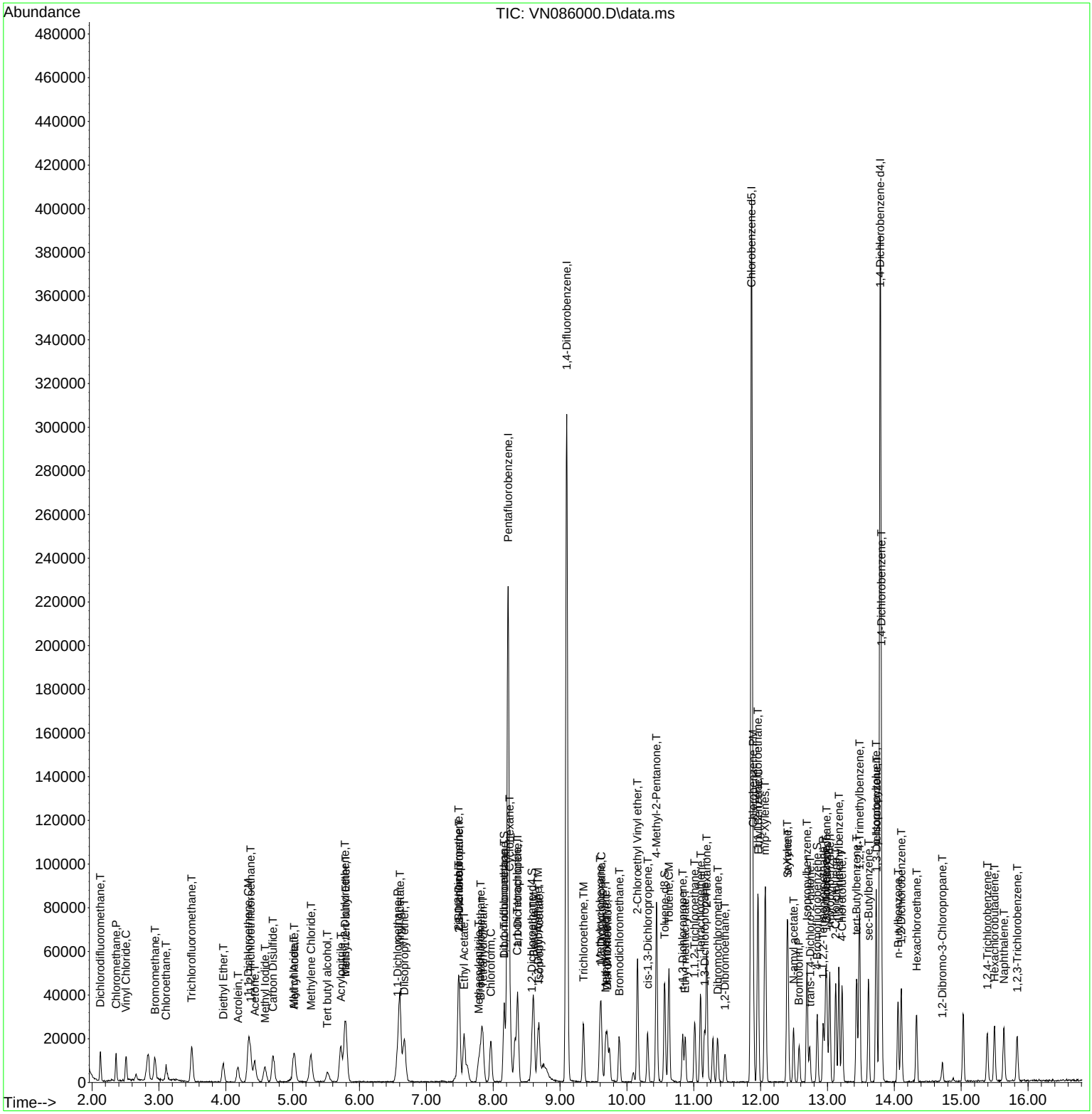
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086000.D
Acq On : 18 Mar 2025 13:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086001.D
Acq On : 18 Mar 2025 14:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 02:57:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	145853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83272	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	2.124	85	1979	1.024	ug/l	86
3) Chloromethane	2.359	50	1992	1.176	ug/l	99
4) Vinyl Chloride	2.512	62	1726	0.996	ug/l #	74
6) Chloroethane	3.124	64	1302	1.192	ug/l	90
7) Trichlorofluoromethane	3.500	101	3696	1.187	ug/l	86
8) Diethyl Ether	3.959	74	980	1.028	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	1923m	1.162	ug/l	
12) 1,1-Dichloroethene	4.347	96	1210	0.810	ug/l #	69
14) Allyl chloride	5.024	41	1936	1.039	ug/l #	85
15) Acrylonitrile	5.724	53	3682	4.930	ug/l #	68
16) Acetone	4.436	43	3256	5.336	ug/l	99
17) Carbon Disulfide	4.706	76	6146	1.251	ug/l #	94
18) Methyl Acetate	5.024	43	1947	1.290	ug/l #	77
19) Methyl tert-butyl Ether	5.794	73	4880	0.997	ug/l #	91
20) Methylene Chloride	5.271	84	2132	1.194	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	1725	1.056	ug/l #	76
22) Diisopropyl ether	6.677	45	3402m	0.856	ug/l	
23) Vinyl Acetate	6.606	43	12634	4.195	ug/l	98
24) 1,1-Dichloroethane	6.577	63	3295m	1.128	ug/l	
25) 2-Butanone	7.482	43	4310	4.895	ug/l	95
26) 2,2-Dichloropropane	7.482	77	2930	1.042	ug/l #	68
27) cis-1,2-Dichloroethene	7.488	96	1845	0.994	ug/l	90
28) Bromochloromethane	7.812	49	1520	1.228	ug/l #	98
29) Tetrahydrofuran	7.841	42	2219	4.082	ug/l #	81
30) Chloroform	7.959	83	3631	1.125	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	3278	1.072	ug/l #	42
36) 1,1-Dichloropropene	8.376	75	2281	0.994	ug/l	97
37) Ethyl Acetate	7.559	43	1939m	1.002	ug/l	
38) Carbon Tetrachloride	8.365	117	3114	1.032	ug/l #	95
39) Methylcyclohexane	9.594	83	2186	0.960	ug/l	92
40) Benzene	8.606	78	7317	1.016	ug/l	96
41) Methacrylonitrile	7.777	41	657	0.711	ug/l #	72
42) 1,2-Dichloroethane	8.671	62	2601	1.036	ug/l	80
43) Isopropyl Acetate	8.694	43	5607	1.334	ug/l #	75
44) Trichloroethene	9.347	130	2173	1.164	ug/l	74
45) 1,2-Dichloropropane	9.623	63	1541	0.941	ug/l #	83

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086001.D
Acq On : 18 Mar 2025 14:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:57:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.700	93	1370	1.064	ug/l		90
47) Bromodichloromethane	9.882	83	2680	0.995	ug/l	#	82
48) Methyl methacrylate	9.682	41	1275	0.921	ug/l	#	77
49) 1,4-Dioxane	9.688	88	458	13.999	ug/l	#	47
51) 4-Methyl-2-Pentanone	10.447	43	7154	3.868	ug/l		94
52) Toluene	10.629	92	3631	0.821	ug/l		95
53) t-1,3-Dichloropropene	10.835	75	2225	0.851	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	2318	0.840	ug/l		89
55) 1,1,2-Trichloroethane	11.018	97	1670	0.990	ug/l	#	86
56) Ethyl methacrylate	10.870	69	1488	0.886	ug/l		90
57) 1,3-Dichloropropane	11.159	76	2752	0.960	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.159	63	3357	7.514	ug/l		99
59) 2-Hexanone	11.194	43	5032	3.734	ug/l		87
60) Dibromochloromethane	11.359	129	2077	0.954	ug/l		92
61) 1,2-Dibromoethane	11.465	107	1624	0.938	ug/l		94
64) Tetrachloroethene	11.106	164	1792	1.086	ug/l		92
65) Chlorobenzene	11.888	112	5000	1.056	ug/l		91
66) 1,1,1,2-Tetrachloroethane	11.953	131	1843	1.047	ug/l	#	66
67) Ethyl Benzene	11.964	91	6561	0.866	ug/l		99
68) m/p-Xylenes	12.070	106	5319	1.787	ug/l		82
69) o-Xylene	12.400	106	2200	0.805	ug/l		92
70) Styrene	12.412	104	3823	0.819	ug/l		87
71) Bromoform	12.576	173	1536	1.044	ug/l	#	91
73) Isopropylbenzene	12.694	105	5061	0.890	ug/l		97
74) N-amyl acetate	12.494	43	1639	0.861	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	2184	1.135	ug/l	#	91
76) 1,2,3-Trichloropropane	12.994	75	1541m	0.812	ug/l		
77) Bromobenzene	12.976	156	1666	1.051	ug/l		98
78) n-propylbenzene	13.035	91	5242	0.814	ug/l		98
79) 2-Chlorotoluene	13.129	91	3888	0.909	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	3984	0.830	ug/l		97
82) 4-Chlorotoluene	13.223	91	4068	0.925	ug/l		100
83) tert-Butylbenzene	13.435	119	3963	0.965	ug/l		92
84) 1,2,4-Trimethylbenzene	13.482	105	3881	0.801	ug/l		97
85) sec-Butylbenzene	13.617	105	4035	0.753	ug/l		99
86) p-Isopropyltoluene	13.723	119	3477	0.767	ug/l		93
87) 1,3-Dichlorobenzene	13.735	146	2812	0.984	ug/l		92
88) 1,4-Dichlorobenzene	13.811	146	3403m	1.133	ug/l		
89) n-Butylbenzene	14.053	91	3124	0.846	ug/l		93
90) Hexachloroethane	14.335	117	1276	1.220	ug/l		76
91) 1,2-Dichlorobenzene	14.100	146	3337	1.174	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	319	0.831	ug/l	#	20
93) 1,2,4-Trichlorobenzene	15.388	180	1497	1.048	ug/l		94
94) Hexachlorobutadiene	15.500	225	965	1.164	ug/l		80
95) Naphthalene	15.641	128	4162	1.006	ug/l	#	81
96) 1,2,3-Trichlorobenzene	15.829	180	1329	0.980	ug/l	#	86

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

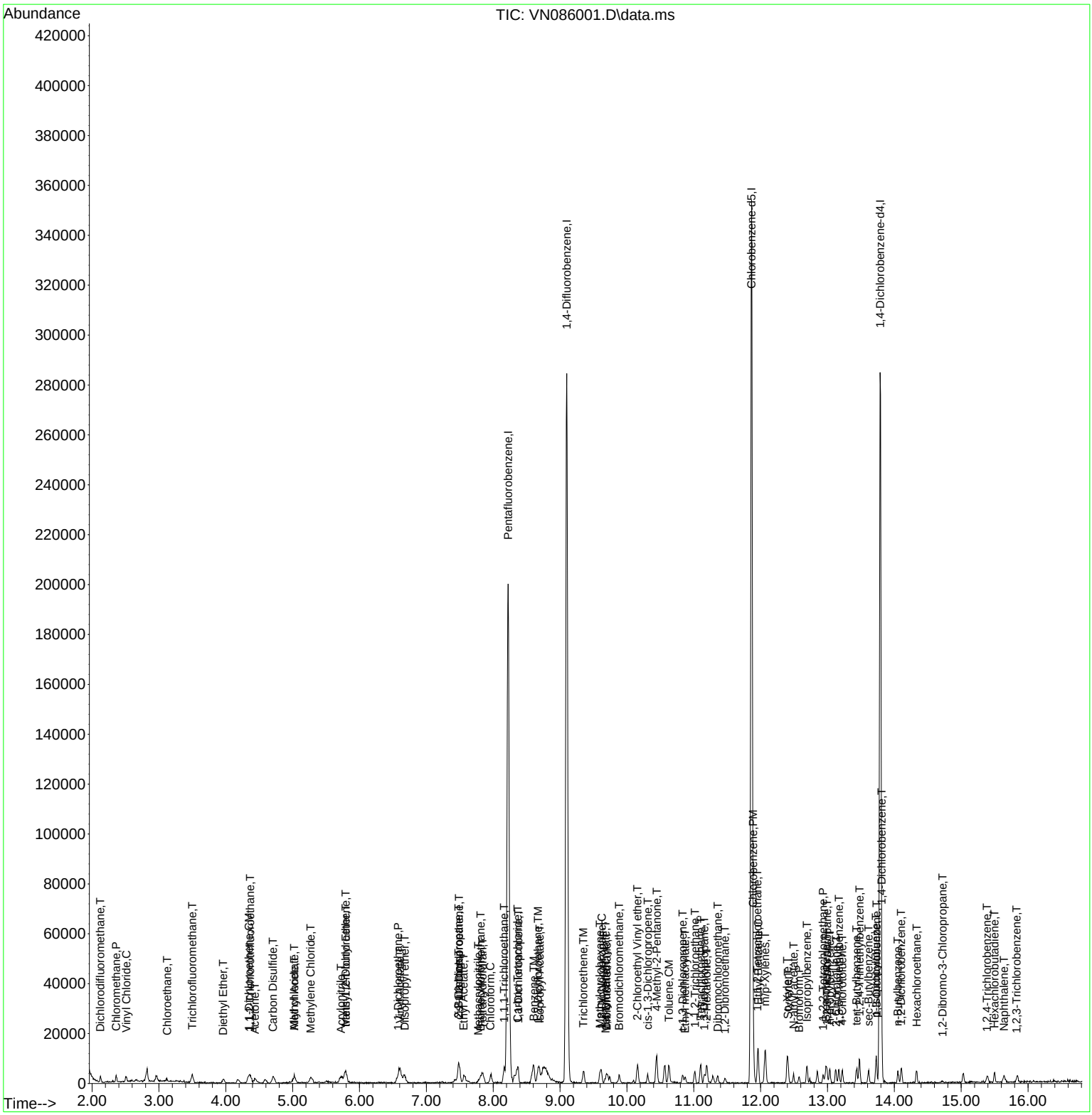
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086001.D
Acq On : 18 Mar 2025 14:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 02:57:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	185181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	272136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125581	49.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.040%			
35) Dibromofluoromethane	8.165	113	100012	48.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	10.565	98	385868	51.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.847	95	141589	53.231	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	137956	56.232	ug/l	99
3) Chloromethane	2.359	50	112934	52.508	ug/l	99
4) Vinyl Chloride	2.512	62	123086	55.971	ug/l	98
5) Bromomethane	2.948	94	77255	51.574	ug/l	97
6) Chloroethane	3.112	64	70967	51.154	ug/l	90
7) Trichlorofluoromethane	3.495	101	209962	53.112	ug/l	97
8) Diethyl Ether	3.953	74	68372	56.496	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	111303	52.975	ug/l	100
10) Methyl Iodide	4.583	142	155175	56.682	ug/l	94
11) Tert butyl alcohol	5.512	59	85582	238.378	ug/l	99
12) 1,1-Dichloroethene	4.336	96	108747	57.321	ug/l	97
13) Acrolein	4.177	56	104529	272.978	ug/l	100
14) Allyl chloride	5.012	41	133855	56.555	ug/l	98
15) Acrylonitrile	5.712	53	246595	260.076	ug/l	98
16) Acetone	4.418	43	183647	237.056	ug/l	98
17) Carbon Disulfide	4.712	76	317235	50.845	ug/l	98
18) Methyl Acetate	5.012	43	95164	49.649	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	363920	58.538	ug/l	97
20) Methylene Chloride	5.271	84	121113	53.440	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	115247	55.586	ug/l	97
22) Diisopropyl ether	6.665	45	300680	59.615	ug/l	97
23) Vinyl Acetate	6.600	43	1129550	295.428	ug/l	100
24) 1,1-Dichloroethane	6.565	63	203556	54.884	ug/l	99
25) 2-Butanone	7.477	43	283608	253.710	ug/l	99
26) 2,2-Dichloropropane	7.483	77	198771	55.667	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	134668	57.158	ug/l	98
28) Bromochloromethane	7.812	49	68612	43.664	ug/l	98
29) Tetrahydrofuran	7.836	42	185823	269.263	ug/l	99
30) Chloroform	7.959	83	222991	54.394	ug/l	99
31) Cyclohexane	8.253	56	172895	54.721	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	215524	55.539	ug/l	98
36) 1,1-Dichloropropene	8.371	75	155704	57.540	ug/l	100
37) Ethyl Acetate	7.559	43	115871	50.756	ug/l	97
38) Carbon Tetrachloride	8.359	117	201085	56.517	ug/l	95
39) Methylcyclohexane	9.600	83	163279	60.818	ug/l	98
40) Benzene	8.600	78	483089	56.869	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	63723	58.457	ug/l		94
42) 1,2-Dichloroethane	8.665	62	162271	54.822	ug/l		100
43) Isopropyl Acetate	8.683	43	203943	41.226	ug/l		99
44) Trichloroethene	9.347	130	117248	53.255	ug/l		96
45) 1,2-Dichloropropane	9.618	63	111560	57.740	ug/l		97
46) Dibromomethane	9.706	93	85108	56.012	ug/l		98
47) Bromodichloromethane	9.882	83	177051	55.753	ug/l		95
48) Methyl methacrylate	9.677	41	94275	57.751	ug/l		98
49) 1,4-Dioxane	9.688	88	40821	1057.815	ug/l		97
51) 4-Methyl-2-Pentanone	10.441	43	607531	278.467	ug/l		99
52) Toluene	10.629	92	314632	60.348	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	184084	59.689	ug/l		99
54) cis-1,3-Dichloropropene	10.306	75	194976	59.921	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	111563	56.064	ug/l		97
56) Ethyl methacrylate	10.871	69	174971	55.208	ug/l		99
57) 1,3-Dichloropropane	11.159	76	194964	57.684	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.153	63	382073	306.978	ug/l		99
59) 2-Hexanone	11.194	43	448560	282.228	ug/l		98
60) Dibromochloromethane	11.353	129	147588	57.477	ug/l		98
61) 1,2-Dibromoethane	11.465	107	117559	57.545	ug/l		99
64) Tetrachloroethene	11.100	164	114717	52.844	ug/l		97
65) Chlorobenzene	11.888	112	334921	53.783	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	126196	54.515	ug/l		98
67) Ethyl Benzene	11.959	91	593609	59.592	ug/l		99
68) m/p-Xylenes	12.065	106	472258	120.622	ug/l		99
69) o-Xylene	12.394	106	223040	62.069	ug/l		100
70) Styrene	12.406	104	378434	61.658	ug/l		99
71) Bromoform	12.576	173	103943	53.714	ug/l	#	99
73) Isopropylbenzene	12.694	105	562565	58.664	ug/l		100
74) N-amyl acetate	12.488	43	182359	56.839	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	160871	49.586	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	153873m	48.944	ug/l		
77) Bromobenzene	12.976	156	142234	53.193	ug/l		98
78) n-propylbenzene	13.035	91	660295	60.807	ug/l		100
79) 2-Chlorotoluene	13.123	91	414442	57.461	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	491547	60.712	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	68481	57.589	ug/l		93
82) 4-Chlorotoluene	13.218	91	422016	56.898	ug/l		99
83) tert-Butylbenzene	13.435	119	405831	58.608	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	503636	61.674	ug/l		99
85) sec-Butylbenzene	13.612	105	567954	62.874	ug/l		99
86) p-Isopropyltoluene	13.723	119	488020	63.821	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	267129	55.423	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	262223	51.782	ug/l		99
89) n-Butylbenzene	14.053	91	393994	63.272	ug/l		99
90) Hexachloroethane	14.329	117	93033	52.727	ug/l		99
91) 1,2-Dichlorobenzene	14.100	146	254035	53.019	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33218	51.293	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	131782	54.700	ug/l		98
94) Hexachlorobutadiene	15.494	225	70418	50.380	ug/l		99
95) Naphthalene	15.635	128	378782	54.297	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	127760	55.887	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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

