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

Order ID : Q2646

Project ID : North Arlington, NJ

Client : Environmental Restoration, LLC

Lab Sample Number	Client Sample Number
Q2646-01	FRAC TANK
Q2646-03	FRAC TANK

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

Signature : _____

Date: 7/30/2025

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 #: **Q2646**

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

QA Review Signature: **MAHESH PATEL** **Date:** **07/30/2025**

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LAB CHRONICLE

OrderID:	Q2646	**OrderDate:**	7/18/2025 11:47:00 AM
Client:	Environmental Restoration, LLC	**Project:**	North Arlington, NJ
Contact:	Steve Motta	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-01	**FRAC TANK**	**Water**			**07/18/25**			**07/18/25**
			VOC-TCLVOA-10	8260D			07/21/25	
Q2646-03	**FRAC TANK**	**TCLP**			**07/18/25**			**07/18/25**
			TCLP VOA	8260D			07/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2646

Client: Environmental Restoration, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**FRAC TANK**								
Q2646-01	FRAC TANK	Water	Acetone		230		7.60	130	ug/L
Q2646-01	FRAC TANK	Water	Carbon Disulfide		8.70	J	1.10	25.0	ug/L
Q2646-01	FRAC TANK	Water	Methyl Acetate		7.50	J	1.40	25.0	ug/L
Q2646-01	FRAC TANK	Water	2-Butanone		1600		4.90	130	ug/L
Q2646-01	FRAC TANK	Water	m/p-Xylenes		9.00	J	1.20	50.0	ug/L
Q2646-01	FRAC TANK	Water	o-Xylene		5.30	J	0.60	25.0	ug/L
			Total Voc :		1860				
Q2646-01	FRAC TANK	Water	Ethanol	*	170	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	Hexanal	*	170	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	1-Propanol	*	330	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	1-Butanol	*	69.6	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	Pentane	*	84.6	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	Dodecane	*	58.6	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	Tridecane	*	75.2	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	1-Phenyl-1-butene	*	42.5	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	2-Butanol, (R)-	*	910	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	2-Heptenal, (E)-	*	77.0	J	0	0	ug/L
Q2646-01	FRAC TANK	Water	Ethyl Acetate	*	38.2	J	1.60	25.0	ug/L
Q2646-01	FRAC TANK	Water	1,3,5-Trimethylbenzene	*	5.50	J	0.75	25.0	ug/L
Q2646-01	FRAC TANK	Water	1,2,4-Trimethylbenzene	*	28.3	J	0.70	25.0	ug/L
Q2646-01	FRAC TANK	Water	Naphthalene	*	8.20	J	1.00	25.0	ug/L
			Total Tics :		2070				
			Total Concentration:		3930				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2646-01	FRAC TANK	1,2-Dichloroethane-d4	50	51.3	103		70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103		70 (75)	130 (124)
		Toluene-d8	50	52.0	104		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.3	99		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VN0721WBL01	VN0721WBL01	1,2-Dichloroethane-d4	50	54.7	109		70 (74)	130 (125)
		Dibromofluoromethane	50	51.4	103		70 (75)	130 (124)
		Toluene-d8	50	51.0	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.4	93		70 (77)	130 (121)
VN0721WBS01	VN0721WBS01	1,2-Dichloroethane-d4	50	47.3	95		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	50.4	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100		70 (77)	130 (121)
VN0721WBSD0	VN0721WBSD01	1,2-Dichloroethane-d4	50	47.2	94		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		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.: Q2646 **Analytical Method:** SW8260-Low

Client: Environmental Restoration, LLC **Datafile :** VN087371.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0721WBS01	Dichlorodifluoromethane	20	21.9	ug/L	110			40 (69)	160 (116)	
	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	19.0	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	19.2	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.1	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	Acetone	100	85.8	ug/L	86			40 (60)	160 (125)	
	Carbon disulfide	20	18.4	ug/L	92			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.2	ug/L	86			70 (78)	130 (114)	
	Methyl Acetate	20	17.6	ug/L	88			70 (67)	130 (125)	
	Methylene Chloride	20	17.3	ug/L	86			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.8	ug/L	89			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.6	ug/L	88			70 (78)	130 (112)	
	Cyclohexane	20	20.1	ug/L	101			70 (75)	130 (110)	
	2-Butanone	100	86.4	ug/L	86			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.6	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.0	ug/L	90			70 (77)	130 (110)	
	Bromochloromethane	20	17.8	ug/L	89			70 (70)	130 (124)	
	Chloroform	20	17.9	ug/L	90			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			70 (80)	130 (108)	
	Methylcyclohexane	20	20.9	ug/L	104			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.3	ug/L	92			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.3	ug/L	97			70 (83)	130 (111)	
	Bromodichloromethane	20	18.3	ug/L	92			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	92.0	ug/L	92			40 (74)	160 (118)	
	Toluene	20	19.2	ug/L	96			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.7	ug/L	94			70 (83)	130 (112)	
	2-Hexanone	100	91.6	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	18.8	ug/L	94			70 (82)	130 (110)	
	1,2-Dibromoethane	20	17.4	ug/L	87			70 (81)	130 (110)	
	Tetrachloroethene	20	18.3	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.1	ug/L	91			70 (83)	130 (109)	
	m/p-Xylenes	40	39.5	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	18.4	ug/L	92			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	18.2	ug/L	91			70 (79)	130 (109)	
	Isopropylbenzene	20	19.5	ug/L	98			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.1	ug/L	96			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2646 **Analytical Method:** SW8260-Low

Client: Environmental Restoration, LLC **Datafile :** VN087371.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0721WBS01	1,2-Dibromo-3-Chloropropane	20	16.3	ug/L	81			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2646 **Analytical Method:** SW8260-Low

Client: Environmental Restoration, LLC **Datafile :** VN087372.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0721WBSD01	Dichlorodifluoromethane	20	22.4	ug/L	112	2		40 (69)	160 (116)	20 (19)
	Chloromethane	20	18.8	ug/L	94	0		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.0	ug/L	95	0		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.8	ug/L	99	3		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.5	ug/L	93	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.7	ug/L	99	3		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	4		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	17.6	ug/L	88	3		70 (74)	130 (110)	20 (20)
	Acetone	100	83.3	ug/L	83	4		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.6	ug/L	93	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.0	ug/L	90	5		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	18.3	ug/L	92	4		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	17.7	ug/L	89	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.9	ug/L	90	1		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	18.2	ug/L	91	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.8	ug/L	99	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	88.2	ug/L	88	2		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.8	ug/L	99	1		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	18.4	ug/L	92	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.6	ug/L	93	4		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.4	ug/L	92	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.9	ug/L	95	2		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.9	ug/L	104	0		70 (72)	130 (115)	20 (20)
	Benzene	20	19.2	ug/L	96	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.8	ug/L	94	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.8	ug/L	94	0		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.3	ug/L	97	0		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	18.8	ug/L	94	2		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	94.0	ug/L	94	2		40 (74)	160 (118)	20 (25)
	Toluene	20	19.5	ug/L	98	2		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	18.6	ug/L	93	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.4	ug/L	97	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	19.6	ug/L	98	4		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	93.7	ug/L	94	2		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	18.4	ug/L	92	2		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	18.9	ug/L	95	9		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.6	ug/L	93	0		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.7	ug/L	94	3		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.8	ug/L	97	2		70 (82)	130 (110)	20 (15)
	o-Xylene	20	18.8	ug/L	94	2		70 (83)	130 (109)	20 (20)
	Styrene	20	19.4	ug/L	97	0		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.8	ug/L	94	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.3	ug/L	97	1		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	19.0	ug/L	95	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.3	ug/L	97	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.4	ug/L	92	2		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.7	ug/L	99	2		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2646**	**Analytical Method:**	**SW8260-Low**
Client:	**Environmental Restoration, LLC**	**Datafile :**	VN087372.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0721WBSD01	1,2-Dibromo-3-Chloropropane	20	16.6	ug/L	83	2		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93	4		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92	3		70 (76)	130 (114)	20 (29)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0721WBL01

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: VN087370.D Lab Sample ID: VN0721WBL01

Date Analyzed: 07/21/2025 Time Analyzed: 11:34

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
VN0721WBS01	VN0721WBS01	VN087371.D	07/21/2025
VN0721WBSD01	VN0721WBSD01	VN087372.D	07/21/2025
FRAC TANK	Q2646-01	VN087373.D	07/21/2025

COMMENTS:

Raw Data: **VN087327.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2646

Lab File ID: VN087327.D | BFB Injection Date: 07/16/2025

Instrument ID: MSVOA_N | BFB Injection Time: 16:10

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	19.8
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	70.9
175	5.0 - 9.0% of mass 174	3.6 (5.1) 1
176	95.0 - 101.0% of mass 174	68.7 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087328.D	07/16/2025	17:05
VSTDICC005	VSTDICC005	VN087329.D	07/16/2025	17:27
VSTDICC020	VSTDICC020	VN087330.D	07/16/2025	17:49
VSTDICCC050	VSTDICCC050	VN087331.D	07/16/2025	18:11
VSTDICC100	VSTDICC100	VN087332.D	07/16/2025	18:32
VSTDICC150	VSTDICC150	VN087333.D	07/16/2025	18:54

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2646
Lab File ID: VN087367.D
BFB Injection Date: 07/21/2025
Instrument ID: MSVOA_N
BFB Injection Time: 10:05
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	21.1
75	30.0 - 60.0% of mass 95	52.1
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	1.5 (1.9) 1
174	50.0 - 100.0% of mass 95	75.2
175	5.0 - 9.0% of mass 174	6 (8) 1
176	95.0 - 101.0% of mass 174	72.4 (96.3) 1
177	5.0 - 9.0% of mass 176	5 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087368.D	07/21/2025	10:38
VN0721WBL01	VN0721WBL01	VN087370.D	07/21/2025	11:34
VN0721WBS01	VN0721WBS01	VN087371.D	07/21/2025	11:55
VN0721WBSD01	VN0721WBSD01	VN087372.D	07/21/2025	12:30
FRAC TANK	Q2646-01	VN087373.D	07/21/2025	12:51

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: VN087368.D Date Analyzed: 07/21/2025

Instrument ID: MSVOA_N Time Analyzed: 10:38

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	202357	8.21	342303	9.08	307825	11.85
UPPER LIMIT	404714	8.706	684606	9.583	615650	12.347
LOWER LIMIT	101179	7.706	171152	8.583	153913	11.347
EPA SAMPLE NO.						
FRAC TANK	144360	8.21	274202	9.09	259490	11.85
VN0721WBL01	164239	8.21	328305	9.08	300772	11.85
VN0721WBS01	195078	8.21	337215	9.09	308523	11.85
VN0721WBSD01	190787	8.21	328848	9.08	296338	11.85

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: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Lab File ID: VN087368.D Date Analyzed: 07/21/2025

Instrument ID: MSVOA_N Time Analyzed: 10:38

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

	IS4 AREA #	RT #				
12 HOUR STD	162263	13.77				
UPPER LIMIT	324526	14.27				
LOWER LIMIT	81131.5	13.27				
EPA SAMPLE NO.						
FRAC TANK	124607	13.77				
VN0721WBL01	133337	13.77				
VN0721WBS01	161452	13.77				
VN0721WBSD01	158557	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VN087373.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087373.D	5	07/21/25 12:51	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	25.0	ug/L
74-87-3	Chloromethane	1.60	U	1.60	25.0	ug/L
75-01-4	Vinyl Chloride	1.30	U	1.30	25.0	ug/L
74-83-9	Bromomethane	7.20	U	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	U	2.40	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	U	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.20	U	1.20	25.0	ug/L
67-64-1	Acetone	230		7.60	130	ug/L
75-15-0	Carbon Disulfide	8.70	J	1.10	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	U	0.80	25.0	ug/L
79-20-9	Methyl Acetate	7.50	J	1.40	25.0	ug/L
75-09-2	Methylene Chloride	1.40	U	1.40	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	U	1.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	U	1.20	25.0	ug/L
110-82-7	Cyclohexane	7.30	U	7.30	25.0	ug/L
78-93-3	2-Butanone	1600		4.90	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	U	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	25.0	ug/L
74-97-5	Bromochloromethane	1.10	U	1.10	25.0	ug/L
67-66-3	Chloroform	1.30	U	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	25.0	ug/L
108-87-2	Methylcyclohexane	0.80	U	0.80	25.0	ug/L
71-43-2	Benzene	0.75	U	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.10	U	1.10	25.0	ug/L
79-01-6	Trichloroethene	0.47	U	0.47	25.0	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	1.00	25.0	ug/L
75-27-4	Bromodichloromethane	1.10	U	1.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	130	ug/L
108-88-3	Toluene	0.70	U	0.70	25.0	ug/L

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087373.D	5	07/21/25 12:51	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	U	0.85	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	U	0.80	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	25.0	ug/L
591-78-6	2-Hexanone	4.50	U	4.50	130	ug/L
124-48-1	Dibromochloromethane	0.90	U	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.75	U	0.75	25.0	ug/L
127-18-4	Tetrachloroethene	1.20	U	1.20	25.0	ug/L
108-90-7	Chlorobenzene	0.60	U	0.60	25.0	ug/L
100-41-4	Ethyl Benzene	0.65	U	0.65	25.0	ug/L
179601-23-1	m/p-Xylenes	9.00	J	1.20	50.0	ug/L
95-47-6	o-Xylene	5.30	J	0.60	25.0	ug/L
100-42-5	Styrene	0.75	U	0.75	25.0	ug/L
75-25-2	Bromoform	0.95	U	0.95	25.0	ug/L
98-82-8	Isopropylbenzene	0.60	U	0.60	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	U	0.80	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	U	0.80	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	2.70	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1.00	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1.00	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	52.0		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	144000	8.206			
540-36-3	1,4-Difluorobenzene	274000	9.088			
3114-55-4	Chlorobenzene-d5	259000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087373.D**

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087373.D	5	07/21/25 12:51	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000109-66-0	Pentane	84.6	J		3.65	ug/L
000064-17-5	Ethanol	170	J		3.79	ug/L
000071-23-8	1-Propanol	330	J		6.72	ug/L
141-78-6	Ethyl Acetate	38.2	J		7.55	ug/L
014898-79-4	2-Butanol, (R)-	910	J		7.77	ug/L
000071-36-3	1-Butanol	69.6	J		9.26	ug/L
000066-25-1	Hexanal	170	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	5.50	J		13.2	ug/L
018829-55-5	2-Heptenal, (E)-	77.0	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	28.3	J		13.5	ug/L
000112-40-3	Dodecane	58.6	J		14.9	ug/L
000824-90-8	1-Phenyl-1-butene	42.5	J		15.0	ug/L
91-20-3	Naphthalene	8.20	J		15.6	ug/L
000629-50-5	Tridecane	75.2	J		15.8	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\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:06:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

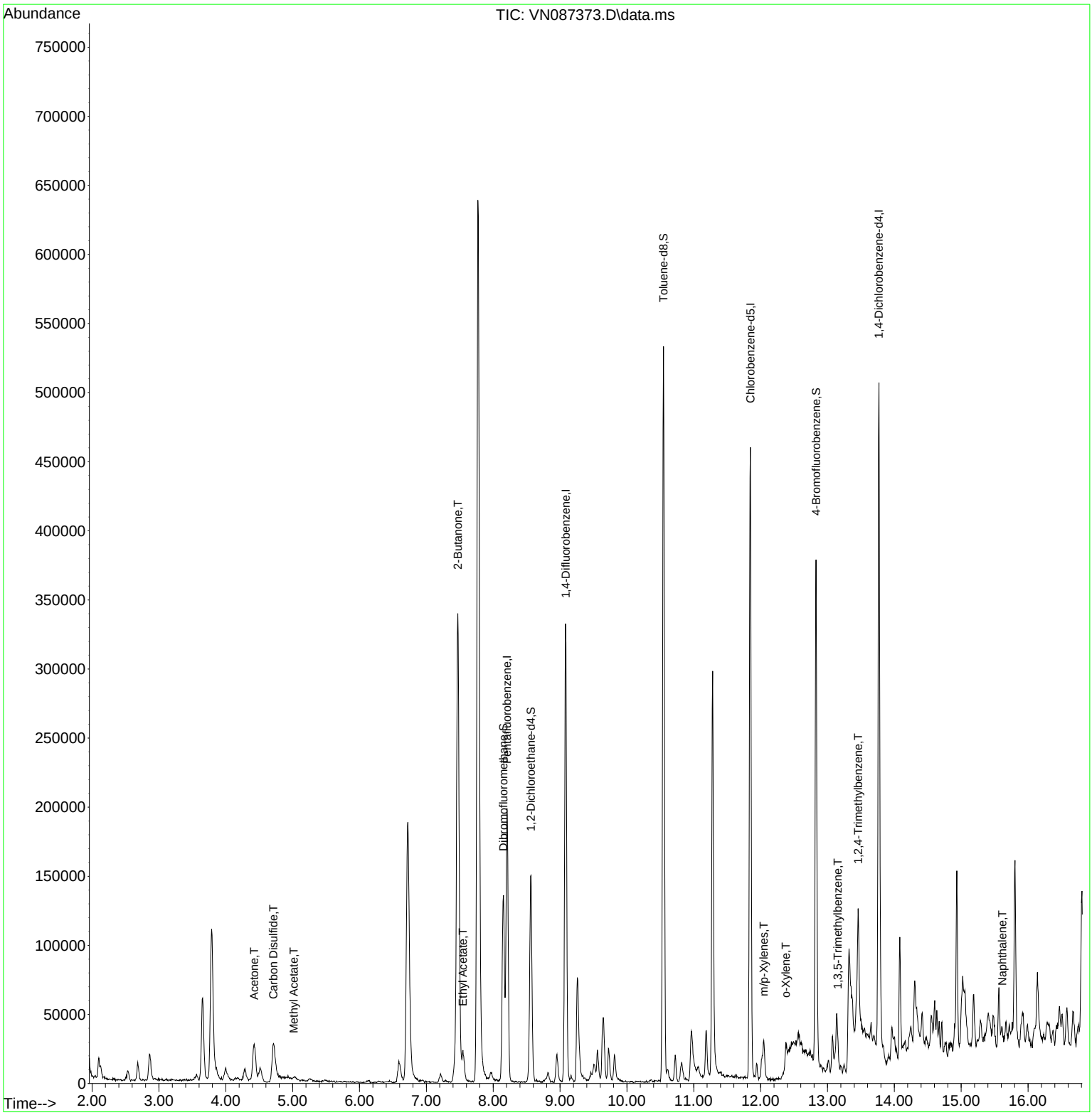
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	144360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	274202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	259490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	124607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	125765	51.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.153	113	97049	51.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.547	98	350875	52.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.829	95	122788	49.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.520%			
Target Compounds						Qvalue
16) Acetone	4.424	43	52887	46.049	ug/l #	86
17) Carbon Disulfide	4.712	76	8453	1.730	ug/l #	89
18) Methyl Acetate	5.018	43	4330	1.501	ug/l #	85
25) 2-Butanone	7.471	43	575216	324.151	ug/l	99
37) Ethyl Acetate	7.547	43	27593	7.645	ug/l #	94
68) m/p-Xylenes	12.047	106	6458	1.798	ug/l	94
69) o-Xylene	12.376	106	3635	1.060	ug/l	88
80) 1,3,5-Trimethylbenzene	13.153	105	7307	1.094	ug/l	93
84) 1,2,4-Trimethylbenzene	13.459	105	38577	5.653	ug/l	98
95) Naphthalene	15.617	128	12847	1.633	ug/l #	94

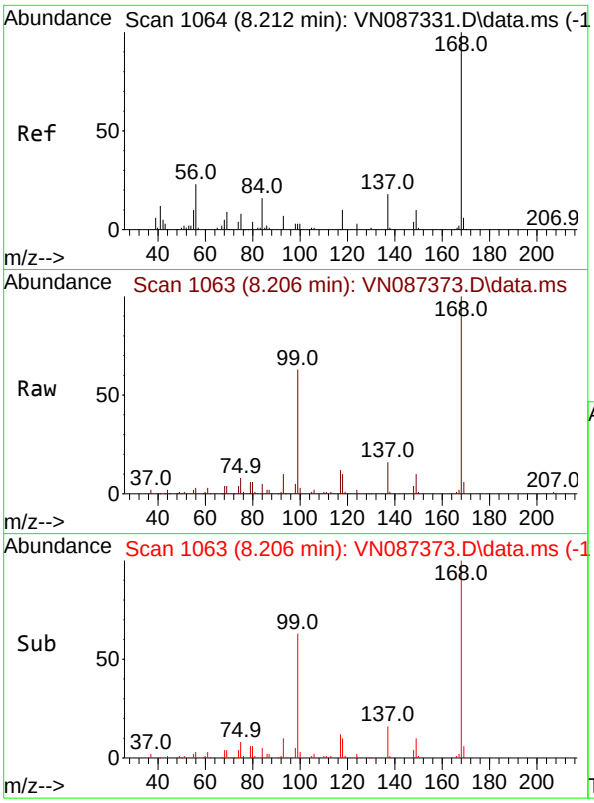
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:06:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



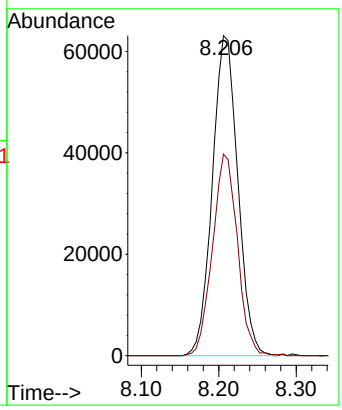


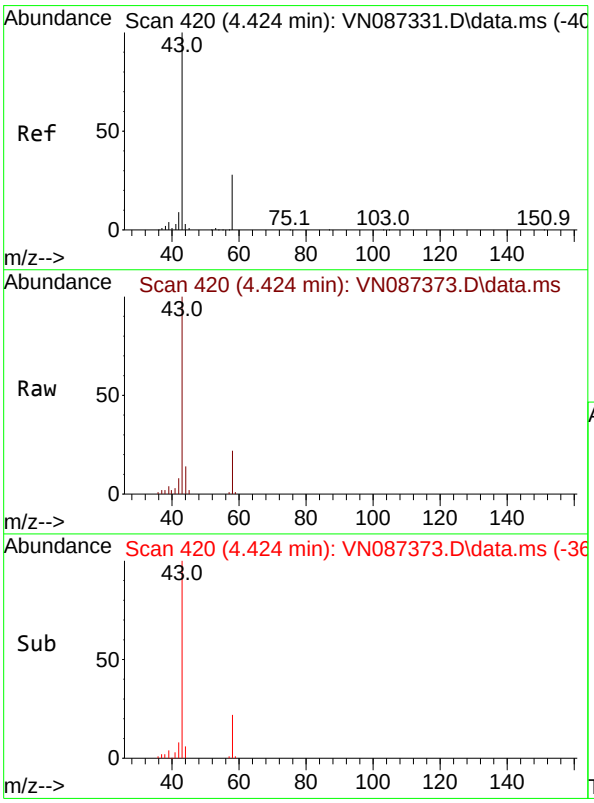
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:168 Resp: 144360

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9

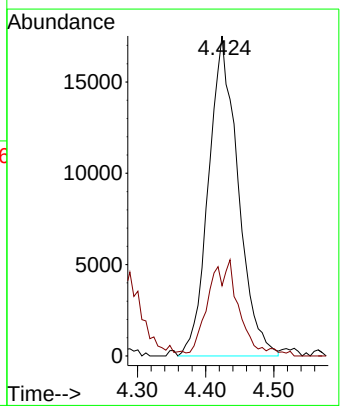


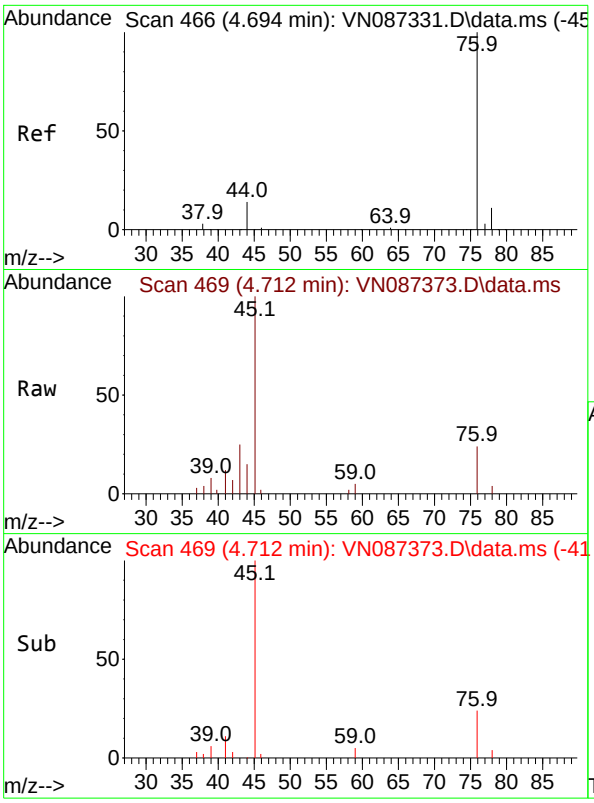


#16
Acetone
Concen: 46.049 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 43 Resp: 52887

Ion	Ratio	Lower	Upper
43	100		
58	20.8	22.3	33.5#



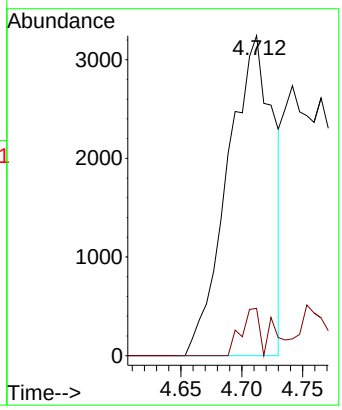


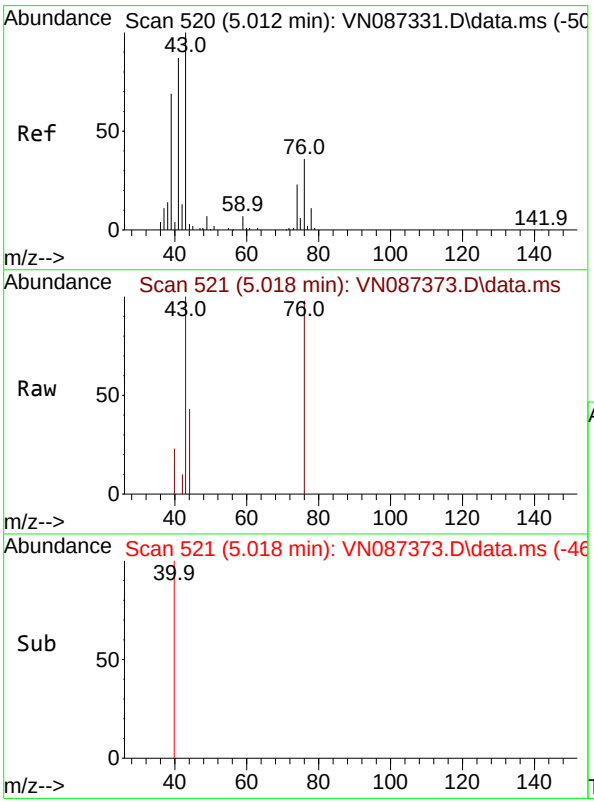
#17
Carbon Disulfide
Concen: 1.730 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 76 Resp: 8453

Ion	Ratio	Lower	Upper
76	100		
78	14.8	8.6	13.0#

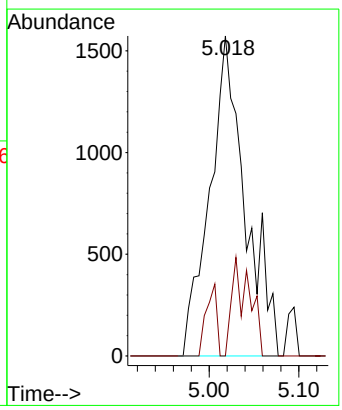


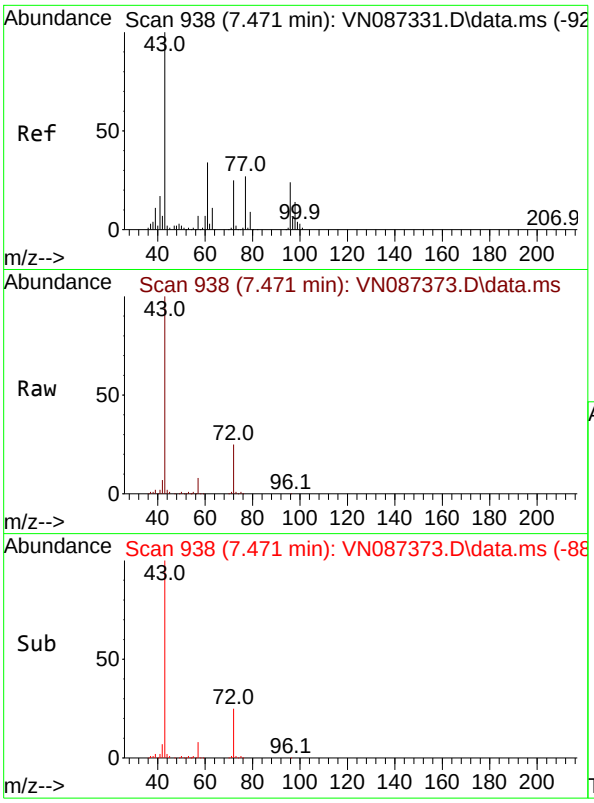


#18
Methyl Acetate
Concen: 1.501 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 43 Resp: 4330

Ion	Ratio	Lower	Upper
43	100		
74	15.2	17.8	26.6#



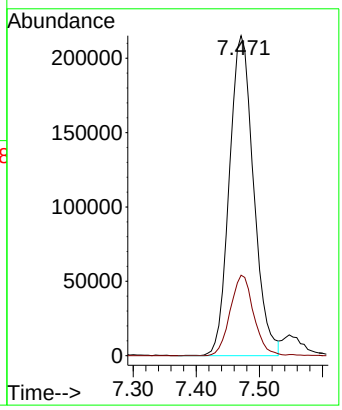


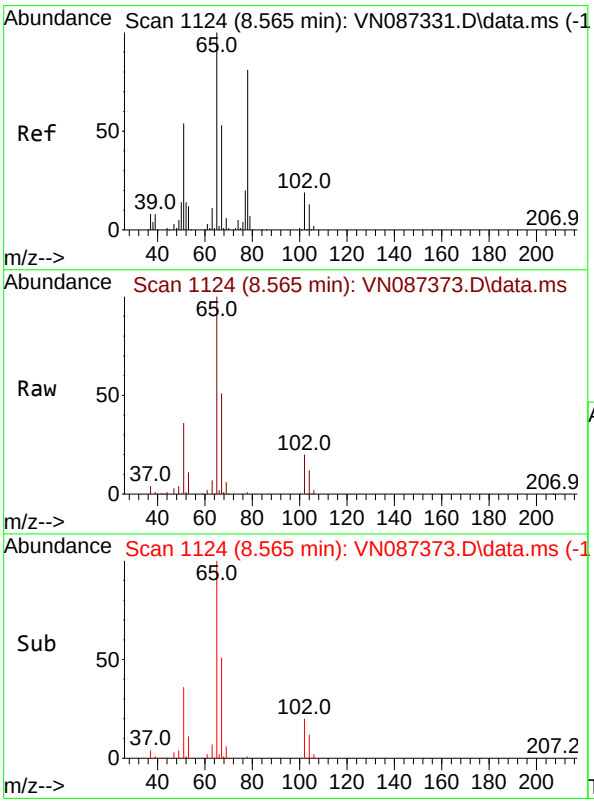
#25
2-Butanone
Concen: 324.151 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 575216

Ion	Ratio	Lower	Upper
43	100		
72	25.1	19.6	29.4

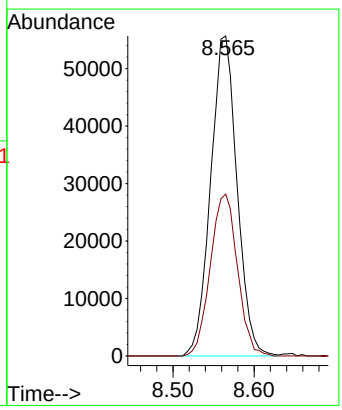


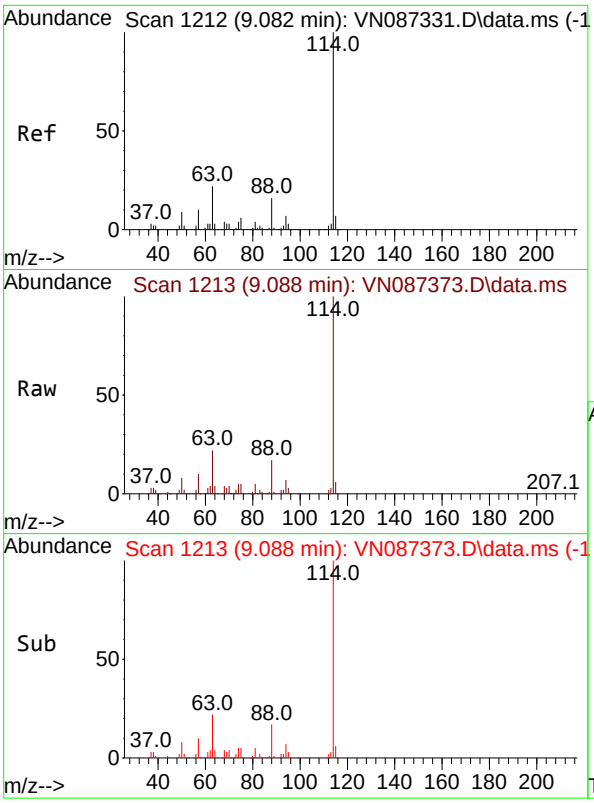


#33
1,2-Dichloroethane-d4
Concen: 51.344 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 65 Resp: 125765

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0



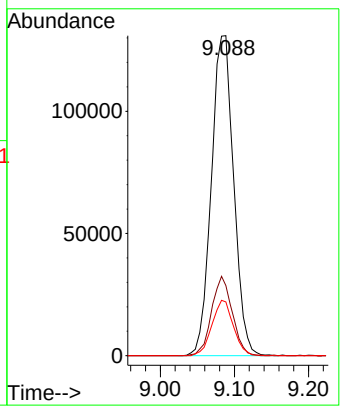


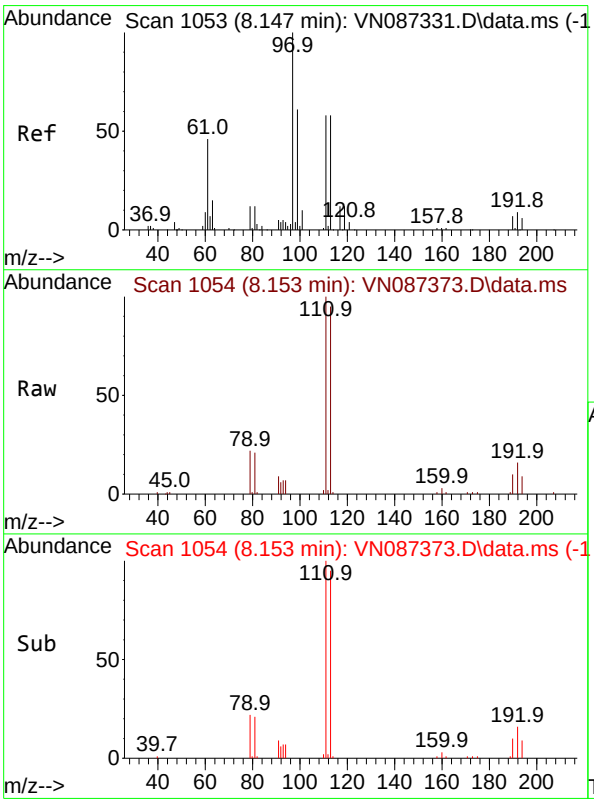
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:114 Resp: 274202

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.6
88	16.8	0.0	32.8

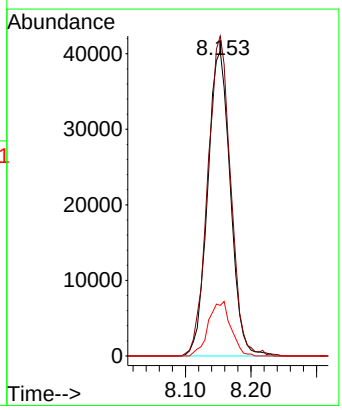


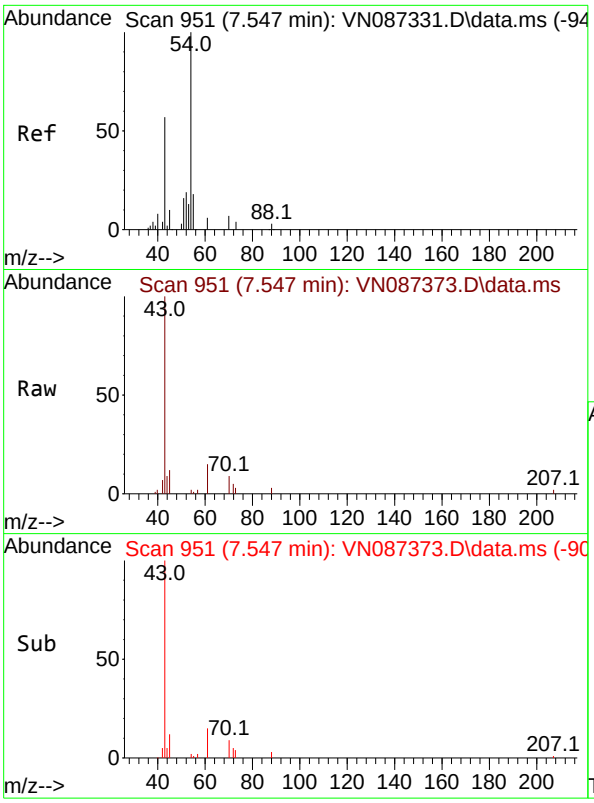


#35
Dibromofluoromethane
Concen: 51.309 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:113 Resp: 97049

Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.5	123.7
192	17.6	13.7	20.5



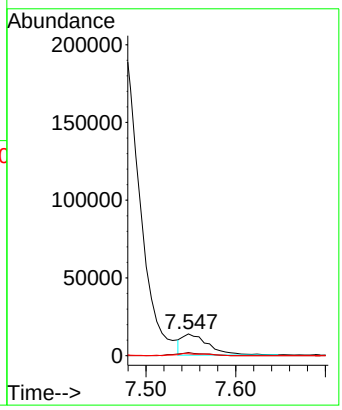


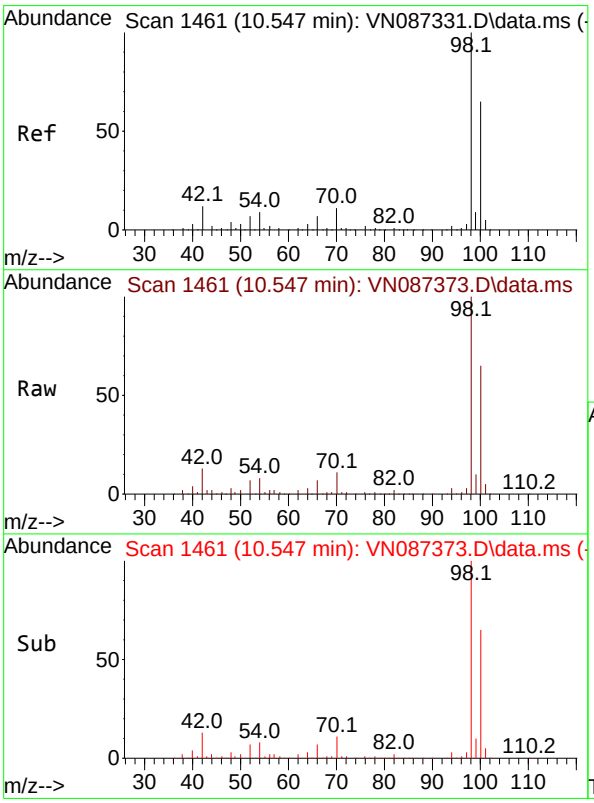
#37
Ethyl Acetate
Concen: 7.645 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 27593

Ion	Ratio	Lower	Upper
43	100		
61	15.8	10.9	16.3
70	11.4	7.4	11.0#

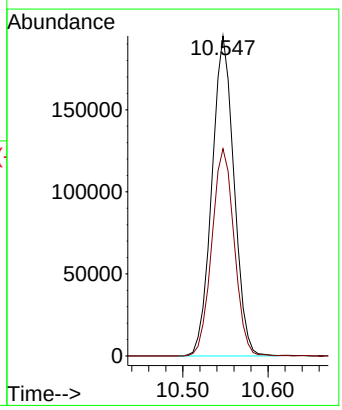


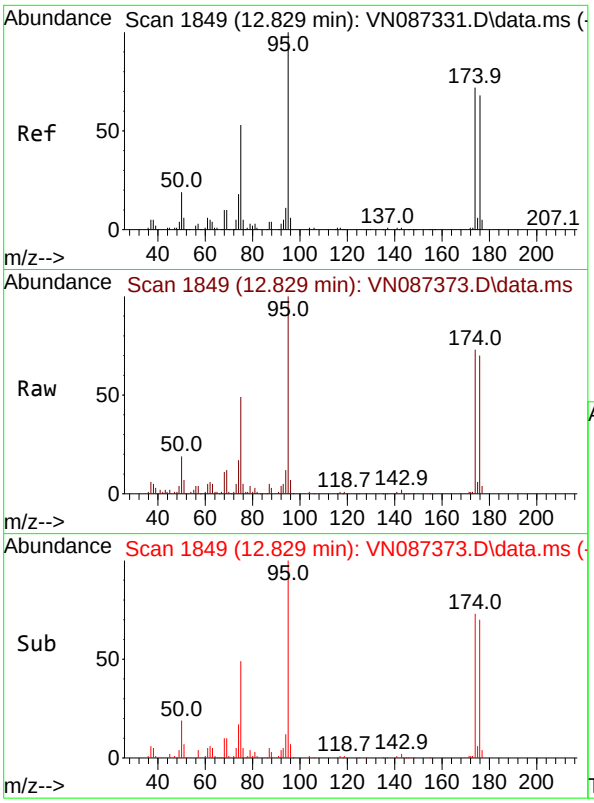


#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 98 Resp: 350875

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1



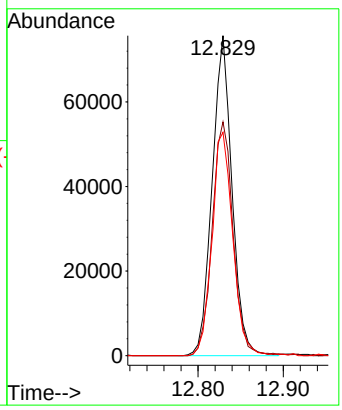


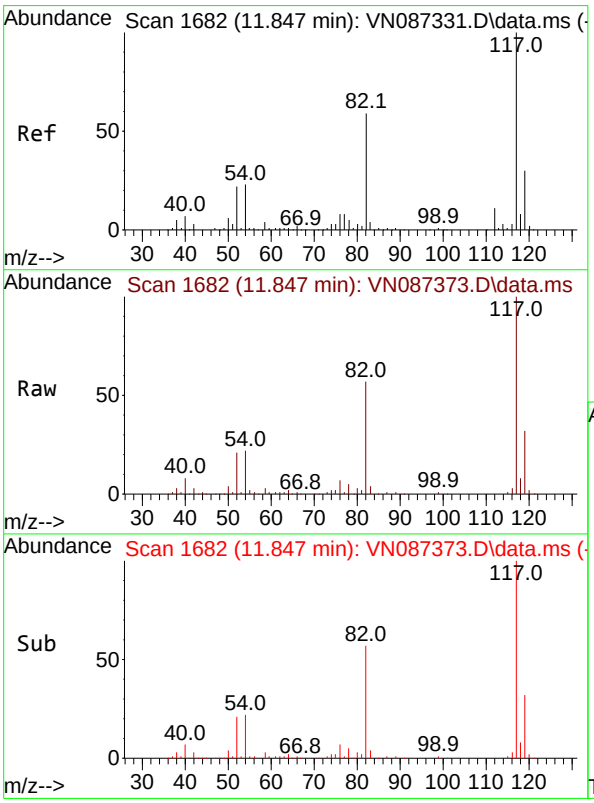
#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 95 Resp: 122788

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	149.4
176	73.5	0.0	141.2

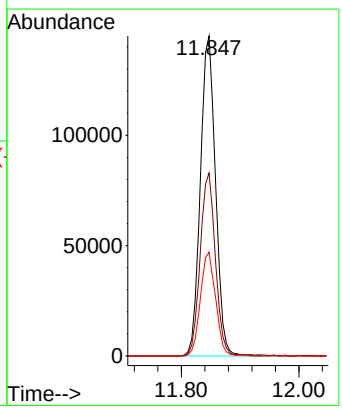


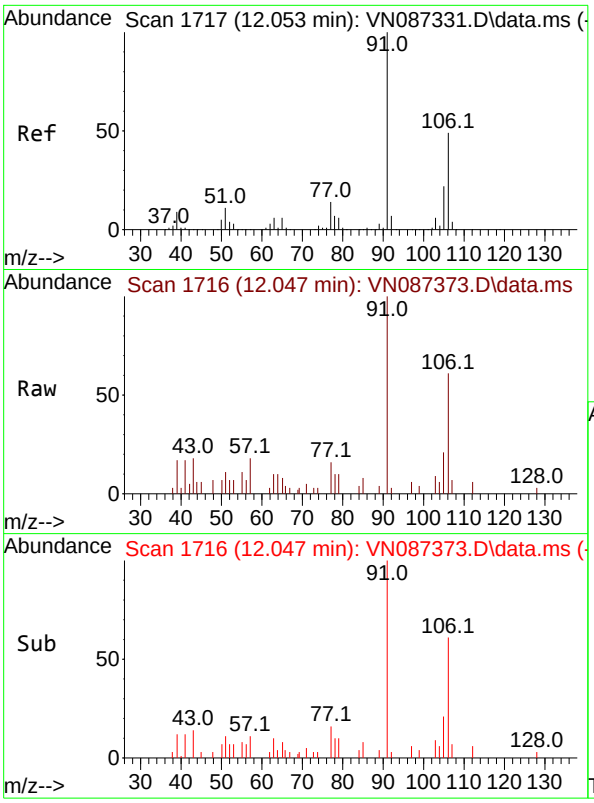


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:117 Resp: 259490

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	32.4	23.8	35.8



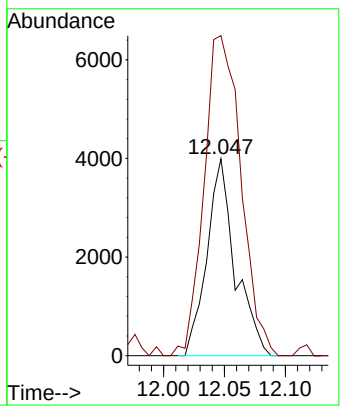


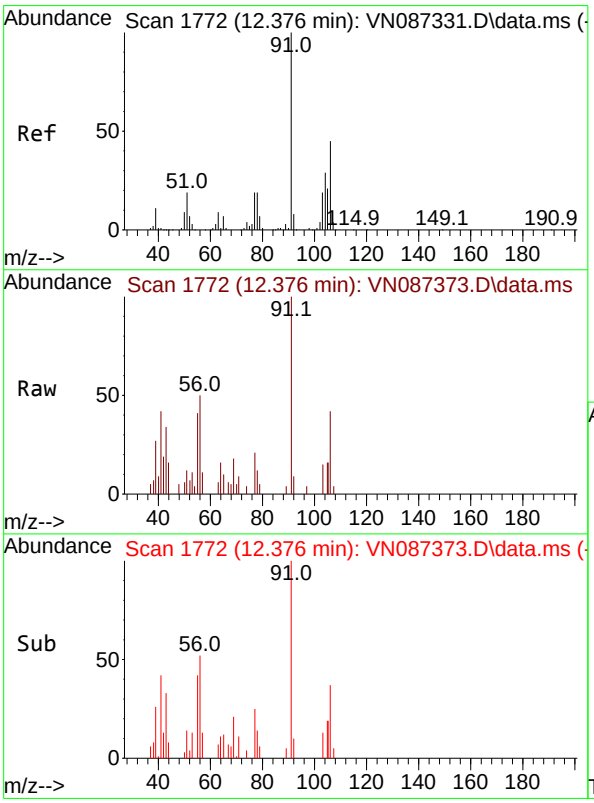
#68
m/p-Xylenes
Concen: 1.798 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:106 Resp: 6458

Ion	Ratio	Lower	Upper
106	100		
91	211.7	162.0	243.0

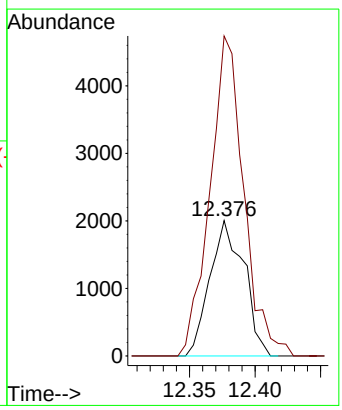


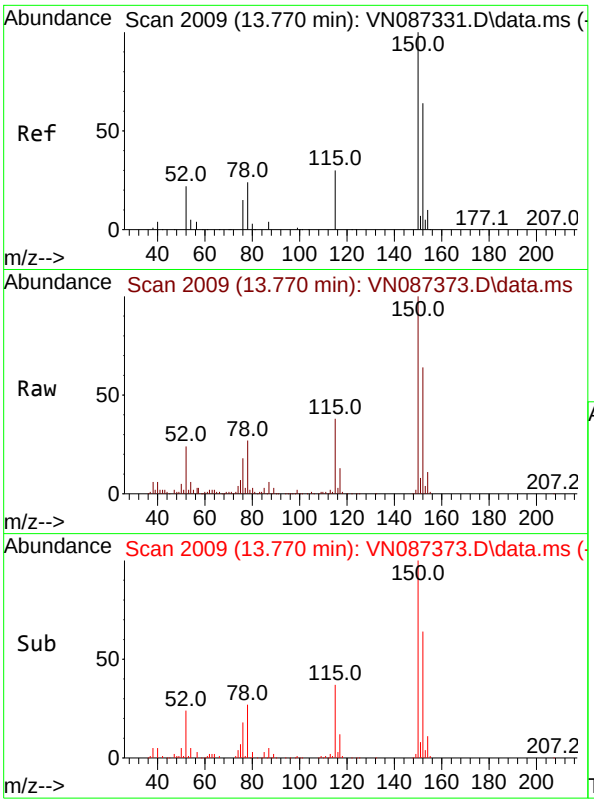


#69
o-Xylene
Concen: 1.060 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:106 Resp: 3635

Ion	Ratio	Lower	Upper
106	100		
91	233.9	107.7	323.3



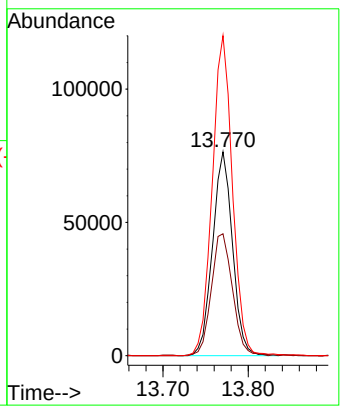


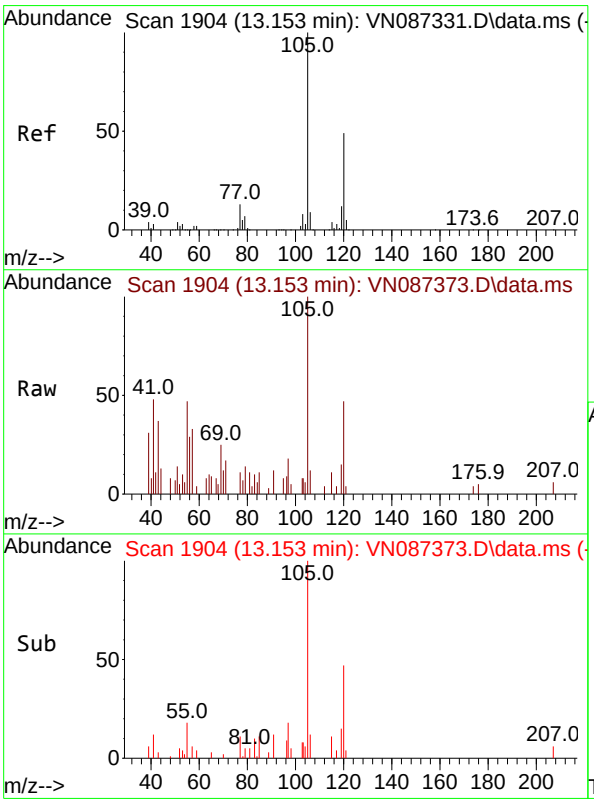
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:152 Resp: 124607

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.1	93.5
150	158.8	0.0	349.0

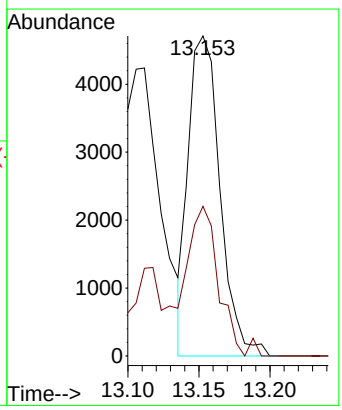


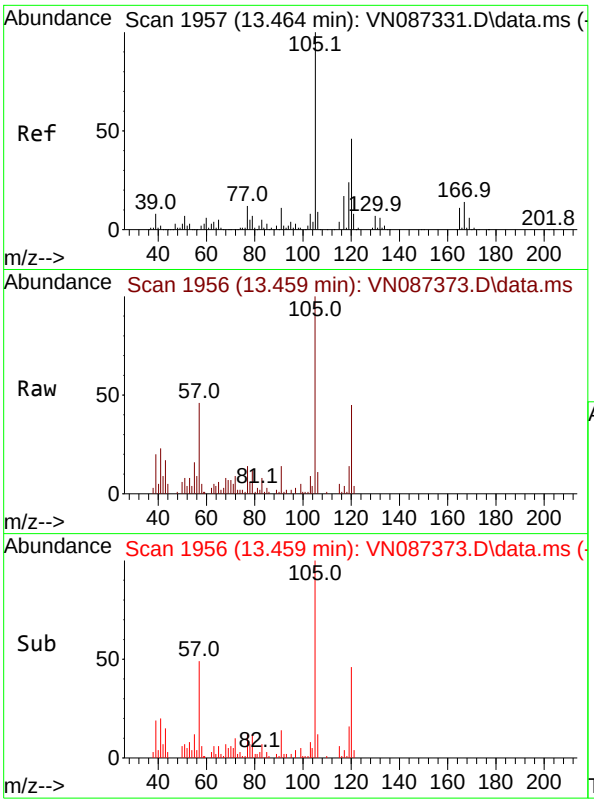


#80
1,3,5-Trimethylbenzene
Concen: 1.094 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:105 Resp: 7307

Ion	Ratio	Lower	Upper
105	100		
120	43.8	24.3	72.8



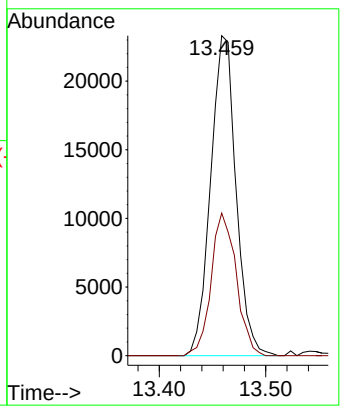


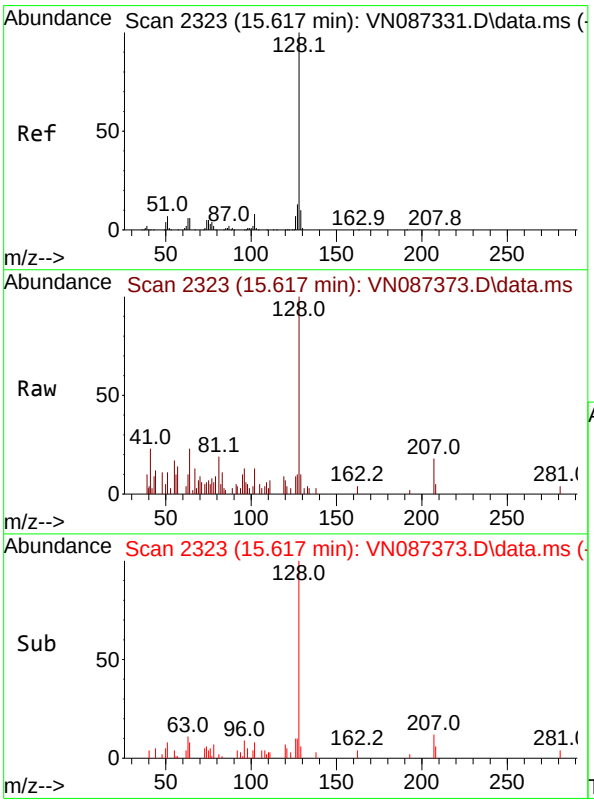
#84
1,2,4-Trimethylbenzene
Concen: 5.653 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:105 Resp: 38577

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.8	68.3

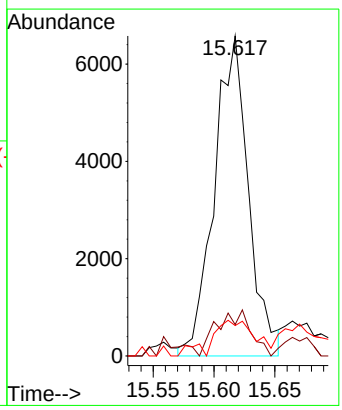




#95
Naphthalene
Concen: 1.633 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:128 Resp: 12847

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	14.2	8.4	12.6#



LSC Area Percent Report

Sample Results: **VN087373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.101	19	25	28	rBV2	14105	23887	1.44%	0.182%
2	2.683	117	124	134	rBV	13316	26566	1.61%	0.202%
3	2.859	147	154	164	rBV2	19082	47889	2.89%	0.364%
4	3.653	280	289	301	rBV	59507	153096	9.25%	1.164%
5	3.789	302	312	323	rBV	107651	310010	18.74%	2.357%
6	4.000	339	348	358	rBV5	8944	26221	1.58%	0.199%
7	4.289	390	397	406	rVB4	8399	22567	1.36%	0.172%
8	4.424	410	420	429	rVV2	26914	87940	5.31%	0.669%
9	4.512	429	435	449	rVB5	10433	32925	1.99%	0.250%
10	4.712	459	469	480	rBV2	27742	102192	6.18%	0.777%
11	6.589	779	788	799	rBV3	15389	47918	2.90%	0.364%
12	6.724	799	811	830	rVV	186736	599800	36.25%	4.560%
13	7.471	919	938	948	rBV	339494	950104	57.42%	7.222%
14	7.547	948	951	963	rVB	22435	50589	3.06%	0.385%
15	7.771	978	989	1005	rBV	638354	1654652	100.00%	12.578%
16	8.153	1044	1054	1058	rBV2	134146	322564	19.49%	2.452%
17	8.206	1058	1063	1077	rVB	197894	452389	27.34%	3.439%
18	8.565	1110	1124	1134	rBV	149800	360303	21.78%	2.739%
19	8.818	1158	1167	1174	rVB5	7170	19397	1.17%	0.147%
20	8.953	1183	1190	1199	rBV4	20454	46968	2.84%	0.357%
21	9.082	1203	1212	1222	rBV	331630	687726	41.56%	5.228%
22	9.259	1235	1242	1254	rBV3	75129	191421	11.57%	1.455%
23	9.506	1279	1284	1289	rVV4	11583	29167	1.76%	0.222%
24	9.559	1289	1293	1300	rVV	21787	42075	2.54%	0.320%
25	9.647	1300	1308	1316	rVV5	45294	113558	6.86%	0.863%
26	9.724	1316	1321	1331	rVB2	22821	45214	2.73%	0.344%
27	9.812	1331	1336	1346	rBV	18197	37848	2.29%	0.288%
28	10.547	1453	1461	1468	rBV	531867	973527	58.84%	7.401%
29	10.724	1483	1491	1499	rVB4	19336	34090	2.06%	0.259%
30	10.818	1499	1507	1514	rBV8	13750	35451	2.14%	0.269%
31	10.965	1524	1532	1545	rBV3	36215	119181	7.20%	0.906%
32	11.188	1561	1570	1579	rBV3	33898	69319	4.19%	0.527%
33	11.282	1579	1586	1602	rVV	292544	542496	32.79%	4.124%
34	11.847	1674	1682	1691	rBV	456602	819883	49.55%	6.233%
35	11.941	1694	1698	1703	rVB2	11668	17888	1.08%	0.136%
36	12.047	1703	1716	1724	rBV5	28480	82327	4.98%	0.626%

Sample Results: **VN087373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

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\82N071625W.M
Title : SW846 8260

37	12.376	1760	1772	1773	rBV5	26707	43388	2.62%	0.330%
38	12.829	1842	1849	1859	rVB	367304	628903	38.01%	4.781%
39	13.076	1885	1891	1895	rBV	26155	48795	2.95%	0.371%
40	13.141	1895	1902	1910	rVB4	40286	91085	5.50%	0.692%
41	13.323	1925	1933	1939	rBV6	89387	256110	15.48%	1.947%
42	13.459	1948	1956	1965	rBV3	88044	191070	11.55%	1.452%
43	13.770	2002	2009	2018	rVB	480561	832331	50.30%	6.327%
44	13.965	2037	2042	2046	rBV4	23265	48829	2.95%	0.371%
45	14.082	2057	2062	2067	rBV2	87913	140817	8.51%	1.070%
46	14.247	2083	2090	2095	rBV7	16345	43563	2.63%	0.331%
47	14.306	2095	2100	2104	rBV5	43898	91727	5.54%	0.697%
48	14.417	2116	2119	2126	rVB3	22868	36234	2.19%	0.275%
49	14.553	2138	2142	2146	rBV6	19687	37201	2.25%	0.283%
50	14.606	2147	2151	2154	rVV3	30868	47643	2.88%	0.362%
51	14.635	2154	2156	2159	rVV3	23960	27029	1.63%	0.205%
52	14.670	2160	2162	2165	rVB2	18599	16741	1.01%	0.127%
53	14.712	2165	2169	2173	rVB6	21675	27745	1.68%	0.211%
54	14.900	2196	2201	2202	rBV3	20011	21062	1.27%	0.160%
55	14.935	2202	2207	2213	rVB2	126933	194907	11.78%	1.482%
56	15.023	2215	2222	2227	rBV6	48816	141552	8.55%	1.076%
57	15.188	2244	2250	2256	rVB2	37481	70630	4.27%	0.537%
58	15.288	2263	2267	2274	rVB8	15165	28766	1.74%	0.219%
59	15.476	2297	2299	2307	rVB7	22528	46058	2.78%	0.350%
60	15.564	2309	2314	2318	rBV3	42550	71377	4.31%	0.543%
61	15.670	2329	2332	2337	rVB6	12309	17400	1.05%	0.132%
62	15.806	2349	2355	2366	rVB	135344	250431	15.13%	1.904%
63	15.917	2366	2374	2381	rBV9	25208	76469	4.62%	0.581%
64	16.100	2399	2405	2406	rBV4	14352	28090	1.70%	0.214%
65	16.141	2407	2412	2422	rVB8	50113	111729	6.75%	0.849%
66	16.288	2432	2437	2440	rBV7	12136	25816	1.56%	0.196%
67	16.376	2447	2452	2456	rVB7	11109	20805	1.26%	0.158%
68	16.429	2456	2461	2462	rBV5	14637	23152	1.40%	0.176%
69	16.470	2464	2468	2472	rVV7	25855	51101	3.09%	0.388%
70	16.511	2472	2475	2480	rVB7	22335	38626	2.33%	0.294%
71	16.582	2482	2487	2497	rVB6	27321	53048	3.21%	0.403%
72	16.670	2497	2502	2510	rVB7	25857	62111	3.75%	0.472%
73	16.758	2510	2517	2518	rBV7	16366	33305	2.01%	0.253%

Sum of corrected areas: 13154794

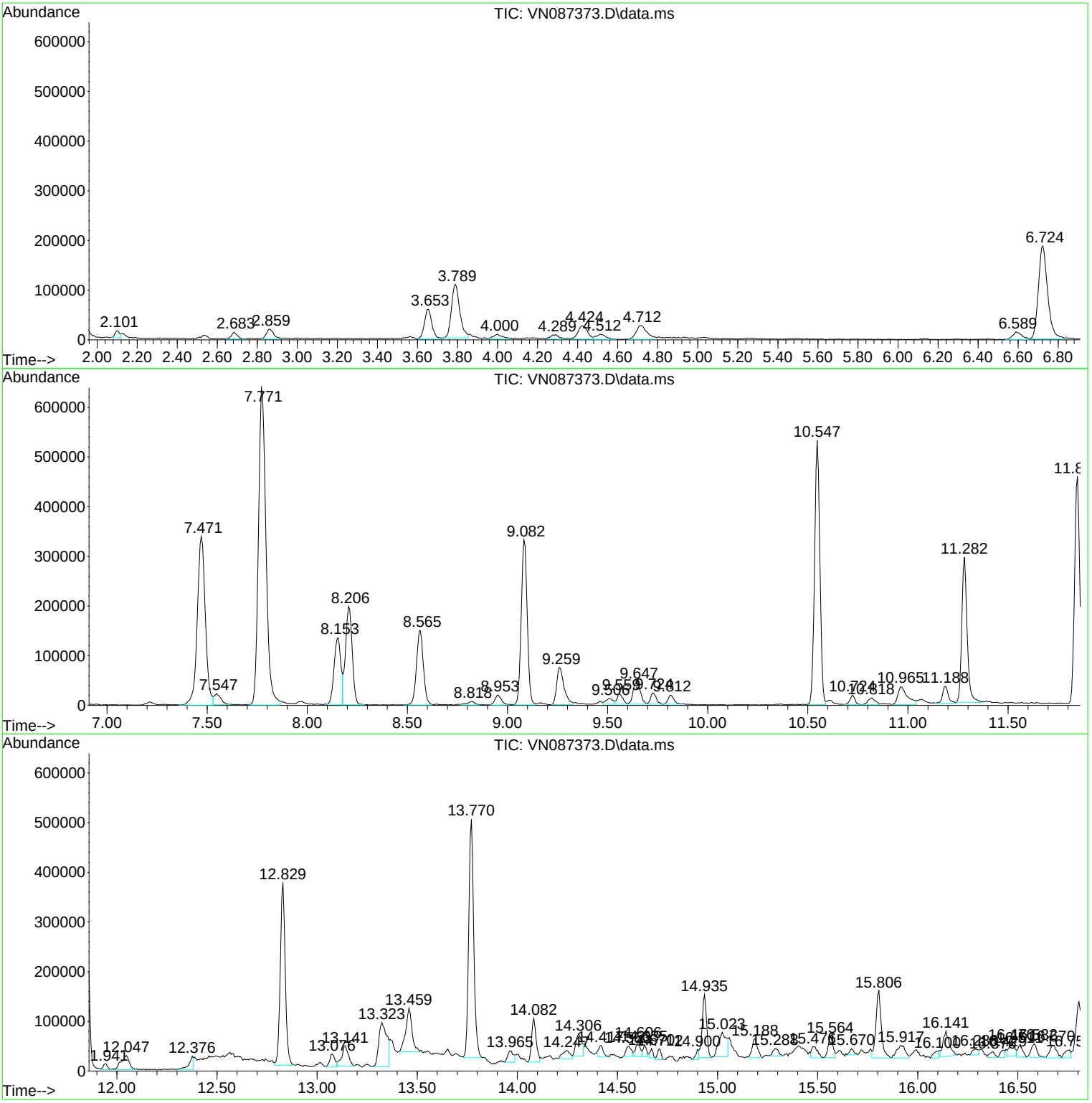
Sample Results: **VN087373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Sample Results: **VN087373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

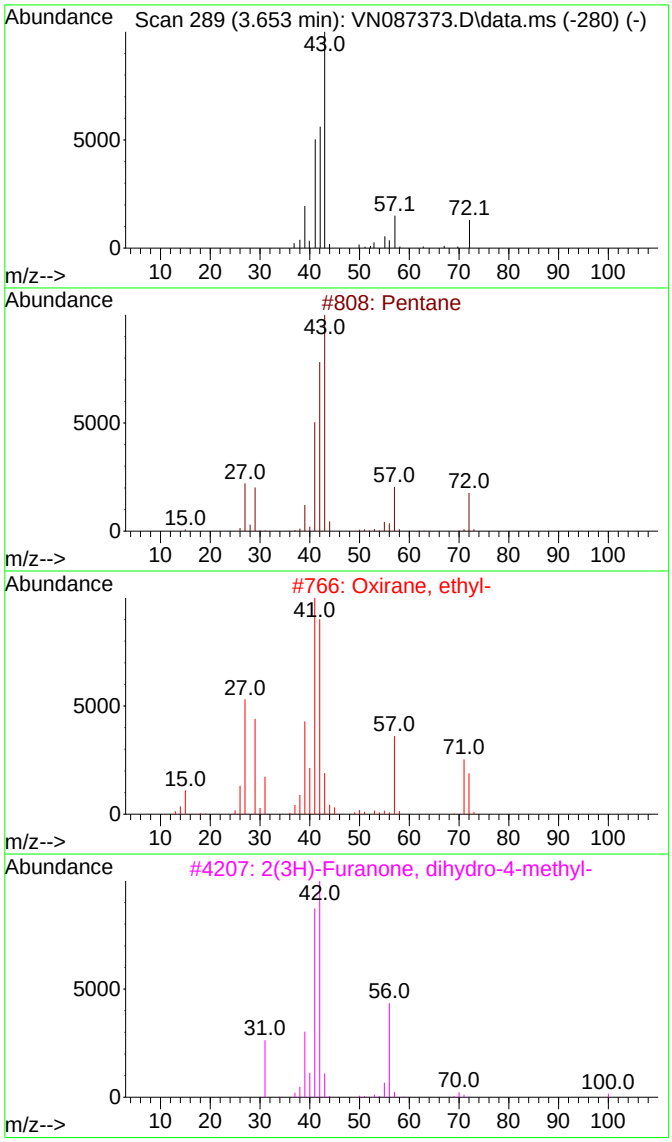
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

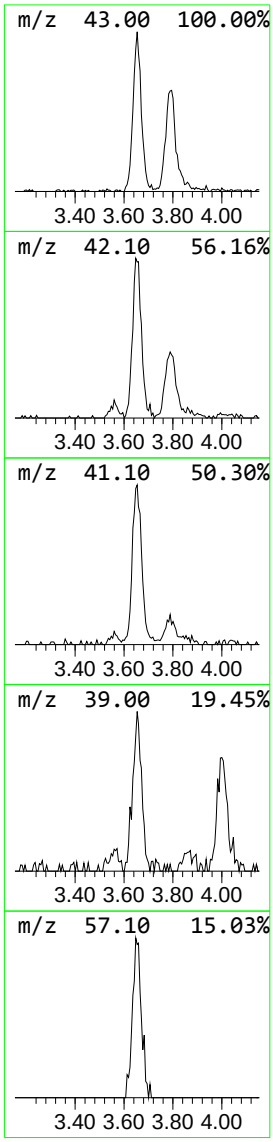
****

Peak Number 1 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.653	16.92 ug/l	153096	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	28
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





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Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

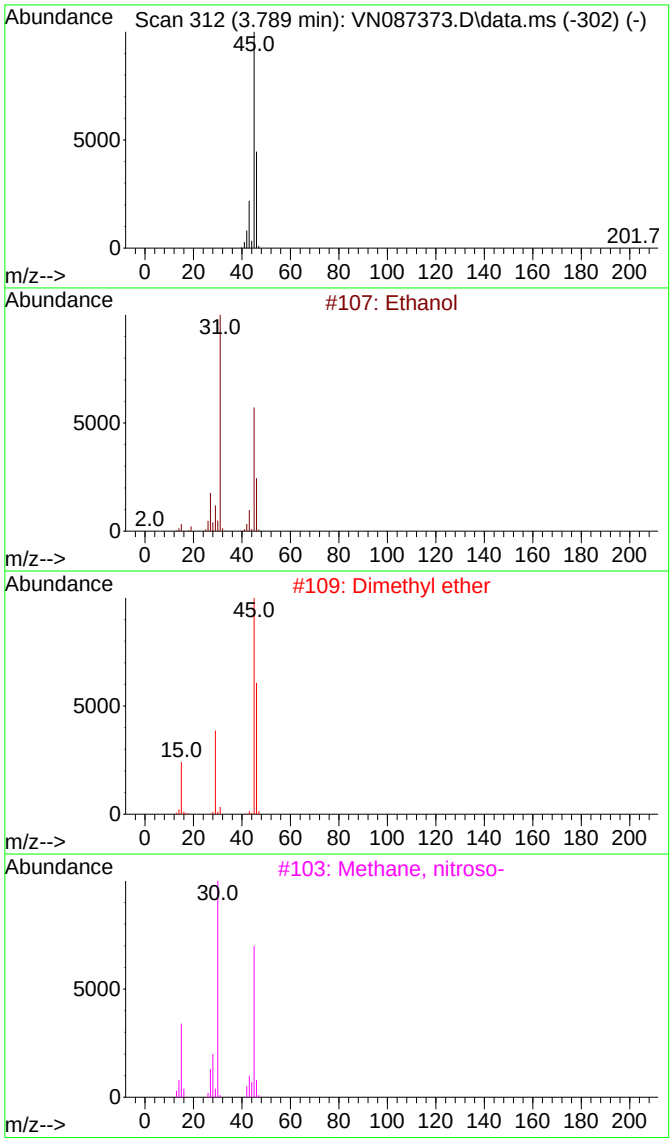
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

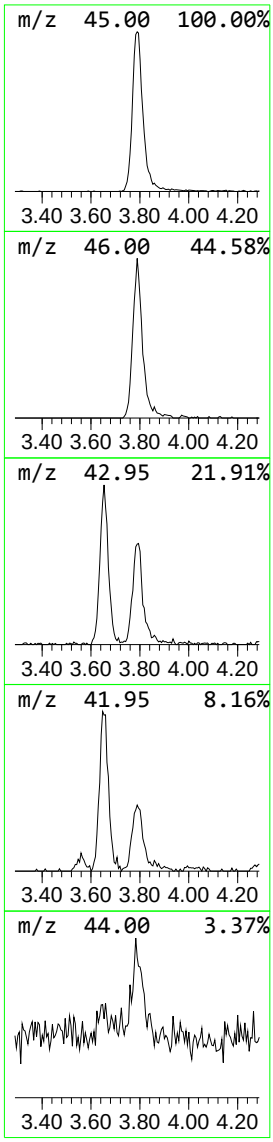
****

Peak Number 2 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	34.26 ug/l	310010	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





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Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

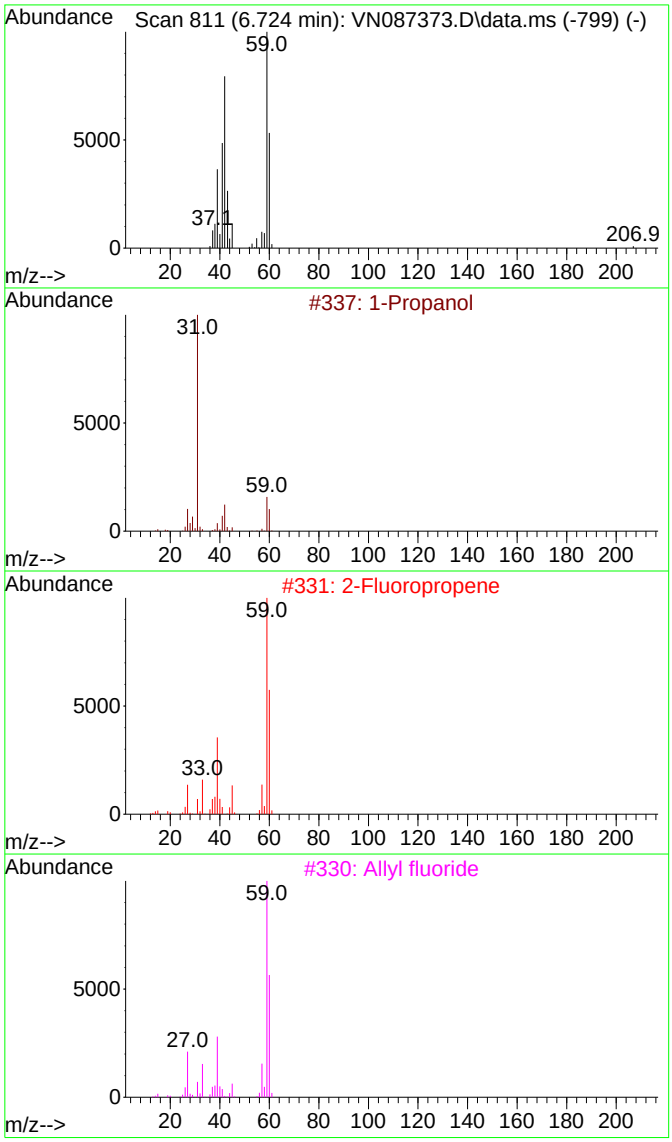
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

