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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:	Q2402	**OrderDate:**	6/24/2025 8:13:22 AM
Client:	G Environmental	**Project:**	Pit
Contact:	Gary Landis	**Location:**	A42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2402-01	**OBSI**	**Water**			**06/23/25**			**06/23/25**
			VOCMS Group1	8260-Low			06/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2402

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**OBSI**								
Q2402-01	OBSI	Water	Chloromethane		0.79	J	0.32	1.00	ug/L
Q2402-01	OBSI	Water	Acetone		2.70	J	1.50	5.00	ug/L
Q2402-01	OBSI	Water	Benzene		0.82	J	0.15	1.00	ug/L
Q2402-01	OBSI	Water	Toluene		0.57	J	0.14	1.00	ug/L
Q2402-01	OBSI	Water	m/p-Xylenes		0.48	J	0.24	2.00	ug/L
			Total Voc :		5.36				
Q2402-01	OBSI	Water	1,2,4-Trimethylbenzene	*	0.41	J	0.14	1.00	ug/L
			Total Tics :		0.41				
			Total Concentration:		5.77				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2402

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2402-01	OBSI	1,2-Dichloroethane-d4	50	61.1	122	70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100	70 (75)	130 (124)
		Toluene-d8	50	52.8	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VN0624WBL01	VN0624WBL01	1,2-Dichloroethane-d4	50	56.3	113	70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106	70 (75)	130 (124)
		Toluene-d8	50	53.0	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105	70 (77)	130 (121)
VN0624WBS01	VN0624WBS01	1,2-Dichloroethane-d4	50	52.5	105	70 (74)	130 (125)
		Dibromofluoromethane	50	51.6	103	70 (75)	130 (124)
		Toluene-d8	50	47.1	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)
VN0624WBSD0	VN0624WBSD01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	54.7	109	70 (75)	130 (124)
		Toluene-d8	50	47.6	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.8	102	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2402

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087152.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0624WBS01	Chloromethane	20	17.6	ug/L	88			40 (65)	160 (116)	
	Vinyl chloride	20	19.4	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	16.8	ug/L	84			40 (58)	160 (125)	
	Chloroethane	20	15.2	ug/L	76			40 (56)	160 (128)	
	Tert butyl alcohol	100	94.0	ug/L	94			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.3	ug/L	97			70 (74)	130 (110)	
	Acetone	100	98.7	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	19.4	ug/L	97			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			70 (78)	130 (114)	
	Methylene Chloride	20	19.2	ug/L	96			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			70 (75)	130 (108)	
	1,1-Dichloroethane	20	21.0	ug/L	105			70 (78)	130 (112)	
	2-Butanone	100	98.8	ug/L	99			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.8	ug/L	94			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.5	ug/L	103			70 (77)	130 (110)	
	Chloroform	20	19.5	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			70 (80)	130 (108)	
	Benzene	20	18.0	ug/L	90			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.0	ug/L	100			70 (80)	130 (115)	
	Trichloroethene	20	18.3	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	17.7	ug/L	89			70 (83)	130 (111)	
	Bromodichloromethane	20	19.4	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.6	ug/L	96			40 (74)	160 (118)	
	Toluene	20	18.5	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.6	ug/L	98			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.5	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			70 (83)	130 (112)	
	2-Hexanone	100	85.0	ug/L	85			40 (73)	160 (117)	
	Dibromochloromethane	20	20.2	ug/L	101			70 (82)	130 (110)	
	Tetrachloroethene	20	16.9	ug/L	85			70 (67)	130 (123)	
	Chlorobenzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.2	ug/L	91			70 (83)	130 (109)	
	m/p-Xylenes	40	35.8	ug/L	90			70 (82)	130 (110)	
	o-Xylene	20	18.3	ug/L	92			70 (83)	130 (109)	
	Styrene	20	18.2	ug/L	91			70 (80)	130 (111)	
	Bromoform	20	19.8	ug/L	99			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			70 (76)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2402

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087153.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0624WBSD01	Chloromethane	20	17.0	ug/L	85	3		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	16.8	ug/L	84	14		70 (65)	130 (117)	20 (19)
	Bromomethane	20	15.9	ug/L	79	6		40 (58)	160 (125)	20 (20)
	Chloroethane	20	14.8	ug/L	74	3		40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	100	ug/L	100	6		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	18.8	ug/L	94	3		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	1		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	19.3	ug/L	97	0		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.8	ug/L	104	4		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	20.0	ug/L	100	4		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.3	ug/L	97	3		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	20.3	ug/L	102	3		70 (78)	130 (112)	20 (20)
	2-Butanone	100	100	ug/L	100	1		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.0	ug/L	95	1		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.5	ug/L	98	5		70 (77)	130 (110)	20 (20)
	Chloroform	20	20.2	ug/L	101	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.0	ug/L	95	3		70 (80)	130 (108)	20 (20)
	Benzene	20	19.3	ug/L	97	7		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	21.9	ug/L	110	10		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.1	ug/L	91	1		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.5	ug/L	103	15		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.8	ug/L	104	7		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	14		40 (74)	160 (118)	20 (25)
	Toluene	20	19.3	ug/L	97	4		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.5	ug/L	103	5		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	7		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.6	ug/L	103	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	91.6	ug/L	92	8		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.4	ug/L	102	1		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	17.0	ug/L	85	0		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.9	ug/L	95	2		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.3	ug/L	92	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	36.4	ug/L	91	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	18.2	ug/L	91	1		70 (83)	130 (109)	20 (20)
	Styrene	20	18.5	ug/L	93	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	21.0	ug/L	105	6		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100	6		70 (76)	130 (118)	20 (20)

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0624WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG NO.: Q2402

Lab File ID: VN087150.D Lab Sample ID: VN0624WBL01

Date Analyzed: 06/24/2025 Time Analyzed: 12:44

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
VN0624WBS01	VN0624WBS01	VN087152.D	06/24/2025
VN0624WBSD01	VN0624WBSD01	VN087153.D	06/24/2025
OBSI	Q2402-01	VN087159.D	06/24/2025

COMMENTS:

Raw Data: **VN086861.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG NO.: Q2402

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

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	17.3
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG NO.: Q2402

Lab File ID: VN087148.D BFB Injection Date: 06/24/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:41

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	18
75	30.0 - 60.0% of mass 95	47.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	70.6
175	5.0 - 9.0% of mass 174	5.1 (7.2) 1
176	95.0 - 101.0% of mass 174	67.9 (96.2) 1
177	5.0 - 9.0% of mass 176	4.4 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087149.D	06/24/2025	11:14
VN0624WBL01	VN0624WBL01	VN087150.D	06/24/2025	12:44
VN0624WBS01	VN0624WBS01	VN087152.D	06/24/2025	13:28
VN0624WBSD01	VN0624WBSD01	VN087153.D	06/24/2025	14:01
OBSI	Q2402-01	VN087159.D	06/24/2025	16:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG NO.: Q2402

Lab File ID: VN087149.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_N Time Analyzed: 11:14

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	137487	8.23	272967	9.11	232699	11.87
UPPER LIMIT	274974	8.73	545934	9.606	465398	12.365
LOWER LIMIT	68743.5	7.73	136484	8.606	116350	11.365
EPA SAMPLE NO.						
OBSI	181938	8.23	387109	9.11	336293	11.87
VN0624WBL01	149121	8.23	287883	9.11	275522	11.87
VN0624WBS01	160941	8.23	295023	9.11	279201	11.87
VN0624WBSD01	148340	8.23	264363	9.11	239185	11.87

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG NO.: Q2402

Lab File ID: VN087149.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_N Time Analyzed: 11:14

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

	IS4 AREA #	RT #				
12 HOUR STD	123154	13.788				
UPPER LIMIT	246308	14.288				
LOWER LIMIT	61577	13.288				
EPA SAMPLE NO.						
OBSI	160118	13.79				
VN0624WBL01	132163	13.79				
VN0624WBS01	141896	13.79				
VN0624WBSD01	121327	13.79				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VN087159.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/23/25
Project:	Pit	Date Received:	06/23/25
Client Sample ID:	OBSI	SDG No.:	Q2402
Lab Sample ID:	Q2402-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN087159.D	1		06/24/25 16:11	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.79	J	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	2.70	J	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
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
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
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
71-43-2	Benzene	0.82	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
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.57	J	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
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VN087159.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:	06/23/25	
Project:	Pit		Date Received:	06/23/25	
Client Sample ID:	OBSI		SDG No.:	Q2402	
Lab Sample ID:	Q2402-01		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:	Prep Date	Date Analyzed	Prep Batch ID
VN087159.D	1		06/24/25 16:11	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	0.48	J	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
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.1		70 (74) - 130 (125)	122%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	52.8		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	8.23			
540-36-3	1,4-Difluorobenzene	387000	9.106			
3114-55-4	Chlorobenzene-d5	336000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
95-63-6	1,2,4-Trimethylbenzene	0.41	J		13.5	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\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Quant Time: Jun 25 04:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

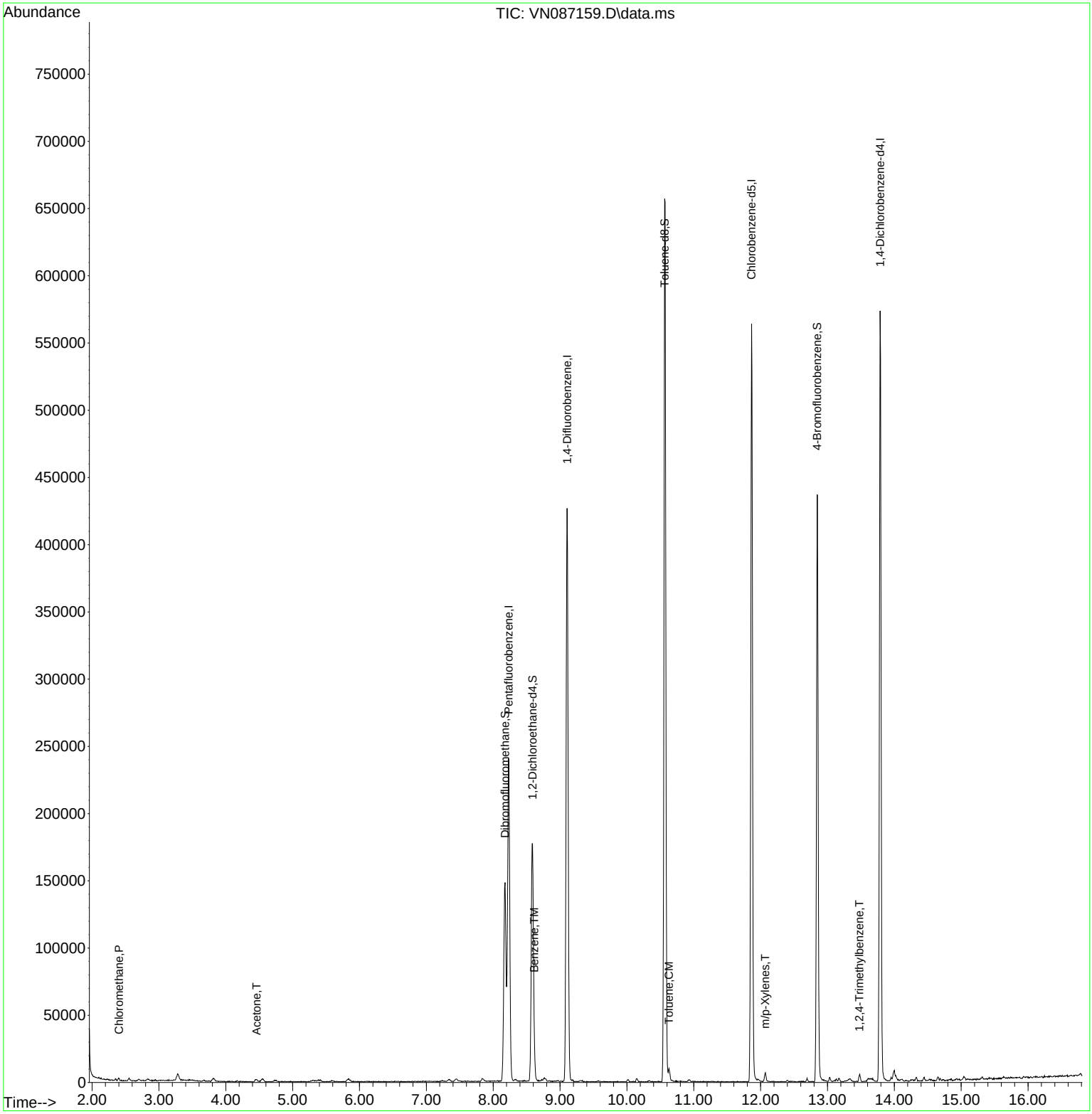
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	181938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	387109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	336293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	148885	61.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.240%			
35) Dibromofluoromethane	8.177	113	115149	50.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	10.565	98	479901	52.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.847	95	166768	49.425	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.860%			
Target Compounds						Qvalue
3) Chloromethane	2.401	50	1849	0.789	ug/l	99
16) Acetone	4.459	43	3501	2.710	ug/l	98
40) Benzene	8.612	78	9158	0.819	ug/l	93
52) Toluene	10.629	92	3923	0.574	ug/l	96
68) m/p-Xylenes	12.070	106	2339	0.478	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	3960	0.410	ug/l	99

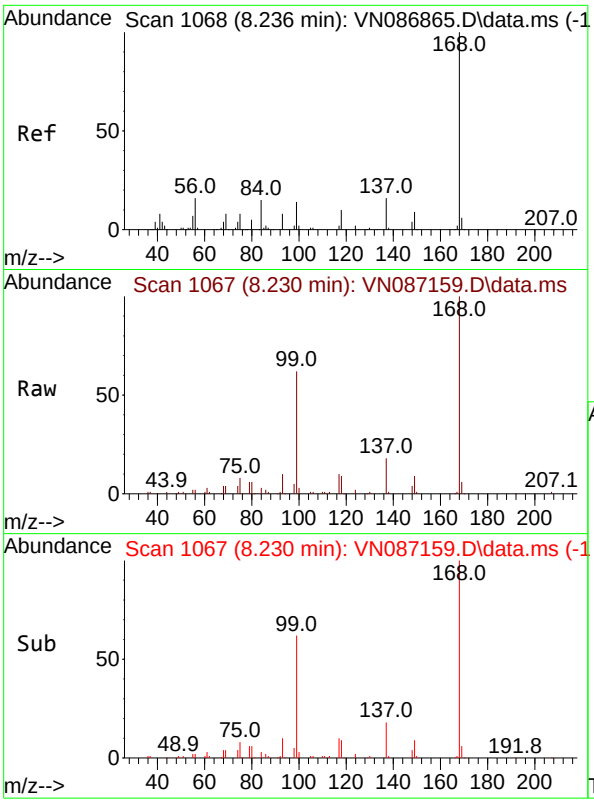
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Quant Time: Jun 25 04:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