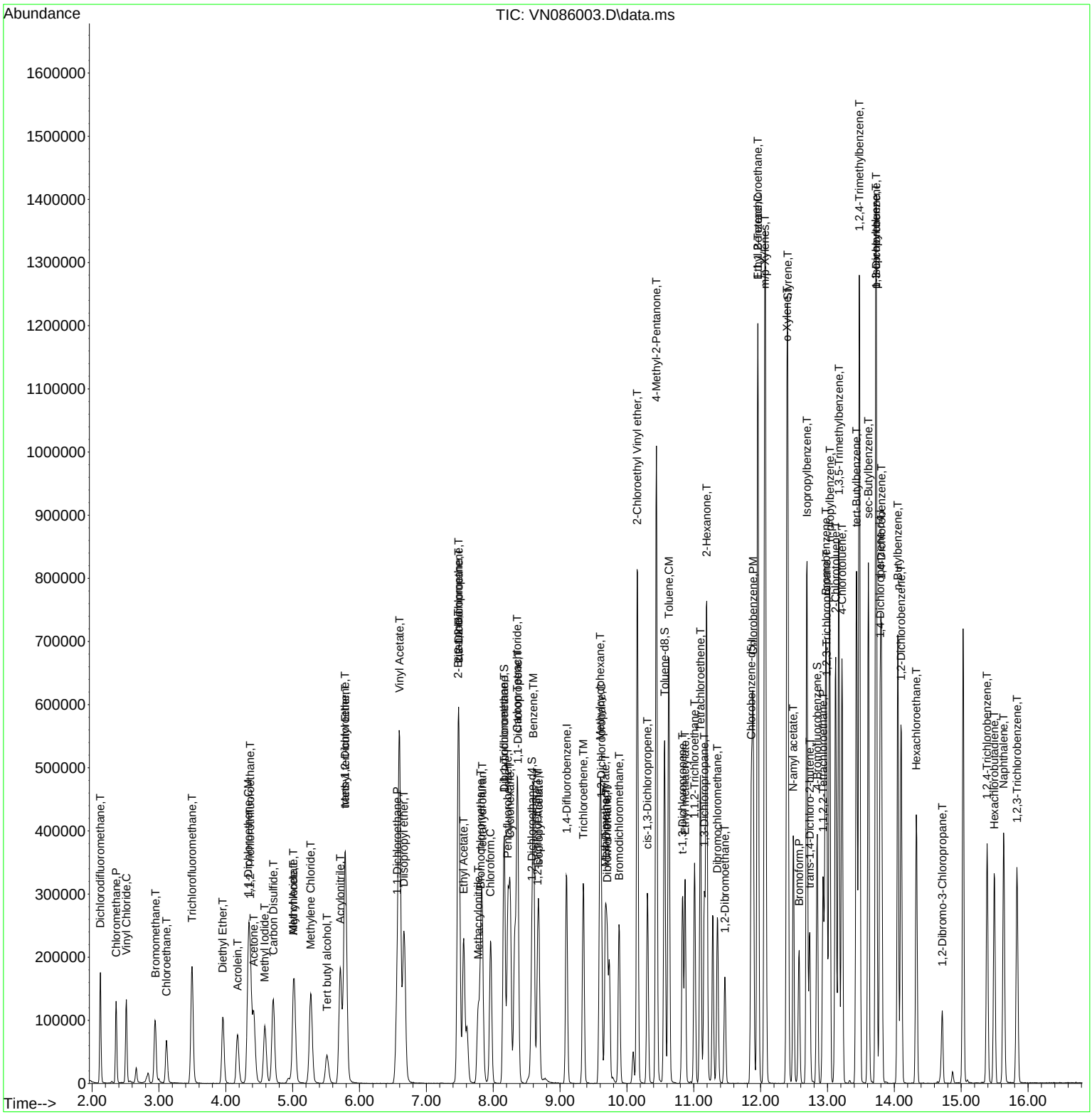
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	97	0.00
2	T	Dichlorodifluoromethane	0.662	0.745	-12.5	112	0.00
3	P	Chloromethane	0.581	0.610	-5.0	106	0.00
4	C	Vinyl Chloride	0.594	0.665	-12.0#	109	0.00
5	T	Bromomethane	0.404	0.417	-3.2	106	0.00
6	T	Chloroethane	0.375	0.383	-2.1	113	0.00
7	T	Trichlorofluoromethane	1.067	1.134	-6.3	112	0.00
8	T	Diethyl Ether	0.327	0.369	-12.8	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.567	0.601	-6.0	113	0.00
10	T	Methyl Iodide	0.739	0.838	-13.4	112	0.00
11	T	Tert butyl alcohol	0.097	0.092	5.2	95	-0.01
12	CM	1,1-Dichloroethene	0.512	0.587	-14.6#	110	0.00
13	T	Acrolein	0.103	0.113	-9.7	110	0.00
14	T	Allyl chloride	0.639	0.723	-13.1	114	0.00
15	T	Acrylonitrile	0.256	0.266	-3.9	104	0.00
16	T	Acetone	0.209	0.198	5.3	99	0.00
17	T	Carbon Disulfide	1.685	1.713	-1.7	110	0.00
18	T	Methyl Acetate	0.518	0.514	0.8	106	-0.01
19	T	Methyl tert-butyl Ether	1.679	1.965	-17.0	113	0.00
20	T	Methylene Chloride	0.612	0.654	-6.9	112	0.00
21	T	trans-1,2-Dichloroethene	0.560	0.622	-11.1	113	0.00
22	T	Diisopropyl ether	1.362	1.624	-19.2	114	0.00
23	T	Vinyl Acetate	1.032	1.220	-18.2	111	0.00
24	P	1,1-Dichloroethane	1.001	1.099	-9.8	112	0.00
25	T	2-Butanone	0.302	0.306	-1.3	102	0.00
26	T	2,2-Dichloropropane	0.964	1.073	-11.3	112	0.00
27	T	cis-1,2-Dichloroethene	0.636	0.727	-14.3	111	0.00
28	T	Bromochloromethane	0.424	0.371	12.5	92	0.00
29	T	Tetrahydrofuran	0.186	0.201	-8.1	100	0.00
30	C	Chloroform	1.107	1.204	-8.8#	115	0.00
31	T	Cyclohexane	0.853	0.934	-9.5	113	0.00
32	T	1,1,1-Trichloroethane	1.048	1.164	-11.1	114	0.00
33	S	1,2-Dichloroethane-d4	0.685	0.678	1.0	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.349	0.340	2.6	98	0.00
36	T	1,1-Dichloropropene	0.460	0.529	-15.0	113	0.00
37	T	Ethyl Acetate	0.388	0.394	-1.5	104	0.00
38	T	Carbon Tetrachloride	0.604	0.683	-13.1	114	0.00
39	T	Methylcyclohexane	0.456	0.555	-21.7	113	0.00
40	TM	Benzene	1.443	1.641	-13.7	114	0.00
41	T	Methacrylonitrile	0.185	0.216	-16.8	109	0.00
42	TM	1,2-Dichloroethane	0.503	0.551	-9.5	112	0.00
43	T	Isopropyl Acetate	0.840	0.693	17.5	98	0.00
44	TM	Trichloroethene	0.374	0.398	-6.4	112	0.00
45	C	1,2-Dichloropropane	0.328	0.379	-15.5#	115	0.00
46	T	Dibromomethane	0.258	0.289	-12.0	115	0.00
47	T	Bromodichloromethane	0.539	0.601	-11.5	113	0.00
48	T	Methyl methacrylate	0.277	0.320	-15.5	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	0.007	0.007	0.0	98	0.00
50	S	Toluene-d8	1.267	1.311	-3.5	100	0.00
51	T	4-Methyl-2-Pentanone	0.371	0.413	-11.3	104	0.00
52	CM	Toluene	0.885	1.069	-20.8#	113	0.00
53	T	t-1,3-Dichloropropene	0.524	0.625	-19.3	112	0.00
54	T	cis-1,3-Dichloropropene	0.553	0.662	-19.7	113	0.00
55	T	1,1,2-Trichloroethane	0.338	0.379	-12.1	112	0.00
56	T	Ethyl methacrylate	0.463	0.594	-28.3#	109	0.00
57	T	1,3-Dichloropropane	0.574	0.662	-15.3	113	0.00
58	T	2-Chloroethyl Vinyl ether	0.183	0.260	-42.1#	118	0.00
59	T	2-Hexanone	0.270	0.305	-13.0	104	0.00
60	T	Dibromochloromethane	0.436	0.501	-14.9	112	0.00
61	T	1,2-Dibromoethane	0.347	0.399	-15.0	110	0.00
62	S	4-Bromofluorobenzene	0.452	0.481	-6.4	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.399	0.422	-5.8	113	0.00
65	PM	Chlorobenzene	1.144	1.231	-7.6	113	0.00
66	T	1,1,1,2-Tetrachloroethane	0.425	0.464	-9.2	113	0.00
67	C	Ethyl Benzene	1.830	2.181	-19.2#	113	0.00
68	T	m/p-Xylenes	0.719	0.868	-20.7	114	0.00
69	T	o-Xylene	0.660	0.820	-24.2	114	0.00
70	T	Styrene	1.128	1.391	-23.3	113	0.00
71	P	Bromoform	0.356	0.382	-7.3	110	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.414	4.006	-17.3	113	0.00
74	T	N-amyl acetate	1.142	1.299	-13.7	108	0.00
75	P	1,1,2,2-Tetrachloroethane	1.155	1.146	0.8	111	0.00
76	T	1,2,3-Trichloropropane	1.119	1.096	2.1	96	0.00
77	T	Bromobenzene	0.952	1.013	-6.4	113	0.00
78	T	n-propylbenzene	3.866	4.702	-21.6	114	0.00
79	T	2-Chlorotoluene	2.568	2.951	-14.9	115	0.00
80	T	1,3,5-Trimethylbenzene	2.883	3.500	-21.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	0.423	0.488	-15.4	120	0.00
82	T	4-Chlorotoluene	2.641	3.005	-13.8	114	0.00
83	T	tert-Butylbenzene	2.466	2.890	-17.2	116	0.00
84	T	1,2,4-Trimethylbenzene	2.908	3.586	-23.3	117	0.00
85	T	sec-Butylbenzene	3.216	4.044	-25.7#	117	0.00
86	T	p-Isopropyltoluene	2.723	3.475	-27.6#	117	0.00
87	T	1,3-Dichlorobenzene	1.716	1.902	-10.8	115	0.00
88	T	1,4-Dichlorobenzene	1.803	1.867	-3.5	114	0.00
89	T	n-Butylbenzene	2.217	2.806	-26.6#	118	0.00
90	T	Hexachloroethane	0.628	0.663	-5.6	116	0.00
91	T	1,2-Dichlorobenzene	1.706	1.809	-6.0	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.231	0.237	-2.6	109	0.00
93	T	1,2,4-Trichlorobenzene	0.858	0.938	-9.3	112	0.00
94	T	Hexachlorobutadiene	0.498	0.501	-0.6	115	0.00
95	T	Naphthalene	2.484	2.697	-8.6	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	0.814	0.910	-11.8	112	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_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	56.232	-12.5	112	0.00
3	P	Chloromethane	50.000	52.508	-5.0	106	0.00
4	C	Vinyl Chloride	50.000	55.971	-11.9#	109	0.00
5	T	Bromomethane	50.000	51.574	-3.1	106	0.00
6	T	Chloroethane	50.000	51.154	-2.3	113	0.00
7	T	Trichlorofluoromethane	50.000	53.112	-6.2	112	0.00
8	T	Diethyl Ether	50.000	56.496	-13.0	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.975	-6.0	113	0.00
10	T	Methyl Iodide	50.000	56.682	-13.4	112	0.00
11	T	Tert butyl alcohol	250.000	238.378	4.6	95	-0.01
12	CM	1,1-Dichloroethene	50.000	57.321	-14.6#	110	0.00
13	T	Acrolein	250.000	272.978	-9.2	110	0.00
14	T	Allyl chloride	50.000	56.555	-13.1	114	0.00
15	T	Acrylonitrile	250.000	260.076	-4.0	104	0.00
16	T	Acetone	250.000	237.056	5.2	99	0.00
17	T	Carbon Disulfide	50.000	50.845	-1.7	110	0.00
18	T	Methyl Acetate	50.000	49.649	0.7	106	-0.01
19	T	Methyl tert-butyl Ether	50.000	58.538	-17.1	113	0.00
20	T	Methylene Chloride	50.000	53.440	-6.9	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.586	-11.2	113	0.00
22	T	Diisopropyl ether	50.000	59.615	-19.2	114	0.00
23	T	Vinyl Acetate	250.000	295.428	-18.2	111	0.00
24	P	1,1-Dichloroethane	50.000	54.884	-9.8	112	0.00
25	T	2-Butanone	250.000	253.710	-1.5	102	0.00
26	T	2,2-Dichloropropane	50.000	55.667	-11.3	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.158	-14.3	111	0.00
28	T	Bromochloromethane	50.000	43.664	12.7	92	0.00
29	T	Tetrahydrofuran	250.000	269.263	-7.7	100	0.00
30	C	Chloroform	50.000	54.394	-8.8#	115	0.00
31	T	Cyclohexane	50.000	54.721	-9.4	113	0.00
32	T	1,1,1-Trichloroethane	50.000	55.539	-11.1	114	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.524	1.0	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	48.666	2.7	98	0.00
36	T	1,1-Dichloropropene	50.000	57.540	-15.1	113	0.00
37	T	Ethyl Acetate	50.000	50.756	-1.5	104	0.00
38	T	Carbon Tetrachloride	50.000	56.517	-13.0	114	0.00
39	T	Methylcyclohexane	50.000	60.818	-21.6	113	0.00
40	TM	Benzene	50.000	56.869	-13.7	114	0.00
41	T	Methacrylonitrile	50.000	58.457	-16.9	109	0.00
42	TM	1,2-Dichloroethane	50.000	54.822	-9.6	112	0.00
43	T	Isopropyl Acetate	50.000	41.226	17.5	98	0.00
44	TM	Trichloroethene	50.000	53.255	-6.5	112	0.00
45	C	1,2-Dichloropropane	50.000	57.740	-15.5#	115	0.00
46	T	Dibromomethane	50.000	56.012	-12.0	115	0.00
47	T	Bromodichloromethane	50.000	55.753	-11.5	113	0.00
48	T	Methyl methacrylate	50.000	57.751	-15.5	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	1057.815	-5.8	98	0.00
50	S	Toluene-d8	50.000	51.736	-3.5	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.467	-11.4	104	0.00
52	CM	Toluene	50.000	60.348	-20.7#	113	0.00
53	T	t-1,3-Dichloropropene	50.000	59.689	-19.4	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.921	-19.8	113	0.00
55	T	1,1,2-Trichloroethane	50.000	56.064	-12.1	112	0.00
56	T	Ethyl methacrylate	50.000	55.208	-10.4	109	0.00
57	T	1,3-Dichloropropane	50.000	57.684	-15.4	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	306.978	-22.8	118	0.00
59	T	2-Hexanone	250.000	282.228	-12.9	104	0.00
60	T	Dibromochloromethane	50.000	57.477	-15.0	112	0.00
61	T	1,2-Dibromoethane	50.000	57.545	-15.1	110	0.00
62	S	4-Bromofluorobenzene	50.000	53.231	-6.5	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	52.844	-5.7	113	0.00
65	PM	Chlorobenzene	50.000	53.783	-7.6	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.515	-9.0	113	0.00
67	C	Ethyl Benzene	50.000	59.592	-19.2#	113	0.00
68	T	m/p-Xylenes	100.000	120.622	-20.6	114	0.00
69	T	o-Xylene	50.000	62.069	-24.1	114	0.00
70	T	Styrene	50.000	61.658	-23.3	113	0.00
71	P	Bromoform	50.000	53.714	-7.4	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	58.664	-17.3	113	0.00
74	T	N-amyl acetate	50.000	56.839	-13.7	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.586	0.8	111	0.00
76	T	1,2,3-Trichloropropane	50.000	48.944	2.1	96	0.00
77	T	Bromobenzene	50.000	53.193	-6.4	113	0.00
78	T	n-propylbenzene	50.000	60.807	-21.6	114	0.00
79	T	2-Chlorotoluene	50.000	57.461	-14.9	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.712	-21.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.589	-15.2	120	0.00
82	T	4-Chlorotoluene	50.000	56.898	-13.8	114	0.00
83	T	tert-Butylbenzene	50.000	58.608	-17.2	116	0.00
84	T	1,2,4-Trimethylbenzene	50.000	61.674	-23.3	117	0.00
85	T	sec-Butylbenzene	50.000	62.874	-25.7#	117	0.00
86	T	p-Isopropyltoluene	50.000	63.821	-27.6#	117	0.00
87	T	1,3-Dichlorobenzene	50.000	55.423	-10.8	115	0.00
88	T	1,4-Dichlorobenzene	50.000	51.782	-3.6	114	0.00
89	T	n-Butylbenzene	50.000	63.272	-26.5#	118	0.00
90	T	Hexachloroethane	50.000	52.727	-5.5	116	0.00
91	T	1,2-Dichlorobenzene	50.000	53.019	-6.0	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.293	-2.6	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.700	-9.4	112	0.00
94	T	Hexachlorobutadiene	50.000	50.380	-0.8	115	0.00
95	T	Naphthalene	50.000	54.297	-8.6	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN086003.D
Acq On : 18 Mar 2025 16:49
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031825

