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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3058	**OrderDate:**	9/9/2025 1:49:00 PM
Client:	G Environmental	**Project:**	Buffington
Contact:	Gary Landis	**Location:**	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3058-03	**MW4**	**Water**			**09/09/25**			**09/09/25**
			VOCMS Group1	8260-Low			09/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3058

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q3058-03	MW4	Water	Chloromethane		24.3		0.32	1.00	ug/L
Q3058-03	MW4	Water	Bromomethane		9.90		1.40	5.00	ug/L
Q3058-03	MW4	Water	Acetone		23.1		1.50	5.00	ug/L
Q3058-03	MW4	Water	Carbon Disulfide		0.76	J	0.21	1.00	ug/L
Q3058-03	MW4	Water	Chloroform		3.00		0.25	1.00	ug/L
Q3058-03	MW4	Water	Benzene		0.79	J	0.15	1.00	ug/L
Q3058-03	MW4	Water	Bromodichloromethane		0.37	J	0.22	1.00	ug/L
Q3058-03	MW4	Water	Toluene		1.10		0.14	1.00	ug/L
Q3058-03	MW4	Water	Ethyl Benzene		0.82	J	0.13	1.00	ug/L
Q3058-03	MW4	Water	m/p-Xylenes		0.99	J	0.24	2.00	ug/L
Q3058-03	MW4	Water	o-Xylene		1.10		0.12	1.00	ug/L
			Total Voc :		66.2				
Q3058-03	MW4	Water	Naphthalene	*	1.20	J	0.20	1.00	ug/L
Q3058-03	MW4	Water	Methyl Iodide	*	14.6	J	0.83	5.00	ug/L
			Total Tics :		15.8				
			Total Concentration:		82.0				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3058

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3058-03	MW4	1,2-Dichloroethane-d4	50	51.6	103		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	46.8	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
VN0910WBL01	VN0910WBL01	1,2-Dichloroethane-d4	50	55.0	110		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	47.9	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.2	88		70 (77)	130 (121)
VN0910WBS01	VN0910WBS01	1,2-Dichloroethane-d4	50	46.3	93		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	46.1	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
VN0910WBSD0	VN0910WBSD01	1,2-Dichloroethane-d4	50	45.1	90		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)
		Toluene-d8	50	48.0	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.0	94		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBS01	Dichlorodifluoromethane	20	19.0	ug/L	95			40 (69)	160 (116)	
	Chloromethane	20	19.9	ug/L	100			40 (65)	160 (116)	
	Vinyl chloride	20	19.7	ug/L	99			70 (65)	130 (117)	
	Bromomethane	20	21.0	ug/L	105			40 (58)	160 (125)	
	Chloroethane	20	19.4	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.2	ug/L	101			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.5	ug/L	98			70 (74)	130 (110)	
	Acetone	100	97.1	ug/L	97			40 (60)	160 (125)	
	Carbon disulfide	20	17.6	ug/L	88			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.7	ug/L	99			70 (78)	130 (114)	
	Methyl Acetate	20	23.8	ug/L	119			70 (67)	130 (125)	
	Methylene Chloride	20	20.0	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.3	ug/L	102			70 (78)	130 (112)	
	Cyclohexane	20	17.9	ug/L	90			70 (75)	130 (110)	
	2-Butanone	100	97.4	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.5	ug/L	103			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.8	ug/L	99			70 (77)	130 (110)	
	Bromochloromethane	20	18.5	ug/L	93			70 (70)	130 (124)	
	Chloroform	20	20.8	ug/L	104			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			70 (80)	130 (108)	
	Methylcyclohexane	20	17.5	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.2	ug/L	101			70 (80)	130 (115)	
	Trichloroethene	20	20.0	ug/L	100			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Dibromomethane	20	20.9	ug/L	104			70 (82)	130 (110)	
	Bromodichloromethane	20	21.2	ug/L	106			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.1	ug/L	101			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.6	ug/L	108			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	1,2-Dibromoethane	20	20.9	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	19.4	ug/L	97			70 (67)	130 (123)	
	Chlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	Ethyl Benzene	20	20.1	ug/L	101			70 (83)	130 (109)	
	m/p-Xylenes	40	40.3	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	21.1	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	23.2	ug/L	116			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/L	98			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087778.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0910WBSD01	Dichlorodifluoromethane	20	19.5	ug/L	98	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	20.1	ug/L	101	1		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.9	ug/L	95	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.3	ug/L	106	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.7	ug/L	94	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	20.8	ug/L	104	3		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.2	ug/L	96	2		70 (74)	130 (110)	20 (20)
	Acetone	100	93.6	ug/L	94	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.0	ug/L	85	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.2	ug/L	96	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.7	ug/L	119	0		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.0	ug/L	95	5		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.4	ug/L	92	3		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.0	ug/L	95	7		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.0	ug/L	90	0		70 (75)	130 (110)	20 (20)
	2-Butanone	100	96.7	ug/L	97	0		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	21.5	ug/L	108	5		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.8	ug/L	89	4		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.3	ug/L	102	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.8	ug/L	99	2		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	8		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	3		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.6	ug/L	103	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.4	ug/L	102	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.9	ug/L	100	0		70 (83)	130 (111)	20 (16)
	Dibromomethane	20	21.2	ug/L	106	2		70 (82)	130 (110)	20 (20)
	Bromodichloromethane	20	21.5	ug/L	108	2		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (25)
	Toluene	20	20.4	ug/L	102	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	21.3	ug/L	106	2		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.0	ug/L	105	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	22.1	ug/L	111	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	1,2-Dibromoethane	20	21.7	ug/L	109	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.8	ug/L	99	2		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.6	ug/L	103	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.2	ug/L	101	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	42.0	ug/L	105	4		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.6	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	21.0	ug/L	105	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.7	ug/L	114	2		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.3	ug/L	106	5		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.7	ug/L	99	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.8	ug/L	99	0		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3058 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087778.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0910WBSD01	1,2-Dibromo-3-Chloropropane	20	20.2	ug/L	101	3		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.7	ug/L	99	3		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.8	ug/L	99	1		70 (76)	130 (114)	20 (29)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0910WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3058

Lab File ID: VN087776.D | Lab Sample ID: VN0910WBL01

Date Analyzed: 09/10/2025 | Time Analyzed: 12:46

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
VN0910WBS01	VN0910WBS01	VN087777.D	09/10/2025
VN0910WBSD01	VN0910WBSD01	VN087778.D	09/10/2025
MW4	Q3058-03	VN087782.D	09/10/2025

COMMENTS:

Raw Data: **VN087614.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3058
Lab File ID: VN087614.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:30
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	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

Raw Data: **VN087773.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3058

Lab File ID: VN087773.D | BFB Injection Date: 09/10/2025

Instrument ID: MSVOA_N | BFB Injection Time: 11:13

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	22
75	30.0 - 60.0% of mass 95	56.3
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	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	72.4
175	5.0 - 9.0% of mass 174	5.9 (8.1) 1
176	95.0 - 101.0% of mass 174	69.2 (95.5) 1
177	5.0 - 9.0% of mass 176	4.9 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087774.D	09/10/2025	11:47
VN0910WBL01	VN0910WBL01	VN087776.D	09/10/2025	12:46
VN0910WBS01	VN0910WBS01	VN087777.D	09/10/2025	13:29
VN0910WBSD01	VN0910WBSD01	VN087778.D	09/10/2025	13:50
MW4	Q3058-03	VN087782.D	09/10/2025	15:47

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3058

Lab File ID: VN087774.D Date Analyzed: 09/10/2025

Instrument ID: MSVOA_N Time Analyzed: 11:47

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	241352	8.21	467783	9.08	458675	11.84
UPPER LIMIT	482704	8.706	935566	9.582	917350	12.341
LOWER LIMIT	120676	7.706	233892	8.582	229338	11.341
EPA SAMPLE NO.						
MW4	196528	8.21	453885	9.08	434796	11.84
VN0910WBL01	177881	8.21	413161	9.08	392580	11.84
VN0910WBS01	247948	8.21	481179	9.08	443678	11.85
VN0910WBSD01	258583	8.21	480224	9.08	451507	11.84

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: GENV01

Lab Code: ACE SDG NO.: Q3058

Lab File ID: VN087774.D Date Analyzed: 09/10/2025

Instrument ID: MSVOA_N Time Analyzed: 11:47

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

	IS4 AREA #	RT #				
12 HOUR STD	238791	13.77				
UPPER LIMIT	477582	14.27				
LOWER LIMIT	119396	13.27				
EPA SAMPLE NO.						
MW4	206220	13.77				
VN0910WBL01	179388	13.77				
VN0910WBS01	236791	13.77				
VN0910WBSD01	236702	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: **VN087782.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	09/09/25
Project:	Buffington	Date Received:	09/09/25
Client Sample ID:	MW4	SDG No.:	Q3058
Lab Sample ID:	Q3058-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087782.D	1	09/10/25 15:47	VN091025

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	24.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	9.90		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	23.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.76	J	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	3.00		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	0.79	J	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
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.37	J	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VN087782.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	09/09/25
Project:	Buffington	Date Received:	09/09/25
Client Sample ID:	MW4	SDG No.:	Q3058
Lab Sample ID:	Q3058-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087782.D	1	09/10/25 15:47	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	1.10		0.14	1.00	ug/L
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
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	0.82	J	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.99	J	0.24	2.00	ug/L
95-47-6	o-Xylene	1.10		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	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	8.206			
540-36-3	1,4-Difluorobenzene	454000	9.082			
3114-55-4	Chlorobenzene-d5	435000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087782.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	09/09/25	
Project:	Buffington		Date Received:	09/09/25	
Client Sample ID:	MW4		SDG No.:	Q3058	
Lab Sample ID:	Q3058-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087782.D	1	09/10/25 15:47	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
74-88-4	Methyl Iodide	14.6	J		4.58	ug/L
91-20-3	Naphthalene	1.20	J		15.6	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Sep 11 02:05:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

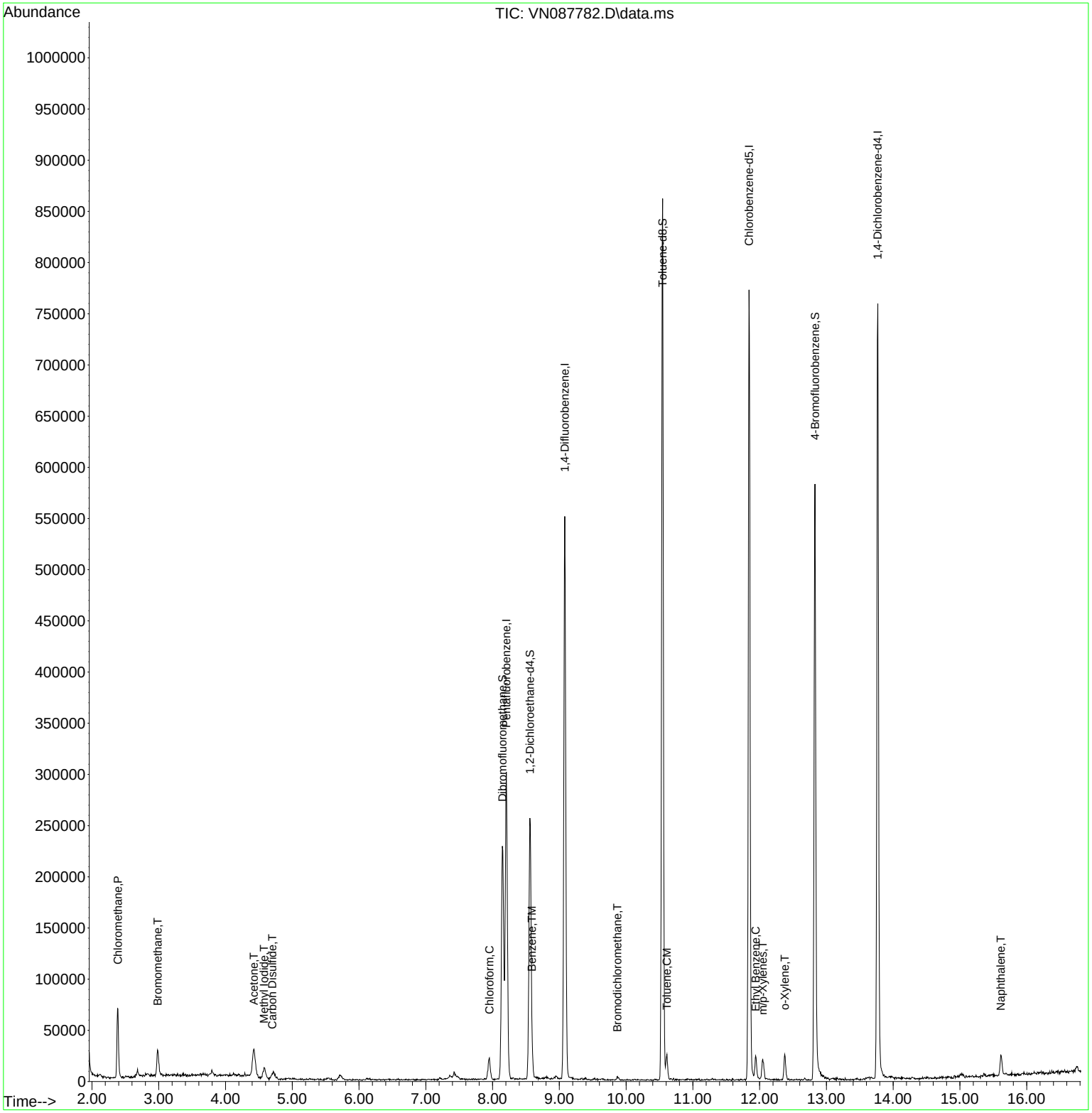
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	196528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	453885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	434796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	207855	51.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.147	113	164718	50.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.547	98	573709	46.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.540%			
62) 4-Bromofluorobenzene	12.829	95	205625	47.141	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.280%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	69637	24.277	ug/l	95
5) Bromomethane	2.983	94	16998	9.905	ug/l	89
10) Methyl Iodide	4.577	142	18472	14.554	ug/l #	96
16) Acetone	4.424	43	50618	23.092	ug/l	97
17) Carbon Disulfide	4.700	76	5929	0.760	ug/l #	88
30) Chloroform	7.953	83	18426	2.971	ug/l	87
40) Benzene	8.588	78	12142	0.787	ug/l	97
47) Bromodichloromethane	9.871	83	2163	0.365	ug/l #	70
52) Toluene	10.612	92	10092	1.056	ug/l	85
67) Ethyl Benzene	11.941	91	15321	0.818	ug/l	95
68) m/p-Xylenes	12.047	106	6766	0.985	ug/l	99
69) o-Xylene	12.376	106	7363	1.094	ug/l	96
95) Naphthalene	15.611	128	18706	1.198	ug/l #	92

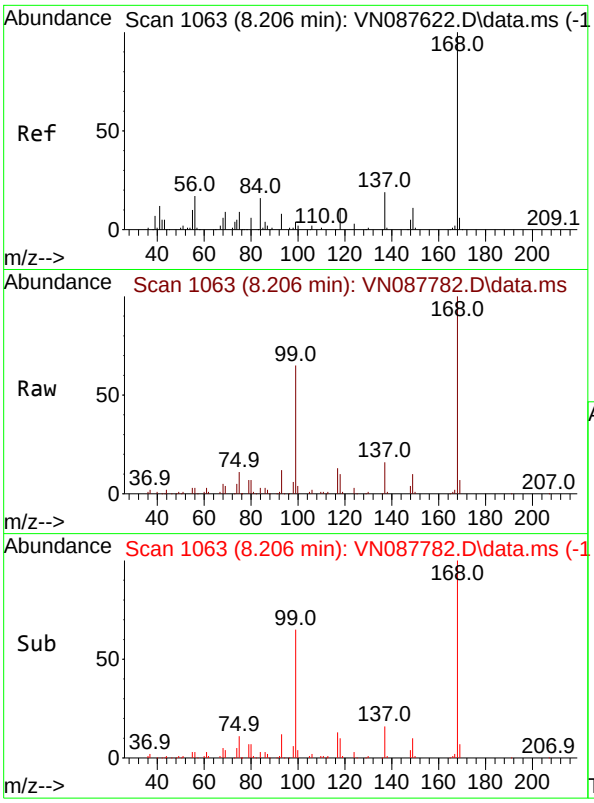
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Sep 11 02:05:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



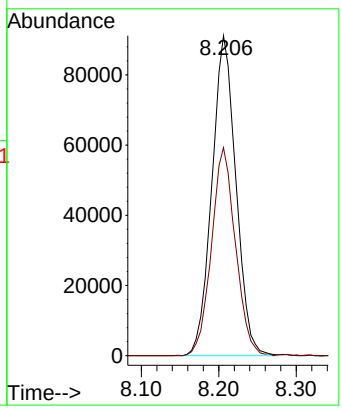


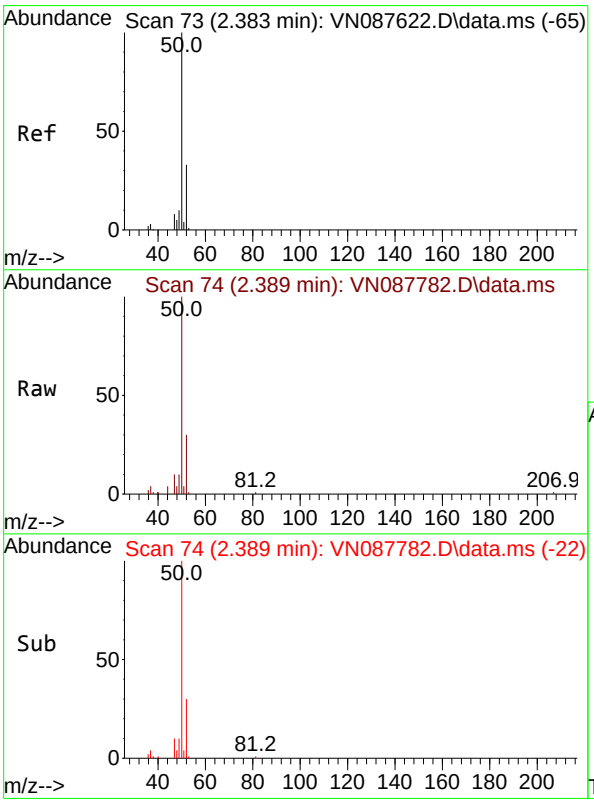
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:168 Resp: 196528

Ion	Ratio	Lower	Upper
168	100		
99	64.8	57.2	85.8

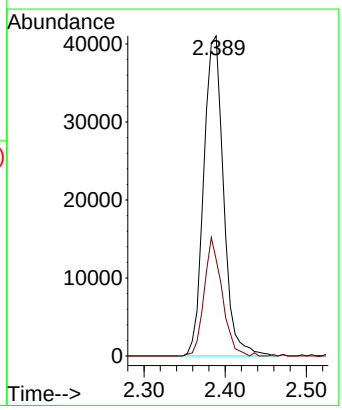


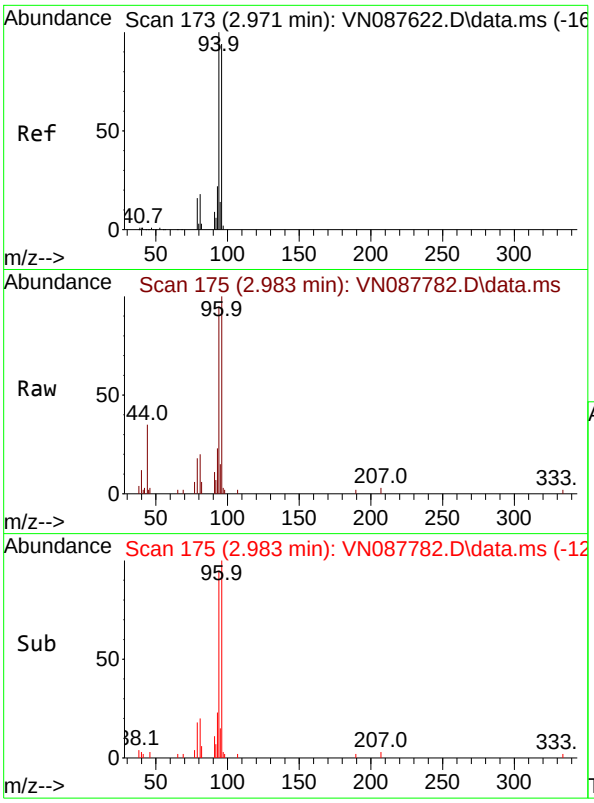


#3
Chloromethane
Concen: 24.277 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 50 Resp: 69637

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.2	39.4



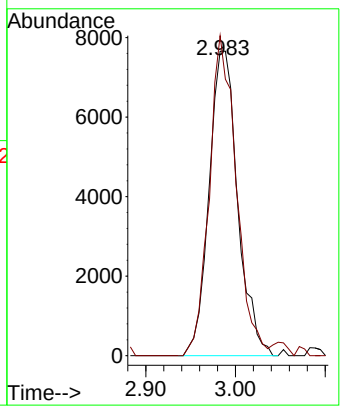


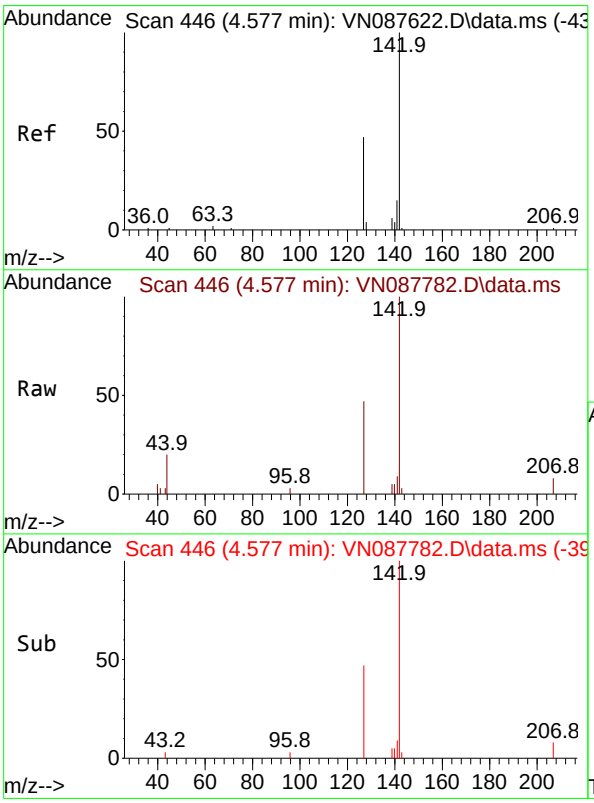
#5
Bromomethane
Concen: 9.905 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 94 Resp: 16998

Ion	Ratio	Lower	Upper
94	100		
96	105.1	75.4	113.2

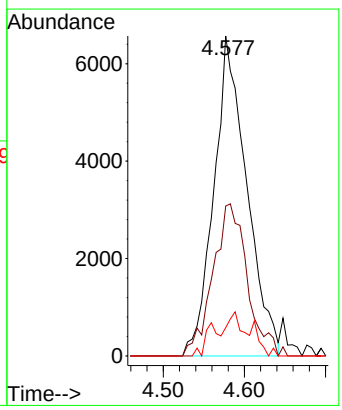


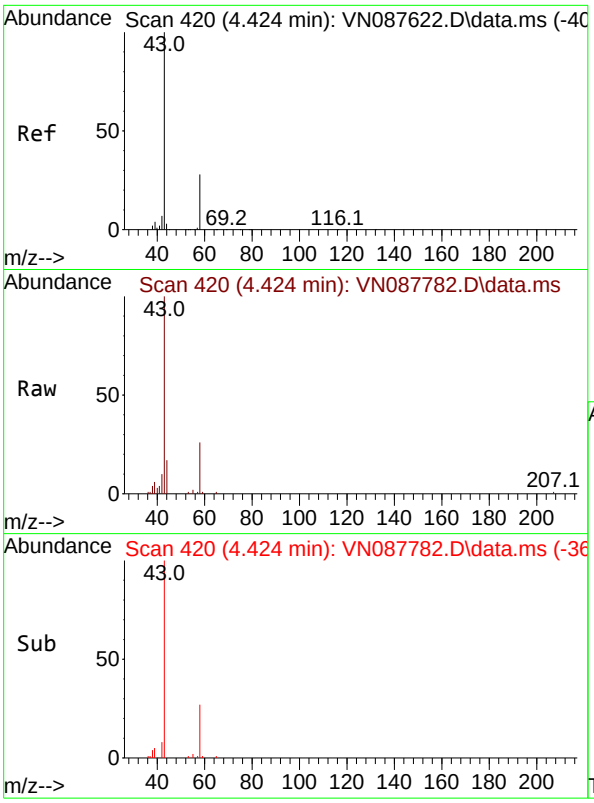


#10
Methyl Iodide
Concen: 14.554 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:142 Resp: 18472

Ion	Ratio	Lower	Upper
142	100		
127	46.8	38.0	57.0
141	8.8	12.0	18.0#



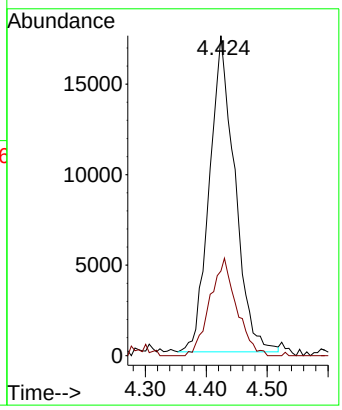


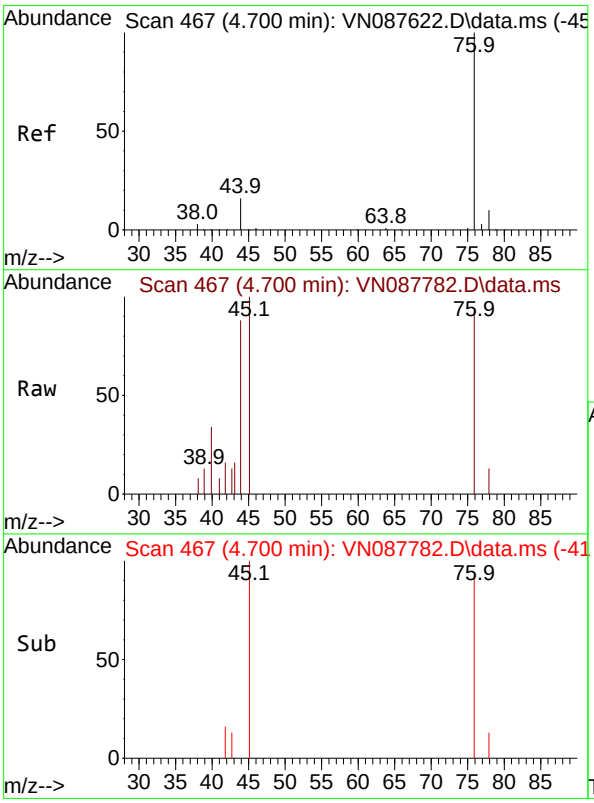
#16
Acetone
Concen: 23.092 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 43 Resp: 50618

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.6	33.8

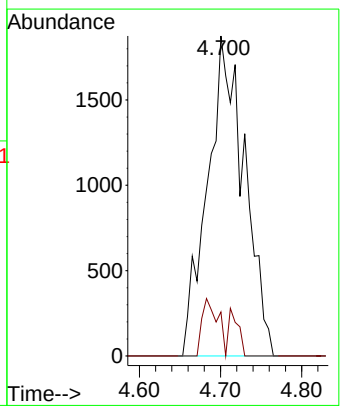


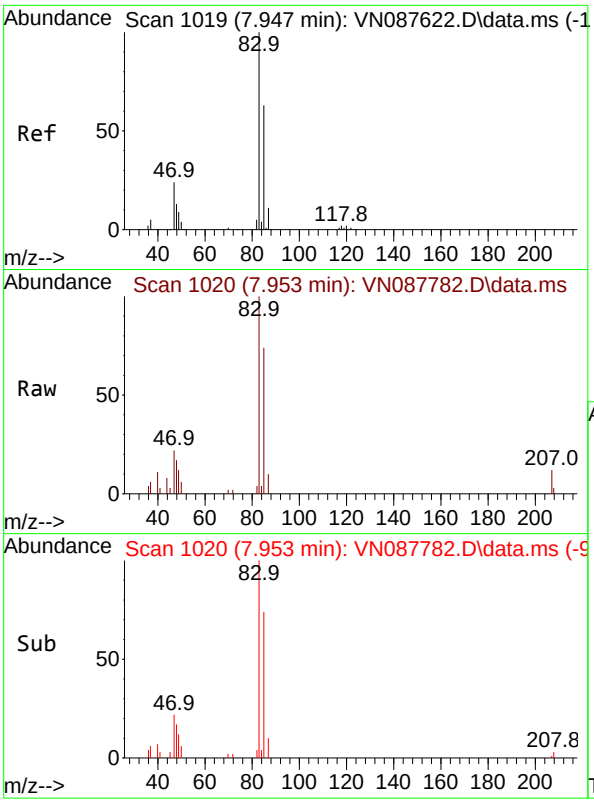


#17
Carbon Disulfide
Concen: 0.760 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 76 Resp: 5929

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.6	11.4#



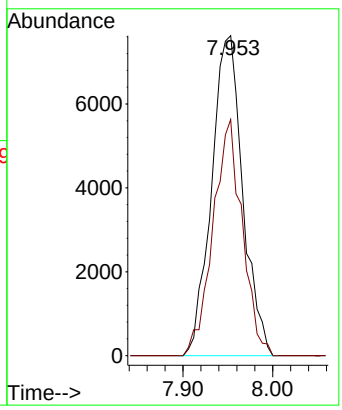


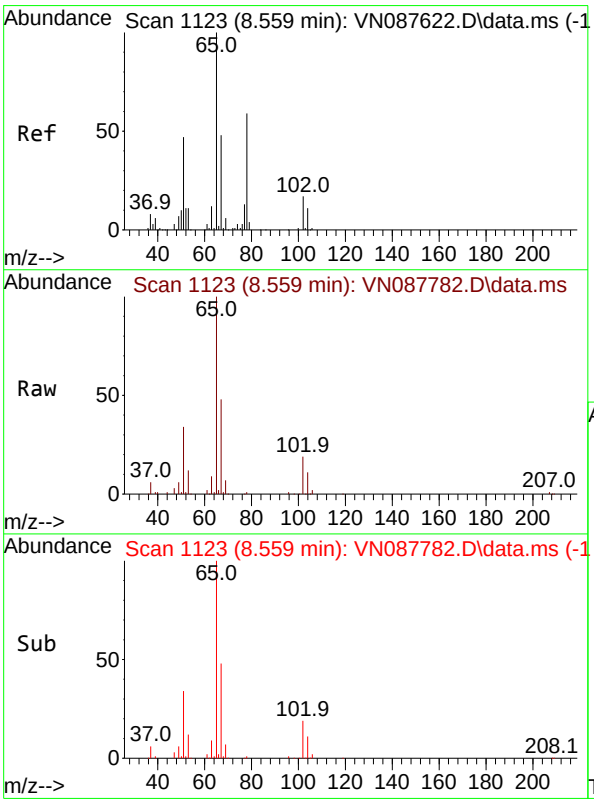
#30
Chloroform
Concen: 2.971 ug/l
RT: 7.953 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 83 Resp: 18426

Ion	Ratio	Lower	Upper
83	100		
85	73.8	50.7	76.1

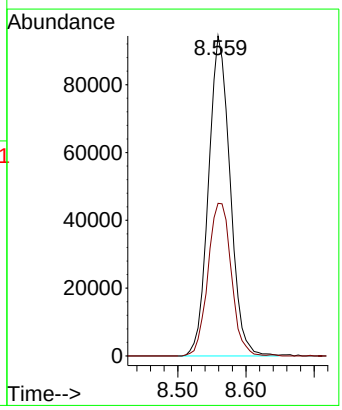


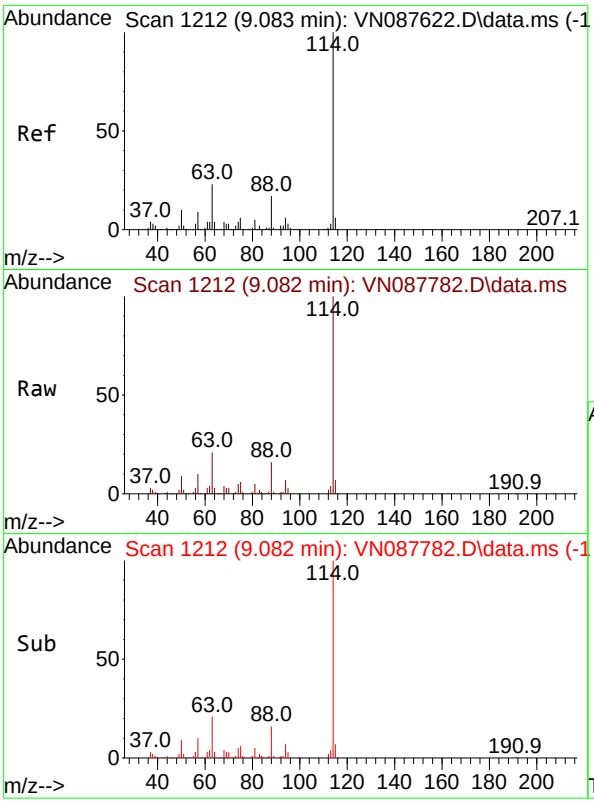


#33
1,2-Dichloroethane-d4
Concen: 51.620 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 65 Resp: 207855