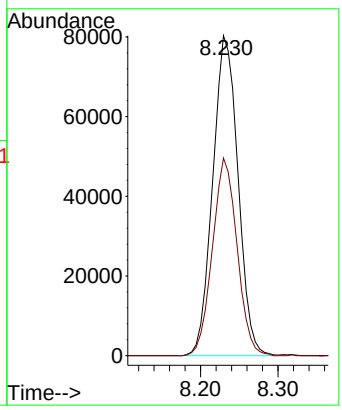


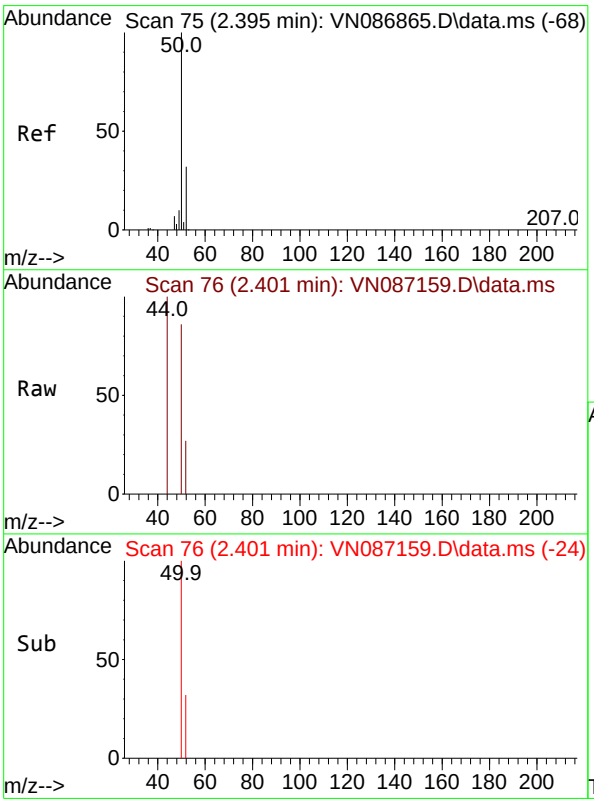
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion:168 Resp: 181938

Ion	Ratio	Lower	Upper
168	100		
99	61.7	49.1	73.7

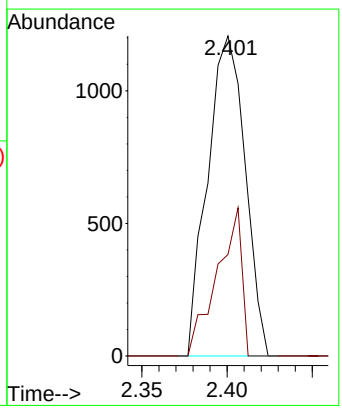


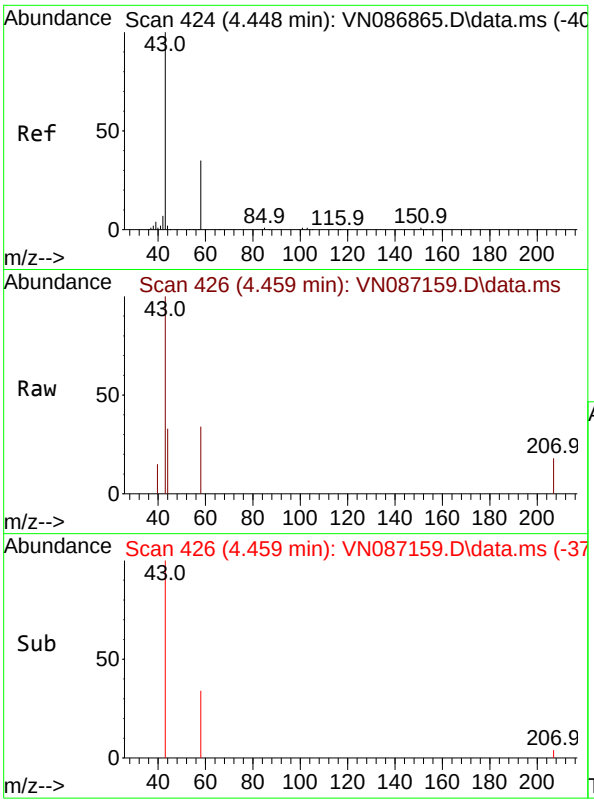


#3
Chloromethane
Concen: 0.789 ug/l
RT: 2.401 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion: 50 Resp: 1849

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.7	38.5



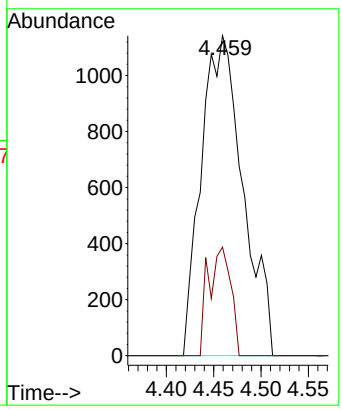


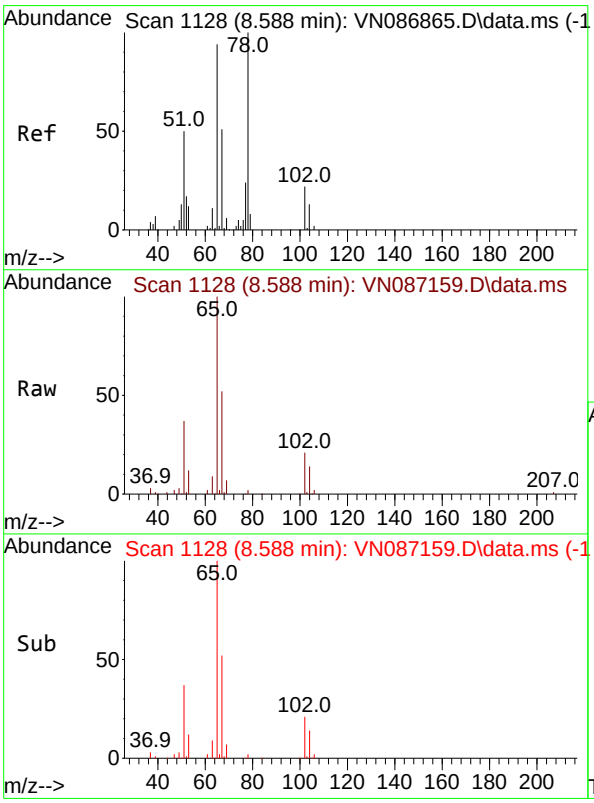
#16
Acetone
Concen: 2.710 ug/l
RT: 4.459 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion: 43 Resp: 3501

Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.0	42.0

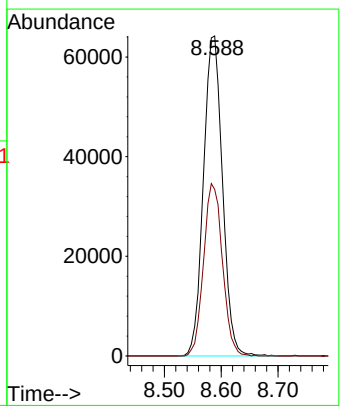


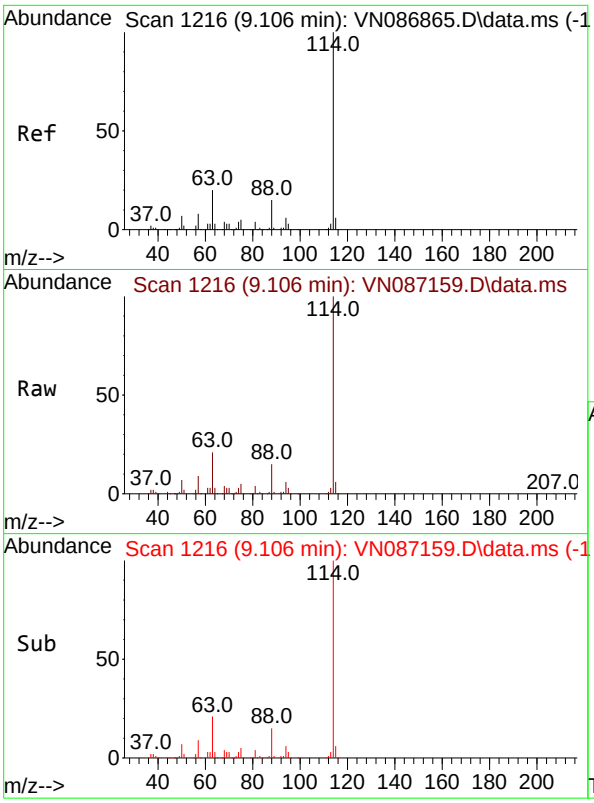


#33
1,2-Dichloroethane-d4
Concen: 61.120 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion: 65 Resp: 148885

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.6



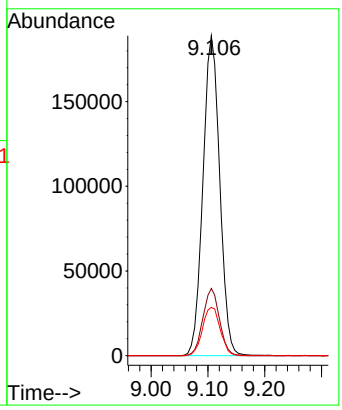


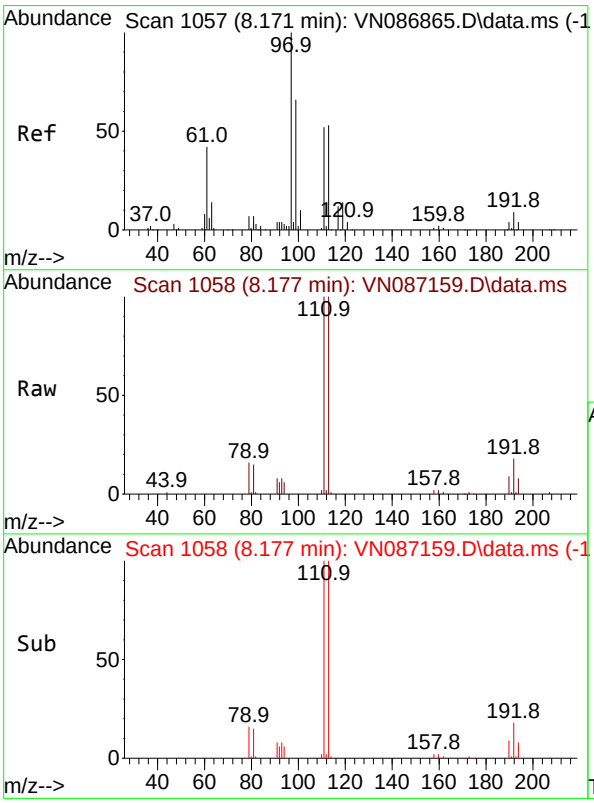
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion:114 Resp: 387109

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.6
88	15.1	0.0	30.2

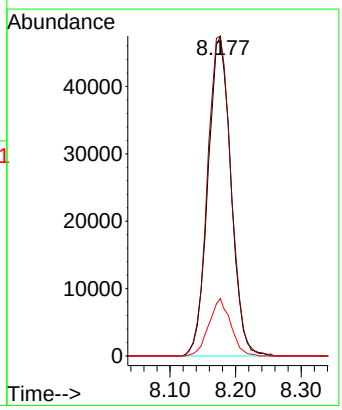


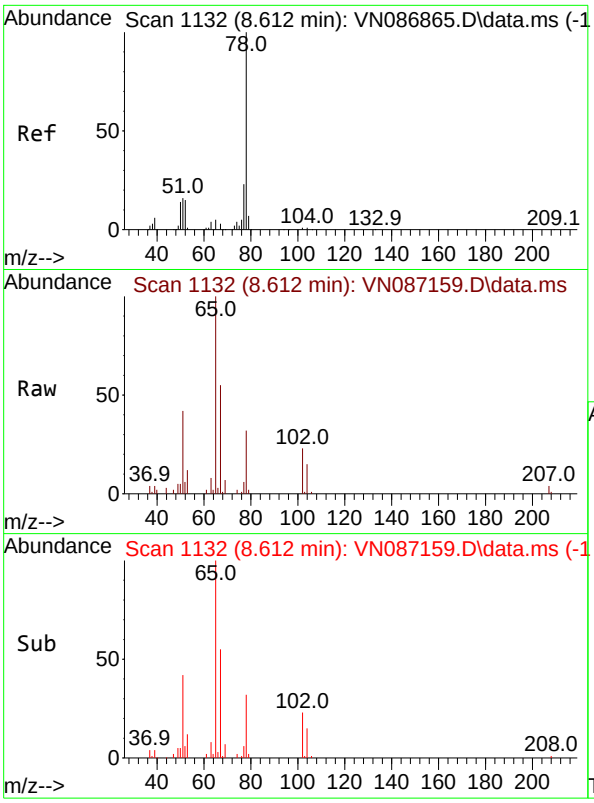


#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion:113 Resp: 115149

Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	17.1	14.2	21.4



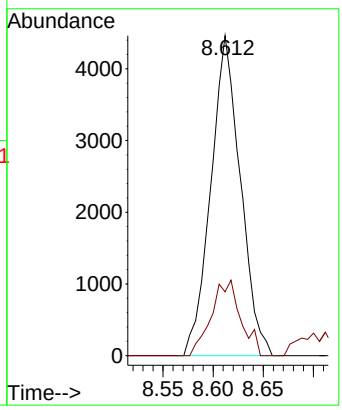


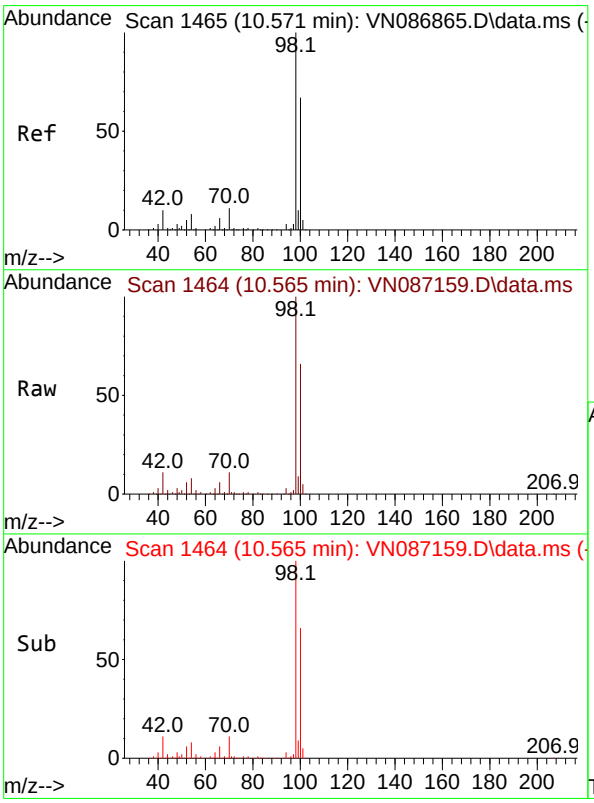
#40
Benzene
Concen: 0.819 ug/l
RT: 8.612 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion: 78 Resp: 9158