Quant Time: Mar 19 03:39:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	55.887	-11.8	112	0.00

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

Raw Data: **VN086118.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.: Q1641 SAS No.: Q1641 SDG No.: Q1641

Instrument ID: MSVOA_N Calibration Date/Time: 03/26/2025 11:38

Lab File ID: VN086118.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.662	0.615		-7.1	20
Chloromethane	0.581	0.596	0.1	2.58	20
Vinyl Chloride	0.594	0.652		9.76	20
Bromomethane	0.404	0.398		-1.49	20
Chloroethane	0.375	0.413		10.13	20
Trichlorofluoromethane	1.067	1.026		-3.84	20
1,1,2-Trichlorotrifluoroethane	0.567	0.587		3.53	20
1,1-Dichloroethene	0.512	0.529		3.32	20
Acetone	0.209	0.208		-0.48	20
Carbon Disulfide	1.685	1.560		-7.42	20
Methyl tert-butyl Ether	1.679	1.732		3.16	20
Methyl Acetate	0.518	0.627		21.04	20
Methylene Chloride	0.612	0.652		6.54	20
trans-1,2-Dichloroethene	0.560	0.595		6.25	20
1,1-Dichloroethane	1.001	1.089	0.1	8.79	20
Cyclohexane	0.853	0.871		2.11	20
2-Butanone	0.302	0.327		8.28	20
Carbon Tetrachloride	0.604	0.628		3.97	20
cis-1,2-Dichloroethene	0.636	0.691		8.65	20
Bromochloromethane	0.424	0.486		14.62	20
Chloroform	1.107	1.157		4.52	20
1,1,1-Trichloroethane	1.048	1.052		0.38	20
Methylcyclohexane	0.456	0.481		5.48	20
Benzene	1.443	1.600		10.88	20
1,2-Dichloroethane	0.503	0.517		2.78	20
Trichloroethene	0.374	0.359		-4.01	20
1,2-Dichloropropane	0.328	0.386		17.68	20
Bromodichloromethane	0.539	0.589		9.28	20
4-Methyl-2-Pentanone	0.371	0.463		24.8	20
Toluene	0.885	1.025		15.82	20
t-1,3-Dichloropropene	0.524	0.568		8.4	20
cis-1,3-Dichloropropene	0.553	0.611		10.49	20
1,1,2-Trichloroethane	0.338	0.393		16.27	20
2-Hexanone	0.270	0.342		26.67	20
Dibromochloromethane	0.436	0.486		11.47	20
1,2-Dibromoethane	0.347	0.386		11.24	20
Tetrachloroethene	0.399	0.401		0.5	20
Chlorobenzene	1.144	1.164	0.3	1.75	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1641 SAS No.: Q1641 SDG No.: Q1641

Instrument ID: MSVOA_N Calibration Date/Time: 03/26/2025 11:38

Lab File ID: VN086118.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.830	2.014		10.06	20
m/p-Xylenes	0.719	0.827		15.02	20
o-Xylene	0.660	0.749		13.48	20
Styrene	1.128	1.326		17.55	20
Bromoform	0.356	0.367	0.1	3.09	20
Isopropylbenzene	3.414	3.329		-2.49	20
1,1,2,2-Tetrachloroethane	1.155	1.089	0.3	-5.71	20
1,3-Dichlorobenzene	1.716	1.695		-1.22	20
1,4-Dichlorobenzene	1.803	1.673		-7.21	20
1,2-Dichlorobenzene	1.706	1.620		-5.04	20
1,2-Dibromo-3-Chloropropane	0.231	0.214		-7.36	20
1,2,4-Trichlorobenzene	0.858	0.721		-15.97	20
1,2,3-Trichlorobenzene	0.814	0.730		-10.32	20
1,2-Dichloroethane-d4	0.685	0.713		4.09	20
Dibromofluoromethane	0.349	0.371		6.3	20
Toluene-d8	1.267	1.421		12.15	20
4-Bromofluorobenzene	0.452	0.503		11.28	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_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

03/28/2025
Supervised By :Mahesh Dadoda

03/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	196436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139980	52.040	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.165	113	115364	53.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	10.565	98	442033	56.091	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.180%			
62) 4-Bromofluorobenzene	12.847	95	156447	55.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	120742	46.395	ug/l	98
3) Chloromethane	2.359	50	117088	51.321	ug/l	100
4) Vinyl Chloride	2.512	62	127987	54.865	ug/l	98
5) Bromomethane	2.942	94	78265	49.254	ug/l	93
6) Chloroethane	3.112	64	81091	55.103	ug/l	92
7) Trichlorofluoromethane	3.494	101	201536	48.060	ug/l	96
8) Diethyl Ether	3.959	74	65177	50.771	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	115286	51.727	ug/l	98
10) Methyl Iodide	4.583	142	146897	50.584	ug/l	96
11) Tert butyl alcohol	5.518	59	81743	214.639	ug/l	97
12) 1,1-Dichloroethene	4.341	96	103871	51.613	ug/l	99
13) Acrolein	4.177	56	80015	196.987	ug/l	96
14) Allyl chloride	5.024	41	120711	48.079	ug/l	99
15) Acrylonitrile	5.718	53	280742	279.125	ug/l	99
16) Acetone	4.430	43	203864	248.075	ug/l	97
17) Carbon Disulfide	4.706	76	306462	46.304	ug/l	99
18) Methyl Acetate	5.024	43	123119	60.553	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	340162	51.581	ug/l	99
20) Methylene Chloride	5.277	84	128147	53.304	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	116817	53.115	ug/l	99
22) Diisopropyl ether	6.671	45	315525	58.974	ug/l	97
23) Vinyl Acetate	6.600	43	1133746	279.536	ug/l	98
24) 1,1-Dichloroethane	6.565	63	213883	54.364	ug/l	99
25) 2-Butanone	7.482	43	321407	271.050	ug/l	95
26) 2,2-Dichloropropane	7.488	77	187312	49.452	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	135805	54.338	ug/l	99
28) Bromochloromethane	7.812	49	95539	57.316	ug/l	95
29) Tetrahydrofuran	7.835	42	223519	305.329	ug/l	95
30) Chloroform	7.965	83	227190	52.243	ug/l	98
31) Cyclohexane	8.253	56	171130	51.059	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	206611	50.192	ug/l	99
36) 1,1-Dichloropropene	8.371	75	156110	54.599	ug/l	100
37) Ethyl Acetate	7.559	43	134523	55.769	ug/l	99
38) Carbon Tetrachloride	8.359	117	195481	51.998	ug/l	94
39) Methylcyclohexane	9.600	83	149493	52.699	ug/l	92
40) Benzene	8.606	78	497717	55.451	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

03/28/2025
Supervised By :Mahesh Dadoda

03/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	67268	58.402	ug/l		97
42) 1,2-Dichloroethane	8.665	62	160761	51.402	ug/l		98
43) Isopropyl Acetate	8.688	43	219356	41.966	ug/l		97
44) Trichloroethene	9.347	130	111720	48.025	ug/l		94
45) 1,2-Dichloropropane	9.618	63	119985	58.773	ug/l		99
46) Dibromomethane	9.706	93	88261	54.975	ug/l		99
47) Bromodichloromethane	9.888	83	183335	54.639	ug/l		97
48) Methyl methacrylate	9.676	41	99046	57.423	ug/l		98
49) 1,4-Dioxane	9.694	88	46479	1139.898	ug/l		91
51) 4-Methyl-2-Pentanone	10.441	43	720953	312.748	ug/l		97
52) Toluene	10.629	92	318743	57.860	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	176812	54.260	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	190167	55.312	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	122289	58.161	ug/l		95
56) Ethyl methacrylate	10.870	69	174716	52.696	ug/l		99
57) 1,3-Dichloropropane	11.159	76	202658	56.748	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	396989	302.859	ug/l		97
59) 2-Hexanone	11.194	43	532648	317.178	ug/l		96
60) Dibromochloromethane	11.359	129	151243	55.744	ug/l		98
61) 1,2-Dibromoethane	11.465	107	120130	55.653	ug/l		98
64) Tetrachloroethene	11.100	164	117394	50.271	ug/l		95
65) Chlorobenzene	11.888	112	340722	50.864	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	130449	52.386	ug/l		98
67) Ethyl Benzene	11.964	91	589509	55.015	ug/l		100
68) m/p-Xylenes	12.070	106	483923	114.901	ug/l		97
69) o-Xylene	12.394	106	219142	56.692	ug/l		99
70) Styrene	12.406	104	388099	58.782	ug/l		98
71) Bromoform	12.576	173	107573	51.677	ug/l	#	100
73) Isopropylbenzene	12.694	105	548846	48.751	ug/l		99
74) N-amyl acetate	12.494	43	192718	51.165	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	179498	47.127	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	173395m	46.979	ug/l		
77) Bromobenzene	12.976	156	147984	47.141	ug/l		99
78) n-propylbenzene	13.035	91	663795	52.070	ug/l		100
79) 2-Chlorotoluene	13.123	91	417145	49.264	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	493169	51.885	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	71462	51.189	ug/l		97
82) 4-Chlorotoluene	13.217	91	430084	49.392	ug/l		98
83) tert-Butylbenzene	13.435	119	406995	50.065	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	501477	52.308	ug/l		99
85) sec-Butylbenzene	13.611	105	555627	52.393	ug/l		99
86) p-Isopropyltoluene	13.729	119	470828	52.447	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	279371	49.372	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	275793	46.390	ug/l		99
89) n-Butylbenzene	14.053	91	367014	50.204	ug/l		100
90) Hexachloroethane	14.329	117	95375	46.043	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	267146	47.492	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35232	46.340	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	118927	42.048	ug/l		97
94) Hexachlorobutadiene	15.494	225	65411	39.862	ug/l		99
95) Naphthalene	15.641	128	359051	43.840	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	120321	44.833	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

03/28/2025
Supervised By :Mahesh Dadoda

03/28/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

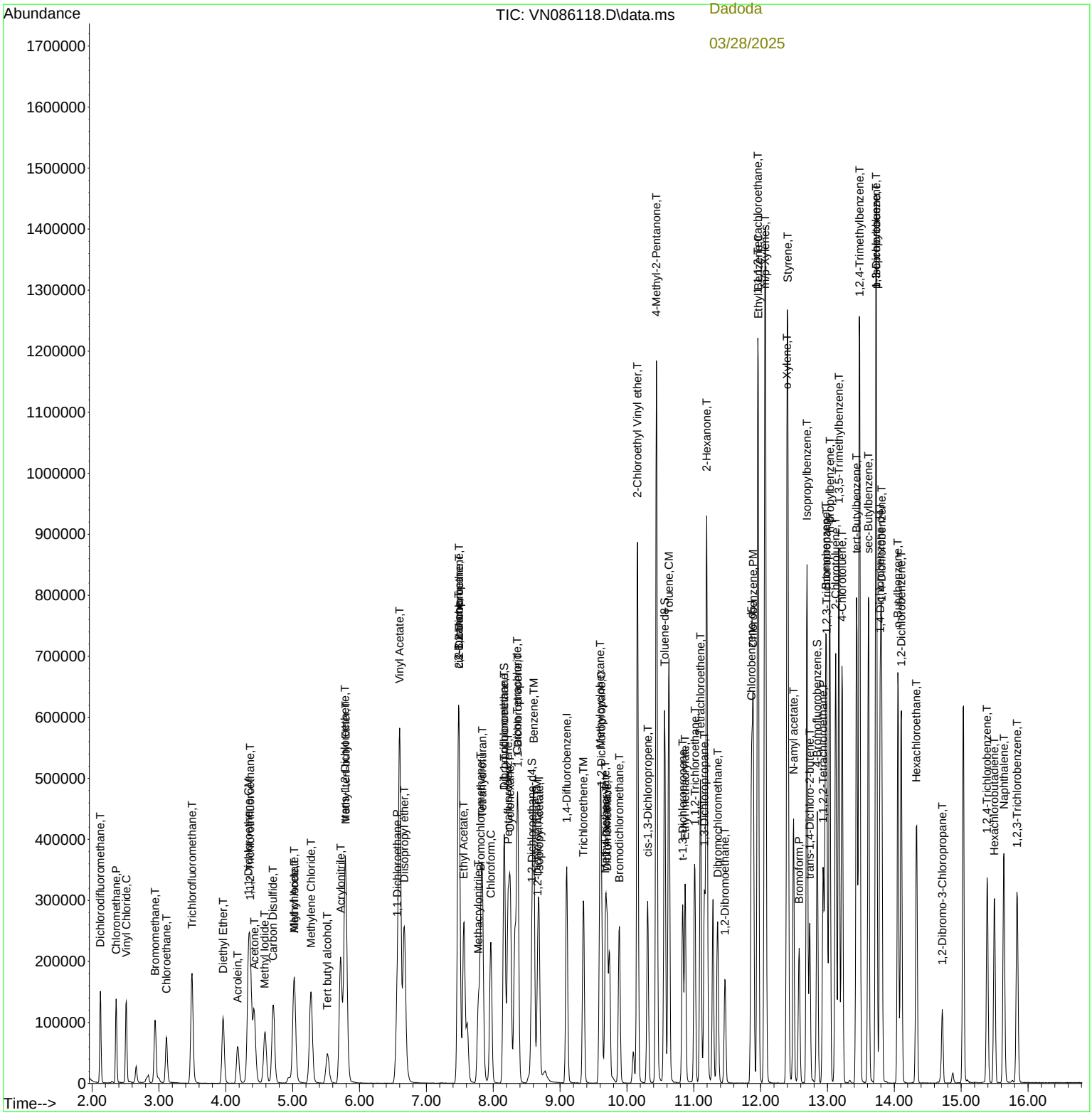
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