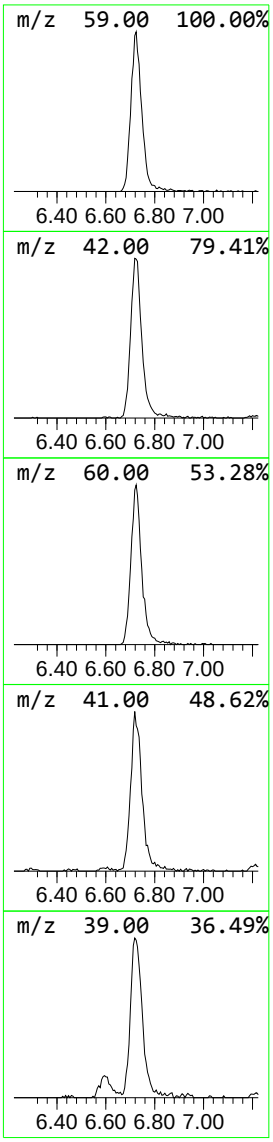
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.724	66.29 ug/l	599800	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	78
2	2-Fluoropropene	60	C3H5F	001184-60-7	49
3	Allyl fluoride	60	C3H5F	000818-92-8	43
4	Isoxazolidine, 4-ethyl-2,5-dimet...	129	C7H15NO	056728-13-3	28
5	Isoxazolidine, 5-ethyl-2,4-dimet...	129	C7H15NO	056728-14-4	23





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Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

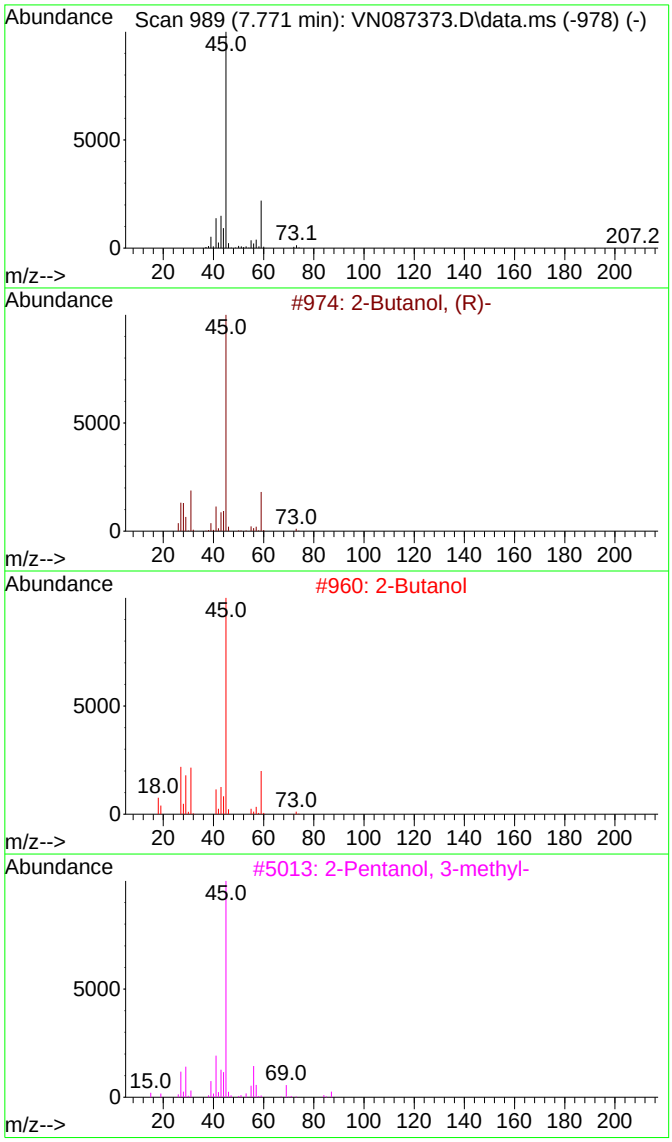
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

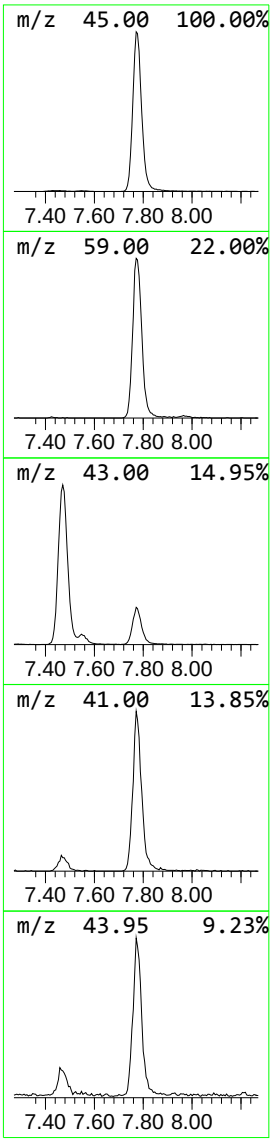
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butanol, (R)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.771	182.88 ug/l	1654650	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, (R)-	74	C4H10O	014898-79-4	83
2	2-Butanol	74	C4H10O	000078-92-2	83
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	59
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	42
5	2-Hexanol	102	C6H14O	000626-93-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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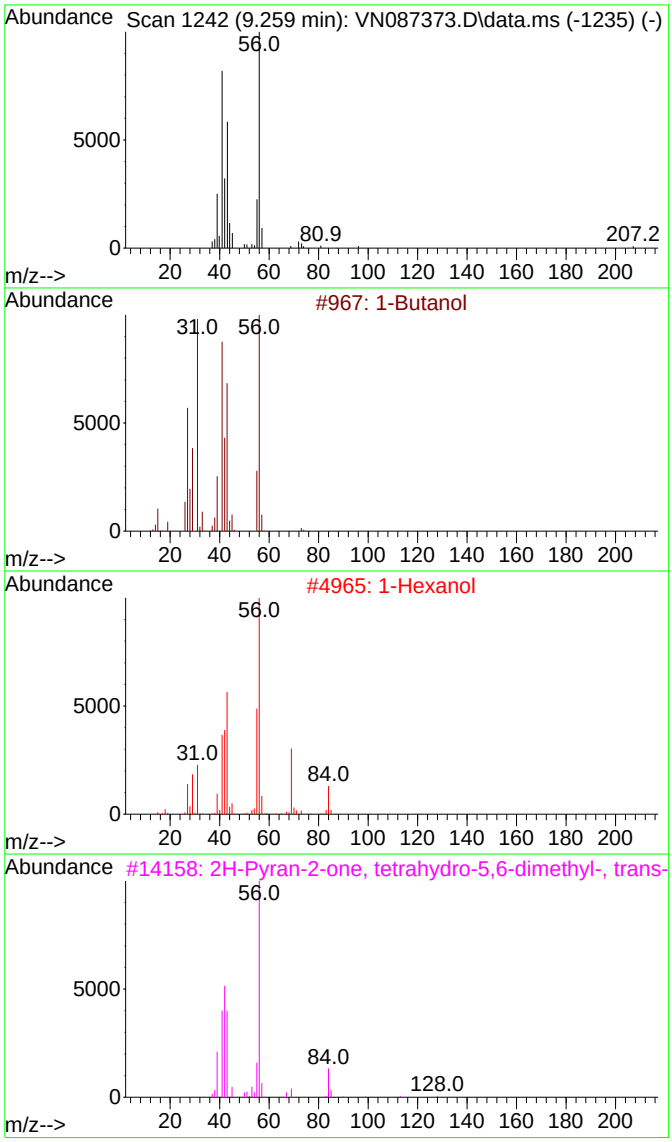
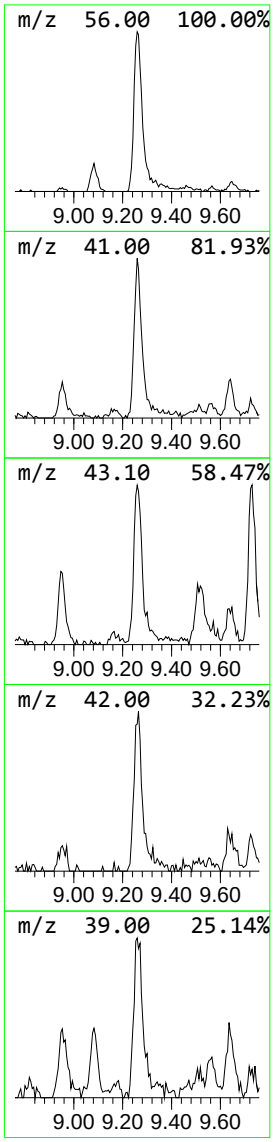
Peak Number 5 1-Butanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.259	13.92 ug/l	191421	1,4-Difluorobenzene	9.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	90
2	1-Hexanol	102	C6H14O	000111-27-3	38
3	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	36
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	36
5	Cyclobutane	56	C4H8	000287-23-0	9





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Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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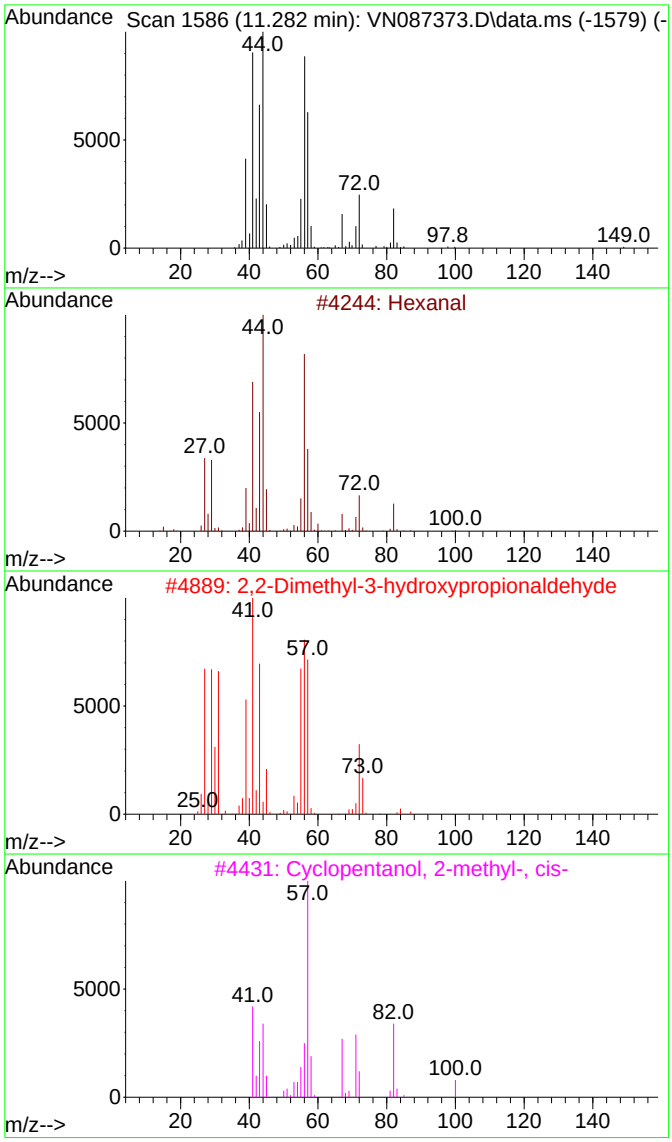
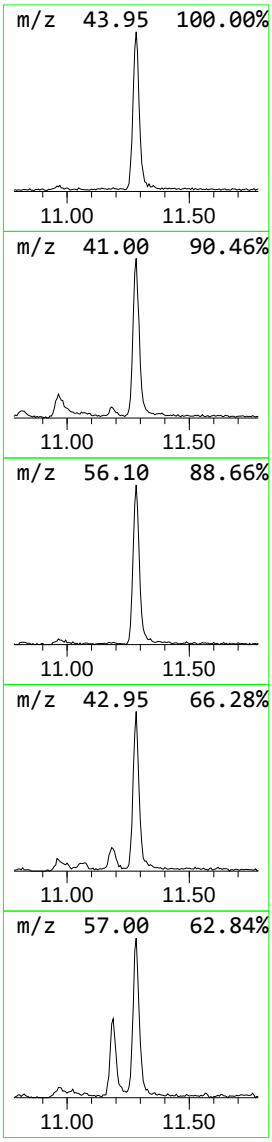
Peak Number 6 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	33.08 ug/l	542496	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	81
2	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37
3	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	35
4	Urea, trimethyl-	102	C4H10N2O	000632-14-4	25
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	22





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Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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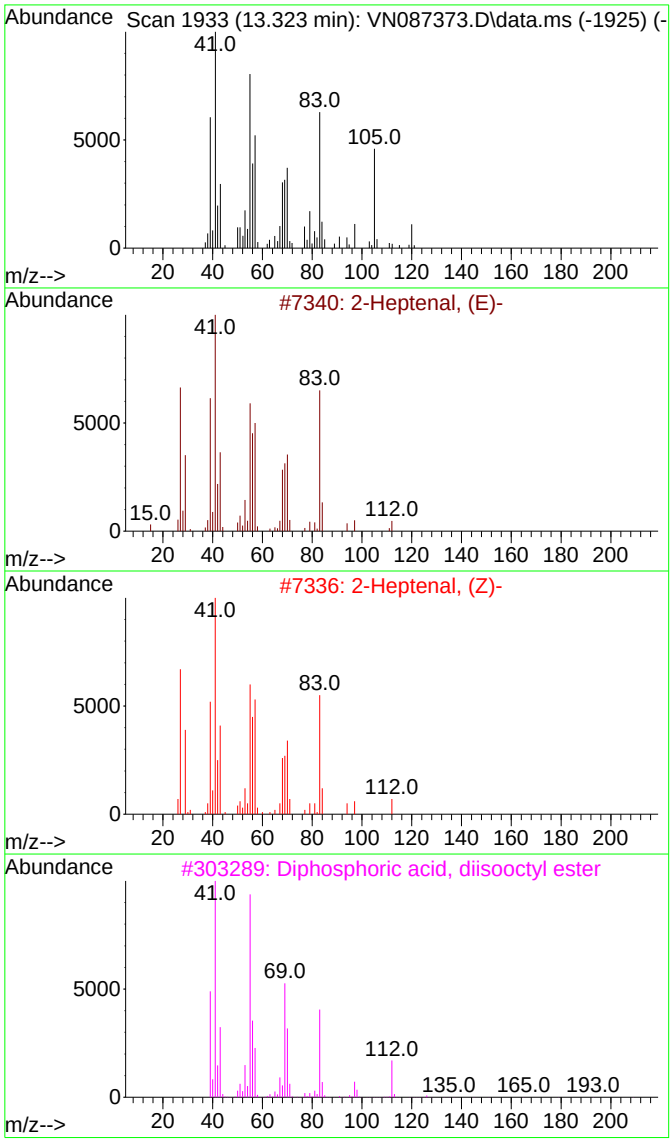
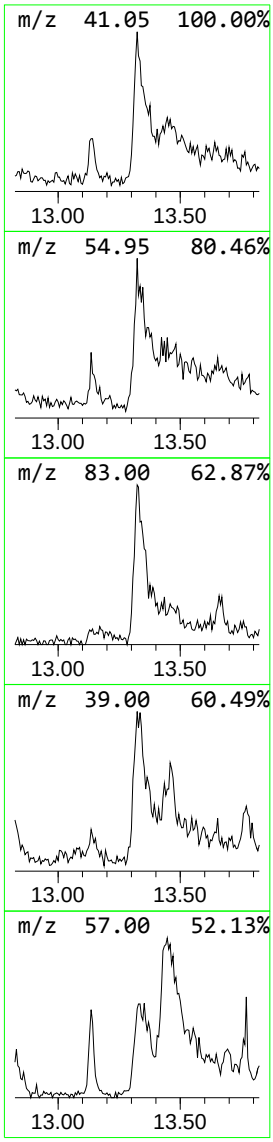
Peak Number 7 2-Heptenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	15.39 ug/l	256110	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-	112	C7H12O	018829-55-5	86
2	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	78
3	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	64
4	4-Pentenal	84	C5H8O	002100-17-6	49
5	2-Pentyn-1-ol	84	C5H8O	006261-22-9	46





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Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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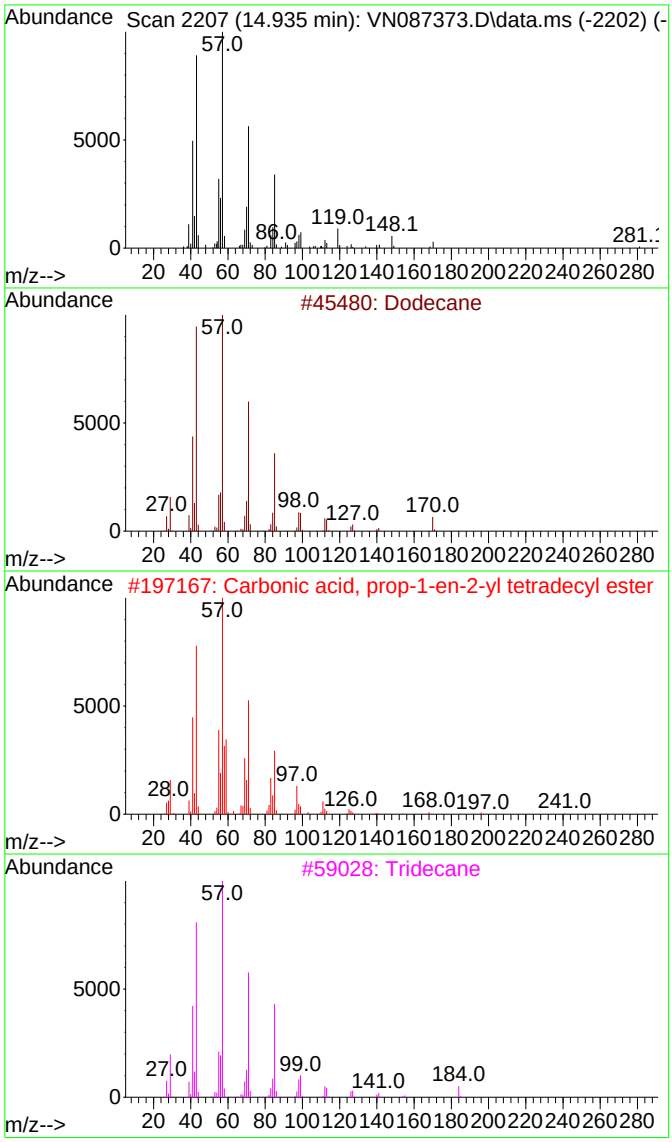
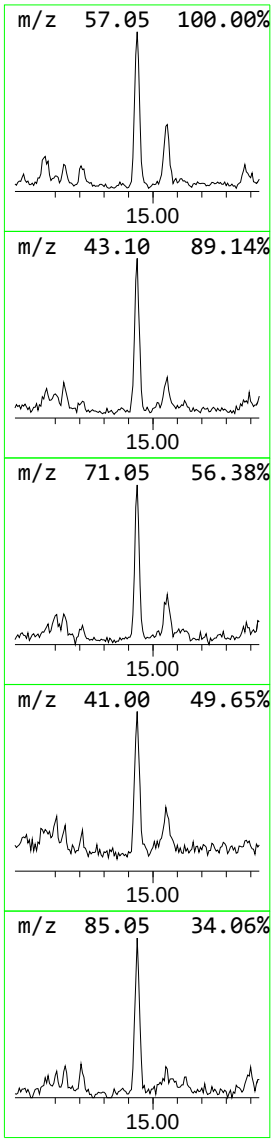
Peak Number 8 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.935	11.71 ug/l	194907	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59





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Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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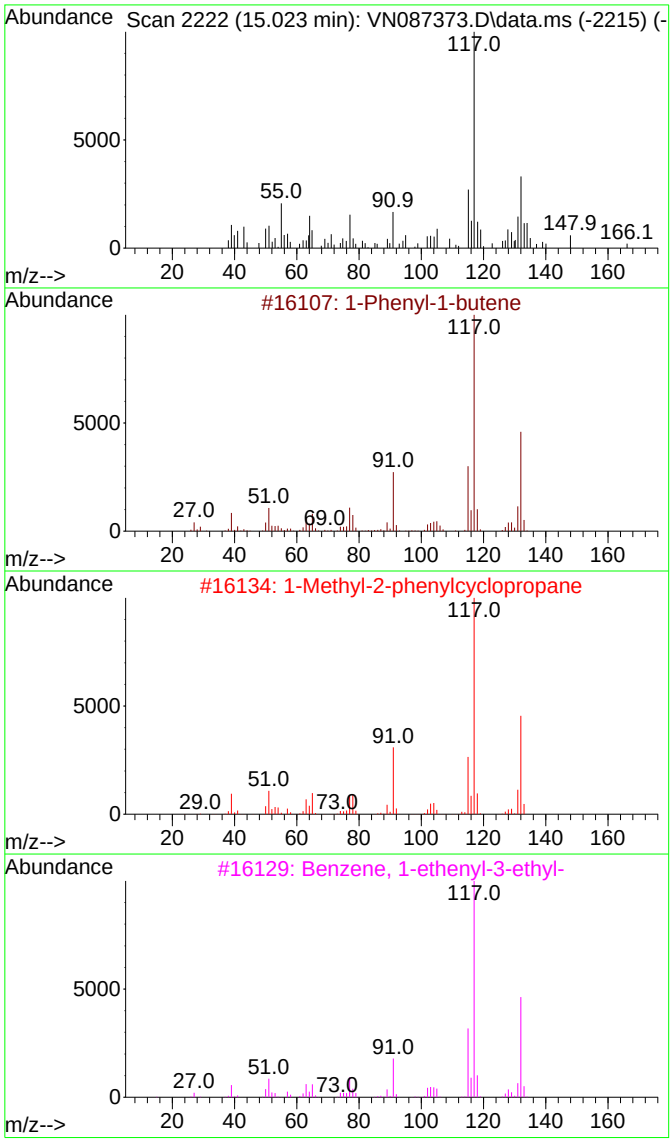
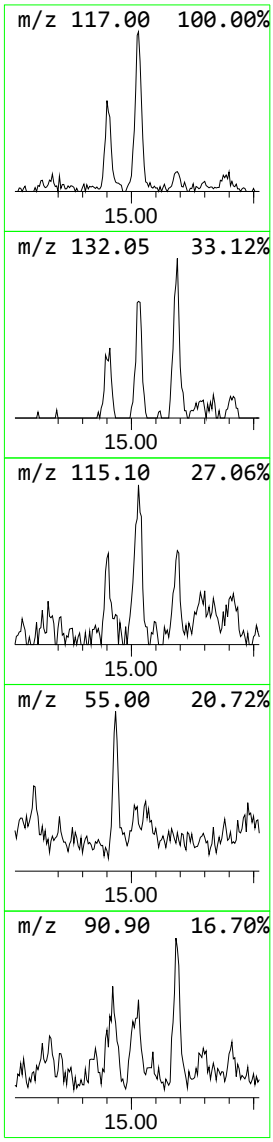
Peak Number 9 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	8.50 ug/l	141552	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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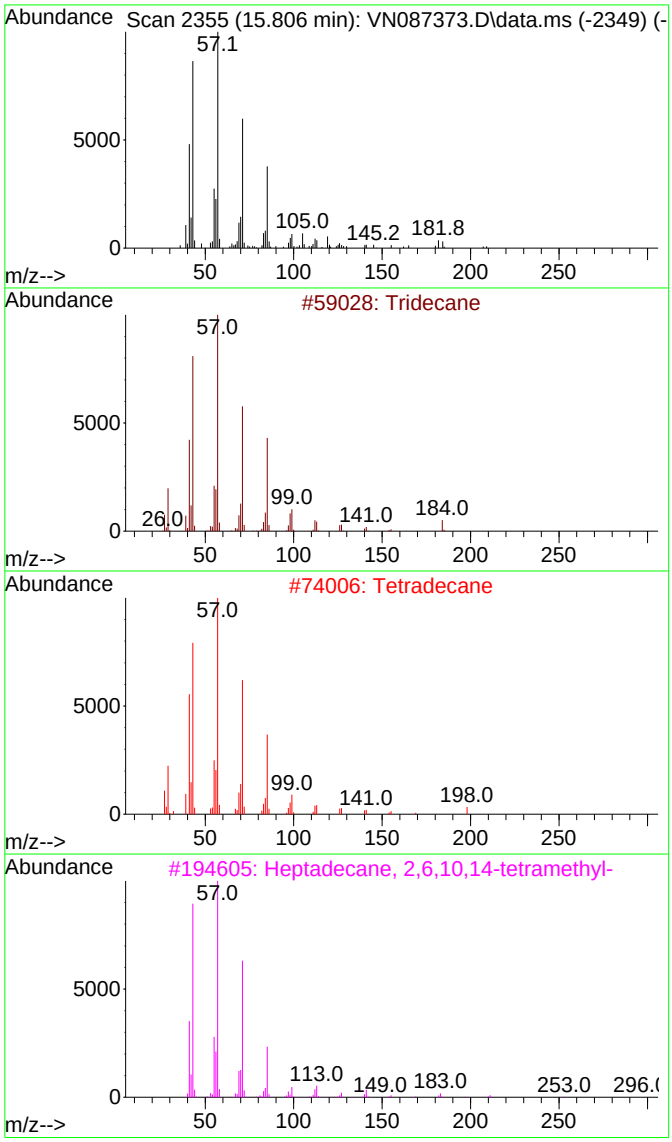
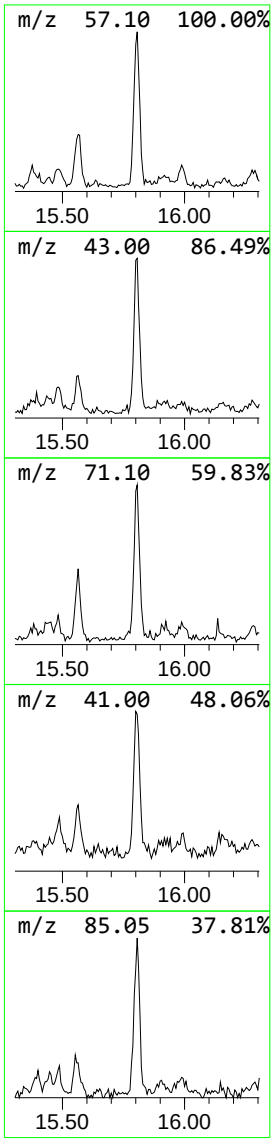
Peak Number 10 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.806	15.04 ug/l	250431	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	72
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4	Dodecane	170	C12H26	000112-40-3	64
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





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Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane	3.653	16.9	ug/l	153096	1	8.206	452389	50.0
Ethanol	3.789	34.3	ug/l	310010	1	8.206	452389	50.0
1-Propanol	6.724	66.3	ug/l	599800	1	8.206	452389	50.0
2-Butanol, (R)-	7.771	182.9	ug/l	1654650	1	8.206	452389	50.0
1-Butanol	9.259	13.9	ug/l	191421	2	9.088	687726	50.0
Hexanal	11.282	33.1	ug/l	542496	3	11.847	819883	50.0
2-Heptenal, (E)-	13.323	15.4	ug/l	256110	4	13.770	832331	50.0
Dodecane	14.935	11.7	ug/l	194907	4	13.770	832331	50.0
1-Phenyl-1-butene	15.023	8.5	ug/l	141552	4	13.770	832331	50.0
Tridecane	15.806	15.0	ug/l	250431	4	13.770	832331	50.0

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2646

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

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

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.443	0.443	0.623	0.606	0.625	0.531	18
Chloromethane	0.714	0.659	0.588	0.690	0.659	0.698	0.668	6.7
Vinyl Chloride	0.554	0.665	0.623	0.728	0.692	0.720	0.664	9.9
Bromomethane		0.328	0.308	0.355	0.356	0.370	0.344	7.2
Chloroethane	0.396	0.485	0.431	0.441	0.415	0.429	0.433	7
Trichlorofluoromethane	0.959	0.975	0.963	1.025	0.960	1.007	0.981	2.8
1,1,2-Trichlorotrifluoroethane	0.463	0.495	0.539	0.525	0.491	0.509	0.504	5.3
1,1-Dichloroethene	0.635	0.641	0.553	0.545	0.514	0.537	0.571	9.4
Acetone	0.455	0.426	0.393	0.387	0.361	0.366	0.398	9.2
Carbon Disulfide	1.686	1.685	1.669	1.733	1.643	1.739	1.693	2.2
Methyl tert-butyl Ether	1.911	2.099	2.106	2.167	2.129	2.213	2.104	4.9
Methyl Acetate	1.007	1.052	0.991	0.991	0.962	0.993	0.999	3
Methylene Chloride	1.107	0.788	0.700	0.672	0.655	0.672	0.766	22.7
trans-1,2-Dichloroethene	0.667	0.669	0.643	0.653	0.618	0.613	0.644	3.7
1,1-Dichloroethane	1.304	1.325	1.254	1.222	1.185	1.212	1.250	4.4
Cyclohexane		1.148	1.039	1.046	0.981	1.002	1.043	6.2
2-Butanone	0.552	0.608	0.650	0.643	0.617	0.618	0.615	5.7
Carbon Tetrachloride	0.453	0.523	0.498	0.517	0.504	0.518	0.502	5.1
cis-1,2-Dichloroethene	0.704	0.737	0.747	0.767	0.740	0.751	0.741	2.8
Bromochloromethane	0.596	0.640	0.578	0.595	0.597	0.584	0.598	3.6
Chloroform	1.181	1.299	1.303	1.279	1.214	1.234	1.251	4
1,1,1-Trichloroethane	1.043	1.146	1.096	1.084	1.049	1.085	1.084	3.4
Methylcyclohexane	0.447	0.442	0.482	0.529	0.519	0.541	0.493	8.6
Benzene	1.370	1.430	1.502	1.553	1.483	1.499	1.473	4.3
1,2-Dichloroethane	0.553	0.565	0.569	0.567	0.544	0.552	0.558	1.8
Trichloroethene	0.373	0.330	0.337	0.356	0.339	0.352	0.348	4.5
1,2-Dichloropropane	0.335	0.367	0.395	0.395	0.376	0.378	0.374	5.9
Bromodichloromethane	0.568	0.572	0.559	0.569	0.553	0.565	0.564	1.2
4-Methyl-2-Pentanone	0.551	0.641	0.685	0.689	0.658	0.652	0.646	7.8
Toluene	0.774	0.849	0.940	0.963	0.916	0.929	0.895	7.9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2646

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

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

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.459	0.536	0.586	0.621	0.607	0.619	0.571	11.1
cis-1,3-Dichloropropene	0.489	0.564	0.602	0.632	0.620	0.632	0.590	9.4
1,1,2-Trichloroethane	0.367	0.364	0.365	0.367	0.357	0.354	0.362	1.6
2-Hexanone	0.279	0.373	0.465	0.495	0.481	0.479	0.429	19.9
Dibromochloromethane	0.352	0.416	0.425	0.430	0.424	0.433	0.413	7.4
1,2-Dibromoethane	0.367	0.373	0.391	0.385	0.381	0.389	0.381	2.5
Tetrachloroethene	0.329	0.338	0.317	0.320	0.310	0.317	0.322	3.2
Chlorobenzene	1.139	1.131	1.133	1.119	1.092	1.122	1.123	1.5
Ethyl Benzene	1.643	1.738	1.882	1.942	1.905	1.979	1.848	7
m/p-Xylenes	0.541	0.646	0.717	0.758	0.734	0.756	0.692	12.2
o-Xylene	0.491	0.606	0.702	0.723	0.710	0.734	0.661	14.4
Styrene	0.726	1.032	1.186	1.255	1.217	1.257	1.112	18.6
Bromoform	0.246	0.302	0.314	0.328	0.322	0.337	0.308	10.7
Isopropylbenzene	2.524	2.889	3.242	3.396	3.302	3.529	3.147	11.9
1,1,2,2-Tetrachloroethane	1.159	1.181	1.228	1.207	1.156	1.174	1.184	2.4
1,3-Dichlorobenzene	1.448	1.592	1.651	1.658	1.588	1.674	1.602	5.2
1,4-Dichlorobenzene	1.807	1.709	1.742	1.703	1.627	1.677	1.711	3.6
1,2-Dichlorobenzene	1.303	1.534	1.596	1.577	1.510	1.583	1.517	7.2
1,2-Dibromo-3-Chloropropane	0.339	0.325	0.304	0.302	0.290	0.305	0.311	5.8
1,2,4-Trichlorobenzene	0.761	0.860	0.875	0.937	0.921	0.994	0.891	8.9
1,2,3-Trichlorobenzene	0.803	0.844	0.887	0.922	0.917	0.992	0.894	7.4
1,2-Dichloroethane-d4		0.939	0.820	0.802	0.818	0.863	0.848	6.6
Dibromofluoromethane		0.347	0.341	0.332	0.348	0.356	0.345	2.6
Toluene-d8		1.180	1.176	1.224	1.255	1.316	1.230	4.7
4-Bromofluorobenzene		0.405	0.433	0.455	0.476	0.505	0.455	8.5

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025
Response Via : Initial Calibration

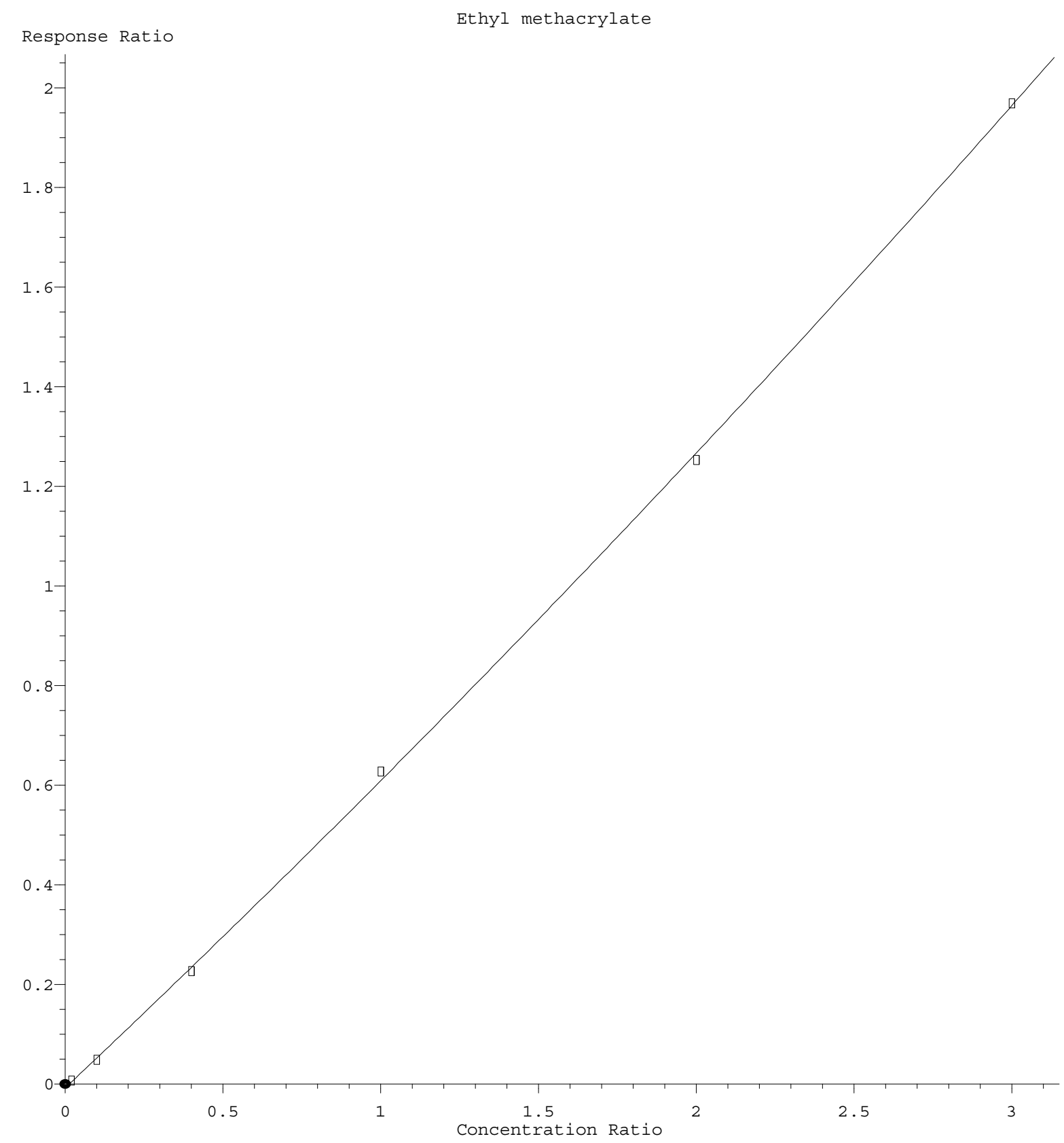
Calibration Files
1 =VN087328.D 5 =VN087329.D 20 =VN087330.D 50 =VN087331.D 100 =VN087332.D 150 =VN087333.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.443	0.443	0.623	0.606	0.625	0.531	17.98
3)	P	Chloromethane	0.714	0.659	0.588	0.690	0.659	0.698	0.668	6.70
4)	C	Vinyl Chloride	0.554	0.665	0.623	0.728	0.692	0.720	0.664	9.93#
5)	T	Bromomethane		0.328	0.308	0.355	0.356	0.370	0.344	7.22
6)	T	Chloroethane	0.396	0.485	0.431	0.441	0.415	0.429	0.433	6.96
7)	T	Trichlorofluor...	0.959	0.975	0.963	1.025	0.960	1.007	0.981	2.83
8)	T	Diethyl Ether	0.335	0.391	0.399	0.395	0.371	0.393	0.381	6.40
9)	T	1,1,2-Trichlor...	0.463	0.495	0.539	0.525	0.491	0.509	0.504	5.34
10)	T	Methyl Iodide		0.288	0.360	0.494	0.554	0.564	0.452	27.17
11)	T	Tert butyl alc...		0.164	0.155	0.161	0.161	0.164	0.161	2.41
12)	CM	1,1-Dichloroet...	0.635	0.641	0.553	0.545	0.514	0.537	0.571	9.41#
13)	T	Acrolein		0.140	0.112	0.121	0.130	0.143	0.129	9.85
14)	T	Allyl chloride	0.949	0.978	1.134	1.002	0.995	1.141	1.033	8.02
15)	T	Acrylonitrile	0.419	0.419	0.455	0.453	0.436	0.440	0.437	3.57
16)	T	Acetone	0.455	0.426	0.393	0.387	0.361	0.366	0.398	9.15
17)	T	Carbon Disulfide	1.686	1.685	1.669	1.733	1.643	1.739	1.693	2.20
18)	T	Methyl Acetate	1.007	1.052	0.991	0.991	0.962	0.993	0.999	2.99
19)	T	Methyl tert-bu...	1.911	2.099	2.106	2.167	2.129	2.213	2.104	4.93
20)	T	Methylene Chlo...	1.107	0.788	0.700	0.672	0.655	0.672	0.766	22.70
21)	T	trans-1,2-Dich...	0.667	0.669	0.643	0.653	0.618	0.613	0.644	3.69
22)	T	Diisopropyl ether	1.797	2.199	2.353	2.286	2.165	2.201	2.167	8.94
23)	T	Vinyl Acetate	1.421	1.685	2.101	2.114	2.007	2.044	1.895	14.81
24)	P	1,1-Dichloroet...	1.304	1.325	1.254	1.222	1.185	1.212	1.250	4.38
25)	T	2-Butanone	0.552	0.608	0.650	0.643	0.617	0.618	0.615	5.65
26)	T	2,2-Dichloropr...	1.013	0.963	1.001	0.982	0.933	0.941	0.972	3.34
27)	T	cis-1,2-Dichlo...	0.704	0.737	0.747	0.767	0.740	0.751	0.741	2.83
28)	T	Bromochloromet...	0.596	0.640	0.578	0.595	0.597	0.584	0.598	3.64
29)	T	Tetrahydrofuran	0.360	0.397	0.413	0.425	0.400	0.401	0.399	5.52
30)	C	Chloroform	1.181	1.299	1.303	1.279	1.214	1.234	1.251	3.97#
31)	T	Cyclohexane		1.148	1.039	1.046	0.981	1.002	1.043	6.16
32)	T	1,1,1-Trichlor...	1.043	1.146	1.096	1.084	1.049	1.085	1.084	3.42
33)	S	1,2-Dichloroet...		0.939	0.820	0.802	0.818	0.863	0.848	6.56
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.347	0.341	0.332	0.348	0.356	0.345	2.55
36)	T	1,1-Dichloropr...	0.387	0.437	0.459	0.487	0.477	0.487	0.456	8.47
37)	T	Ethyl Acetate	0.587	0.671	0.655	0.706	0.660	0.669	0.658	5.94
38)	T	Carbon Tetrach...	0.453	0.523	0.498	0.517	0.504	0.518	0.502	5.10
39)	T	Methylcyclohexane	0.447	0.442	0.482	0.529	0.519	0.541	0.493	8.62
40)	TM	Benzene	1.370	1.430	1.502	1.553	1.483	1.499	1.473	4.34
41)	T	Methacrylonitrile	0.289	0.330	0.362	0.368	0.353	0.363	0.344	8.81
42)	TM	1,2-Dichloroet...	0.553	0.565	0.569	0.567	0.544	0.552	0.558	1.78
43)	T	Isopropyl Acetate	0.938	0.999	1.029	1.071	1.038	1.055	1.022	4.64
44)	TM	Trichloroethene	0.373	0.330	0.337	0.356	0.339	0.352	0.348	4.49
45)	C	1,2-Dichloropr...	0.335	0.367	0.395	0.395	0.376	0.378	0.374	5.90#
46)	T	Dibromomethane	0.265	0.296	0.279	0.289	0.274	0.278	0.280	3.94
47)	T	Bromodichlorom...	0.568	0.572	0.559	0.569	0.553	0.565	0.564	1.21
48)	T	Methyl methacr...	0.372	0.412	0.475	0.505	0.493	0.503	0.460	12.06
49)	T	1,4-Dioxane	0.006	0.007	0.007	0.008	0.008	0.008	0.007	12.52
50)	S	Toluene-d8		1.180	1.176	1.224	1.255	1.316	1.230	4.72
51)	T	4-Methyl-2-Pen...	0.551	0.641	0.685	0.689	0.658	0.652	0.646	7.79
52)	CM	Toluene	0.774	0.849	0.940	0.963	0.916	0.929	0.895	7.93#
53)	T	t-1,3-Dichloro...	0.459	0.536	0.586	0.621	0.607	0.619	0.571	11.08
54)	T	cis-1,3-Dichlo...	0.489	0.564	0.602	0.632	0.620	0.632	0.590	9.40
55)	T	1,1,2-Trichlor...	0.367	0.364	0.365	0.367	0.357	0.354	0.362	1.57
56)	T	Ethyl methacry...	0.348	0.486	0.567	0.627	0.626	0.656	0.552	21.20