Ion	Ratio	Lower	Upper
78	100		
77	20.0	18.7	28.1

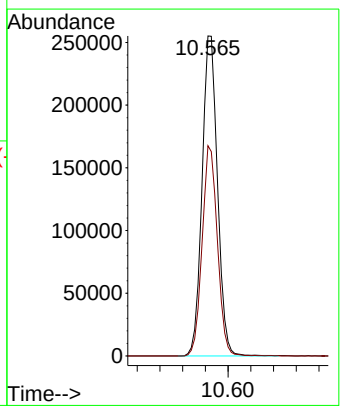


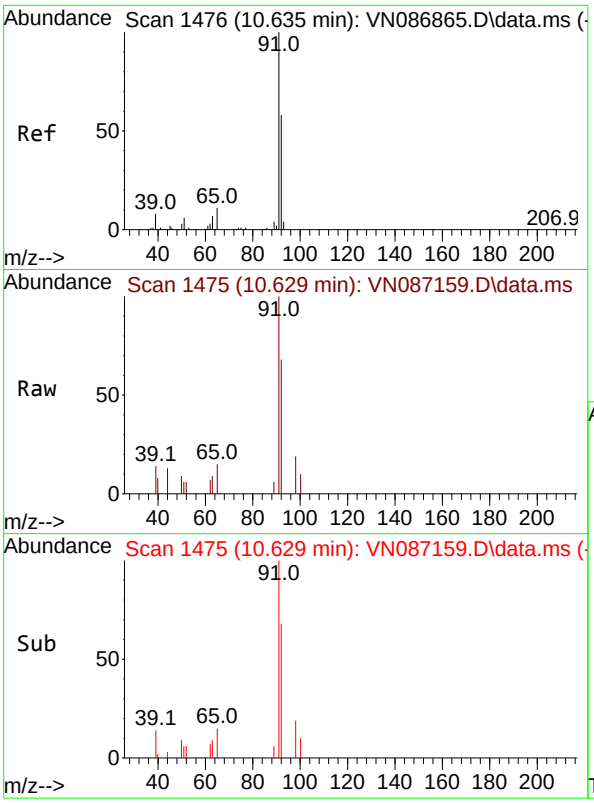


#50
Toluene-d8
Concen: 52.842 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion: 98 Resp: 479901

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.4	80.0



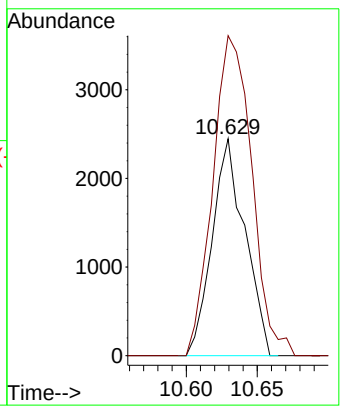


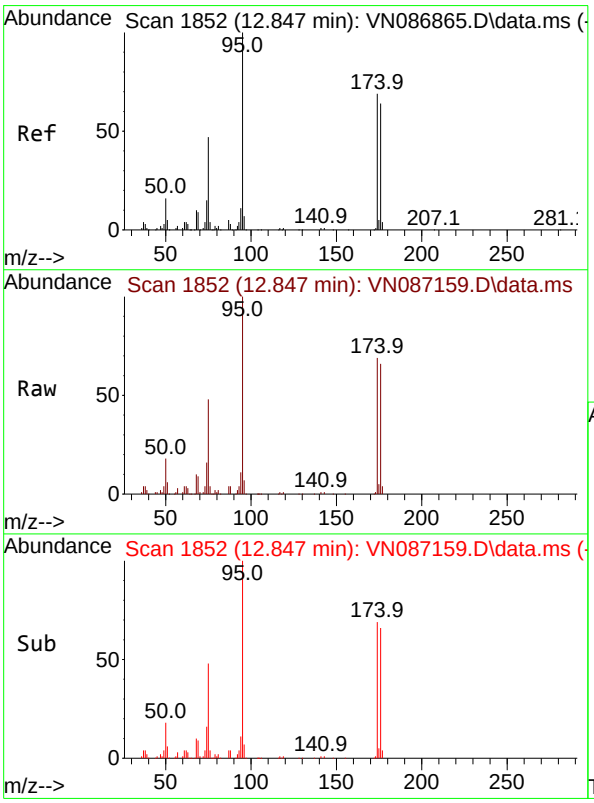
#52
Toluene
Concen: 0.574 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion: 92 Resp: 3923

Ion	Ratio	Lower	Upper
92	100		
91	175.9	136.5	204.7

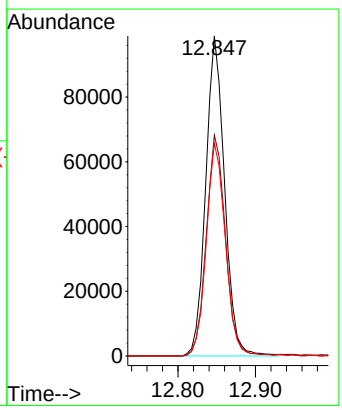


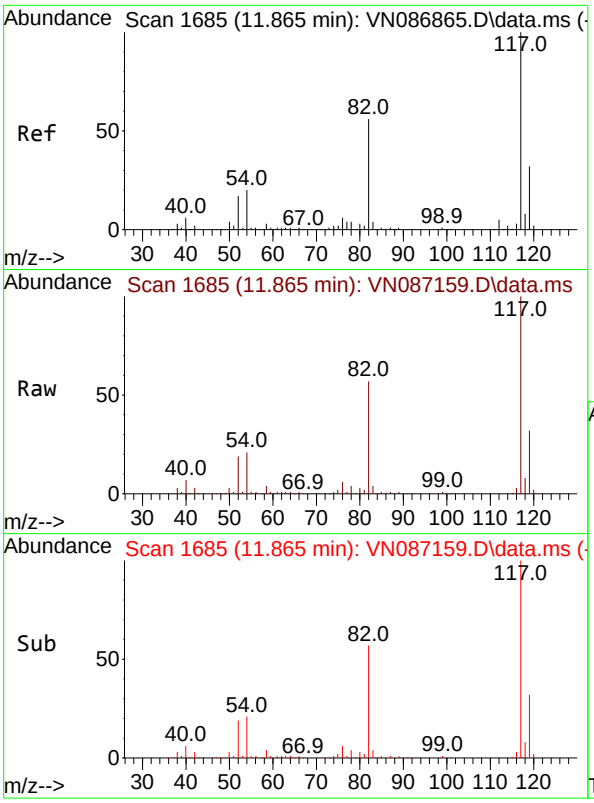


#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion: 95 Resp: 166768

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	141.8
176	67.5	0.0	132.6



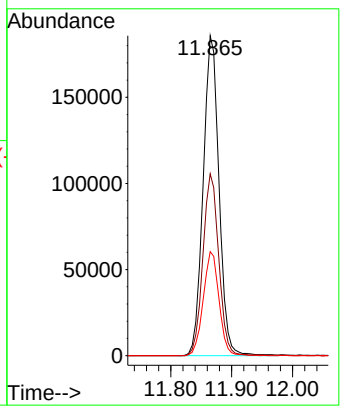


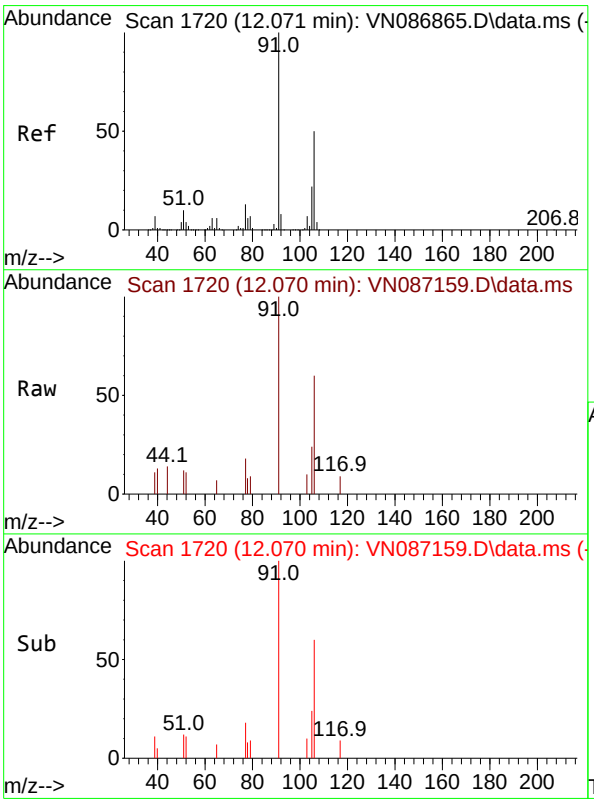
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion:117 Resp: 336293

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	67.0
119	32.5	25.5	38.3

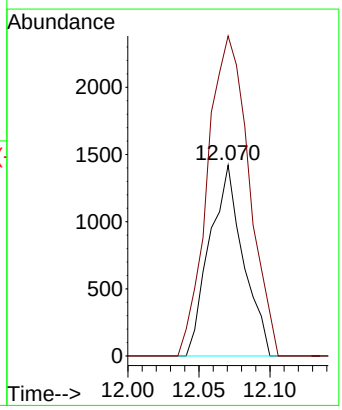


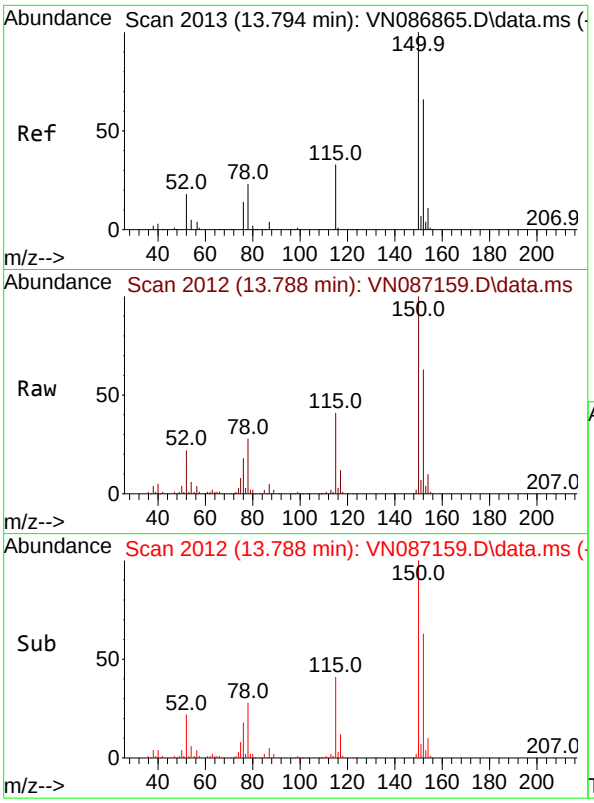


#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion:106 Resp: 2339

Ion	Ratio	Lower	Upper
106	100		
91	206.9	159.4	239.0



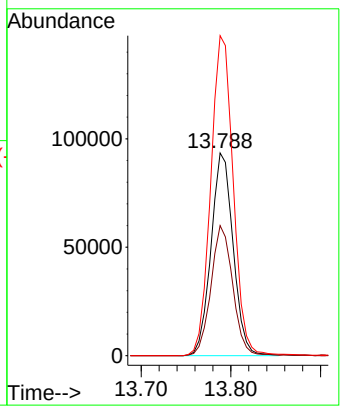


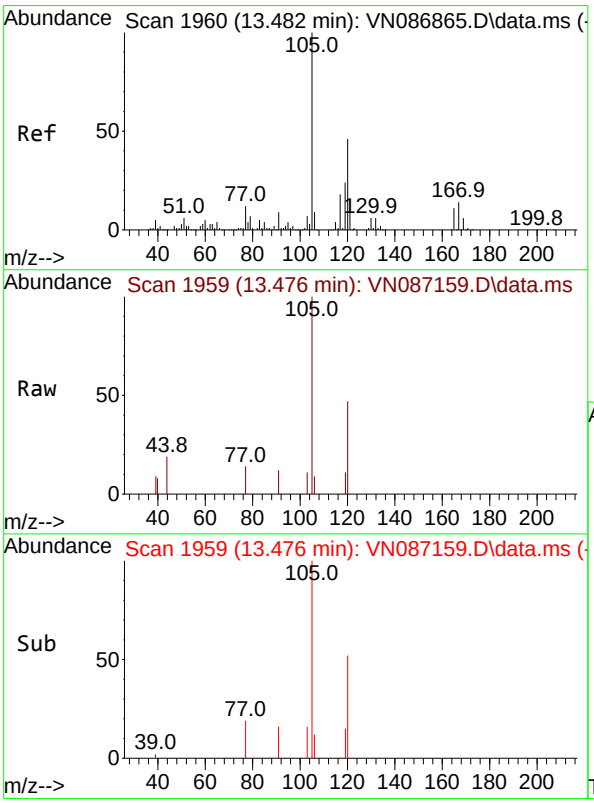
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Tgt Ion:152 Resp: 160118

Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.1	90.5
150	160.5	0.0	345.0

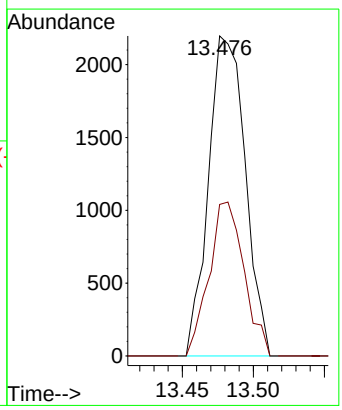




#84
1,2,4-Trimethylbenzene
Concen: 0.410 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087159.D
Acq: 24 Jun 2025 16:11

Tgt Ion:105 Resp: 3960

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.2	69.6



Sample Results: **VN087159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

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\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087159.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.277	219	225	234	rVB3	5106	12973	1.05%	0.208%
2	8.177	1048	1058	1062	rBV	147751	355107	28.70%	5.691%
3	8.230	1062	1067	1079	rVB	239873	542865	43.88%	8.701%
4	8.588	1118	1128	1142	rVB	176665	425109	34.36%	6.813%
5	9.106	1205	1216	1227	rBV	426476	886396	71.65%	14.206%
6	10.565	1456	1464	1473	rBV	656642	1237191	100.00%	19.828%
7	10.629	1473	1475	1481	rVB	9019	12778	1.03%	0.205%
8	11.865	1677	1685	1699	rBV	563532	1014777	82.02%	16.264%
9	12.847	1844	1852	1865	rBV	436746	749618	60.59%	12.014%
10	13.788	2004	2012	2023	rBV	573081	984913	79.61%	15.785%
11	14.000	2042	2048	2057	rVB5	7336	17739	1.43%	0.284%