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.0



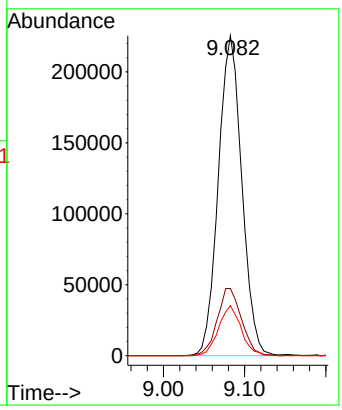


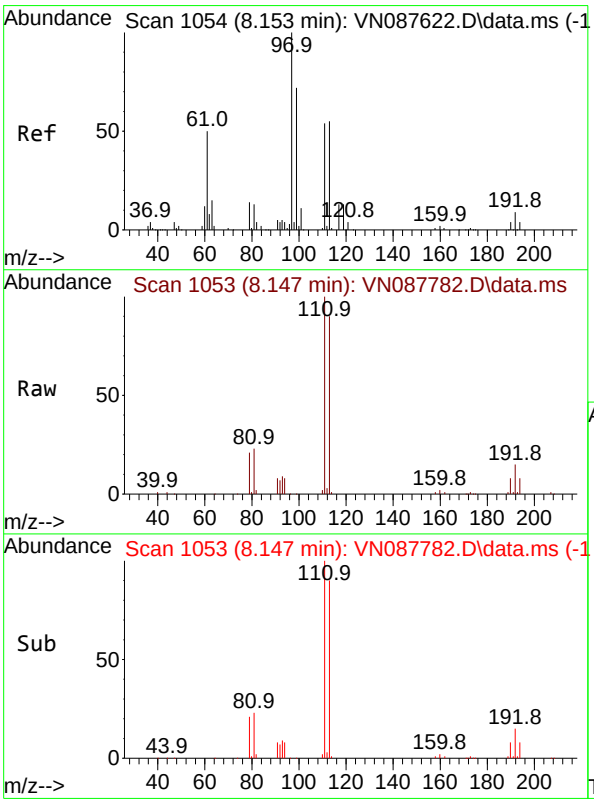
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:114 Resp: 453885

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.2
88	15.7	0.0	33.4

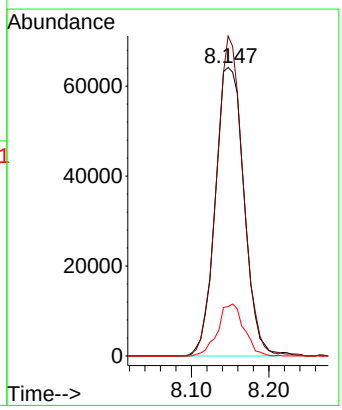


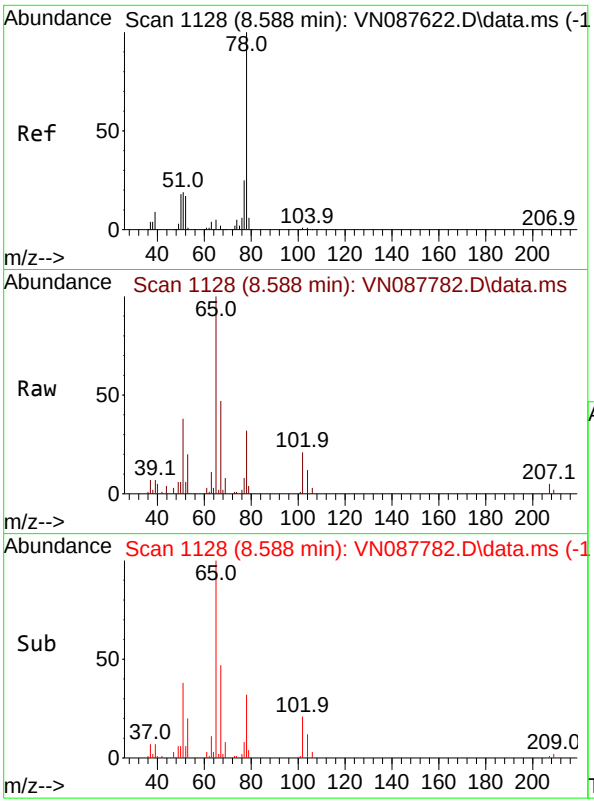


#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:113 Resp: 164718

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	16.5	12.8	19.2



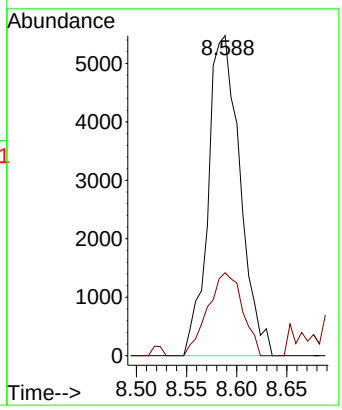


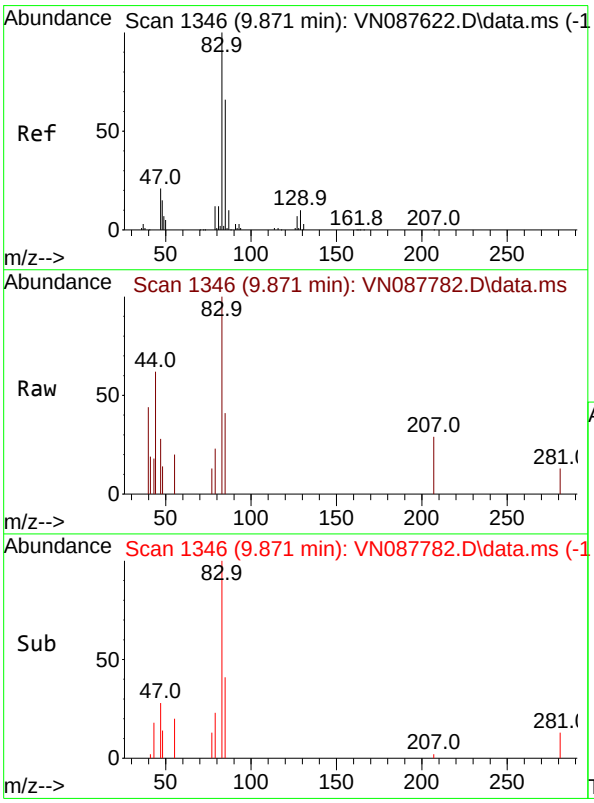
#40
Benzene
Concen: 0.787 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 78 Resp: 12142

Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.7	29.5

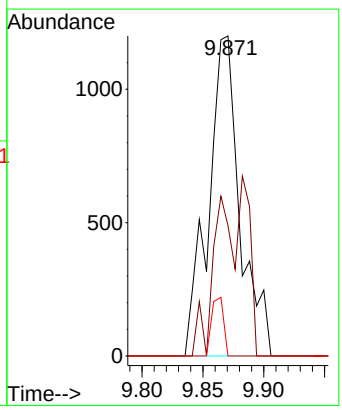


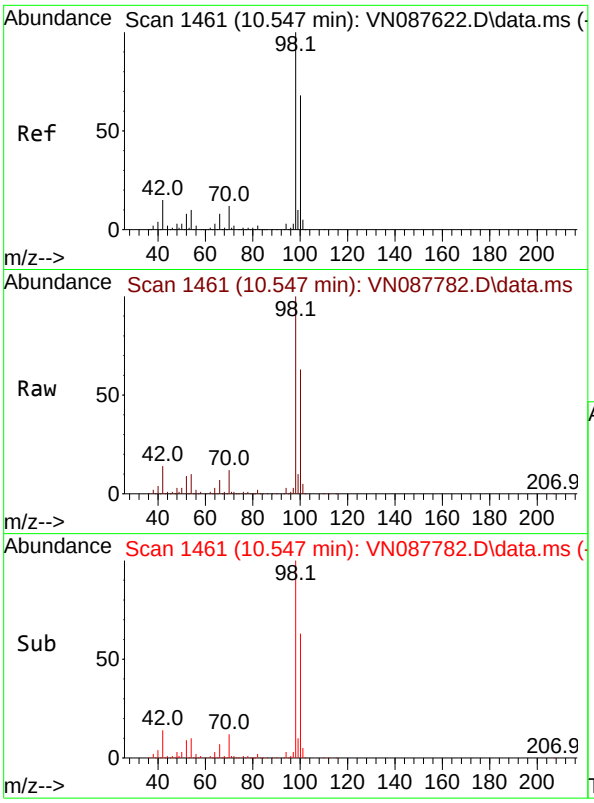


#47
Bromodichloromethane
Concen: 0.365 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 83 Resp: 2163

Ion	Ratio	Lower	Upper
83	100		
85	40.8	52.5	78.7#
127	0.0	5.8	8.6#



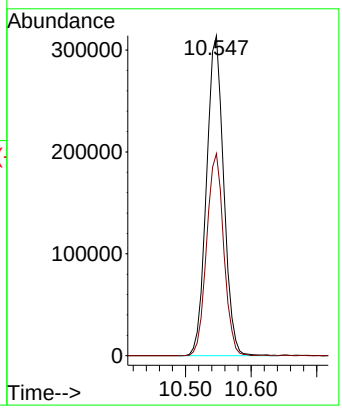


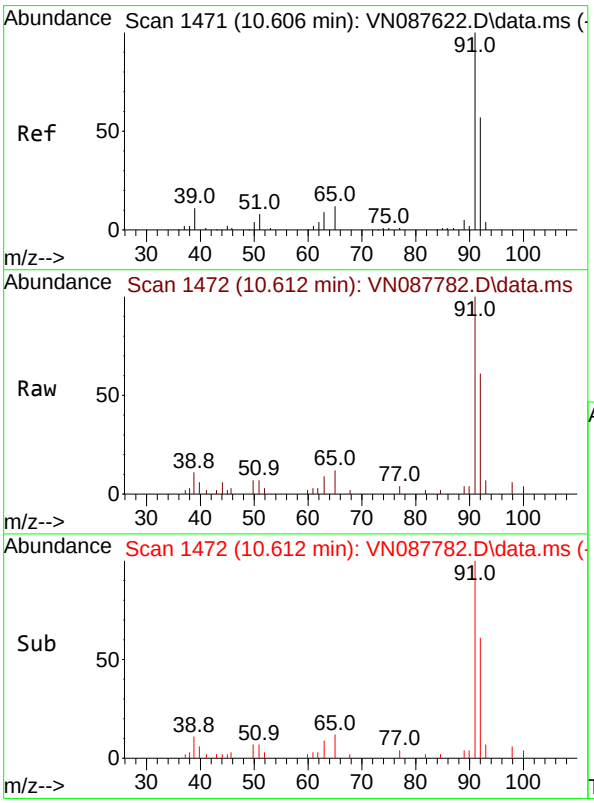
#50
Toluene-d8
Concen: 46.775 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 98 Resp: 573709

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.8	79.2

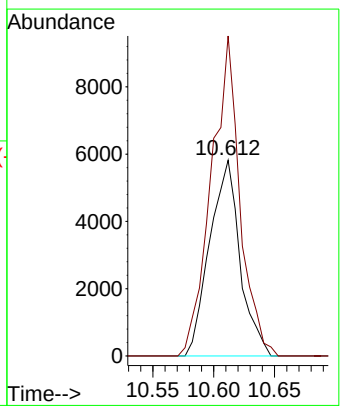


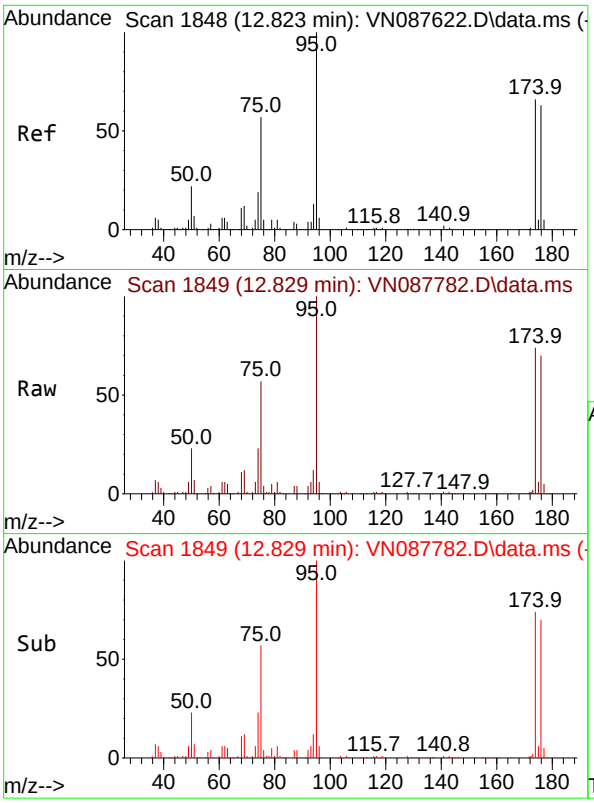


#52
Toluene
Concen: 1.056 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion: 92 Resp: 10092

Ion	Ratio	Lower	Upper
92	100		
91	155.0	140.4	210.6



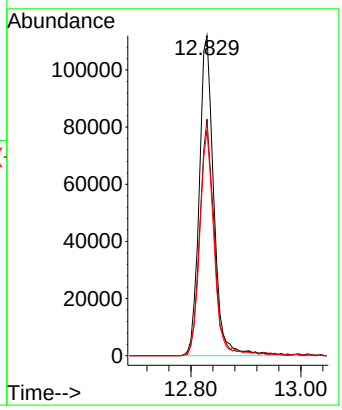


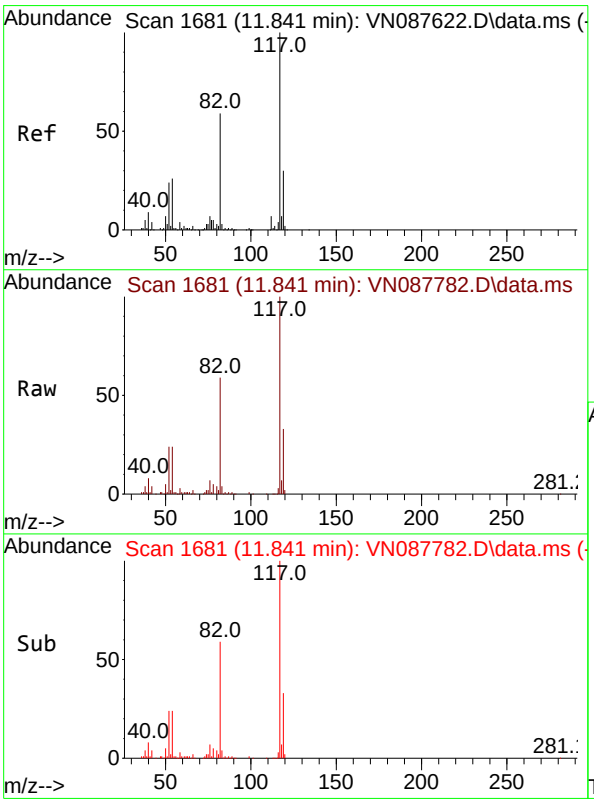
#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 95 Resp: 205625

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	138.4
176	69.8	0.0	132.6

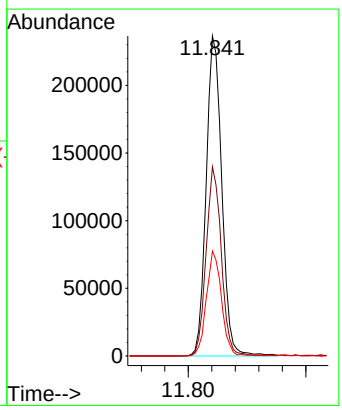


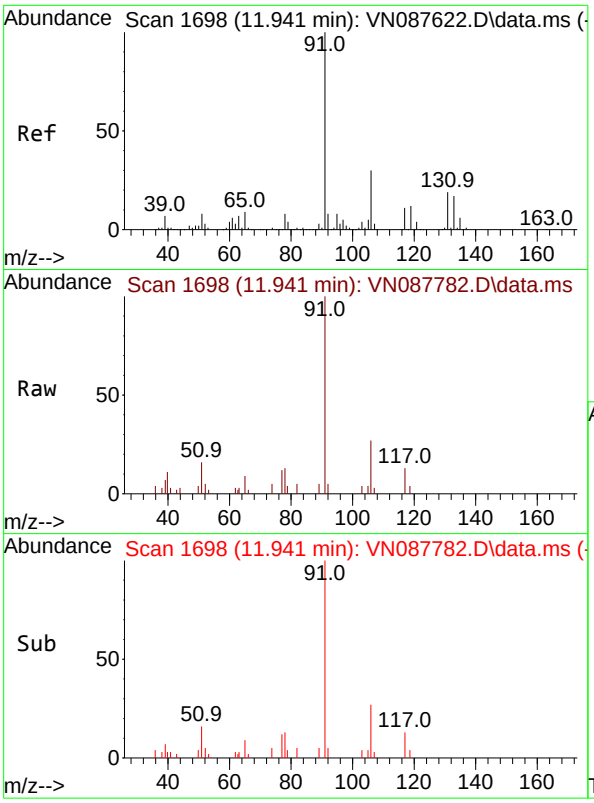


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:117 Resp: 434796

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.4	71.2
119	32.8	24.3	36.5



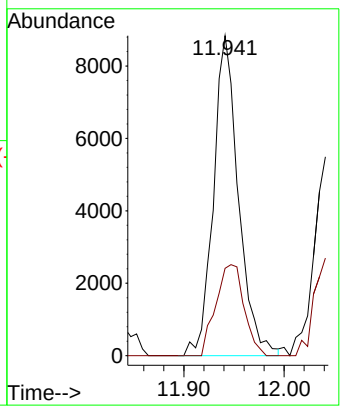


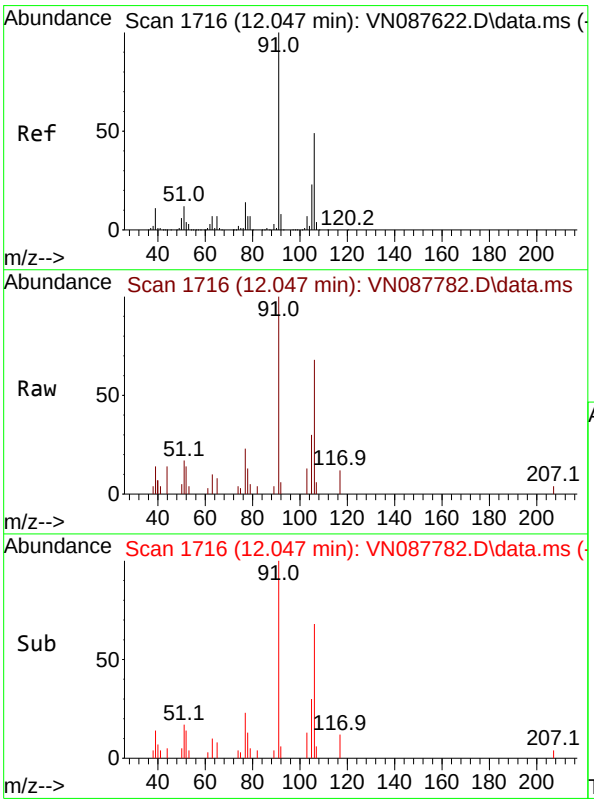
#67
Ethyl Benzene
Concen: 0.818 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 15321

Ion	Ratio	Lower	Upper
91	100		
106	27.3	24.1	36.1

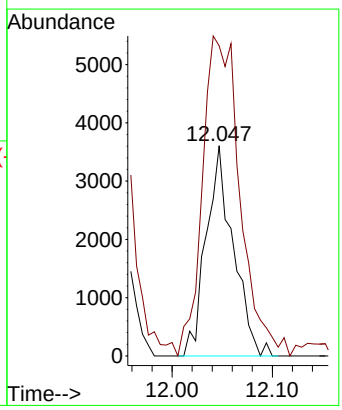


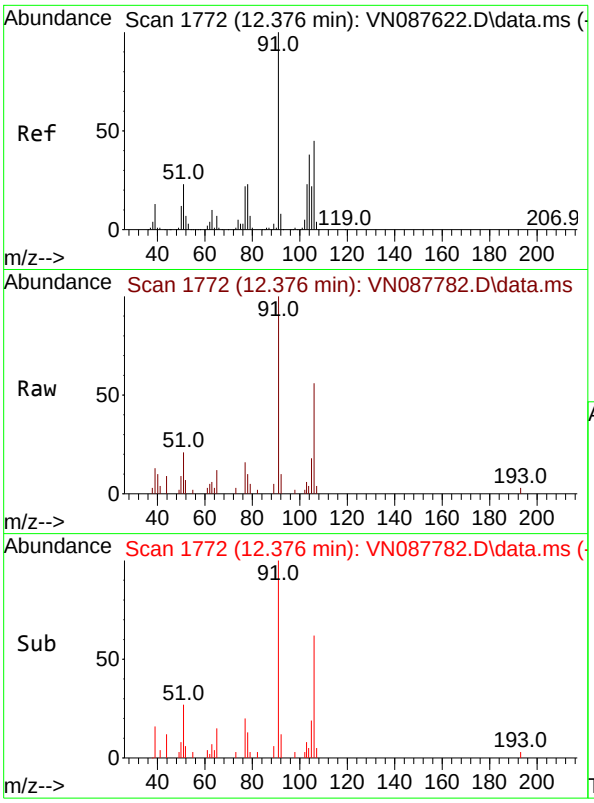


#68
m/p-Xylenes
Concen: 0.985 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:106 Resp: 6766

Ion	Ratio	Lower	Upper
106	100		
91	210.8	169.3	253.9



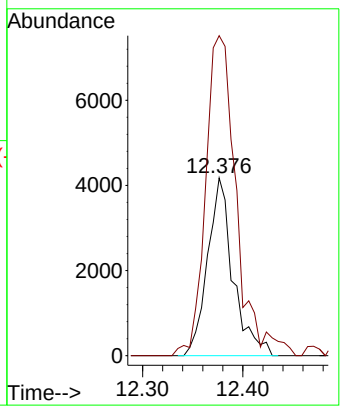


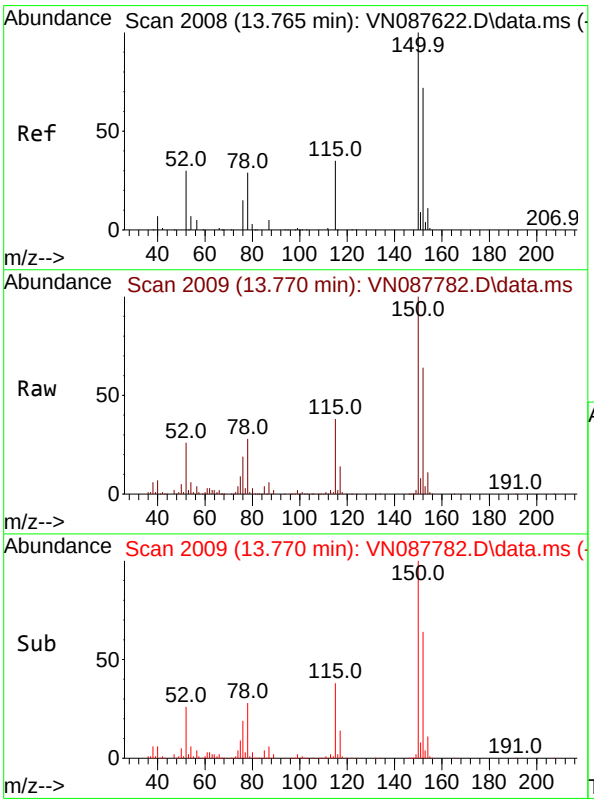
#69
o-Xylene
Concen: 1.094 ug/l
RT: 12.376 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:106 Resp: 7363

Ion	Ratio	Lower	Upper
106	100		
91	216.7	111.4	334.2

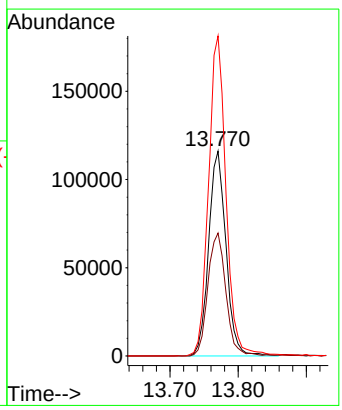


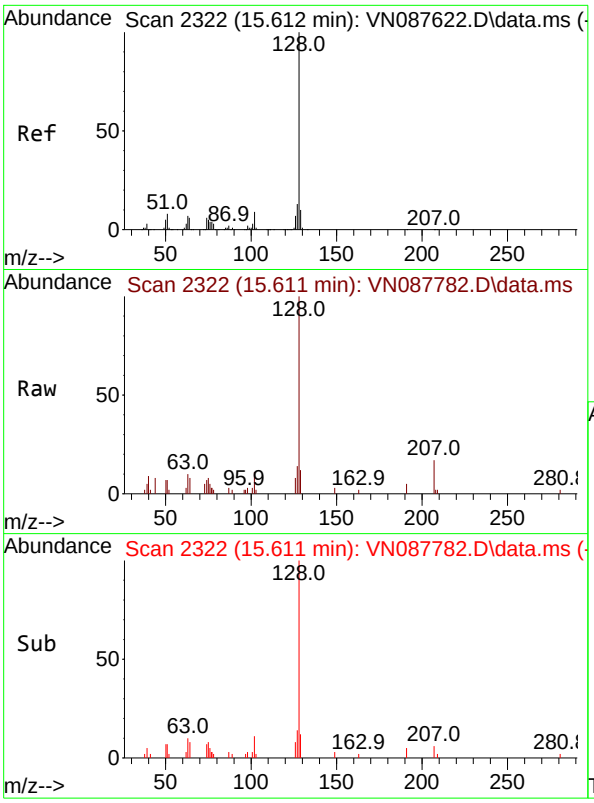


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Tgt Ion:152 Resp: 206220

Ion	Ratio	Lower	Upper
152	100		
115	61.9	32.3	96.8
150	157.2	0.0	351.0



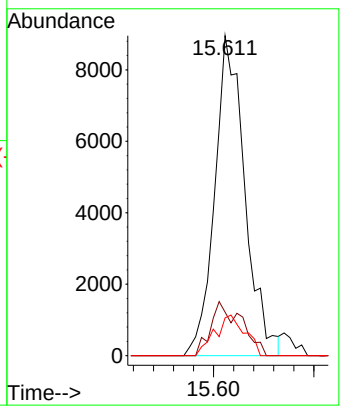


#95
Naphthalene
Concen: 1.198 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087782.D
Acq: 10 Sep 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:128 Resp: 18706

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	15.8#
129	12.7	8.6	12.8



Sample Results: **VN087782.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.383	67	73	84	rVB	67977	117052	7.46%	1.315%
2	2.983	169	175	183	rBV2	25594	55171	3.51%	0.620%
3	4.424	410	420	429	rBV2	25812	76083	4.85%	0.854%
4	4.577	438	446	457	rVB2	11021	32540	2.07%	0.365%
5	7.953	1012	1020	1030	rVB2	21198	51995	3.31%	0.584%
6	8.147	1044	1053	1058	rBV2	227605	558173	35.56%	6.269%
7	8.206	1058	1063	1074	rVB2	299647	660529	42.08%	7.418%
8	8.559	1113	1123	1134	rBV	255118	610124	38.87%	6.852%
9	9.082	1203	1212	1223	rBV	549472	1118036	71.22%	12.557%
10	10.547	1450	1461	1468	rBV	861017	1569828	100.00%	17.631%
11	10.612	1468	1472	1478	rVB	24161	42762	2.72%	0.480%
12	11.841	1672	1681	1693	rBV	772412	1416933	90.26%	15.914%
13	11.941	1693	1698	1704	rVV2	23311	46928	2.99%	0.527%
14	12.047	1708	1716	1723	rVB4	19154	43171	2.75%	0.485%
15	12.376	1766	1772	1781	rBV4	24950	47870	3.05%	0.538%
16	12.829	1839	1849	1861	rBV	582221	1050009	66.89%	11.793%
17	13.770	2001	2009	2023	rBV	756859	1364026	86.89%	15.319%
18	15.611	2317	2322	2330	rBV2	19947	42677	2.72%	0.479%

Sum of corrected areas: 8903907

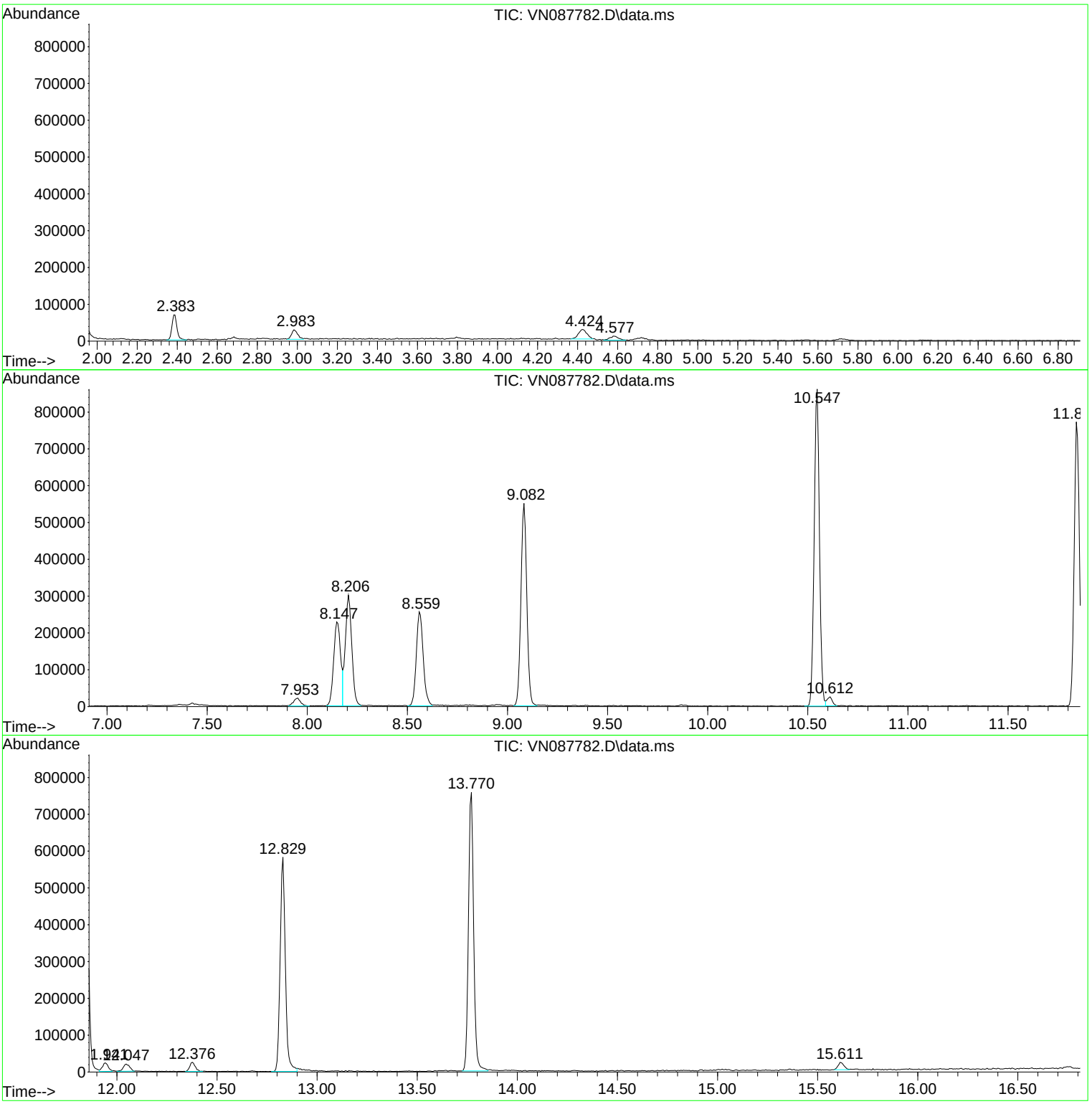
Sample Results: **VN087782.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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\VN091025\
Data File : VN087782.D
Acq On : 10 Sep 2025 15:47
Operator : JC\MD
Sample : Q3058-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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

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: GENV01

Lab Code: ACE SDG No.: Q3058

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Dibromomethane	0.351	0.294	0.327	0.318	0.310	0.312	0.319	6.1
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5

* 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.