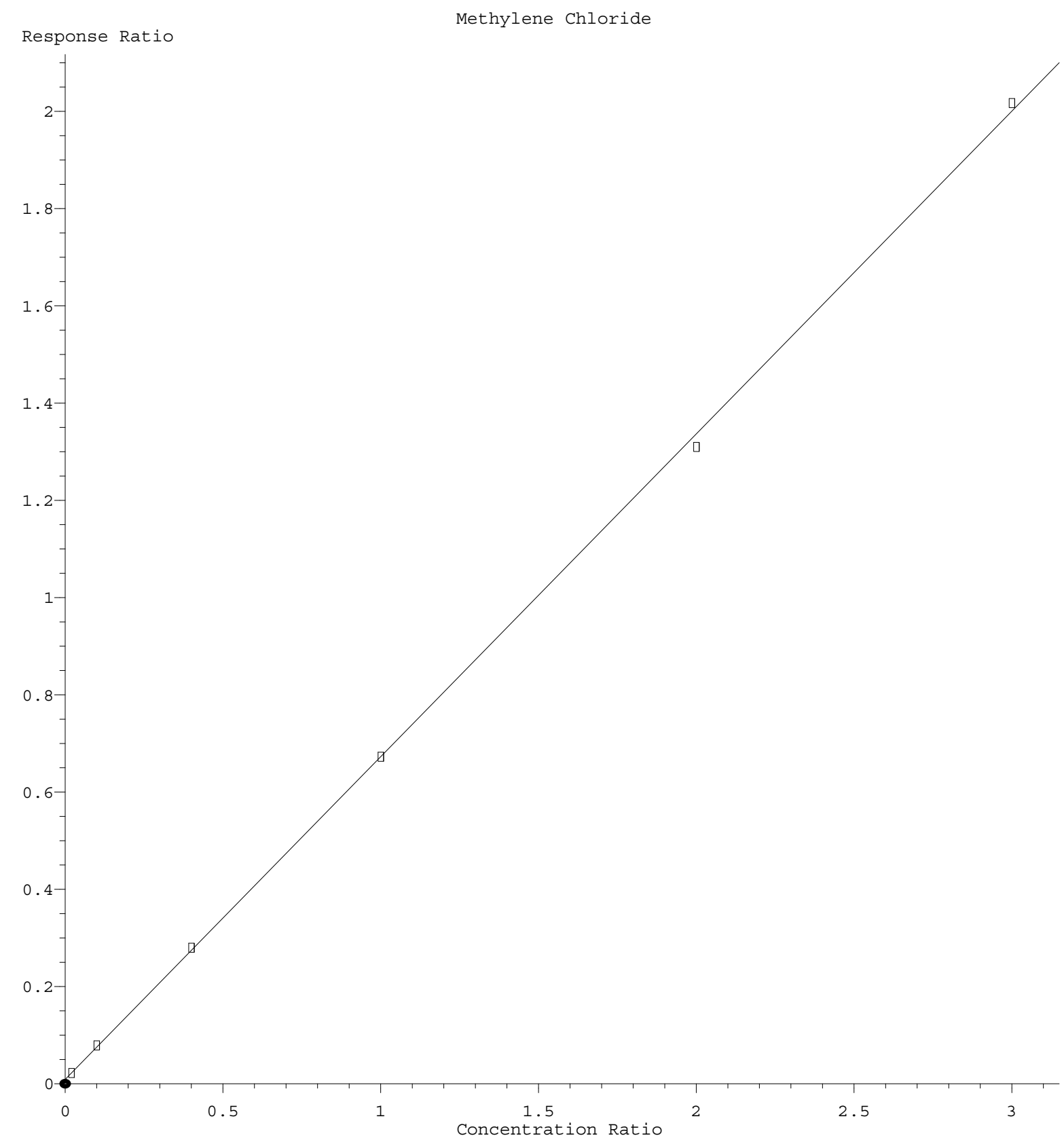
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N071625W.M

57)	T	1,3-Dichloropr...	0.556	0.621	0.652	0.655	0.636	0.640	0.627	5.82
58)	T	2-Chloroethyl ...	0.220	0.273	0.303	0.346	0.310	0.332	0.297	15.20
59)	T	2-Hexanone	0.279	0.373	0.465	0.495	0.481	0.479	0.429	19.95
60)	T	Dibromochlorom...	0.352	0.416	0.425	0.430	0.424	0.433	0.413	7.39
61)	T	1,2-Dibromoethane	0.367	0.373	0.391	0.385	0.381	0.389	0.381	2.49
62)	S	4-Bromofluorob...		0.405	0.433	0.455	0.476	0.505	0.455	8.46
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.329	0.338	0.317	0.320	0.310	0.317	0.322	3.16
65)	PM	Chlorobenzene	1.139	1.131	1.133	1.119	1.092	1.122	1.123	1.48
66)	T	1,1,1,2-Tetrac...	0.324	0.406	0.393	0.393	0.381	0.394	0.382	7.64
67)	C	Ethyl Benzene	1.643	1.738	1.882	1.942	1.905	1.979	1.848	7.04#
68)	T	m/p-Xylenes	0.541	0.646	0.717	0.758	0.734	0.756	0.692	12.20
69)	T	o-Xylene	0.491	0.606	0.702	0.723	0.710	0.734	0.661	14.39
70)	T	Styrene	0.726	1.032	1.186	1.255	1.217	1.257	1.112	18.59
71)	P	Bromoform	0.246	0.302	0.314	0.328	0.322	0.337	0.308	10.69
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.524	2.889	3.242	3.396	3.302	3.529	3.147	11.86
74)	T	N-amyl acetate	1.309	1.256	1.249	1.138	1.378	1.515	1.307	9.83
75)	P	1,1,2,2-Tetrac...	1.159	1.181	1.228	1.207	1.156	1.174	1.184	2.37
76)	T	1,2,3-Trichlor...	1.208	1.238	1.101	1.191	0.969	1.019	1.121	9.79
77)	T	Bromobenzene	0.669	0.791	0.862	0.869	0.830	0.876	0.816	9.63
78)	T	n-propylbenzene	3.252	3.716	4.089	4.294	4.109	4.295	3.959	10.25
79)	T	2-Chlorotoluene	2.085	2.348	2.535	2.533	2.493	2.605	2.433	7.84
80)	T	1,3,5-Trimethy...	2.069	2.517	2.816	2.928	2.799	2.959	2.681	12.62
81)	T	trans-1,4-Dich...		0.327	0.448	0.404	0.417	0.453	0.410	12.30
82)	T	4-Chlorotoluene	2.225	2.460	2.618	2.647	2.552	2.699	2.533	6.79
83)	T	tert-Butylbenzene	1.781	2.068	2.303	2.423	2.376	2.485	2.239	11.92
84)	T	1,2,4-Trimethy...	2.201	2.411	2.906	3.003	2.872	3.034	2.738	12.64
85)	T	sec-Butylbenzene	3.120	3.136	3.460	3.565	3.387	3.570	3.373	5.98
86)	T	p-Isopropyltol...	2.081	2.417	2.806	2.991	2.893	3.032	2.703	13.90
87)	T	1,3-Dichlorobe...	1.448	1.592	1.651	1.657	1.588	1.674	1.602	5.19
88)	T	1,4-Dichlorobe...	1.807	1.709	1.742	1.703	1.627	1.677	1.711	3.56
89)	T	n-Butylbenzene	2.278	2.425	2.648	2.761	2.614	2.762	2.581	7.49
90)	T	Hexachloroethane	0.593	0.564	0.562	0.576	0.552	0.590	0.573	2.86
91)	T	1,2-Dichlorobe...	1.303	1.534	1.596	1.577	1.510	1.583	1.517	7.23
92)	T	1,2-Dibromo-3-...	0.339	0.325	0.304	0.302	0.290	0.305	0.311	5.76
93)	T	1,2,4-Trichlor...	0.761	0.860	0.875	0.937	0.921	0.994	0.891	8.94
94)	T	Hexachlorobuta...	0.351	0.337	0.324	0.329	0.316	0.331	0.331	3.57
95)	T	Naphthalene	2.486	2.658	3.113	3.441	3.451	3.797	3.158	16.01
96)	T	1,2,3-Trichlor...	0.803	0.844	0.887	0.922	0.917	0.992	0.894	7.37

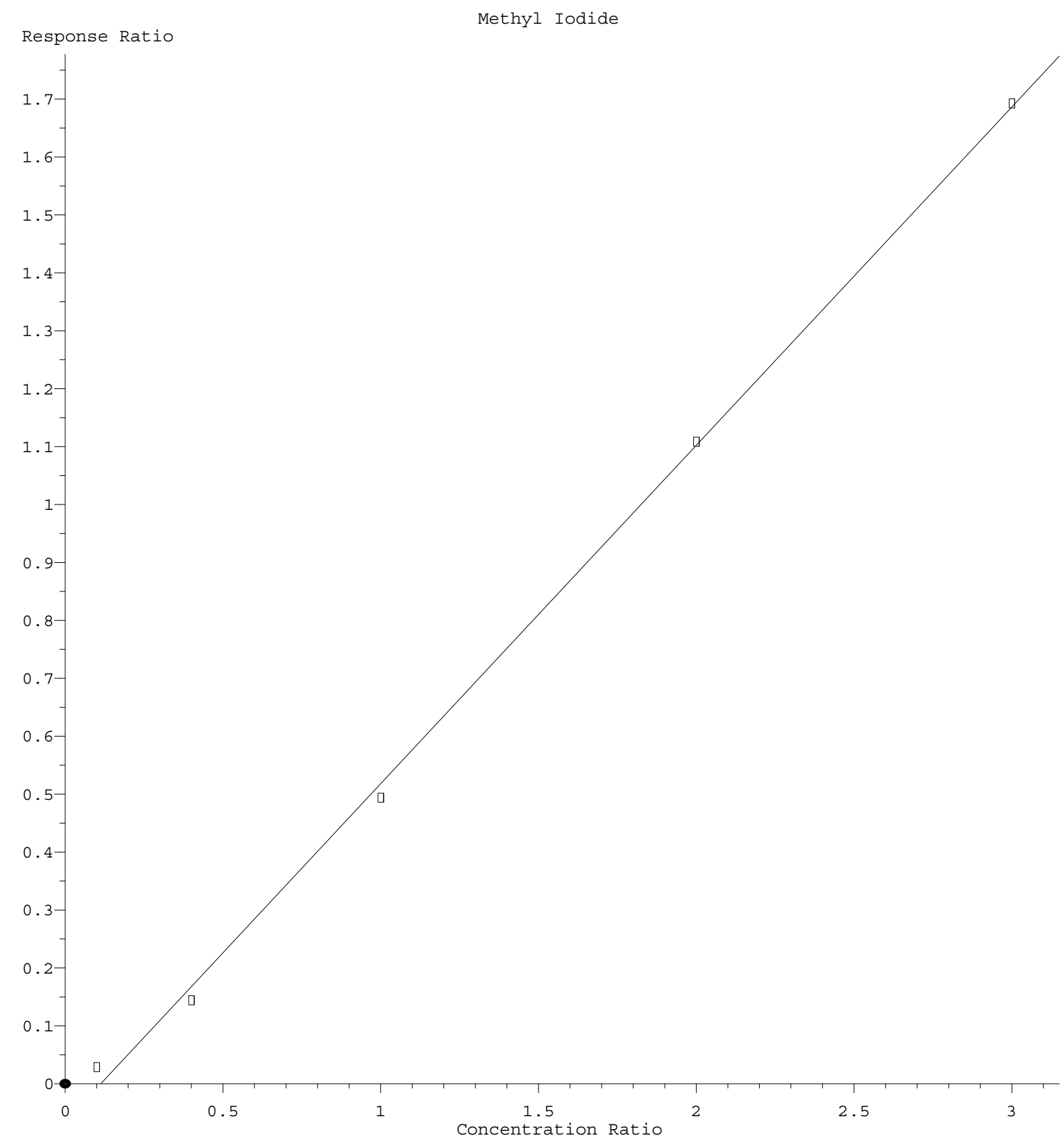
(#) = Out of Range



R = 2.028e-002 A*A + 5.966e-001 A - 7.578e-003
Coef of Det (r^2) = 0.999797 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N071625W.M
Calibration Table Last Updated: Thu Jul 17 02:56:13 2025



Response = 6.638e-001 * Amt + 8.611e-003
Coef of Det (r^2) = 0.999669 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N071625W.M
Calibration Table Last Updated: Thu Jul 17 02:56:13 2025



Response = 5.841e-001 * Amt - 6.578e-002
Coef of Det (r^2) = 0.998697 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N071625W.M
Calibration Table Last Updated: Thu Jul 17 02:56:13 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.212	168	166177	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	312474	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	274838	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	128808	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	2.142	85	1484	0.841	ug/l		98
3) Chloromethane	2.389	50	2372	1.069	ug/l		96
4) Vinyl Chloride	2.542	62	1841	0.835	ug/l	#	68
6) Chloroethane	3.153	64	1316	0.915	ug/l		93
7) Trichlorofluoromethane	3.506	101	3187	0.977	ug/l		92
8) Diethyl Ether	3.965	74	1114	0.880	ug/l		79
9) 1,1,2-Trichlorotrifluo...	4.371	101	1539	0.919	ug/l	#	31
12) 1,1-Dichloroethene	4.347	96	2112	1.113	ug/l	#	53
14) Allyl chloride	5.012	41	3155m	0.919	ug/l		
15) Acrylonitrile	5.712	53	6965	4.794	ug/l	#	80
16) Acetone	4.430	43	7566m	5.660	ug/l		
17) Carbon Disulfide	4.700	76	5602	0.996	ug/l	#	71
18) Methyl Acetate	5.018	43	3347	1.008	ug/l	#	74
19) Methyl tert-butyl Ether	5.789	73	6351m	0.908	ug/l		
20) Methylene Chloride	5.271	84	3679	1.019	ug/l	#	74
21) trans-1,2-Dichloroethene	5.777	96	2216	1.036	ug/l	#	53
22) Diisopropyl ether	6.659	45	5973	0.829	ug/l	#	75
23) Vinyl Acetate	6.600	43	23617	3.749	ug/l	#	93
24) 1,1-Dichloroethane	6.547	63	4333	1.043	ug/l	#	83
25) 2-Butanone	7.477	43	9174	4.491	ug/l		99
26) 2,2-Dichloropropane	7.471	77	3368	1.043	ug/l	#	67
27) cis-1,2-Dichloroethene	7.471	96	2340	0.950	ug/l		99
28) Bromochloromethane	7.794	49	1982	0.997	ug/l	#	85
29) Tetrahydrofuran	7.835	42	5981	4.507	ug/l		94
30) Chloroform	7.953	83	3924	0.943	ug/l	#	71
32) 1,1,1-Trichloroethane	8.165	97	3468	0.963	ug/l	#	45
36) 1,1-Dichloropropene	8.353	75	2421	0.850	ug/l		96
37) Ethyl Acetate	7.547	43	3670	0.892	ug/l	#	82
38) Carbon Tetrachloride	8.341	117	2833	0.903	ug/l	#	83
39) Methylcyclohexane	9.588	83	2794	0.906	ug/l	#	86
40) Benzene	8.588	78	8561	0.930	ug/l		97
41) Methacrylonitrile	7.771	41	1805	0.839	ug/l	#	87
42) 1,2-Dichloroethane	8.653	62	3456	0.990	ug/l		89
43) Isopropyl Acetate	8.677	43	5865	0.919	ug/l	#	95
44) Trichloroethene	9.341	130	2331	1.072	ug/l		70
45) 1,2-Dichloropropane	9.606	63	2094	0.895	ug/l	#	86

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.694	93	1657	0.946	ug/l	#	87
47) Bromodichloromethane	9.871	83	3549	1.006	ug/l	#	91
48) Methyl methacrylate	9.671	41	2322	0.808	ug/l		94
49) 1,4-Dioxane	9.682	88	696	15.810	ug/l	#	53
51) 4-Methyl-2-Pentanone	10.429	43	17216	4.263	ug/l		91
52) Toluene	10.612	92	4834	0.864	ug/l		91
53) t-1,3-Dichloropropene	10.818	75	2869	0.804	ug/l	#	56
54) cis-1,3-Dichloropropene	10.294	75	3059	0.830	ug/l		94
55) 1,1,2-Trichloroethane	11.000	97	2294	1.013	ug/l	#	83
56) Ethyl methacrylate	10.859	69	2173	1.217	ug/l	#	90
57) 1,3-Dichloropropane	11.141	76	3477	0.888	ug/l		95
58) 2-Chloroethyl Vinyl ether	10.141	63	6887	3.707	ug/l		96
59) 2-Hexanone	11.182	43	8707	3.250	ug/l		87
60) Dibromochloromethane	11.347	129	2200	0.852	ug/l		82
61) 1,2-Dibromoethane	11.459	107	2291	0.962	ug/l		90
64) Tetrachloroethene	11.088	164	1807	1.022	ug/l	#	75
65) Chlorobenzene	11.870	112	6259	1.014	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	1783	0.850	ug/l	#	50
67) Ethyl Benzene	11.941	91	9031	0.889	ug/l		92
68) m/p-Xylenes	12.053	106	5952	1.565	ug/l		97
69) o-Xylene	12.388	106	2700	0.743	ug/l		91
70) Styrene	12.400	104	3989	0.653	ug/l		91
71) Bromoform	12.559	173	1351	0.797	ug/l	#	94
73) Isopropylbenzene	12.682	105	6501	0.802	ug/l		95
74) N-amyl acetate	12.841	43	3372m	1.065	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	2986	0.979	ug/l	#	78
76) 1,2,3-Trichloropropane	12.976	75	3113m	1.089	ug/l		
77) Bromobenzene	12.953	156	1724	0.820	ug/l		79
78) n-propylbenzene	13.017	91	8378	0.821	ug/l		95
79) 2-Chlorotoluene	13.100	91	5372	0.857	ug/l		93
80) 1,3,5-Trimethylbenzene	13.147	105	5329	0.772	ug/l		93
82) 4-Chlorotoluene	13.200	91	5733	0.878	ug/l		96
83) tert-Butylbenzene	13.412	119	4588	0.795	ug/l		90
84) 1,2,4-Trimethylbenzene	13.464	105	5671	0.804	ug/l		87
85) sec-Butylbenzene	13.594	105	8037	0.925	ug/l		97
86) p-Isopropyltoluene	13.712	119	5360	0.770	ug/l		92
87) 1,3-Dichlorobenzene	13.712	146	3731	0.904	ug/l		89
88) 1,4-Dichlorobenzene	13.794	146	4655m	1.056	ug/l		
89) n-Butylbenzene	14.035	91	5869	0.883	ug/l		91
90) Hexachloroethane	14.317	117	1527	1.035	ug/l		87
91) 1,2-Dichlorobenzene	14.088	146	3358	0.859	ug/l		85
92) 1,2-Dibromo-3-Chloropr...	14.711	75	874	1.091	ug/l	#	56
93) 1,2,4-Trichlorobenzene	15.376	180	1960	0.854	ug/l		78
94) Hexachlorobutadiene	15.476	225	903	1.058	ug/l		76
95) Naphthalene	15.611	128	6404	0.787	ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.806	180	2068	0.898	ug/l		99

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

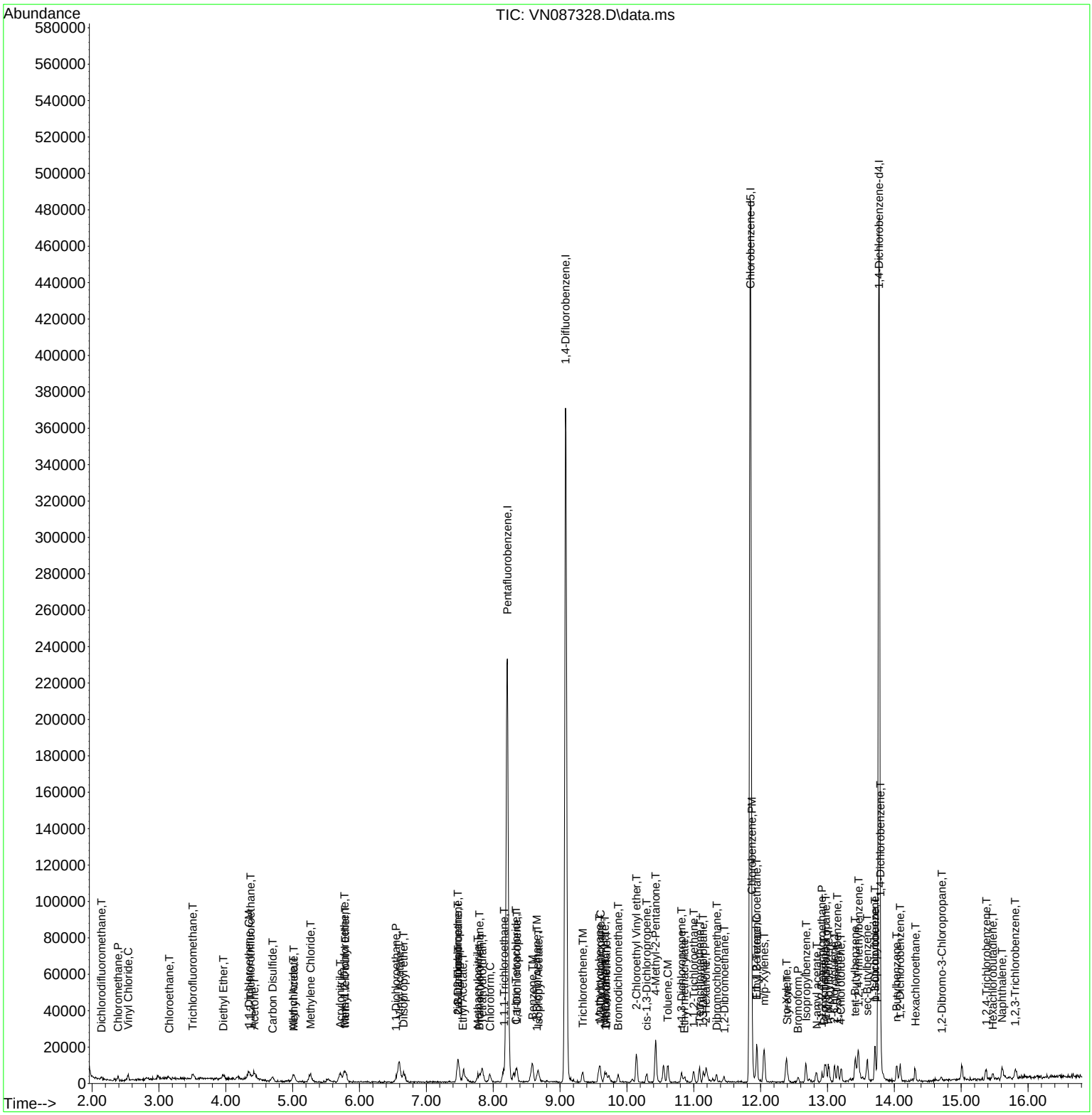
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	172217	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.088	114	319926	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	285583	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146494	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	16177	5.536	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.080%#				
35) Dibromofluoromethane	8.153	113	11111	5.035	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.060%#				
50) Toluene-d8	10.547	98	37751	4.796	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.600%#				
62) 4-Bromofluorobenzene	12.829	95	12943	4.450	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 8.900%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	7633	4.173	ug/l		90
3) Chloromethane	2.383	50	11350	4.934	ug/l		96
4) Vinyl Chloride	2.536	62	11459	5.013	ug/l		98
5) Bromomethane	2.971	94	5657	4.779	ug/l		87
6) Chloroethane	3.124	64	8358	5.606	ug/l	#	81
7) Trichlorofluoromethane	3.506	101	16796	4.969	ug/l	#	83
8) Diethyl Ether	3.959	74	6731	5.133	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.371	101	8532	4.917	ug/l	#	19
10) Methyl Iodide	4.577	142	4952m	8.093	ug/l		
11) Tert butyl alcohol	5.536	59	14147	25.497	ug/l		98
12) 1,1-Dichloroethene	4.330	96	11037	5.613	ug/l	#	83
13) Acrolein	4.177	56	12045	27.050	ug/l		96
14) Allyl chloride	5.006	41	16836	4.731	ug/l		97
15) Acrylonitrile	5.718	53	36114	23.986	ug/l		92
16) Acetone	4.430	43	36648	26.455	ug/l		96
17) Carbon Disulfide	4.695	76	29024	4.979	ug/l		94
18) Methyl Acetate	5.006	43	18125	5.265	ug/l		99
19) Methyl tert-butyl Ether	5.800	73	36155	4.989	ug/l		95
20) Methylene Chloride	5.259	84	13570	5.286	ug/l	#	86
21) trans-1,2-Dichloroethene	5.765	96	11514	5.193	ug/l		81
22) Diisopropyl ether	6.671	45	37879	5.075	ug/l	#	97
23) Vinyl Acetate	6.594	43	145089	22.225	ug/l	#	94
24) 1,1-Dichloroethane	6.547	63	22819	5.299	ug/l		95
25) 2-Butanone	7.477	43	52336	24.722	ug/l		95
26) 2,2-Dichloropropane	7.483	77	16583	4.953	ug/l		100
27) cis-1,2-Dichloroethene	7.471	96	12690	4.972	ug/l		99
28) Bromochloromethane	7.789	49	11022	5.348	ug/l	#	16
29) Tetrahydrofuran	7.830	42	34146	24.829	ug/l		99
30) Chloroform	7.959	83	22369	5.190	ug/l		84
31) Cyclohexane	8.236	56	19764	5.502	ug/l		87
32) 1,1,1-Trichloroethane	8.153	97	19739	5.287	ug/l	#	51
36) 1,1-Dichloropropene	8.347	75	13965	4.790	ug/l		98
37) Ethyl Acetate	7.553	43	21482	5.102	ug/l		97
38) Carbon Tetrachloride	8.341	117	16718	5.205	ug/l	#	89
39) Methylcyclohexane	9.582	83	14154	4.484	ug/l		86
40) Benzene	8.583	78	45748	4.855	ug/l		94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	10551	4.792	ug/l		97
42) 1,2-Dichloroethane	8.653	62	18086	5.061	ug/l		96
43) Isopropyl Acetate	8.677	43	31964	4.890	ug/l		100
44) Trichloroethene	9.335	130	10573	4.748	ug/l		79
45) 1,2-Dichloropropane	9.606	63	11728	4.898	ug/l		95
46) Dibromomethane	9.694	93	9473	5.284	ug/l		96
47) Bromodichloromethane	9.865	83	18300	5.068	ug/l	#	82
48) Methyl methacrylate	9.665	41	13169	4.475	ug/l		95
49) 1,4-Dioxane	9.682	88	4176	92.653	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.430	43	102519	24.797	ug/l		97
52) Toluene	10.612	92	27158	4.742	ug/l		96
53) t-1,3-Dichloropropene	10.824	75	17133	4.688	ug/l	#	87
54) cis-1,3-Dichloropropene	10.294	75	18046	4.780	ug/l		97
55) 1,1,2-Trichloroethane	11.000	97	11643	5.021	ug/l	#	88
56) Ethyl methacrylate	10.859	69	15548	4.693	ug/l		95
57) 1,3-Dichloropropane	11.141	76	19868	4.956	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.147	63	43690	22.968	ug/l		94
59) 2-Hexanone	11.182	43	59736	21.778	ug/l		99
60) Dibromochloromethane	11.335	129	13321	5.037	ug/l		100
61) 1,2-Dibromoethane	11.453	107	11942	4.898	ug/l		89
64) Tetrachloroethene	11.082	164	9660	5.256	ug/l		95
65) Chlorobenzene	11.871	112	32304	5.038	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	11581	5.312	ug/l		96
67) Ethyl Benzene	11.947	91	49622	4.701	ug/l		92
68) m/p-Xylenes	12.059	106	36883	9.332	ug/l		98
69) o-Xylene	12.376	106	17293	4.580	ug/l		97
70) Styrene	12.394	104	29462	4.639	ug/l		99
71) Bromoform	12.559	173	8628	4.899	ug/l	#	96
73) Isopropylbenzene	12.676	105	42320	4.590	ug/l		98
74) N-amyl acetate	12.647	43	18405m	5.113	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	17305	4.988	ug/l		95
76) 1,2,3-Trichloropropane	12.976	75	18135m	5.580	ug/l		
77) Bromobenzene	12.965	156	11589	4.847	ug/l		84
78) n-propylbenzene	13.018	91	54443	4.693	ug/l		99
79) 2-Chlorotoluene	13.106	91	34400	4.825	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	36874	4.694	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	4795	3.994	ug/l	#	80
82) 4-Chlorotoluene	13.200	91	36031	4.854	ug/l		98
83) tert-Butylbenzene	13.418	119	30293	4.617	ug/l		96
84) 1,2,4-Trimethylbenzene	13.465	105	35326	4.403	ug/l		99
85) sec-Butylbenzene	13.594	105	45947	4.649	ug/l		98
86) p-Isopropyltoluene	13.706	119	35413	4.471	ug/l		97
87) 1,3-Dichlorobenzene	13.718	146	23326	4.970	ug/l		95
88) 1,4-Dichlorobenzene	13.794	146	25031	4.994	ug/l		90
89) n-Butylbenzene	14.035	91	35522	4.697	ug/l		95
90) Hexachloroethane	14.312	117	8261	4.923	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	22474	5.055	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	4757	5.223	ug/l		87
93) 1,2,4-Trichlorobenzene	15.364	180	12595	4.823	ug/l		97
94) Hexachlorobutadiene	15.476	225	4936	5.087	ug/l		98
95) Naphthalene	15.617	128	38936	4.208	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	12368	4.721	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

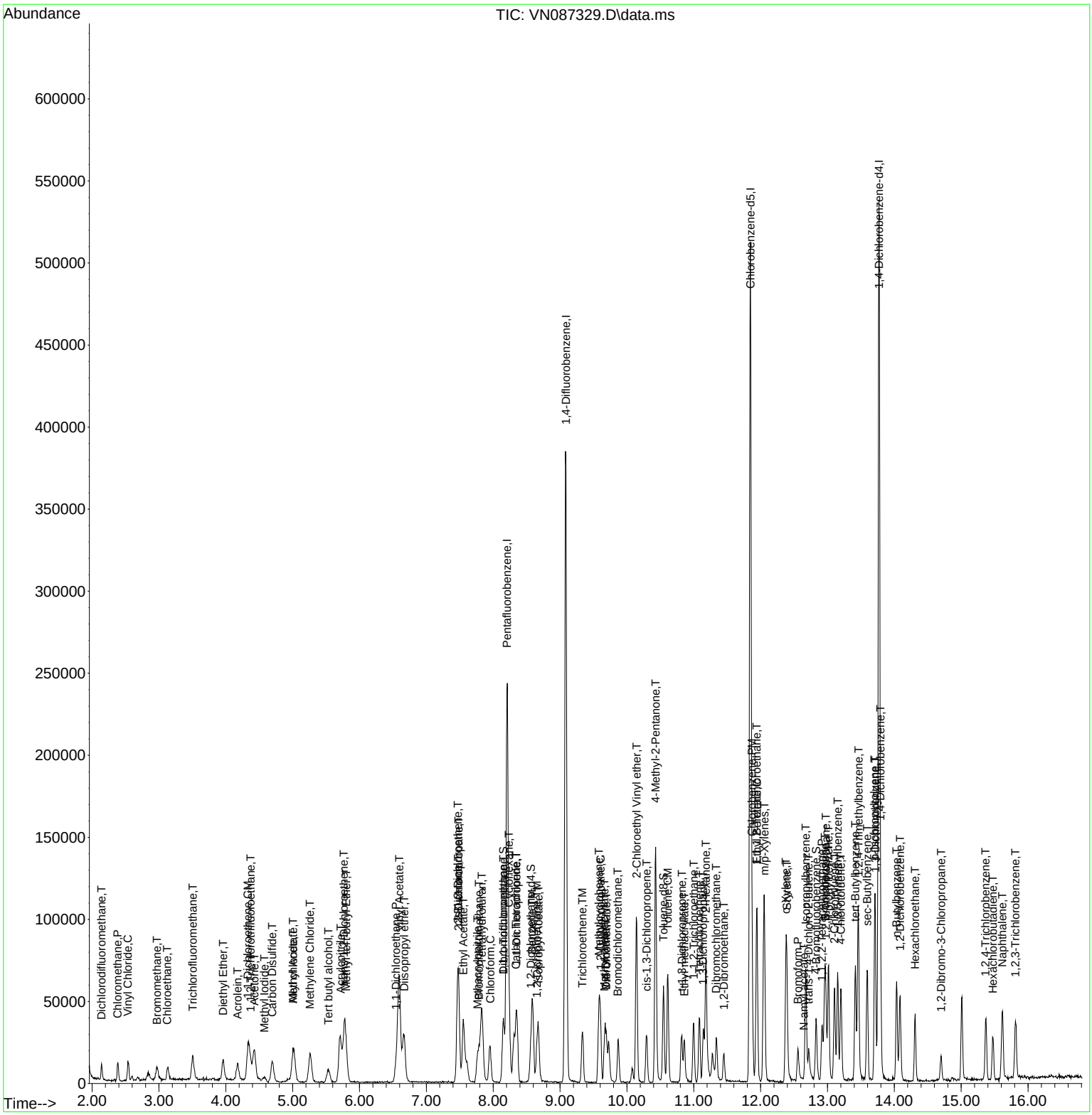
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	178514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	328159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	156249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	58584	19.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.680%#		
35) Dibromofluoromethane	8.153	113	44726	19.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.520%#		
50) Toluene-d8	10.547	98	154381	19.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.240%#		
62) 4-Bromofluorobenzene	12.829	95	56832	19.051	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	31604	16.669	ug/l	86
3) Chloromethane	2.383	50	41982	17.608	ug/l	94
4) Vinyl Chloride	2.542	62	44508	18.784	ug/l	99
5) Bromomethane	2.971	94	22025	17.950	ug/l	98
6) Chloroethane	3.130	64	30785	19.922	ug/l	100
7) Trichlorofluoromethane	3.506	101	68764	19.626	ug/l	97
8) Diethyl Ether	3.959	74	28520	20.984	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	38516	21.414	ug/l	95
10) Methyl Iodide	4.577	142	25698	17.955	ug/l	97
11) Tert butyl alcohol	5.530	59	55298	96.147	ug/l	99
12) 1,1-Dichloroethene	4.330	96	39480	19.370	ug/l	96
13) Acrolein	4.177	56	40135	86.954	ug/l	98
14) Allyl chloride	5.006	41	80983	21.955	ug/l	88
15) Acrylonitrile	5.712	53	162325	104.007	ug/l	99
16) Acetone	4.424	43	140161	97.607	ug/l	93
17) Carbon Disulfide	4.700	76	119191	19.725	ug/l #	93
18) Methyl Acetate	5.012	43	70735	19.824	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	150385	20.018	ug/l	97
20) Methylene Chloride	5.265	84	49951	20.427	ug/l	87
21) trans-1,2-Dichloroethene	5.771	96	45917	19.980	ug/l	90
22) Diisopropyl ether	6.659	45	168043	21.719	ug/l	97
23) Vinyl Acetate	6.594	43	750202	110.863	ug/l	98
24) 1,1-Dichloroethane	6.559	63	89552	20.062	ug/l	95
25) 2-Butanone	7.477	43	231983	105.718	ug/l	96
26) 2,2-Dichloropropane	7.483	77	71478	20.596	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	53347	20.162	ug/l	98
28) Bromochloromethane	7.794	49	41285	19.325	ug/l	100
29) Tetrahydrofuran	7.830	42	147436	103.426	ug/l	99
30) Chloroform	7.953	83	93018	20.819	ug/l	100
31) Cyclohexane	8.241	56	74161	19.915	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78235	20.217	ug/l	97
36) 1,1-Dichloropropene	8.359	75	60302	20.163	ug/l	98
37) Ethyl Acetate	7.553	43	85921	19.893	ug/l	98
38) Carbon Tetrachloride	8.347	117	65336	19.832	ug/l	95
39) Methylcyclohexane	9.588	83	63264	19.539	ug/l	95
40) Benzene	8.588	78	197187	20.400	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.771	41	47550	21.054 ug/l		97
42) 1,2-Dichloroethane	8.659	62	74680	20.374 ug/l		99
43) Isopropyl Acetate	8.677	43	135010	20.136 ug/l		99
44) Trichloroethene	9.335	130	44202	19.354 ug/l		98
45) 1,2-Dichloropropane	9.606	63	51786	21.086 ug/l		97
46) Dibromomethane	9.688	93	36673	19.943 ug/l		96
47) Bromodichloromethane	9.871	83	73409	19.819 ug/l		93
48) Methyl methacrylate	9.665	41	62316	20.645 ug/l		99
49) 1,4-Dioxane	9.682	88	18509	400.357 ug/l	#	100
51) 4-Methyl-2-Pentanone	10.429	43	449710	106.046 ug/l		99
52) Toluene	10.612	92	123391	21.002 ug/l		98
53) t-1,3-Dichloropropene	10.818	75	76959	20.530 ug/l		92
54) cis-1,3-Dichloropropene	10.294	75	79019	20.407 ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	47960	20.164 ug/l		94
56) Ethyl methacrylate	10.859	69	74408	19.384 ug/l		99
57) 1,3-Dichloropropane	11.147	76	85537	20.800 ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	198704	101.839 ug/l		100
59) 2-Hexanone	11.182	43	305342	108.526 ug/l		99
60) Dibromochloromethane	11.341	129	55783	20.564 ug/l		98
61) 1,2-Dibromoethane	11.447	107	51292	20.509 ug/l		97
64) Tetrachloroethene	11.082	164	37655	19.686 ug/l		93
65) Chlorobenzene	11.871	112	134668	20.183 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	46671	20.570 ug/l		98
67) Ethyl Benzene	11.947	91	223715	20.367 ug/l		100
68) m/p-Xylenes	12.053	106	170590	41.473 ug/l		98
69) o-Xylene	12.376	106	83415	21.230 ug/l		98
70) Styrene	12.388	104	140937	21.323 ug/l		100
71) Bromoform	12.559	173	37362	20.383 ug/l	#	99
73) Isopropylbenzene	12.676	105	202595	20.601 ug/l		100
74) N-amyl acetate	12.512	43	78074m	20.334 ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	76720	20.733 ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	68839m	19.858 ug/l		
77) Bromobenzene	12.959	156	53881	21.127 ug/l		97
78) n-propylbenzene	13.017	91	255577	20.656 ug/l		99
79) 2-Chlorotoluene	13.106	91	158436	20.836 ug/l		96
80) 1,3,5-Trimethylbenzene	13.153	105	176006	21.006 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	27975	21.846 ug/l		90
82) 4-Chlorotoluene	13.200	91	163615	20.667 ug/l		99
83) tert-Butylbenzene	13.417	119	143954	20.571 ug/l		98
84) 1,2,4-Trimethylbenzene	13.465	105	181623	21.226 ug/l		100
85) sec-Butylbenzene	13.594	105	216256	20.516 ug/l		99
86) p-Isopropyltoluene	13.706	119	175352	20.758 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	103157	20.609 ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	108898	20.370 ug/l		98
89) n-Butylbenzene	14.035	91	165484	20.516 ug/l		99
90) Hexachloroethane	14.312	117	35108	19.615 ug/l		96
91) 1,2-Dichlorobenzene	14.088	146	99750	21.036 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19015	19.573 ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	54714	19.643 ug/l		99
94) Hexachlorobutadiene	15.476	225	20248	19.563 ug/l		96
95) Naphthalene	15.617	128	194574	19.718 ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	55463	19.850 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 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