Sum of corrected areas: 6239466

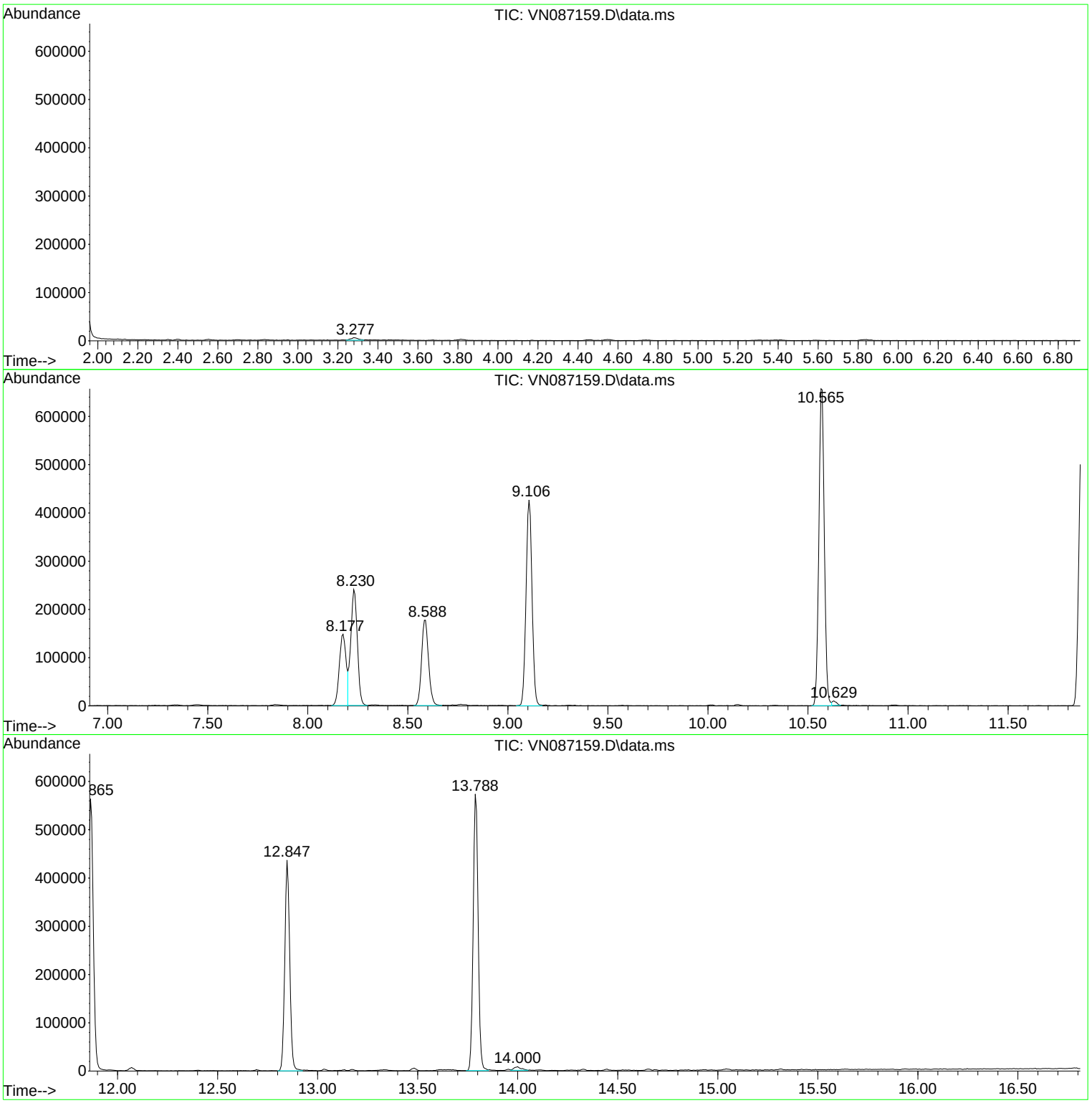
Sample Results: **VN087159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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\VN062425\
Data File : VN087159.D
Acq On : 24 Jun 2025 16:11
Operator : JC\MD
Sample : Q2402-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OBSI

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG No.: Q2402

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Tert butyl alcohol		0.192	0.194	0.176	0.180	0.166	0.182	6.4
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG No.: Q2402

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* 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 : 82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025
Response Via : Initial Calibration

Calibration Files
1 =VN086862.D 5 =VN086863.D 20 =VN086864.D 50 =VN086865.D 100 =VN086866.D 150 =VN086867.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.51
3)	P	Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.85
4)	C	Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.49#
5)	T	Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.57
6)	T	Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.37
7)	T	Trichlorofluor...	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.93
8)	T	Diethyl Ether	0.372	0.397	0.383	0.363	0.384	0.369	0.378	3.28
9)	T	1,1,2-Trichlor...	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.83
10)	T	Methyl Iodide		0.720	0.729	0.683	0.722	0.679	0.707	3.35
11)	T	Tert butyl alc...		0.192	0.194	0.176	0.180	0.166	0.182	6.37
12)	CM	1,1-Dichloroet...	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.44#
13)	T	Acrolein		0.073	0.051	0.045	0.052	0.066	0.057	20.26
14)	T	Allyl chloride	0.985	0.911	0.925	0.865	0.905	0.947	0.923	4.40
15)	T	Acrylonitrile	0.434	0.434	0.445	0.407	0.423	0.404	0.425	3.82
16)	T	Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.53
17)	T	Carbon Disulfide	1.718	1.621	1.542	1.426	1.496	1.433	1.539	7.38
18)	T	Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.10
19)	T	Methyl tert-bu...	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.69
20)	T	Methylene Chlo...	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.52
21)	T	trans-1,2-Dich...	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.25
22)	T	Diisopropyl ether	2.018	2.020	2.036	1.856	1.915	1.828	1.945	4.70
23)	T	Vinyl Acetate	1.743	1.692	1.715	1.591	1.604	1.517	1.644	5.29
24)	P	1,1-Dichloroet...	1.192	1.152	1.156	1.063	1.110	1.043	1.120	5.17
25)	T	2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.18
26)	T	2,2-Dichloropr...	0.967	0.796	0.778	0.905	0.912	0.868	0.871	8.32
27)	T	cis-1,2-Dichlo...	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.93
28)	T	Bromochloromet...	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.48
29)	T	Tetrahydrofuran	0.390	0.390	0.399	0.358	0.372	0.346	0.376	5.46
30)	C	Chloroform	1.235	1.151	1.145	1.061	1.085	1.030	1.118	6.66#
31)	T	Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.21
32)	T	1,1,1-Trichlor...	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.88
33)	S	1,2-Dichloroet...		0.732	0.707	0.500	0.656	0.751	0.669	15.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.303	0.310	0.219	0.298	0.351	0.296	16.15
36)	T	1,1-Dichloropr...	0.467	0.458	0.438	0.418	0.442	0.426	0.442	4.23
37)	T	Ethyl Acetate	0.544	0.615	0.577	0.536	0.565	0.535	0.562	5.48
38)	T	Carbon Tetrach...	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.88
39)	T	Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.75
40)	TM	Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.20
41)	T	Methacrylonitrile	0.356	0.319	0.318	0.303	0.299	0.299	0.316	6.84
42)	TM	1,2-Dichloroet...	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.60
43)	T	Isopropyl Acetate	0.975	0.950	0.906	0.852	0.884	0.845	0.902	5.79
44)	TM	Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.327	0.342	4.17
45)	C	1,2-Dichloropr...	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.40#
46)	T	Dibromomethane	0.233	0.242	0.241	0.221	0.237	0.226	0.233	3.54
47)	T	Bromodichlorom...	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.80
48)	T	Methyl methacr...	0.444	0.415	0.421	0.394	0.421	0.397	0.415	4.40
49)	T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.008	9.40
50)	S	Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.23
51)	T	4-Methyl-2-Pen...	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.64
52)	CM	Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.61#
53)	T	t-1,3-Dichloro...	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.59
54)	T	cis-1,3-Dichlo...	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.61
55)	T	1,1,2-Trichlor...	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.66
56)	T	Ethyl methacry...	0.433	0.516	0.567	0.556	0.595	0.578	0.541	10.92

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060625W.M

57)	T	1,3-Dichloropr...	0.643	0.600	0.587	0.561	0.583	0.559	0.589	5.27
58)	T	2-Chloroethyl ...	0.278	0.305	0.334	0.274	0.340	0.405	0.323	15.07
59)	T	2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.36
60)	T	Dibromochlorom...	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.49
61)	T	1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.18
62)	S	4-Bromofluorob...		0.441	0.446	0.325	0.446	0.521	0.436	16.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.51
65)	PM	Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7.01
66)	T	1,1,1,2-Tetrac...	0.362	0.374	0.358	0.338	0.356	0.338	0.354	3.99
67)	C	Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.899	4.19#
68)	T	m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.82
69)	T	o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.42
70)	T	Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.51
71)	P	Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.09
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.21
74)	T	N-amyl acetate	1.376	1.110	1.187	1.266	1.372	1.327	1.273	8.42
75)	P	1,1,2,2-Tetrac...	1.292	1.299	1.273	1.178	1.205	1.157	1.234	4.99
76)	T	1,2,3-Trichlor...	1.297	1.189	1.129	1.173	1.201	1.142	1.189	5.03
77)	T	Bromobenzene	0.870	0.855	0.840	0.790	0.838	0.819	0.835	3.36
78)	T	n-propylbenzene	4.530	4.627	4.449	4.211	4.424	4.317	4.427	3.35
79)	T	2-Chlorotoluene	2.852	2.723	2.674	2.507	2.618	2.554	2.655	4.69
80)	T	1,3,5-Trimethy...	3.004	3.091	3.035	2.898	3.064	2.953	3.007	2.39
81)	T	trans-1,4-Dich...		0.510	0.522	0.476	0.546	0.528	0.516	5.06
82)	T	4-Chlorotoluene	2.899	2.757	2.671	2.531	2.664	2.595	2.686	4.81
83)	T	tert-Butylbenzene	2.942	2.810	2.736	2.617	2.745	2.668	2.753	4.14
84)	T	1,2,4-Trimethy...	2.952	3.122	3.063	2.914	3.075	2.968	3.016	2.73
85)	T	sec-Butylbenzene	4.114	4.126	4.037	3.829	4.018	3.861	3.998	3.15
86)	T	p-Isopropyltol...	3.305	3.425	3.321	3.184	3.366	3.227	3.305	2.68
87)	T	1,3-Dichlorobe...	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5.01
88)	T	1,4-Dichlorobe...	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.27
89)	T	n-Butylbenzene	3.473	3.292	3.140	3.059	3.188	3.054	3.201	4.99
90)	T	Hexachloroethane	0.580	0.537	0.569	0.537	0.577	0.562	0.560	3.43
91)	T	1,2-Dichlorobe...	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.77
92)	T	1,2-Dibromo-3-...	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.29
93)	T	1,2,4-Trichlor...	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.82
94)	T	Hexachlorobuta...	0.364	0.391	0.385	0.363	0.382	0.369	0.376	3.11
95)	T	Naphthalene	3.820	3.727	3.761	3.600	3.839	3.772	3.753	2.27
96)	T	1,2,3-Trichlor...	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4.05

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.235	168	212682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.106	114	393457	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	348010	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167399	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	2.153	85	1985	0.936	ug/l		72
3) Chloromethane	2.400	50	3241	1.184	ug/l		98
4) Vinyl Chloride	2.559	62	2848	1.008	ug/l	#	88
6) Chloroethane	3.159	64	1957	1.073	ug/l	#	79
7) Trichlorofluoromethane	3.530	101	3752	1.017	ug/l		97
8) Diethyl Ether	3.994	74	1583	0.984	ug/l		76
9) 1,1,2-Trichlorotrifluo...	4.377	101	2358m	1.017	ug/l		
12) 1,1-Dichloroethene	4.365	96	2436	1.029	ug/l		85
14) Allyl chloride	5.041	41	4189	1.067	ug/l	#	75
15) Acrylonitrile	5.735	53	9222	5.106	ug/l		96
16) Acetone	4.459	43	9069	6.006	ug/l		95
17) Carbon Disulfide	4.730	76	7306	1.116	ug/l		97
18) Methyl Acetate	5.053	43	4402	1.000	ug/l	#	66
19) Methyl tert-butyl Ether	5.824	73	9019	1.052	ug/l		92
20) Methylene Chloride	5.294	84	3496	1.237	ug/l		93
21) trans-1,2-Dichloroethene	5.800	96	2979	1.131	ug/l		87
22) Diisopropyl ether	6.682	45	8584	1.037	ug/l	#	96
23) Vinyl Acetate	6.618	43	37075	5.303	ug/l		95
24) 1,1-Dichloroethane	6.588	63	5071	1.065	ug/l	#	81
25) 2-Butanone	7.500	43	12841	5.231	ug/l		93
26) 2,2-Dichloropropane	7.500	77	4112	1.110	ug/l		94
27) cis-1,2-Dichloroethene	7.494	96	3345	1.062	ug/l		95
28) Bromochloromethane	7.824	49	2464	1.052	ug/l	#	88
29) Tetrahydrofuran	7.853	42	8301	5.191	ug/l		100
30) Chloroform	7.971	83	5255	1.105	ug/l		97
32) 1,1,1-Trichloroethane	8.171	97	4378	1.082	ug/l	#	50
36) 1,1-Dichloropropene	8.376	75	3678	1.059	ug/l		96
37) Ethyl Acetate	7.577	43	4282	0.968	ug/l	#	78
38) Carbon Tetrachloride	8.376	117	3563	1.045	ug/l	#	93
39) Methylcyclohexane	9.606	83	4981	1.046	ug/l	#	90
40) Benzene	8.612	78	12498	1.100	ug/l		100
41) Methacrylonitrile	7.782	41	2799	1.127	ug/l		89
42) 1,2-Dichloroethane	8.682	62	3725	1.081	ug/l		82
43) Isopropyl Acetate	8.694	43	7673	1.081	ug/l	#	96
44) Trichloroethene	9.365	130	2822	1.047	ug/l		71
45) 1,2-Dichloropropane	9.629	63	2883	1.043	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	Dibromomethane	9.712	93	1835	0.999	ug/l		94
47)	Bromodichloromethane	9.888	83	4017	1.063	ug/l	#	96
48)	Methyl methacrylate	9.688	41	3492	1.069	ug/l		88
49)	1,4-Dioxane	9.706	88	1004	16.891	ug/l	#	74
51)	4-Methyl-2-Pentanone	10.453	43	19886	4.653	ug/l		99
52)	Toluene	10.635	92	7227	1.041	ug/l		95
53)	t-1,3-Dichloropropene	10.841	75	4494	1.064	ug/l		97
54)	cis-1,3-Dichloropropene	10.312	75	4792	1.060	ug/l		97
55)	1,1,2-Trichloroethane	11.023	97	2828	1.058	ug/l		89
56)	Ethyl methacrylate	10.882	69	3406	0.800	ug/l	#	85
57)	1,3-Dichloropropane	11.170	76	5062	1.092	ug/l		98
58)	2-Chloroethyl Vinyl ether	10.165	63	10924	4.304	ug/l		97
59)	2-Hexanone	11.235	43	12295m	4.466	ug/l		
60)	Dibromochloromethane	11.359	129	2843	1.021	ug/l		96
61)	1,2-Dibromoethane	11.470	107	2777	1.014	ug/l		96
64)	Tetrachloroethene	11.106	164	2473	1.123	ug/l		94
65)	Chlorobenzene	11.894	112	8581	1.118	ug/l	#	87
66)	1,1,1,2-Tetrachloroethane	11.959	131	2523	1.023	ug/l	#	63
67)	Ethyl Benzene	11.970	91	13845	1.047	ug/l		94
68)	m/p-Xylenes	12.070	106	10163	2.008	ug/l		95
69)	o-Xylene	12.400	106	4970	1.025	ug/l		93
70)	Styrene	12.417	104	8189	0.987	ug/l		98
71)	Bromoform	12.582	173	1508	0.825	ug/l	#	78
73)	Isopropylbenzene	12.694	105	12938	1.061	ug/l		98
74)	N-amyl acetate	12.647	43	4608m	1.138	ug/l		
75)	1,1,2,2-Tetrachloroethane	12.935	83	4326	1.047	ug/l	#	93
76)	1,2,3-Trichloropropane	13.000	75	4343m	1.088	ug/l		
77)	Bromobenzene	12.982	156	2913	1.042	ug/l		96
78)	n-propylbenzene	13.035	91	15168	1.023	ug/l		98
79)	2-Chlorotoluene	13.123	91	9550	1.074	ug/l		97
80)	1,3,5-Trimethylbenzene	13.170	105	10058	0.999	ug/l		96
82)	4-Chlorotoluene	13.223	91	9706	1.079	ug/l		96
83)	tert-Butylbenzene	13.435	119	9849	1.069	ug/l		98
84)	1,2,4-Trimethylbenzene	13.482	105	9882	0.979	ug/l		99
85)	sec-Butylbenzene	13.617	105	13775	1.029	ug/l		100
86)	p-Isopropyltoluene	13.729	119	11065	1.000	ug/l		97
87)	1,3-Dichlorobenzene	13.735	146	5903	1.073	ug/l		94
88)	1,4-Dichlorobenzene	13.811	146	6094m	1.086	ug/l		
89)	n-Butylbenzene	14.058	91	11627	1.085	ug/l		94
90)	Hexachloroethane	14.329	117	1942	1.036	ug/l		93
91)	1,2-Dichlorobenzene	14.106	146	5607	1.061	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.717	75	1136	1.150	ug/l		78
93)	1,2,4-Trichlorobenzene	15.388	180	3489	1.034	ug/l		98
94)	Hexachlorobutadiene	15.500	225	1219	0.969	ug/l		88
95)	Naphthalene	15.635	128	12789	1.018	ug/l		98
96)	1,2,3-Trichlorobenzene	15.835	180	3594	1.072	ug/l		96