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: GENV01

Lab Code: ACE SDG No.: Q3058

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	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.

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 2025
Response Via : Initial Calibration

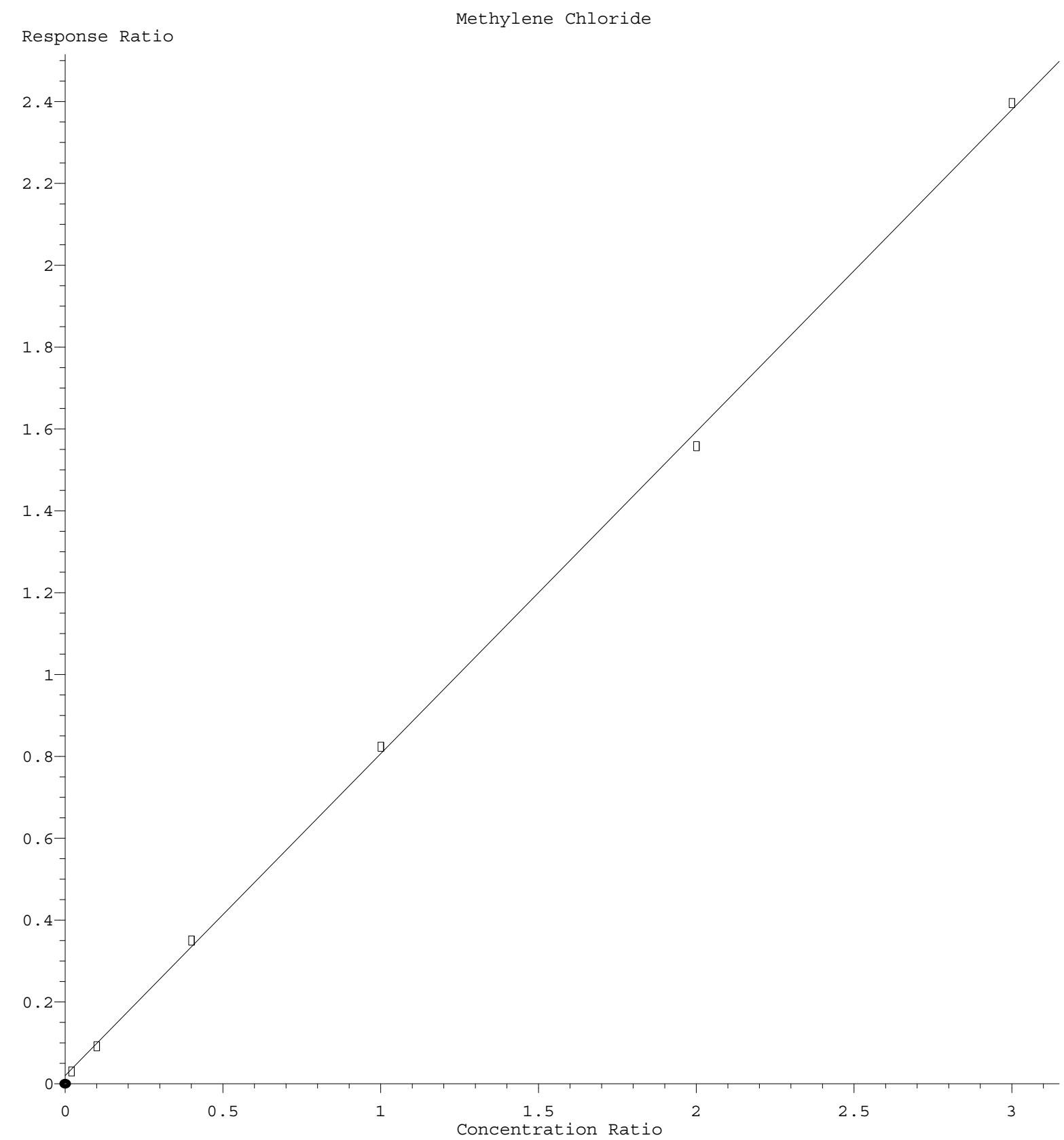
Calibration Files
1 =VN087619.D 5 =VN087620.D 20 =VN087621.D 50 =VN087622.D 100 =VN087623.D 150 =VN087624.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.74
3)	P	Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.27
4)	C	Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.29#
5)	T	Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.17
6)	T	Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.88
7)	T	Trichlorofluor...	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.91
8)	T	Diethyl Ether	0.637	0.501	0.544	0.529	0.510	0.519	0.540	9.22
9)	T	1,1,2-Trichlor...	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.62
10)	T	Methyl Iodide		0.265	0.355	0.481	0.562	0.586	0.450	30.46
11)	T	Tert butyl alc...		0.170	0.187	0.184	0.174	0.174	0.178	4.02
12)	CM	1,1-Dichloroet...	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.28#
13)	T	Acrolein		0.251	0.198	0.215	0.196	0.233	0.219	10.78
14)	T	Allyl chloride	1.577	1.184	1.254	1.240	1.208	1.376	1.306	11.34
15)	T	Acrylonitrile	0.555	0.466	0.510	0.498	0.487	0.493	0.502	6.00
16)	T	Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.34
17)	T	Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.51
18)	T	Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.33
19)	T	Methyl tert-bu...	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.37
20)	T	Methylene Chlo...	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.76
21)	T	trans-1,2-Dich...	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.83
22)	T	Diisopropyl ether	2.977	2.591	2.903	2.870	2.766	2.807	2.819	4.74
23)	T	Vinyl Acetate	2.629	2.379	2.484	2.692	2.576	2.629	2.565	4.46
24)	P	1,1-Dichloroet...	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.28
25)	T	2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.31
26)	T	2,2-Dichloropr...	1.500	1.243	1.326	1.317	1.277	1.296	1.327	6.78
27)	T	cis-1,2-Dichlo...	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.67
28)	T	Bromochloromet...	0.800	0.781	0.722	0.701	0.748	0.731	0.747	4.95
29)	T	Tetrahydrofuran	0.520	0.432	0.479	0.474	0.461	0.468	0.472	6.01
30)	C	Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4.03#
31)	T	Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.38
32)	T	1,1,1-Trichlor...	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.75
33)	S	1,2-Dichloroet...		1.025	1.016	0.959	1.035	1.089	1.024	4.53
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.369	0.344	0.334	0.373	0.386	0.361	5.97
36)	T	1,1-Dichloropr...	0.700	0.508	0.550	0.528	0.522	0.514	0.554	13.21
37)	T	Ethyl Acetate	0.877	0.700	0.761	0.742	0.731	0.731	0.757	8.20
38)	T	Carbon Tetrach...	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.12
39)	T	Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.33
40)	TM	Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.88
41)	T	Methacrylonitrile	0.466	0.346	0.388	0.389	0.384	0.379	0.392	10.06
42)	TM	1,2-Dichloroet...	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.48
43)	T	Isopropyl Acetate	1.236	1.076	1.215	1.198	1.187	1.178	1.182	4.71
44)	TM	Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.46
45)	C	1,2-Dichloropr...	0.544	0.435	0.447	0.433	0.415	0.412	0.448	10.96#
46)	T	Dibromomethane	0.351	0.294	0.327	0.318	0.310	0.312	0.319	6.06
47)	T	Bromodichlorom...	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3.01
48)	T	Methyl methacr...	0.598	0.493	0.572	0.558	0.565	0.567	0.559	6.26
49)	T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.007	11.46
50)	S	Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.68
51)	T	4-Methyl-2-Pen...	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.55
52)	CM	Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5.03#
53)	T	t-1,3-Dichloro...	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.08
54)	T	cis-1,3-Dichlo...	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.32
55)	T	1,1,2-Trichlor...	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.69
56)	T	Ethyl methacry...	0.532	0.546	0.681	0.705	0.715	0.727	0.651	13.55

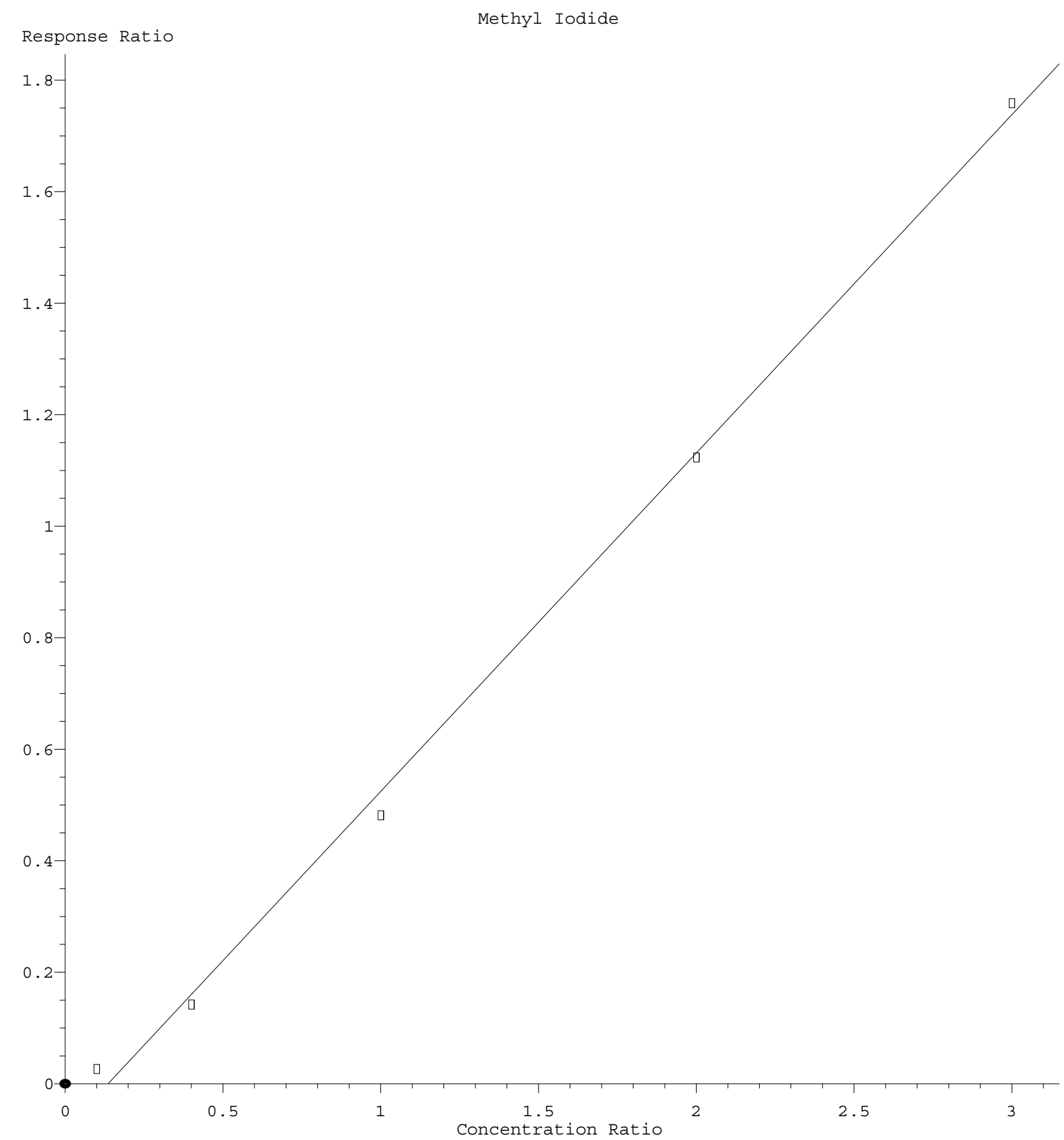
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N082125W.M

57)	T	1,3-Dichloropr...	0.781	0.656	0.743	0.731	0.708	0.706	0.721	5.80
58)	T	2-Chloroethyl ...	0.360	0.333	0.305	0.354	0.374	0.388	0.352	8.40
59)	T	2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.77
60)	T	Dibromochlorom...	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.85
61)	T	1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.44
62)	S	4-Bromofluorob...		0.446	0.454	0.450	0.514	0.540	0.481	8.99
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.89
65)	PM	Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.85
66)	T	1,1,1,2-Tetrac...	0.391	0.404	0.427	0.421	0.416	0.418	0.413	3.14
67)	C	Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4.03#
68)	T	m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.33
69)	T	o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.35
70)	T	Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	10.99
71)	P	Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.27
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.29
74)	T	N-amyl acetate	1.569	1.538	1.265	1.555	1.527	1.733	1.531	9.86
75)	P	1,1,2,2-Tetrac...	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.12
76)	T	1,2,3-Trichlor...	1.274	1.171	1.188	1.073	1.074	1.256	1.173	7.36
77)	T	Bromobenzene	1.019	0.901	0.988	0.941	0.929	0.938	0.953	4.51
78)	T	n-propylbenzene	5.137	4.545	5.125	5.024	4.965	5.064	4.977	4.44
79)	T	2-Chlorotoluene	2.911	2.953	3.116	2.976	2.975	3.037	2.995	2.41
80)	T	1,3,5-Trimethy...	3.586	3.159	3.498	3.471	3.398	3.452	3.428	4.24
81)	T	trans-1,4-Dich...		0.332	0.416	0.451	0.493	0.523	0.443	16.70
82)	T	4-Chlorotoluene	3.352	3.001	3.225	3.153	3.069	3.093	3.149	3.98
83)	T	tert-Butylbenzene	2.913	2.674	2.899	2.911	2.857	2.884	2.856	3.22
84)	T	1,2,4-Trimethy...	3.502	3.091	3.551	3.496	3.471	3.476	3.431	4.93
85)	T	sec-Butylbenzene	4.464	4.019	4.367	4.225	4.163	4.194	4.239	3.71
86)	T	p-Isopropyltol...	3.656	3.249	3.550	3.530	3.502	3.512	3.500	3.85
87)	T	1,3-Dichlorobe...	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.29
88)	T	1,4-Dichlorobe...	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.22
89)	T	n-Butylbenzene	3.764	3.208	3.589	3.461	3.398	3.435	3.476	5.40
90)	T	Hexachloroethane	0.742	0.606	0.680	0.655	0.649	0.669	0.667	6.69
91)	T	1,2-Dichlorobe...	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.66
92)	T	1,2-Dibromo-3-...	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.21
93)	T	1,2,4-Trichlor...	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.43
94)	T	Hexachlorobuta...	0.469	0.371	0.385	0.355	0.346	0.361	0.381	11.80
95)	T	Naphthalene	3.989	3.240	3.724	3.754	3.917	4.089	3.786	7.95
96)	T	1,2,3-Trichlor...	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.68

(#) = Out of Range



Response = 7.866e-001 * Amt + 2.003e-002
Coef of Det (r^2) = 0.999518 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N082125W.M
Calibration Table Last Updated: Fri Aug 22 02:55:42 2025



Response = 6.069e-001 * Amt - 8.267e-002
Coef of Det (r^2) = 0.997633 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N082125W.M
Calibration Table Last Updated: Fri Aug 22 02:55:42 2025

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	214194	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	425894	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	384310	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	174637	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	3030	0.996	ug/l		75
3) Chloromethane	2.389	50	3165	1.012	ug/l	#	87
4) Vinyl Chloride	2.542	62	3896	1.075	ug/l		98
6) Chloroethane	3.142	64	3113	1.222	ug/l		89
7) Trichlorofluoromethane	3.518	101	5667	1.067	ug/l		88
8) Diethyl Ether	3.977	74	2728m	1.179	ug/l		
9) 1,1,2-Trichlorotrifluo...	4.371	101	3764	1.253	ug/l	#	68
12) 1,1-Dichloroethene	4.353	96	3823	1.238	ug/l	#	55
14) Allyl chloride	5.024	41	6754	1.207	ug/l	#	70
15) Acrylonitrile	5.706	53	11893	5.535	ug/l	#	90
16) Acetone	4.424	43	13568	5.679	ug/l	#	75
17) Carbon Disulfide	4.700	76	9734	1.145	ug/l	#	90
18) Methyl Acetate	5.012	43	6213m	1.242	ug/l		
19) Methyl tert-butyl Ether	5.794	73	12249	1.057	ug/l		91
20) Methylene Chloride	5.277	84	6402	0.627	ug/l	#	57
21) trans-1,2-Dichloroethene	5.777	96	4079	1.219	ug/l		93
22) Diisopropyl ether	6.665	45	12751	1.056	ug/l	#	76
23) Vinyl Acetate	6.588	43	56320	5.126	ug/l	#	90
24) 1,1-Dichloroethane	6.541	63	7704	1.163	ug/l	#	94
25) 2-Butanone	7.471	43	16779	5.338	ug/l		95
26) 2,2-Dichloropropane	7.477	77	6425	1.131	ug/l		77
27) cis-1,2-Dichloroethene	7.477	96	4272	1.068	ug/l		94
28) Bromochloromethane	7.794	49	3426	1.070	ug/l	#	91
29) Tetrahydrofuran	7.830	42	11129	5.502	ug/l		98
30) Chloroform	7.953	83	7183	1.063	ug/l		97
32) 1,1,1-Trichloroethane	8.159	97	6468	1.129	ug/l	#	52
36) 1,1-Dichloropropene	8.353	75	5965	1.264	ug/l		90
37) Ethyl Acetate	7.547	43	7468m	1.159	ug/l		
38) Carbon Tetrachloride	8.347	117	4866	1.045	ug/l		90
39) Methylcyclohexane	9.582	83	5843	1.125	ug/l	#	87
40) Benzene	8.588	78	15783	1.091	ug/l		100
41) Methacrylonitrile	7.771	41	3967	1.188	ug/l	#	71
42) 1,2-Dichloroethane	8.659	62	6078	1.093	ug/l		95
43) Isopropyl Acetate	8.677	43	10524	1.046	ug/l	#	64
44) Trichloroethene	9.329	130	3709	1.123	ug/l		96
45) 1,2-Dichloropropane	9.594	63	4636	1.216	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.694	93	2989	1.101	ug/l		96
47) Bromodichloromethane	9.871	83	5845	1.051	ug/l	#	90
48) Methyl methacrylate	9.671	41	5091	1.069	ug/l		94
49) 1,4-Dioxane	9.700	88	1008	16.337	ug/l	#	13
51) 4-Methyl-2-Pentanone	10.423	43	29834	4.913	ug/l		99
52) Toluene	10.606	92	9776	1.090	ug/l		92
53) t-1,3-Dichloropropene	10.818	75	5278	0.917	ug/l	#	80
54) cis-1,3-Dichloropropene	10.300	75	6105	1.021	ug/l	#	80
55) 1,1,2-Trichloroethane	10.994	97	3739	1.078	ug/l	#	87
56) Ethyl methacrylate	10.865	69	4529	0.817	ug/l	#	89
57) 1,3-Dichloropropane	11.141	76	6652	1.083	ug/l		90
58) 2-Chloroethyl Vinyl ether	10.141	63	15333	5.109	ug/l		100
59) 2-Hexanone	11.200	43	12564	3.274	ug/l		94
60) Dibromochloromethane	11.347	129	4554	1.133	ug/l		93
61) 1,2-Dibromoethane	11.447	107	3511	0.960	ug/l		93
64) Tetrachloroethene	11.076	164	3433	1.288	ug/l	#	84
65) Chlorobenzene	11.876	112	10823	1.132	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	3009	0.948	ug/l	#	64
67) Ethyl Benzene	11.941	91	17159	1.037	ug/l		92
68) m/p-Xylenes	12.047	106	11663	1.921	ug/l		90
69) o-Xylene	12.376	106	5970	1.003	ug/l		100
70) Styrene	12.394	104	8781	0.881	ug/l		97
71) Bromoform	12.559	173	2328	0.956	ug/l	#	84
73) Isopropylbenzene	12.676	105	15118	1.071	ug/l		92
74) N-amyl acetate	13.012	43	5481m	1.010	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	5198	1.070	ug/l		95
76) 1,2,3-Trichloropropane	12.970	75	4451m	1.084	ug/l		
77) Bromobenzene	12.970	156	3560	1.070	ug/l		96
78) n-propylbenzene	13.017	91	17943	1.032	ug/l		98
79) 2-Chlorotoluene	13.112	91	10167	0.972	ug/l		85
80) 1,3,5-Trimethylbenzene	13.147	105	12525	1.046	ug/l		92
82) 4-Chlorotoluene	13.200	91	11708	1.065	ug/l		96
83) tert-Butylbenzene	13.417	119	10175	1.020	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	12231	1.021	ug/l		99
85) sec-Butylbenzene	13.588	105	15591	1.053	ug/l		95
86) p-Isopropyltoluene	13.706	119	12768	1.044	ug/l		98
87) 1,3-Dichlorobenzene	13.717	146	7290	1.113	ug/l		89
88) 1,4-Dichlorobenzene	13.782	146	8201m	1.203	ug/l		
89) n-Butylbenzene	14.029	91	13148	1.083	ug/l		96
90) Hexachloroethane	14.311	117	2591	1.113	ug/l		100
91) 1,2-Dichlorobenzene	14.094	146	6783	1.091	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1293	1.120	ug/l		83
93) 1,2,4-Trichlorobenzene	15.376	180	4163	1.115	ug/l		88
94) Hexachlorobutadiene	15.470	225	1637	1.230	ug/l		97
95) Naphthalene	15.617	128	13934	1.054	ug/l		98
96) 1,2,3-Trichlorobenzene	15.811	180	3983	1.091	ug/l		89

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

ICAL Form

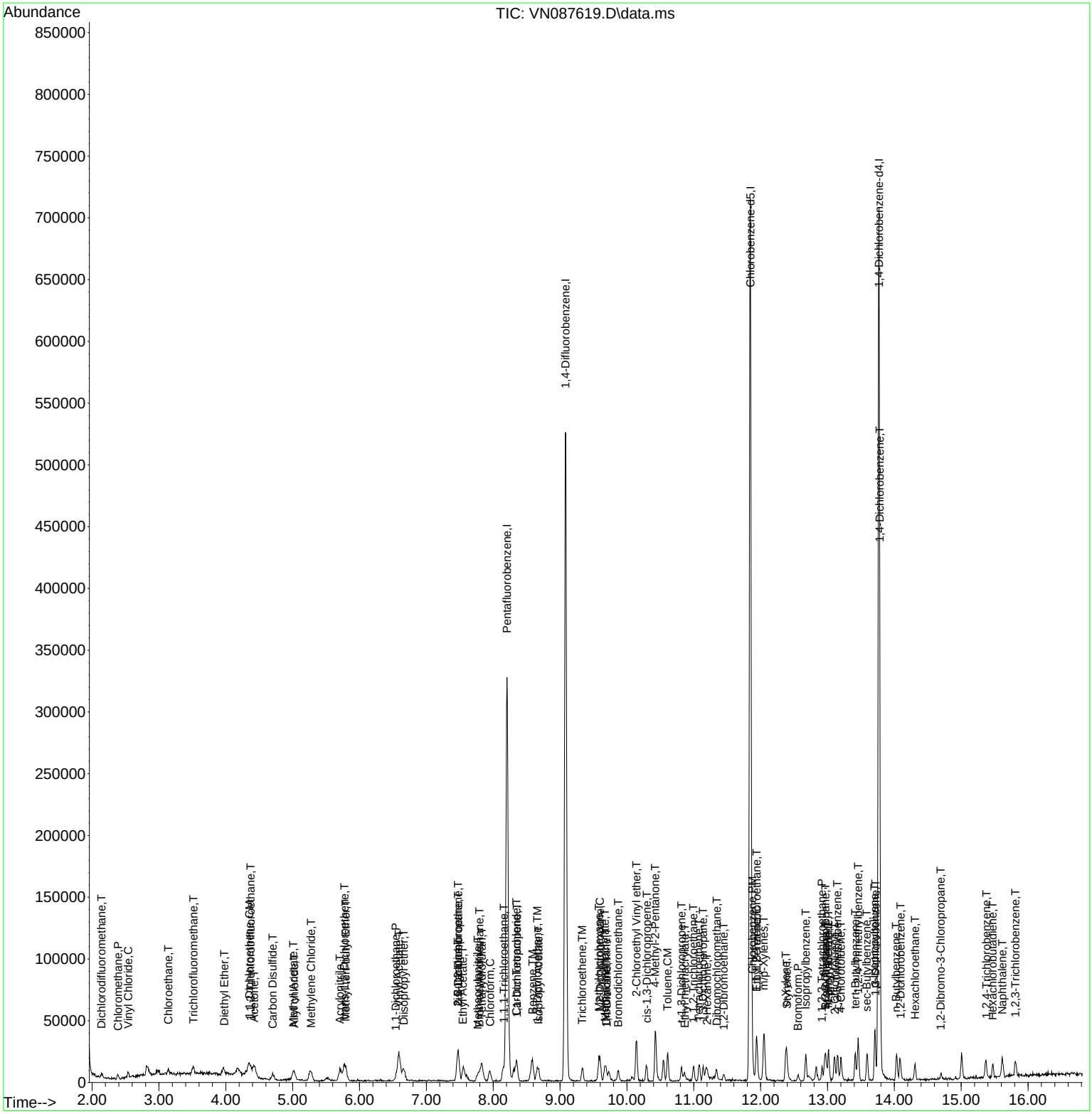
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	230389	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	446380	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.841	117	411161	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194457	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	23607	5.001	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.000%#			
35) Dibromofluoromethane	8.141	113	16452	5.105	ug/l		-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#			
50) Toluene-d8	10.547	98	61777	5.121	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%#			
62) 4-Bromofluorobenzene	12.829	95	19896	4.638	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.280%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	13341	4.077	ug/l		91
3) Chloromethane	2.383	50	14670	4.363	ug/l	#	87
4) Vinyl Chloride	2.542	62	17021	4.366	ug/l		96
5) Bromomethane	2.971	94	8950	4.449	ug/l	#	67
6) Chloroethane	3.130	64	12160	4.437	ug/l		99
7) Trichlorofluoromethane	3.512	101	26231	4.592	ug/l	#	69
8) Diethyl Ether	3.959	74	11532	4.635	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.371	101	14929	4.619	ug/l	#	85
10) Methyl Iodide	4.583	142	6109	8.995	ug/l		90
11) Tert butyl alcohol	5.530	59	19630	23.954	ug/l	#	71
12) 1,1-Dichloroethene	4.336	96	14950	4.501	ug/l		89
13) Acrolein	4.183	56	28918	28.704	ug/l		96
14) Allyl chloride	5.012	41	27277	4.532	ug/l		94
15) Acrylonitrile	5.706	53	53640	23.209	ug/l		99
16) Acetone	4.418	43	73025	28.418	ug/l		97
17) Carbon Disulfide	4.694	76	40223	4.399	ug/l	#	94
18) Methyl Acetate	5.012	43	24038	4.468	ug/l	#	61
19) Methyl tert-butyl Ether	5.783	73	57783	4.637	ug/l		98
20) Methylene Chloride	5.253	84	21101	4.549	ug/l	#	80
21) trans-1,2-Dichloroethene	5.777	96	16922	4.701	ug/l		96
22) Diisopropyl ether	6.653	45	59705	4.596	ug/l		99
23) Vinyl Acetate	6.588	43	274045	23.189	ug/l		98
24) 1,1-Dichloroethane	6.565	63	34563	4.853	ug/l		98
25) 2-Butanone	7.477	43	83189	24.607	ug/l		93
26) 2,2-Dichloropropane	7.482	77	28641	4.685	ug/l		97
27) cis-1,2-Dichloroethene	7.465	96	21105	4.904	ug/l		95
28) Bromochloromethane	7.788	49	17986	5.224	ug/l	#	98
29) Tetrahydrofuran	7.830	42	49801	22.890	ug/l		97
30) Chloroform	7.953	83	35366	4.865	ug/l		89
31) Cyclohexane	8.241	56	34337	5.783	ug/l	#	96
32) 1,1,1-Trichloroethane	8.147	97	29878	4.850	ug/l		90
36) 1,1-Dichloropropene	8.353	75	22697	4.591	ug/l		96
37) Ethyl Acetate	7.547	43	31230m	4.622	ug/l		
38) Carbon Tetrachloride	8.341	117	22716	4.653	ug/l	#	84
39) Methylcyclohexane	9.576	83	25902	4.758	ug/l		91
40) Benzene	8.582	78	73071	4.818	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	15464	4.419	ug/l	#	95
42) 1,2-Dichloroethane	8.653	62	27989	4.803	ug/l		95
43) Isopropyl Acetate	8.671	43	48032	4.554	ug/l		99
44) Trichloroethene	9.329	130	17267	4.987	ug/l		91
45) 1,2-Dichloropropane	9.606	63	19397	4.853	ug/l		95
46) Dibromomethane	9.694	93	13115	4.611	ug/l		91
47) Bromodichloromethane	9.865	83	28992	4.973	ug/l		99
48) Methyl methacrylate	9.659	41	22006	4.411	ug/l		94
49) 1,4-Dioxane	9.682	88	6079	94.002	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.423	43	150608	23.665	ug/l		97
52) Toluene	10.606	92	44071	4.688	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	28043	4.647	ug/l		92
54) cis-1,3-Dichloropropene	10.288	75	28580	4.561	ug/l		95
55) 1,1,2-Trichloroethane	10.994	97	17105	4.703	ug/l		96
56) Ethyl methacrylate	10.853	69	24379	4.194	ug/l	#	92
57) 1,3-Dichloropropane	11.141	76	29300	4.552	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.141	63	74236	23.598	ug/l		100
59) 2-Hexanone	11.182	43	87097	21.654	ug/l		98
60) Dibromochloromethane	11.335	129	19653	4.664	ug/l		100
61) 1,2-Dibromoethane	11.447	107	19347	5.045	ug/l		93
64) Tetrachloroethene	11.082	164	14530	5.094	ug/l	#	82
65) Chlorobenzene	11.870	112	47879	4.681	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.935	131	16599	4.888	ug/l		88
67) Ethyl Benzene	11.941	91	81935	4.626	ug/l		98
68) m/p-Xylenes	12.053	106	60444	9.306	ug/l		96
69) o-Xylene	12.376	106	29064	4.566	ug/l		98
70) Styrene	12.388	104	44658	4.188	ug/l		93
71) Bromoform	12.559	173	11710	4.496	ug/l	#	92
73) Isopropylbenzene	12.670	105	71448	4.547	ug/l		98
74) N-amyl acetate	12.670	43	29903m	4.946	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	26850	4.963	ug/l		95
76) 1,2,3-Trichloropropane	12.976	75	22762m	4.980	ug/l		
77) Bromobenzene	12.959	156	17527	4.731	ug/l		97
78) n-propylbenzene	13.012	91	88388	4.567	ug/l		99
79) 2-Chlorotoluene	13.100	91	57432	4.931	ug/l		94
80) 1,3,5-Trimethylbenzene	13.153	105	61434	4.609	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	6458	3.749	ug/l		87
82) 4-Chlorotoluene	13.200	91	58355	4.765	ug/l		96
83) tert-Butylbenzene	13.417	119	51989	4.680	ug/l		98
84) 1,2,4-Trimethylbenzene	13.464	105	60099	4.504	ug/l		98
85) sec-Butylbenzene	13.594	105	78154	4.741	ug/l		98
86) p-Isopropyltoluene	13.706	119	63187	4.642	ug/l		98
87) 1,3-Dichlorobenzene	13.711	146	34424	4.718	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	36629	4.824	ug/l		95
89) n-Butylbenzene	14.035	91	62374	4.614	ug/l		99
90) Hexachloroethane	14.306	117	11787	4.545	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	32320	4.669	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6280	4.887	ug/l		86
93) 1,2,4-Trichlorobenzene	15.364	180	19345	4.654	ug/l		97
94) Hexachlorobutadiene	15.470	225	7207	4.864	ug/l		96
95) Naphthalene	15.611	128	63009	4.280	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	18896	4.650	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