03/28/2025
Supervised By :Mahesh Dadoda

03/28/2025



Sample Results: **VN086118.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	0.662	0.615	7.1	98	0.00
3	P	Chloromethane	0.581	0.596	-2.6	110	0.00
4	C	Vinyl Chloride	0.594	0.652	-9.8#	113	0.00
5	T	Bromomethane	0.404	0.398	1.5	108	0.00
6	T	Chloroethane	0.375	0.413	-10.1	129	0.00
7	T	Trichlorofluoromethane	1.067	1.026	3.8	108	0.00
8	T	Diethyl Ether	0.327	0.332	-1.5	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.567	0.587	-3.5	117	0.00
10	T	Methyl Iodide	0.739	0.748	-1.2	106	0.00
11	T	Tert butyl alcohol	0.097	0.083	14.4	91	0.00
12	CM	1,1-Dichloroethene	0.512	0.529	-3.3#	105	0.00
13	T	Acrolein	0.103	0.081	21.4	84	0.00
14	T	Allyl chloride	0.639	0.615	3.8	102	0.00
15	T	Acrylonitrile	0.256	0.286	-11.7	119	0.00
16	T	Acetone	0.209	0.208	0.5	110	0.00
17	T	Carbon Disulfide	1.685	1.560	7.4	106	0.00
18	T	Methyl Acetate	0.518	0.627	-21.0	137	0.00
19	T	Methyl tert-butyl Ether	1.679	1.732	-3.2	105	0.00
20	T	Methylene Chloride	0.612	0.652	-6.5	119	0.00
21	T	trans-1,2-Dichloroethene	0.560	0.595	-6.2	115	0.00
22	T	Diisopropyl ether	1.362	1.606	-17.9	120	0.00
23	T	Vinyl Acetate	1.032	1.154	-11.8	111	0.00
24	P	1,1-Dichloroethane	1.001	1.089	-8.8	118	0.00
25	T	2-Butanone	0.302	0.327	-8.3	115	0.00
26	T	2,2-Dichloropropane	0.964	0.954	1.0	106	0.00
27	T	cis-1,2-Dichloroethene	0.636	0.691	-8.6	112	0.00
28	T	Bromochloromethane	0.424	0.486	-14.6	128	0.00
29	T	Tetrahydrofuran	0.186	0.228	-22.6	121	0.00
30	C	Chloroform	1.107	1.157	-4.5#	117	0.00
31	T	Cyclohexane	0.853	0.871	-2.1	112	0.00
32	T	1,1,1-Trichloroethane	1.048	1.052	-0.4	110	0.00
33	S	1,2-Dichloroethane-d4	0.685	0.713	-4.1	110	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.349	0.371	-6.3	114	0.00
36	T	1,1-Dichloropropene	0.460	0.502	-9.1	113	0.00
37	T	Ethyl Acetate	0.388	0.432	-11.3	121	0.00
38	T	Carbon Tetrachloride	0.604	0.628	-4.0	111	0.00
39	T	Methylcyclohexane	0.456	0.481	-5.5	104	0.00
40	TM	Benzene	1.443	1.600	-10.9	118	0.00
41	T	Methacrylonitrile	0.185	0.216	-16.8	115	0.00
42	TM	1,2-Dichloroethane	0.503	0.517	-2.8	111	0.00
43	T	Isopropyl Acetate	0.840	0.705	16.1	105	0.00
44	TM	Trichloroethene	0.374	0.359	4.0	106	0.00
45	C	1,2-Dichloropropane	0.328	0.386	-17.7#	123	0.00
46	T	Dibromomethane	0.258	0.284	-10.1	120	0.00
47	T	Bromodichloromethane	0.539	0.589	-9.3	117	0.00
48	T	Methyl methacrylate	0.277	0.318	-14.8	113	0.00

Sample Results: **VN086118.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	0.007	0.007	0.0	111	0.00
50	S	Toluene-d8	1.267	1.421	-12.2	115	0.00
51	T	4-Methyl-2-Pentanone	0.371	0.463	-24.8	123	0.00
52	CM	Toluene	0.885	1.025	-15.8#	115	0.00
53	T	t-1,3-Dichloropropene	0.524	0.568	-8.4	108	0.00
54	T	cis-1,3-Dichloropropene	0.553	0.611	-10.5	110	0.00
55	T	1,1,2-Trichloroethane	0.338	0.393	-16.3	123	0.00
56	T	Ethyl methacrylate	0.463	0.562	-21.4	109	0.00
57	T	1,3-Dichloropropane	0.574	0.651	-13.4	118	0.00
58	T	2-Chloroethyl Vinyl ether	0.183	0.255	-39.3#	123	0.00
59	T	2-Hexanone	0.270	0.342	-26.7#	123	0.00
60	T	Dibromochloromethane	0.436	0.486	-11.5	115	0.00
61	T	1,2-Dibromoethane	0.347	0.386	-11.2	113	0.00
62	S	4-Bromofluorobenzene	0.452	0.503	-11.3	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.399	0.401	-0.5	116	0.00
65	PM	Chlorobenzene	1.144	1.164	-1.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.425	0.446	-4.9	117	0.00
67	C	Ethyl Benzene	1.830	2.014	-10.1#	112	0.00
68	T	m/p-Xylenes	0.719	0.827	-15.0	117	0.00
69	T	o-Xylene	0.660	0.749	-13.5	112	0.00
70	T	Styrene	1.128	1.326	-17.6	116	0.00
71	P	Bromoform	0.356	0.367	-3.1	114	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
73	T	Isopropylbenzene	3.414	3.329	2.5	111	0.00
74	T	N-amyl acetate	1.142	1.169	-2.4	115	0.00
75	P	1,1,2,2-Tetrachloroethane	1.155	1.089	5.7	124	0.00
76	T	1,2,3-Trichloropropane	1.119	1.052	6.0	109	0.00
77	T	Bromobenzene	0.952	0.898	5.7	118	0.00
78	T	n-propylbenzene	3.866	4.026	-4.1	115	0.00
79	T	2-Chlorotoluene	2.568	2.530	1.5	115	0.00
80	T	1,3,5-Trimethylbenzene	2.883	2.991	-3.7	115	0.00
81	T	trans-1,4-Dichloro-2-butene	0.423	0.433	-2.4	125	0.00
82	T	4-Chlorotoluene	2.641	2.609	1.2	116	0.00
83	T	tert-Butylbenzene	2.466	2.469	-0.1	116	0.00
84	T	1,2,4-Trimethylbenzene	2.908	3.042	-4.6	116	0.00
85	T	sec-Butylbenzene	3.216	3.370	-4.8	115	0.00
86	T	p-Isopropyltoluene	2.723	2.856	-4.9	112	0.00
87	T	1,3-Dichlorobenzene	1.716	1.695	1.2	120	0.00
88	T	1,4-Dichlorobenzene	1.803	1.673	7.2	120	0.00
89	T	n-Butylbenzene	2.217	2.226	-0.4	110	0.00
90	T	Hexachloroethane	0.628	0.579	7.8	119	0.00
91	T	1,2-Dichlorobenzene	1.706	1.620	5.0	121	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.231	0.214	7.4	115	0.00
93	T	1,2,4-Trichlorobenzene	0.858	0.721	16.0	101	0.00
94	T	Hexachlorobutadiene	0.498	0.397	20.3	107	0.00
95	T	Naphthalene	2.484	2.178	12.3	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	0.814	0.730	10.3	105	0.00

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

Sample Results: **VN086118.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	50.000	46.395	7.2	98	0.00
3	P	Chloromethane	50.000	51.321	-2.6	110	0.00
4	C	Vinyl Chloride	50.000	54.865	-9.7#	113	0.00
5	T	Bromomethane	50.000	49.254	1.5	108	0.00
6	T	Chloroethane	50.000	55.103	-10.2	129	0.00
7	T	Trichlorofluoromethane	50.000	48.060	3.9	108	0.00
8	T	Diethyl Ether	50.000	50.771	-1.5	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.727	-3.5	117	0.00
10	T	Methyl Iodide	50.000	50.584	-1.2	106	0.00
11	T	Tert butyl alcohol	250.000	214.639	14.1	91	0.00
12	CM	1,1-Dichloroethene	50.000	51.613	-3.2#	105	0.00
13	T	Acrolein	250.000	196.987	21.2	84	0.00
14	T	Allyl chloride	50.000	48.079	3.8	102	0.00
15	T	Acrylonitrile	250.000	279.125	-11.7	119	0.00
16	T	Acetone	250.000	248.075	0.8	110	0.00
17	T	Carbon Disulfide	50.000	46.304	7.4	106	0.00
18	T	Methyl Acetate	50.000	60.553	-21.1	137	0.00
19	T	Methyl tert-butyl Ether	50.000	51.581	-3.2	105	0.00
20	T	Methylene Chloride	50.000	53.304	-6.6	119	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.115	-6.2	115	0.00
22	T	Diisopropyl ether	50.000	58.974	-17.9	120	0.00
23	T	Vinyl Acetate	250.000	279.536	-11.8	111	0.00
24	P	1,1-Dichloroethane	50.000	54.364	-8.7	118	0.00
25	T	2-Butanone	250.000	271.050	-8.4	115	0.00
26	T	2,2-Dichloropropane	50.000	49.452	1.1	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.338	-8.7	112	0.00
28	T	Bromochloromethane	50.000	57.316	-14.6	128	0.00
29	T	Tetrahydrofuran	250.000	305.329	-22.1	121	0.00
30	C	Chloroform	50.000	52.243	-4.5#	117	0.00
31	T	Cyclohexane	50.000	51.059	-2.1	112	0.00
32	T	1,1,1-Trichloroethane	50.000	50.192	-0.4	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.040	-4.1	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	53.129	-6.3	114	0.00
36	T	1,1-Dichloropropene	50.000	54.599	-9.2	113	0.00
37	T	Ethyl Acetate	50.000	55.769	-11.5	121	0.00
38	T	Carbon Tetrachloride	50.000	51.998	-4.0	111	0.00
39	T	Methylcyclohexane	50.000	52.699	-5.4	104	0.00
40	TM	Benzene	50.000	55.451	-10.9	118	0.00
41	T	Methacrylonitrile	50.000	58.402	-16.8	115	0.00
42	TM	1,2-Dichloroethane	50.000	51.402	-2.8	111	0.00
43	T	Isopropyl Acetate	50.000	41.966	16.1	105	0.00
44	TM	Trichloroethene	50.000	48.025	4.0	106	0.00
45	C	1,2-Dichloropropane	50.000	58.773	-17.5#	123	0.00
46	T	Dibromomethane	50.000	54.975	-10.0	120	0.00
47	T	Bromodichloromethane	50.000	54.639	-9.3	117	0.00
48	T	Methyl methacrylate	50.000	57.423	-14.8	113	0.00

Sample Results: **VN086118.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	1139.898	-14.0	111	0.00
50	S	Toluene-d8	50.000	56.091	-12.2	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	312.748	-25.1#	123	0.00
52	CM	Toluene	50.000	57.860	-15.7#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	54.260	-8.5	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.312	-10.6	110	0.00
55	T	1,1,2-Trichloroethane	50.000	58.161	-16.3	123	0.00
56	T	Ethyl methacrylate	50.000	52.696	-5.4	109	0.00
57	T	1,3-Dichloropropane	50.000	56.748	-13.5	118	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	302.859	-21.1	123	0.00
59	T	2-Hexanone	250.000	317.178	-26.9#	123	0.00
60	T	Dibromochloromethane	50.000	55.744	-11.5	115	0.00
61	T	1,2-Dibromoethane	50.000	55.653	-11.3	113	0.00
62	S	4-Bromofluorobenzene	50.000	55.665	-11.3	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	50.271	-0.5	116	0.00
65	PM	Chlorobenzene	50.000	50.864	-1.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.386	-4.8	117	0.00
67	C	Ethyl Benzene	50.000	55.015	-10.0#	112	0.00
68	T	m/p-Xylenes	100.000	114.901	-14.9	117	0.00
69	T	o-Xylene	50.000	56.692	-13.4	112	0.00
70	T	Styrene	50.000	58.782	-17.6	116	0.00
71	P	Bromoform	50.000	51.677	-3.4	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73	T	Isopropylbenzene	50.000	48.751	2.5	111	0.00
74	T	N-amyl acetate	50.000	51.165	-2.3	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.127	5.7	124	0.00
76	T	1,2,3-Trichloropropane	50.000	46.979	6.0	109	0.00
77	T	Bromobenzene	50.000	47.141	5.7	118	0.00
78	T	n-propylbenzene	50.000	52.070	-4.1	115	0.00
79	T	2-Chlorotoluene	50.000	49.264	1.5	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.885	-3.8	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.189	-2.4	125	0.00
82	T	4-Chlorotoluene	50.000	49.392	1.2	116	0.00
83	T	tert-Butylbenzene	50.000	50.065	-0.1	116	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.308	-4.6	116	0.00
85	T	sec-Butylbenzene	50.000	52.393	-4.8	115	0.00
86	T	p-Isopropyltoluene	50.000	52.447	-4.9	112	0.00
87	T	1,3-Dichlorobenzene	50.000	49.372	1.3	120	0.00
88	T	1,4-Dichlorobenzene	50.000	46.390	7.2	120	0.00
89	T	n-Butylbenzene	50.000	50.204	-0.4	110	0.00
90	T	Hexachloroethane	50.000	46.043	7.9	119	0.00
91	T	1,2-Dichlorobenzene	50.000	47.492	5.0	121	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.340	7.3	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.048	15.9	101	0.00
94	T	Hexachlorobutadiene	50.000	39.862	20.3	107	0.00
95	T	Naphthalene	50.000	43.840	12.3	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086118.D
Acq On : 26 Mar 2025 11:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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	44.833	10.3	105	0.00

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

QC SAMPLE DATA

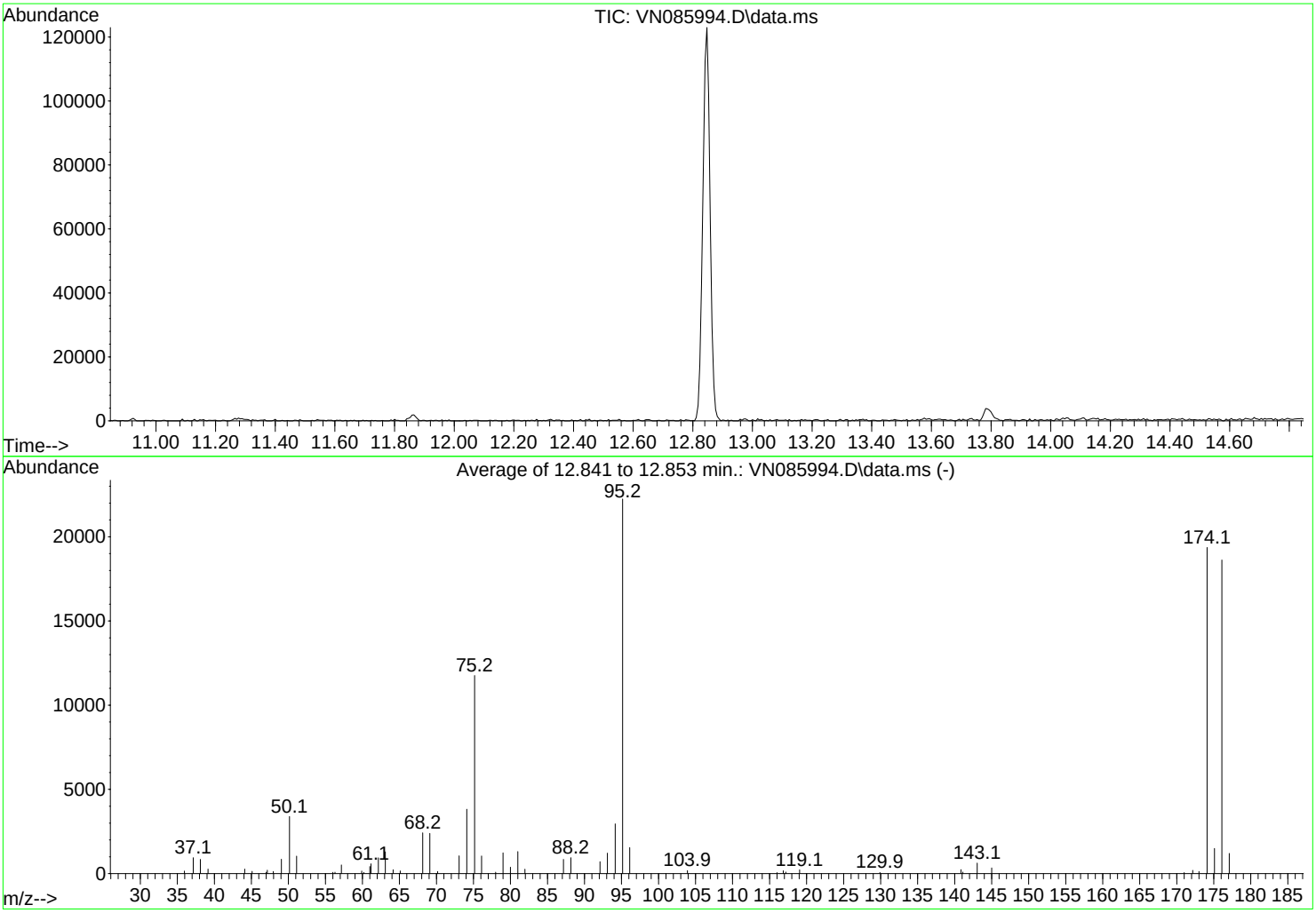
Sample Results: **VN085994.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085994.D
Acq On : 18 Mar 2025 08:52
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Title : SW846 8260
Last Update : Wed Mar 19 03:20:56 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	3392	PASS
75	95	30	60	52.9	11766	PASS
95	95	100	100	100.0	22245	PASS
96	95	5	9	6.9	1542	PASS
173	174	0.00	2	0.7	126	PASS
174	95	50	100	87.1	19365	PASS
175	174	5	9	7.7	1497	PASS
176	174	95	101	96.2	18624	PASS
177	176	5	9	6.4	1198	PASS