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

ICAL Form

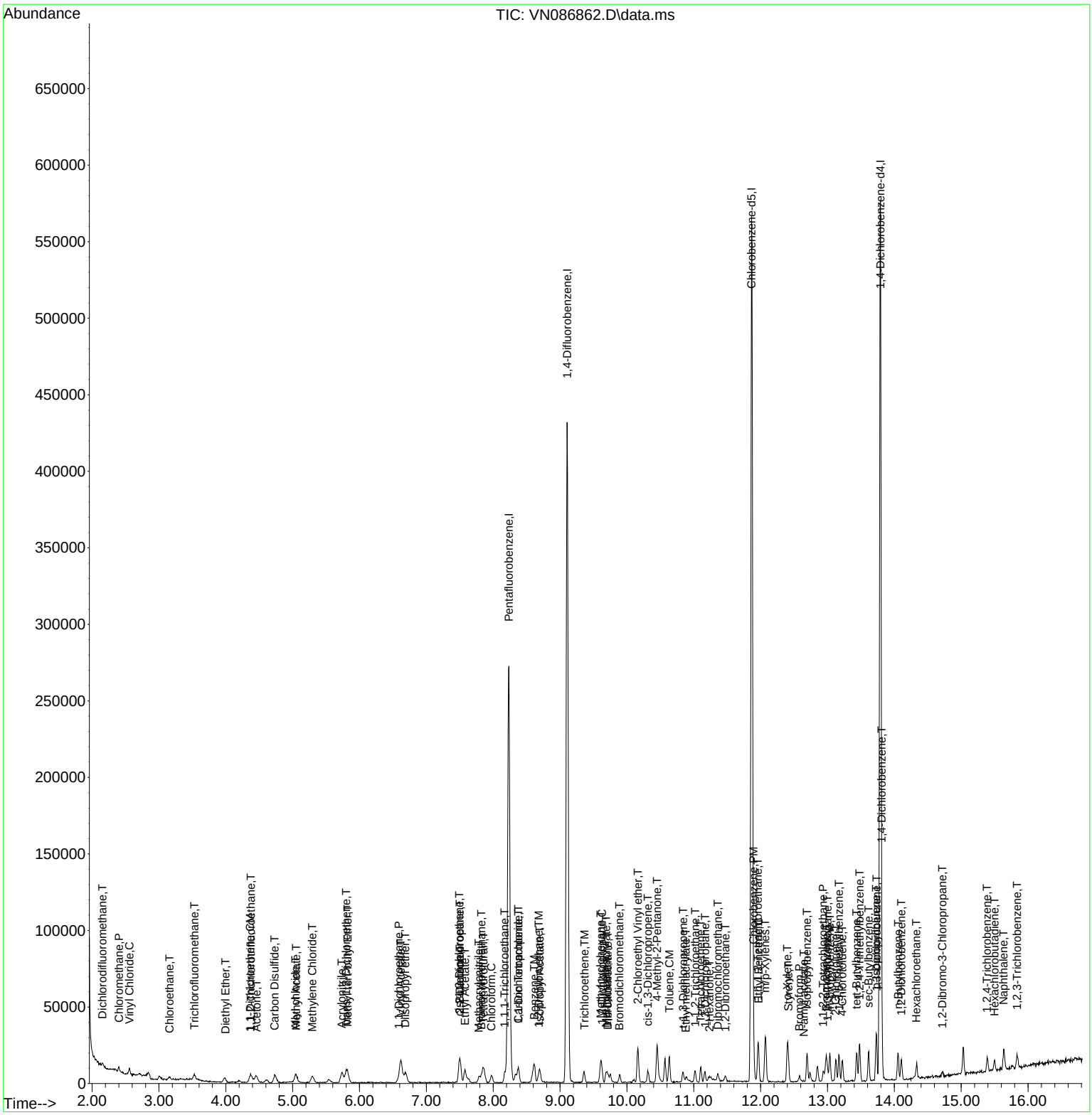
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	229701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	16818	5.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.940%#		
35) Dibromofluoromethane	8.177	113	12867	5.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	10.571	98	52794	5.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	12.847	95	18697	5.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	10196	4.452	ug/l	93
3) Chloromethane	2.395	50	15025	5.080	ug/l	98
4) Vinyl Chloride	2.554	62	15384	5.043	ug/l	97
5) Bromomethane	2.989	94	8606	5.041	ug/l	97
6) Chloroethane	3.154	64	10190	5.171	ug/l	96
7) Trichlorofluoromethane	3.518	101	20740	5.203	ug/l	99
8) Diethyl Ether	3.971	74	9121	5.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	13034	5.205	ug/l	97
10) Methyl Iodide	4.606	142	16530	5.092	ug/l	98
11) Tert butyl alcohol	5.542	59	22000	26.363	ug/l	99
12) 1,1-Dichloroethene	4.359	96	13610	5.323	ug/l	94
13) Acrolein	4.195	56	8401	31.804	ug/l	99
14) Allyl chloride	5.042	41	20925	4.935	ug/l	99
15) Acrylonitrile	5.736	53	49826	25.545	ug/l	99
16) Acetone	4.448	43	41981	25.741	ug/l	99
17) Carbon Disulfide	4.736	76	37246	5.267	ug/l	97
18) Methyl Acetate	5.048	43	24096	5.070	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	46823	5.058	ug/l	95
20) Methylene Chloride	5.300	84	15809	5.178	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	15480	5.442	ug/l #	81
22) Diisopropyl ether	6.689	45	46396	5.191	ug/l	99
23) Vinyl Acetate	6.618	43	194334	25.735	ug/l	100
24) 1,1-Dichloroethane	6.583	63	26473	5.147	ug/l	99
25) 2-Butanone	7.494	43	68629	25.888	ug/l	99
26) 2,2-Dichloropropane	7.500	77	18288	4.571	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	17594	5.172	ug/l	98
28) Bromochloromethane	7.830	49	12958	5.124	ug/l #	97
29) Tetrahydrofuran	7.853	42	44749	25.912	ug/l	98
30) Chloroform	7.977	83	26450	5.149	ug/l	95
31) Cyclohexane	8.271	56	29938	6.002	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	22857	5.232	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	19410	5.184	ug/l	98
37) Ethyl Acetate	7.571	43	26073	5.470	ug/l	97
38) Carbon Tetrachloride	8.371	117	19056	5.184	ug/l	99
39) Methylcyclohexane	9.606	83	27353	5.333	ug/l	95
40) Benzene	8.612	78	63646	5.199	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	13518	5.050	ug/l		99
42) 1,2-Dichloroethane	8.683	62	19329	5.205	ug/l		98
43) Isopropyl Acetate	8.700	43	40268	5.264	ug/l		98
44) Trichloroethene	9.359	130	15245	5.251	ug/l		96
45) 1,2-Dichloropropane	9.624	63	15632	5.248	ug/l		99
46) Dibromomethane	9.718	93	10241	5.176	ug/l		99
47) Bromodichloromethane	9.888	83	20512	5.039	ug/l		97
48) Methyl methacrylate	9.688	41	17591	4.996	ug/l		94
49) 1,4-Dioxane	9.700	88	6141	95.874	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	116434	25.283	ug/l		97
52) Toluene	10.630	92	38744	5.178	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	22285	4.896	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	24477	5.026	ug/l		93
55) 1,1,2-Trichloroethane	11.018	97	15068	5.234	ug/l		97
56) Ethyl methacrylate	10.888	69	21893	4.774	ug/l		95
57) 1,3-Dichloropropane	11.165	76	25452	5.096	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	64722	23.664	ug/l		98
59) 2-Hexanone	11.212	43	59884	20.188	ug/l		99
60) Dibromochloromethane	11.359	129	14884	4.962	ug/l		98
61) 1,2-Dibromoethane	11.471	107	15172	5.141	ug/l		99
64) Tetrachloroethene	11.106	164	12322	5.236	ug/l		92
65) Chlorobenzene	11.894	112	42195	5.145	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	13897	5.271	ug/l		97
67) Ethyl Benzene	11.965	91	73443	5.199	ug/l		97
68) m/p-Xylenes	12.071	106	55859	10.330	ug/l		100
69) o-Xylene	12.400	106	26004	5.021	ug/l		96
70) Styrene	12.412	104	44380	5.008	ug/l		98
71) Bromoform	12.582	173	9890	5.063	ug/l	#	96
73) Isopropylbenzene	12.694	105	67878	5.146	ug/l		100
74) N-amyl acetate	12.559	43	20096m	4.590	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	23516	5.262	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	21527m	4.986	ug/l		
77) Bromobenzene	12.976	156	15485	5.119	ug/l		92
78) n-propylbenzene	13.035	91	83781	5.226	ug/l		99
79) 2-Chlorotoluene	13.124	91	49297	5.128	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	55961	5.139	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	9234	4.939	ug/l		94
82) 4-Chlorotoluene	13.223	91	49924	5.132	ug/l		100
83) tert-Butylbenzene	13.435	119	50874	5.103	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	56525	5.176	ug/l		100
85) sec-Butylbenzene	13.618	105	74711	5.161	ug/l		99
86) p-Isopropyltoluene	13.729	119	62016	5.182	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	30949	5.200	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	32342	5.330	ug/l		96
89) n-Butylbenzene	14.053	91	59601	5.142	ug/l		99
90) Hexachloroethane	14.335	117	9725	4.794	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	29897	5.228	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5731	5.363	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	18778	5.143	ug/l		99
94) Hexachlorobutadiene	15.500	225	7072	5.199	ug/l		99
95) Naphthalene	15.641	128	67481	4.965	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	18262	5.034	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