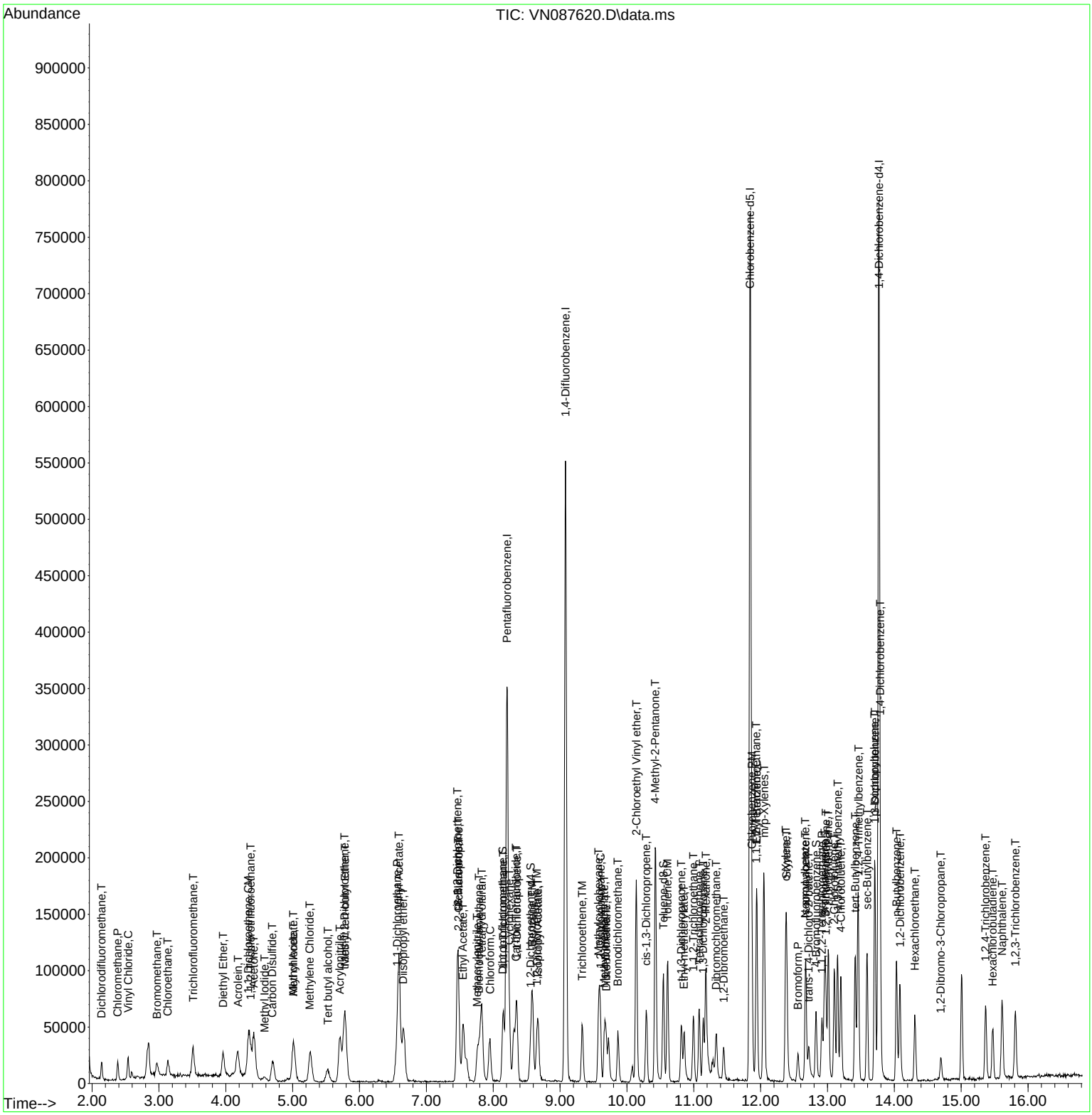
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	225514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	446006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	409187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	91607	19.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.660%#		
35) Dibromofluoromethane	8.153	113	61315	19.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.080%#		
50) Toluene-d8	10.547	98	225931	18.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.500%#		
62) 4-Bromofluorobenzene	12.829	95	80936	18.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	37.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	54651	17.063	ug/l	96
3) Chloromethane	2.383	50	64072	19.466	ug/l	95
4) Vinyl Chloride	2.536	62	75059	19.667	ug/l	99
5) Bromomethane	2.971	94	35415	17.984	ug/l	90
6) Chloroethane	3.136	64	54039	20.146	ug/l	98
7) Trichlorofluoromethane	3.506	101	112067	20.042	ug/l	92
8) Diethyl Ether	3.954	74	49068	20.150	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	61080	19.305	ug/l	96
10) Methyl Iodide	4.583	142	32047	18.518	ug/l #	97
11) Tert butyl alcohol	5.524	59	84156	104.914	ug/l	98
12) 1,1-Dichloroethene	4.336	96	65870	20.259	ug/l	93
13) Acrolein	4.171	56	89266	90.522	ug/l	99
14) Allyl chloride	5.012	41	113139	19.202	ug/l	96
15) Acrylonitrile	5.706	53	230008	101.673	ug/l	99
16) Acetone	4.418	43	263348	104.700	ug/l	97
17) Carbon Disulfide	4.701	76	177734	19.857	ug/l	100
18) Methyl Acetate	5.012	43	98949	18.789	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	247157	20.264	ug/l	99
20) Methylene Chloride	5.265	84	78920	20.972	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	69321	19.672	ug/l	95
22) Diisopropyl ether	6.653	45	261888	20.597	ug/l	97
23) Vinyl Acetate	6.589	43	1120284	96.845	ug/l	99
24) 1,1-Dichloroethane	6.553	63	139765	20.048	ug/l	99
25) 2-Butanone	7.465	43	341538	103.210	ug/l	99
26) 2,2-Dichloropropane	7.477	77	119616	19.991	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	84502	20.059	ug/l	97
28) Bromochloromethane	7.800	49	65173	19.338	ug/l	97
29) Tetrahydrofuran	7.830	42	215847	101.354	ug/l	98
30) Chloroform	7.947	83	146915	20.647	ug/l	99
31) Cyclohexane	8.241	56	118194	20.337	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	122634	20.336	ug/l	99
36) 1,1-Dichloropropene	8.353	75	98127	19.863	ug/l	98
37) Ethyl Acetate	7.547	43	135691	20.101	ug/l	97
38) Carbon Tetrachloride	8.341	117	101311	20.771	ug/l	92
39) Methylcyclohexane	9.577	83	108801	20.005	ug/l	97
40) Benzene	8.588	78	308160	20.338	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	69274	19.811	ug/l		98
42) 1,2-Dichloroethane	8.653	62	120495	20.694	ug/l		98
43) Isopropyl Acetate	8.671	43	216674	20.559	ug/l		99
44) Trichloroethene	9.336	130	69650	20.134	ug/l		92
45) 1,2-Dichloropropane	9.600	63	79779	19.975	ug/l		99
46) Dibromomethane	9.688	93	58410	20.551	ug/l		99
47) Bromodichloromethane	9.871	83	118959	20.423	ug/l		90
48) Methyl methacrylate	9.665	41	101988	20.458	ug/l		99
49) 1,4-Dioxane	9.688	88	29266	452.929	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	663566	104.353	ug/l		100
52) Toluene	10.612	92	189511	20.175	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	123317	20.453	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	127086	20.300	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	74360	20.463	ug/l		96
56) Ethyl methacrylate	10.859	69	121534	20.928	ug/l		97
57) 1,3-Dichloropropane	11.141	76	132575	20.615	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	272481	86.689	ug/l		100
59) 2-Hexanone	11.177	43	439624	109.392	ug/l		99
60) Dibromochloromethane	11.335	129	81730	19.411	ug/l		99
61) 1,2-Dibromoethane	11.447	107	79247	20.682	ug/l		97
64) Tetrachloroethene	11.082	164	55688	19.616	ug/l		97
65) Chlorobenzene	11.871	112	205088	20.146	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.935	131	69837	20.664	ug/l		99
67) Ethyl Benzene	11.941	91	364023	20.653	ug/l		98
68) m/p-Xylenes	12.053	106	265461	41.067	ug/l		99
69) o-Xylene	12.377	106	129958	20.515	ug/l		99
70) Styrene	12.388	104	227729	21.458	ug/l		100
71) Bromoform	12.559	173	52443	20.233	ug/l	#	98
73) Isopropylbenzene	12.676	105	335219	20.276	ug/l		99
74) N-amyl acetate	12.547	43	103508m	16.273	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	116302	20.433	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	97260m	20.223	ug/l		
77) Bromobenzene	12.959	156	80835	20.737	ug/l		98
78) n-propylbenzene	13.012	91	419422	20.596	ug/l		99
79) 2-Chlorotoluene	13.106	91	255043	20.812	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	286272	20.412	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	34072	18.801	ug/l		88
82) 4-Chlorotoluene	13.200	91	263916	20.483	ug/l		99
83) tert-Butylbenzene	13.418	119	237268	20.302	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	290636	20.701	ug/l		99
85) sec-Butylbenzene	13.594	105	357394	20.607	ug/l		99
86) p-Isopropyltoluene	13.706	119	290561	20.288	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	158749	20.680	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	160067	20.037	ug/l		98
89) n-Butylbenzene	14.035	91	293738	20.652	ug/l		99
90) Hexachloroethane	14.312	117	55637	20.391	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	151644	20.823	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	26895	19.891	ug/l		96
93) 1,2,4-Trichlorobenzene	15.365	180	88494	20.236	ug/l		97
94) Hexachlorobutadiene	15.476	225	31498	20.203	ug/l		97
95) Naphthalene	15.612	128	304789	19.677	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	86694	20.278	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

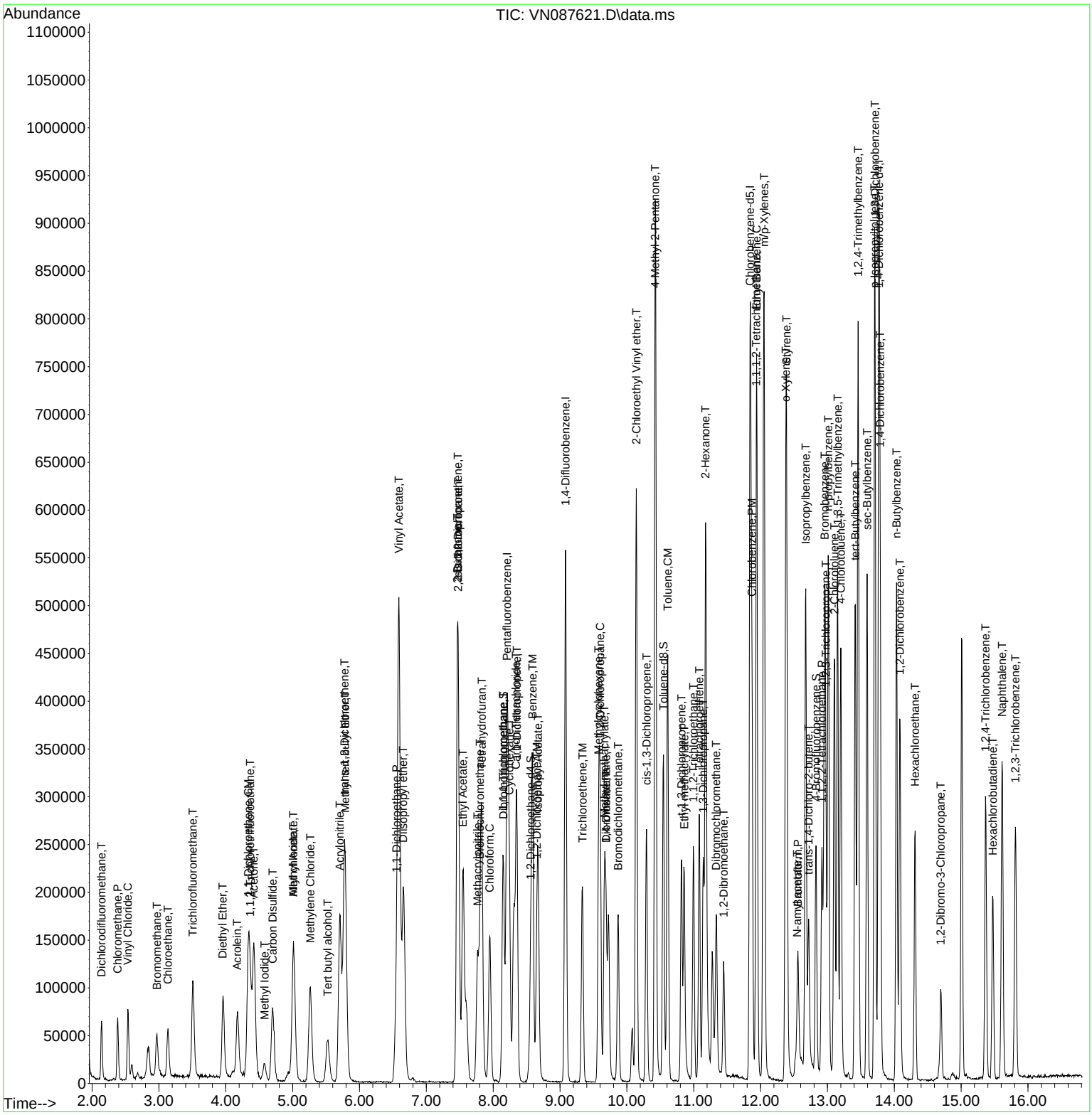
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	234546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	468145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	438262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	220862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	224856	46.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.580%			
35) Dibromofluoromethane	8.153	113	156332	46.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.500%			
50) Toluene-d8	10.547	98	572648	45.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.540%			
62) 4-Bromofluorobenzene	12.823	95	210592	46.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	189901	57.007	ug/l	100
3) Chloromethane	2.383	50	186373	54.441	ug/l	100
4) Vinyl Chloride	2.542	62	211909	53.387	ug/l	100
5) Bromomethane	2.971	94	105105	51.318	ug/l	100
6) Chloroethane	3.136	64	141335	50.661	ug/l	100
7) Trichlorofluoromethane	3.512	101	298853	51.389	ug/l	100
8) Diethyl Ether	3.953	74	124074	48.989	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	162971	49.526	ug/l	100
10) Methyl Iodide	4.577	142	112901	46.467	ug/l	100
11) Tert butyl alcohol	5.518	59	216189	259.137	ug/l	100
12) 1,1-Dichloroethene	4.336	96	164165	48.547	ug/l	100
13) Acrolein	4.171	56	251949	245.655	ug/l	100
14) Allyl chloride	5.006	41	290757	47.448	ug/l	100
15) Acrylonitrile	5.706	53	584519	248.432	ug/l	100
16) Acetone	4.424	43	612147	234.001	ug/l	100
17) Carbon Disulfide	4.700	76	469891	50.475	ug/l	100
18) Methyl Acetate	5.012	43	271363	49.542	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	641051	50.534	ug/l	100
20) Methylene Chloride	5.265	84	193144	51.071	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	175989	48.020	ug/l	100
22) Diisopropyl ether	6.659	45	673069	50.897	ug/l	100
23) Vinyl Acetate	6.589	43	3156445	262.358	ug/l	100
24) 1,1-Dichloroethane	6.547	63	352088	48.560	ug/l	100
25) 2-Butanone	7.465	43	858584	249.467	ug/l	100
26) 2,2-Dichloropropane	7.477	77	308944	49.645	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	220668	50.366	ug/l	100
28) Bromochloromethane	7.800	49	164506	46.931	ug/l	100
29) Tetrahydrofuran	7.824	42	555506	250.802	ug/l	100
30) Chloroform	7.947	83	370301	50.036	ug/l	100
31) Cyclohexane	8.236	56	289400	47.878	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	305533	48.715	ug/l	100
36) 1,1-Dichloropropene	8.353	75	247135	47.660	ug/l	100
37) Ethyl Acetate	7.547	43	347439	49.034	ug/l	100
38) Carbon Tetrachloride	8.341	117	253643	49.543	ug/l	100
39) Methylcyclohexane	9.583	83	276006	48.348	ug/l	100
40) Benzene	8.588	78	788238	49.562	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	182028	49.594	ug/l		100
42) 1,2-Dichloroethane	8.653	62	304323	49.794	ug/l		100
43) Isopropyl Acetate	8.671	43	560899	50.703	ug/l		100
44) Trichloroethene	9.330	130	176493	48.607	ug/l		100
45) 1,2-Dichloropropane	9.600	63	202893	48.398	ug/l		100
46) Dibromomethane	9.688	93	148909	49.915	ug/l		100
47) Bromodichloromethane	9.871	83	298888	48.886	ug/l		100
48) Methyl methacrylate	9.665	41	261445	49.964	ug/l		100
49) 1,4-Dioxane	9.683	88	72780	1073.097	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.424	43	1722397	258.056	ug/l		100
52) Toluene	10.606	92	491725	49.872	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	329003	51.987	ug/l		100
54) cis-1,3-Dichloropropene	10.288	75	335961	51.127	ug/l		100
55) 1,1,2-Trichloroethane	10.994	97	190842	50.035	ug/l		100
56) Ethyl methacrylate	10.853	69	330271	54.182	ug/l		100
57) 1,3-Dichloropropane	11.141	76	342170	50.690	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	829191	251.329	ug/l		100
59) 2-Hexanone	11.177	43	1194193	283.100	ug/l		100
60) Dibromochloromethane	11.335	129	218275	49.389	ug/l		100
61) 1,2-Dibromoethane	11.447	107	202283	50.296	ug/l		100
64) Tetrachloroethene	11.082	164	137281	45.149	ug/l		100
65) Chlorobenzene	11.871	112	530421	48.648	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	184496	50.970	ug/l		100
67) Ethyl Benzene	11.941	91	939520	49.767	ug/l		100
68) m/p-Xylenes	12.047	106	711871	102.820	ug/l		100
69) o-Xylene	12.376	106	348655	51.386	ug/l		100
70) Styrene	12.388	104	605599	53.277	ug/l		100
71) Bromoform	12.559	173	140399	50.575	ug/l		100
73) Isopropylbenzene	12.671	105	889165	49.821	ug/l		100
74) N-amyl acetate	12.500	43	343435m	50.016	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	301018	48.990	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	236877m	45.626	ug/l		
77) Bromobenzene	12.959	156	207789	49.379	ug/l		100
78) n-propylbenzene	13.012	91	1109533	50.472	ug/l		100
79) 2-Chlorotoluene	13.100	91	657210	49.679	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	766722	50.642	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	99551	50.885	ug/l		100
82) 4-Chlorotoluene	13.200	91	696270	50.059	ug/l		100
83) tert-Butylbenzene	13.418	119	642869	50.955	ug/l		100
84) 1,2,4-Trimethylbenzene	13.459	105	772176	50.948	ug/l		100
85) sec-Butylbenzene	13.594	105	933105	49.838	ug/l		100
86) p-Isopropyltoluene	13.706	119	779657	50.430	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	403466	48.688	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	412346	47.815	ug/l		100
89) n-Butylbenzene	14.029	91	764482	49.789	ug/l		100
90) Hexachloroethane	14.312	117	144635	49.105	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	387612	49.303	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	70059	47.997	ug/l		100
93) 1,2,4-Trichlorobenzene	15.365	180	226580	47.995	ug/l		100
94) Hexachlorobutadiene	15.476	225	78424	46.597	ug/l		100
95) Naphthalene	15.612	128	829102	49.583	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	222211	48.148	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

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

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

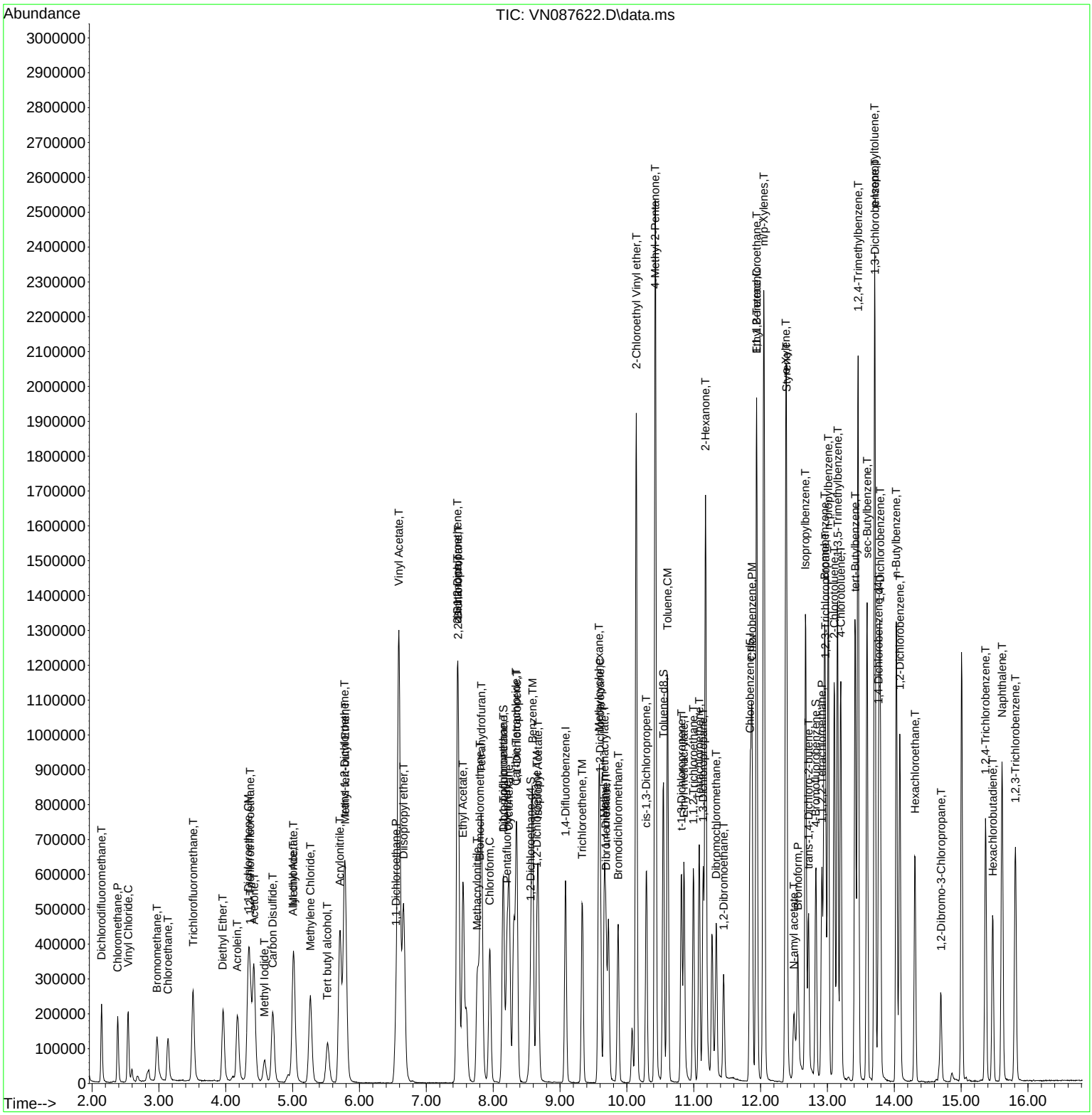
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	247255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	481199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	447994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	511669	101.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.000%#			
35) Dibromofluoromethane	8.147	113	358663	103.235	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 206.460%#			
50) Toluene-d8	10.547	98	1354664	104.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.360%#			
62) 4-Bromofluorobenzene	12.829	95	494494	106.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.860%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	384461	109.480	ug/l	97
3) Chloromethane	2.383	50	371688	102.992	ug/l	99
4) Vinyl Chloride	2.536	62	418975	100.128	ug/l	97
5) Bromomethane	2.959	94	230328	106.679	ug/l	97
6) Chloroethane	3.124	64	276071	93.871	ug/l	99
7) Trichlorofluoromethane	3.506	101	606894	98.995	ug/l	100
8) Diethyl Ether	3.959	74	252092	94.419	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	323480	93.250	ug/l	99
10) Methyl Iodide	4.577	142	277692	99.335	ug/l	96
11) Tert butyl alcohol	5.530	59	430345	489.322	ug/l	99
12) 1,1-Dichloroethene	4.330	96	329881	92.539	ug/l	95
13) Acrolein	4.171	56	484654	448.258	ug/l	100
14) Allyl chloride	5.012	41	597335	92.467	ug/l	99
15) Acrylonitrile	5.706	53	1204622	485.671	ug/l	99
16) Acetone	4.424	43	1195609	433.545	ug/l	99
17) Carbon Disulfide	4.700	76	957812	97.598	ug/l	98
18) Methyl Acetate	5.012	43	552409	95.669	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	1306892	97.726	ug/l	98
20) Methylene Chloride	5.259	84	385191	97.752	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	364392	94.317	ug/l	95
22) Diisopropyl ether	6.659	45	1368059	98.135	ug/l	98
23) Vinyl Acetate	6.588	43	6369332	502.195	ug/l	98
24) 1,1-Dichloroethane	6.553	63	719127	94.084	ug/l	98
25) 2-Butanone	7.471	43	1730205	476.881	ug/l	98
26) 2,2-Dichloropropane	7.471	77	631604	96.278	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	449130	97.241	ug/l	100
28) Bromochloromethane	7.794	49	369878	100.097	ug/l	99
29) Tetrahydrofuran	7.824	42	1140137	488.295	ug/l	100
30) Chloroform	7.947	83	751186	96.286	ug/l	97
31) Cyclohexane	8.235	56	593829	93.193	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	625473	94.602	ug/l	98
36) 1,1-Dichloropropene	8.353	75	502476	94.275	ug/l	99
37) Ethyl Acetate	7.547	43	703230	96.555	ug/l	99
38) Carbon Tetrachloride	8.341	117	528406	100.412	ug/l	93
39) Methylcyclohexane	9.582	83	574374	97.883	ug/l	98
40) Benzene	8.588	78	1577387	96.490	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	369145	97.845	ug/l		99
42) 1,2-Dichloroethane	8.653	62	600726	95.625	ug/l		99
43) Isopropyl Acetate	8.671	43	1142494	100.474	ug/l		99
44) Trichloroethene	9.329	130	353426	94.694	ug/l		99
45) 1,2-Dichloropropane	9.600	63	399209	92.644	ug/l		99
46) Dibromomethane	9.688	93	298076	97.207	ug/l		99
47) Bromodichloromethane	9.871	83	613683	97.651	ug/l		95
48) Methyl methacrylate	9.665	41	543991	101.141	ug/l		99
49) 1,4-Dioxane	9.682	88	148991	2137.188	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.423	43	3455510	503.673	ug/l		99
52) Toluene	10.612	92	998331	98.507	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	672690	103.410	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	686982	101.709	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	385129	98.234	ug/l		96
56) Ethyl methacrylate	10.853	69	688119	109.827	ug/l		99
57) 1,3-Dichloropropane	11.141	76	681646	98.241	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1799387	530.602	ug/l		99
59) 2-Hexanone	11.176	43	2445031	563.903	ug/l		100
60) Dibromochloromethane	11.335	129	447781	98.572	ug/l		100
61) 1,2-Dibromoethane	11.447	107	412721	99.836	ug/l		98
64) Tetrachloroethene	11.082	164	282055	90.747	ug/l		95
65) Chlorobenzene	11.870	112	1089532	97.756	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	373160	100.851	ug/l		99
67) Ethyl Benzene	11.941	91	1928084	99.914	ug/l		99
68) m/p-Xylenes	12.047	106	1448543	204.677	ug/l		100
69) o-Xylene	12.376	106	705872	101.775	ug/l		99
70) Styrene	12.388	104	1242271	106.913	ug/l		99
71) Bromoform	12.559	173	300919	106.042	ug/l	#	98
73) Isopropylbenzene	12.670	105	1813905	98.947	ug/l		99
74) N-amyl acetate	12.488	43	692783	98.225	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.917	83	599955	95.058	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	487205m	91.360	ug/l		
77) Bromobenzene	12.959	156	421382	97.488	ug/l		100
78) n-propylbenzene	13.011	91	2252725	99.764	ug/l		100
79) 2-Chlorotoluene	13.100	91	1350026	99.349	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	1541753	99.138	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	223478	111.207	ug/l		85
82) 4-Chlorotoluene	13.200	91	1392464	97.464	ug/l		98
83) tert-Butylbenzene	13.417	119	1296218	100.022	ug/l		100
84) 1,2,4-Trimethylbenzene	13.459	105	1574771	101.155	ug/l		100
85) sec-Butylbenzene	13.594	105	1888785	98.213	ug/l		100
86) p-Isopropyltoluene	13.706	119	1589055	100.064	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	819384	96.262	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	824944	93.128	ug/l		99
89) n-Butylbenzene	14.029	91	1541853	97.761	ug/l		99
90) Hexachloroethane	14.306	117	294494	97.338	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	781928	96.828	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	142185	94.833	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	471693	97.272	ug/l		99
94) Hexachlorobutadiene	15.476	225	157139	90.896	ug/l		99
95) Naphthalene	15.611	128	1777069	103.462	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	462335	97.526	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