Average of 12.841 to 12.853 min.: VN085994.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	156	51.10	1035	65.10	157	81.00	131
37.15	946	56.00	73	68.15	2419	81.95	26
38.10	841	56.30	84	69.10	2389	87.15	84
39.15	274	57.15	518	70.15	126	88.15	94
44.10	272	59.90	150	73.05	1053	92.10	711
45.10	136	60.20	68	74.10	3825	93.10	1217
47.00	83	61.00	426	75.15	11766	94.15	2957
47.15	204	61.15	582	76.10	1047	95.15	22245
47.95	123	62.15	935	78.00	81	96.10	1542
49.05	855	63.10	1288	79.00	1234	103.90	175
50.15	3392	64.15	232	80.00	379	116.00	62

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN085994.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.85	173	174.10	19365				
117.20	93	175.10	1497				
119.05	226	176.10	18624				
129.90	71	177.10	1198				
140.85	239						
141.10	92						
143.05	623						
145.00	335						
171.00	57						
172.15	198						
173.00	126						

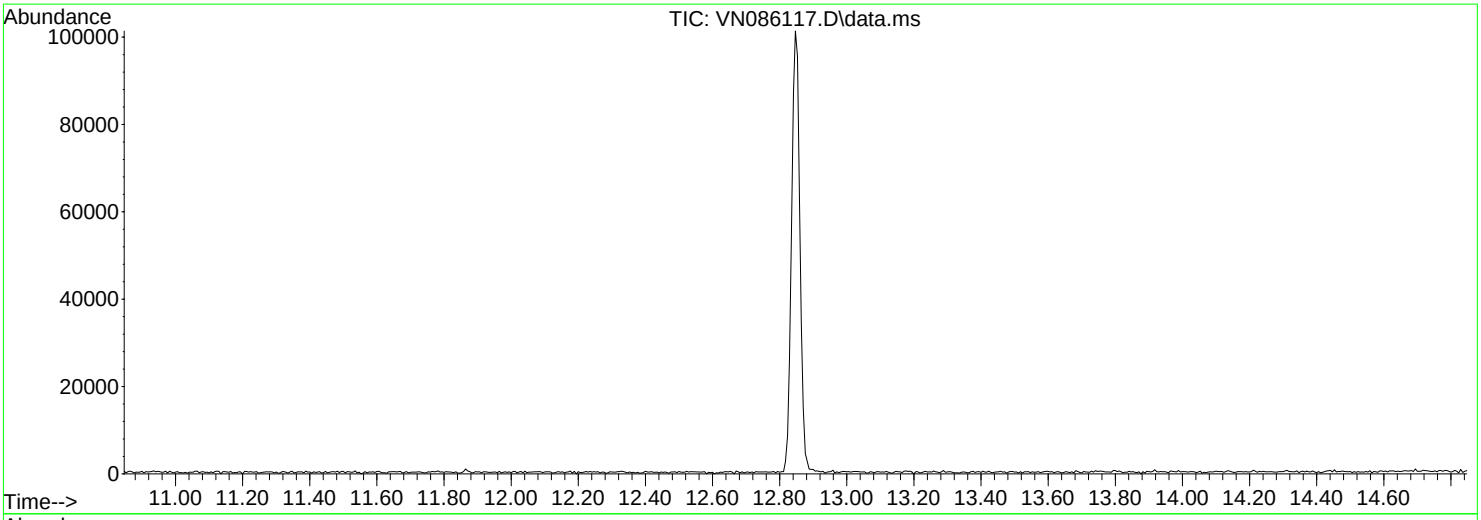
Sample Results: **VN086117.D**

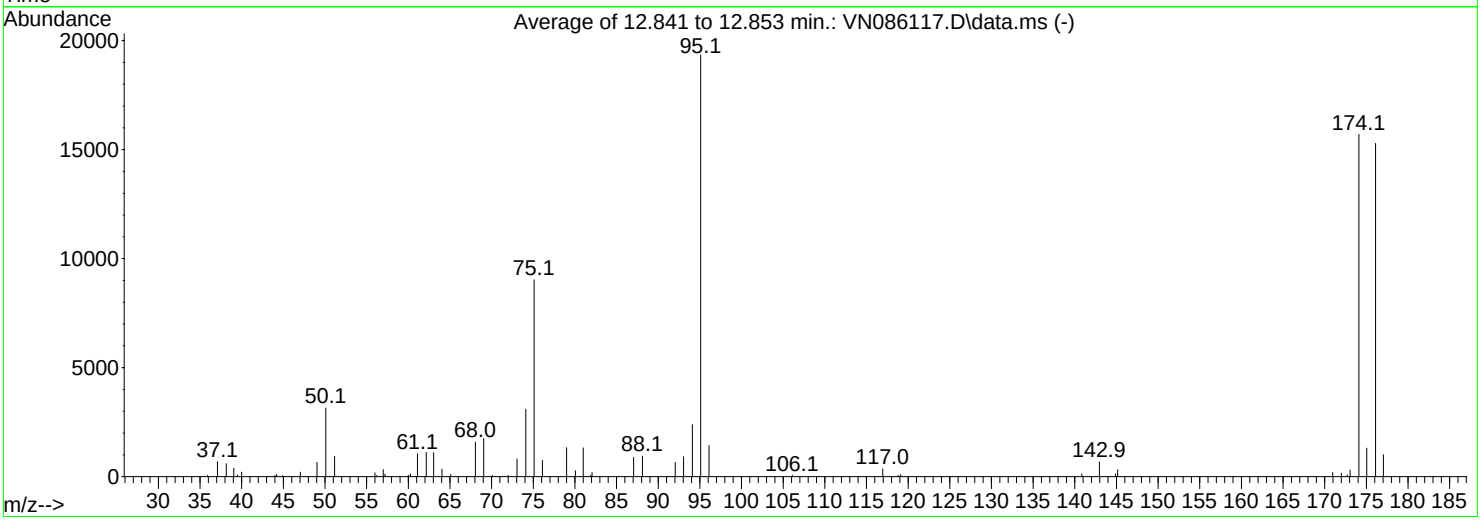
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086117.D
Acq On : 26 Mar 2025 10:50
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Title : SW846 8260
Last Update : Wed Mar 19 03:20:56 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1844

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.3	3149	PASS
75	95	30	60	46.7	9030	PASS
95	95	100	100	100.0	19347	PASS
96	95	5	9	7.4	1431	PASS
173	174	0.00	2	1.9	301	PASS
174	95	50	100	81.1	15695	PASS
175	174	5	9	8.3	1304	PASS
176	174	95	101	97.4	15289	PASS
177	176	5	9	6.6	1003	PASS

Average of 12.841 to 12.853 min.: VN086117.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	61	50.10	3149	64.05	346	80.05	26
37.10	682	51.15	934	65.10	106	81.00	132
38.15	597	56.00	175	68.05	1582	81.90	6
39.05	388	56.20	54	69.05	1749	82.05	19
39.50	75	57.00	321	70.10	51	87.05	879
40.00	209	57.20	114	72.00	59	88.10	940
44.00	59	60.00	63	73.05	811	92.05	651
44.20	92	60.25	128	74.10	3092	93.05	908
44.90	55	61.10	1050	75.10	9030	94.10	2386
47.05	209	62.15	1110	76.10	738	95.10	19347
49.05	656	63.05	1099	79.00	1331	96.10	1431

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN086117.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
106.10	57	173.05	301				
116.95	353	174.10	15695				
118.80	58	175.05	1304				
119.10	86	176.10	15289				
140.85	126	177.05	1003				
142.95	678						
144.90	122						
145.15	314						
170.95	188						
172.00	159						
172.70	72						

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:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBL01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086120.D	1		03/26/25 12:37	VN032625

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

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBL01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086120.D	1		03/26/25 12:37	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.2		70 (74) - 130 (125)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0		70 (77) - 130 (121)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	166000	8.224			
540-36-3	1,4-Difluorobenzene	312000	9.1			
3114-55-4	Chlorobenzene-d5	281000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	111000	13.788			

Raw Data: **VN086120.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBL01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086120.D	1		03/26/25 12:37	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Time: Mar 27 01:34:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	165546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131885	58.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.360%			
35) Dibromofluoromethane	8.165	113	117058	53.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.565	98	383585	48.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.140%			
62) 4-Bromofluorobenzene	12.847	95	121048	42.975	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.940%			

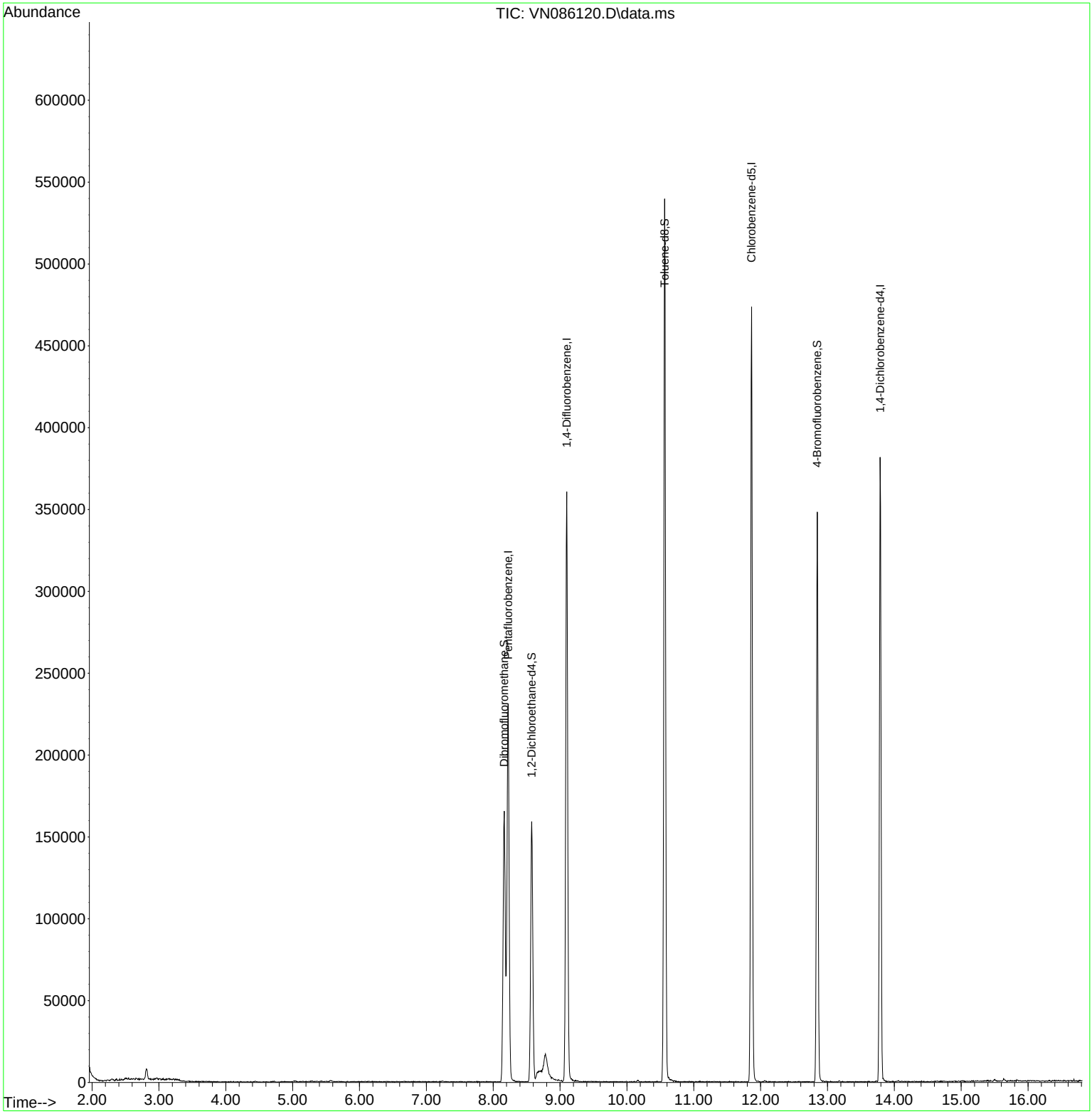
Target Compounds Qvalue

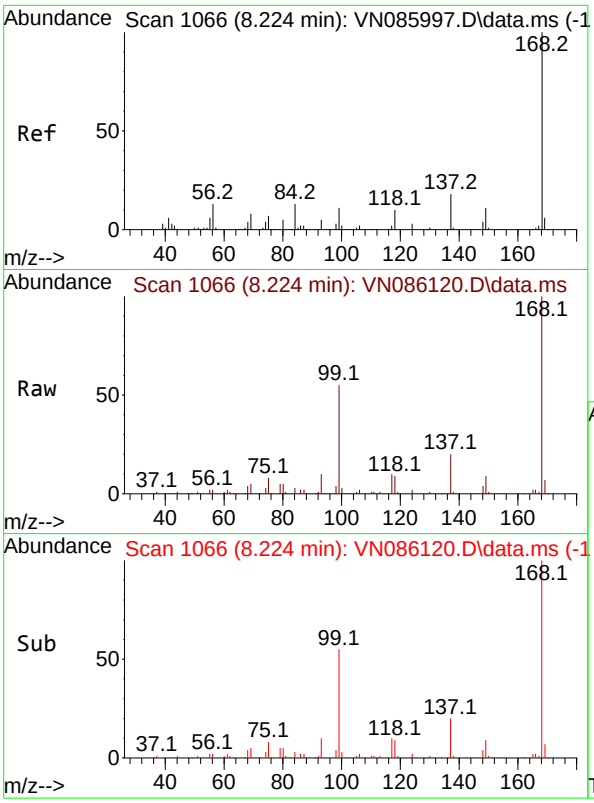
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Time: Mar 27 01:34:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



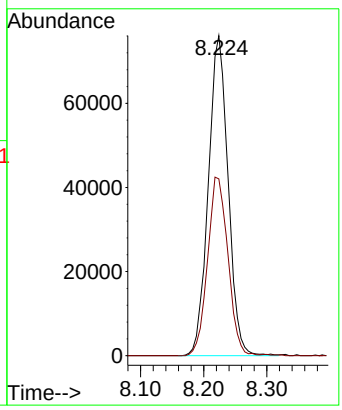


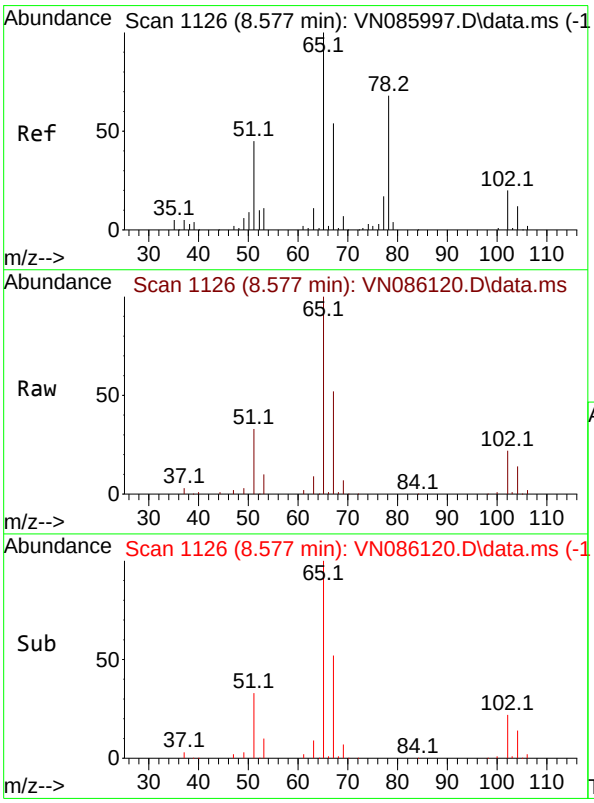
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion:168 Resp: 165546

Ion	Ratio	Lower	Upper
168	100		
99	55.2	49.4	74.2

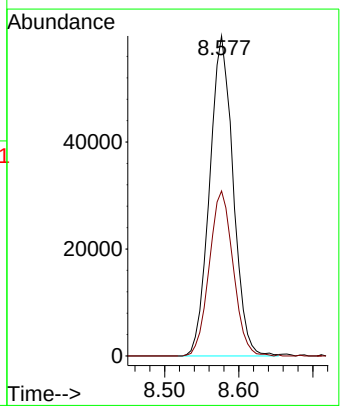


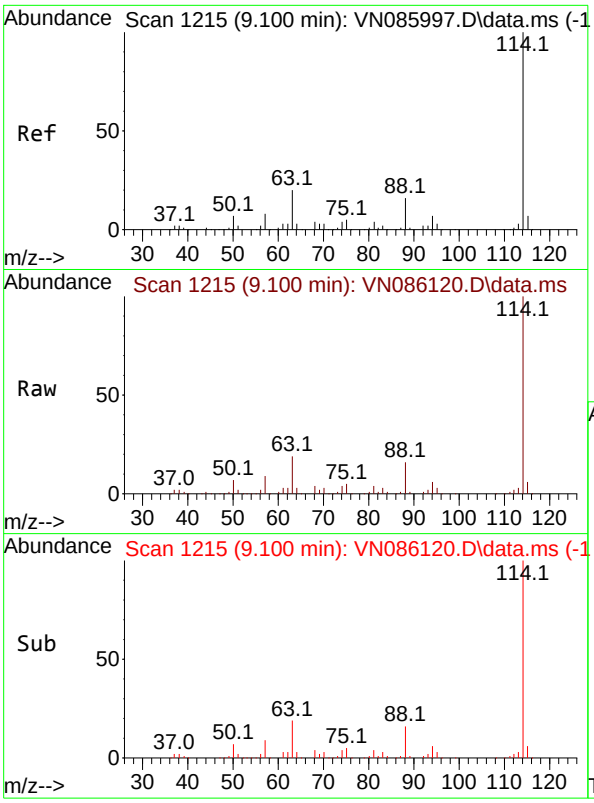


#33
1,2-Dichloroethane-d4
Concen: 58.179 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 65 Resp: 131885