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

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

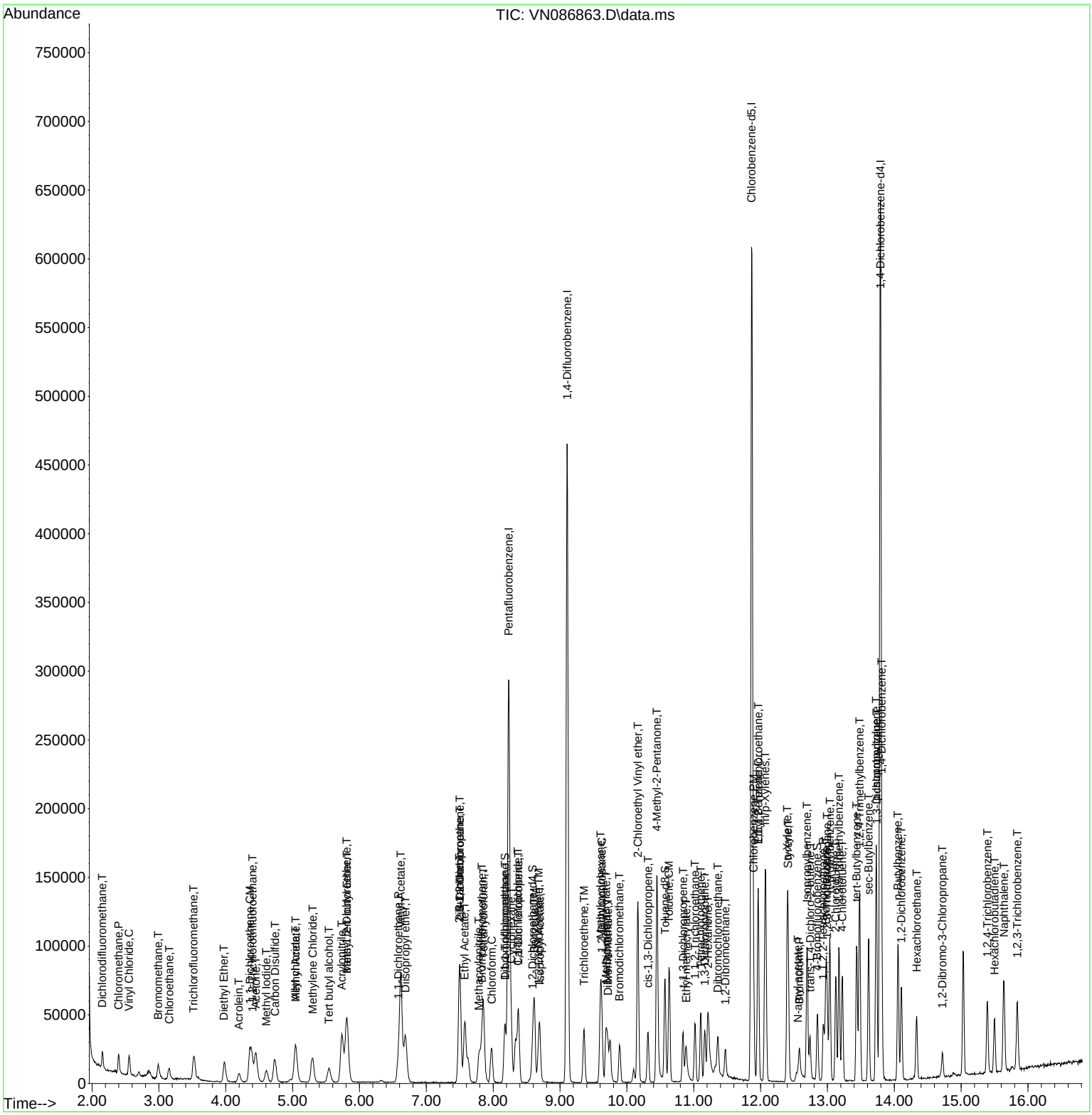
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	224006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	63390	21.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.280%#		
35) Dibromofluoromethane	8.177	113	51797	20.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.800%#		
50) Toluene-d8	10.571	98	201268	20.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.040%#		
62) 4-Bromofluorobenzene	12.853	95	74622	20.474	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	48254	21.605	ug/l	92
3) Chloromethane	2.401	50	57778	20.033	ug/l	93
4) Vinyl Chloride	2.559	62	61254	20.589	ug/l	99
5) Bromomethane	3.006	94	34022	20.435	ug/l	95
6) Chloroethane	3.159	64	39625	20.619	ug/l	99
7) Trichlorofluoromethane	3.524	101	80978	20.832	ug/l	94
8) Diethyl Ether	3.983	74	34288	20.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	50458	20.661	ug/l	98
10) Methyl Iodide	4.612	142	65360	20.646	ug/l	98
11) Tert butyl alcohol	5.547	59	87102	107.031	ug/l	99
12) 1,1-Dichloroethene	4.359	96	50485	20.249	ug/l	96
13) Acrolein	4.200	56	22866	88.767	ug/l	97
14) Allyl chloride	5.047	41	82924	20.055	ug/l	98
15) Acrylonitrile	5.742	53	199498	104.881	ug/l	99
16) Acetone	4.447	43	163979	103.099	ug/l	98
17) Carbon Disulfide	4.736	76	138195	20.038	ug/l	97
18) Methyl Acetate	5.047	43	96547	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	183780	20.358	ug/l	98
20) Methylene Chloride	5.294	84	57611	19.348	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	55643	20.059	ug/l	94
22) Diisopropyl ether	6.689	45	182472	20.935	ug/l	98
23) Vinyl Acetate	6.624	43	768556	104.365	ug/l	99
24) 1,1-Dichloroethane	6.583	63	103578	20.650	ug/l	99
25) 2-Butanone	7.494	43	270477	104.621	ug/l	100
26) 2,2-Dichloropropane	7.506	77	69692	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	68292	20.585	ug/l	98
28) Bromochloromethane	7.824	49	55196	22.381	ug/l	99
29) Tetrahydrofuran	7.853	42	178571	106.031	ug/l	99
30) Chloroform	7.977	83	102615	20.485	ug/l	93
31) Cyclohexane	8.271	56	100026	20.563	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	86810	20.376	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73252	19.838	ug/l	100
37) Ethyl Acetate	7.571	43	96467	20.522	ug/l	98
38) Carbon Tetrachloride	8.377	117	72628	20.034	ug/l	97
39) Methylcyclohexane	9.606	83	98425	19.455	ug/l	99
40) Benzene	8.612	78	241444	19.996	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	53244	20.169	ug/l		98
42) 1,2-Dichloroethane	8.677	62	74238	20.270	ug/l		100
43) Isopropyl Acetate	8.694	43	151601	20.094	ug/l		99
44) Trichloroethene	9.359	130	57110	19.946	ug/l		96
45) 1,2-Dichloropropane	9.630	63	59293	20.184	ug/l		97
46) Dibromomethane	9.712	93	40290	20.648	ug/l		98
47) Bromodichloromethane	9.894	83	80353	20.015	ug/l		98
48) Methyl methacrylate	9.682	41	70457	20.290	ug/l		97
49) 1,4-Dioxane	9.706	88	28231	446.886	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	481741	106.066	ug/l		99
52) Toluene	10.635	92	148000	20.056	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	87683	19.532	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	94315	19.636	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	57195	20.143	ug/l		99
56) Ethyl methacrylate	10.882	69	94829	20.968	ug/l		98
57) 1,3-Dichloropropane	11.165	76	98205	19.938	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	278986	103.426	ug/l		99
59) 2-Hexanone	11.206	43	303686	103.803	ug/l		95
60) Dibromochloromethane	11.359	129	59961	20.268	ug/l		99
61) 1,2-Dibromoethane	11.471	107	59139	20.320	ug/l		97
64) Tetrachloroethene	11.106	164	45374	19.742	ug/l		96
65) Chlorobenzene	11.894	112	160803	20.076	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	52069	20.223	ug/l		99
67) Ethyl Benzene	11.965	91	277087	20.083	ug/l		98
68) m/p-Xylenes	12.071	106	215378	40.780	ug/l		100
69) o-Xylene	12.400	106	102050	20.175	ug/l		98
70) Styrene	12.412	104	178061	20.572	ug/l		99
71) Bromoform	12.576	173	40070	21.004	ug/l	#	99
73) Isopropylbenzene	12.694	105	264442	20.035	ug/l		100
74) N-amyl acetate	12.523	43	86003	19.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92264	20.634	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	81846m	18.945	ug/l		
77) Bromobenzene	12.982	156	60877	20.111	ug/l		98
78) n-propylbenzene	13.035	91	322436	20.102	ug/l		100
79) 2-Chlorotoluene	13.123	91	193774	20.144	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	219937	20.183	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	37808	20.209	ug/l		92
82) 4-Chlorotoluene	13.223	91	193544	19.885	ug/l		99
83) tert-Butylbenzene	13.435	119	198303	19.880	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	221990	20.315	ug/l		100
85) sec-Butylbenzene	13.617	105	292563	20.196	ug/l		100
86) p-Isopropyltoluene	13.729	119	240682	20.099	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	120099	20.166	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	120102	19.780	ug/l		97
89) n-Butylbenzene	14.053	91	227536	19.617	ug/l		100
90) Hexachloroethane	14.335	117	41202	20.299	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	115645	20.212	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21025	19.661	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	71826	19.659	ug/l		98
94) Hexachlorobutadiene	15.500	225	27887	20.486	ug/l		97
95) Naphthalene	15.641	128	272584	20.043	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	71929	19.815	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

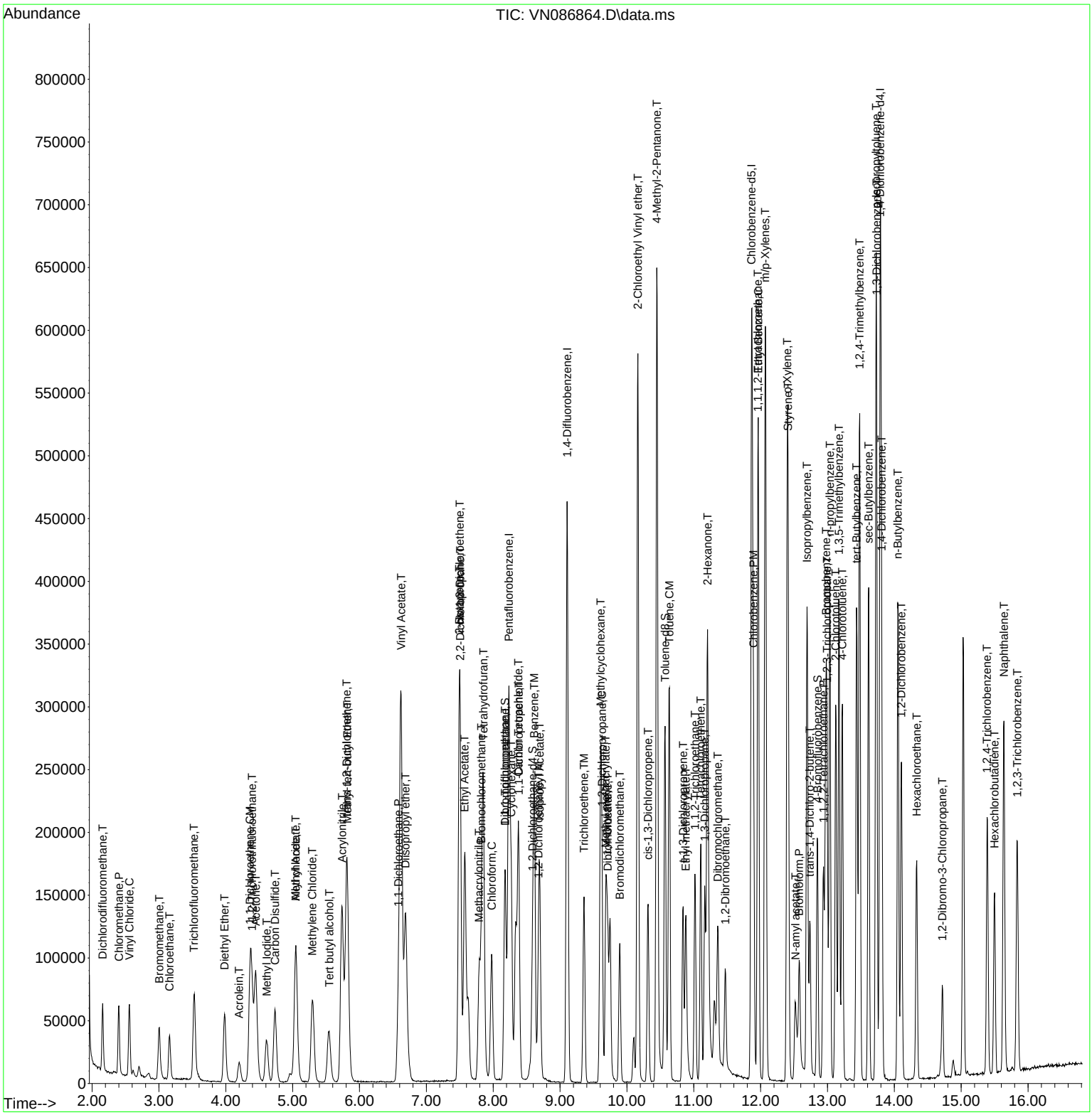
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	207354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103736	37.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 74.740%			
35) Dibromofluoromethane	8.171	113	83058	37.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.040%#			
50) Toluene-d8	10.571	98	326105	36.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 73.440%#			
62) 4-Bromofluorobenzene	12.847	95	122965	37.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 74.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	103958	50.283	ug/l	100
3) Chloromethane	2.395	50	123866	46.397	ug/l	100
4) Vinyl Chloride	2.554	62	132783	48.215	ug/l	100
5) Bromomethane	2.995	94	73974	47.999	ug/l	100
6) Chloroethane	3.154	64	84505	47.504	ug/l	100
7) Trichlorofluoromethane	3.524	101	172860	48.041	ug/l	100
8) Diethyl Ether	3.983	74	75193	47.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	107695	47.640	ug/l	100
10) Methyl Iodide	4.606	142	141678	48.346	ug/l	100
11) Tert butyl alcohol	5.548	59	182315	242.020	ug/l	100
12) 1,1-Dichloroethene	4.359	96	110549	47.900	ug/l	100
13) Acrolein	4.201	56	47026	197.217	ug/l	100
14) Allyl chloride	5.042	41	179313	46.848	ug/l	100
15) Acrylonitrile	5.742	53	421941	239.638	ug/l	100
16) Acetone	4.448	43	333857	226.765	ug/l	100
17) Carbon Disulfide	4.730	76	295753	46.328	ug/l	100
18) Methyl Acetate	5.042	43	204538	47.673	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	400775	47.960	ug/l	100
20) Methylene Chloride	5.295	84	125498	45.531	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	117660	45.822	ug/l	100
22) Diisopropyl ether	6.689	45	384939	47.711	ug/l	100
23) Vinyl Acetate	6.618	43	1649023	241.910	ug/l	100
24) 1,1-Dichloroethane	6.583	63	220477	47.485	ug/l	100
25) 2-Butanone	7.494	43	571221	238.693	ug/l	100
26) 2,2-Dichloropropane	7.500	77	187567	51.933	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	144911	47.189	ug/l	100
28) Bromochloromethane	7.824	49	96707	42.362	ug/l	100
29) Tetrahydrofuran	7.853	42	371357	238.210	ug/l	100
30) Chloroform	7.977	83	220093	47.467	ug/l	100
31) Cyclohexane	8.271	56	208105	46.217	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185502	47.037	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158341	47.362	ug/l	100
37) Ethyl Acetate	7.577	43	203091	47.720	ug/l	100
38) Carbon Tetrachloride	8.371	117	154677	47.126	ug/l	100
39) Methylcyclohexane	9.606	83	215849	47.126	ug/l	100
40) Benzene	8.612	78	509334	46.590	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	114727	48.000	ug/l		100
42) 1,2-Dichloroethane	8.677	62	155713	46.960	ug/l		100
43) Isopropyl Acetate	8.694	43	322741	47.248	ug/l		100
44) Trichloroethene	9.359	130	123847	47.776	ug/l		100
45) 1,2-Dichloropropane	9.630	63	125673	47.251	ug/l		100
46) Dibromomethane	9.718	93	83811	47.442	ug/l		100
47) Bromodichloromethane	9.894	83	173200	47.651	ug/l		100
48) Methyl methacrylate	9.683	41	149019	47.399	ug/l		100
49) 1,4-Dioxane	9.700	88	59060	1032.607	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	1017688	247.484	ug/l		100
52) Toluene	10.635	92	316219	47.331	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	197475	48.587	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	208523	47.950	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	121969	47.445	ug/l		100
56) Ethyl methacrylate	10.882	69	210467	51.401	ug/l		100
57) 1,3-Dichloropropane	11.165	76	212243	47.593	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	519139	212.570	ug/l		100
59) 2-Hexanone	11.200	43	696567	262.977	ug/l		100
60) Dibromochloromethane	11.359	129	128715	48.056	ug/l		100
61) 1,2-Dibromoethane	11.471	107	124522	47.258	ug/l		100
64) Tetrachloroethene	11.106	164	97679	46.382	ug/l		100
65) Chlorobenzene	11.894	112	340439	46.386	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112333	47.615	ug/l		100
67) Ethyl Benzene	11.965	91	597593	47.271	ug/l		100
68) m/p-Xylenes	12.071	106	466620	96.424	ug/l		100
69) o-Xylene	12.400	106	224299	48.395	ug/l		100
70) Styrene	12.412	104	386596	48.745	ug/l		100
71) Bromoform	12.582	173	88127	50.415	ug/l	#	100
73) Isopropylbenzene	12.694	105	573905	47.023	ug/l		100
74) N-amyl acetate	12.512	43	212064	52.353	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.941	83	197360	47.732	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	196473m	49.183	ug/l		
77) Bromobenzene	12.982	156	132381	47.296	ug/l		100
78) n-propylbenzene	13.035	91	705524	47.567	ug/l		100
79) 2-Chlorotoluene	13.124	91	419986	47.216	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	485499	48.181	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	79732	46.089	ug/l		100
82) 4-Chlorotoluene	13.224	91	424066	47.117	ug/l		100
83) tert-Butylbenzene	13.435	119	438417	47.531	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	488189	48.314	ug/l		100
85) sec-Butylbenzene	13.618	105	641523	47.893	ug/l		100
86) p-Isopropyltoluene	13.729	119	533366	48.169	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	260310	47.269	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	263358	46.907	ug/l		100
89) n-Butylbenzene	14.053	91	512519	47.787	ug/l		100
90) Hexachloroethane	14.335	117	89896	47.896	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	251235	47.486	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	45535	46.049	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	162374	48.061	ug/l		100
94) Hexachlorobutadiene	15.500	225	60866	48.356	ug/l		100
95) Naphthalene	15.641	128	603088	47.958	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	159113	47.402	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