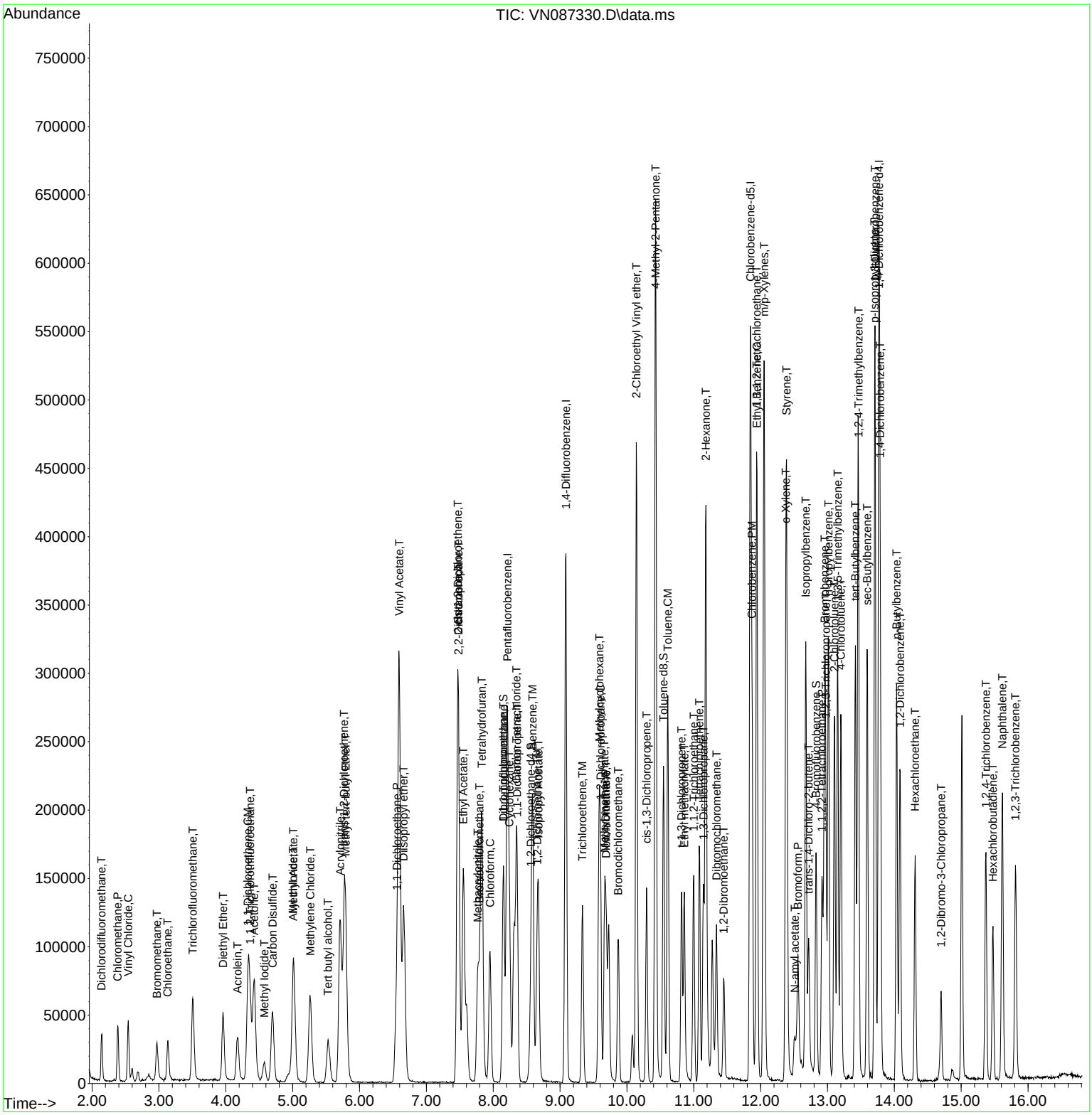
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	182792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	325711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	300150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	146559	47.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.500%			
35) Dibromofluoromethane	8.147	113	108271	48.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	10.547	98	398776	49.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.829	95	148158	50.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	113853	58.643	ug/l	100
3) Chloromethane	2.383	50	126054	51.631	ug/l	100
4) Vinyl Chloride	2.542	62	132985	54.810	ug/l	100
5) Bromomethane	2.971	94	64982	51.719	ug/l	100
6) Chloroethane	3.130	64	80606	50.942	ug/l	100
7) Trichlorofluoromethane	3.506	101	187302	52.206	ug/l	100
8) Diethyl Ether	3.959	74	72151	51.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	95895	52.068	ug/l	100
10) Methyl Iodide	4.577	142	90277	47.912	ug/l	100
11) Tert butyl alcohol	5.524	59	146939	249.504	ug/l	100
12) 1,1-Dichloroethene	4.330	96	99569	47.708	ug/l	100
13) Acrolein	4.177	56	110711	234.247	ug/l	100
14) Allyl chloride	5.012	41	183089	48.475	ug/l	100
15) Acrylonitrile	5.712	53	414273	259.227	ug/l	100
16) Acetone	4.424	43	353373	240.328	ug/l	100
17) Carbon Disulfide	4.694	76	316833	51.205	ug/l	100
18) Methyl Acetate	5.012	43	181199	49.594	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	396133	51.495	ug/l	100
20) Methylene Chloride	5.259	84	122921	50.001	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	119278	50.687	ug/l	100
22) Diisopropyl ether	6.665	45	417843	52.740	ug/l	100
23) Vinyl Acetate	6.588	43	1931809	278.796	ug/l	100
24) 1,1-Dichloroethane	6.553	63	223298	48.853	ug/l	100
25) 2-Butanone	7.471	43	588032	261.702	ug/l	100
26) 2,2-Dichloropropane	7.471	77	179431	50.492	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	140194	51.746	ug/l	100
28) Bromochloromethane	7.800	49	108748	49.713	ug/l	100
29) Tetrahydrofuran	7.829	42	388704	266.294	ug/l	100
30) Chloroform	7.953	83	233747	51.092	ug/l	100
31) Cyclohexane	8.241	56	191116	50.122	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	198135	50.002	ug/l	100
36) 1,1-Dichloropropene	8.353	75	158563	53.418	ug/l	100
37) Ethyl Acetate	7.547	43	230005	53.652	ug/l	100
38) Carbon Tetrachloride	8.347	117	168403	51.501	ug/l	100
39) Methylcyclohexane	9.582	83	172297	53.614	ug/l	100
40) Benzene	8.594	78	505723	52.714	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	119895	53.486	ug/l		100
42) 1,2-Dichloroethane	8.653	62	184670	50.759	ug/l		100
43) Isopropyl Acetate	8.677	43	348709	52.399	ug/l		100
44) Trichloroethene	9.335	130	115974	51.160	ug/l		100
45) 1,2-Dichloropropane	9.606	63	128530	52.726	ug/l		100
46) Dibromomethane	9.688	93	94179	51.601	ug/l		100
47) Bromodichloromethane	9.871	83	185222	50.382	ug/l		100
48) Methyl methacrylate	9.665	41	164476	54.899	ug/l		100
49) 1,4-Dioxane	9.682	88	52072	1134.802	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.429	43	1122857	266.771	ug/l		100
52) Toluene	10.612	92	313806	53.814	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	202129	54.327	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	205720	53.529	ug/l		100
55) 1,1,2-Trichloroethane	11.000	97	119612	50.666	ug/l		100
56) Ethyl methacrylate	10.859	69	204376	51.427	ug/l		100
57) 1,3-Dichloropropane	11.141	76	213343	52.267	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	562790	290.607	ug/l		100
59) 2-Hexanone	11.182	43	806824	288.920	ug/l		100
60) Dibromochloromethane	11.341	129	139955	51.982	ug/l		100
61) 1,2-Dibromoethane	11.453	107	125416	50.525	ug/l		100
64) Tetrachloroethene	11.088	164	96176	49.786	ug/l		100
65) Chlorobenzene	11.870	112	335833	49.837	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	117833	51.425	ug/l		100
67) Ethyl Benzene	11.947	91	582851	52.540	ug/l		100
68) m/p-Xylenes	12.053	106	455017	109.536	ug/l		100
69) o-Xylene	12.376	106	217121	54.717	ug/l		100
70) Styrene	12.394	104	376745	56.440	ug/l		100
71) Bromoform	12.559	173	98549	53.237	ug/l	#	100
73) Isopropylbenzene	12.676	105	538245	53.964	ug/l		100
74) N-amyl acetate	12.494	43	180343m	46.310	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	191273	50.964	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	188824m	53.705	ug/l		
77) Bromobenzene	12.959	156	137669	53.221	ug/l		100
78) n-propylbenzene	13.017	91	680506	54.227	ug/l		100
79) 2-Chlorotoluene	13.106	91	401444	52.051	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	464063	54.607	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.717	75	63993	49.271	ug/l		100
82) 4-Chlorotoluene	13.200	91	419474	52.240	ug/l		100
83) tert-Butylbenzene	13.417	119	383986	54.099	ug/l		100
84) 1,2,4-Trimethylbenzene	13.464	105	475982	54.846	ug/l		100
85) sec-Butylbenzene	13.594	105	565038	52.851	ug/l		100
86) p-Isopropyltoluene	13.706	119	473942	55.316	ug/l		100
87) 1,3-Dichlorobenzene	13.711	146	262675	51.740	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	269881	49.773	ug/l		100
89) n-Butylbenzene	14.035	91	437514	53.478	ug/l		100
90) Hexachloroethane	14.311	117	91313	50.301	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	249988	51.977	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47931	48.643	ug/l		100
93) 1,2,4-Trichlorobenzene	15.370	180	148472	52.553	ug/l		100
94) Hexachlorobutadiene	15.476	225	52130	49.659	ug/l		100
95) Naphthalene	15.617	128	545367	54.490	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	146080	51.547	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 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

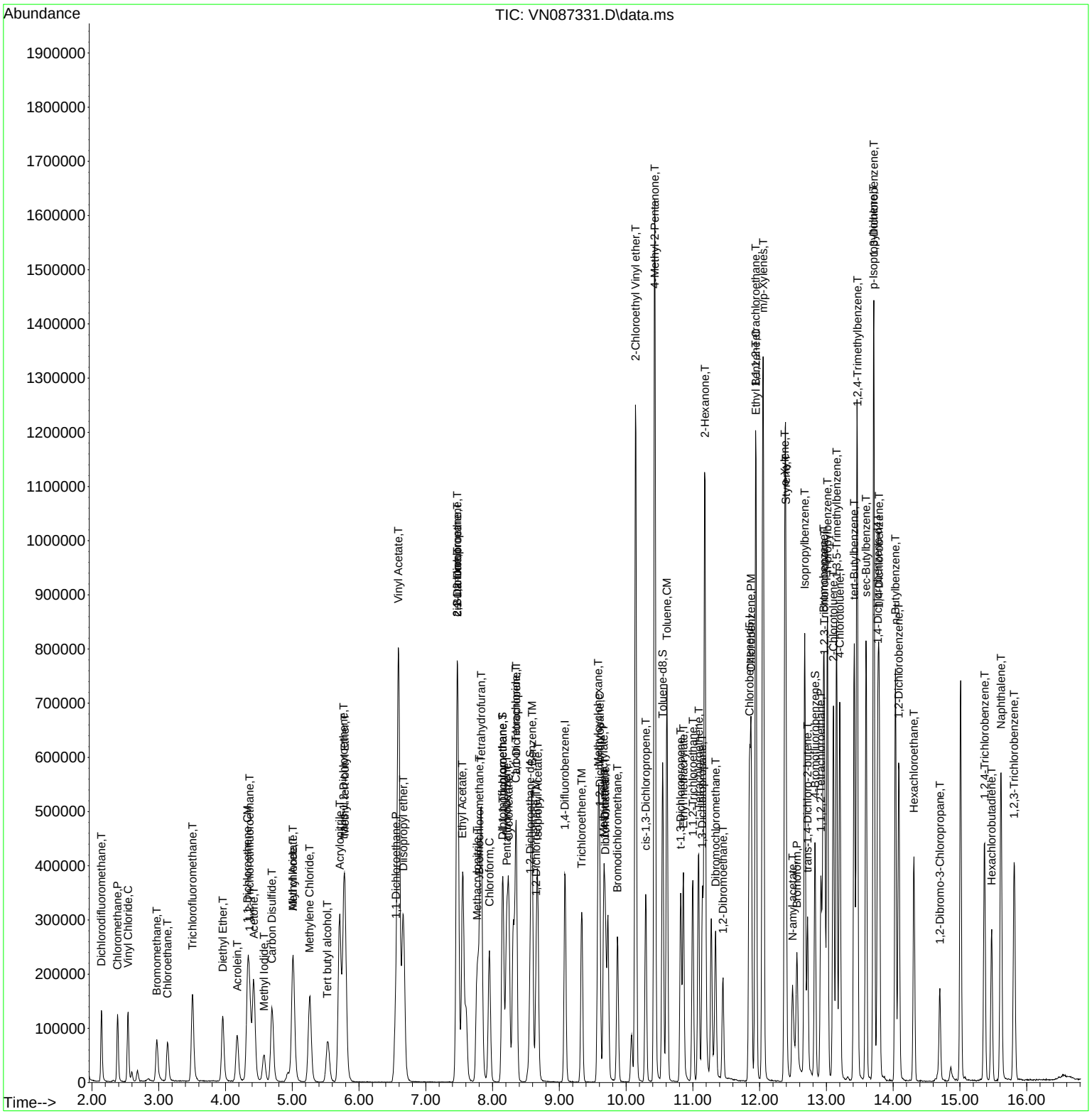
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	192275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	339591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	314849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	168489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	314416	96.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 192.740%#			
35) Dibromofluoromethane	8.153	113	236468	100.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.900%#			
50) Toluene-d8	10.547	98	852301	101.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 204.000%#			
62) 4-Bromofluorobenzene	12.829	95	323070	104.650	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 209.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	233197	114.190	ug/l	92
3) Chloromethane	2.383	50	253369	98.660	ug/l	98
4) Vinyl Chloride	2.542	62	266221	104.312	ug/l	94
5) Bromomethane	2.959	94	136793	103.503	ug/l	96
6) Chloroethane	3.124	64	159422	95.783	ug/l	92
7) Trichlorofluoromethane	3.501	101	369032	97.786	ug/l	98
8) Diethyl Ether	3.959	74	142652	97.445	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	188841	97.477	ug/l	100
10) Methyl Iodide	4.571	142	213127	100.524	ug/l	99
11) Tert butyl alcohol	5.536	59	309615	499.800	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197760	90.083	ug/l	95
13) Acrolein	4.177	56	250115	503.102	ug/l	99
14) Allyl chloride	5.006	41	382812	96.355	ug/l	100
15) Acrylonitrile	5.706	53	839080	499.150	ug/l	100
16) Acetone	4.424	43	693485	448.375	ug/l	96
17) Carbon Disulfide	4.695	76	631695	97.056	ug/l	95
18) Methyl Acetate	5.012	43	369894	96.247	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	818763	101.186	ug/l	98
20) Methylene Chloride	5.259	84	251830	98.001	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	237704	96.030	ug/l	94
22) Diisopropyl ether	6.659	45	832709	99.921	ug/l	96
23) Vinyl Acetate	6.594	43	3859420	529.516	ug/l	97
24) 1,1-Dichloroethane	6.553	63	455820	94.807	ug/l	100
25) 2-Butanone	7.471	43	1185700	501.667	ug/l	98
26) 2,2-Dichloropropane	7.477	77	358596	95.932	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	284578	99.858	ug/l	98
28) Bromochloromethane	7.800	49	229544	99.757	ug/l	100
29) Tetrahydrofuran	7.830	42	768521	500.532	ug/l	98
30) Chloroform	7.953	83	466838	97.008	ug/l	99
31) Cyclohexane	8.241	56	377159	94.035	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	403445	96.794	ug/l	97
36) 1,1-Dichloropropene	8.353	75	324047	104.705	ug/l	99
37) Ethyl Acetate	7.547	43	448428	100.326	ug/l	99
38) Carbon Tetrachloride	8.347	117	342043	100.328	ug/l	99
39) Methylcyclohexane	9.582	83	352211	105.118	ug/l	96
40) Benzene	8.588	78	1007257	100.700	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	239659	102.544	ug/l		99
42) 1,2-Dichloroethane	8.653	62	369731	97.472	ug/l		99
43) Isopropyl Acetate	8.677	43	704936	101.598	ug/l		99
44) Trichloroethene	9.335	130	230373	97.472	ug/l		93
45) 1,2-Dichloropropane	9.606	63	255369	100.478	ug/l		96
46) Dibromomethane	9.694	93	185908	97.696	ug/l		98
47) Bromodichloromethane	9.871	83	375910	98.072	ug/l		97
48) Methyl methacrylate	9.665	41	334941	107.228	ug/l		97
49) 1,4-Dioxane	9.688	88	102159	2135.348	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.429	43	2234274	509.127	ug/l		100
52) Toluene	10.612	92	622259	102.349	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	412142	106.245	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	421386	105.164	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	242683	98.595	ug/l		97
56) Ethyl methacrylate	10.859	69	425458	98.980	ug/l		98
57) 1,3-Dichloropropane	11.147	76	431753	101.453	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1052628	521.327	ug/l		99
59) 2-Hexanone	11.176	43	1631949	560.508	ug/l		99
60) Dibromochloromethane	11.341	129	287682	102.484	ug/l		99
61) 1,2-Dibromoethane	11.453	107	258936	100.051	ug/l		98
64) Tetrachloroethene	11.082	164	195044	96.252	ug/l		97
65) Chlorobenzene	11.871	112	687696	97.289	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	239722	99.736	ug/l		99
67) Ethyl Benzene	11.947	91	1199510	103.080	ug/l		99
68) m/p-Xylenes	12.053	106	924069	212.065	ug/l		99
69) o-Xylene	12.376	106	447092	107.413	ug/l		100
70) Styrene	12.394	104	766471	109.464	ug/l		98
71) Bromoform	12.559	173	202915	104.498	ug/l	#	99
73) Isopropylbenzene	12.676	105	1112821	104.940	ug/l		100
74) N-amyl acetate	12.482	43	464246	112.129	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.918	83	389392	97.587	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	326434m	87.327	ug/l		
77) Bromobenzene	12.959	156	279589	101.662	ug/l		100
78) n-propylbenzene	13.018	91	1384517	103.771	ug/l		99
79) 2-Chlorotoluene	13.106	91	840073	102.452	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	943119	104.383	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	140673	101.874	ug/l		96
82) 4-Chlorotoluene	13.200	91	859965	100.734	ug/l		99
83) tert-Butylbenzene	13.418	119	800700	106.106	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	967878	104.898	ug/l		100
85) sec-Butylbenzene	13.594	105	1141320	100.410	ug/l		98
86) p-Isopropyltoluene	13.706	119	975014	107.037	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	535172	99.151	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	548212	95.097	ug/l		99
89) n-Butylbenzene	14.035	91	880763	101.260	ug/l		99
90) Hexachloroethane	14.312	117	185973	96.358	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	508902	99.523	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	97572	93.137	ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	310448	103.357	ug/l		99
94) Hexachlorobutadiene	15.476	225	106429	95.360	ug/l		98
95) Naphthalene	15.611	128	1162930	109.289	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	308888	102.519	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 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

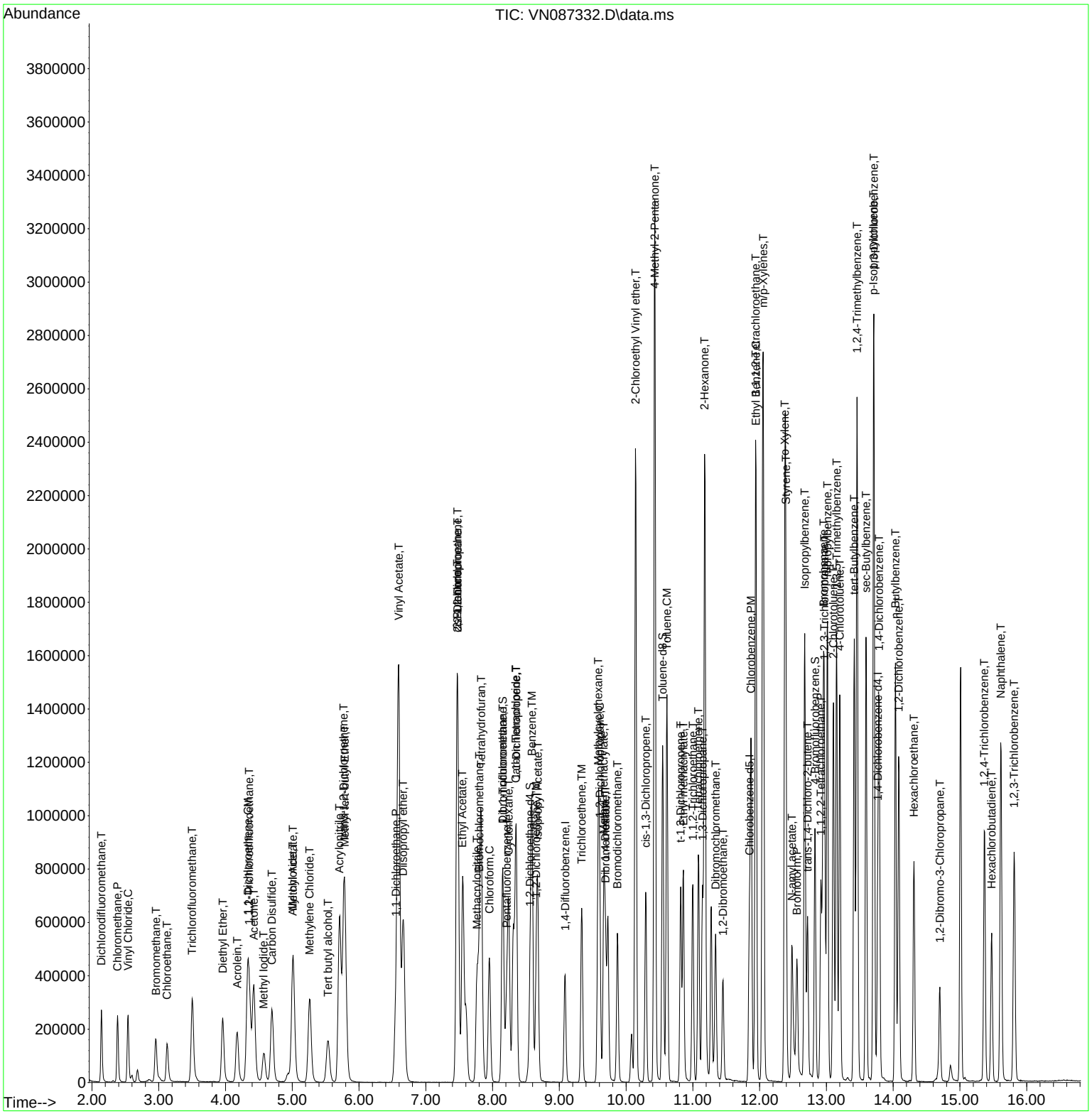
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	193853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	344966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	317026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	165077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	501760	152.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 305.080%#			
35) Dibromofluoromethane	8.153	113	368306	154.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 309.560%#			
50) Toluene-d8	10.547	98	1362098	160.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 320.940%#			
62) 4-Bromofluorobenzene	12.829	95	522221	166.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 333.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	363327	176.463	ug/l	95
3) Chloromethane	2.383	50	405800	156.728	ug/l	99
4) Vinyl Chloride	2.542	62	418507	162.646	ug/l	94
5) Bromomethane	2.942	94	215335	161.604	ug/l	95
6) Chloroethane	3.118	64	249466	148.663	ug/l	100
7) Trichlorofluoromethane	3.501	101	585457	153.872	ug/l	97
8) Diethyl Ether	3.959	74	228544	154.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	296076	151.587	ug/l	99
10) Methyl Iodide	4.571	142	328079	150.516	ug/l	99
11) Tert butyl alcohol	5.536	59	478279	765.784	ug/l	100
12) 1,1-Dichloroethene	4.330	96	312325	141.111	ug/l	97
13) Acrolein	4.177	56	415488	828.945	ug/l	100
14) Allyl chloride	5.006	41	663403	165.621	ug/l	91
15) Acrylonitrile	5.706	53	1279363	754.869	ug/l	100
16) Acetone	4.424	43	1064061	682.373	ug/l	96
17) Carbon Disulfide	4.695	76	1011315	154.118	ug/l	95
18) Methyl Acetate	5.012	43	577536	149.052	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	1286728	157.724	ug/l	95
20) Methylene Chloride	5.259	84	390988	151.266	ug/l	94
21) trans-1,2-Dichloroethene	5.765	96	356549	142.870	ug/l	96
22) Diisopropyl ether	6.659	45	1280267	152.375	ug/l	99
23) Vinyl Acetate	6.589	43	5943020	808.750	ug/l	98
24) 1,1-Dichloroethane	6.553	63	704727	145.384	ug/l	98
25) 2-Butanone	7.477	43	1797146	754.179	ug/l	98
26) 2,2-Dichloropropane	7.477	77	547190	145.193	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	437021	152.102	ug/l	99
28) Bromochloromethane	7.800	49	339529	146.355	ug/l	100
29) Tetrahydrofuran	7.830	42	1166702	753.679	ug/l	98
30) Chloroform	7.953	83	717424	147.865	ug/l	98
31) Cyclohexane	8.241	56	582988	144.170	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	630986	150.152	ug/l	98
36) 1,1-Dichloropropene	8.353	75	503793	160.248	ug/l	99
37) Ethyl Acetate	7.553	43	692256	152.464	ug/l	98
38) Carbon Tetrachloride	8.347	117	535575	154.647	ug/l	98
39) Methylcyclohexane	9.583	83	559851	164.485	ug/l	98
40) Benzene	8.588	78	1550984	152.642	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	375482	158.156	ug/l		99
42) 1,2-Dichloroethane	8.653	62	571634	148.352	ug/l		100
43) Isopropyl Acetate	8.677	43	1091736	154.893	ug/l		99
44) Trichloroethene	9.335	130	364760	151.927	ug/l		96
45) 1,2-Dichloropropane	9.606	63	391676	151.708	ug/l		97
46) Dibromomethane	9.694	93	287252	148.602	ug/l		98
47) Bromodichloromethane	9.871	83	584546	150.128	ug/l		99
48) Methyl methacrylate	9.665	41	520990	164.191	ug/l		99
49) 1,4-Dioxane	9.688	88	157400	3238.745	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.430	43	3375607	757.219	ug/l		99
52) Toluene	10.612	92	961314	155.654	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	640188	162.462	ug/l		94
54) cis-1,3-Dichloropropene	10.294	75	654301	160.747	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	365858	146.322	ug/l		99
56) Ethyl methacrylate	10.859	69	679202	150.296	ug/l		96
57) 1,3-Dichloropropane	11.147	76	662154	153.168	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1717427	837.324	ug/l		100
59) 2-Hexanone	11.177	43	2477578	837.689	ug/l		98
60) Dibromochloromethane	11.341	129	448307	157.217	ug/l		99
61) 1,2-Dibromoethane	11.453	107	402978	153.282	ug/l		97
64) Tetrachloroethene	11.082	164	301404	147.718	ug/l		97
65) Chlorobenzene	11.871	112	1066757	149.878	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	375162	155.013	ug/l		98
67) Ethyl Benzene	11.941	91	1881920	160.613	ug/l		99
68) m/p-Xylenes	12.053	106	1437290	327.579	ug/l		98
69) o-Xylene	12.376	106	698363	166.628	ug/l		98
70) Styrene	12.394	104	1195068	169.502	ug/l		99
71) Bromoform	12.559	173	320960	164.154	ug/l	#	99
73) Isopropylbenzene	12.676	105	1747567	168.203	ug/l		100
74) N-amyl acetate	12.482	43	750104	184.917	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.918	83	581568	148.761	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	504791m	137.832	ug/l		
77) Bromobenzene	12.959	156	433814	161.001	ug/l		99
78) n-propylbenzene	13.018	91	2127215	162.733	ug/l		100
79) 2-Chlorotoluene	13.106	91	1290205	160.600	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	1465159	165.514	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	224191	165.713	ug/l		95
82) 4-Chlorotoluene	13.200	91	1336462	159.785	ug/l		100
83) tert-Butylbenzene	13.418	119	1230683	166.457	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	1502651	166.222	ug/l		100
85) sec-Butylbenzene	13.594	105	1767949	158.754	ug/l		99
86) p-Isopropyltoluene	13.706	119	1501303	168.219	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	828885	156.742	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	830255	147.000	ug/l		99
89) n-Butylbenzene	14.035	91	1367813	160.505	ug/l		98
90) Hexachloroethane	14.312	117	292183	154.518	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	784106	156.513	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	151090	147.203	ug/l		93
93) 1,2,4-Trichlorobenzene	15.370	180	492237	167.266	ug/l		99
94) Hexachlorobutadiene	15.476	225	163922	149.909	ug/l		99
95) Naphthalene	15.612	128	1880423	180.370	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	491195	166.396	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 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