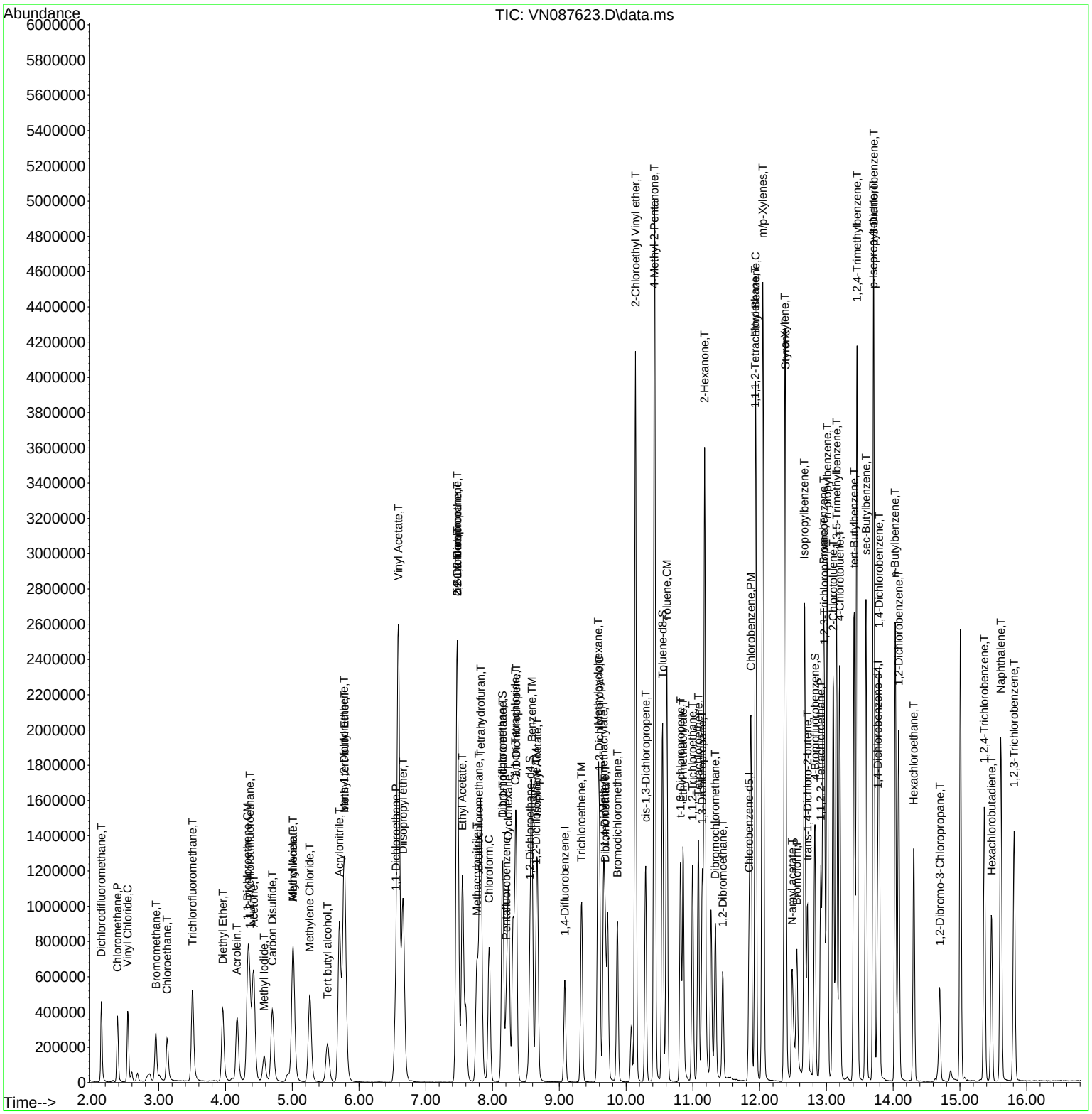
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	245979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	485482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	220585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	803343	159.399	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 318.800%#			
35) Dibromofluoromethane	8.147	113	562370	160.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 320.880%#			
50) Toluene-d8	10.547	98	2147647	163.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 327.400%#			
62) 4-Bromofluorobenzene	12.823	95	785776	168.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 336.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	576704	165.075	ug/l	97
3) Chloromethane	2.383	50	550985	153.466	ug/l	98
4) Vinyl Chloride	2.536	62	624259	149.961	ug/l	96
5) Bromomethane	2.942	94	360172	167.683	ug/l	96
6) Chloroethane	3.124	64	408766	139.711	ug/l	99
7) Trichlorofluoromethane	3.506	101	909991	149.205	ug/l	94
8) Diethyl Ether	3.959	74	383278	144.299	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	484239	140.317	ug/l	98
10) Methyl Iodide	4.577	142	432564	151.685	ug/l	97
11) Tert butyl alcohol	5.530	59	641433	733.123	ug/l	98
12) 1,1-Dichloroethene	4.336	96	506728	142.886	ug/l	97
13) Acrolein	4.171	56	861137	800.600	ug/l	99
14) Allyl chloride	5.012	41	1015124	157.956	ug/l	93
15) Acrylonitrile	5.706	53	1818844	737.113	ug/l	99
16) Acetone	4.424	43	1805178	657.978	ug/l	98
17) Carbon Disulfide	4.700	76	1460081	149.550	ug/l	100
18) Methyl Acetate	5.012	43	842183	146.610	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	2023752	152.117	ug/l	97
20) Methylene Chloride	5.259	84	589373	151.029	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	549970	143.089	ug/l	98
22) Diisopropyl ether	6.659	45	2071435	149.361	ug/l	99
23) Vinyl Acetate	6.589	43	9699326	768.719	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1085255	142.721	ug/l	98
25) 2-Butanone	7.471	43	2610414	723.217	ug/l	99
26) 2,2-Dichloropropane	7.471	77	956513	146.562	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	667748	145.324	ug/l	98
28) Bromochloromethane	7.794	49	539576	146.779	ug/l	99
29) Tetrahydrofuran	7.824	42	1725889	742.994	ug/l	100
30) Chloroform	7.947	83	1127250	145.239	ug/l	98
31) Cyclohexane	8.241	56	890974	140.551	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	950731	144.543	ug/l	97
36) 1,1-Dichloropropene	8.353	75	748756	139.242	ug/l	99
37) Ethyl Acetate	7.547	43	1064446	144.861	ug/l	98
38) Carbon Tetrachloride	8.341	117	789246	148.656	ug/l	98
39) Methylcyclohexane	9.583	83	867837	146.589	ug/l	98
40) Benzene	8.588	78	2405823	145.868	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.765	41	552329	145.108 ug/l		97
42) 1,2-Dichloroethane	8.653	62	912127	143.914 ug/l		99
43) Isopropyl Acetate	8.671	43	1715458	149.531 ug/l		98
44) Trichloroethene	9.335	130	538839	143.098 ug/l		99
45) 1,2-Dichloropropane	9.600	63	600437	138.113 ug/l		100
46) Dibromomethane	9.688	93	454128	146.791 ug/l		99
47) Bromodichloromethane	9.865	83	931257	146.876 ug/l		96
48) Methyl methacrylate	9.665	41	826047	152.226 ug/l		99
49) 1,4-Dioxane	9.683	88	204489	2907.396 ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	5127143	740.736 ug/l		99
52) Toluene	10.612	92	1505069	147.197 ug/l		100
53) t-1,3-Dichloropropene	10.818	75	1040899	158.602 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	1034308	151.780 ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	578828	146.338 ug/l		97
56) Ethyl methacrylate	10.853	69	1058252	167.411 ug/l		99
57) 1,3-Dichloropropane	11.141	76	1028391	146.908 ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	2825105	825.716 ug/l		99
59) 2-Hexanone	11.177	43	3690702	843.686 ug/l		100
60) Dibromochloromethane	11.335	129	680951	148.578 ug/l		100
61) 1,2-Dibromoethane	11.447	107	621238	148.950 ug/l		98
64) Tetrachloroethene	11.082	164	421013	135.369 ug/l		96
65) Chlorobenzene	11.871	112	1629434	146.105 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	562761	151.997 ug/l		99
67) Ethyl Benzene	11.941	91	2928525	151.661 ug/l		98
68) m/p-Xylenes	12.047	106	2189611	309.193 ug/l		99
69) o-Xylene	12.376	106	1053696	151.829 ug/l		99
70) Styrene	12.388	104	1873074	161.099 ug/l		99
71) Bromoform	12.559	173	451851	159.129 ug/l	#	98
73) Isopropylbenzene	12.671	105	2726116	152.940 ug/l		100
74) N-amyl acetate	12.482	43	1146975	167.250 ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	907151	147.822 ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	830843m	160.233 ug/l		
77) Bromobenzene	12.959	156	620711	147.691 ug/l		98
78) n-propylbenzene	13.012	91	3351021	152.627 ug/l		100
79) 2-Chlorotoluene	13.100	91	2010067	152.133 ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	2284564	151.084 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.712	75	345953	177.054 ug/l		84
82) 4-Chlorotoluene	13.200	91	2047130	147.365 ug/l		98
83) tert-Butylbenzene	13.418	119	1908253	151.441 ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	2300224	151.960 ug/l		100
85) sec-Butylbenzene	13.594	105	2775113	148.408 ug/l		100
86) p-Isopropyltoluene	13.706	119	2324153	150.520 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1208472	146.014 ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	1218359	141.456 ug/l		99
89) n-Butylbenzene	14.035	91	2273344	148.244 ug/l		99
90) Hexachloroethane	14.312	117	442763	150.511 ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	1153653	146.927 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	218577	149.934 ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	714001	151.432 ug/l		99
94) Hexachlorobutadiene	15.476	225	238563	141.923 ug/l		99
95) Naphthalene	15.612	128	2705715	162.013 ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	709644	153.956 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

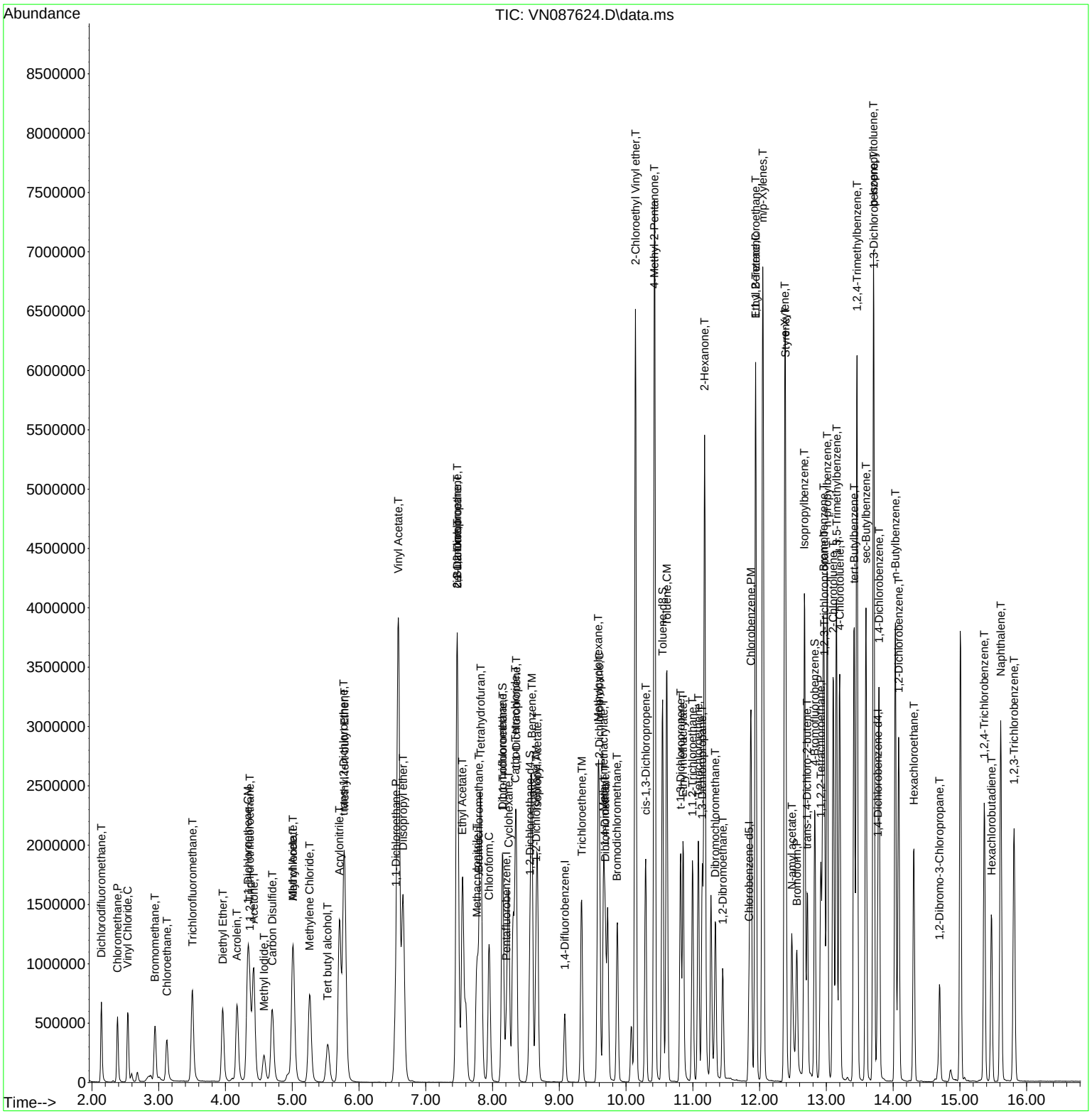
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	236538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	462145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	426678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	211874	43.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.440%		
35) Dibromofluoromethane	8.153	113	144206	43.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.440%		
50) Toluene-d8	10.547	98	538430	43.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.220%		
62) 4-Bromofluorobenzene	12.829	95	197985	44.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	166005	49.414	ug/l	98
3) Chloromethane	2.383	50	164410	47.621	ug/l	99
4) Vinyl Chloride	2.536	62	181981	45.461	ug/l	97
5) Bromomethane	2.971	94	104036	50.369	ug/l	90
6) Chloroethane	3.136	64	119563	42.496	ug/l	99
7) Trichlorofluoromethane	3.512	101	258055	44.000	ug/l	99
8) Diethyl Ether	3.959	74	106479	41.688	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	138202	41.645	ug/l	99
10) Methyl Iodide	4.577	142	101477	42.154	ug/l	96
11) Tert butyl alcohol	5.518	59	188337	223.850	ug/l	99
12) 1,1-Dichloroethene	4.342	96	143630	42.117	ug/l	94
13) Acrolein	4.177	56	214366	207.251	ug/l	99
14) Allyl chloride	5.012	41	251818	40.748	ug/l	98
15) Acrylonitrile	5.712	53	512416	215.953	ug/l	98
16) Acetone	4.424	43	534765	202.699	ug/l	100
17) Carbon Disulfide	4.700	76	403340	42.961	ug/l	99
18) Methyl Acetate	5.012	43	239686	43.391	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	554938	43.377	ug/l	95
20) Methylene Chloride	5.259	84	171230	44.741	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	155031	41.945	ug/l	95
22) Diisopropyl ether	6.659	45	570242	42.758	ug/l	98
23) Vinyl Acetate	6.588	43	2684129	221.221	ug/l	100
24) 1,1-Dichloroethane	6.553	63	308870	42.240	ug/l	97
25) 2-Butanone	7.471	43	748996	215.792	ug/l	98
26) 2,2-Dichloropropane	7.471	77	266418	42.451	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	187583	42.454	ug/l	98
28) Bromochloromethane	7.794	49	162438	45.951	ug/l	98
29) Tetrahydrofuran	7.824	42	468943	209.937	ug/l	99
30) Chloroform	7.947	83	321565	43.085	ug/l	99
31) Cyclohexane	8.241	56	255575	41.926	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	268667	42.477	ug/l	98
36) 1,1-Dichloropropene	8.353	75	213398	41.688	ug/l	99
37) Ethyl Acetate	7.547	43	286649	40.980	ug/l	97
38) Carbon Tetrachloride	8.341	117	220428	43.614	ug/l	96
39) Methylcyclohexane	9.582	83	234965	41.693	ug/l	99
40) Benzene	8.588	78	677138	43.129	ug/l	99

ICAL Form

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	154175	42.550 ug/l	97
42) 1,2-Dichloroethane	8.653	62	260576	43.189 ug/l	98
43) Isopropyl Acetate	8.671	43	475910	43.578 ug/l	98
44) Trichloroethene	9.329	130	150412	41.962 ug/l	98
45) 1,2-Dichloropropane	9.600	63	170592	41.221 ug/l	97
46) Dibromomethane	9.688	93	127636	43.340 ug/l	99
47) Bromodichloromethane	9.871	83	260671	43.189 ug/l	95
48) Methyl methacrylate	9.665	41	224953	43.548 ug/l	99
49) 1,4-Dioxane	9.682	88	62435	932.518 ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	1463763	222.154 ug/l	100
52) Toluene	10.612	92	421282	43.282 ug/l	99
53) t-1,3-Dichloropropene	10.818	75	278049	44.506 ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	284560	43.867 ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	165061	43.838 ug/l	99
56) Ethyl methacrylate	10.853	69	283473	47.109 ug/l	98
57) 1,3-Dichloropropane	11.141	76	287664	43.169 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	842734	258.751 ug/l	100
59) 2-Hexanone	11.176	43	1001252	240.442 ug/l	100
60) Dibromochloromethane	11.335	129	187315	42.934 ug/l	98
61) 1,2-Dibromoethane	11.447	107	173643	43.736 ug/l	99
64) Tetrachloroethene	11.082	164	117611	39.730 ug/l	94
65) Chlorobenzene	11.870	112	449967	42.389 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	156161	44.313 ug/l	100
67) Ethyl Benzene	11.941	91	803704	43.729 ug/l	100
68) m/p-Xylenes	12.047	106	605035	89.762 ug/l	100
69) o-Xylene	12.376	106	289138	43.771 ug/l	96
70) Styrene	12.388	104	506439	45.763 ug/l	99
71) Bromoform	12.559	173	121336	44.894 ug/l #	98
73) Isopropylbenzene	12.670	105	761746	43.745 ug/l	98
74) N-amyl acetate	12.500	43	294763m	44.668 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	264712	44.155 ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	246217m	48.723 ug/l	
77) Bromobenzene	12.959	156	177807	43.307 ug/l	98
78) n-propylbenzene	13.012	91	946175	44.113 ug/l	99
79) 2-Chlorotoluene	13.100	91	559855	43.374 ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	645684	43.710 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	85496	44.790 ug/l	86
82) 4-Chlorotoluene	13.200	91	598781	44.123 ug/l	99
83) tert-Butylbenzene	13.417	119	547166	44.450 ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	666050	45.041 ug/l	98
85) sec-Butylbenzene	13.594	105	802373	43.924 ug/l	99
86) p-Isopropyltoluene	13.706	119	658963	43.685 ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	346038	42.798 ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	359327	42.705 ug/l	99
89) n-Butylbenzene	14.035	91	654734	43.704 ug/l	100
90) Hexachloroethane	14.311	117	119987	41.752 ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	329254	42.924 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	60532	42.504 ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	197383	42.852 ug/l	99
94) Hexachlorobutadiene	15.476	225	67769	41.269 ug/l	99
95) Naphthalene	15.611	128	706917	43.329 ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	191126	42.444 ug/l	98

ICAL Form

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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

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Instrument :
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Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
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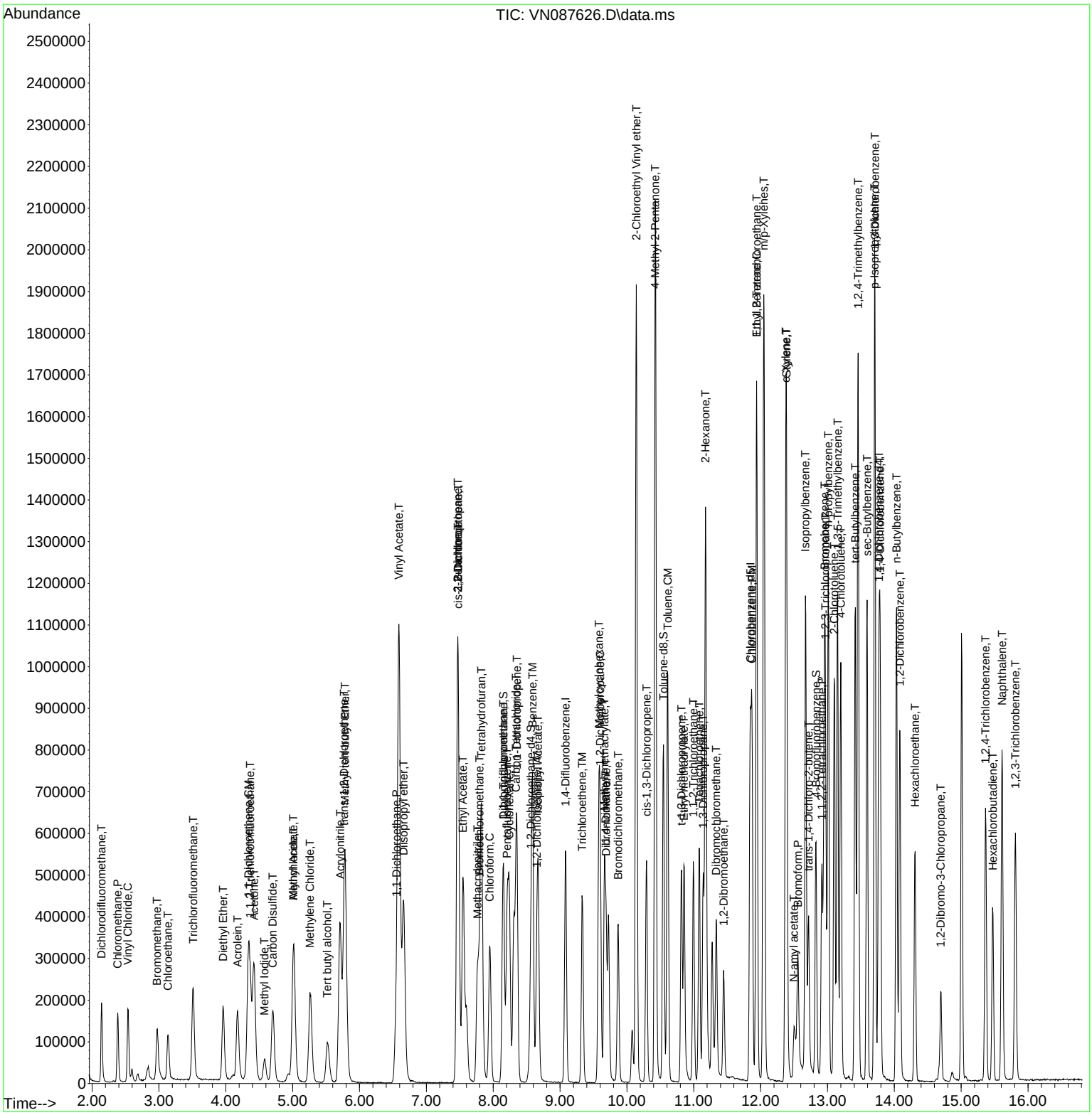

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	101	0.00
2	T	Dichlorodifluoromethane	0.710	0.702	1.1	87	0.00
3	P	Chloromethane	0.730	0.695	4.8	88	0.00
4	C	Vinyl Chloride	0.846	0.769	9.1#	86	0.00
5	T	Bromomethane	0.437	0.440	-0.7	99	0.00
6	T	Chloroethane	0.595	0.505	15.1	85	0.00
7	T	Trichlorofluoromethane	1.240	1.091	12.0	86	0.00
8	T	Diethyl Ether	0.540	0.450	16.7	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.701	0.584	16.7	85	0.00
10	T	Methyl Iodide	0.450	0.429	4.7	90	0.00
11	T	Tert butyl alcohol	0.178	0.159	10.7	87	0.00
12	CM	1,1-Dichloroethene	0.721	0.607	15.8#	87	0.00
13	T	Acrolein	0.219	0.181	17.4	85	0.00
14	T	Allyl chloride	1.306	1.065	18.5	87	0.00
15	T	Acrylonitrile	0.502	0.433	13.7	88	0.00
16	T	Acetone	0.558	0.452	19.0	87	0.00
17	T	Carbon Disulfide	1.985	1.705	14.1	86	0.00
18	T	Methyl Acetate	1.168	1.013	13.3	88	0.00
19	T	Methyl tert-butyl Ether	2.704	2.346	13.2	87	0.00
20	T	Methylene Chloride	0.948	0.724	23.6	89	0.00
21	T	trans-1,2-Dichloroethene	0.781	0.655	16.1	88	0.00
22	T	Diisopropyl ether	2.819	2.411	14.5	85	0.00
23	T	Vinyl Acetate	2.565	2.270	11.5	85	0.00
24	P	1,1-Dichloroethane	1.546	1.306	15.5	88	0.00
25	T	2-Butanone	0.734	0.633	13.8	87	0.00
26	T	2,2-Dichloropropane	1.327	1.126	15.1	86	0.00
27	T	cis-1,2-Dichloroethene	0.934	0.793	15.1	85	0.01
28	T	Bromochloromethane	0.747	0.687	8.0	99	0.00
29	T	Tetrahydrofuran	0.472	0.397	15.9	84	0.00
30	C	Chloroform	1.578	1.359	13.9#	87	0.00
31	T	Cyclohexane	1.289	1.080	16.2	88	0.00
32	T	1,1,1-Trichloroethane	1.337	1.136	15.0	88	0.00
33	S	1,2-Dichloroethane-d4	1.024	0.896	12.5	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.361	0.312	13.6	92	0.00
36	T	1,1-Dichloropropene	0.554	0.462	16.6	86	0.00
37	T	Ethyl Acetate	0.757	0.620	18.1	83	0.00
38	T	Carbon Tetrachloride	0.547	0.477	12.8	87	0.00
39	T	Methylcyclohexane	0.610	0.508	16.7	85	0.00
40	TM	Benzene	1.699	1.465	13.8	86	0.00
41	T	Methacrylonitrile	0.392	0.334	14.8	85	0.00
42	TM	1,2-Dichloroethane	0.653	0.564	13.6	86	0.00
43	T	Isopropyl Acetate	1.182	1.030	12.9	85	0.00
44	TM	Trichloroethene	0.388	0.325	16.2	85	0.00
45	C	1,2-Dichloropropane	0.448	0.369	17.6#	84	0.00
46	T	Dibromomethane	0.319	0.276	13.5	86	0.00
47	T	Bromodichloromethane	0.653	0.564	13.6	87	0.00
48	T	Methyl methacrylate	0.559	0.487	12.9	86	0.00

ICAL Form

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ALS Vial : 15 Sample Multiplier: 1

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ICVVN082125

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	86	0.00
50	S	Toluene-d8	1.351	1.165	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.633	11.2	85	0.00
52	CM	Toluene	1.053	0.912	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.676	0.602	10.9	85	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.616	12.3	85	0.00
55	T	1,1,2-Trichloroethane	0.407	0.357	12.3	86	0.00
56	T	Ethyl methacrylate	0.651	0.613	5.8	86	0.00
57	T	1,3-Dichloropropane	0.721	0.622	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.365	-3.7	102	0.00
59	T	2-Hexanone	0.451	0.433	4.0	84	0.00
60	T	Dibromochloromethane	0.472	0.405	14.2	86	0.00
61	T	1,2-Dibromoethane	0.430	0.376	12.6	86	0.00
62	S	4-Bromofluorobenzene	0.481	0.428	11.0	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.347	0.276	20.5	86	0.00
65	PM	Chlorobenzene	1.244	1.055	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.366	11.4	85	0.00
67	C	Ethyl Benzene	2.154	1.884	12.5#	86	0.00
68	T	m/p-Xylenes	0.790	0.709	10.3	85	0.00
69	T	o-Xylene	0.774	0.678	12.4	83	0.00
70	T	Styrene	1.297	1.187	8.5	84	0.00
71	P	Bromoform	0.317	0.284	10.4	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.040	3.535	12.5	86	0.00
74	T	N-amyl acetate	1.531	1.368	10.6	86	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.228	11.7	88	0.00
76	T	1,2,3-Trichloropropane	1.173	1.143	2.6	104	0.00
77	T	Bromobenzene	0.953	0.825	13.4	86	0.00
78	T	n-propylbenzene	4.977	4.391	11.8	85	0.00
79	T	2-Chlorotoluene	2.995	2.598	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	3.428	2.996	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.397	10.4	86	0.00
82	T	4-Chlorotoluene	3.149	2.779	11.7	86	0.00
83	T	tert-Butylbenzene	2.856	2.539	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.091	9.9	86	0.00
85	T	sec-Butylbenzene	4.239	3.723	12.2	86	0.00
86	T	p-Isopropyltoluene	3.500	3.058	12.6	85	0.00
87	T	1,3-Dichlorobenzene	1.876	1.606	14.4	86	0.00
88	T	1,4-Dichlorobenzene	1.952	1.667	14.6	87	0.00
89	T	n-Butylbenzene	3.476	3.038	12.6	86	0.00
90	T	Hexachloroethane	0.667	0.557	16.5	83	0.00
91	T	1,2-Dichlorobenzene	1.780	1.528	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.281	14.8	86	0.00
93	T	1,2,4-Trichlorobenzene	1.069	0.916	14.3	87	0.00
94	T	Hexachlorobutadiene	0.381	0.314	17.6	86	0.00
95	T	Naphthalene	3.786	3.280	13.4	85	0.00

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QLast Update : Fri Aug 22 02:54:13 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	1.045	0.887	15.1	86	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\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	49.414	1.2	87	0.00
3	P	Chloromethane	50.000	47.621	4.8	88	0.00
4	C	Vinyl Chloride	50.000	45.461	9.1#	86	0.00
5	T	Bromomethane	50.000	50.369	-0.7	99	0.00
6	T	Chloroethane	50.000	42.496	15.0	85	0.00
7	T	Trichlorofluoromethane	50.000	44.000	12.0	86	0.00
8	T	Diethyl Ether	50.000	41.688	16.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.645	16.7	85	0.00
10	T	Methyl Iodide	50.000	42.154	15.7	90	0.00
11	T	Tert butyl alcohol	250.000	223.850	10.5	87	0.00
12	CM	1,1-Dichloroethene	50.000	42.117	15.8#	87	0.00
13	T	Acrolein	250.000	207.251	17.1	85	0.00
14	T	Allyl chloride	50.000	40.748	18.5	87	0.00
15	T	Acrylonitrile	250.000	215.953	13.6	88	0.00
16	T	Acetone	250.000	202.699	18.9	87	0.00
17	T	Carbon Disulfide	50.000	42.961	14.1	86	0.00
18	T	Methyl Acetate	50.000	43.391	13.2	88	0.00
19	T	Methyl tert-butyl Ether	50.000	43.377	13.2	87	0.00
20	T	Methylene Chloride	50.000	44.741	10.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	41.945	16.1	88	0.00
22	T	Diisopropyl ether	50.000	42.758	14.5	85	0.00
23	T	Vinyl Acetate	250.000	221.221	11.5	85	0.00
24	P	1,1-Dichloroethane	50.000	42.240	15.5	88	0.00
25	T	2-Butanone	250.000	215.792	13.7	87	0.00
26	T	2,2-Dichloropropane	50.000	42.451	15.1	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	42.454	15.1	85	0.01
28	T	Bromochloromethane	50.000	45.951	8.1	99	0.00
29	T	Tetrahydrofuran	250.000	209.937	16.0	84	0.00
30	C	Chloroform	50.000	43.085	13.8#	87	0.00
31	T	Cyclohexane	50.000	41.926	16.1	88	0.00
32	T	1,1,1-Trichloroethane	50.000	42.477	15.0	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.718	12.6	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	43.218	13.6	92	0.00
36	T	1,1-Dichloropropene	50.000	41.688	16.6	86	0.00
37	T	Ethyl Acetate	50.000	40.980	18.0	83	0.00
38	T	Carbon Tetrachloride	50.000	43.614	12.8	87	0.00
39	T	Methylcyclohexane	50.000	41.693	16.6	85	0.00
40	TM	Benzene	50.000	43.129	13.7	86	0.00
41	T	Methacrylonitrile	50.000	42.550	14.9	85	0.00
42	TM	1,2-Dichloroethane	50.000	43.189	13.6	86	0.00
43	T	Isopropyl Acetate	50.000	43.578	12.8	85	0.00
44	TM	Trichloroethene	50.000	41.962	16.1	85	0.00
45	C	1,2-Dichloropropane	50.000	41.221	17.6#	84	0.00
46	T	Dibromomethane	50.000	43.340	13.3	86	0.00
47	T	Bromodichloromethane	50.000	43.189	13.6	87	0.00
48	T	Methyl methacrylate	50.000	43.548	12.9	86	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	932.518	6.7	86	0.00
50	S	Toluene-d8	50.000	43.114	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.154	11.1	85	0.00
52	CM	Toluene	50.000	43.282	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	44.506	11.0	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.867	12.3	85	0.00
55	T	1,1,2-Trichloroethane	50.000	43.838	12.3	86	0.00
56	T	Ethyl methacrylate	50.000	47.109	5.8	86	0.00
57	T	1,3-Dichloropropane	50.000	43.169	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.751	-3.5	102	0.00
59	T	2-Hexanone	250.000	240.442	3.8	84	0.00
60	T	Dibromochloromethane	50.000	42.934	14.1	86	0.00
61	T	1,2-Dibromoethane	50.000	43.736	12.5	86	0.00
62	S	4-Bromofluorobenzene	50.000	44.578	10.8	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	39.730	20.5	86	0.00
65	PM	Chlorobenzene	50.000	42.389	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.313	11.4	85	0.00
67	C	Ethyl Benzene	50.000	43.729	12.5#	86	0.00
68	T	m/p-Xylenes	100.000	89.762	10.2	85	0.00
69	T	o-Xylene	50.000	43.771	12.5	83	0.00
70	T	Styrene	50.000	45.763	8.5	84	0.00
71	P	Bromoform	50.000	44.894	10.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	43.745	12.5	86	0.00
74	T	N-amyl acetate	50.000	44.668	10.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.155	11.7	88	0.00
76	T	1,2,3-Trichloropropane	50.000	48.723	2.6	104	0.00
77	T	Bromobenzene	50.000	43.307	13.4	86	0.00
78	T	n-propylbenzene	50.000	44.113	11.8	85	0.00
79	T	2-Chlorotoluene	50.000	43.374	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.710	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.790	10.4	86	0.00
82	T	4-Chlorotoluene	50.000	44.123	11.8	86	0.00
83	T	tert-Butylbenzene	50.000	44.450	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.041	9.9	86	0.00
85	T	sec-Butylbenzene	50.000	43.924	12.2	86	0.00
86	T	p-Isopropyltoluene	50.000	43.685	12.6	85	0.00
87	T	1,3-Dichlorobenzene	50.000	42.798	14.4	86	0.00
88	T	1,4-Dichlorobenzene	50.000	42.705	14.6	87	0.00
89	T	n-Butylbenzene	50.000	43.704	12.6	86	0.00
90	T	Hexachloroethane	50.000	41.752	16.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	42.924	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.504	15.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.852	14.3	87	0.00
94	T	Hexachlorobutadiene	50.000	41.269	17.5	86	0.00
95	T	Naphthalene	50.000	43.329	13.3	85	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	42.444	15.1	86	0.00