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

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

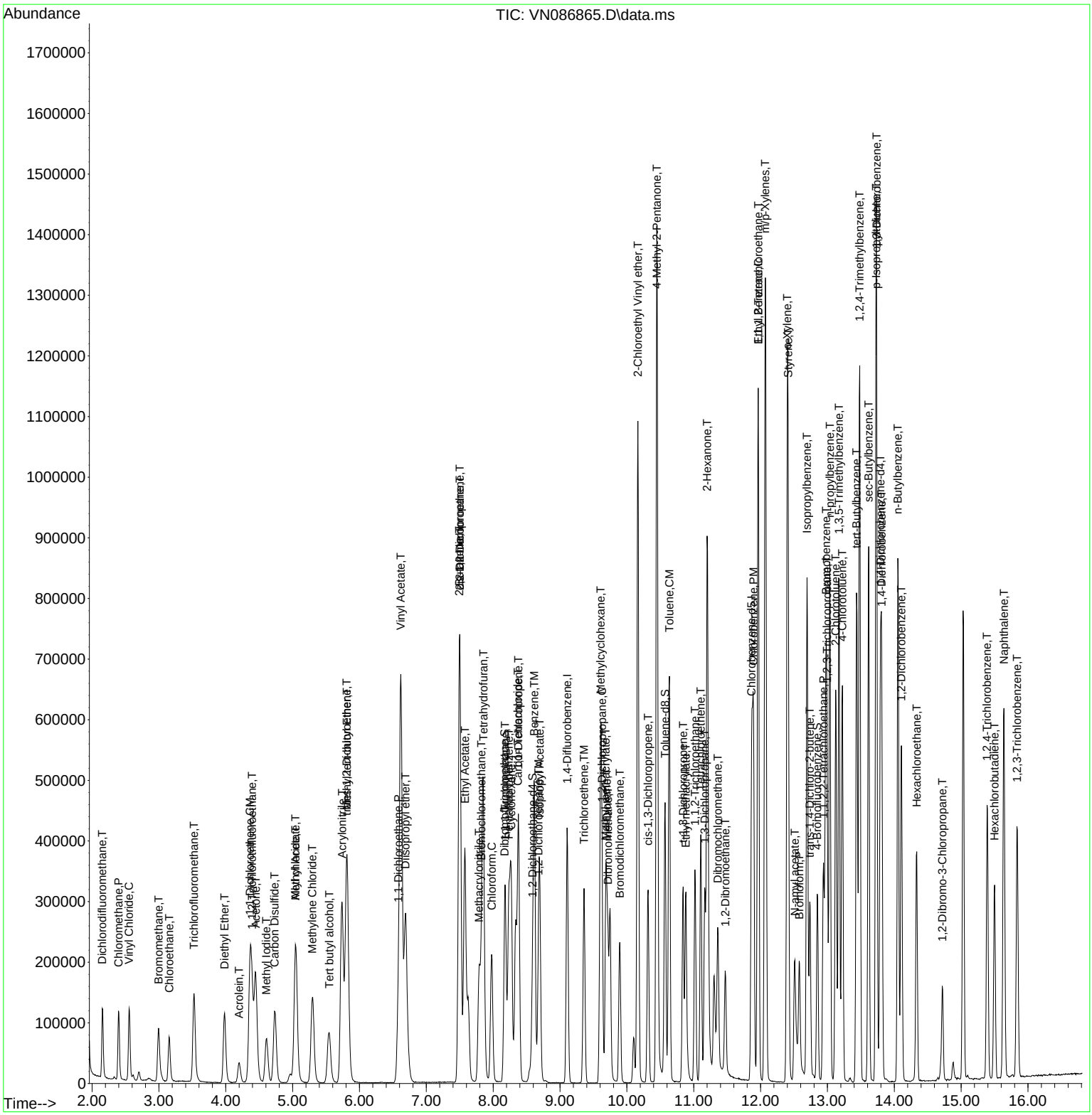
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.120%#			
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.980%#			
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.840%#			
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.680%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.794	41	195946	94.688	ug/l		95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l		100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l		99
44) Trichloroethene	9.359	130	222822	99.280	ug/l		97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l		98
46) Dibromomethane	9.712	93	155530	101.685	ug/l		99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l		100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l		99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l		99
52) Toluene	10.635	92	578978	100.092	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l		98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l		99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l		100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l		99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l		100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l		98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l		94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l		100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l		99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l		99
69) o-Xylene	12.400	106	412719	102.070	ug/l		100
70) Styrene	12.412	104	713548	103.127	ug/l		100
71) Bromoform	12.576	173	165781	108.707	ug/l	#	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l		100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	353334m	100.738	ug/l		
77) Bromobenzene	12.982	156	246413	100.266	ug/l		99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l		100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l		92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l		100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l		100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l		99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l		99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l		100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l		99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l		98
95) Naphthalene	15.641	128	1129434	102.290	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

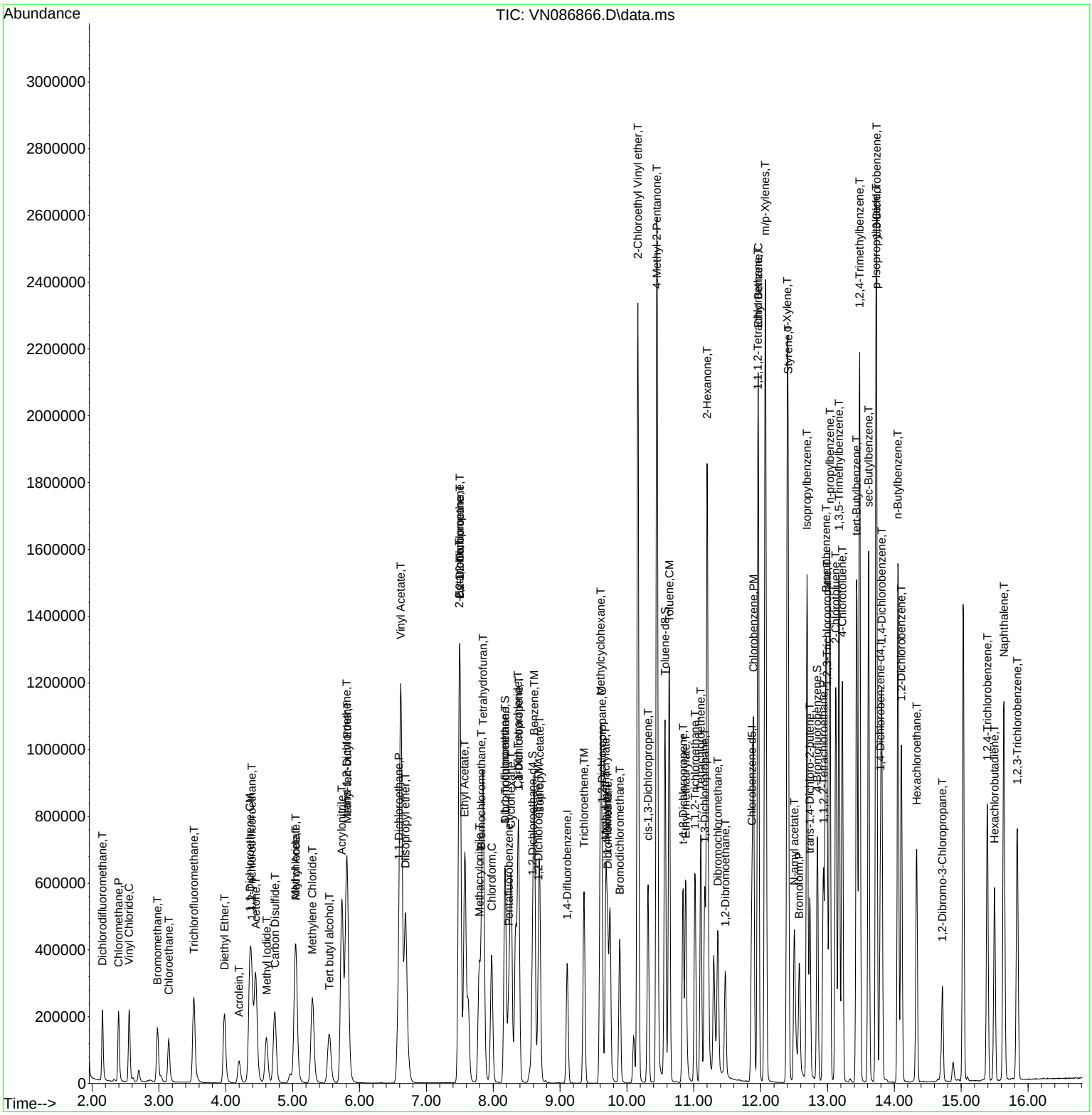
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 336.460%#			
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 355.600%#			
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 352.240%#			
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 358.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174 ug/l	98
42) 1,2-Dichloroethane	8.676	62	381516	141.455 ug/l	100
43) Isopropyl Acetate	8.694	43	780791	140.531 ug/l	99
44) Trichloroethene	9.359	130	302548	143.490 ug/l	96
45) 1,2-Dichloropropane	9.623	63	309047	142.856 ug/l	100
46) Dibromomethane	9.712	93	208461	145.074 ug/l	100
47) Bromodichloromethane	9.894	83	430011	145.449 ug/l	100
48) Methyl methacrylate	9.688	41	366967	143.502 ug/l	99
49) 1,4-Dioxane	9.712	88	138035	2967.116 ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995 ug/l	98
52) Toluene	10.635	92	793270	145.976 ug/l	100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163 ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469 ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588 ug/l	99
56) Ethyl methacrylate	10.876	69	533912	160.311 ug/l	98
57) 1,3-Dichloropropane	11.165	76	516391	142.363 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147 ug/l	99
59) 2-Hexanone	11.200	43	1735777	805.662 ug/l	99
60) Dibromochloromethane	11.365	129	322064	147.832 ug/l	98
61) 1,2-Dibromoethane	11.470	107	314606	146.790 ug/l	99
64) Tetrachloroethene	11.106	164	245122	139.048 ug/l	97
65) Chlorobenzene	11.894	112	860345	140.041 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171 ug/l	99
67) Ethyl Benzene	11.964	91	1517883	143.438 ug/l	98
68) m/p-Xylenes	12.070	106	1175378	290.155 ug/l	99
69) o-Xylene	12.400	106	566301	145.966 ug/l	100
70) Styrene	12.411	104	972318	146.459 ug/l	100
71) Bromoform	12.582	173	223200	152.538 ug/l #	99
73) Isopropylbenzene	12.694	105	1453651	146.042 ug/l	100
74) N-amyl acetate	12.500	43	543747	164.596 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693 ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	468041m	143.665 ug/l	
77) Bromobenzene	12.982	156	335734	147.077 ug/l	98
78) n-propylbenzene	13.035	91	1769694	146.301 ug/l	99
79) 2-Chlorotoluene	13.123	91	1046916	144.317 ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277 ug/l	95
82) 4-Chlorotoluene	13.223	91	1063581	144.900 ug/l	100
83) tert-Butylbenzene	13.435	119	1093406	145.352 ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626 ug/l	100
85) sec-Butylbenzene	13.617	105	1582762	144.885 ug/l	99
86) p-Isopropyltoluene	13.729	119	1322780	146.482 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939 ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124 ug/l	99
89) n-Butylbenzene	14.053	91	1251819	143.117 ug/l	100
90) Hexachloroethane	14.335	117	230195	150.387 ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242 ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940 ug/l	99
94) Hexachlorobutadiene	15.500	225	151172	147.264 ug/l	98
95) Naphthalene	15.641	128	1545981	150.743 ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