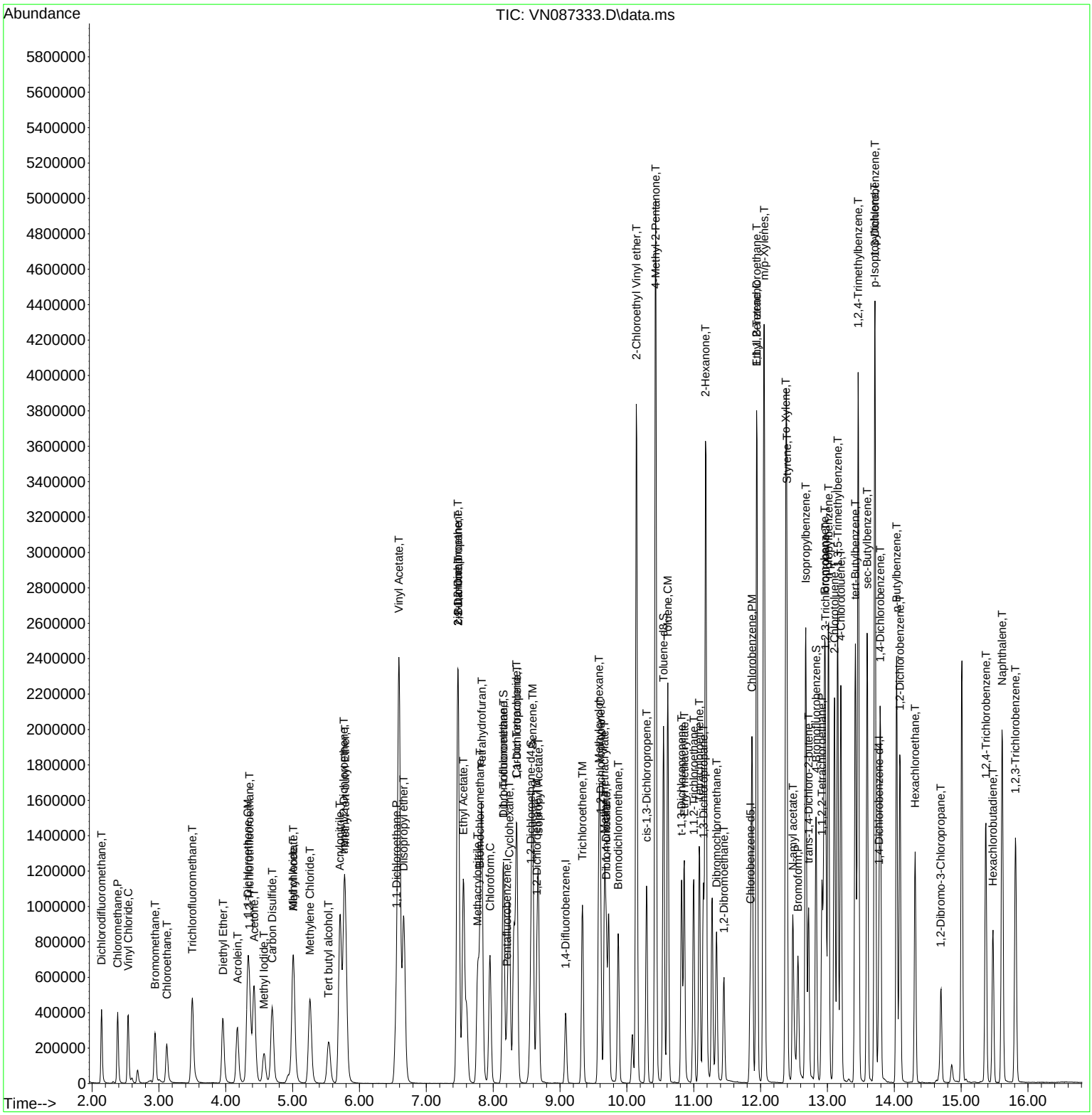
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	198299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	343165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	319692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	166959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	162194	48.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.400%			
35) Dibromofluoromethane	8.153	113	118201	49.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	10.547	98	435474	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.829	95	165160	52.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	122218	58.029	ug/l	94
3) Chloromethane	2.383	50	135040	50.986	ug/l	99
4) Vinyl Chloride	2.542	62	141054	53.589	ug/l	93
5) Bromomethane	2.971	94	79496	58.322	ug/l	100
6) Chloroethane	3.130	64	84406	49.172	ug/l	97
7) Trichlorofluoromethane	3.506	101	192022	49.336	ug/l	93
8) Diethyl Ether	3.959	74	76789	50.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	98940	49.520	ug/l	99
10) Methyl Iodide	4.577	142	103627	50.369	ug/l	98
11) Tert butyl alcohol	5.530	59	167953	262.884	ug/l	99
12) 1,1-Dichloroethene	4.330	96	102861	45.432	ug/l	97
13) Acrolein	4.171	56	142098	277.145	ug/l	97
14) Allyl chloride	5.006	41	200790	49.004	ug/l	99
15) Acrylonitrile	5.706	53	437956	252.616	ug/l	99
16) Acetone	4.424	43	375335	237.913	ug/l	100
17) Carbon Disulfide	4.700	76	335264	49.947	ug/l	96
18) Methyl Acetate	5.018	43	194657	49.111	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	425099	50.939	ug/l	94
20) Methylene Chloride	5.265	84	131885	49.445	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	120707	47.283	ug/l	97
22) Diisopropyl ether	6.659	45	439978	51.191	ug/l	97
23) Vinyl Acetate	6.594	43	2052885	273.101	ug/l	98
24) 1,1-Dichloroethane	6.553	63	238854	48.170	ug/l	99
25) 2-Butanone	7.477	43	622581	255.411	ug/l	98
26) 2,2-Dichloropropane	7.477	77	176180	45.700	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	148552	50.543	ug/l	96
28) Bromochloromethane	7.800	49	116494	49.089	ug/l	98
29) Tetrahydrofuran	7.830	42	412353	260.404	ug/l	100
30) Chloroform	7.947	83	239752	48.306	ug/l	100
31) Cyclohexane	8.241	56	202863	49.042	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	212405	49.412	ug/l	99
36) 1,1-Dichloropropene	8.353	75	167912	53.690	ug/l	99
37) Ethyl Acetate	7.553	43	241759	53.525	ug/l	99
38) Carbon Tetrachloride	8.347	117	181974	52.821	ug/l	90
39) Methylcyclohexane	9.582	83	179820	53.109	ug/l	96
40) Benzene	8.588	78	529446	52.380	ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	127286	53.895	ug/l		98
42) 1,2-Dichloroethane	8.653	62	194804	50.821	ug/l		98
43) Isopropyl Acetate	8.677	43	374957	53.477	ug/l		100
44) Trichloroethene	9.335	130	118775	49.731	ug/l		95
45) 1,2-Dichloropropane	9.606	63	135864	52.900	ug/l		99
46) Dibromomethane	9.688	93	98534	51.241	ug/l		98
47) Bromodichloromethane	9.871	83	200236	51.696	ug/l		97
48) Methyl methacrylate	9.665	41	177068	56.096	ug/l		99
49) 1,4-Dioxane	9.682	88	56917	1177.300	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.429	43	1192765	268.966	ug/l		99
52) Toluene	10.612	92	320922	52.236	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	214141	54.628	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	216023	53.351	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	124090	49.889	ug/l		97
56) Ethyl methacrylate	10.859	69	222410	53.042	ug/l		98
57) 1,3-Dichloropropane	11.147	76	224493	52.202	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	581689	285.088	ug/l		99
59) 2-Hexanone	11.176	43	849057	288.579	ug/l		100
60) Dibromochloromethane	11.341	129	149449	52.685	ug/l		100
61) 1,2-Dibromoethane	11.447	107	135330	51.746	ug/l		94
64) Tetrachloroethene	11.082	164	98391	47.819	ug/l		97
65) Chlorobenzene	11.870	112	347934	48.477	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	123321	50.530	ug/l		99
67) Ethyl Benzene	11.947	91	608779	51.523	ug/l		99
68) m/p-Xylenes	12.053	106	465762	105.269	ug/l		97
69) o-Xylene	12.376	106	224934	53.221	ug/l		99
70) Styrene	12.394	104	387319	54.477	ug/l		98
71) Bromoform	12.559	173	102502	51.987	ug/l	#	99
73) Isopropylbenzene	12.676	105	573938	54.619	ug/l		100
74) N-amyl acetate	12.494	43	218170m	49.972	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	203947	51.580	ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	175797m	46.955	ug/l		
77) Bromobenzene	12.959	156	142714	52.368	ug/l		99
78) n-propylbenzene	13.012	91	709437	53.661	ug/l		99
79) 2-Chlorotoluene	13.106	91	426373	52.475	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	484100	54.071	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	69894	51.080	ug/l		97
82) 4-Chlorotoluene	13.200	91	443817	52.464	ug/l		99
83) tert-Butylbenzene	13.417	119	413882	55.349	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	500792	54.773	ug/l		99
85) sec-Butylbenzene	13.594	105	594712	52.800	ug/l		98
86) p-Isopropyltoluene	13.706	119	496291	54.982	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	277102	51.809	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	282084	49.381	ug/l		99
89) n-Butylbenzene	14.035	91	458964	53.250	ug/l		99
90) Hexachloroethane	14.312	117	93464	48.870	ug/l		95
91) 1,2-Dichlorobenzene	14.088	146	260874	51.485	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	50904	49.035	ug/l		97
93) 1,2,4-Trichlorobenzene	15.370	180	155818	52.351	ug/l		99
94) Hexachlorobutadiene	15.476	225	55599	50.273	ug/l		98
95) Naphthalene	15.617	128	586097	55.585	ug/l		98
96) 1,2,3-Trichlorobenzene	15.811	180	157909	52.890	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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\VN071625\
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Quant Title : SW846 8260
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Instrument :
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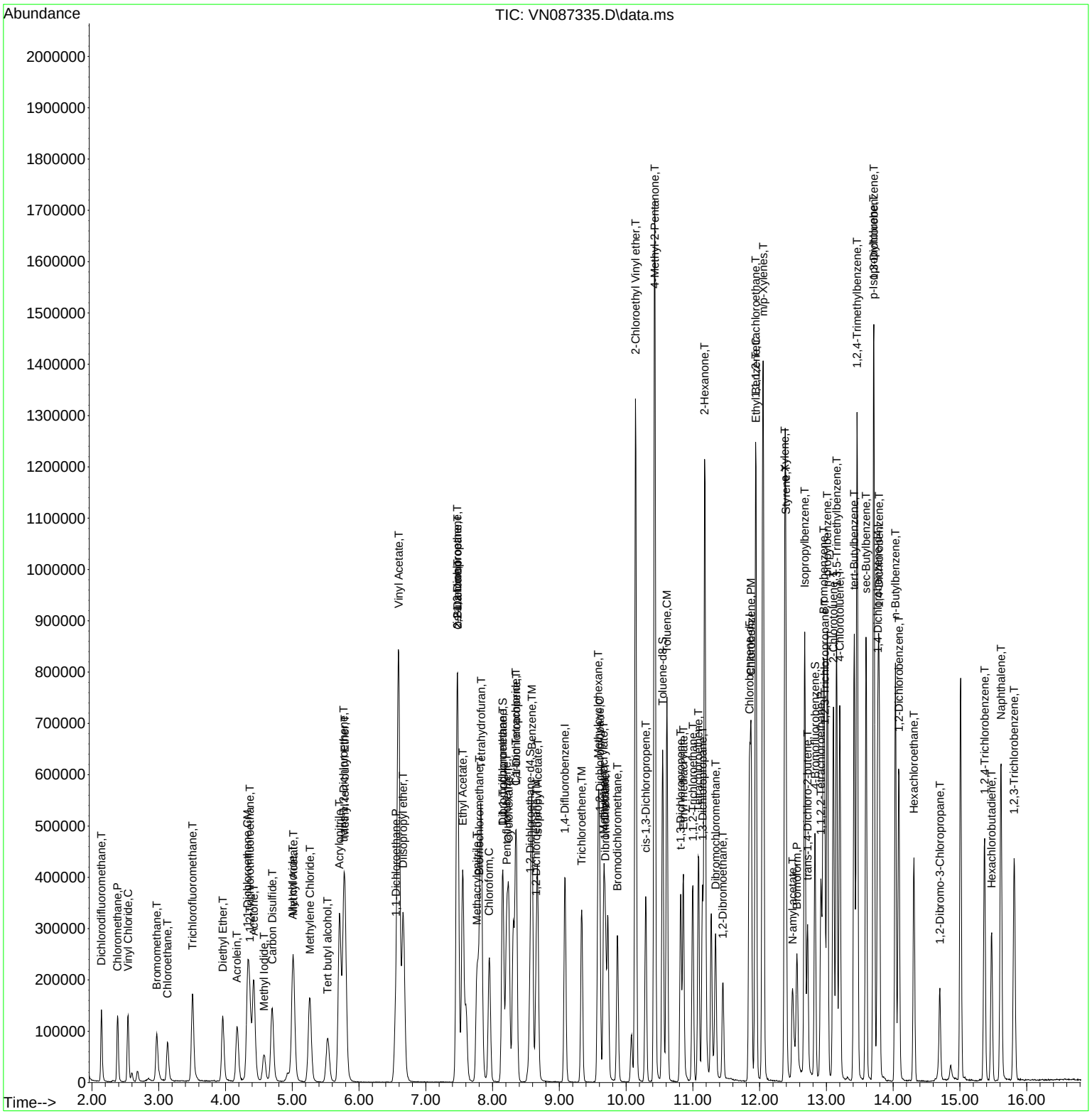
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	108	0.00
2	T	Dichlorodifluoromethane	0.531	0.616	-16.0	107	0.00
3	P	Chloromethane	0.668	0.681	-1.9	107	0.00
4	C	Vinyl Chloride	0.664	0.711	-7.1#	106	0.00
5	T	Bromomethane	0.344	0.401	-16.6	122	0.00
6	T	Chloroethane	0.433	0.426	1.6	105	0.00
7	T	Trichlorofluoromethane	0.981	0.968	1.3	103	0.00
8	T	Diethyl Ether	0.381	0.387	-1.6	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.504	0.499	1.0	103	0.00
10	T	Methyl Iodide	0.452	0.523	-15.7	115	0.00
11	T	Tert butyl alcohol	0.161	0.169	-5.0	114	0.00
12	CM	1,1-Dichloroethene	0.571	0.519	9.1#	103	0.00
13	T	Acrolein	0.129	0.143	-10.9	128	0.00
14	T	Allyl chloride	1.033	1.013	1.9	110	0.00
15	T	Acrylonitrile	0.437	0.442	-1.1	106	0.00
16	T	Acetone	0.398	0.379	4.8	106	0.00
17	T	Carbon Disulfide	1.693	1.691	0.1	106	0.00
18	T	Methyl Acetate	0.999	0.982	1.7	107	0.00
19	T	Methyl tert-butyl Ether	2.104	2.144	-1.9	107	0.00
20	T	Methylene Chloride	0.766	0.665	13.2	107	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.609	5.4	101	0.00
22	T	Diisopropyl ether	2.167	2.219	-2.4	105	0.00
23	T	Vinyl Acetate	1.895	2.070	-9.2	106	0.00
24	P	1,1-Dichloroethane	1.250	1.205	3.6	107	0.00
25	T	2-Butanone	0.615	0.628	-2.1	106	0.00
26	T	2,2-Dichloropropane	0.972	0.888	8.6	98	0.00
27	T	cis-1,2-Dichloroethene	0.741	0.749	-1.1	106	0.00
28	T	Bromochloromethane	0.598	0.587	1.8	107	0.00
29	T	Tetrahydrofuran	0.399	0.416	-4.3	106	0.00
30	C	Chloroform	1.251	1.209	3.4#	103	0.00
31	T	Cyclohexane	1.043	1.023	1.9	106	0.00
32	T	1,1,1-Trichloroethane	1.084	1.071	1.2	107	0.00
33	S	1,2-Dichloroethane-d4	0.848	0.818	3.5	111	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.345	0.344	0.3	109	0.00
36	T	1,1-Dichloropropene	0.456	0.489	-7.2	106	0.00
37	T	Ethyl Acetate	0.658	0.704	-7.0	105	0.00
38	T	Carbon Tetrachloride	0.502	0.530	-5.6	108	0.00
39	T	Methylcyclohexane	0.493	0.524	-6.3	104	0.00
40	TM	Benzene	1.473	1.543	-4.8	105	0.00
41	T	Methacrylonitrile	0.344	0.371	-7.8	106	0.00
42	TM	1,2-Dichloroethane	0.558	0.568	-1.8	105	0.00
43	T	Isopropyl Acetate	1.022	1.093	-6.9	108	0.00
44	TM	Trichloroethene	0.348	0.346	0.6	102	0.00
45	C	1,2-Dichloropropane	0.374	0.396	-5.9#	106	0.00
46	T	Dibromomethane	0.280	0.287	-2.5	105	0.00
47	T	Bromodichloromethane	0.564	0.583	-3.4	108	0.00
48	T	Methyl methacrylate	0.460	0.516	-12.2	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.008	-14.3	109	0.00
50	S	Toluene-d8	1.230	1.269	-3.2	109	0.00
51	T	4-Methyl-2-Pentanone	0.646	0.695	-7.6	106	0.00
52	CM	Toluene	0.895	0.935	-4.5#	102	0.00
53	T	t-1,3-Dichloropropene	0.571	0.624	-9.3	106	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.630	-6.8	105	0.00
55	T	1,1,2-Trichloroethane	0.362	0.362	0.0	104	0.00
56	T	Ethyl methacrylate	0.552	0.648	-17.4	109	0.00
57	T	1,3-Dichloropropane	0.627	0.654	-4.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.339	-14.1	103	0.00
59	T	2-Hexanone	0.429	0.495	-15.4	105	0.00
60	T	Dibromochloromethane	0.413	0.436	-5.6	107	0.00
61	T	1,2-Dibromoethane	0.381	0.394	-3.4	108	0.00
62	S	4-Bromofluorobenzene	0.455	0.481	-5.7	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.322	0.308	4.3	102	0.00
65	PM	Chlorobenzene	1.123	1.088	3.1	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.386	-1.0	105	0.00
67	C	Ethyl Benzene	1.848	1.904	-3.0#	104	0.00
68	T	m/p-Xylenes	0.692	0.728	-5.2	102	0.00
69	T	o-Xylene	0.661	0.704	-6.5	104	0.00
70	T	Styrene	1.112	1.212	-9.0	103	0.00
71	P	Bromoform	0.308	0.321	-4.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.147	3.438	-9.2	107	0.00
74	T	N-amyl acetate	1.307	1.307	0.0	121	0.00
75	P	1,1,2,2-Tetrachloroethane	1.184	1.222	-3.2	107	0.00
76	T	1,2,3-Trichloropropane	1.121	1.053	6.1	93	0.00
77	T	Bromobenzene	0.816	0.855	-4.8	104	0.00
78	T	n-propylbenzene	3.959	4.249	-7.3	104	0.00
79	T	2-Chlorotoluene	2.433	2.554	-5.0	106	0.00
80	T	1,3,5-Trimethylbenzene	2.681	2.900	-8.2	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.419	-2.2	109	0.00
82	T	4-Chlorotoluene	2.533	2.658	-4.9	106	0.00
83	T	tert-Butylbenzene	2.239	2.479	-10.7	108	0.00
84	T	1,2,4-Trimethylbenzene	2.738	2.999	-9.5	105	0.00
85	T	sec-Butylbenzene	3.373	3.562	-5.6	105	0.00
86	T	p-Isopropyltoluene	2.703	2.973	-10.0	105	0.00
87	T	1,3-Dichlorobenzene	1.602	1.660	-3.6	105	0.00
88	T	1,4-Dichlorobenzene	1.711	1.690	1.2	105	0.00
89	T	n-Butylbenzene	2.581	2.749	-6.5	105	0.00
90	T	Hexachloroethane	0.573	0.560	2.3	102	0.00
91	T	1,2-Dichlorobenzene	1.517	1.563	-3.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.305	1.9	106	0.00
93	T	1,2,4-Trichlorobenzene	0.891	0.933	-4.7	105	0.00
94	T	Hexachlorobutadiene	0.331	0.333	-0.6	107	0.00
95	T	Naphthalene	3.158	3.510	-11.1	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.894	0.946	-5.8	108	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\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	58.029	-16.1	107	0.00
3	P	Chloromethane	50.000	50.986	-2.0	107	0.00
4	C	Vinyl Chloride	50.000	53.589	-7.2#	106	0.00
5	T	Bromomethane	50.000	58.322	-16.6	122	0.00
6	T	Chloroethane	50.000	49.172	1.7	105	0.00
7	T	Trichlorofluoromethane	50.000	49.336	1.3	103	0.00
8	T	Diethyl Ether	50.000	50.861	-1.7	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.520	1.0	103	0.00
10	T	Methyl Iodide	50.000	50.369	-0.7	115	0.00
11	T	Tert butyl alcohol	250.000	262.884	-5.2	114	0.00
12	CM	1,1-Dichloroethene	50.000	45.432	9.1#	103	0.00
13	T	Acrolein	250.000	277.145	-10.9	128	0.00
14	T	Allyl chloride	50.000	49.004	2.0	110	0.00
15	T	Acrylonitrile	250.000	252.616	-1.0	106	0.00
16	T	Acetone	250.000	237.913	4.8	106	0.00
17	T	Carbon Disulfide	50.000	49.947	0.1	106	0.00
18	T	Methyl Acetate	50.000	49.111	1.8	107	0.00
19	T	Methyl tert-butyl Ether	50.000	50.939	-1.9	107	0.00
20	T	Methylene Chloride	50.000	49.445	1.1	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.283	5.4	101	0.00
22	T	Diisopropyl ether	50.000	51.191	-2.4	105	0.00
23	T	Vinyl Acetate	250.000	273.101	-9.2	106	0.00
24	P	1,1-Dichloroethane	50.000	48.170	3.7	107	0.00
25	T	2-Butanone	250.000	255.411	-2.2	106	0.00
26	T	2,2-Dichloropropane	50.000	45.700	8.6	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.543	-1.1	106	0.00
28	T	Bromochloromethane	50.000	49.089	1.8	107	0.00
29	T	Tetrahydrofuran	250.000	260.404	-4.2	106	0.00
30	C	Chloroform	50.000	48.306	3.4#	103	0.00
31	T	Cyclohexane	50.000	49.042	1.9	106	0.00
32	T	1,1,1-Trichloroethane	50.000	49.412	1.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.204	3.6	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	49.934	0.1	109	0.00
36	T	1,1-Dichloropropene	50.000	53.690	-7.4	106	0.00
37	T	Ethyl Acetate	50.000	53.525	-7.0	105	0.00
38	T	Carbon Tetrachloride	50.000	52.821	-5.6	108	0.00
39	T	Methylcyclohexane	50.000	53.109	-6.2	104	0.00
40	TM	Benzene	50.000	52.380	-4.8	105	0.00
41	T	Methacrylonitrile	50.000	53.895	-7.8	106	0.00
42	TM	1,2-Dichloroethane	50.000	50.821	-1.6	105	0.00
43	T	Isopropyl Acetate	50.000	53.477	-7.0	108	0.00
44	TM	Trichloroethene	50.000	49.731	0.5	102	0.00
45	C	1,2-Dichloropropane	50.000	52.900	-5.8#	106	0.00
46	T	Dibromomethane	50.000	51.241	-2.5	105	0.00
47	T	Bromodichloromethane	50.000	51.696	-3.4	108	0.00
48	T	Methyl methacrylate	50.000	56.096	-12.2	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	1177.300	-17.7	109	0.00
50	S	Toluene-d8	50.000	51.573	-3.1	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.966	-7.6	106	0.00
52	CM	Toluene	50.000	52.236	-4.5#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	54.628	-9.3	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.351	-6.7	105	0.00
55	T	1,1,2-Trichloroethane	50.000	49.889	0.2	104	0.00
56	T	Ethyl methacrylate	50.000	53.042	-6.1	109	0.00
57	T	1,3-Dichloropropane	50.000	52.202	-4.4	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.088	-14.0	103	0.00
59	T	2-Hexanone	250.000	288.579	-15.4	105	0.00
60	T	Dibromochloromethane	50.000	52.685	-5.4	107	0.00
61	T	1,2-Dibromoethane	50.000	51.746	-3.5	108	0.00
62	S	4-Bromofluorobenzene	50.000	52.942	-5.9	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	47.819	4.4	102	0.00
65	PM	Chlorobenzene	50.000	48.477	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.530	-1.1	105	0.00
67	C	Ethyl Benzene	50.000	51.523	-3.0#	104	0.00
68	T	m/p-Xylenes	100.000	105.269	-5.3	102	0.00
69	T	o-Xylene	50.000	53.221	-6.4	104	0.00
70	T	Styrene	50.000	54.477	-9.0	103	0.00
71	P	Bromoform	50.000	51.987	-4.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	54.619	-9.2	107	0.00
74	T	N-amyl acetate	50.000	49.972	0.1	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.580	-3.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	46.955	6.1	93	0.00
77	T	Bromobenzene	50.000	52.368	-4.7	104	0.00
78	T	n-propylbenzene	50.000	53.661	-7.3	104	0.00
79	T	2-Chlorotoluene	50.000	52.475	-5.0	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.071	-8.1	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.080	-2.2	109	0.00
82	T	4-Chlorotoluene	50.000	52.464	-4.9	106	0.00
83	T	tert-Butylbenzene	50.000	55.349	-10.7	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.773	-9.5	105	0.00
85	T	sec-Butylbenzene	50.000	52.800	-5.6	105	0.00
86	T	p-Isopropyltoluene	50.000	54.982	-10.0	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.809	-3.6	105	0.00
88	T	1,4-Dichlorobenzene	50.000	49.381	1.2	105	0.00
89	T	n-Butylbenzene	50.000	53.250	-6.5	105	0.00
90	T	Hexachloroethane	50.000	48.870	2.3	102	0.00
91	T	1,2-Dichlorobenzene	50.000	51.485	-3.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.035	1.9	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.351	-4.7	105	0.00
94	T	Hexachlorobutadiene	50.000	50.273	-0.5	107	0.00
95	T	Naphthalene	50.000	55.585	-11.2	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.890	-5.8	108	0.00

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

Raw Data: **VN087368.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:	Alliance	Contract:	ENVI60
Lab Code:	ACE	SDG No.:	Q2646
Instrument ID:	MSVOA_N	Calibration Date/Time:	07/21/2025 10:38
Lab File ID:	VN087368.D	Init. Calib. Date(s):	07/16/2025 07/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	17:05 18:54

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.655		23.35	20
Chloromethane	0.668	0.678	0.1	1.5	20
Vinyl Chloride	0.664	0.725		9.19	20
Bromomethane	0.344	0.335		-2.62	20
Chloroethane	0.433	0.443		2.31	20
Trichlorofluoromethane	0.981	1.080		10.09	20
1,1,2-Trichlorotrifluoroethane	0.504	0.578		14.68	20
1,1-Dichloroethene	0.571	0.556		-2.63	20
Acetone	0.398	0.354		-11.06	20
Carbon Disulfide	1.693	1.786		5.49	20
Methyl tert-butyl Ether	2.104	2.165		2.9	20
Methyl Acetate	0.999	0.952		-4.7	20
Methylene Chloride	0.766	0.680		-11.23	20
trans-1,2-Dichloroethene	0.644	0.639		-0.78	20
1,1-Dichloroethane	1.250	1.246	0.1	-0.32	20
Cyclohexane	1.043	1.138		9.11	20
2-Butanone	0.615	0.586		-4.72	20
Carbon Tetrachloride	0.502	0.596		18.73	20
cis-1,2-Dichloroethene	0.741	0.765		3.24	20
Bromochloromethane	0.598	0.602		0.67	20
Chloroform	1.251	1.287		2.88	20
1,1,1-Trichloroethane	1.084	1.134		4.61	20
Methylcyclohexane	0.493	0.642		30.22	20
Benzene	1.473	1.638		11.2	20
1,2-Dichloroethane	0.558	0.595		6.63	20
Trichloroethene	0.348	0.383		10.06	20
1,2-Dichloropropane	0.374	0.421		12.57	20
Bromodichloromethane	0.564	0.593		5.14	20
4-Methyl-2-Pentanone	0.646	0.672		4.03	20
Toluene	0.895	1.007		12.51	20
t-1,3-Dichloropropene	0.571	0.634		11.03	20
cis-1,3-Dichloropropene	0.590	0.666		12.88	20
1,1,2-Trichloroethane	0.362	0.377		4.14	20
2-Hexanone	0.429	0.471		9.79	20
Dibromochloromethane	0.413	0.442		7.02	20
1,2-Dibromoethane	0.381	0.399		4.72	20
Tetrachloroethene	0.322	0.364		13.04	20
Chlorobenzene	1.123	1.199	0.3	6.77	20

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

Raw Data: **VN087368.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG No.: Q2646

Instrument ID: MSVOA_N | Calibration Date/Time: 07/21/2025 10:38

Lab File ID: VN087368.D | Init. Calib. Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 17:05 18:54

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.848	2.112		14.29	20
m/p-Xylenes	0.692	0.827		19.51	20
o-Xylene	0.661	0.783		18.46	20
Styrene	1.112	1.331		19.69	20
Bromoform	0.308	0.332	0.1	7.79	20
Isopropylbenzene	3.147	3.856		22.53	20
1,1,2,2-Tetrachloroethane	1.184	1.213	0.3	2.45	20
1,3-Dichlorobenzene	1.602	1.782		11.24	20
1,4-Dichlorobenzene	1.711	1.821		6.43	20
1,2-Dichlorobenzene	1.517	1.679		10.68	20
1,2-Dibromo-3-Chloropropane	0.311	0.293		-5.79	20
1,2,4-Trichlorobenzene	0.891	1.041		16.83	20
1,2,3-Trichlorobenzene	0.894	1.020		14.09	20
1,2-Dichloroethane-d4	0.848	0.831		-2.01	20
Dibromofluoromethane	0.345	0.356		3.19	20
Toluene-d8	1.230	1.321		7.4	20
4-Bromofluorobenzene	0.455	0.481		5.71	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\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	202357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	342303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	307825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	162263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	168127	48.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.940%			
35) Dibromofluoromethane	8.147	113	121755	51.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	10.547	98	452056	53.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.340%			
62) 4-Bromofluorobenzene	12.829	95	164788	52.956	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	132620	61.705	ug/l	93
3) Chloromethane	2.383	50	137176	50.754	ug/l	97
4) Vinyl Chloride	2.536	62	146742	54.632	ug/l	93
5) Bromomethane	2.971	94	67780	48.730	ug/l	95
6) Chloroethane	3.136	64	89560	51.128	ug/l	95
7) Trichlorofluoromethane	3.512	101	218623	55.045	ug/l	99
8) Diethyl Ether	3.965	74	77841	50.524	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	116922	57.347	ug/l	97
10) Methyl Iodide	4.583	142	94184	45.477	ug/l	94
11) Tert butyl alcohol	5.518	59	150479	230.810	ug/l	100
12) 1,1-Dichloroethene	4.336	96	112586	48.730	ug/l	87
13) Acrolein	4.177	56	128290	245.196	ug/l	99
14) Allyl chloride	5.012	41	207234	49.562	ug/l	96
15) Acrylonitrile	5.706	53	424364	239.867	ug/l	99
16) Acetone	4.424	43	358096	222.434	ug/l	100
17) Carbon Disulfide	4.706	76	361501	52.775	ug/l	98
18) Methyl Acetate	5.012	43	192630	47.625	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	438021	51.435	ug/l	98
20) Methylene Chloride	5.265	84	137601	50.568	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	129240	49.610	ug/l	98
22) Diisopropyl ether	6.659	45	465975	53.129	ug/l	98
23) Vinyl Acetate	6.589	43	2092358	272.771	ug/l	100
24) 1,1-Dichloroethane	6.553	63	252113	49.825	ug/l	98
25) 2-Butanone	7.471	43	592505	238.198	ug/l	97
26) 2,2-Dichloropropane	7.477	77	229345	58.298	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	154887	51.642	ug/l	98
28) Bromochloromethane	7.794	49	121917	50.344	ug/l	97
29) Tetrahydrofuran	7.824	42	391085	242.020	ug/l	99
30) Chloroform	7.947	83	260496	51.433	ug/l	95
31) Cyclohexane	8.241	56	230222	54.540	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	229476	52.312	ug/l	99
36) 1,1-Dichloropropene	8.353	75	185889	59.588	ug/l	99
37) Ethyl Acetate	7.547	43	239416	53.140	ug/l	98
38) Carbon Tetrachloride	8.347	117	203929	59.343	ug/l	94
39) Methylcyclohexane	9.582	83	219730	65.059	ug/l	100
40) Benzene	8.588	78	560613	55.603	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	127502	54.123	ug/l		98
42) 1,2-Dichloroethane	8.653	62	203545	53.235	ug/l		98
43) Isopropyl Acetate	8.671	43	366496	52.402	ug/l		99
44) Trichloroethene	9.335	130	131220	55.080	ug/l		98
45) 1,2-Dichloropropane	9.606	63	144201	56.288	ug/l		95
46) Dibromomethane	9.688	93	99408	51.826	ug/l		97
47) Bromodichloromethane	9.871	83	203072	52.560	ug/l		100
48) Methyl methacrylate	9.665	41	170300	54.088	ug/l		97
49) 1,4-Dioxane	9.682	88	49240	1021.070	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.430	43	1149631	259.892	ug/l		100
52) Toluene	10.612	92	344604	56.232	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	217085	55.519	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	228121	56.480	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	129044	52.012	ug/l		93
56) Ethyl methacrylate	10.859	69	219636	52.536	ug/l		96
57) 1,3-Dichloropropane	11.141	76	229926	53.600	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	578951	284.461	ug/l		100
59) 2-Hexanone	11.177	43	805849	274.584	ug/l		100
60) Dibromochloromethane	11.341	129	151360	53.493	ug/l		100
61) 1,2-Dibromoethane	11.447	107	136698	52.401	ug/l		95
64) Tetrachloroethene	11.082	164	112075	56.570	ug/l		92
65) Chlorobenzene	11.871	112	369122	53.411	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	129020	54.903	ug/l		99
67) Ethyl Benzene	11.941	91	650111	57.142	ug/l		99
68) m/p-Xylenes	12.053	106	509171	119.516	ug/l		100
69) o-Xylene	12.376	106	240930	59.204	ug/l		99
70) Styrene	12.394	104	409701	59.847	ug/l		99
71) Bromoform	12.559	173	102120	53.790	ug/l	#	100
73) Isopropylbenzene	12.676	105	625743	61.272	ug/l		100
74) N-amyl acetate	12.494	43	201002	47.372	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.918	83	196891	51.237	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	196300m	53.949	ug/l		
77) Bromobenzene	12.959	156	149559	56.468	ug/l		98
78) n-propylbenzene	13.012	91	777876	60.540	ug/l		99
79) 2-Chlorotoluene	13.106	91	447756	56.702	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	524279	60.253	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	71257	53.584	ug/l		95
82) 4-Chlorotoluene	13.200	91	458601	55.780	ug/l		99
83) tert-Butylbenzene	13.418	119	455752	62.712	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	536180	60.341	ug/l		99
85) sec-Butylbenzene	13.594	105	681159	62.226	ug/l		100
86) p-Isopropyltoluene	13.706	119	575261	65.575	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	289139	55.624	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	295512	53.229	ug/l		99
89) n-Butylbenzene	14.035	91	534390	63.795	ug/l		99
90) Hexachloroethane	14.312	117	108610	58.433	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	272418	55.319	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47578	47.158	ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	168911	58.393	ug/l		98
94) Hexachlorobutadiene	15.476	225	70795	65.866	ug/l		98
95) Naphthalene	15.617	128	564590	55.095	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	165516	57.042	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

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

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

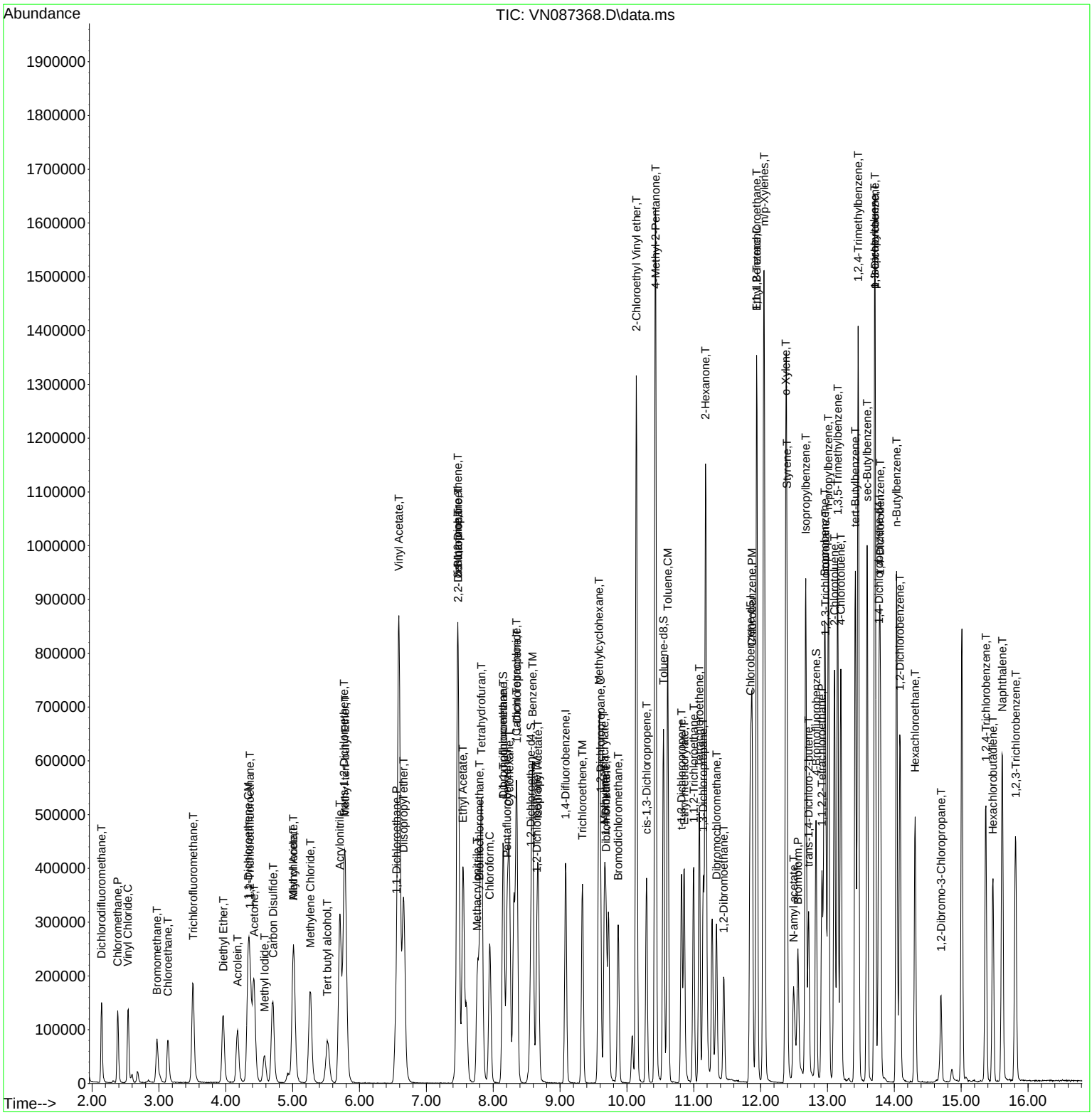
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Sample Results: **VN087368.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	111	0.00
2	T	Dichlorodifluoromethane	0.531	0.655	-23.4	116	0.00
3	P	Chloromethane	0.668	0.678	-1.5	109	0.00
4	C	Vinyl Chloride	0.664	0.725	-9.2#	110	0.00
5	T	Bromomethane	0.344	0.335	2.6	104	0.00
6	T	Chloroethane	0.433	0.443	-2.3	111	0.00
7	T	Trichlorofluoromethane	0.981	1.080	-10.1	117	0.00
8	T	Diethyl Ether	0.381	0.385	-1.0	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.504	0.578	-14.7	122	0.00
10	T	Methyl Iodide	0.452	0.465	-2.9	104	0.00
11	T	Tert butyl alcohol	0.161	0.149	7.5	102	0.00
12	CM	1,1-Dichloroethene	0.571	0.556	2.6#	113	0.00
13	T	Acrolein	0.129	0.127	1.6	116	0.00
14	T	Allyl chloride	1.033	1.024	0.9	113	0.00
15	T	Acrylonitrile	0.437	0.419	4.1	102	0.00
16	T	Acetone	0.398	0.354	11.1	101	0.00
17	T	Carbon Disulfide	1.693	1.786	-5.5	114	0.01
18	T	Methyl Acetate	0.999	0.952	4.7	106	0.00
19	T	Methyl tert-butyl Ether	2.104	2.165	-2.9	111	0.00
20	T	Methylene Chloride	0.766	0.680	11.2	112	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.639	0.8	108	0.00
22	T	Diisopropyl ether	2.167	2.303	-6.3	112	0.00
23	T	Vinyl Acetate	1.895	2.068	-9.1	108	0.00
24	P	1,1-Dichloroethane	1.250	1.246	0.3	113	0.00
25	T	2-Butanone	0.615	0.586	4.7	101	0.00
26	T	2,2-Dichloropropane	0.972	1.133	-16.6	128	0.00
27	T	cis-1,2-Dichloroethene	0.741	0.765	-3.2	110	0.00
28	T	Bromochloromethane	0.598	0.602	-0.7	112	0.00
29	T	Tetrahydrofuran	0.399	0.387	3.0	101	0.00
30	C	Chloroform	1.251	1.287	-2.9#	111	0.00
31	T	Cyclohexane	1.043	1.138	-9.1	120	0.00
32	T	1,1,1-Trichloroethane	1.084	1.134	-4.6	116	0.00
33	S	1,2-Dichloroethane-d4	0.848	0.831	2.0	115	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.345	0.356	-3.2	112	0.00
36	T	1,1-Dichloropropene	0.456	0.543	-19.1	117	0.00
37	T	Ethyl Acetate	0.658	0.699	-6.2	104	0.00
38	T	Carbon Tetrachloride	0.502	0.596	-18.7	121	0.00
39	T	Methylcyclohexane	0.493	0.642	-30.2#	128	0.00
40	TM	Benzene	1.473	1.638	-11.2	111	0.00
41	T	Methacrylonitrile	0.344	0.372	-8.1	106	-0.01
42	TM	1,2-Dichloroethane	0.558	0.595	-6.6	110	0.00
43	T	Isopropyl Acetate	1.022	1.071	-4.8	105	0.00
44	TM	Trichloroethene	0.348	0.383	-10.1	113	0.00
45	C	1,2-Dichloropropane	0.374	0.421	-12.6#	112	0.00
46	T	Dibromomethane	0.280	0.290	-3.6	106	0.00
47	T	Bromodichloromethane	0.564	0.593	-5.1	110	0.00
48	T	Methyl methacrylate	0.460	0.498	-8.3	104	0.00

Sample Results: **VN087368.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	95	0.00
50	S	Toluene-d8	1.230	1.321	-7.4	113	0.00
51	T	4-Methyl-2-Pentanone	0.646	0.672	-4.0	102	0.00
52	CM	Toluene	0.895	1.007	-12.5#	110	0.00
53	T	t-1,3-Dichloropropene	0.571	0.634	-11.0	107	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.666	-12.9	111	0.00
55	T	1,1,2-Trichloroethane	0.362	0.377	-4.1	108	0.00
56	T	Ethyl methacrylate	0.552	0.642	-16.3	107	0.00
57	T	1,3-Dichloropropane	0.627	0.672	-7.2	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.338	-13.8	103	0.00
59	T	2-Hexanone	0.429	0.471	-9.8	100	0.00
60	T	Dibromochloromethane	0.413	0.442	-7.0	108	0.00
61	T	1,2-Dibromoethane	0.381	0.399	-4.7	109	0.00
62	S	4-Bromofluorobenzene	0.455	0.481	-5.7	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.322	0.364	-13.0	117	0.00
65	PM	Chlorobenzene	1.123	1.199	-6.8	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.419	-9.7	109	0.00
67	C	Ethyl Benzene	1.848	2.112	-14.3#	112	0.00
68	T	m/p-Xylenes	0.692	0.827	-19.5	112	0.00
69	T	o-Xylene	0.661	0.783	-18.5	111	0.00
70	T	Styrene	1.112	1.331	-19.7	109	0.00
71	P	Bromoform	0.308	0.332	-7.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.147	3.856	-22.5	116	0.00
74	T	N-amyl acetate	1.307	1.239	5.2	111	0.00
75	P	1,1,2,2-Tetrachloroethane	1.184	1.213	-2.4	103	0.00
76	T	1,2,3-Trichloropropane	1.121	1.210	-7.9	104	0.00
77	T	Bromobenzene	0.816	0.922	-13.0	109	0.00
78	T	n-propylbenzene	3.959	4.794	-21.1	114	0.00
79	T	2-Chlorotoluene	2.433	2.759	-13.4	112	0.00
80	T	1,3,5-Trimethylbenzene	2.681	3.231	-20.5	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.439	-7.1	111	0.00
82	T	4-Chlorotoluene	2.533	2.826	-11.6	109	0.00
83	T	tert-Butylbenzene	2.239	2.809	-25.5#	119	0.00
84	T	1,2,4-Trimethylbenzene	2.738	3.304	-20.7	113	0.00
85	T	sec-Butylbenzene	3.373	4.198	-24.5	121	0.00
86	T	p-Isopropyltoluene	2.703	3.545	-31.2#	121	0.00
87	T	1,3-Dichlorobenzene	1.602	1.782	-11.2	110	0.00
88	T	1,4-Dichlorobenzene	1.711	1.821	-6.4	109	0.00
89	T	n-Butylbenzene	2.581	3.293	-27.6#	122	0.00
90	T	Hexachloroethane	0.573	0.669	-16.8	119	0.00
91	T	1,2-Dichlorobenzene	1.517	1.679	-10.7	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.293	5.8	99	0.00
93	T	1,2,4-Trichlorobenzene	0.891	1.041	-16.8	114	0.00
94	T	Hexachlorobutadiene	0.331	0.436	-31.7#	136	0.00
95	T	Naphthalene	3.158	3.479	-10.2	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.894	1.020	-14.1	113	0.00