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

Raw Data: **VN087774.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3058
Instrument ID: MSVOA_N
Calibration Date/Time: 09/10/2025 11:47
Lab File ID: VN087774.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.610		-14.09	20
Chloromethane	0.730	0.651	0.1	-10.82	20
Vinyl Chloride	0.846	0.733		-13.36	20
Bromomethane	0.437	0.399		-8.7	20
Chloroethane	0.595	0.515		-13.44	20
Trichlorofluoromethane	1.240	1.154		-6.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.632		-9.84	20
1,1-Dichloroethene	0.721	0.641		-11.1	20
Acetone	0.558	0.461		-17.38	20
Carbon Disulfide	1.985	1.593		-19.75	20
Methyl tert-butyl Ether	2.704	2.578		-4.66	20
Methyl Acetate	1.168	1.280		9.59	20
Methylene Chloride	0.948	0.752		-20.67	20
trans-1,2-Dichloroethene	0.781	0.691		-11.52	20
1,1-Dichloroethane	1.546	1.426	0.1	-7.76	20
Cyclohexane	1.289	1.032		-19.94	20
2-Butanone	0.734	0.668		-8.99	20
Carbon Tetrachloride	0.547	0.536		-2.01	20
cis-1,2-Dichloroethene	0.934	0.870		-6.85	20
Bromochloromethane	0.747	0.716		-4.15	20
Chloroform	1.578	1.527		-3.23	20
1,1,1-Trichloroethane	1.337	1.246		-6.81	20
Methylcyclohexane	0.610	0.519		-14.92	20
Benzene	1.699	1.610		-5.24	20
1,2-Dichloroethane	0.653	0.618		-5.36	20
Trichloroethene	0.388	0.359		-7.47	20
1,2-Dichloropropane	0.448	0.419		-6.47	20
Dibromomethane	0.319	0.315		-1.25	20
Bromodichloromethane	0.653	0.651		-0.31	20
4-Methyl-2-Pentanone	0.713	0.712		-0.14	20
Toluene	1.053	1.008		-4.27	20
t-1,3-Dichloropropene	0.676	0.671		-0.74	20
cis-1,3-Dichloropropene	0.702	0.684		-2.56	20
1,1,2-Trichloroethane	0.407	0.420		3.19	20
2-Hexanone	0.451	0.481		6.65	20
1,2-Dibromoethane	0.430	0.430		0	20
Tetrachloroethene	0.347	0.301		-13.26	20
Chlorobenzene	1.244	1.159	0.3	-6.83	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: **VN087774.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3058
Instrument ID: MSVOA_N
Calibration Date/Time: 09/10/2025 11:47
Lab File ID: VN087774.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	1.995		-7.38	20
m/p-Xylenes	0.790	0.761		-3.67	20
o-Xylene	0.774	0.730		-5.68	20
Styrene	1.297	1.300		0.23	20
Bromoform	0.317	0.332	0.1	4.73	20
Isopropylbenzene	4.040	3.630		-10.15	20
1,1,2,2-Tetrachloroethane	1.391	1.305	0.3	-6.18	20
1,3-Dichlorobenzene	1.876	1.776		-5.33	20
1,4-Dichlorobenzene	1.952	1.790		-8.3	20
1,2-Dichlorobenzene	1.780	1.690		-5.06	20
1,2-Dibromo-3-Chloropropane	0.330	0.291		-11.82	20
1,2,4-Trichlorobenzene	1.069	1.007		-5.8	20
1,2,3-Trichlorobenzene	1.045	0.990		-5.26	20
1,2-Dichloroethane-d4	1.024	0.986		-3.71	20
Dibromofluoromethane	0.361	0.374		3.6	20
Toluene-d8	1.351	1.346		-0.37	20
4-Bromofluorobenzene	0.481	0.487		1.25	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\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	241352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	467783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	458675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	238791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	237927	48.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.220%			
35) Dibromofluoromethane	8.147	113	175170	51.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.547	98	629636	49.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.829	95	227744	50.660	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	147328	42.979	ug/l	100
3) Chloromethane	2.383	50	157207	44.626	ug/l	98
4) Vinyl Chloride	2.536	62	177002	43.335	ug/l	98
5) Bromomethane	2.965	94	96413	45.747	ug/l	96
6) Chloroethane	3.136	64	124346	43.315	ug/l	99
7) Trichlorofluoromethane	3.512	101	278619	46.559	ug/l	99
8) Diethyl Ether	3.959	74	118429	45.442	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	152596	45.065	ug/l	99
10) Methyl Iodide	4.577	142	112139	45.088	ug/l #	87
11) Tert butyl alcohol	5.518	59	194684	226.779	ug/l	99
12) 1,1-Dichloroethene	4.342	96	154816	44.491	ug/l	88
13) Acrolein	4.171	56	282802	267.962	ug/l	98
14) Allyl chloride	5.012	41	257654	40.860	ug/l	98
15) Acrylonitrile	5.706	53	569368	235.168	ug/l	100
16) Acetone	4.424	43	556711	206.809	ug/l	97
17) Carbon Disulfide	4.706	76	384427	40.130	ug/l	98
18) Methyl Acetate	5.018	43	308814	54.790	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	622186	47.664	ug/l	98
20) Methylene Chloride	5.259	84	181511	46.531	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	166727	44.210	ug/l	93
22) Diisopropyl ether	6.653	45	652802	47.973	ug/l	99
23) Vinyl Acetate	6.588	43	2882973	232.870	ug/l	99
24) 1,1-Dichloroethane	6.553	63	344080	46.117	ug/l	96
25) 2-Butanone	7.471	43	805702	227.500	ug/l	99
26) 2,2-Dichloropropane	7.471	77	279672	43.674	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	210048	46.590	ug/l	98
28) Bromochloromethane	7.794	49	172770	47.899	ug/l	96
29) Tetrahydrofuran	7.824	42	529567	232.349	ug/l	100
30) Chloroform	7.947	83	368659	48.410	ug/l	99
31) Cyclohexane	8.235	56	249113	40.051	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	300706	46.594	ug/l	96
36) 1,1-Dichloropropene	8.353	75	228921	44.182	ug/l	99
37) Ethyl Acetate	7.547	43	324200	45.790	ug/l	99
38) Carbon Tetrachloride	8.341	117	250903	49.046	ug/l	98
39) Methylcyclohexane	9.582	83	242623	42.533	ug/l	99
40) Benzene	8.588	78	753143	47.392	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	172819	47.121	ug/l		99
42) 1,2-Dichloroethane	8.653	62	289191	47.355	ug/l		100
43) Isopropyl Acetate	8.671	43	528084	47.773	ug/l		99
44) Trichloroethene	9.329	130	168145	46.343	ug/l		89
45) 1,2-Dichloropropane	9.600	63	195830	46.749	ug/l		99
46) Dibromomethane	9.688	93	147387	49.443	ug/l		98
47) Bromodichloromethane	9.871	83	304671	49.870	ug/l		99
48) Methyl methacrylate	9.665	41	247231	47.284	ug/l		98
49) 1,4-Dioxane	9.682	88	69684	1028.244	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.424	43	1664244	249.536	ug/l		99
52) Toluene	10.612	92	471660	47.874	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	313674	49.603	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	319829	48.709	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	196689	51.608	ug/l		96
56) Ethyl methacrylate	10.853	69	316909	52.031	ug/l		99
57) 1,3-Dichloropropane	11.141	76	339367	50.314	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	795826	241.403	ug/l		99
59) 2-Hexanone	11.176	43	1125287	266.971	ug/l		99
60) Dibromochloromethane	11.341	129	229719	52.019	ug/l		100
61) 1,2-Dibromoethane	11.447	107	201051	50.029	ug/l		100
64) Tetrachloroethene	11.082	164	137887	43.330	ug/l		96
65) Chlorobenzene	11.870	112	531659	46.591	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	192598	50.840	ug/l		99
67) Ethyl Benzene	11.941	91	915074	46.315	ug/l		98
68) m/p-Xylenes	12.047	106	697974	96.326	ug/l		96
69) o-Xylene	12.376	106	334657	47.128	ug/l		98
70) Styrene	12.388	104	596463	50.138	ug/l		98
71) Bromoform	12.559	173	152417	52.460	ug/l		100
73) Isopropylbenzene	12.670	105	866761	44.919	ug/l		99
74) N-amyl acetate	12.500	43	347539m	47.527	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	311691	46.918	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	281813m	50.326	ug/l		
77) Bromobenzene	12.959	156	217125	47.724	ug/l		96
78) n-propylbenzene	13.012	91	1084937	45.648	ug/l		100
79) 2-Chlorotoluene	13.100	91	642986	44.954	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	752254	45.956	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	100889	47.697	ug/l		85
82) 4-Chlorotoluene	13.200	91	671717	44.668	ug/l		97
83) tert-Butylbenzene	13.412	119	639434	46.877	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	770562	47.025	ug/l		100
85) sec-Butylbenzene	13.594	105	948300	46.847	ug/l		100
86) p-Isopropyltoluene	13.706	119	789227	47.216	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	424202	47.347	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	427525	45.853	ug/l		98
89) n-Butylbenzene	14.035	91	754815	45.468	ug/l		99
90) Hexachloroethane	14.312	117	157428	49.435	ug/l		93
91) 1,2-Dichlorobenzene	14.082	146	403673	47.491	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	69443	44.003	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	240489	47.116	ug/l		98
94) Hexachlorobutadiene	15.476	225	88313	48.532	ug/l		97
95) Naphthalene	15.611	128	836556	46.272	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	236314	47.359	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

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

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

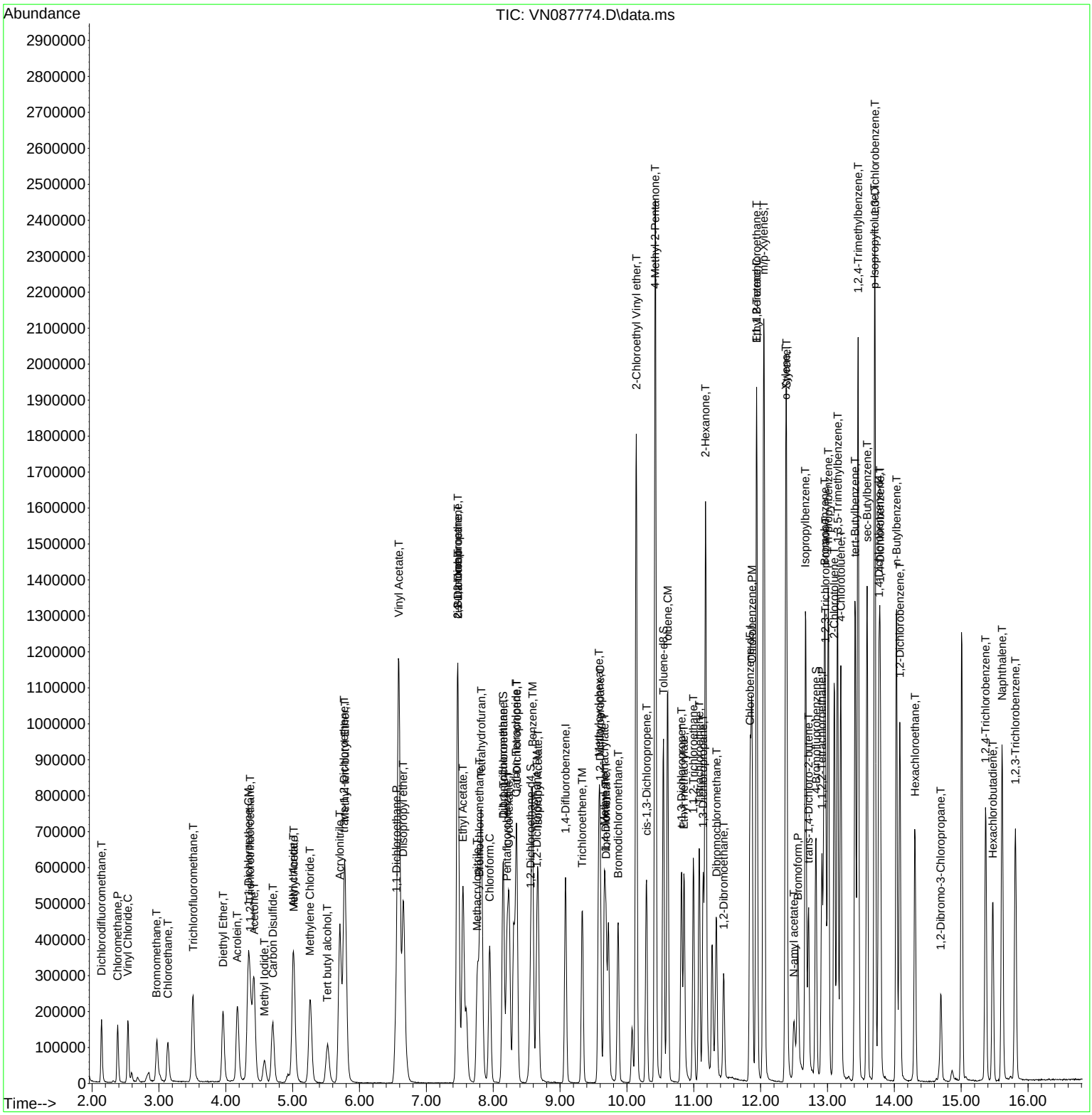
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



Sample Results: **VN087774.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	0.710	0.610	14.1	78	0.00
3	P	Chloromethane	0.730	0.651	10.8	84	0.00
4	C	Vinyl Chloride	0.846	0.733	13.4#	84	0.00
5	T	Bromomethane	0.437	0.399	8.7	92	0.00
6	T	Chloroethane	0.595	0.515	13.4	88	0.00
7	T	Trichlorofluoromethane	1.240	1.154	6.9	93	0.00
8	T	Diethyl Ether	0.540	0.491	9.1	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.701	0.632	9.8	94	0.00
10	T	Methyl Iodide	0.450	0.465	-3.3	99	0.00
11	T	Tert butyl alcohol	0.178	0.161	9.6	90	0.00
12	CM	1,1-Dichloroethene	0.721	0.641	11.1#	94	0.00
13	T	Acrolein	0.219	0.234	-6.8	112	0.00
14	T	Allyl chloride	1.306	1.068	18.2	89	0.00
15	T	Acrylonitrile	0.502	0.472	6.0	97	0.00
16	T	Acetone	0.558	0.461	17.4	91	0.00
17	T	Carbon Disulfide	1.985	1.593	19.7	82	0.00
18	T	Methyl Acetate	1.168	1.280	-9.6	114	0.00
19	T	Methyl tert-butyl Ether	2.704	2.578	4.7	97	0.00
20	T	Methylene Chloride	0.948	0.752	20.7	94	0.00
21	T	trans-1,2-Dichloroethene	0.781	0.691	11.5	95	0.00
22	T	Diisopropyl ether	2.819	2.705	4.0	97	0.00
23	T	Vinyl Acetate	2.565	2.389	6.9	91	0.00
24	P	1,1-Dichloroethane	1.546	1.426	7.8	98	0.00
25	T	2-Butanone	0.734	0.668	9.0	94	0.00
26	T	2,2-Dichloropropane	1.327	1.159	12.7	91	0.00
27	T	cis-1,2-Dichloroethene	0.934	0.870	6.9	95	0.00
28	T	Bromochloromethane	0.747	0.716	4.1	105	0.00
29	T	Tetrahydrofuran	0.472	0.439	7.0	95	0.00
30	C	Chloroform	1.578	1.527	3.2#	100	0.00
31	T	Cyclohexane	1.289	1.032	19.9	86	0.00
32	T	1,1,1-Trichloroethane	1.337	1.246	6.8	98	0.00
33	S	1,2-Dichloroethane-d4	1.024	0.986	3.7	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.361	0.374	-3.6	112	0.00
36	T	1,1-Dichloropropene	0.554	0.489	11.7	93	0.00
37	T	Ethyl Acetate	0.757	0.693	8.5	93	0.00
38	T	Carbon Tetrachloride	0.547	0.536	2.0	99	0.00
39	T	Methylcyclohexane	0.610	0.519	14.9	88	0.00
40	TM	Benzene	1.699	1.610	5.2	96	0.00
41	T	Methacrylonitrile	0.392	0.369	5.9	95	0.00
42	TM	1,2-Dichloroethane	0.653	0.618	5.4	95	0.00
43	T	Isopropyl Acetate	1.182	1.129	4.5	94	0.00
44	TM	Trichloroethene	0.388	0.359	7.5	95	0.00
45	C	1,2-Dichloropropane	0.448	0.419	6.5#	97	0.00
46	T	Dibromomethane	0.319	0.315	1.3	99	0.00
47	T	Bromodichloromethane	0.653	0.651	0.3	102	0.00
48	T	Methyl methacrylate	0.559	0.529	5.4	95	0.00

Sample Results: **VN087774.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	96	0.00
50	S	Toluene-d8	1.351	1.346	0.4	110	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.712	0.1	97	0.00
52	CM	Toluene	1.053	1.008	4.3#	96	0.00
53	T	t-1,3-Dichloropropene	0.676	0.671	0.7	95	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.684	2.6	95	0.00
55	T	1,1,2-Trichloroethane	0.407	0.420	-3.2	103	0.00
56	T	Ethyl methacrylate	0.651	0.677	-4.0	96	0.00
57	T	1,3-Dichloropropane	0.721	0.725	-0.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.340	3.4	96	0.00
59	T	2-Hexanone	0.451	0.481	-6.7	94	0.00
60	T	Dibromochloromethane	0.472	0.491	-4.0	105	0.00
61	T	1,2-Dibromoethane	0.430	0.430	0.0	99	0.00
62	S	4-Bromofluorobenzene	0.481	0.487	-1.2	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.347	0.301	13.3	100	0.00
65	PM	Chlorobenzene	1.244	1.159	6.8	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.420	-1.7	104	0.00
67	C	Ethyl Benzene	2.154	1.995	7.4#	97	0.00
68	T	m/p-Xylenes	0.790	0.761	3.7	98	0.00
69	T	o-Xylene	0.774	0.730	5.7	96	0.00
70	T	Styrene	1.297	1.300	-0.2	98	0.00
71	P	Bromoform	0.317	0.332	-4.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73	T	Isopropylbenzene	4.040	3.630	10.1	97	0.00
74	T	N-amyl acetate	1.531	1.455	5.0	101	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.305	6.2	104	0.00
76	T	1,2,3-Trichloropropane	1.173	1.180	-0.6	119	0.00
77	T	Bromobenzene	0.953	0.909	4.6	104	0.00
78	T	n-propylbenzene	4.977	4.543	8.7	98	0.00
79	T	2-Chlorotoluene	2.995	2.693	10.1	98	0.00
80	T	1,3,5-Trimethylbenzene	3.428	3.150	8.1	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.422	4.7	101	0.00
82	T	4-Chlorotoluene	3.149	2.813	10.7	96	0.00
83	T	tert-Butylbenzene	2.856	2.678	6.2	99	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.227	5.9	100	0.00
85	T	sec-Butylbenzene	4.239	3.971	6.3	102	0.00
86	T	p-Isopropyltoluene	3.500	3.305	5.6	101	0.00
87	T	1,3-Dichlorobenzene	1.876	1.776	5.3	105	0.00
88	T	1,4-Dichlorobenzene	1.952	1.790	8.3	104	0.00
89	T	n-Butylbenzene	3.476	3.161	9.1	99	0.00
90	T	Hexachloroethane	0.667	0.659	1.2	109	0.00
91	T	1,2-Dichlorobenzene	1.780	1.690	5.1	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.291	11.8	99	0.00
93	T	1,2,4-Trichlorobenzene	1.069	1.007	5.8	106	0.00
94	T	Hexachlorobutadiene	0.381	0.370	2.9	113	0.00
95	T	Naphthalene	3.786	3.503	7.5	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	0.990	5.3	106	0.00

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

Sample Results: **VN087774.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	50.000	42.979	14.0	78	0.00
3	P	Chloromethane	50.000	44.626	10.7	84	0.00
4	C	Vinyl Chloride	50.000	43.335	13.3#	84	0.00
5	T	Bromomethane	50.000	45.747	8.5	92	0.00
6	T	Chloroethane	50.000	43.315	13.4	88	0.00
7	T	Trichlorofluoromethane	50.000	46.559	6.9	93	0.00
8	T	Diethyl Ether	50.000	45.442	9.1	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.065	9.9	94	0.00
10	T	Methyl Iodide	50.000	45.088	9.8	99	0.00
11	T	Tert butyl alcohol	250.000	226.779	9.3	90	0.00
12	CM	1,1-Dichloroethene	50.000	44.491	11.0#	94	0.00
13	T	Acrolein	250.000	267.962	-7.2	112	0.00
14	T	Allyl chloride	50.000	40.860	18.3	89	0.00
15	T	Acrylonitrile	250.000	235.168	5.9	97	0.00
16	T	Acetone	250.000	206.809	17.3	91	0.00
17	T	Carbon Disulfide	50.000	40.130	19.7	82	0.00
18	T	Methyl Acetate	50.000	54.790	-9.6	114	0.00
19	T	Methyl tert-butyl Ether	50.000	47.664	4.7	97	0.00
20	T	Methylene Chloride	50.000	46.531	6.9	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.210	11.6	95	0.00
22	T	Diisopropyl ether	50.000	47.973	4.1	97	0.00
23	T	Vinyl Acetate	250.000	232.870	6.9	91	0.00
24	P	1,1-Dichloroethane	50.000	46.117	7.8	98	0.00
25	T	2-Butanone	250.000	227.500	9.0	94	0.00
26	T	2,2-Dichloropropane	50.000	43.674	12.7	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.590	6.8	95	0.00
28	T	Bromochloromethane	50.000	47.899	4.2	105	0.00
29	T	Tetrahydrofuran	250.000	232.349	7.1	95	0.00
30	C	Chloroform	50.000	48.410	3.2#	100	0.00
31	T	Cyclohexane	50.000	40.051	19.9	86	0.00
32	T	1,1,1-Trichloroethane	50.000	46.594	6.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.114	3.8	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	51.866	-3.7	112	0.00
36	T	1,1-Dichloropropene	50.000	44.182	11.6	93	0.00
37	T	Ethyl Acetate	50.000	45.790	8.4	93	0.00
38	T	Carbon Tetrachloride	50.000	49.046	1.9	99	0.00
39	T	Methylcyclohexane	50.000	42.533	14.9	88	0.00
40	TM	Benzene	50.000	47.392	5.2	96	0.00
41	T	Methacrylonitrile	50.000	47.121	5.8	95	0.00
42	TM	1,2-Dichloroethane	50.000	47.355	5.3	95	0.00
43	T	Isopropyl Acetate	50.000	47.773	4.5	94	0.00
44	TM	Trichloroethene	50.000	46.343	7.3	95	0.00
45	C	1,2-Dichloropropane	50.000	46.749	6.5#	97	0.00
46	T	Dibromomethane	50.000	49.443	1.1	99	0.00
47	T	Bromodichloromethane	50.000	49.870	0.3	102	0.00
48	T	Methyl methacrylate	50.000	47.284	5.4	95	0.00

Sample Results: **VN087774.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	1028.244	-2.8	96	0.00
50	S	Toluene-d8	50.000	49.809	0.4	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.536	0.2	97	0.00
52	CM	Toluene	50.000	47.874	4.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	49.603	0.8	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.709	2.6	95	0.00
55	T	1,1,2-Trichloroethane	50.000	51.608	-3.2	103	0.00
56	T	Ethyl methacrylate	50.000	52.031	-4.1	96	0.00
57	T	1,3-Dichloropropane	50.000	50.314	-0.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.403	3.4	96	0.00
59	T	2-Hexanone	250.000	266.971	-6.8	94	0.00
60	T	Dibromochloromethane	50.000	52.019	-4.0	105	0.00
61	T	1,2-Dibromoethane	50.000	50.029	-0.1	99	0.00
62	S	4-Bromofluorobenzene	50.000	50.660	-1.3	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	43.330	13.3	100	0.00
65	PM	Chlorobenzene	50.000	46.591	6.8	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.840	-1.7	104	0.00
67	C	Ethyl Benzene	50.000	46.315	7.4#	97	0.00
68	T	m/p-Xylenes	100.000	96.326	3.7	98	0.00
69	T	o-Xylene	50.000	47.128	5.7	96	0.00
70	T	Styrene	50.000	50.138	-0.3	98	0.00
71	P	Bromoform	50.000	52.460	-4.9	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	44.919	10.2	97	0.00
74	T	N-amyl acetate	50.000	47.527	4.9	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.918	6.2	104	0.00
76	T	1,2,3-Trichloropropane	50.000	50.326	-0.7	119	0.00
77	T	Bromobenzene	50.000	47.724	4.6	104	0.00
78	T	n-propylbenzene	50.000	45.648	8.7	98	0.00
79	T	2-Chlorotoluene	50.000	44.954	10.1	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.956	8.1	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.697	4.6	101	0.00
82	T	4-Chlorotoluene	50.000	44.668	10.7	96	0.00
83	T	tert-Butylbenzene	50.000	46.877	6.2	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.025	6.0	100	0.00
85	T	sec-Butylbenzene	50.000	46.847	6.3	102	0.00
86	T	p-Isopropyltoluene	50.000	47.216	5.6	101	0.00
87	T	1,3-Dichlorobenzene	50.000	47.347	5.3	105	0.00
88	T	1,4-Dichlorobenzene	50.000	45.853	8.3	104	0.00
89	T	n-Butylbenzene	50.000	45.468	9.1	99	0.00
90	T	Hexachloroethane	50.000	49.435	1.1	109	0.00
91	T	1,2-Dichlorobenzene	50.000	47.491	5.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.003	12.0	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.116	5.8	106	0.00
94	T	Hexachlorobutadiene	50.000	48.532	2.9	113	0.00
95	T	Naphthalene	50.000	46.272	7.5	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087774.D
Acq On : 10 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	47.359	5.3	106	0.00

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

QC SAMPLE DATA

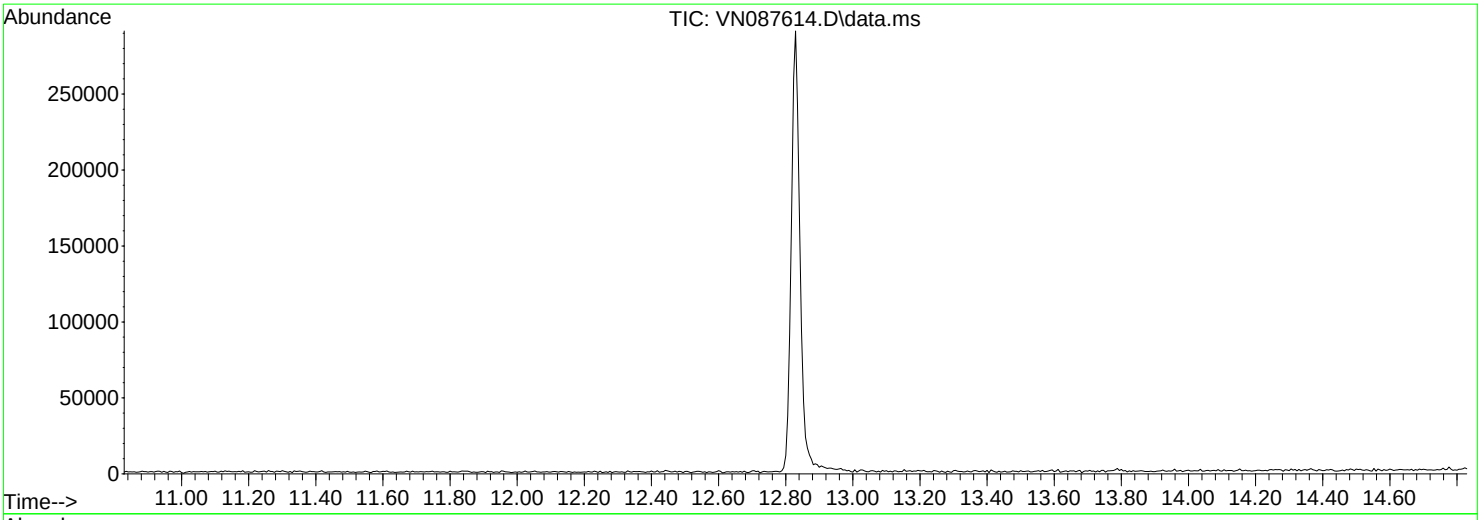
Sample Results: **VN087614.D**

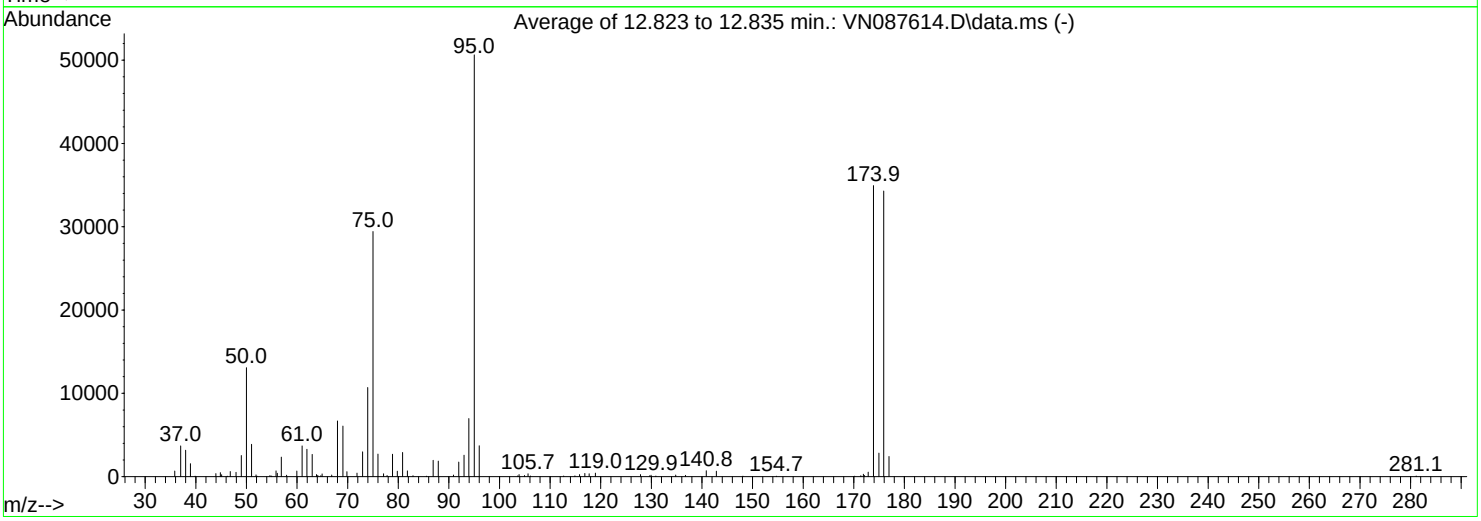
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087614.D
Acq On : 21 Aug 2025 09:30
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 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	25.8	13089	PASS
75	95	30	60	58.1	29435	PASS
95	95	100	100	100.0	50640	PASS
96	95	5	9	7.3	3712	PASS
173	174	0.00	2	1.6	548	PASS
174	95	50	100	69.0	34952	PASS
175	174	5	9	8.1	2829	PASS
176	174	95	101	98.1	34291	PASS
177	176	5	9	7.1	2426	PASS

Average of 12.823 to 12.835 min.: VN087614.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	675	49.00	2529	59.95	672	69.85	59
37.00	3688	50.00	13089	61.00	3695	71.85	41
38.00	3178	51.00	3882	61.95	3294	72.95	297
38.95	1555	51.90	219	63.00	2681	73.95	1069
39.85	60	52.10	64	63.85	251	75.00	29435
43.95	374	54.65	128	64.10	153	76.00	2714
44.85	476	55.00	70	64.70	121	77.10	352
45.10	237	55.85	685	64.95	324	77.80	133
46.20	55	56.10	397	66.85	193	78.85	2691
46.80	616	56.90	2340	68.00	6681	79.80	662
47.95	526	57.95	176	69.05	6065	80.85	2901

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087614.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.80	684	103.60	98	127.85	257	171.40	114
82.90	109	103.85	252	129.70	113	171.90	297
85.60	55	104.95	136	129.95	176	172.10	131
86.90	1959	105.65	343	130.90	79	172.85	548
87.90	1858	106.10	71	134.80	197	173.90	34952
90.90	194	112.70	85	136.75	152	174.95	2829
91.95	1755	114.90	88	140.85	705	175.90	34291
93.00	2573	115.80	249	142.85	649	176.95	2426
93.95	6967	116.85	391	148.10	51	281.10	79
95.00	50640	117.70	342	154.70	64		
96.00	3712	118.95	421	170.20	52		