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.2



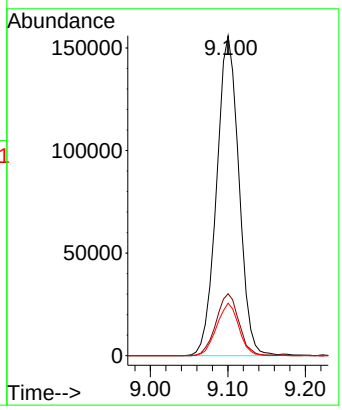


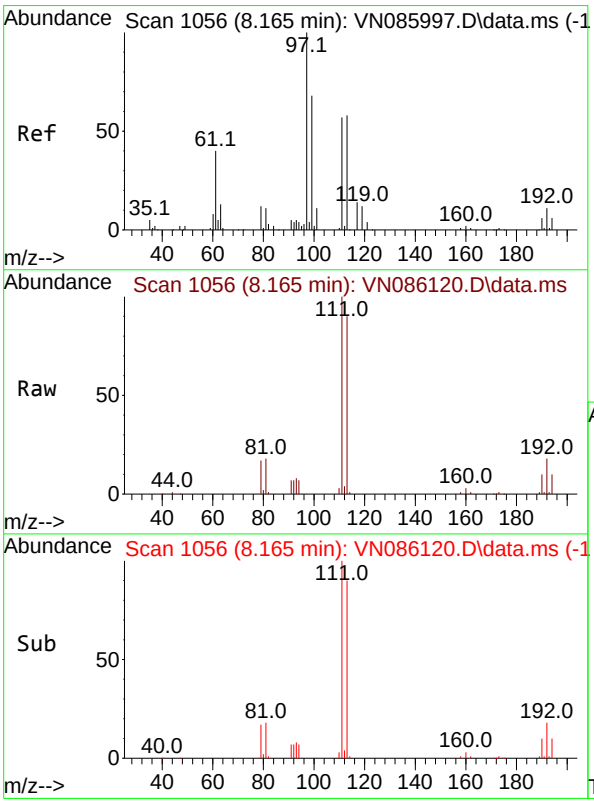
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion:114 Resp: 311785

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	16.4	0.0	32.6

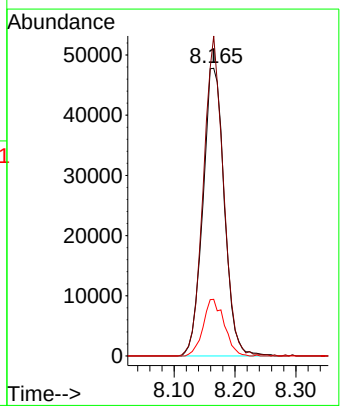


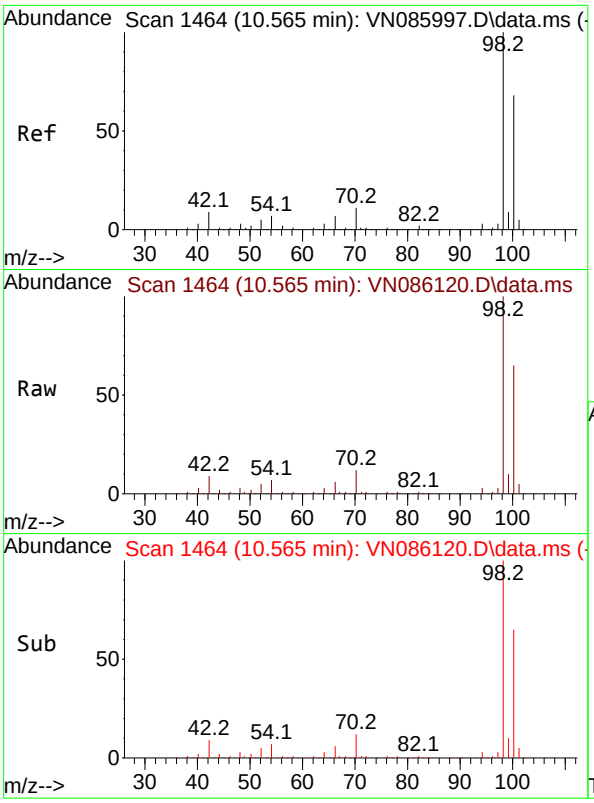


#35
Dibromofluoromethane
Concen: 53.790 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:113 Resp: 117058

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	19.3	15.9	23.9



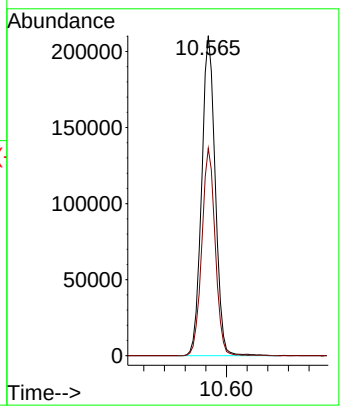


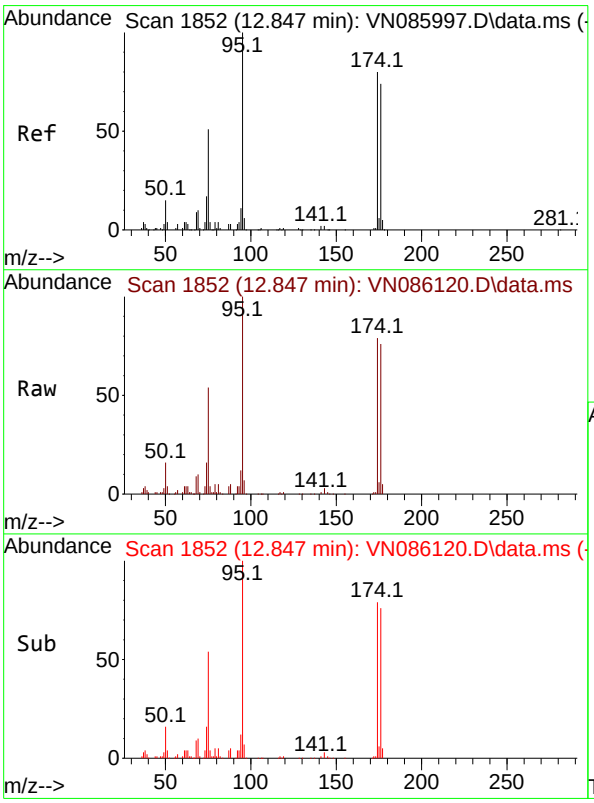
#50
Toluene-d8
Concen: 48.566 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion: 98 Resp: 383585

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7

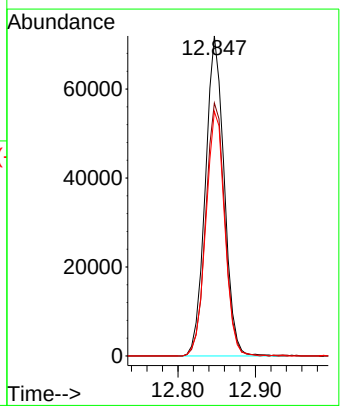


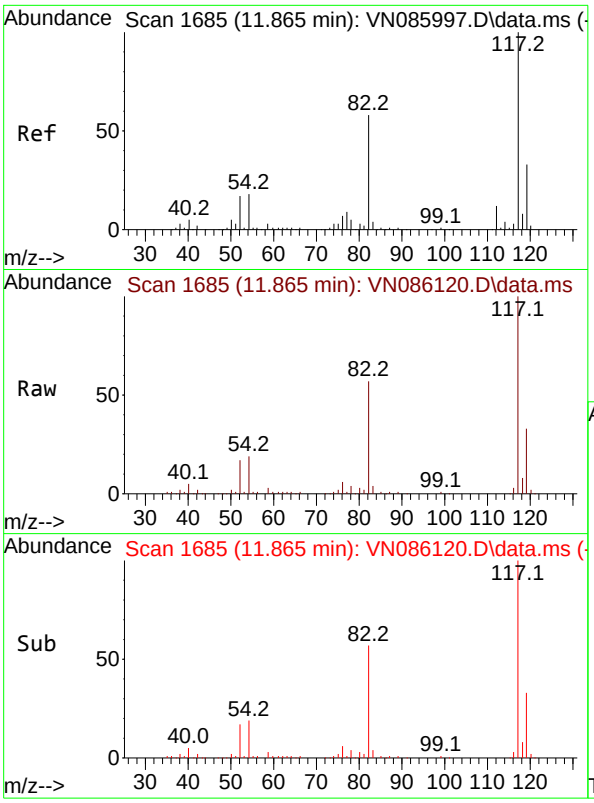


#62
4-Bromofluorobenzene
Concen: 42.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 95 Resp: 121048

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	156.8
176	76.6	0.0	152.2



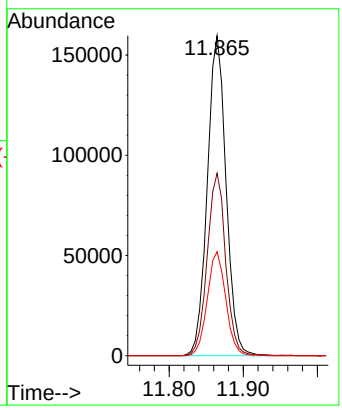


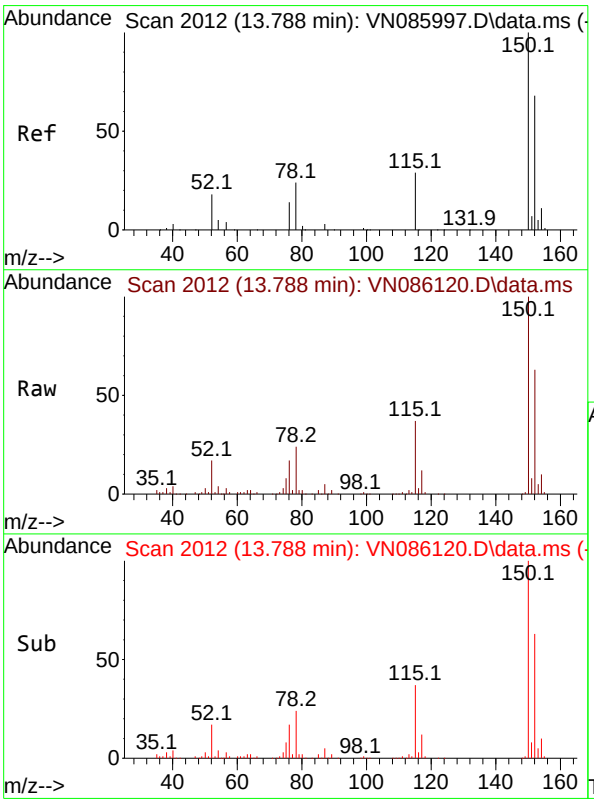
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion:117 Resp: 280557

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.7	70.1
119	32.5	26.5	39.7

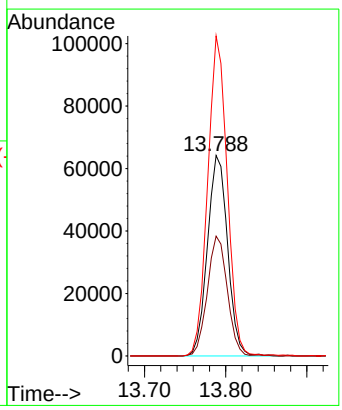




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:152 Resp: 111001

Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.1	93.2
150	154.1	0.0	359.6



Sample Results: **VN086120.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

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_N\methods\82N031825W.M
Title : SW846 8260

Signal : TIC: VN086120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	139	146	151	rBV3	6622	13491	1.39%	0.268%
2	8.165	1047	1056	1060	rBV	165289	370875	38.10%	7.358%
3	8.224	1060	1066	1079	rVB	230442	512609	52.66%	10.169%
4	8.577	1116	1126	1135	rBV	158908	355109	36.48%	7.045%
5	8.783	1154	1161	1171	rVB3	12423	40481	4.16%	0.803%
6	9.100	1204	1215	1226	rBV	360397	728079	74.80%	14.444%
7	10.565	1455	1464	1473	rBV	539316	973418	100.00%	19.311%
8	11.865	1676	1685	1698	rBV	473415	825421	84.80%	16.375%
9	12.847	1844	1852	1866	rBV	348036	583020	59.89%	11.566%
10	13.788	2005	2012	2019	rBV	381528	638156	65.56%	12.660%

Sum of corrected areas: 5040659

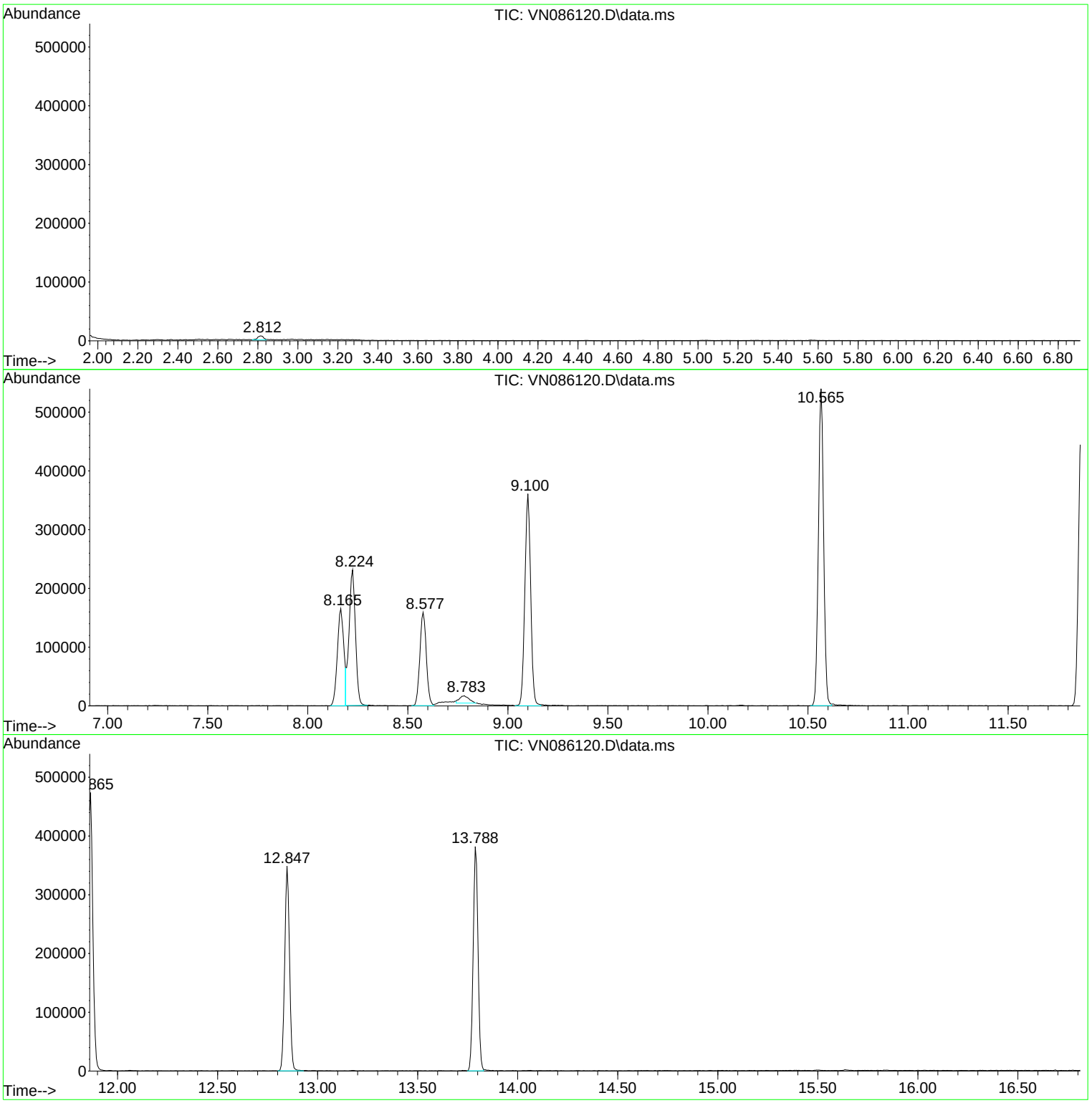
Sample Results: **VN086120.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN086120.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.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_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.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