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

Sample Results: **VN087368.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	61.705	-23.4	116	0.00
3	P	Chloromethane	50.000	50.754	-1.5	109	0.00
4	C	Vinyl Chloride	50.000	54.632	-9.3#	110	0.00
5	T	Bromomethane	50.000	48.730	2.5	104	0.00
6	T	Chloroethane	50.000	51.128	-2.3	111	0.00
7	T	Trichlorofluoromethane	50.000	55.045	-10.1	117	0.00
8	T	Diethyl Ether	50.000	50.524	-1.0	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.347	-14.7	122	0.00
10	T	Methyl Iodide	50.000	45.477	9.0	104	0.00
11	T	Tert butyl alcohol	250.000	230.810	7.7	102	0.00
12	CM	1,1-Dichloroethene	50.000	48.730	2.5#	113	0.00
13	T	Acrolein	250.000	245.196	1.9	116	0.00
14	T	Allyl chloride	50.000	49.562	0.9	113	0.00
15	T	Acrylonitrile	250.000	239.867	4.1	102	0.00
16	T	Acetone	250.000	222.434	11.0	101	0.00
17	T	Carbon Disulfide	50.000	52.775	-5.5	114	0.01
18	T	Methyl Acetate	50.000	47.625	4.8	106	0.00
19	T	Methyl tert-butyl Ether	50.000	51.435	-2.9	111	0.00
20	T	Methylene Chloride	50.000	50.568	-1.1	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.610	0.8	108	0.00
22	T	Diisopropyl ether	50.000	53.129	-6.3	112	0.00
23	T	Vinyl Acetate	250.000	272.771	-9.1	108	0.00
24	P	1,1-Dichloroethane	50.000	49.825	0.3	113	0.00
25	T	2-Butanone	250.000	238.198	4.7	101	0.00
26	T	2,2-Dichloropropane	50.000	58.298	-16.6	128	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.642	-3.3	110	0.00
28	T	Bromochloromethane	50.000	50.344	-0.7	112	0.00
29	T	Tetrahydrofuran	250.000	242.020	3.2	101	0.00
30	C	Chloroform	50.000	51.433	-2.9#	111	0.00
31	T	Cyclohexane	50.000	54.540	-9.1	120	0.00
32	T	1,1,1-Trichloroethane	50.000	52.312	-4.6	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.966	2.1	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	51.565	-3.1	112	0.00
36	T	1,1-Dichloropropene	50.000	59.588	-19.2	117	0.00
37	T	Ethyl Acetate	50.000	53.140	-6.3	104	0.00
38	T	Carbon Tetrachloride	50.000	59.343	-18.7	121	0.00
39	T	Methylcyclohexane	50.000	65.059	-30.1#	128	0.00
40	TM	Benzene	50.000	55.603	-11.2	111	0.00
41	T	Methacrylonitrile	50.000	54.123	-8.2	106	-0.01
42	TM	1,2-Dichloroethane	50.000	53.235	-6.5	110	0.00
43	T	Isopropyl Acetate	50.000	52.402	-4.8	105	0.00
44	TM	Trichloroethene	50.000	55.080	-10.2	113	0.00
45	C	1,2-Dichloropropane	50.000	56.288	-12.6#	112	0.00
46	T	Dibromomethane	50.000	51.826	-3.7	106	0.00
47	T	Bromodichloromethane	50.000	52.560	-5.1	110	0.00
48	T	Methyl methacrylate	50.000	54.088	-8.2	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	1021.070	-2.1	95	0.00
50	S	Toluene-d8	50.000	53.671	-7.3	113	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.892	-4.0	102	0.00
52	CM	Toluene	50.000	56.232	-12.5#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	55.519	-11.0	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.480	-13.0	111	0.00
55	T	1,1,2-Trichloroethane	50.000	52.012	-4.0	108	0.00
56	T	Ethyl methacrylate	50.000	52.536	-5.1	107	0.00
57	T	1,3-Dichloropropane	50.000	53.600	-7.2	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.461	-13.8	103	0.00
59	T	2-Hexanone	250.000	274.584	-9.8	100	0.00
60	T	Dibromochloromethane	50.000	53.493	-7.0	108	0.00
61	T	1,2-Dibromoethane	50.000	52.401	-4.8	109	0.00
62	S	4-Bromofluorobenzene	50.000	52.956	-5.9	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	56.570	-13.1	117	0.00
65	PM	Chlorobenzene	50.000	53.411	-6.8	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.903	-9.8	109	0.00
67	C	Ethyl Benzene	50.000	57.142	-14.3#	112	0.00
68	T	m/p-Xylenes	100.000	119.516	-19.5	112	0.00
69	T	o-Xylene	50.000	59.204	-18.4	111	0.00
70	T	Styrene	50.000	59.847	-19.7	109	0.00
71	P	Bromoform	50.000	53.790	-7.6	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	61.272	-22.5	116	0.00
74	T	N-amyl acetate	50.000	47.372	5.3	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.237	-2.5	103	0.00
76	T	1,2,3-Trichloropropane	50.000	53.949	-7.9	104	0.00
77	T	Bromobenzene	50.000	56.468	-12.9	109	0.00
78	T	n-propylbenzene	50.000	60.540	-21.1	114	0.00
79	T	2-Chlorotoluene	50.000	56.702	-13.4	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.253	-20.5	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.584	-7.2	111	0.00
82	T	4-Chlorotoluene	50.000	55.780	-11.6	109	0.00
83	T	tert-Butylbenzene	50.000	62.712	-25.4#	119	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.341	-20.7	113	0.00
85	T	sec-Butylbenzene	50.000	62.226	-24.5	121	0.00
86	T	p-Isopropyltoluene	50.000	65.575	-31.2#	121	0.00
87	T	1,3-Dichlorobenzene	50.000	55.624	-11.2	110	0.00
88	T	1,4-Dichlorobenzene	50.000	53.229	-6.5	109	0.00
89	T	n-Butylbenzene	50.000	63.795	-27.6#	122	0.00
90	T	Hexachloroethane	50.000	58.433	-16.9	119	0.00
91	T	1,2-Dichlorobenzene	50.000	55.319	-10.6	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.158	5.7	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.393	-16.8	114	0.00
94	T	Hexachlorobutadiene	50.000	65.866	-31.7#	136	0.00
95	T	Naphthalene	50.000	55.095	-10.2	104	0.00

Sample Results: **VN087368.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087368.D
Acq On : 21 Jul 2025 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 03:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	57.042	-14.1	113	0.00

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

QC SAMPLE DATA

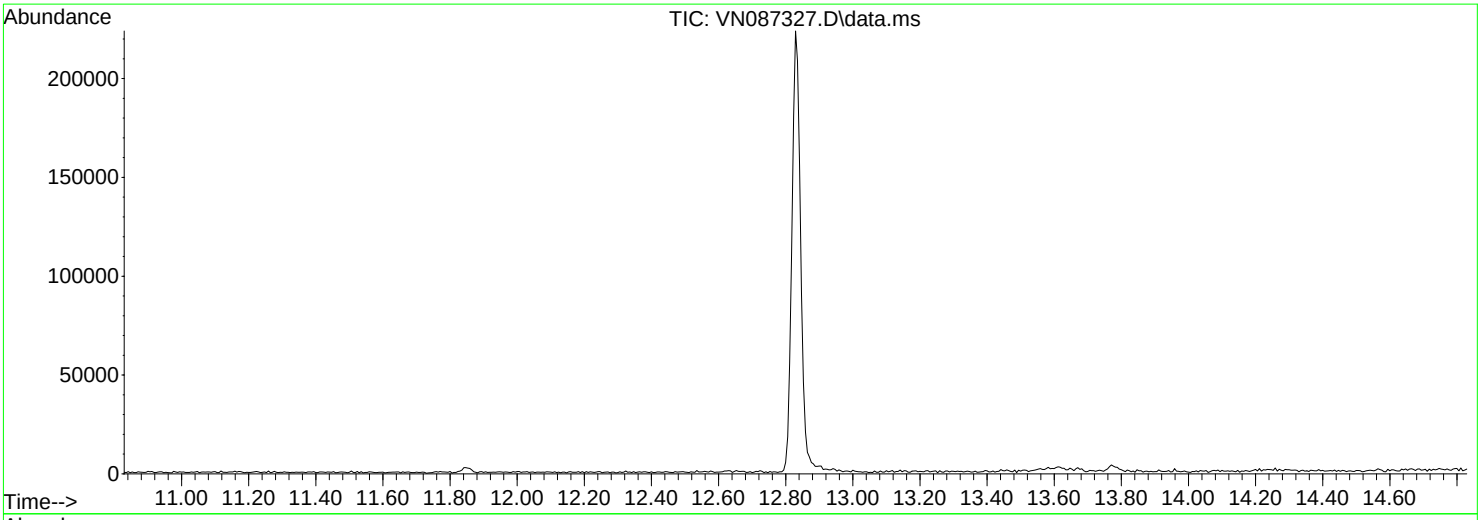
Sample Results: **VN087327.D**

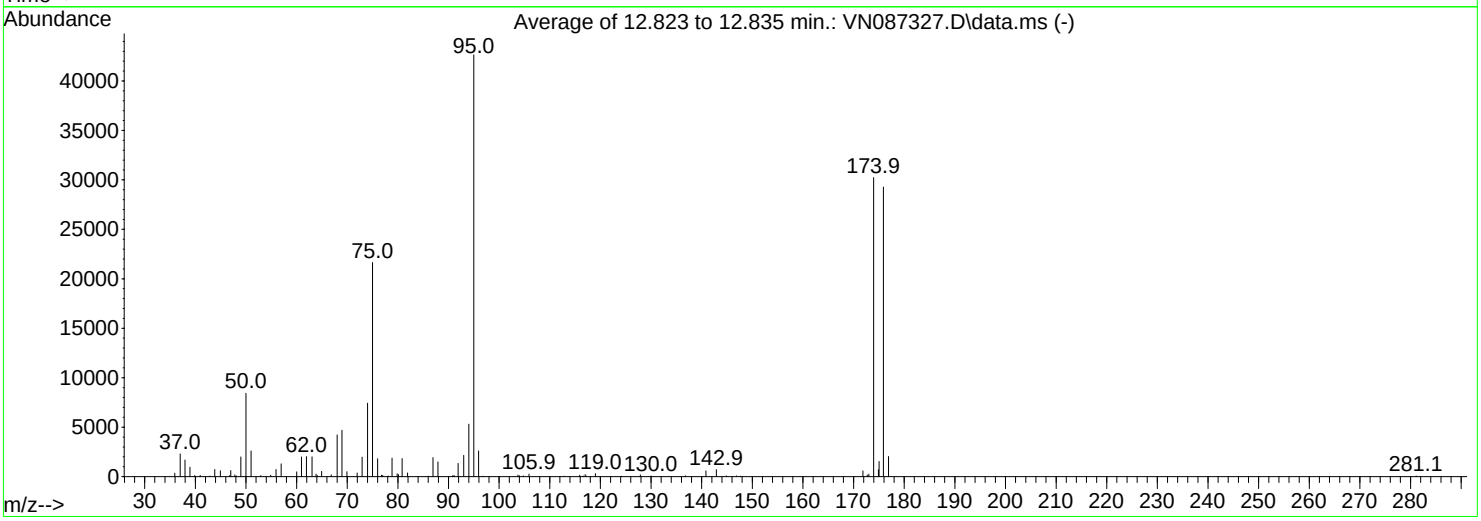
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087327.D
Acq On : 16 Jul 2025 16:10
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1839

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	8426	PASS
75	95	30	60	50.8	21643	PASS
95	95	100	100	100.0	42640	PASS
96	95	5	9	6.1	2612	PASS
173	174	0.00	2	0.8	255	PASS
174	95	50	100	70.9	30229	PASS
175	174	5	9	5.1	1538	PASS
176	174	95	101	96.9	29285	PASS
177	176	5	9	7.0	2046	PASS

Average of 12.823 to 12.835 min.: VN087327.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	354	47.80	181	61.95	2016	74.00	742
37.00	2290	48.10	60	63.05	2010	75.00	2164
37.95	1679	49.00	1995	63.85	261	76.00	181
38.95	954	50.00	8426	64.10	115	76.75	14
39.90	107	51.00	2608	64.95	542	77.00	122
40.95	135	52.95	119	66.85	179	78.10	60
42.90	65	54.90	138	68.00	4227	78.85	1870
43.85	725	55.95	722	68.95	4698	79.85	287
44.95	593	56.95	1299	69.95	494	80.10	209
46.80	115	60.00	486	71.95	381	80.85	1827
47.00	608	60.95	1996	72.95	1978	81.90	375

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087327.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.00	53	103.70	156	127.90	178	173.95	30229
86.95	1927	104.00	90	130.00	72	174.90	709
87.90	1486	104.80	81	136.80	89	175.05	1538
90.85	118	105.90	261	140.85	580	175.90	29285
91.10	107	112.80	55	142.90	707	176.90	2046
91.90	1340	115.90	151	144.90	80	281.10	60
93.00	2153	116.60	61	146.90	74		
94.00	5304	117.00	209	147.70	57		
95.00	42640	117.20	66	171.85	576		
95.95	2612	119.00	301	172.70	163		
96.80	56	124.10	52	173.00	255		

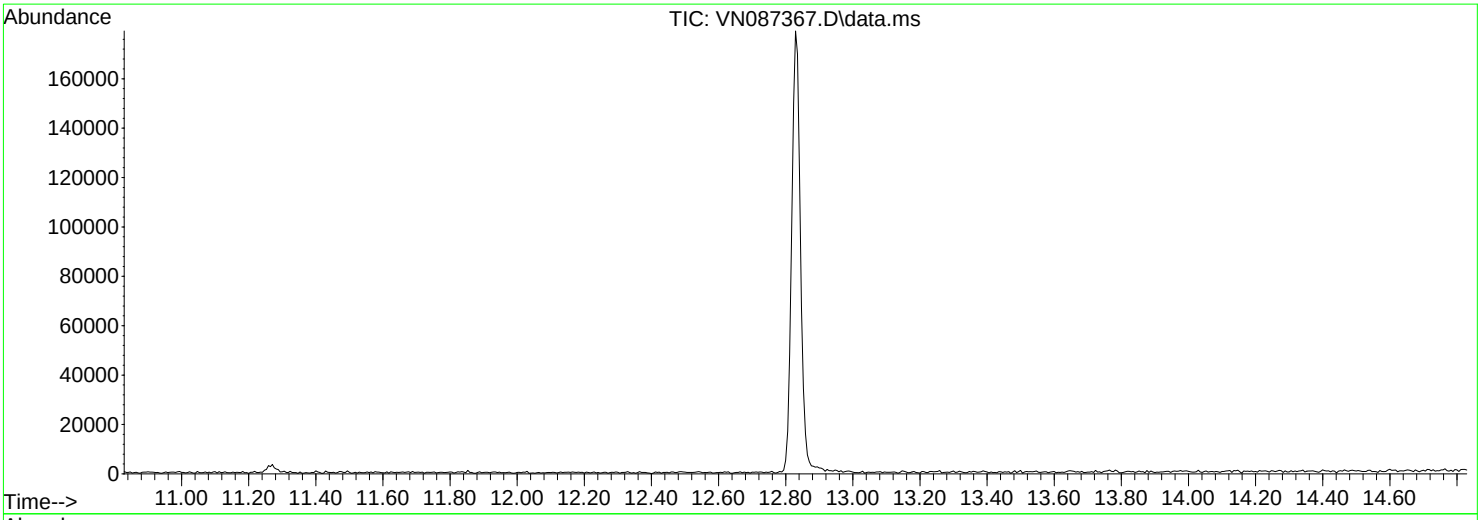
Sample Results: **VN087367.D**

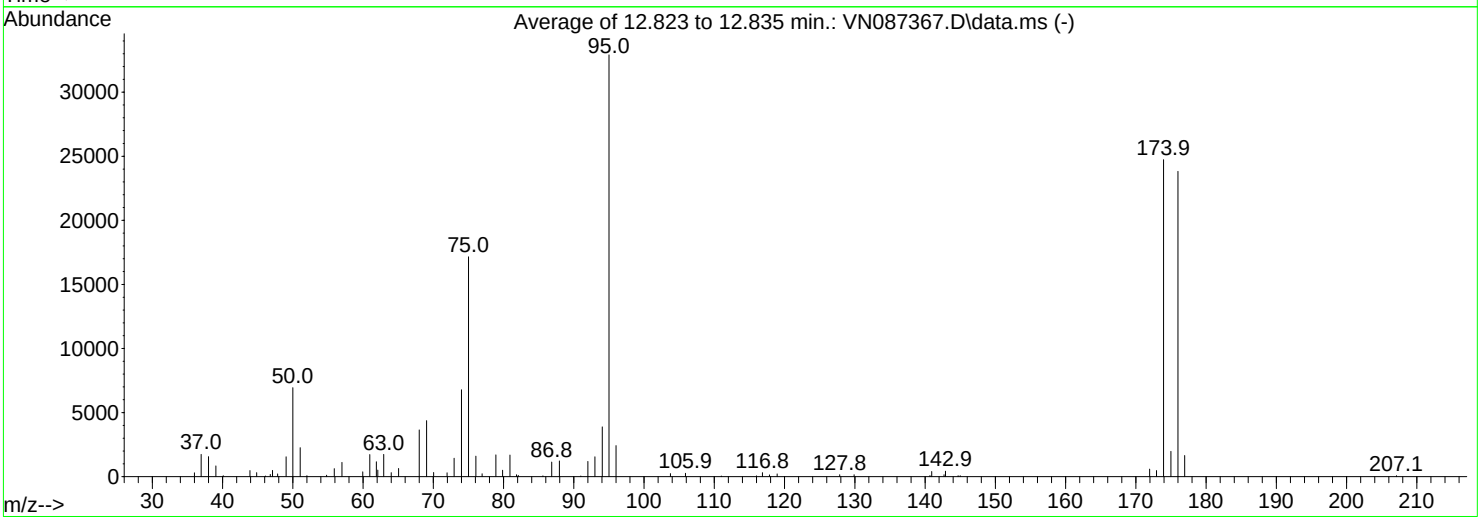
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087367.D
Acq On : 21 Jul 2025 10:05
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	6948	PASS
75	95	30	60	52.1	17152	PASS
95	95	100	100	100.0	32912	PASS
96	95	5	9	7.4	2423	PASS
173	174	0.00	2	1.9	479	PASS
174	95	50	100	75.2	24736	PASS
175	174	5	9	8.0	1975	PASS
176	174	95	101	96.3	23816	PASS
177	176	5	9	6.9	1646	PASS

Average of 12.823 to 12.835 min.: VN087367.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	302	49.05	1549	62.95	1731	76.95	22
36.95	1740	50.00	6948	64.00	319	78.90	169
38.00	1561	51.05	2254	65.05	643	79.85	49
39.05	842	52.00	74	68.00	3653	80.90	169
40.10	77	54.80	114	69.05	4374	81.85	153
43.90	471	55.90	630	70.05	327	82.10	106
44.85	308	57.00	1107	71.95	303	85.60	68
46.10	51	59.95	371	72.95	1431	86.85	1142
46.80	171	60.95	1721	74.00	6775	87.95	1224
47.10	492	61.90	1159	75.00	17152	91.00	50
47.85	218	62.10	519	76.05	1599	92.00	1189

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087367.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	1549	127.85	157	175.00	1975		
94.05	3882	129.90	156	176.00	23816		
95.00	32912	140.70	89	176.95	1646		
96.00	2423	140.95	397	207.10	79		
103.75	235	142.70	154				
105.90	265	142.90	426				
111.00	53	144.70	81				
116.00	67	145.00	76				
116.85	315	171.95	587				
117.85	138	172.95	479				
118.95	211	173.95	24736				

Raw Data: **VN087370.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBL01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087370.D	1	07/21/25 11:34	VN072125

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBL01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087370.D	1	07/21/25 11:34	VN072125

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	54.7		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	8.212			
540-36-3	1,4-Difluorobenzene	328000	9.083			
3114-55-4	Chlorobenzene-d5	301000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.771			

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBL01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087370.D	1	07/21/25 11:34	VN072125

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\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Quant Time: Jul 22 03:04:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

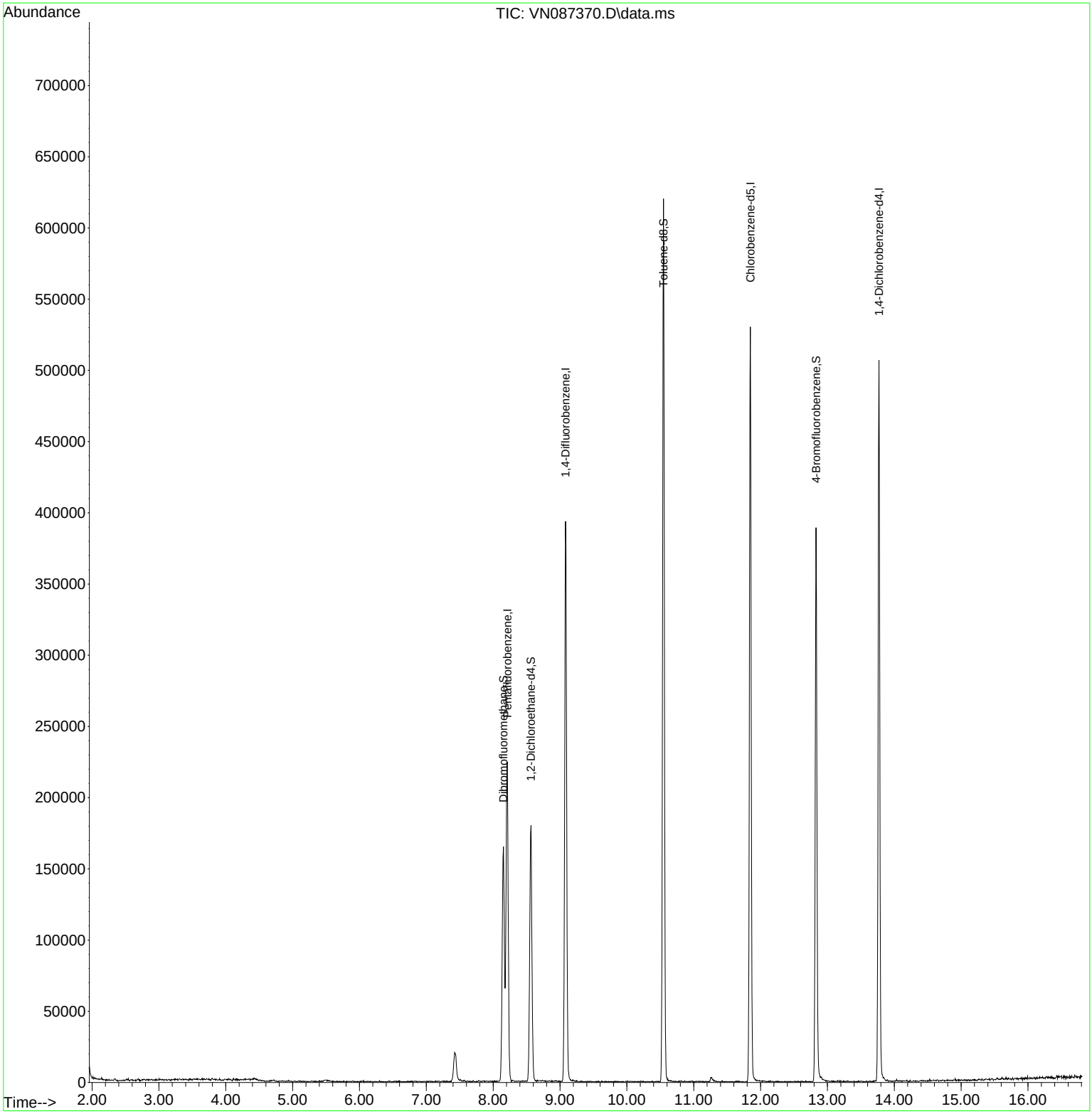
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	164239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	328305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	300772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	133337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	152384	54.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	8.153	113	116283	51.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.547	98	411775	50.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.940%			
62) 4-Bromofluorobenzene	12.829	95	138566	46.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.860%			
Target Compounds						Qvalue

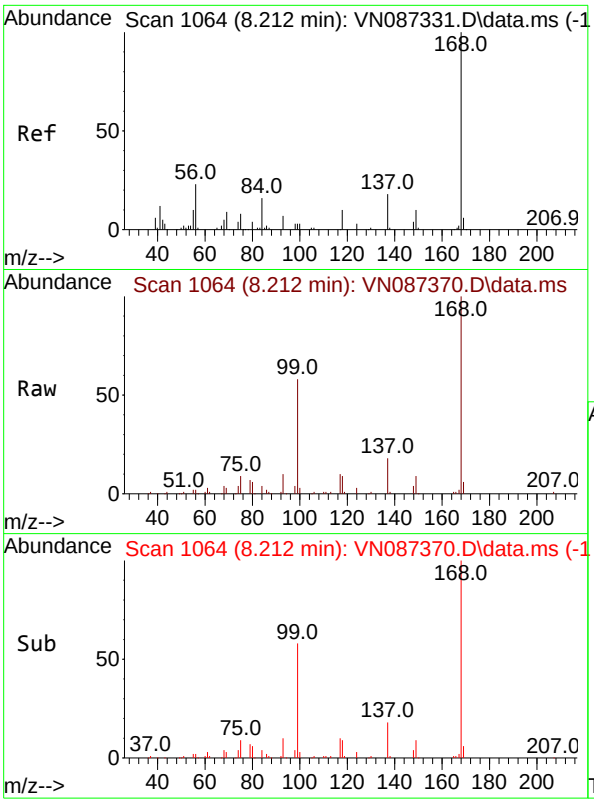
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Quant Time: Jul 22 03:04:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



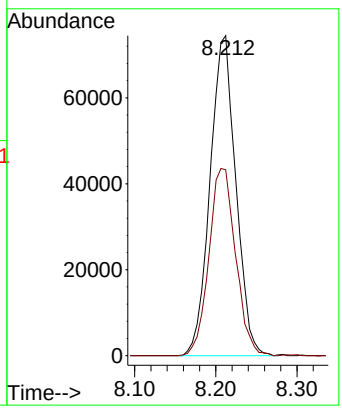


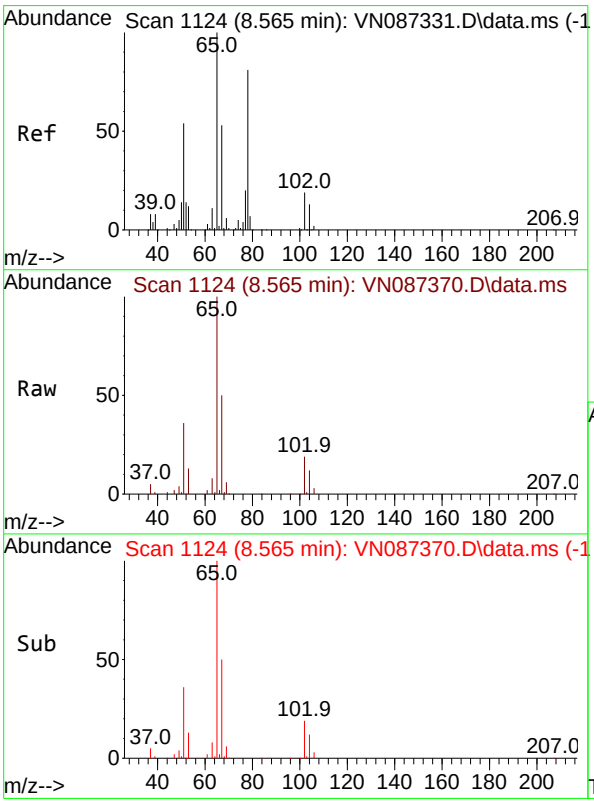
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Tgt Ion:168 Resp: 164239

Ion	Ratio	Lower	Upper
168	100		
99	58.1	47.9	71.9

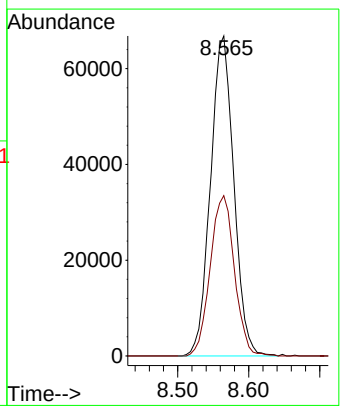


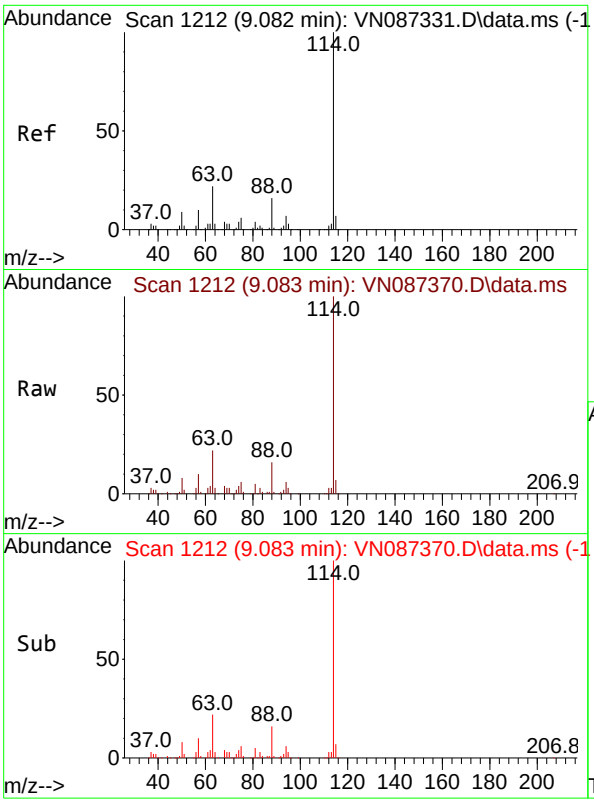


#33
1,2-Dichloroethane-d4
Concen: 54.681 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Tgt Ion: 65 Resp: 152384

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0



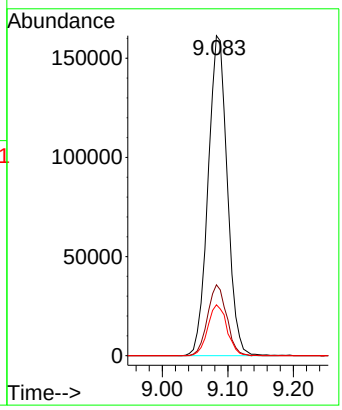


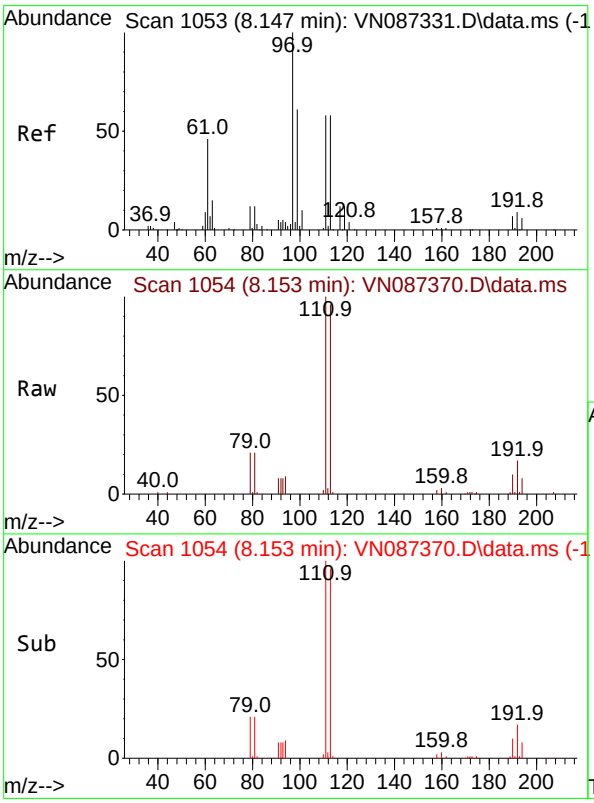
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Tgt Ion:114 Resp: 328305

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.6
88	15.9	0.0	32.8

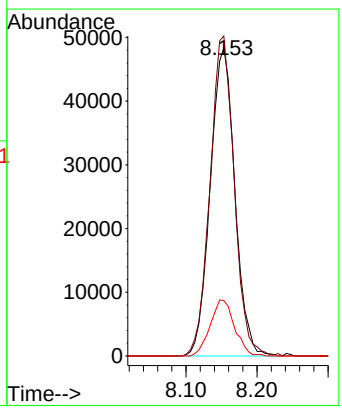


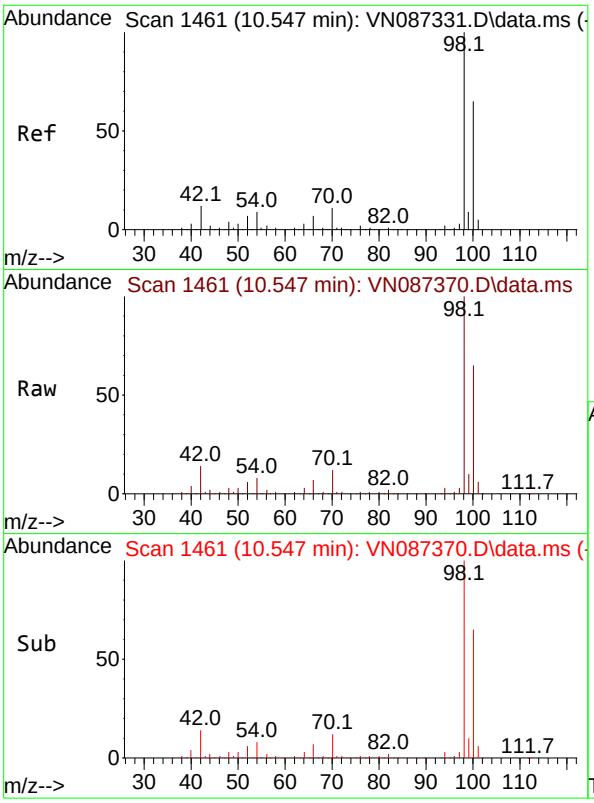


#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Tgt Ion:113 Resp: 116283

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	18.0	13.7	20.5



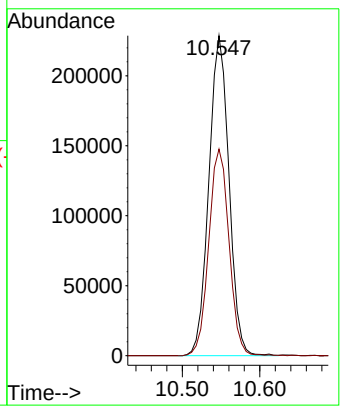


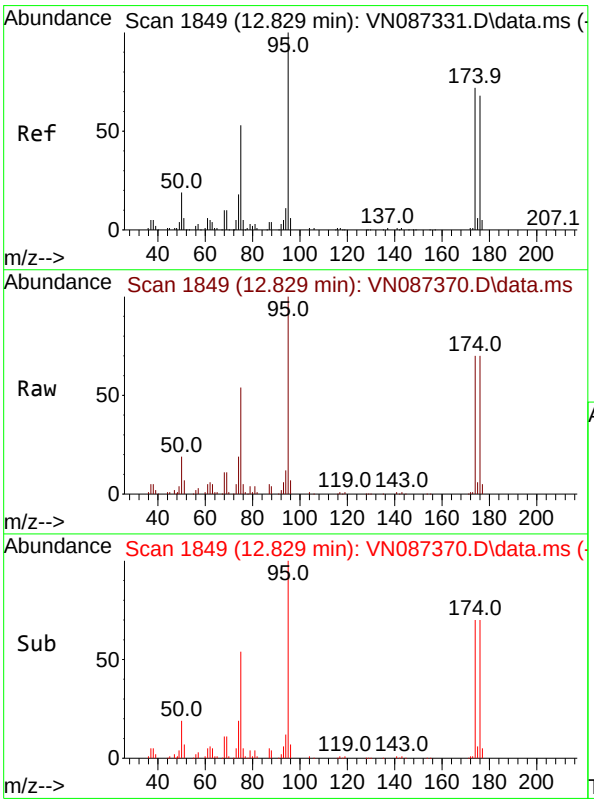
#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Tgt Ion: 98 Resp: 411775

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1

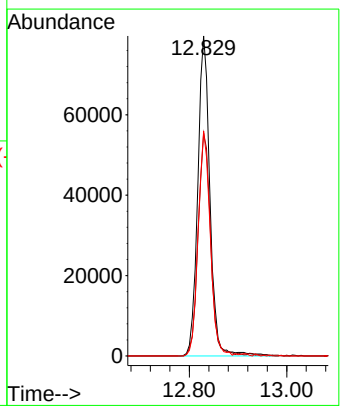


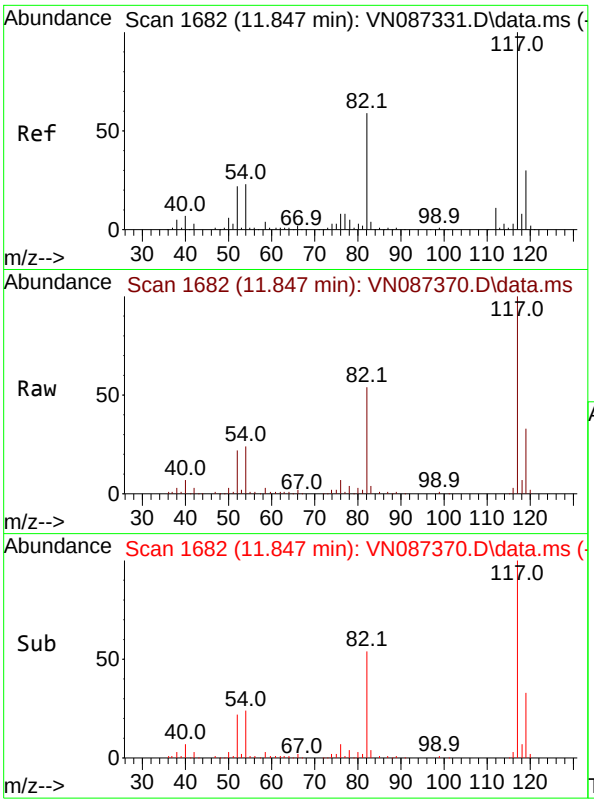


#62
4-Bromofluorobenzene
Concen: 46.428 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Tgt Ion: 95 Resp: 138566