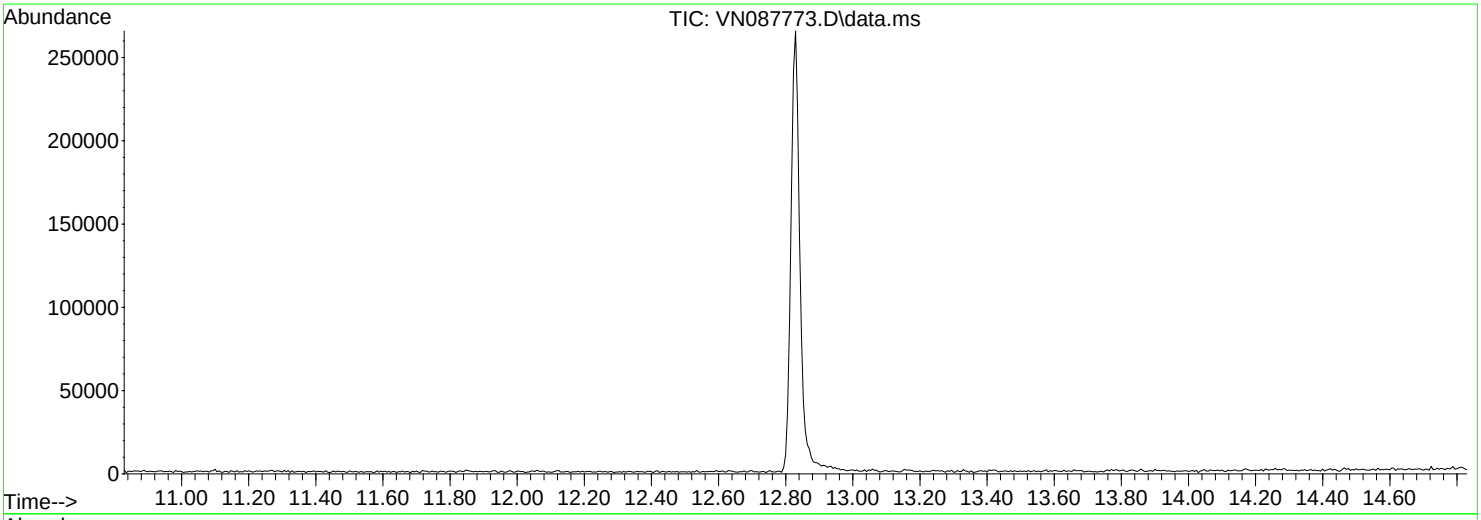
Sample Results: **VN087773.D**

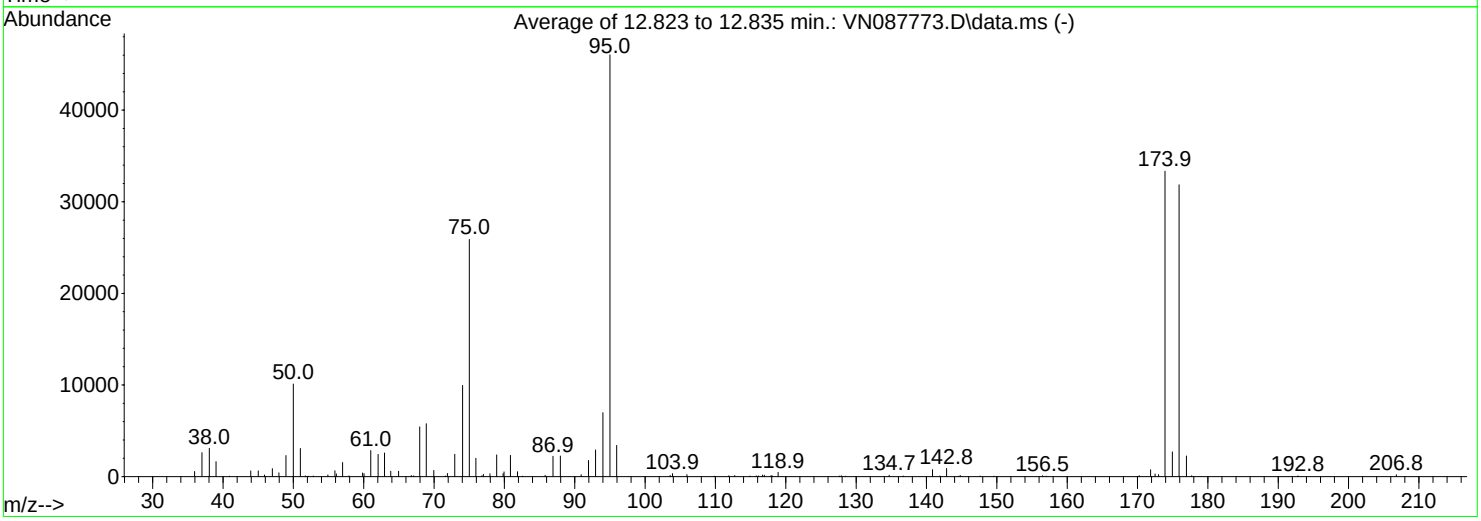
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087773.D
Acq On : 10 Sep 2025 11:13
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 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	22.0	10114	PASS
75	95	30	60	56.3	25907	PASS
95	95	100	100	100.0	46035	PASS
96	95	5	9	7.4	3409	PASS
173	174	0.00	2	0.7	236	PASS
174	95	50	100	72.4	33341	PASS
175	174	5	9	8.1	2709	PASS
176	174	95	101	95.5	31851	PASS
177	176	5	9	7.1	2248	PASS

Average of 12.823 to 12.835 min.: VN087773.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	552	50.00	10114	60.05	327	71.60	6
37.00	2621	51.00	3078	61.00	2848	71.90	35
38.05	3091	51.70	90	62.05	2423	72.95	244
39.00	1641	52.10	52	62.95	2583	74.05	995
40.90	60	52.80	70	63.85	595	75.00	25907
43.95	630	54.90	199	64.95	597	75.95	2017
45.00	625	55.90	639	66.75	119	76.80	107
45.90	172	56.10	301	67.10	84	77.00	247
47.00	875	57.00	1541	67.95	5434	77.95	321
47.95	412	57.90	80	68.90	5780	78.90	2372
48.95	2312	59.85	394	69.95	681	79.80	341

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087773.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
79.95	533	95.00	46035	116.70	171	141.90	64
80.85	2318	95.95	3409	116.95	167	142.85	884
81.85	548	103.55	146	117.90	141	144.50	56
82.60	55	103.90	339	118.10	77	144.80	149
85.80	140	105.95	237	118.90	470	147.60	74
86.90	2213	109.80	53	127.60	71	149.60	60
87.95	2246	111.90	106	127.90	104	156.50	106
90.90	212	112.75	118	128.50	60	157.00	59
91.95	1773	114.90	79	134.70	166	170.25	115
92.95	2919	115.80	83	136.70	65	171.85	751
94.00	6994	116.10	91	140.85	767	172.50	295

Average of 12.823 to 12.835 min.: VN087773.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
173.00	236						
173.90	33341						
174.95	2709						
175.90	31851						
176.95	2248						
177.70	105						
192.80	87						
206.80	219						

Raw Data: **VN087776.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBL01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087776.D	1	09/10/25 12:46	VN091025

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
74-95-3	Dibromomethane	0.25	U	0.25	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

Raw Data: **VN087776.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBL01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087776.D	1	09/10/25 12:46	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
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
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	55.0		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	178000	8.206			
540-36-3	1,4-Difluorobenzene	413000	9.082			
3114-55-4	Chlorobenzene-d5	393000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.77			

Raw Data: **VN087776.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Buffington			Date Received:	
Client Sample ID:	VN0910WBL01			SDG No.:	Q3058
Lab Sample ID:	VN0910WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087776.D	1	09/10/25 12:46	VN091025

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\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Time: Sep 11 02:01:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

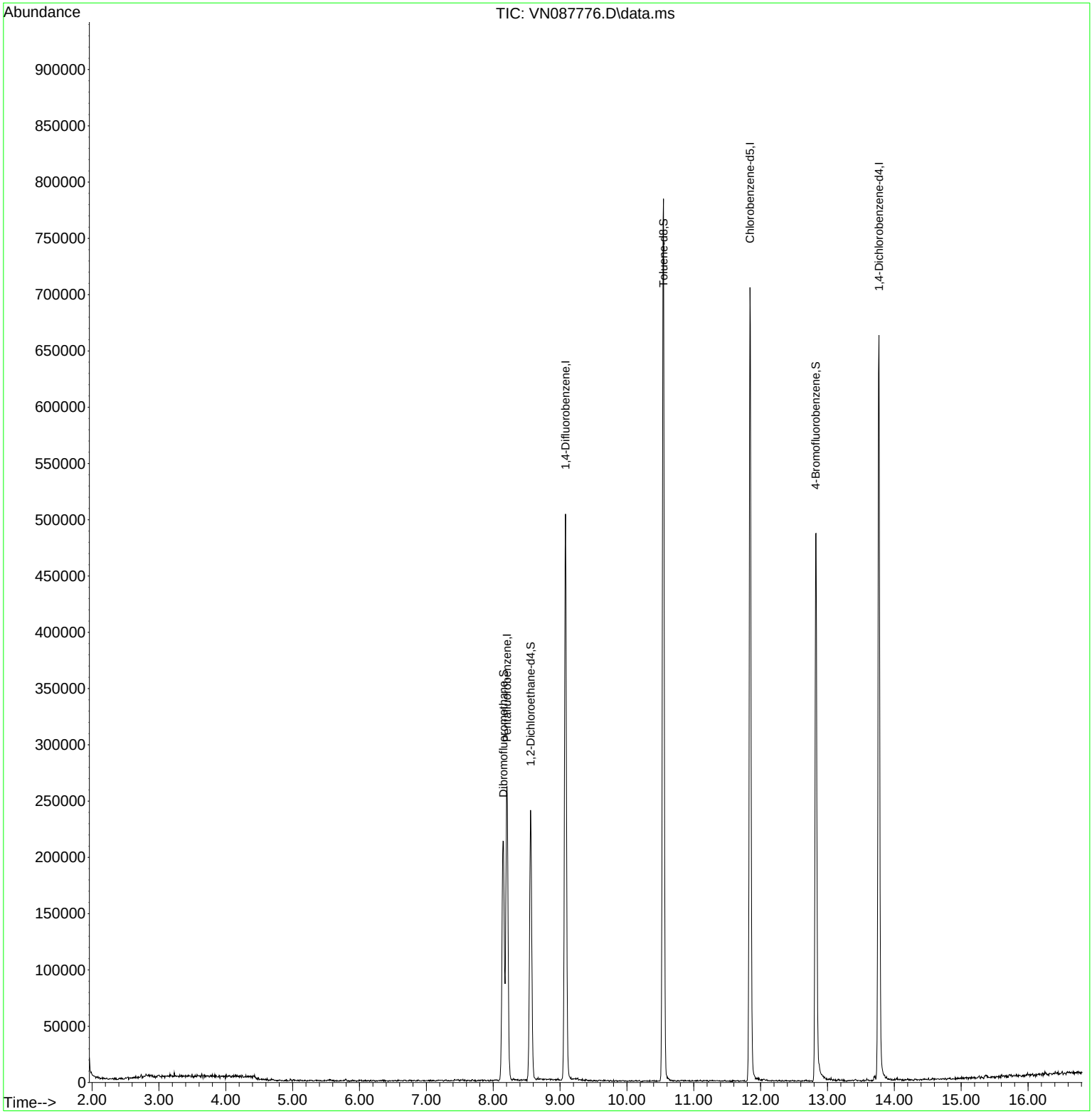
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	177881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200486	55.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.020%			
35) Dibromofluoromethane	8.153	113	155658	52.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	10.547	98	534676	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.823	95	175489	44.197	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.400%			
Target Compounds						Qvalue

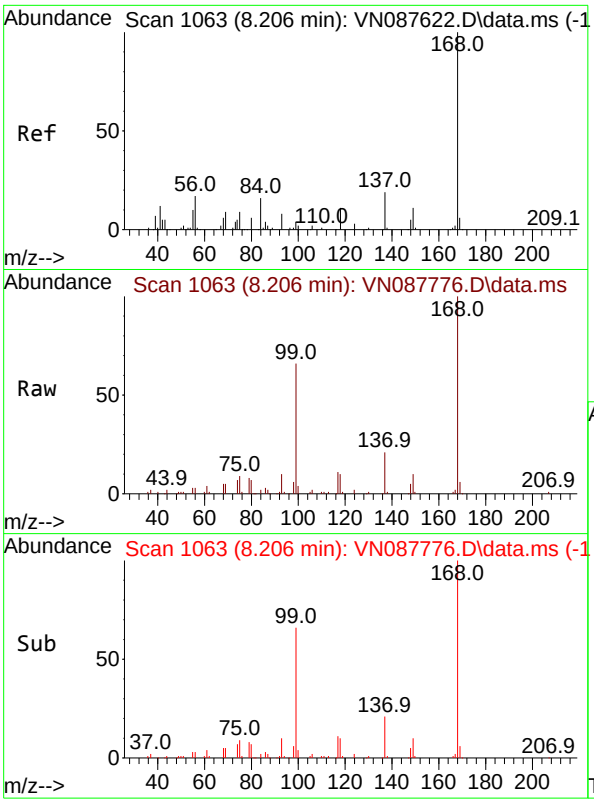
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Time: Sep 11 02:01:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



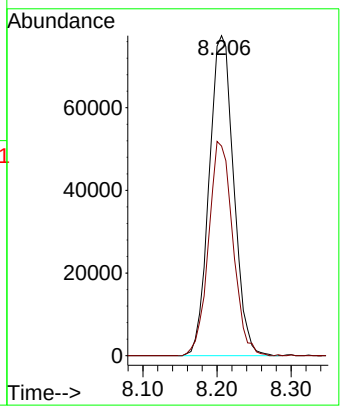


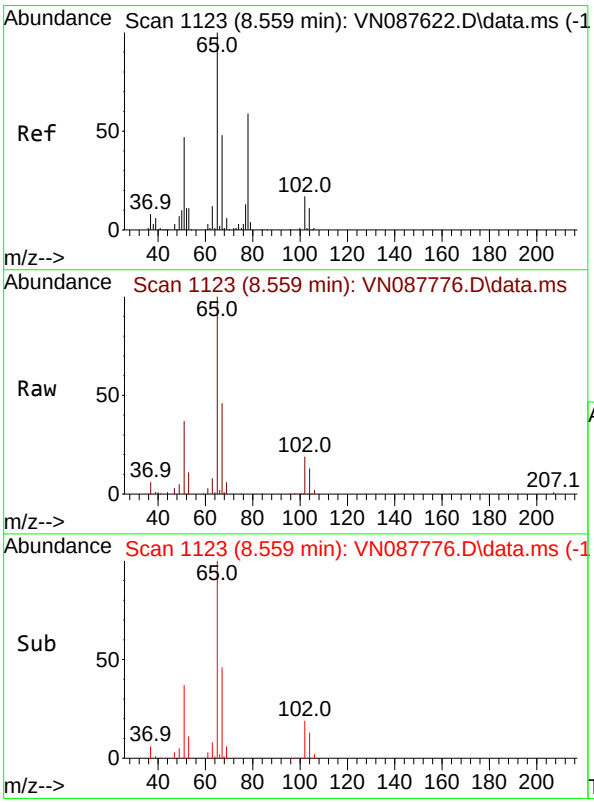
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:168 Resp: 177881

Ion	Ratio	Lower	Upper
168	100		
99	65.5	57.2	85.8

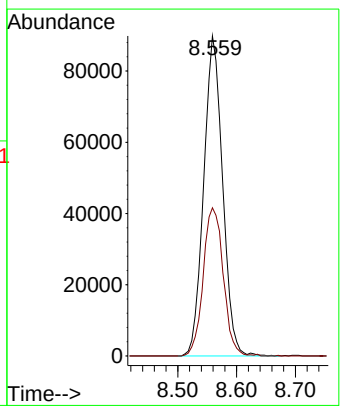


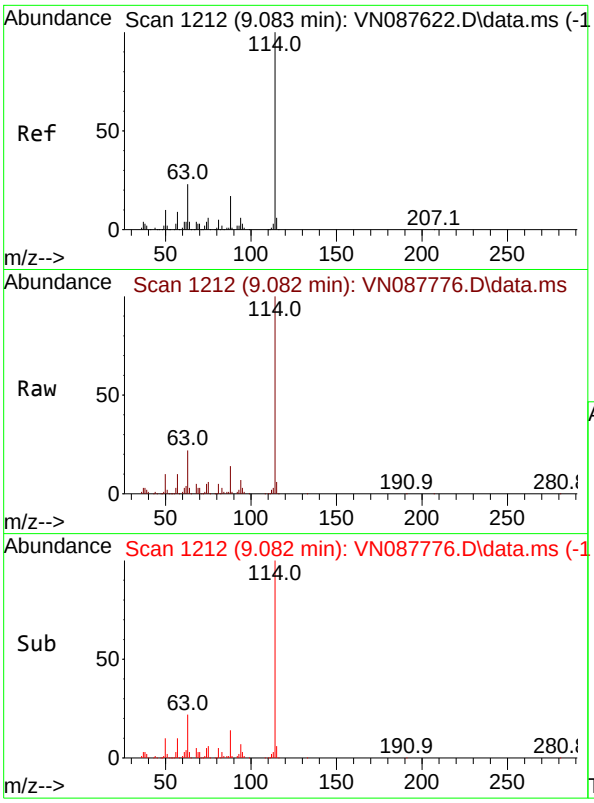


#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 65 Resp: 200486

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	100.0



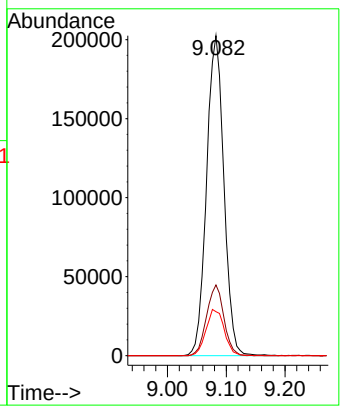


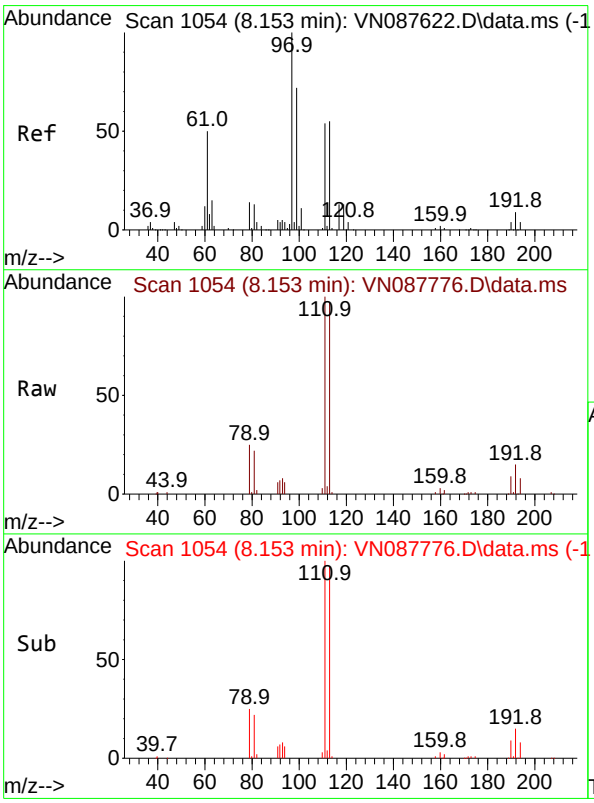
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:114 Resp: 413161

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	13.8	0.0	33.4

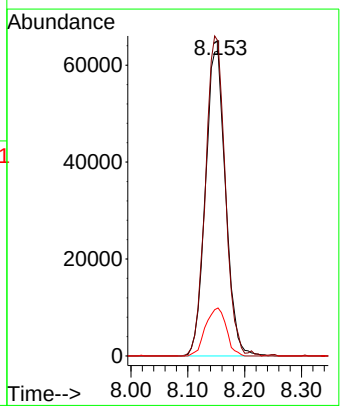


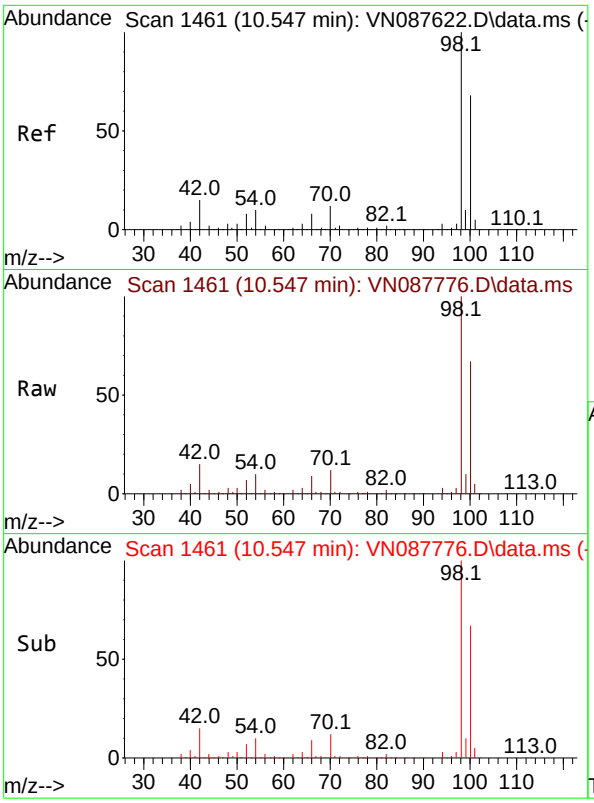


#35
Dibromofluoromethane
Concen: 52.181 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:113 Resp: 155658

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	16.2	12.8	19.2



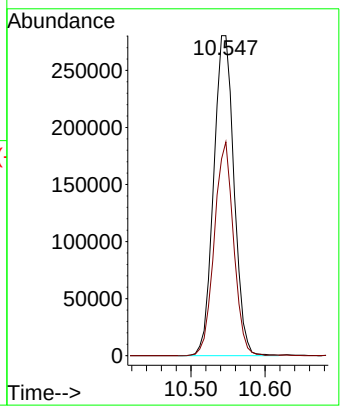


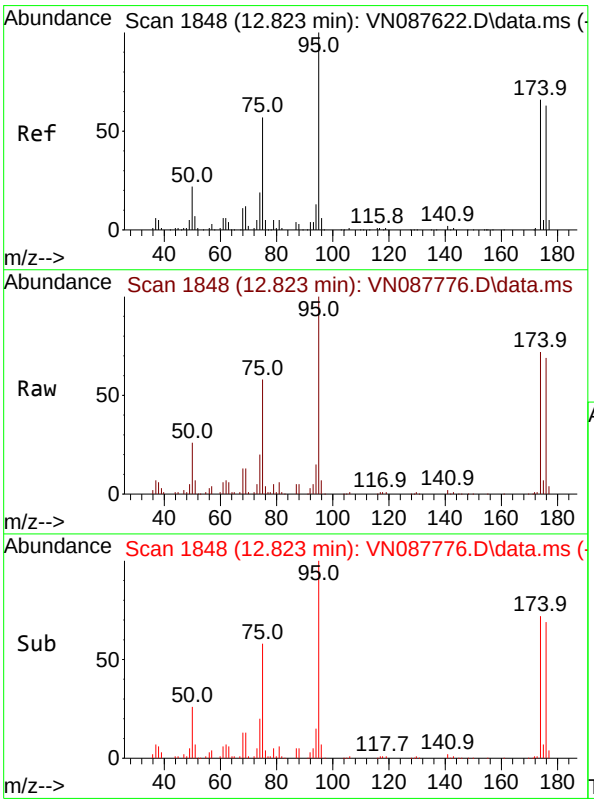
#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion: 98 Resp: 534676

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.8	79.2

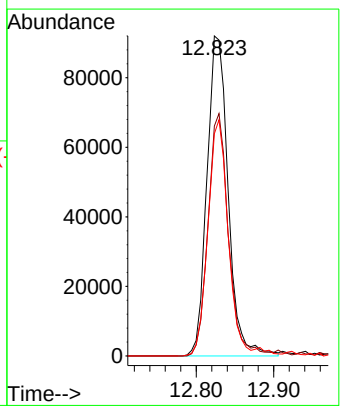


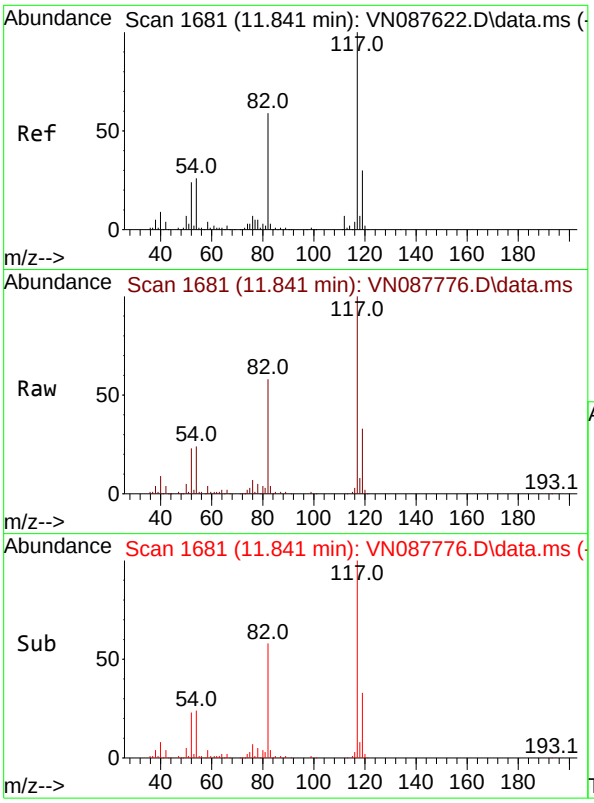


#62
4-Bromofluorobenzene
Concen: 44.197 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 95 Resp: 175489

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	70.1	0.0	132.6



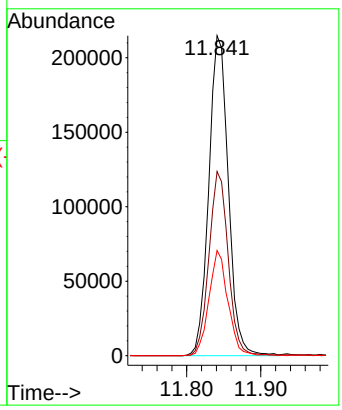


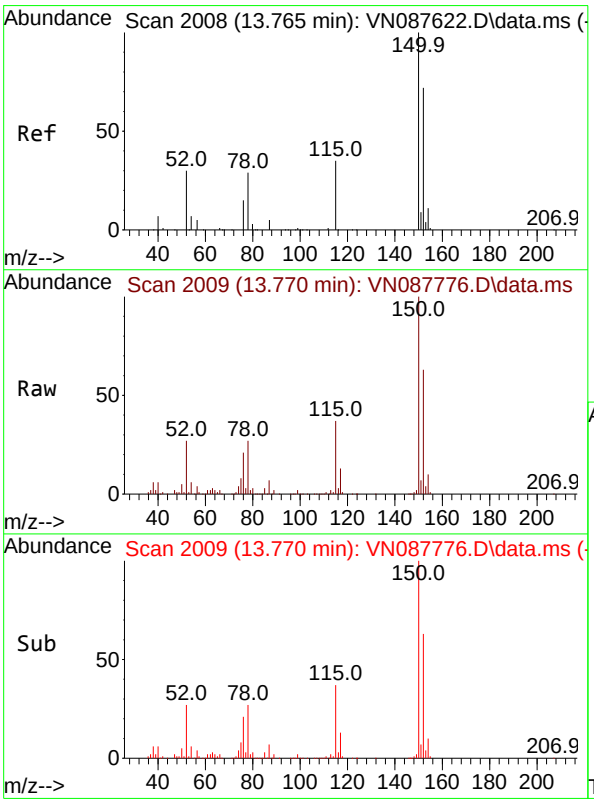
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion:117 Resp: 392580

Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.2
119	32.8	24.3	36.5

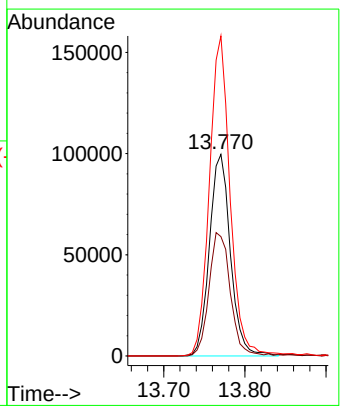




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:152 Resp: 179388

Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.3	96.8
150	156.4	0.0	351.0



Sample Results: **VN087776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

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\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV2	211778	527773	35.76%	6.930%
2	8.206	1058	1063	1074	rVB	260328	594890	40.31%	7.811%
3	8.559	1114	1123	1138	rBV	240530	554261	37.56%	7.278%
4	9.082	1201	1212	1225	rBV	503228	1046443	70.91%	13.741%
5	10.547	1452	1461	1472	rBV	783829	1475718	100.00%	19.378%
6	11.841	1673	1681	1695	rBV	705296	1290176	87.43%	16.941%
7	12.829	1840	1849	1867	rBV	487126	937673	63.54%	12.313%
8	13.770	2001	2009	2022	rBV	661104	1188668	80.55%	15.608%

Sum of corrected areas: 7615602

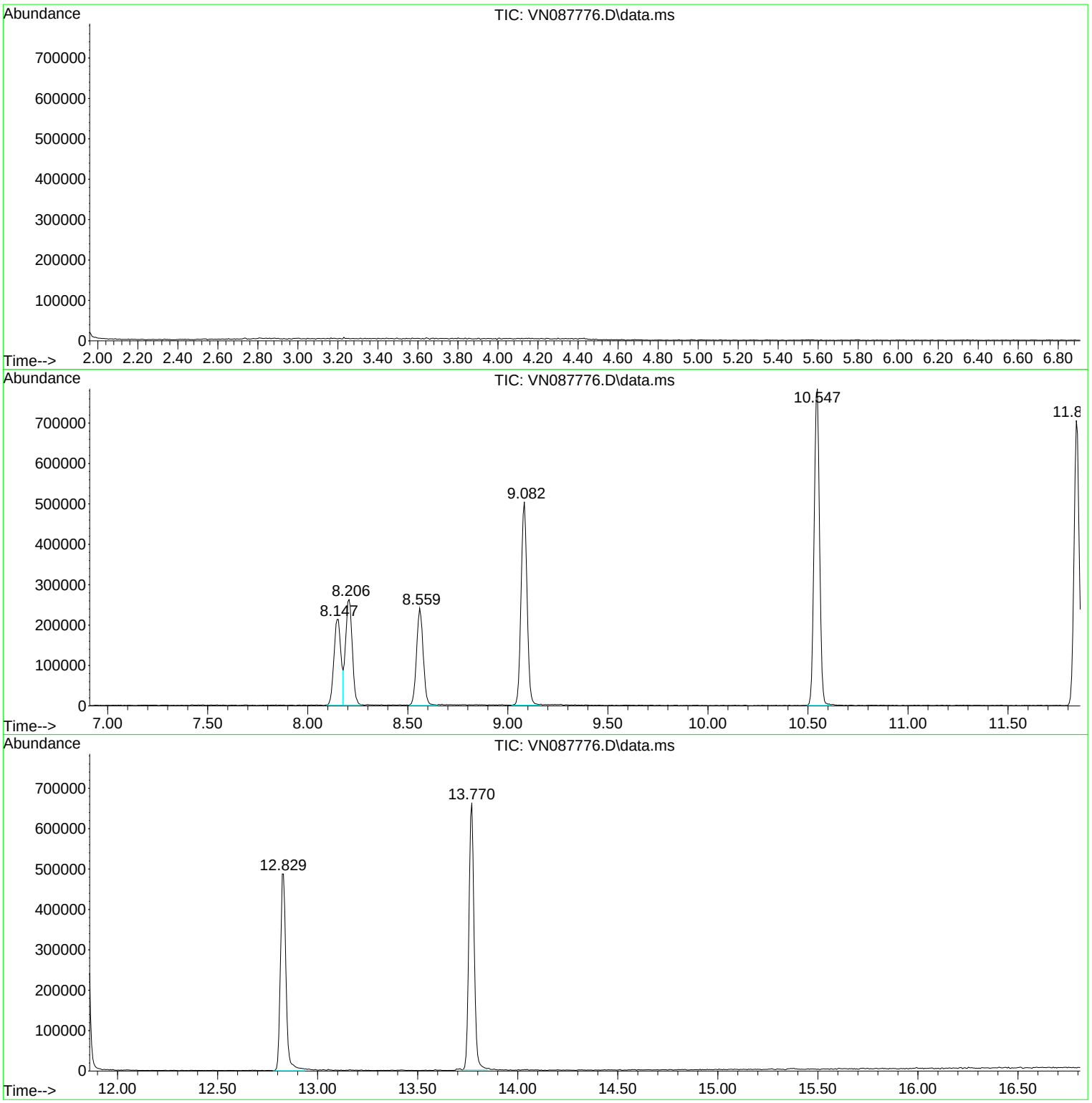
Sample Results: **VN087776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

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

Raw Data: **VN087777.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBS01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087777.D	1	09/10/25 13:29	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	19.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.7		0.26	1.00	ug/L
74-83-9	Bromomethane	21.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.2		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	19.5		0.23	1.00	ug/L
67-64-1	Acetone	97.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.9		1.50	5.00	ug/L
78-93-3	2-Butanone	97.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.5		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.9		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBS01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087777.D	1	09/10/25 13:29	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	21.1		0.15	1.00	ug/L
75-25-2	Bromoform	23.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.1		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3		70 (74) - 130 (125)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	46.1		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	248000	8.206			
540-36-3	1,4-Difluorobenzene	481000	9.083			
3114-55-4	Chlorobenzene-d5	444000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.77			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Buffington			Date Received:	
Client Sample ID:	VN0910WBS01			SDG No.:	Q3058
Lab Sample ID:	VN0910WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087777.D	1	09/10/25 13:29	VN091025