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:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBS01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086121.D	1		03/26/25 13:01	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		0.22	1.00	ug/L
74-87-3	Chloromethane	20.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.1		0.26	1.00	ug/L
74-83-9	Bromomethane	19.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	90.8		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.1		1.50	5.00	ug/L
78-93-3	2-Butanone	97.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.5		0.16	1.00	ug/L
71-43-2	Benzene	20.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.9		0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBS01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086121.D	1		03/26/25 13:01	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.3		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.1		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	15.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205000	8.224			
540-36-3	1,4-Difluorobenzene	330000	9.1			
3114-55-4	Chlorobenzene-d5	295000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.788			

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBS01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086121.D	1		03/26/25 13:01	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086121.D
Acq On : 26 Mar 2025 13:01
Operator : JC\MD
Sample : VN0326WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:34:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	204522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140469	50.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.165	113	120378	52.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	10.565	98	447520	53.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.847	95	149438	50.094	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	47999	17.714	ug/l	95
3) Chloromethane	2.359	50	48274	20.322	ug/l	99
4) Vinyl Chloride	2.512	62	51169	21.068	ug/l	99
5) Bromomethane	2.953	94	32840	19.850	ug/l	98
6) Chloroethane	3.118	64	32396	21.143	ug/l	96
7) Trichlorofluoromethane	3.500	101	80368	18.407	ug/l	99
8) Diethyl Ether	3.965	74	24635	18.431	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	46590	20.078	ug/l	99
10) Methyl Iodide	4.589	142	55823	18.462	ug/l	95
11) Tert butyl alcohol	5.518	59	31808	80.219	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40208	19.189	ug/l	99
13) Acrolein	4.171	56	32511	76.874	ug/l	93
14) Allyl chloride	5.018	41	48089	18.397	ug/l	98
15) Acrylonitrile	5.718	53	106120	101.337	ug/l	100
16) Acetone	4.430	43	77670	90.777	ug/l	98
17) Carbon Disulfide	4.712	76	118392	17.181	ug/l	97
18) Methyl Acetate	5.024	43	49267	23.273	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	125249	18.242	ug/l	97
20) Methylene Chloride	5.271	84	49944	19.953	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	43918	19.179	ug/l	99
22) Diisopropyl ether	6.671	45	121823	21.869	ug/l	98
23) Vinyl Acetate	6.600	43	415058	98.291	ug/l	97
24) 1,1-Dichloroethane	6.571	63	85469	20.865	ug/l	98
25) 2-Butanone	7.483	43	119857	97.082	ug/l	90
26) 2,2-Dichloropropane	7.483	77	74685	18.938	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	51316	19.721	ug/l	100
28) Bromochloromethane	7.806	49	37883	21.828	ug/l	95
29) Tetrahydrofuran	7.841	42	80920	106.167	ug/l	95
30) Chloroform	7.965	83	90397	19.965	ug/l	99
31) Cyclohexane	8.259	56	66636	19.096	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82560	19.263	ug/l	97
36) 1,1-Dichloropropene	8.371	75	58132	19.155	ug/l	98
37) Ethyl Acetate	7.565	43	50899	19.880	ug/l	99
38) Carbon Tetrachloride	8.359	117	76447	19.158	ug/l	97
39) Methylcyclohexane	9.594	83	52713	17.507	ug/l	94
40) Benzene	8.606	78	194921	20.459	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086121.D
Acq On : 26 Mar 2025 13:01
Operator : JC\MD
Sample : VN0326WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:34:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	26409	21.601	ug/l		94
42) 1,2-Dichloroethane	8.671	62	63986	19.275	ug/l		98
43) Isopropyl Acetate	8.688	43	91093	16.419	ug/l		94
44) Trichloroethene	9.353	130	45069	18.252	ug/l		96
45) 1,2-Dichloropropane	9.618	63	46261	21.349	ug/l		99
46) Dibromomethane	9.706	93	34304	20.130	ug/l		99
47) Bromodichloromethane	9.888	83	71019	19.940	ug/l		96
48) Methyl methacrylate	9.677	41	36419	19.892	ug/l		96
49) 1,4-Dioxane	9.694	88	17765	410.466	ug/l		97
51) 4-Methyl-2-Pentanone	10.441	43	264139	107.950	ug/l		96
52) Toluene	10.629	92	122208	20.900	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	66017	19.086	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	71384	19.561	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	47075	21.093	ug/l		92
56) Ethyl methacrylate	10.871	69	60123	19.736	ug/l		94
57) 1,3-Dichloropropane	11.159	76	77621	20.477	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	123968	106.871	ug/l		97
59) 2-Hexanone	11.194	43	188415	105.701	ug/l		94
60) Dibromochloromethane	11.359	129	56558	19.639	ug/l		96
61) 1,2-Dibromoethane	11.465	107	45799	19.989	ug/l		97
64) Tetrachloroethene	11.100	164	48844	20.765	ug/l		98
65) Chlorobenzene	11.888	112	131861	19.543	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	49684	19.808	ug/l		98
67) Ethyl Benzene	11.965	91	204162	18.916	ug/l		99
68) m/p-Xylenes	12.070	106	168818	39.795	ug/l		98
69) o-Xylene	12.394	106	75033	19.271	ug/l		100
70) Styrene	12.412	104	131161	19.723	ug/l		97
71) Bromoform	12.576	173	39936	19.046	ug/l	#	99
73) Isopropylbenzene	12.694	105	185040	17.846	ug/l		98
74) N-amyl acetate	12.494	43	65953	19.012	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67105	19.130	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	64168m	18.877	ug/l		
77) Bromobenzene	12.976	156	52860	18.283	ug/l		98
78) n-propylbenzene	13.035	91	226350	19.279	ug/l		98
79) 2-Chlorotoluene	13.123	91	147026	18.853	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	166670	19.039	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	23766	18.484	ug/l		92
82) 4-Chlorotoluene	13.217	91	150450	18.760	ug/l		100
83) tert-Butylbenzene	13.435	119	128770	17.199	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	167649	18.988	ug/l		100
85) sec-Butylbenzene	13.617	105	182721	18.708	ug/l		100
86) p-Isopropyltoluene	13.729	119	150181	18.164	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	99224	19.040	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	97279	17.767	ug/l		99
89) n-Butylbenzene	14.053	91	115765	17.194	ug/l		97
90) Hexachloroethane	14.329	117	35410	18.561	ug/l		97
91) 1,2-Dichlorobenzene	14.100	146	94070	18.158	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12149	17.350	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	39458	15.148	ug/l		99
94) Hexachlorobutadiene	15.500	225	23243	15.380	ug/l		99
95) Naphthalene	15.635	128	105866	14.035	ug/l		98
96) 1,2,3-Trichlorobenzene	15.835	180	38666	15.643	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086121.D
Acq On : 26 Mar 2025 13:01
Operator : JC\MD
Sample : VN0326WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:34:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

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

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

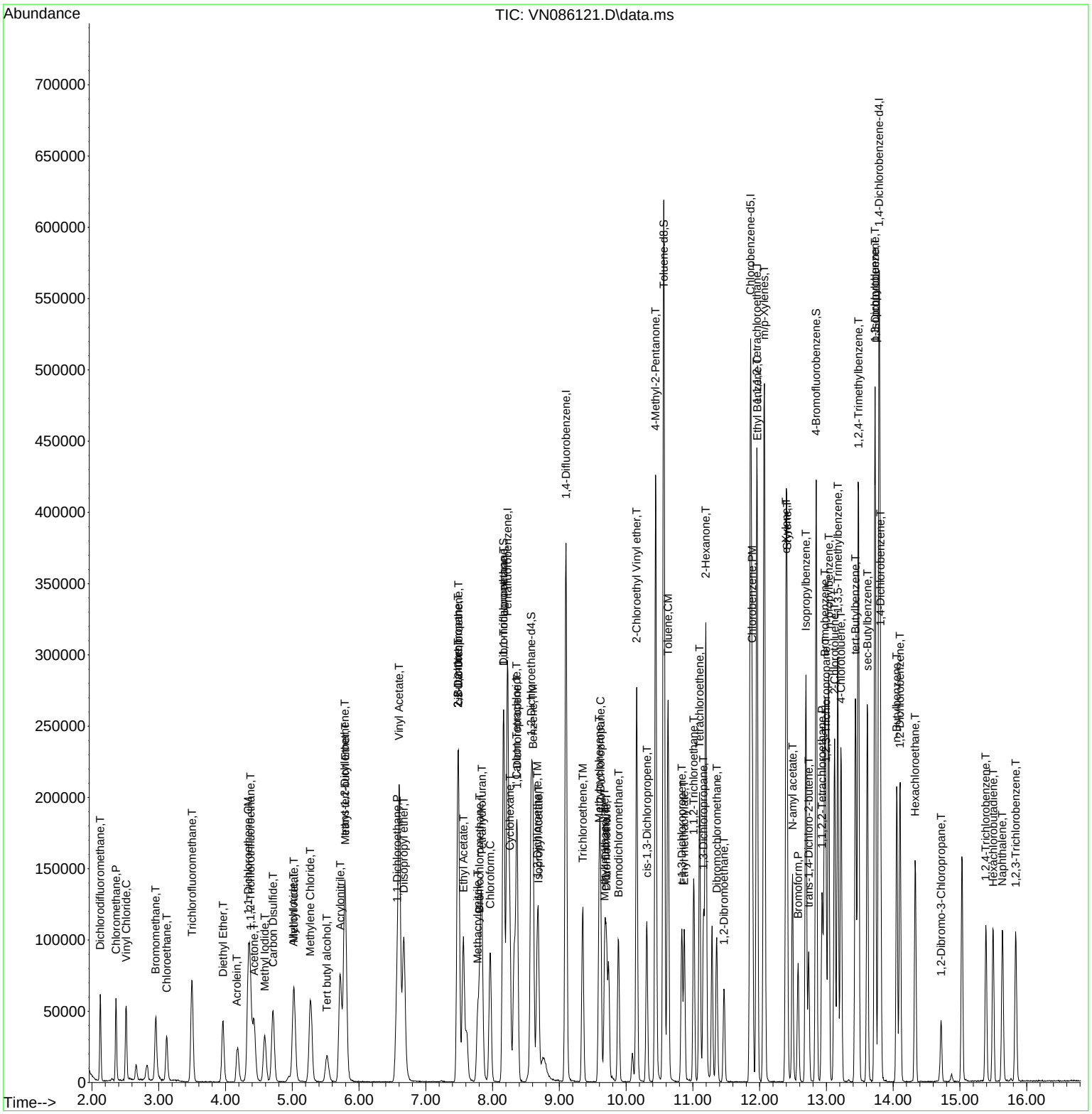
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086121.D
Acq On : 26 Mar 2025 13:01
Operator : JC\MD
Sample : VN0326WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:34:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



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:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBSD01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086131.D	1		03/26/25 17:12	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.3		0.22	1.00	ug/L
74-87-3	Chloromethane	20.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	22.0		0.26	1.00	ug/L
74-83-9	Bromomethane	20.7		1.40	5.00	ug/L
75-00-3	Chloroethane	21.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.4		0.23	1.00	ug/L
67-64-1	Acetone	94.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.1		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.9		0.16	1.00	ug/L
71-43-2	Benzene	21.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	22.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	21.5		0.14	1.00	ug/L

Raw Data: **VN086131.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:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBSD01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086131.D	1		03/26/25 17:12	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.1		0.24	2.00	ug/L
95-47-6	o-Xylene	21.7		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218000	8.224			
540-36-3	1,4-Difluorobenzene	354000	9.1			
3114-55-4	Chlorobenzene-d5	312000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	155000	13.788			

Raw Data: **VN086131.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:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	
Client Sample ID:	VN0326WBSD01	SDG No.:	Q1641
Lab Sample ID:	VN0326WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086131.D	1		03/26/25 17:12	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086131.D
Acq On : 26 Mar 2025 17:12
Operator : JC\MD
Sample : VN0326WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 01:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	217618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146192	49.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	8.165	113	122658	49.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	10.565	98	460234	51.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.847	95	160171	50.020	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52726	18.288	ug/l	100
3) Chloromethane	2.359	50	51701	20.455	ug/l	100
4) Vinyl Chloride	2.512	62	56920	22.025	ug/l	97
5) Bromomethane	2.953	94	36405	20.681	ug/l	100
6) Chloroethane	3.118	64	35696	21.895	ug/l	90
7) Trichlorofluoromethane	3.500	101	88909	19.138	ug/l	97
8) Diethyl Ether	3.959	74	28832	20.273	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	51420	20.826	ug/l	96
10) Methyl Iodide	4.589	142	62334	19.375	ug/l	98
11) Tert butyl alcohol	5.518	59	37905	89.842	ug/l	98
12) 1,1-Dichloroethene	4.341	96	45590	20.449	ug/l	95
13) Acrolein	4.177	56	26269	58.376	ug/l	94
14) Allyl chloride	5.018	41	58554	21.052	ug/l	94
15) Acrylonitrile	5.718	53	117685	105.618	ug/l	100
16) Acetone	4.424	43	86375	94.876	ug/l	100
17) Carbon Disulfide	4.712	76	131708	17.963	ug/l	98
18) Methyl Acetate	5.018	43	52974	23.518	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	149408	20.451	ug/l	97
20) Methylene Chloride	5.277	84	54473	20.453	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	49035	20.125	ug/l	96
22) Diisopropyl ether	6.671	45	142229	23.996	ug/l	97
23) Vinyl Acetate	6.600	43	484834	107.905	ug/l	99
24) 1,1-Dichloroethane	6.571	63	93185	21.380	ug/l	100
25) 2-Butanone	7.482	43	132904	101.172	ug/l	94
26) 2,2-Dichloropropane	7.488	77	83299	19.851	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	58322	21.064	ug/l	98
28) Bromochloromethane	7.812	49	41313	22.372	ug/l	91
29) Tetrahydrofuran	7.835	42	92235	113.730	ug/l	93
30) Chloroform	7.965	83	100673	20.897	ug/l	93
31) Cyclohexane	8.253	56	76546	20.616	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	92471	20.277	ug/l	97
36) 1,1-Dichloropropene	8.371	75	65752	20.184	ug/l	99
37) Ethyl Acetate	7.559	43	57314	20.854	ug/l	98
38) Carbon Tetrachloride	8.359	117	83863	19.579	ug/l	97
39) Methylcyclohexane	9.600	83	61002	18.874	ug/l	92
40) Benzene	8.600	78	217729	21.290	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086131.D
Acq On : 26 Mar 2025 17:12
Operator : JC\MD
Sample : VN0326WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 01:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	30037	22.888	ug/l		92
42) 1,2-Dichloroethane	8.671	62	69679	19.554	ug/l		97
43) Isopropyl Acetate	8.682	43	110595	18.570	ug/l		91
44) Trichloroethene	9.347	130	50021	18.872	ug/l		93
45) 1,2-Dichloropropane	9.618	63	52030	22.369	ug/l		97
46) Dibromomethane	9.706	93	38095	20.826	ug/l		97
47) Bromodichloromethane	9.882	83	79279	20.737	ug/l		98
48) Methyl methacrylate	9.682	41	42220	21.483	ug/l		98
49) 1,4-Dioxane	9.694	88	18692	402.349	ug/l		92
51) 4-Methyl-2-Pentanone	10.441	43	289382	110.179	ug/l		97
52) Toluene	10.629	92	135113	21.527	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	75771	20.408	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	79864	20.388	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	51159	21.355	ug/l		97
56) Ethyl methacrylate	10.870	69	70485	21.381	ug/l		97
57) 1,3-Dichloropropane	11.159	76	84009	20.647	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	140874	112.402	ug/l		97
59) 2-Hexanone	11.194	43	206211	107.774	ug/l		96
60) Dibromochloromethane	11.353	129	64348	20.816	ug/l		98
61) 1,2-Dibromoethane	11.465	107	50440	20.509	ug/l		96
64) Tetrachloroethene	11.100	164	51436	20.696	ug/l		93
65) Chlorobenzene	11.888	112	146258	20.515	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	54330	20.500	ug/l		97
67) Ethyl Benzene	11.959	91	236366	20.726	ug/l		99
68) m/p-Xylenes	12.070	106	188896	42.141	ug/l		100
69) o-Xylene	12.400	106	89120	21.663	ug/l		97
70) Styrene	12.406	104	149266	21.242	ug/l		99
71) Bromoform	12.576	173	42327	19.105	ug/l	#	98
73) Isopropylbenzene	12.694	105	217081	20.535	ug/l		99
74) N-amyl acetate	12.488	43	75230	21.270	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	72556	20.287	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	76899m	22.188	ug/l		
77) Bromobenzene	12.976	156	58202	19.745	ug/l		99
78) n-propylbenzene	13.035	91	257802	21.536	ug/l		98
79) 2-Chlorotoluene	13.123	91	168068	21.138	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	190037	21.292	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	24273	18.516	ug/l		89
82) 4-Chlorotoluene	13.217	91	169162	20.689	ug/l		100
83) tert-Butylbenzene	13.435	119	150004	19.651	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	190106	21.118	ug/l		98
85) sec-Butylbenzene	13.617	105	213011	21.391	ug/l		100
86) p-Isopropyltoluene	13.729	119	176409	20.927	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	107947	20.316	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	106961	19.160	ug/l		99
89) n-Butylbenzene	14.053	91	134561	19.602	ug/l		99
90) Hexachloroethane	14.329	117	37196	19.123	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	104038	19.697	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13215	18.511	ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	47707	17.963	ug/l		99
94) Hexachlorobutadiene	15.500	225	25540	16.575	ug/l		98
95) Naphthalene	15.641	128	128540	16.714	ug/l		98
96) 1,2,3-Trichlorobenzene	15.835	180	45721	18.143	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086131.D
Acq On : 26 Mar 2025 17:12
Operator : JC\MD
Sample : VN0326WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 01:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