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	149.4
176	70.0	0.0	141.2



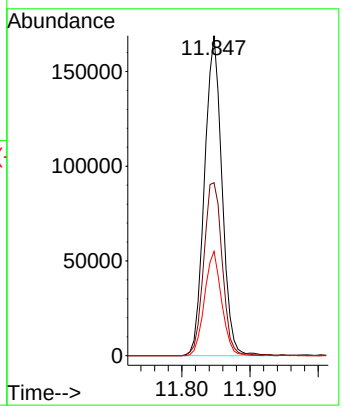


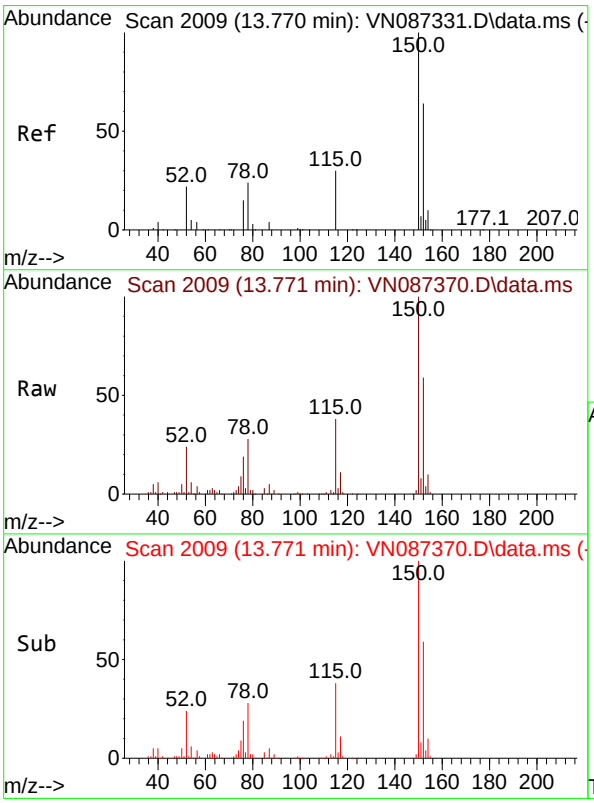
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Tgt Ion:117 Resp: 300772

Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.4	71.2
119	32.6	23.8	35.8

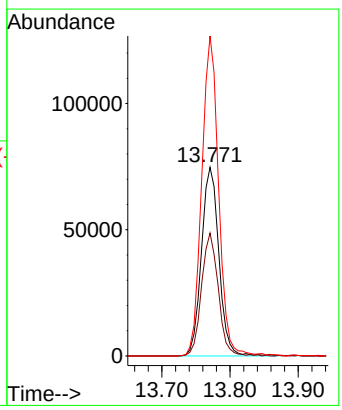




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087370.D
Acq: 21 Jul 2025 11:34

Tgt Ion:152 Resp: 133337

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.1	93.5
150	164.0	0.0	349.0



Sample Results: **VN087370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.424	921	930	942	rBV	20530	62679	5.60%	1.084%
2	8.153	1043	1054	1058	rBV	164711	381487	34.06%	6.598%
3	8.212	1058	1064	1074	rVB	224570	511925	45.70%	8.853%
4	8.565	1114	1124	1137	rBV	179724	412321	36.81%	7.131%
5	9.083	1203	1212	1227	rBV	393383	806859	72.04%	13.954%
6	10.547	1452	1461	1473	rBV	620225	1120091	100.00%	19.371%
7	11.847	1674	1682	1694	rBV	529955	951296	84.93%	16.452%
8	12.829	1841	1849	1860	rBV	389051	673661	60.14%	11.651%
9	13.771	2001	2009	2020	rBV	506181	861923	76.95%	14.906%

Sum of corrected areas: 5782242

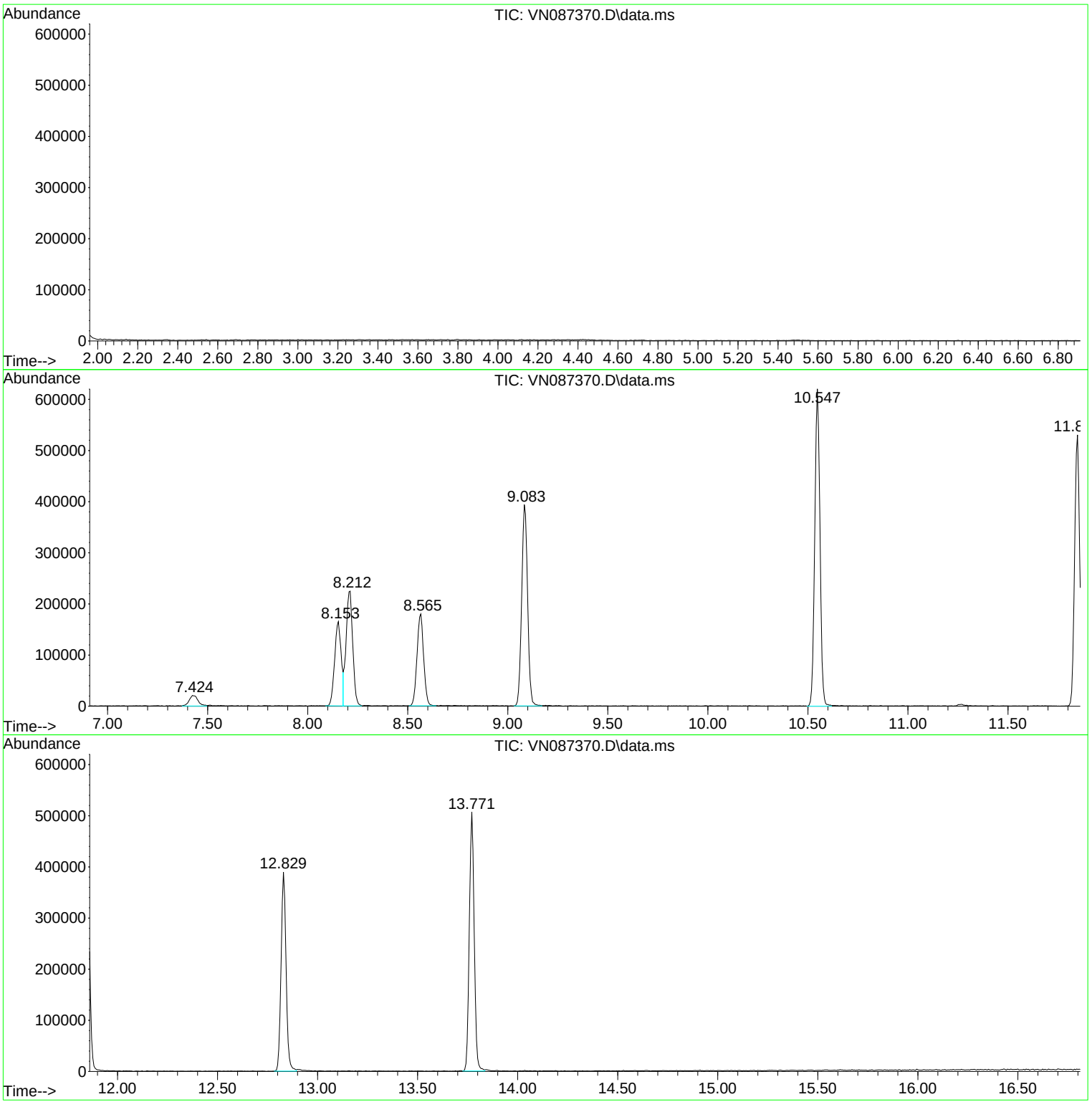
Sample Results: **VN087370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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\VN072125\
Data File : VN087370.D
Acq On : 21 Jul 2025 11:34
Operator : JC\MD
Sample : VN0721WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBS01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087371.D	1	07/21/25 11:55	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.9		0.22	1.00	ug/L
74-87-3	Chloromethane	18.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.1		0.23	1.00	ug/L
67-64-1	Acetone	85.8		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.1		1.50	5.00	ug/L
78-93-3	2-Butanone	86.4		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	18.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.8		0.22	1.00	ug/L
67-66-3	Chloroform	17.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.9		0.16	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.0		0.68	5.00	ug/L
108-88-3	Toluene	19.2		0.14	1.00	ug/L

Raw Data: **VN087371.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBS01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087371.D	1	07/21/25 11:55	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.5		0.24	2.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	18.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.3		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.206			
540-36-3	1,4-Difluorobenzene	337000	9.088			
3114-55-4	Chlorobenzene-d5	309000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	161000	13.77			

Raw Data: **VN087371.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBS01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087371.D	1	07/21/25 11:55	VN072125

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\VN072125\
Data File : VN087371.D
Acq On : 21 Jul 2025 11:55
Operator : JC\MD
Sample : VN0721WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	195078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	337215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	308523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	161452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	156616	47.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.640%			
35) Dibromofluoromethane	8.153	113	113549	48.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	10.547	98	418084	50.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.829	95	152963	49.898	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	45478	21.949	ug/l	93
3) Chloromethane	2.389	50	49057	18.828	ug/l	96
4) Vinyl Chloride	2.542	62	49167	18.988	ug/l	97
5) Bromomethane	2.983	94	25728	19.187	ug/l	97
6) Chloroethane	3.142	64	30502	18.063	ug/l	92
7) Trichlorofluoromethane	3.512	101	73088	19.089	ug/l	89
8) Diethyl Ether	3.965	74	25832	17.392	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	40048	20.375	ug/l	98
10) Methyl Iodide	4.577	142	28199	18.006	ug/l	98
11) Tert butyl alcohol	5.524	59	53952	85.841	ug/l	98
12) 1,1-Dichloroethene	4.336	96	40303	18.095	ug/l	95
13) Acrolein	4.183	56	42192	83.649	ug/l	93
14) Allyl chloride	5.018	41	69156	17.157	ug/l	99
15) Acrylonitrile	5.712	53	142826	83.743	ug/l	99
16) Acetone	4.424	43	133162	85.801	ug/l	99
17) Carbon Disulfide	4.706	76	121611	18.416	ug/l	95
18) Methyl Acetate	5.018	43	68652	17.607	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	140893	17.162	ug/l	97
20) Methylene Chloride	5.271	84	46556	17.327	ug/l	89
21) trans-1,2-Dichloroethene	5.771	96	44578	17.750	ug/l	92
22) Diisopropyl ether	6.659	45	157889	18.674	ug/l	94
23) Vinyl Acetate	6.588	43	694729	93.948	ug/l	99
24) 1,1-Dichloroethane	6.559	63	85653	17.559	ug/l	98
25) 2-Butanone	7.471	43	207099	86.364	ug/l	99
26) 2,2-Dichloropropane	7.477	77	77666	20.479	ug/l	96
27) cis-1,2-Dichloroethene	7.471	96	51900	17.950	ug/l	98
28) Bromochloromethane	7.800	49	41440	17.751	ug/l	99
29) Tetrahydrofuran	7.830	42	131520	84.427	ug/l	99
30) Chloroform	7.947	83	87539	17.929	ug/l	97
31) Cyclohexane	8.241	56	81992	20.149	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	78792	18.632	ug/l	97
36) 1,1-Dichloropropene	8.359	75	61263	19.935	ug/l	100
37) Ethyl Acetate	7.553	43	78541	17.696	ug/l	96
38) Carbon Tetrachloride	8.347	117	66297	19.583	ug/l	93
39) Methylcyclohexane	9.582	83	69647	20.933	ug/l #	91
40) Benzene	8.588	78	192485	19.379	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087371.D
Acq On : 21 Jul 2025 11:55
Operator : JC\MD
Sample : VN0721WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	41272	17.784 ug/l	96
42) 1,2-Dichloroethane	8.653	62	68935	18.301 ug/l	99
43) Isopropyl Acetate	8.677	43	124383	18.053 ug/l	100
44) Trichloroethene	9.335	130	44065	18.776 ug/l	86
45) 1,2-Dichloropropane	9.600	63	48604	19.258 ug/l #	87
46) Dibromomethane	9.694	93	34607	18.314 ug/l	98
47) Bromodichloromethane	9.871	83	69750	18.326 ug/l	94
48) Methyl methacrylate	9.665	41	55452	17.877 ug/l	97
49) 1,4-Dioxane	9.677	88	17060	359.104 ug/l #	97
51) 4-Methyl-2-Pentanone	10.429	43	401014	92.023 ug/l	99
52) Toluene	10.612	92	116138	19.237 ug/l	99
53) t-1,3-Dichloropropene	10.818	75	72070	18.710 ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	74540	18.734 ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	45751	18.718 ug/l #	87
56) Ethyl methacrylate	10.859	69	66938	17.074 ug/l	97
57) 1,3-Dichloropropane	11.141	76	78676	18.617 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	195869	97.690 ug/l	100
59) 2-Hexanone	11.176	43	264794	91.587 ug/l	99
60) Dibromochloromethane	11.341	129	52477	18.826 ug/l	96
61) 1,2-Dibromoethane	11.453	107	44615	17.360 ug/l	99
64) Tetrachloroethene	11.082	164	36432	18.347 ug/l	97
65) Chlorobenzene	11.871	112	128645	18.573 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	44082	18.716 ug/l	99
67) Ethyl Benzene	11.941	91	206561	18.115 ug/l	99
68) m/p-Xylenes	12.053	106	168727	39.515 ug/l	98
69) o-Xylene	12.376	106	75002	18.388 ug/l	100
70) Styrene	12.394	104	132593	19.325 ug/l	99
71) Bromoform	12.559	173	34591	18.179 ug/l #	97
73) Isopropylbenzene	12.676	105	198119	19.497 ug/l	98
74) N-amyl acetate	12.512	43	82883m	19.632 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	70547	18.451 ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	61699m	17.042 ug/l	
77) Bromobenzene	12.959	156	49824	18.906 ug/l	99
78) n-propylbenzene	13.018	91	256928	20.096 ug/l	100
79) 2-Chlorotoluene	13.106	91	152583	19.419 ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	174332	20.136 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	22951	17.345 ug/l	95
82) 4-Chlorotoluene	13.200	91	154290	18.861 ug/l	99
83) tert-Butylbenzene	13.417	119	146165	20.214 ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	177920	20.123 ug/l	100
85) sec-Butylbenzene	13.594	105	220837	20.275 ug/l	99
86) p-Isopropyltoluene	13.706	119	181563	20.801 ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	98893	19.120 ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	99576	18.026 ug/l	95
89) n-Butylbenzene	14.035	91	170515	20.458 ug/l	99
90) Hexachloroethane	14.306	117	36514	19.744 ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	94733	19.334 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.694	75	16367	16.304 ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	55564	19.305 ug/l	99
94) Hexachlorobutadiene	15.476	225	24726	23.120 ug/l	96
95) Naphthalene	15.617	128	175395	17.202 ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	54756	18.966 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087371.D
Acq On : 21 Jul 2025 11:55
Operator : JC\MD
Sample : VN0721WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

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

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

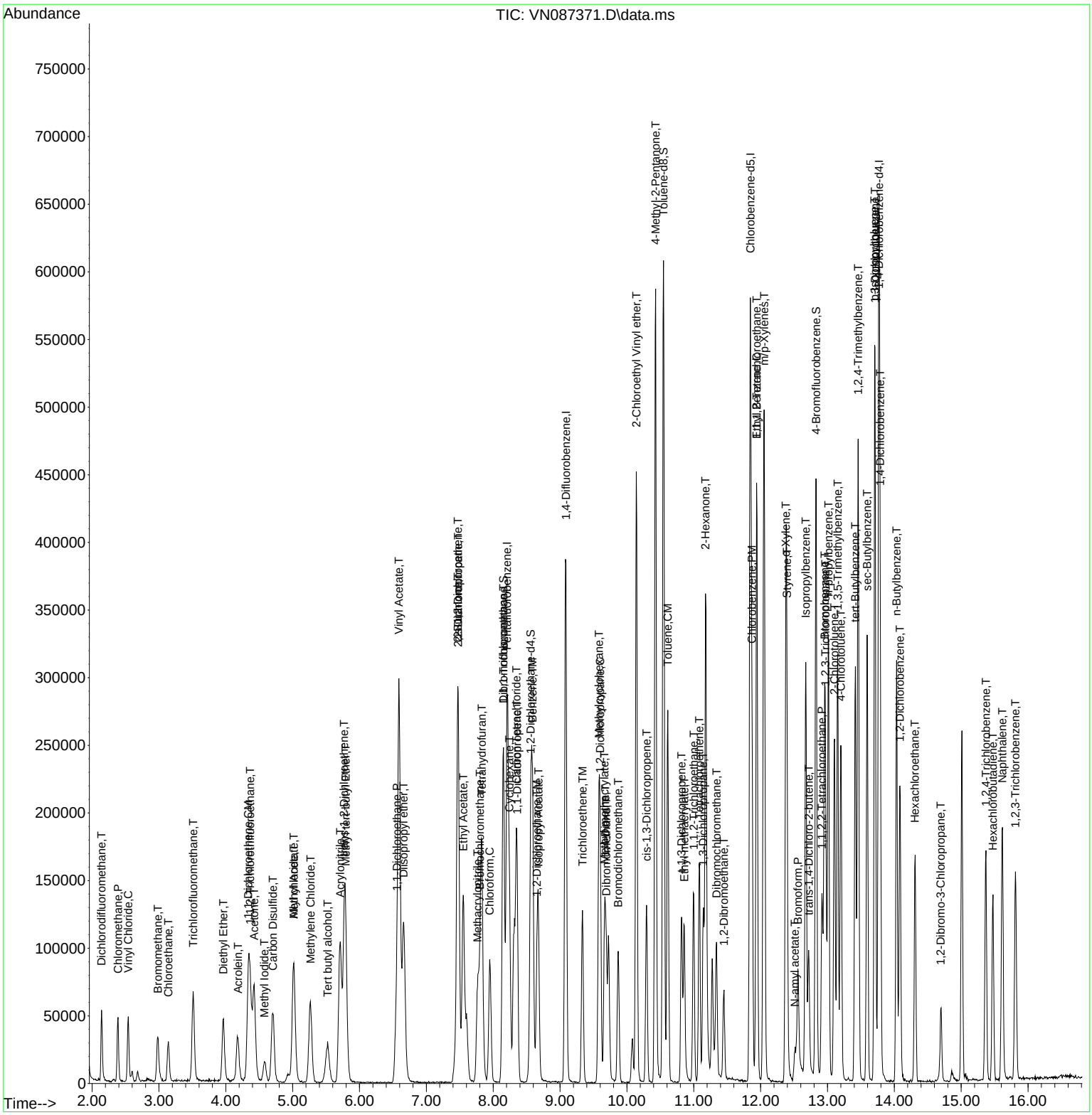
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087371.D
Acq On : 21 Jul 2025 11:55
Operator : JC\MD
Sample : VN0721WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBSD01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087372.D	1	07/21/25 12:30	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.4		0.22	1.00	ug/L
74-87-3	Chloromethane	18.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.5		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
67-64-1	Acetone	83.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.8		1.50	5.00	ug/L
78-93-3	2-Butanone	88.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.9		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	94.0		0.68	5.00	ug/L
108-88-3	Toluene	19.5		0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBSD01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087372.D	1	07/21/25 12:30	VN072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.8		0.24	2.00	ug/L
95-47-6	o-Xylene	18.8		0.12	1.00	ug/L
100-42-5	Styrene	19.4		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.4		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	16.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.5		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.2		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	8.206			
540-36-3	1,4-Difluorobenzene	329000	9.082			
3114-55-4	Chlorobenzene-d5	296000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	159000	13.77			

Raw Data: **VN087372.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	VN0721WBSD01	SDG No.:	Q2646
Lab Sample ID:	VN0721WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087372.D	1	07/21/25 12:30	VN072125

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\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
Sample : VN0721WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	190787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	328848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	296338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	152790	47.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.400%			
35) Dibromofluoromethane	8.147	113	114140	50.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	10.547	98	409499	50.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.829	95	149416	49.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	45407	22.408	ug/l	90
3) Chloromethane	2.383	50	47847	18.776	ug/l	91
4) Vinyl Chloride	2.542	62	48142	19.010	ug/l	92
5) Bromomethane	2.983	94	26007	19.831	ug/l	98
6) Chloroethane	3.136	64	30475	18.453	ug/l	100
7) Trichlorofluoromethane	3.512	101	73764	19.698	ug/l	88
8) Diethyl Ether	3.959	74	25592	17.618	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	37700	19.612	ug/l	98
10) Methyl Iodide	4.577	142	30353	19.251	ug/l	98
11) Tert butyl alcohol	5.518	59	56647	92.156	ug/l	99
12) 1,1-Dichloroethene	4.330	96	38399	17.628	ug/l	93
13) Acrolein	4.177	56	42955	87.077	ug/l	98
14) Allyl chloride	5.018	41	65923	16.722	ug/l	98
15) Acrylonitrile	5.706	53	148783	89.198	ug/l	99
16) Acetone	4.430	43	126421	83.289	ug/l	99
17) Carbon Disulfide	4.700	76	119923	18.569	ug/l	96
18) Methyl Acetate	5.018	43	69706	18.279	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	144862	18.042	ug/l	99
20) Methylene Chloride	5.265	84	46355	17.652	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	43844	17.851	ug/l	86
22) Diisopropyl ether	6.659	45	157443	19.040	ug/l #	95
23) Vinyl Acetate	6.589	43	712495	98.517	ug/l	99
24) 1,1-Dichloroethane	6.547	63	86682	18.170	ug/l	97
25) 2-Butanone	7.471	43	206854	88.202	ug/l	99
26) 2,2-Dichloropropane	7.471	77	75365	20.319	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	52133	18.436	ug/l	96
28) Bromochloromethane	7.800	49	42566	18.643	ug/l	99
29) Tetrahydrofuran	7.830	42	136575	89.644	ug/l	96
30) Chloroform	7.947	83	87803	18.388	ug/l	99
31) Cyclohexane	8.235	56	78716	19.779	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78287	18.929	ug/l	93
36) 1,1-Dichloropropene	8.353	75	59988	20.016	ug/l	99
37) Ethyl Acetate	7.547	43	77704	17.953	ug/l	98
38) Carbon Tetrachloride	8.347	117	65528	19.849	ug/l	99
39) Methylcyclohexane	9.582	83	67946	20.941	ug/l	96
40) Benzene	8.588	78	185496	19.151	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
Sample : VN0721WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	40867	18.057	ug/l		95
42) 1,2-Dichloroethane	8.653	62	69079	18.806	ug/l		99
43) Isopropyl Acetate	8.671	43	127752	19.014	ug/l		99
44) Trichloroethene	9.335	130	43070	18.818	ug/l		96
45) 1,2-Dichloropropane	9.606	63	47601	19.341	ug/l		100
46) Dibromomethane	9.694	93	34895	18.937	ug/l		99
47) Bromodichloromethane	9.865	83	69620	18.757	ug/l		98
48) Methyl methacrylate	9.665	41	57104	18.878	ug/l		99
49) 1,4-Dioxane	9.688	88	16301	351.858	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.429	43	399338	93.970	ug/l		99
52) Toluene	10.612	92	114736	19.488	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	70010	18.637	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	75349	19.419	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	46825	19.645	ug/l		88
56) Ethyl methacrylate	10.859	69	69998	18.249	ug/l		95
57) 1,3-Dichloropropane	11.147	76	78181	18.971	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.141	63	202470	103.552	ug/l		100
59) 2-Hexanone	11.176	43	264149	93.688	ug/l		99
60) Dibromochloromethane	11.341	129	49899	18.357	ug/l		100
61) 1,2-Dibromoethane	11.447	107	47255	18.856	ug/l		95
64) Tetrachloroethene	11.082	164	36839	19.315	ug/l		95
65) Chlorobenzene	11.871	112	123556	18.571	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.941	131	43600	19.273	ug/l		100
67) Ethyl Benzene	11.941	91	204755	18.695	ug/l		100
68) m/p-Xylenes	12.047	106	159328	38.848	ug/l		100
69) o-Xylene	12.382	106	73560	18.777	ug/l		97
70) Styrene	12.394	104	127855	19.400	ug/l		99
71) Bromoform	12.559	173	34274	18.753	ug/l	#	96
73) Isopropylbenzene	12.676	105	192540	19.294	ug/l		100
74) N-amyl acetate	12.518	43	83031m	20.026	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	71491	19.039	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	62574m	17.599	ug/l		
77) Bromobenzene	12.959	156	48290	18.659	ug/l		98
78) n-propylbenzene	13.018	91	243308	19.379	ug/l		100
79) 2-Chlorotoluene	13.106	91	143207	18.559	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	162843	19.152	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.718	75	22418	17.252	ug/l		98
82) 4-Chlorotoluene	13.206	91	148212	18.449	ug/l		98
83) tert-Butylbenzene	13.418	119	138461	19.498	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	172373	19.852	ug/l		98
85) sec-Butylbenzene	13.594	105	212425	19.859	ug/l		100
86) p-Isopropyltoluene	13.706	119	175039	20.419	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	98015	19.297	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	99611	18.362	ug/l		98
89) n-Butylbenzene	14.035	91	168514	20.587	ug/l		99
90) Hexachloroethane	14.312	117	35162	19.360	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	94601	19.659	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.700	75	16412	16.647	ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	52419	18.545	ug/l		99
94) Hexachlorobutadiene	15.476	225	24088	22.935	ug/l		99
95) Naphthalene	15.617	128	172523	17.229	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	52053	18.358	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
Sample : VN0721WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

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\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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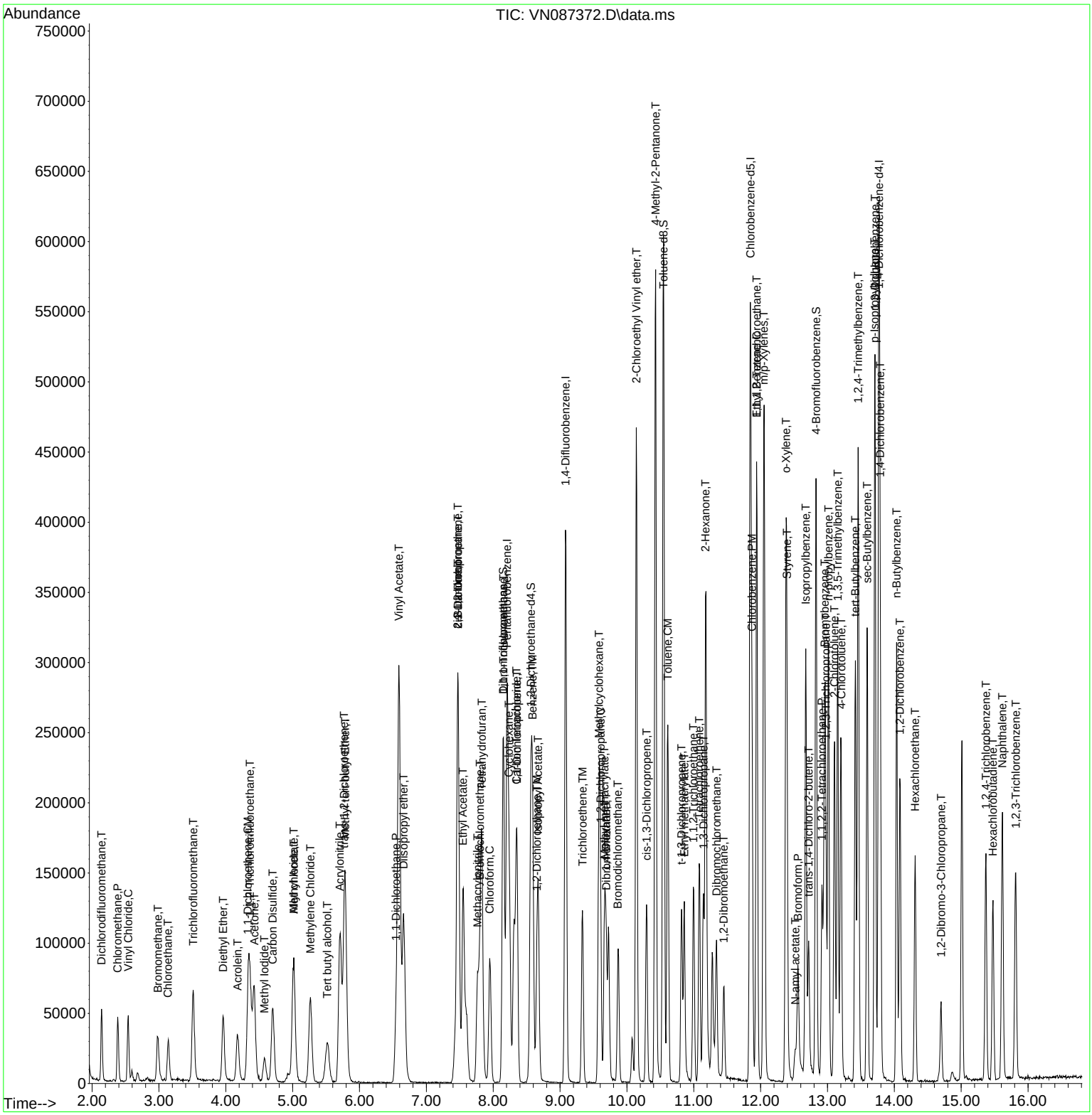
Quant Time: Jul 22 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



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Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087328.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	1,4-Dichlorobenzene	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Acetone	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Allyl chloride	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Methyl tert-butyl Ether	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	Methyl Iodide	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087332.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:58 AM	Sam	7/17/2025 8:25:00 AM	Peak Integrated by Software
VSTDICC150	VN087333.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:59 AM	Sam	7/17/2025 8:25:02 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	N-amyl acetate	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn072125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087368.D	1,2,3-Trichloropropane	JOHN	7/22/2025 9:00:11 AM	MMDadoda	7/22/2025 1:40:43 PM	Peak Integrated by Software
VN0721WBS01	VN087371.D	1,2,3-Trichloropropane	JOHN	7/22/2025 9:00:17 AM	MMDadoda	7/22/2025 1:40:41 PM	Peak Integrated by Software
VN0721WBS01	VN087371.D	N-amyl acetate	JOHN	7/22/2025 9:00:17 AM	MMDadoda	7/22/2025 1:40:41 PM	Peak Integrated by Software
VN0721WBSD01	VN087372.D	1,2,3-Trichloropropane	JOHN	7/22/2025 9:00:21 AM	SAM	7/22/2025 1:54:42 PM	Peak Integrated by Software
VN0721WBSD01	VN087372.D	N-amyl acetate	JOHN	7/22/2025 9:00:21 AM	SAM	7/22/2025 1:54:42 PM	Peak Integrated by Software
VSTDCCC050	VN087387.D	1,2,3-Trichloropropane	JOHN	7/22/2025 9:00:47 AM	MMDadoda	7/22/2025 1:40:38 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087327.D	16 Jul 2025 16:10	JC\MD	Ok
2	VSTDICC001	VN087328.D	16 Jul 2025 17:05	JC\MD	Ok,M
3	VSTDICC005	VN087329.D	16 Jul 2025 17:27	JC\MD	Ok,M
4	VSTDICC020	VN087330.D	16 Jul 2025 17:49	JC\MD	Ok,M
5	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	JC\MD	Ok,M
6	VSTDICC100	VN087332.D	16 Jul 2025 18:32	JC\MD	Ok,M
7	VSTDICC150	VN087333.D	16 Jul 2025 18:54	JC\MD	Ok,M
8	IBLK	VN087334.D	16 Jul 2025 19:16	JC\MD	Ok
9	VSTDICV050	VN087335.D	16 Jul 2025 19:59	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072125

Review By	John Carlone	Review On	7/22/2025 9:07:37 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:40:47 PM		
SubDirectory	VN072125	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134840
Initial Calibration Stds	
CCC	VP134841,VP134842
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087367.D	21 Jul 2025 10:05	JC\MD	Ok
2	VSTDCCC050	VN087368.D	21 Jul 2025 10:38	JC\MD	Ok,M
3	VN0721MBL01	VN087369.D	21 Jul 2025 11:13	JC\MD	Ok
4	VN0721WBL01	VN087370.D	21 Jul 2025 11:34	JC\MD	Ok
5	VN0721WBS01	VN087371.D	21 Jul 2025 11:55	JC\MD	Ok,M
6	VN0721WBSD01	VN087372.D	21 Jul 2025 12:30	JC\MD	Ok,M
7	Q2646-01	VN087373.D	21 Jul 2025 12:51	JC\MD	Ok
8	IBLK	VN087374.D	21 Jul 2025 13:13	JC\MD	Ok
9	PB168920TB	VN087375.D	21 Jul 2025 13:34	JC\MD	Ok
10	Q2641-02	VN087376.D	21 Jul 2025 13:55	JC\MD	Ok
11	Q2645-03	VN087377.D	21 Jul 2025 14:16	JC\MD	Ok
12	Q2649-04	VN087378.D	21 Jul 2025 14:38	JC\MD	Ok
13	Q2649-08	VN087379.D	21 Jul 2025 14:59	JC\MD	Ok,M
14	Q2649-12	VN087380.D	21 Jul 2025 15:20	JC\MD	Ok
15	Q2649-16	VN087381.D	21 Jul 2025 15:42	JC\MD	Ok
16	Q2649-20	VN087382.D	21 Jul 2025 16:03	JC\MD	Ok
17	Q2649-24	VN087383.D	21 Jul 2025 16:24	JC\MD	Ok
18	PB168921TB	VN087384.D	21 Jul 2025 16:46	JC\MD	Ok
19	Q2646-03	VN087385.D	21 Jul 2025 17:07	JC\MD	Ok
20	Q2664-01	VN087386.D	21 Jul 2025 17:29	JC\MD	Ok
21	VSTDCCC050	VN087387.D	21 Jul 2025 17:50	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087327.D	16 Jul 2025 16:10		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN087328.D	16 Jul 2025 17:05		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN087329.D	16 Jul 2025 17:27	% d fail for com.#10 in 5 ppb	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN087330.D	16 Jul 2025 17:49	LR- 10,20	JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	QR- 56	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN087332.D	16 Jul 2025 18:32		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN087333.D	16 Jul 2025 18:54		JC\MD	Ok,M
8	IBLK	IBLK	VN087334.D	16 Jul 2025 19:16		JC\MD	Ok
9	VSTDICV050	ICVVN071625	VN087335.D	16 Jul 2025 19:59		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072125

Review By	John Carlone	Review On	7/22/2025 9:07:37 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:40:47 PM		
SubDirectory	VN072125	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134840
Initial Calibration Stds	
CCC	VP134841,VP134842
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	VN087367.D	21 Jul 2025 10:05		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087368.D	21 Jul 2025 10:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0721MBL01	VN0721MBL01	VN087369.D	21 Jul 2025 11:13		JC\MD	Ok
4	VN0721WBL01	VN0721WBL01	VN087370.D	21 Jul 2025 11:34		JC\MD	Ok
5	VN0721WBS01	VN0721WBS01	VN087371.D	21 Jul 2025 11:55		JC\MD	Ok,M
6	VN0721WBSD01	VN0721WBSD01	VN087372.D	21 Jul 2025 12:30		JC\MD	Ok,M
7	Q2646-01	FRAC TANK	VN087373.D	21 Jul 2025 12:51	vial A pH<2	JC\MD	Ok
8	IBLK	IBLK	VN087374.D	21 Jul 2025 13:13		JC\MD	Ok
9	PB168920TB	PB168920TB	VN087375.D	21 Jul 2025 13:34		JC\MD	Ok
10	Q2641-02	P001-CONCRETE001-	VN087376.D	21 Jul 2025 13:55	vial A pH#5.0	JC\MD	Ok
11	Q2645-03	RW5B-CARBON-2025(	VN087377.D	21 Jul 2025 14:16	vial A pH#5.0	JC\MD	Ok
12	Q2649-04	WC-1	VN087378.D	21 Jul 2025 14:38	vial A pH#5.0	JC\MD	Ok
13	Q2649-08	WC-2	VN087379.D	21 Jul 2025 14:59	vial A pH#5.0	JC\MD	Ok,M
14	Q2649-12	WC-3	VN087380.D	21 Jul 2025 15:20	vial A pH#5.0	JC\MD	Ok
15	Q2649-16	WC-4	VN087381.D	21 Jul 2025 15:42	vial A pH#5.0	JC\MD	Ok
16	Q2649-20	WC-5	VN087382.D	21 Jul 2025 16:03	vial A pH#5.0	JC\MD	Ok
17	Q2649-24	WC-6	VN087383.D	21 Jul 2025 16:24	vial A pH#5.0	JC\MD	Ok
18	PB168921TB	PB168921TB	VN087384.D	21 Jul 2025 16:46		JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072125

Review By	John Carlone	Review On	7/22/2025 9:07:37 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:40:47 PM		
SubDirectory	VN072125	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134840
Initial Calibration Stds	
CCC	VP134841,VP134842
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2646-03	FRAC TANK	VN087385.D	21 Jul 2025 17:07	vial A pH#5.0	JC\MD	Ok
20	Q2664-01	GDW3	VN087386.D	21 Jul 2025 17:29	vial A pH<2	JC\MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VN087387.D	21 Jul 2025 17:50		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. Q 2646
QUOTE NO.
COC Number 2047597

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ENVIRONMENTAL RESTORATION
ADDRESS: 627 COURT ST
CITY BINGHAMTON STATE NY ZIP 13901
ATTENTION: STEVE MOTTA
PHONE: 3146037026 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: GREENTOPIA
PROJECT NO. GR217 LOCATION: N. ARLINGTON
PROJECT MANAGER: STEVE MOTTA
e-mail: S.MOTTA@ERLLC.COM
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: " PO#: GR217
ADDRESS: 627 COURT ST
CITY BINGHAMTON STATE: NY ZIP: 13901
ATTENTION: STEVE PHONE: 3146037026

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: TOX 2: TCLP HERB. PEST BUD 3. BTU 4 FLASHPOINT 5 PCB 6 PH/TSS/EXT 7 VOC-TCLVOA 8 TCLPVOA 9 METALS/MERC

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1. 1	FRACTANK	LIQ		X	7/18	0930	1	✓						✓			H2SO4
2. 2	FRACTANK			X			2		✓								
3. 3	FRACTANK			X			1			✓							
4. 4	FRACTANK			X			1				✓						
5. 5	FRAC TANK			X			1					✓					
6. 6	FRAC TANK			X			1						✓				
7. 8	FRACTANK			X			2							✓			HCL
8. 9	FRAC TANK			X			2								✓		
9. 10	FRAC TANK			X			1									✓	
10.				X													

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. STEVE MOTTA	7/18 1018	1. 7-18-25 1018
2.	DATE/TIME:	2.
3.	7-18-25 1220	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.1 °C
Comments:

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2646 ENVI60
Client Name : Environmental Restoration,
Client Contact : Steve Motta
Invoice Name : Environmental Restoration,
Invoice Contact : Steve Motta

Order Date : 7/18/2025 11:47:00 AM
Project Name : North Arlington, NJ
Receive DateTime : 7/18/2025 ~~2:00:00~~ PM 12:20:00
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2646-01	FRAC TANK	Water	07/18/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :
Date / Time : 7-18-25 1300

Received By : Sam
Date / Time : 07/18/25 13:00

Storage Area : **VOA Refridgerator Room**