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\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	247948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	481179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	443678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	236791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234962	46.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.500%			
35) Dibromofluoromethane	8.147	113	170515	49.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.547	98	598958	46.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.120%			
62) 4-Bromofluorobenzene	12.829	95	217795	47.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	66905	18.999	ug/l	99
3) Chloromethane	2.383	50	72113	19.926	ug/l	95
4) Vinyl Chloride	2.542	62	82564	19.676	ug/l	98
5) Bromomethane	2.983	94	45461	20.997	ug/l	91
6) Chloroethane	3.142	64	57277	19.421	ug/l	97
7) Trichlorofluoromethane	3.512	101	124353	20.227	ug/l	90
8) Diethyl Ether	3.965	74	54751	20.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	68198	19.605	ug/l	96
10) Methyl Iodide	4.583	142	42240	20.845	ug/l	98
11) Tert butyl alcohol	5.518	59	88895	100.795	ug/l	97
12) 1,1-Dichloroethene	4.342	96	69558	19.458	ug/l	88
13) Acrolein	4.177	56	83930	77.410	ug/l	94
14) Allyl chloride	5.006	41	115073	17.763	ug/l	97
15) Acrylonitrile	5.706	53	249028	100.121	ug/l	99
16) Acetone	4.424	43	268456	97.074	ug/l	98
17) Carbon Disulfide	4.700	76	172758	17.554	ug/l	100
18) Methyl Acetate	5.018	43	137712	23.783	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	263760	19.668	ug/l	97
20) Methylene Chloride	5.271	84	82792	19.952	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73778	19.043	ug/l	98
22) Diisopropyl ether	6.653	45	282609	20.216	ug/l	97
23) Vinyl Acetate	6.589	43	1234043	97.027	ug/l	98
24) 1,1-Dichloroethane	6.553	63	155898	20.339	ug/l	98
25) 2-Butanone	7.465	43	354230	97.360	ug/l	100
26) 2,2-Dichloropropane	7.471	77	127484	19.379	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	91844	19.830	ug/l	99
28) Bromochloromethane	7.794	49	68600	18.513	ug/l	98
29) Tetrahydrofuran	7.824	42	228318	97.510	ug/l	100
30) Chloroform	7.947	83	162362	20.753	ug/l	99
31) Cyclohexane	8.236	56	114288	17.886	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	133678	20.162	ug/l	93
36) 1,1-Dichloropropene	8.359	75	98694	18.518	ug/l	99
37) Ethyl Acetate	7.547	43	144354	19.821	ug/l	99
38) Carbon Tetrachloride	8.341	117	107894	20.504	ug/l	100
39) Methylcyclohexane	9.582	83	102544	17.476	ug/l	97
40) Benzene	8.588	78	323696	19.802	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	77810	20.625	ug/l		96
42) 1,2-Dichloroethane	8.647	62	127177	20.245	ug/l		99
43) Isopropyl Acetate	8.671	43	231457	20.356	ug/l		100
44) Trichloroethene	9.335	130	74553	19.976	ug/l		87
45) 1,2-Dichloropropane	9.594	63	85809	19.914	ug/l		98
46) Dibromomethane	9.688	93	64080	20.898	ug/l		97
47) Bromodichloromethane	9.865	83	133142	21.187	ug/l		97
48) Methyl methacrylate	9.659	41	105144	19.550	ug/l		99
49) 1,4-Dioxane	9.677	88	31057	445.513	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	727298	106.015	ug/l		100
52) Toluene	10.606	92	203676	20.098	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	136007	20.909	ug/l		97
54) cis-1,3-Dichloropropene	10.288	75	136995	20.283	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	84642	21.590	ug/l		97
56) Ethyl methacrylate	10.853	69	123475	19.708	ug/l		96
57) 1,3-Dichloropropane	11.141	76	147355	21.238	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	302321	89.152	ug/l		98
59) 2-Hexanone	11.177	43	468254	107.999	ug/l		98
60) Dibromochloromethane	11.341	129	96636	21.274	ug/l		99
61) 1,2-Dibromoethane	11.447	107	86421	20.906	ug/l		100
64) Tetrachloroethene	11.082	164	59854	19.445	ug/l		96
65) Chlorobenzene	11.871	112	224483	20.337	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	80324	21.920	ug/l		98
67) Ethyl Benzene	11.941	91	384763	20.133	ug/l		95
68) m/p-Xylenes	12.047	106	282361	40.285	ug/l		98
69) o-Xylene	12.376	106	138993	20.235	ug/l		100
70) Styrene	12.388	104	243299	21.143	ug/l		98
71) Bromoform	12.559	173	65248	23.217	ug/l	#	98
73) Isopropylbenzene	12.676	105	356780	18.646	ug/l		100
74) N-amyl acetate	12.518	43	128873m	17.773	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	132478	20.110	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	125262m	22.558	ug/l		
77) Bromobenzene	12.959	156	88727	19.667	ug/l		97
78) n-propylbenzene	13.012	91	456054	19.350	ug/l		100
79) 2-Chlorotoluene	13.100	91	272010	19.178	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	307840	18.965	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	40685	19.397	ug/l		88
82) 4-Chlorotoluene	13.200	91	280156	18.787	ug/l		98
83) tert-Butylbenzene	13.412	119	261058	19.300	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	313317	19.282	ug/l		98
85) sec-Butylbenzene	13.594	105	389426	19.401	ug/l		99
86) p-Isopropyltoluene	13.706	119	324109	19.554	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	178936	20.140	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	182845	19.776	ug/l		99
89) n-Butylbenzene	14.035	91	310752	18.877	ug/l		99
90) Hexachloroethane	14.306	117	66252	20.980	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	170771	20.261	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30727	19.635	ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	96639	19.093	ug/l		100
94) Hexachlorobutadiene	15.476	225	38772	21.487	ug/l		97
95) Naphthalene	15.612	128	337020	18.799	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	96427	19.488	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

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

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

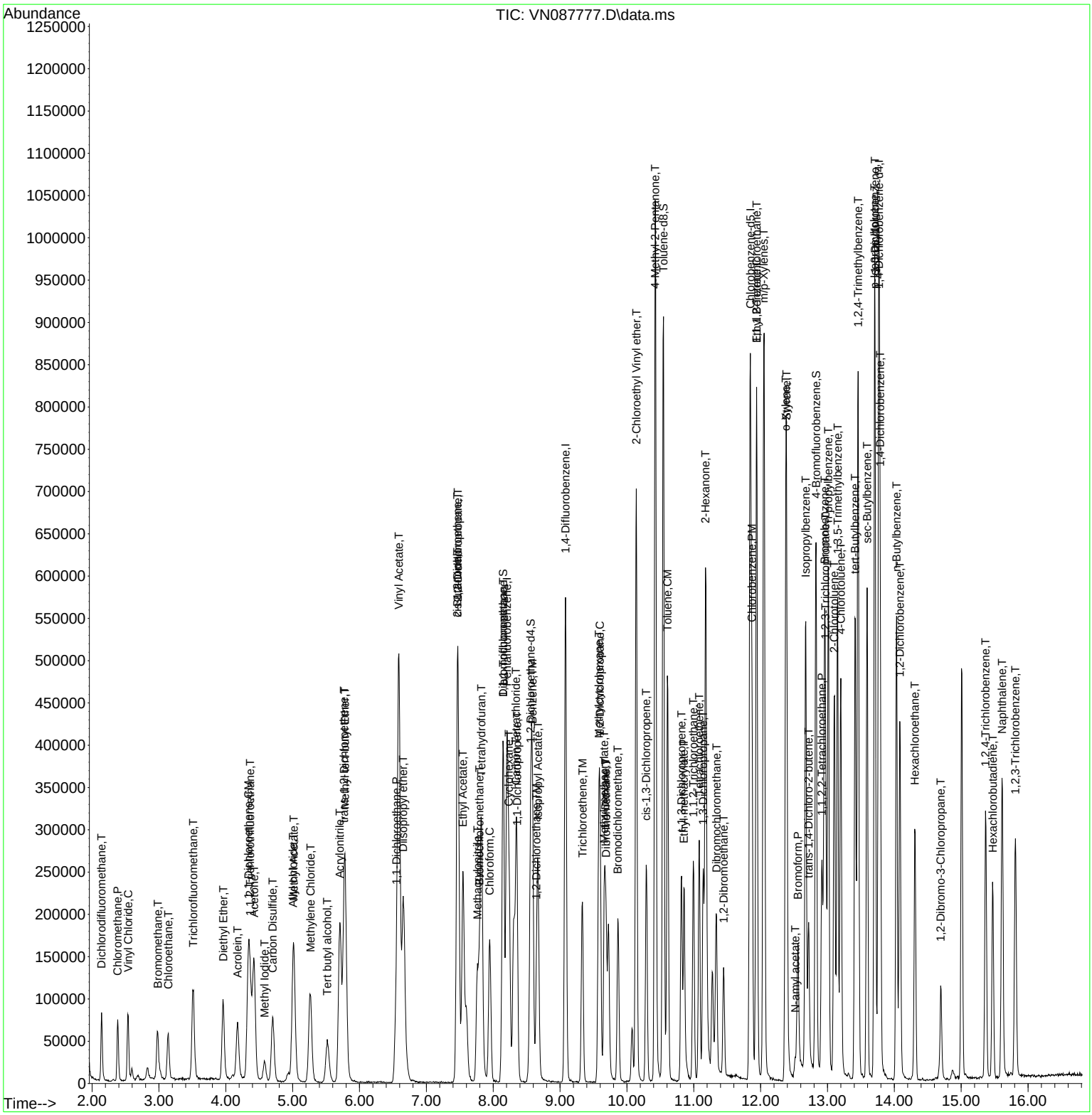
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087777.D
Acq On : 10 Sep 2025 13:29
Operator : JC\MD
Sample : VN0910WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:02:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VN0910WBSD01	SDG No.:	Q3058
Lab Sample ID:	VN0910WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087778.D	1	09/10/25 13:50	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.5		0.22	1.00	ug/L
74-87-3	Chloromethane	20.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	21.3		1.40	5.00	ug/L
75-00-3	Chloroethane	18.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	93.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.0		1.50	5.00	ug/L
78-93-3	2-Butanone	96.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.8		0.22	1.00	ug/L
67-66-3	Chloroform	20.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	21.2		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

Raw Data: **VN087778.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Buffington		Date Received:		
Client Sample ID:	VN0910WBSD01		SDG No.:	Q3058	
Lab Sample ID:	VN0910WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087778.D	1	09/10/25 13:50	VN091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.0		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	21.0		0.15	1.00	ug/L
75-25-2	Bromoform	22.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.1		70 (74) - 130 (125)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	259000	8.206			
540-36-3	1,4-Difluorobenzene	480000	9.083			
3114-55-4	Chlorobenzene-d5	452000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.771			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Buffington			Date Received:	
Client Sample ID:	VN0910WBSD01			SDG No.:	Q3058
Lab Sample ID:	VN0910WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087778.D	1	09/10/25 13:50	VN091025

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\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	258583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	480224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	451507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	236702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	238905	45.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.180%			
35) Dibromofluoromethane	8.147	113	171837	49.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.120%			
50) Toluene-d8	10.547	98	623165	48.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.823	95	216720	46.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	71486	19.465	ug/l	97
3) Chloromethane	2.383	50	75689	20.054	ug/l	97
4) Vinyl Chloride	2.536	62	82893	18.942	ug/l	96
5) Bromomethane	2.983	94	48062	21.285	ug/l	99
6) Chloroethane	3.142	64	57557	18.713	ug/l	100
7) Trichlorofluoromethane	3.512	101	133185	20.773	ug/l	93
8) Diethyl Ether	3.965	74	55136	19.746	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	72141	19.885	ug/l	99
10) Methyl Iodide	4.577	142	50321	22.843	ug/l	93
11) Tert butyl alcohol	5.518	59	89083	96.854	ug/l	99
12) 1,1-Dichloroethene	4.336	96	71585	19.201	ug/l	87
13) Acrolein	4.177	56	87390	77.286	ug/l	97
14) Allyl chloride	5.012	41	116475	17.240	ug/l	97
15) Acrylonitrile	5.706	53	259106	99.888	ug/l	98
16) Acetone	4.418	43	269935	93.594	ug/l	98
17) Carbon Disulfide	4.700	76	174184	16.971	ug/l	98
18) Methyl Acetate	5.018	43	143215	23.716	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	268923	19.228	ug/l	98
20) Methylene Chloride	5.265	84	82321	18.963	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	74353	18.402	ug/l	92
22) Diisopropyl ether	6.659	45	284767	19.532	ug/l	99
23) Vinyl Acetate	6.589	43	1263475	95.256	ug/l	98
24) 1,1-Dichloroethane	6.559	63	151717	18.980	ug/l	99
25) 2-Butanone	7.471	43	366930	96.703	ug/l	99
26) 2,2-Dichloropropane	7.471	77	131518	19.170	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	92241	19.096	ug/l	98
28) Bromochloromethane	7.794	49	68719	17.782	ug/l	100
29) Tetrahydrofuran	7.830	42	234760	96.138	ug/l	99
30) Chloroform	7.947	83	165649	20.302	ug/l	94
31) Cyclohexane	8.241	56	119732	17.967	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	136846	19.791	ug/l	97
36) 1,1-Dichloropropene	8.353	75	100769	18.945	ug/l	98
37) Ethyl Acetate	7.547	43	150409	20.693	ug/l	99
38) Carbon Tetrachloride	8.341	117	112680	21.456	ug/l	93
39) Methylcyclohexane	9.583	83	110999	18.954	ug/l	97
40) Benzene	8.588	78	332807	20.399	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	82456	21.900	ug/l		95
42) 1,2-Dichloroethane	8.653	62	129154	20.601	ug/l		98
43) Isopropyl Acetate	8.677	43	235768	20.776	ug/l		99
44) Trichloroethene	9.330	130	76012	20.407	ug/l		98
45) 1,2-Dichloropropane	9.600	63	85499	19.882	ug/l		98
46) Dibromomethane	9.683	93	64916	21.213	ug/l		98
47) Bromodichloromethane	9.871	83	134925	21.513	ug/l		94
48) Methyl methacrylate	9.665	41	109874	20.470	ug/l		97
49) 1,4-Dioxane	9.671	88	28068	403.436	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.424	43	744444	108.730	ug/l		100
52) Toluene	10.606	92	206022	20.370	ug/l		99
53) t-1,3-Dichloropropene	10.812	75	138171	21.284	ug/l		98
54) cis-1,3-Dichloropropene	10.288	75	141735	21.027	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	86280	22.052	ug/l		96
56) Ethyl methacrylate	10.859	69	130062	20.801	ug/l		97
57) 1,3-Dichloropropane	11.141	76	146172	21.110	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	308927	91.281	ug/l		99
59) 2-Hexanone	11.177	43	481127	111.189	ug/l		98
60) Dibromochloromethane	11.335	129	98766	21.786	ug/l		100
61) 1,2-Dibromoethane	11.447	107	89587	21.715	ug/l		97
64) Tetrachloroethene	11.082	164	61912	19.764	ug/l		94
65) Chlorobenzene	11.871	112	231898	20.645	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.935	131	82123	22.022	ug/l		97
67) Ethyl Benzene	11.941	91	393494	20.232	ug/l		100
68) m/p-Xylenes	12.047	106	299338	41.967	ug/l		95
69) o-Xylene	12.376	106	136754	19.564	ug/l		99
70) Styrene	12.388	104	245673	20.979	ug/l		98
71) Bromoform	12.553	173	64901	22.693	ug/l	#	98
73) Isopropylbenzene	12.671	105	367905	19.235	ug/l		100
74) N-amyl acetate	12.541	43	124884m	17.229	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	140037	21.265	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	120754m	21.754	ug/l		
77) Bromobenzene	12.959	156	90349	20.034	ug/l		98
78) n-propylbenzene	13.012	91	460998	19.567	ug/l		99
79) 2-Chlorotoluene	13.100	91	274914	19.390	ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	316481	19.505	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	40528	19.329	ug/l		90
82) 4-Chlorotoluene	13.200	91	292510	19.623	ug/l		98
83) tert-Butylbenzene	13.412	119	270855	20.032	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	317922	19.573	ug/l		99
85) sec-Butylbenzene	13.594	105	410735	20.470	ug/l		100
86) p-Isopropyltoluene	13.706	119	337508	20.370	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	175185	19.726	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	183301	19.833	ug/l		99
89) n-Butylbenzene	14.035	91	328447	19.960	ug/l		98
90) Hexachloroethane	14.312	117	69127	21.899	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	170592	20.247	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	31540	20.162	ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	99886	19.742	ug/l		99
94) Hexachlorobutadiene	15.470	225	40181	22.276	ug/l		98
95) Naphthalene	15.612	128	344659	19.232	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	98128	19.839	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

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

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

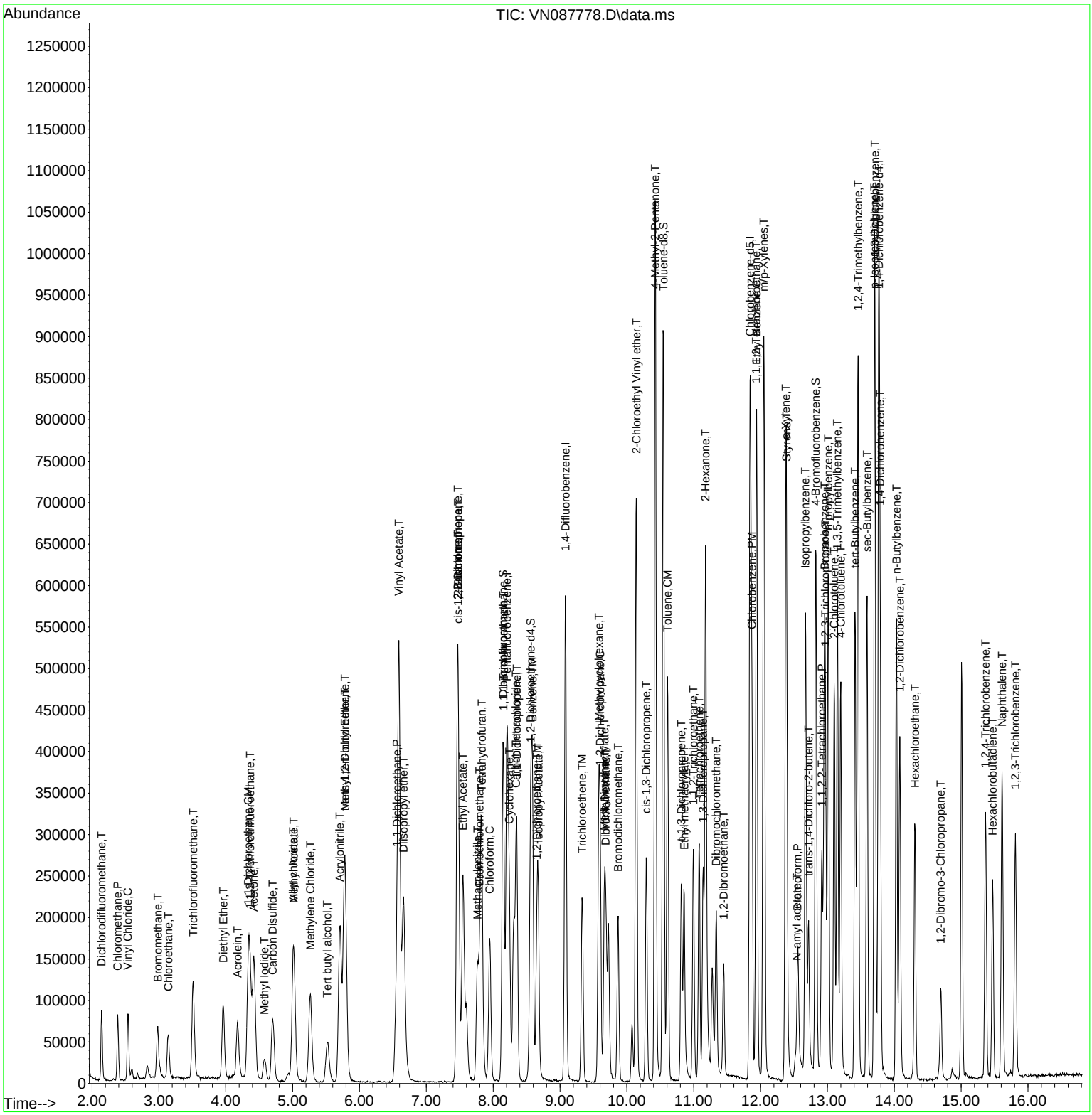
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087778.D
Acq On : 10 Sep 2025 13:50
Operator : JC\MD
Sample : VN0910WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087619.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	1,4-Dichlorobenzene	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Diethyl Ether	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Ethyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Methyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	N-amyl acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	Ethyl Acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	N-amyl acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	N-amyl acetate	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	N-amyl acetate	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087623.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:28 AM	MMDadoda	8/25/2025 8:11:24 AM	Peak Integrated by Software
VSTDICC150	VN087624.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:33 AM	MMDadoda	8/25/2025 8:11:26 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	N-amyl acetate	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN091025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087774.D	1,2,3-Trichloropropane	sam	9/11/2025 9:11:57 AM	MMDadoda	9/11/2025 5:36:45 PM	Peak Integrated by Software
VSTDCCC050	VN087774.D	N-amyl acetate	sam	9/11/2025 9:11:57 AM	MMDadoda	9/11/2025 5:36:45 PM	Peak Integrated by Software
VN0910WBS01	VN087777.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:02 AM	MMDadoda	9/11/2025 5:36:39 PM	Peak Integrated by Software
VN0910WBS01	VN087777.D	N-amyl acetate	sam	9/11/2025 9:12:02 AM	MMDadoda	9/11/2025 5:36:39 PM	Peak Integrated by Software
VN0910WBSD01	VN087778.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:06 AM	MMDadoda	9/11/2025 5:36:36 PM	Peak Integrated by Software
VN0910WBSD01	VN087778.D	N-amyl acetate	sam	9/11/2025 9:12:06 AM	MMDadoda	9/11/2025 5:36:36 PM	Peak Integrated by Software
VSTDCCC050	VN087790.D	1,2,3-Trichloropropane	sam	9/11/2025 9:12:33 AM	MMDadoda	9/11/2025 5:36:15 PM	Peak Integrated by Software
VSTDCCC050	VN087790.D	N-amyl acetate	sam	9/11/2025 9:12:33 AM	MMDadoda	9/11/2025 5:36:15 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 # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087614.D	21 Aug 2025 09:30	JC\MD	Ok
2	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	JC\MD	Not Ok
3	VN0821WBS01	VN087616.D	21 Aug 2025 10:37	JC\MD	Not Ok
4	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11	JC\MD	Not Ok
5	VN0821WBL01	VN087618.D	21 Aug 2025 11:36	JC\MD	Not Ok
6	VSTDICC001	VN087619.D	21 Aug 2025 12:09	JC\MD	Ok,M
7	VSTDICC005	VN087620.D	21 Aug 2025 13:08	JC\MD	Ok,M
8	VSTDICC020	VN087621.D	21 Aug 2025 13:41	JC\MD	Ok,M
9	VSTDICCC050	VN087622.D	21 Aug 2025 14:02	JC\MD	Ok,M
10	VSTDICC100	VN087623.D	21 Aug 2025 14:23	JC\MD	Ok,M
11	VSTDICC150	VN087624.D	21 Aug 2025 14:44	JC\MD	Ok,M
12	IBLK	VN087625.D	21 Aug 2025 15:05	JC\MD	Ok
13	VSTDICV050	VN087626.D	21 Aug 2025 15:47	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 # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM				
SubDirectory	VN091025	HP Acquire Method	MSVOA_N		HP Processing Method	VN082125W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087773.D	10 Sep 2025 11:13	JC\MD	Ok
2	VSTDCCC050	VN087774.D	10 Sep 2025 11:47	JC\MD	Ok,M
3	VN0910MBL01	VN087775.D	10 Sep 2025 12:25	JC\MD	Ok
4	VN0910WBL01	VN087776.D	10 Sep 2025 12:46	JC\MD	Ok
5	VN0910WBS01	VN087777.D	10 Sep 2025 13:29	JC\MD	Ok,M
6	VN0910WBSD01	VN087778.D	10 Sep 2025 13:50	JC\MD	Ok,M
7	Q3045-06	VN087779.D	10 Sep 2025 14:24	JC\MD	Dilution
8	Q3045-06DL	VN087780.D	10 Sep 2025 15:06	JC\MD	Ok
9	VIBLK	VN087781.D	10 Sep 2025 15:26	JC\MD	Ok
10	Q3058-03	VN087782.D	10 Sep 2025 15:47	JC\MD	Ok
11	VIBLK	VN087783.D	10 Sep 2025 16:08	JC\MD	Ok
12	Q3045-05	VN087784.D	10 Sep 2025 16:29	JC\MD	Dilution
13	Q3045-05DL	VN087785.D	10 Sep 2025 16:50	JC\MD	Ok,M
14	Q3045-05DL	VN087786.D	10 Sep 2025 17:11	JC\MD	Not Ok
15	VIBLK	VN087787.D	10 Sep 2025 17:32	JC\MD	Ok
16	PB169608TB	VN087788.D	10 Sep 2025 17:53	JC\MD	Ok,M
17	PB169609TB	VN087789.D	10 Sep 2025 18:14	JC\MD	Ok,M
18	VSTDCCC050	VN087790.D	10 Sep 2025 18:35	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 # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087614.D	21 Aug 2025 09:30		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	Need ICAL	JC\MD	Not Ok
3	VN0821WBS01	VN0821WBS01	VN087616.D	21 Aug 2025 10:37		JC\MD	Not Ok
4	VN0821WBSD01	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11		JC\MD	Not Ok
5	VN0821WBL01	VN0821WBL01	VN087618.D	21 Aug 2025 11:36		JC\MD	Not Ok
6	VSTDICC001	VSTDICC001	VN087619.D	21 Aug 2025 12:09	LR-10,20	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN087620.D	21 Aug 2025 13:08		JC\MD	Ok,M
8	VSTDICC020	VSTDICC020	VN087621.D	21 Aug 2025 13:41	method not used for #N-amyle Acetate	JC\MD	Ok,M
9	VSTDICCC050	VSTDICCC050	VN087622.D	21 Aug 2025 14:02		JC\MD	Ok,M
10	VSTDICC100	VSTDICC100	VN087623.D	21 Aug 2025 14:23		JC\MD	Ok,M
11	VSTDICC150	VSTDICC150	VN087624.D	21 Aug 2025 14:44		JC\MD	Ok,M
12	IBLK	IBLK	VN087625.D	21 Aug 2025 15:05		JC\MD	Ok
13	VSTDICV050	ICVVN082125	VN087626.D	21 Aug 2025 15:47	Icv Failed for Com.# 64 for DOD	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 # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM		
SubDirectory	VN091025	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087773.D	10 Sep 2025 11:13		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087774.D	10 Sep 2025 11:47		JC\MD	Ok,M
3	VN0910MBL01	VN0910MBL01	VN087775.D	10 Sep 2025 12:25		JC\MD	Ok
4	VN0910WBL01	VN0910WBL01	VN087776.D	10 Sep 2025 12:46		JC\MD	Ok
5	VN0910WBS01	VN0910WBS01	VN087777.D	10 Sep 2025 13:29		JC\MD	Ok,M
6	VN0910WBSD01	VN0910WBSD01	VN087778.D	10 Sep 2025 13:50		JC\MD	Ok,M
7	Q3045-06	DNAPL	VN087779.D	10 Sep 2025 14:24	Need 200X,vial A pH# 9	JC\MD	Dilution
8	Q3045-06DL	DNAPLDL	VN087780.D	10 Sep 2025 15:06		JC\MD	Ok
9	VIBLK	VIBLK	VN087781.D	10 Sep 2025 15:26		JC\MD	Ok
10	Q3058-03	MW4	VN087782.D	10 Sep 2025 15:47	vial A pH<2	JC\MD	Ok
11	VIBLK	VIBLK	VN087783.D	10 Sep 2025 16:08		JC\MD	Ok
12	Q3045-05	DNAPL-OIL	VN087784.D	10 Sep 2025 16:29	Need 50X,vial A pH# 5	JC\MD	Dilution
13	Q3045-05DL	DNAPL-OILDL	VN087785.D	10 Sep 2025 16:50		JC\MD	Ok,M
14	Q3045-05DL	DNAPL-OILDL	VN087786.D	10 Sep 2025 17:11	Not required	JC\MD	Not Ok
15	VIBLK	VIBLK	VN087787.D	10 Sep 2025 17:32		JC\MD	Ok
16	PB169608TB	PB169608TB	VN087788.D	10 Sep 2025 17:53	vial A pH# 5	JC\MD	Ok,M
17	PB169609TB	PB169609TB	VN087789.D	10 Sep 2025 18:14	vial A pH# 5	JC\MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VN087790.D	10 Sep 2025 18:35		JC\MD	Ok,M

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 # VN091025

Review By	Mahesh Dadoda	Review On	9/11/2025 5:36:58 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/11/2025 5:39:28 PM		
SubDirectory	VN091025	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135412
Initial Calibration Stds	
CCC	VP135413,VP135414
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/10/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 09/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137118

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3054-01	MH-385	1	1.15	10.82	11.97	10.9	90.1	
Q3054-02	MH-385-EPH	2	1.16	10.52	11.68	10.65	90.2	
Q3054-03	MH-385-VOC	3	1.18	11.15	12.33	11.2	89.9	
Q3054-05	MH-384	4	1.19	10.43	11.62	10.53	89.5	
Q3054-06	MH-384-EPH	5	1.19	10.43	11.62	10.55	89.7	
Q3054-07	MH-384-VOC	6	1.19	10.43	11.62	10.5	89.3	
Q3055-01	OR-03-090925	7	1.14	10.36	11.5	10.61	91.4	
Q3055-02	OR-03-090925-E2	8	1.17	10.33	11.5	10.88	94.0	
Q3056-01	OK-02-090925	9	1.14	10.51	11.65	11.23	96.0	
Q3056-02	OK-02-090925-E2	10	1.19	10.10	11.29	10.62	93.4	
Q3058-01	RPXY5	14	1.19	10.53	11.72	10.11	84.7	
Q3058-02	RPXY4	15	1.17	10.46	11.63	10.16	85.9	
Q3059-01	TR-06-09092025	11	1.12	10.41	11.53	10.77	92.7	
Q3059-02	TR-06-09092025-E2	12	1.18	10.75	11.93	11.07	92.0	
Q3059-02D	TR-06-09092025-E2DUP	13	1.15	10.80	11.95	11.1	92.1	
Q3060-01	TRE-25-0099	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3060-02	TRE-25-0098	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UB 137118

WorkList Name : %1-090925 **WorkList ID :** 191751 **Department :** Wet-Chemistry **Date :** 09-09-2025 08:05:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3054-01	MH-385	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/08/2025	Chemtech -SO
Q3054-02	MH-385-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/08/2025	Chemtech -SO
Q3054-03	MH-385-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/08/2025	Chemtech -SO
Q3054-05	MH-384	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/08/2025	Chemtech -SO
Q3054-06	MH-384-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/09/2025	Chemtech -SO
Q3054-07	MH-384-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/09/2025	Chemtech -SO
Q3055-01	OR-03-090925	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/09/2025	Chemtech -SO
Q3055-02	OR-03-090925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/09/2025	Chemtech -SO
Q3056-01	OK-02-090925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/09/2025	Chemtech -SO
Q3056-02	OK-02-090925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/09/2025	Chemtech -SO
Q3058-01	RPXY5	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/09/2025	Chemtech -SO
Q3058-02	RPXY4	Solid	Percent Solids	Cool 4 deg C	GENV01	J42	09/09/2025	Chemtech -SO
Q3059-01	TR-06-09092025	Solid	Percent Solids	Cool 4 deg C	GENV01	J42	09/09/2025	Chemtech -SO
Q3059-02	TR-06-09092025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/09/2025	Chemtech -SO
Q3060-01	TRE-25-0099	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/09/2025	Chemtech -SO
Q3060-02	TRE-25-0098	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/09/2025	Chemtech -SO

Date/Time 09.09.25 1510

Raw Sample Received by: JD WC

Raw Sample Relinquished by: CP SM

09.09.25

Date/Time 09.09.25 1720

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JD WC

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 3058
COC Number 2047914

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS:
CITY 8 Garrabe STATE NJ ZIP:
ATTENTION: Sue Cusenza
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Buffington
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#
ADDRESS: 8 Garrabe
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 day DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 2 Soil VOCs 3. 4 GW VOCs 5 Soil 6 Sodium, Mn, Fe 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2 Ferric Chl	3	4 VOC	5	6 HNO3	7	8	9
1.	RPXY5	Soil		X	9/3/25	0945	4		X							
2.	RPXY4	Soil		X	9/9/25	1030	4		X							
3.	MW4	GW		X	9/9/25	1215	3				X		X			
4.																
5.																
6.																
7.																
8.																
9.																
10.																

PRESERVATIVES

COMMENTS

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/9/25 1343	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 23 °C
Comments: 12 Gon #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148