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

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

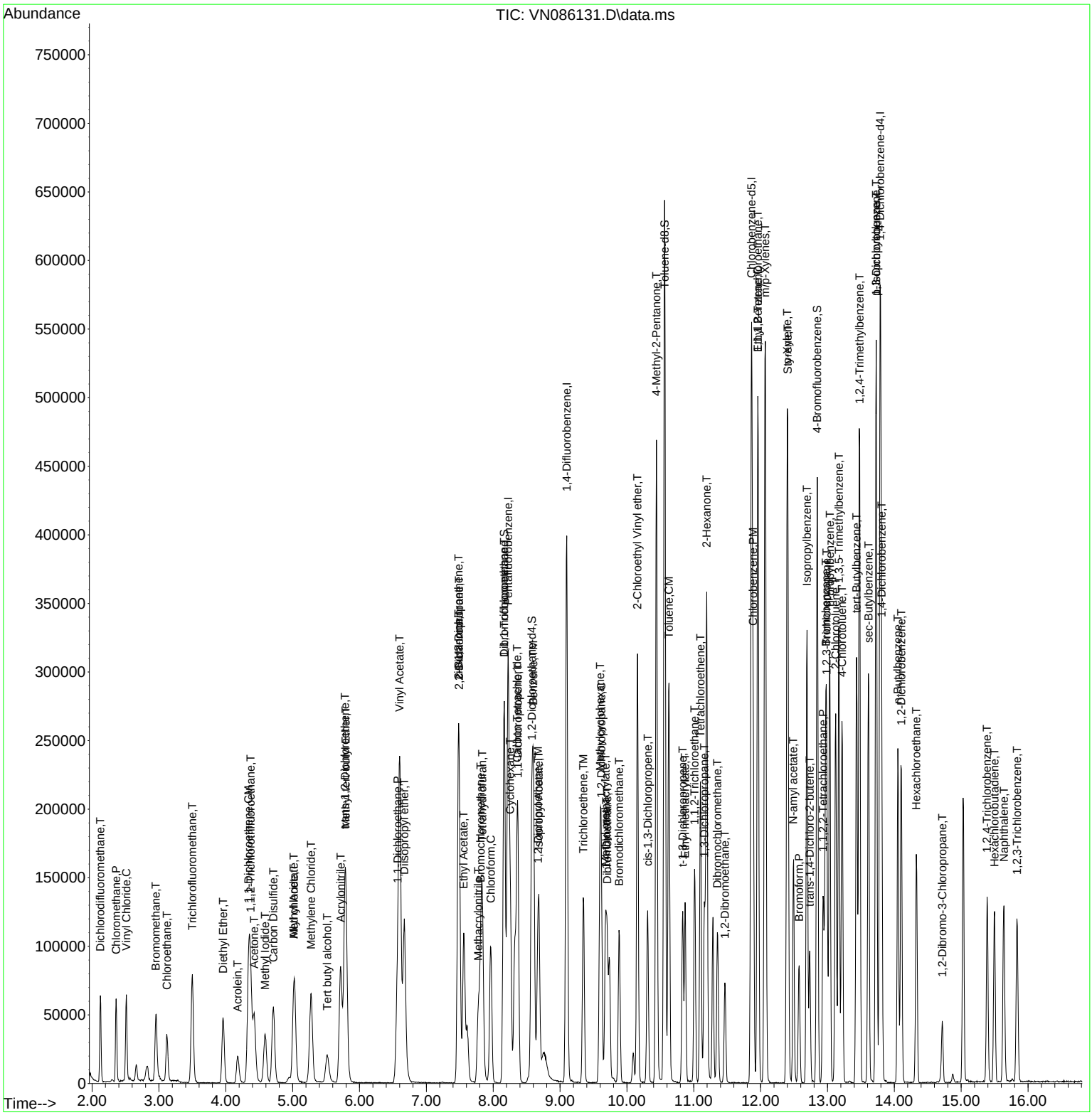
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086131.D
Acq On : 26 Mar 2025 17:12
Operator : JC\MD
Sample : VN0326WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 01:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



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Manual Integration Report

Sequence:	VN031825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN085996.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:30 AM	MMDadoda	3/19/2025 2:21:56 PM	Peak Integrated by Software
VSTDICCC050	VN085997.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:35 AM	MMDadoda	3/19/2025 2:21:58 PM	Peak Integrated by Software
VSTDICCC050	VN085997.D	Isopropyl Acetate	JOHN	3/19/2025 9:42:35 AM	MMDadoda	3/19/2025 2:21:58 PM	Peak Integrated by Software
VSTDICC020	VN085998.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:41 AM	MMDadoda	3/19/2025 2:22:00 PM	Peak Integrated by Software
VSTDICC020	VN085998.D	Isopropyl Acetate	JOHN	3/19/2025 9:42:41 AM	MMDadoda	3/19/2025 2:22:00 PM	Peak Integrated by Software
VSTDICC020	VN085998.D	Vinyl Acetate	JOHN	3/19/2025 9:42:41 AM	MMDadoda	3/19/2025 2:22:00 PM	Peak Integrated by Software
VSTDICC010	VN085999.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:46 AM	MMDadoda	3/19/2025 2:22:02 PM	Peak Integrated by Software
VSTDICC010	VN085999.D	Isopropyl Acetate	JOHN	3/19/2025 9:42:46 AM	MMDadoda	3/19/2025 2:22:02 PM	Peak Integrated by Software
VSTDICC005	VN086000.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:51 AM	MMDadoda	3/19/2025 2:22:03 PM	Peak Integrated by Software
VSTDICC001	VN086001.D	1,1,2-Trichlorotrifluoroethane	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software
VSTDICC001	VN086001.D	1,1-Dichloroethane	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software
VSTDICC001	VN086001.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software
VSTDICC001	VN086001.D	1,4-Dichlorobenzene	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN031825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086001.D	Diisopropyl ether	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software
VSTDICC001	VN086001.D	Ethyl Acetate	JOHN	3/19/2025 9:42:57 AM	MMDadoda	3/19/2025 2:22:05 PM	Peak Integrated by Software
VSTDICV050	VN086003.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:43:04 AM	MMDadoda	3/19/2025 2:22:08 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN032625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086118.D	1,2,3-Trichloropropane	JOHN	3/28/2025 10:03:20 AM	MMDadoda	3/28/2025 3:28:28 PM	Peak Integrated by Software
VN0326WBS01	VN086121.D	1,2,3-Trichloropropane	JOHN	3/28/2025 10:03:24 AM	MMDadoda	3/28/2025 3:28:29 PM	Peak Integrated by Software
VN0326WBSD01	VN086131.D	1,2,3-Trichloropropane	JOHN	3/28/2025 10:03:51 AM	MMDadoda	3/28/2025 3:28:36 PM	Peak Integrated by Software
VSTDCCC050	VN086138.D	1,2,3-Trichloropropane	JOHN	3/28/2025 10:03:57 AM	MMDadoda	3/28/2025 3:28:38 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN031825

Review By	John Carlone	Review On	3/19/2025 9:43:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:13 PM		
SubDirectory	VN031825	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133352
Initial Calibration Stds	VP133393,VP133394,VP133395,VP133396,VP133397,VP133399
CCC	VP133353
Internal Standard/PEM	
ICV/I.BLK	VP133401
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085994.D	18 Mar 2025 08:52	JC\MD	Ok
2	VSTDCCC050	VN085995.D	18 Mar 2025 10:55	JC\MD	Not Ok
3	VSTDICC100	VN085996.D	18 Mar 2025 11:44	JC\MD	Ok,M
4	VSTDICCC050	VN085997.D	18 Mar 2025 12:08	JC\MD	Ok,M
5	VSTDICC020	VN085998.D	18 Mar 2025 12:32	JC\MD	Ok,M
6	VSTDICC010	VN085999.D	18 Mar 2025 12:57	JC\MD	Ok,M
7	VSTDICC005	VN086000.D	18 Mar 2025 13:21	JC\MD	Ok,M
8	VSTDICC001	VN086001.D	18 Mar 2025 14:09	JC\MD	Ok,M
9	IBLK	VN086002.D	18 Mar 2025 14:34	JC\MD	Ok
10	VSTDICV050	VN086003.D	18 Mar 2025 16:49	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN032625

Review By	John Carlone	Review On	3/28/2025 10:06:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/28/2025 3:29:19 PM		
SubDirectory	VN032625	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133493
Initial Calibration Stds	
CCC	VP133494,VP133495
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086117.D	26 Mar 2025 10:50	JC\MD	Ok
2	VSTDCCC050	VN086118.D	26 Mar 2025 11:38	JC\MD	Ok,M
3	VN0326MBL01	VN086119.D	26 Mar 2025 12:12	JC\MD	Ok
4	VN0326WBL01	VN086120.D	26 Mar 2025 12:37	JC\MD	Ok
5	VN0326WBS01	VN086121.D	26 Mar 2025 13:01	JC\MD	Ok,M
6	VN0326MBS01	VN086122.D	26 Mar 2025 13:35	JC\MD	Ok,M
7	Q1619-05	VN086123.D	26 Mar 2025 13:59	JC\MD	Ok
8	Q1634-01	VN086124.D	26 Mar 2025 14:23	JC\MD	Ok
9	VN0326WBS02	VN086125.D	26 Mar 2025 14:47	JC\MD	Not Ok
10	Q1632-03RE	VN086126.D	26 Mar 2025 15:11	JC\MD	Confirms
11	Q1635-04	VN086127.D	26 Mar 2025 15:35	JC\MD	Ok
12	Q1636-08	VN086128.D	26 Mar 2025 16:00	JC\MD	Ok
13	VN0326WBS03	VN086129.D	26 Mar 2025 16:24	JC\MD	Not Ok
14	Q1636-16	VN086130.D	26 Mar 2025 16:48	JC\MD	Ok
15	VN0326WBSD01	VN086131.D	26 Mar 2025 17:12	JC\MD	Ok,M
16	Q1643-06	VN086132.D	26 Mar 2025 17:36	JC\MD	Ok
17	Q1641-02	VN086133.D	26 Mar 2025 18:00	JC\MD	Ok
18	Q1644-03	VN086134.D	26 Mar 2025 18:24	JC\MD	Ok
19	Q1643-09	VN086135.D	26 Mar 2025 18:48	JC\MD	Ok
20	Q1636-12	VN086136.D	26 Mar 2025 19:12	JC\MD	Ok
21	Q1636-20	VN086137.D	26 Mar 2025 19:36	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN032625

Review By	John Carlone	Review On	3/28/2025 10:06:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/28/2025 3:29:19 PM		
SubDirectory	VN032625	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133493
Initial Calibration Stds	
CCC	VP133494,VP133495
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VN086138.D	26 Mar 2025 20:00	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN031825

Review By	John Carlone	Review On	3/19/2025 9:43:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:13 PM		
SubDirectory	VN031825	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133352
Initial Calibration Stds	VP133393,VP133394,VP133395,VP133396,VP133397,VP133399
CCC	VP133353
Internal Standard/PEM	
ICV/I.BLK	VP133401
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085994.D	18 Mar 2025 08:52		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085995.D	18 Mar 2025 10:55	Need ICAL	JC\MD	Not Ok
3	VSTDICC100	VSTDICC100	VN085996.D	18 Mar 2025 11:44		JC\MD	Ok,M
4	VSTDICCC050	VSTDICCC050	VN085997.D	18 Mar 2025 12:08	Comp.#56 and 58 is on Quadratic Regression	JC\MD	Ok,M
5	VSTDICC020	VSTDICC020	VN085998.D	18 Mar 2025 12:32		JC\MD	Ok,M
6	VSTDICC010	VSTDICC010	VN085999.D	18 Mar 2025 12:57	%D failed for Comp. #58 in 01PPB and 20PPB	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN086000.D	18 Mar 2025 13:21		JC\MD	Ok,M
8	VSTDICC001	VSTDICC001	VN086001.D	18 Mar 2025 14:09		JC\MD	Ok,M
9	IBLK	IBLK	VN086002.D	18 Mar 2025 14:34		JC\MD	Ok
10	VSTDICV050	ICVVN031825	VN086003.D	18 Mar 2025 16:49	ICV Failed for comp. #39,52,58,68,69,70,78,80,84,85, 86,89 For DOD	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN032625

Review By	John Carlone	Review On	3/28/2025 10:06:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/28/2025 3:29:19 PM		
SubDirectory	VN032625	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133493
Initial Calibration Stds	
CCC	VP133494,VP133495
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086117.D	26 Mar 2025 10:50		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086118.D	26 Mar 2025 11:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0326MBL01	VN0326MBL01	VN086119.D	26 Mar 2025 12:12		JC\MD	Ok
4	VN0326WBL01	VN0326WBL01	VN086120.D	26 Mar 2025 12:37		JC\MD	Ok
5	VN0326WBS01	VN0326WBS01	VN086121.D	26 Mar 2025 13:01		JC\MD	Ok,M
6	VN0326MBS01	VN0326MBS01	VN086122.D	26 Mar 2025 13:35		JC\MD	Ok,M
7	Q1619-05	TP-1	VN086123.D	26 Mar 2025 13:59		JC\MD	Ok
8	Q1634-01	HR-01-032425	VN086124.D	26 Mar 2025 14:23		JC\MD	Ok
9	VN0326WBS02	VN0326WBS02	VN086125.D	26 Mar 2025 14:47	Surrogate fail;Recovery fail	JC\MD	Not Ok
10	Q1632-03RE	PIER-1-2RE	VN086126.D	26 Mar 2025 15:11	vial B pH#5.0 Surrogate fail	JC\MD	Confirms
11	Q1635-04	TP-2	VN086127.D	26 Mar 2025 15:35	vial A pH#5.0	JC\MD	Ok
12	Q1636-08	WC-2	VN086128.D	26 Mar 2025 16:00	vial A pH#5.0	JC\MD	Ok
13	VN0326WBS03	VN0326WBS03	VN086129.D	26 Mar 2025 16:24	Recovery fail	JC\MD	Not Ok
14	Q1636-16	WC-4	VN086130.D	26 Mar 2025 16:48	vial A pH#5.0	JC\MD	Ok
15	VN0326WBSD01	VN0326WBSD01	VN086131.D	26 Mar 2025 17:12		JC\MD	Ok,M
16	Q1643-06	A4212	VN086132.D	26 Mar 2025 17:36	vial A pH<2	JC\MD	Ok
17	Q1641-02	NP-WS-003	VN086133.D	26 Mar 2025 18:00	vial A pH<2	JC\MD	Ok
18	Q1644-03	031925	VN086134.D	26 Mar 2025 18:24	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN032625

Review By	John Carlone	Review On	3/28/2025 10:06:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/28/2025 3:29:19 PM		
SubDirectory	VN032625	HP Acquire Method		HP Processing Method	82N031825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133493
Initial Calibration Stds	
CCC	VP133494,VP133495
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1643-09	032025	VN086135.D	26 Mar 2025 18:48	vial A pH<2	JC\MD	Ok
20	Q1636-12	WC-3	VN086136.D	26 Mar 2025 19:12	vial A pH#5.0	JC\MD	Ok
21	Q1636-20	WC-5	VN086137.D	26 Mar 2025 19:36	vial A pH#5.0	JC\MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VN086138.D	26 Mar 2025 20:00		JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO.
QUOTE NO. Q1641
COC Number 2045917

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ENTACT
ADDRESS: 150 Bay St 2nd Flr Suite 806
CITY Jersey City STATE: ZIP:
ATTENTION: Wyatt Seel
PHONE: 419-266-4671 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: North Point
PROJECT NO.: E9306 LOCATION:
PROJECT MANAGER: Wyatt Seel
e-mail: WSeel@ENTACT.com
PHONE: 419-266-4671 FAX:

CLIENT BILLING INFORMATION

BILL TO: ENTACT LLC PO#: E9306
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ US EPA CLP
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: VOC 8260
2: 8 RCRA 6010+7
3: Copper, Nickel,
4: Zinc, Cobalt, Iron,
5: Al, Tin
6: PCB 8020
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	NP-WS-003	W		X	3/25	13:00	8	X	X	X	X	X	X				
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Wyatt Seel	3/25 13:35	1. 1339 3.25.25
2.		2.
3.	3.25.25 1550	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1641 ENTA05
Client Name : ENTACT
Client Contact : Jarod Stanfield
Invoice Name : ENTACT
Invoice Contact : Jarod Stanfield

Order Date : 3/25/2025 1:48:00 PM
Project Name : 540 Degraw St, Brooklyn, N
Receive DateTime : 3/25/2025 1:50:00 PM
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
Q1641-02	NP-WS-003	Water	03/25/2025	13:00	VOC-TCLVOA-10		8260D		10 / 5 Bus. Days

stored in VOA
ref # 05

Relinquished By :
Date / Time : 3-25-25 1605

Received By :
Date / Time : 3-25-25 16:05

Storage Area : VOA Refridgerator Room