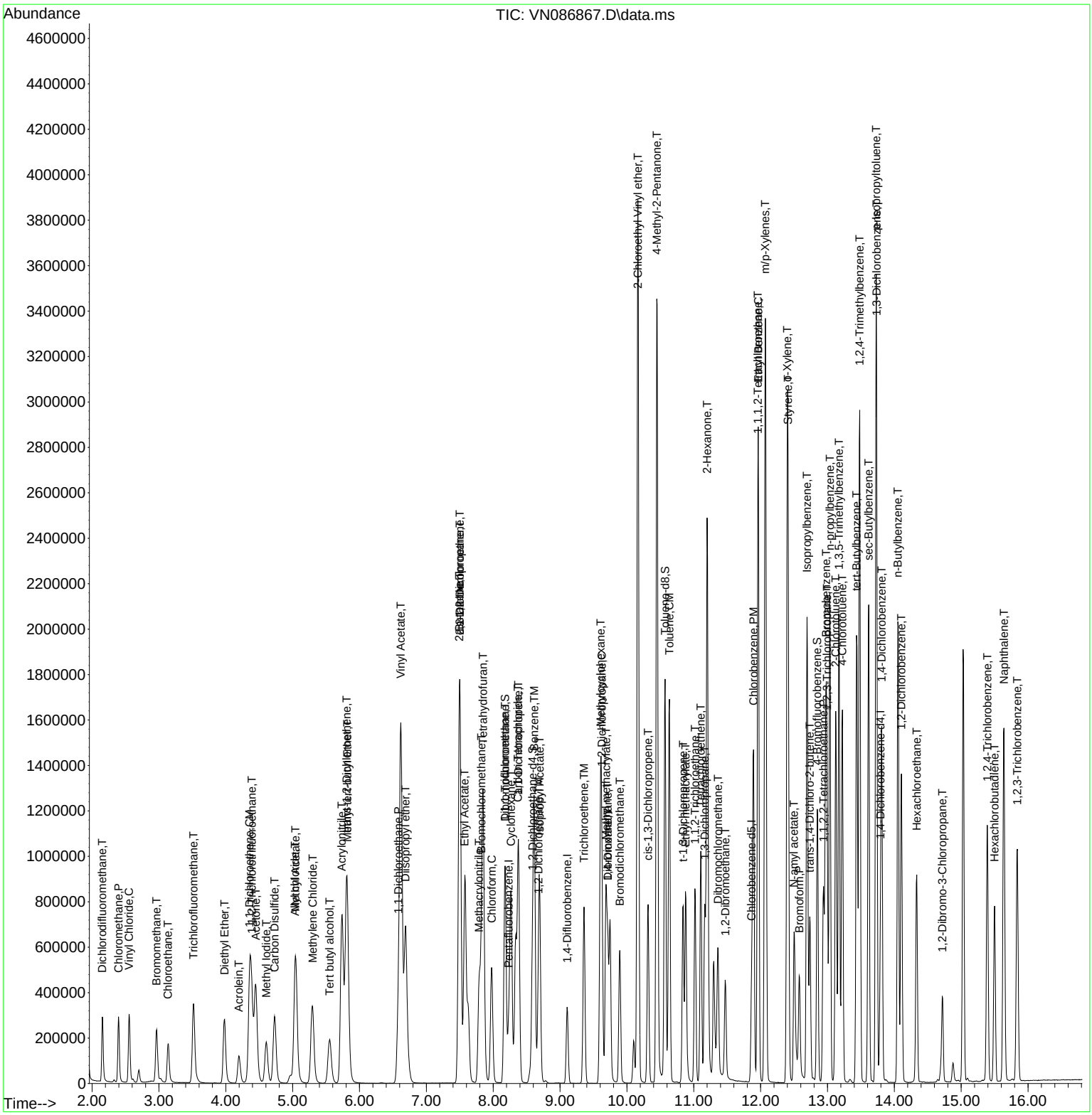
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	218122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152255	52.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	8.177	113	127102	54.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.571	98	491265	53.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.847	95	185792	54.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120237	55.286	ug/l	99
3) Chloromethane	2.401	50	139027	49.505	ug/l	99
4) Vinyl Chloride	2.554	62	151951	52.451	ug/l	99
5) Bromomethane	2.989	94	89638	55.292	ug/l	95
6) Chloroethane	3.154	64	95654	51.117	ug/l	96
7) Trichlorofluoromethane	3.524	101	196138	51.819	ug/l	97
8) Diethyl Ether	3.983	74	87405	53.001	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	127498	53.615	ug/l	99
10) Methyl Iodide	4.612	142	164080	53.227	ug/l	97
11) Tert butyl alcohol	5.542	59	207768	262.193	ug/l	99
12) 1,1-Dichloroethene	4.359	96	125461	51.678	ug/l	99
13) Acrolein	4.195	56	60336	240.545	ug/l	98
14) Allyl chloride	5.042	41	203344	50.504	ug/l	98
15) Acrylonitrile	5.736	53	479502	258.885	ug/l	100
16) Acetone	4.448	43	382146	246.750	ug/l	98
17) Carbon Disulfide	4.736	76	339466	50.550	ug/l	100
18) Methyl Acetate	5.042	43	234290	51.912	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	454641	51.720	ug/l	100
20) Methylene Chloride	5.295	84	143862	49.617	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	133535	49.437	ug/l	99
22) Diisopropyl ether	6.689	45	440080	51.853	ug/l	99
23) Vinyl Acetate	6.618	43	1828919	255.055	ug/l	99
24) 1,1-Dichloroethane	6.589	63	251473	51.487	ug/l	98
25) 2-Butanone	7.494	43	644194	255.897	ug/l	99
26) 2,2-Dichloropropane	7.500	77	216678	57.031	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	164985	51.073	ug/l	99
28) Bromochloromethane	7.824	49	108810	45.310	ug/l	99
29) Tetrahydrofuran	7.847	42	420891	256.656	ug/l	100
30) Chloroform	7.977	83	248429	50.933	ug/l	97
31) Cyclohexane	8.265	56	237836	50.212	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	209927	50.603	ug/l	97
36) 1,1-Dichloropropene	8.377	75	181414	52.123	ug/l	99
37) Ethyl Acetate	7.571	43	222090	50.125	ug/l	99
38) Carbon Tetrachloride	8.371	117	179281	52.466	ug/l	98
39) Methylcyclohexane	9.606	83	251231	52.686	ug/l	98
40) Benzene	8.612	78	579667	50.931	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	130903	52.607	ug/l		100
42) 1,2-Dichloroethane	8.677	62	177746	51.489	ug/l		100
43) Isopropyl Acetate	8.694	43	359378	50.536	ug/l		100
44) Trichloroethene	9.359	130	139763	51.788	ug/l		100
45) 1,2-Dichloropropane	9.624	63	142463	51.450	ug/l		99
46) Dibromomethane	9.712	93	97199	52.849	ug/l		98
47) Bromodichloromethane	9.894	83	196104	51.824	ug/l		100
48) Methyl methacrylate	9.688	41	168001	51.328	ug/l		98
49) 1,4-Dioxane	9.706	88	66102	1110.123	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1146622	267.835	ug/l		99
52) Toluene	10.635	92	361963	52.040	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	224839	53.137	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	237774	52.519	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	137998	51.562	ug/l		99
56) Ethyl methacrylate	10.882	69	241649	56.688	ug/l		98
57) 1,3-Dichloropropane	11.165	76	238572	51.386	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	625479	246.006	ug/l		100
59) 2-Hexanone	11.200	43	781717	283.478	ug/l		100
60) Dibromochloromethane	11.359	129	146749	52.627	ug/l		99
61) 1,2-Dibromoethane	11.471	107	142338	51.887	ug/l		99
64) Tetrachloroethene	11.106	164	111409	50.450	ug/l		98
65) Chlorobenzene	11.894	112	391661	50.892	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	129045	52.164	ug/l		99
67) Ethyl Benzene	11.965	91	683879	51.590	ug/l		98
68) m/p-Xylenes	12.071	106	527293	103.912	ug/l		98
69) o-Xylene	12.400	106	254600	52.387	ug/l		100
70) Styrene	12.412	104	438751	52.758	ug/l		99
71) Bromoform	12.582	173	100357	54.751	ug/l	#	99
73) Isopropylbenzene	12.694	105	652045	51.823	ug/l		100
74) N-amyl acetate	12.506	43	238355	54.212	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	220643	51.763	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	220957m	53.821	ug/l		
77) Bromobenzene	12.982	156	150950	52.313	ug/l		100
78) n-propylbenzene	13.035	91	801180	52.397	ug/l		100
79) 2-Chlorotoluene	13.123	91	473629	51.650	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	548347	52.787	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	99341	55.702	ug/l		97
82) 4-Chlorotoluene	13.223	91	481403	51.884	ug/l		99
83) tert-Butylbenzene	13.441	119	499519	52.532	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	552333	53.024	ug/l		100
85) sec-Butylbenzene	13.618	105	723986	52.428	ug/l		100
86) p-Isopropyltoluene	13.729	119	606979	53.174	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	290810	51.224	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	298412	51.557	ug/l		100
89) n-Butylbenzene	14.059	91	579636	52.424	ug/l		100
90) Hexachloroethane	14.335	117	102254	52.847	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	280025	51.340	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50115	49.161	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	181064	51.986	ug/l		99
94) Hexachlorobutadiene	15.500	225	68570	52.843	ug/l		99
95) Naphthalene	15.641	128	674187	52.005	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	174888	50.539	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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

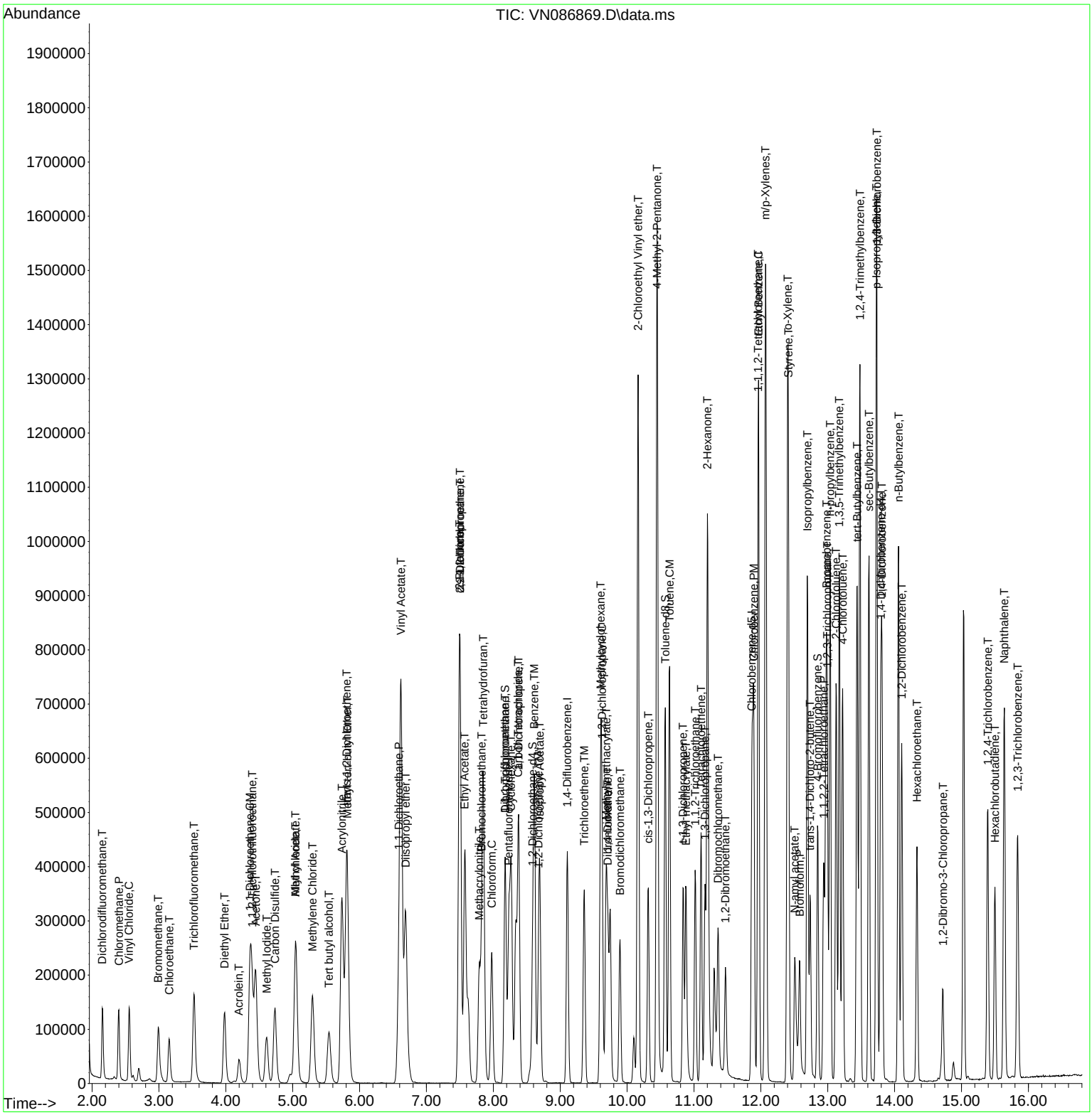
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	105	0.00
2	T	Dichlorodifluoromethane	0.499	0.551	-10.4	116	0.00
3	P	Chloromethane	0.644	0.637	1.1	112	0.00
4	C	Vinyl Chloride	0.664	0.697	-5.0#	114	0.00
5	T	Bromomethane	0.372	0.411	-10.5	121	0.00
6	T	Chloroethane	0.429	0.439	-2.3	113	0.00
7	T	Trichlorofluoromethane	0.868	0.899	-3.6	113	0.00
8	T	Diethyl Ether	0.378	0.401	-6.1	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.585	-7.3	118	0.00
10	T	Methyl Iodide	0.707	0.752	-6.4	116	0.00
11	T	Tert butyl alcohol	0.182	0.191	-4.9	114	0.00
12	CM	1,1-Dichloroethene	0.557	0.575	-3.2#	113	0.00
13	T	Acrolein	0.057	0.055	3.5	128	0.00
14	T	Allyl chloride	0.923	0.932	-1.0	113	0.00
15	T	Acrylonitrile	0.425	0.440	-3.5	114	0.00
16	T	Acetone	0.355	0.350	1.4	114	0.00
17	T	Carbon Disulfide	1.539	1.556	-1.1	115	0.00
18	T	Methyl Acetate	1.035	1.074	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	2.015	2.084	-3.4	113	0.00
20	T	Methylene Chloride	0.665	0.660	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.612	1.1	113	0.00
22	T	Diisopropyl ether	1.945	2.018	-3.8	114	0.00
23	T	Vinyl Acetate	1.644	1.677	-2.0	111	0.00
24	P	1,1-Dichloroethane	1.120	1.153	-2.9	114	0.00
25	T	2-Butanone	0.577	0.591	-2.4	113	0.00
26	T	2,2-Dichloropropane	0.871	0.993	-14.0	116	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.756	-2.2	114	0.00
28	T	Bromochloromethane	0.550	0.499	9.3	113	0.00
29	T	Tetrahydrofuran	0.376	0.386	-2.7	113	0.00
30	C	Chloroform	1.118	1.139	-1.9#	113	0.00
31	T	Cyclohexane	1.086	1.090	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	0.951	0.962	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.698	-4.3	147	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.296	0.322	-8.8	153#	0.00
36	T	1,1-Dichloropropene	0.442	0.460	-4.1	115	0.00
37	T	Ethyl Acetate	0.562	0.563	-0.2	109	0.00
38	T	Carbon Tetrachloride	0.433	0.455	-5.1	116	0.00
39	T	Methylcyclohexane	0.605	0.637	-5.3	116	0.00
40	TM	Benzene	1.444	1.471	-1.9	114	0.00
41	T	Methacrylonitrile	0.316	0.332	-5.1	114	0.00
42	TM	1,2-Dichloroethane	0.438	0.451	-3.0	114	0.00
43	T	Isopropyl Acetate	0.902	0.912	-1.1	111	0.00
44	TM	Trichloroethene	0.342	0.355	-3.8	113	0.00
45	C	1,2-Dichloropropane	0.351	0.361	-2.8#	113	0.00
46	T	Dibromomethane	0.233	0.247	-6.0	116	0.00
47	T	Bromodichloromethane	0.480	0.498	-3.8	113	0.00
48	T	Methyl methacrylate	0.415	0.426	-2.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	0.008	0.008	0.0	112	0.00
50	S	Toluene-d8	1.173	1.246	-6.2	151#	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.582	-7.2	113	0.00
52	CM	Toluene	0.882	0.918	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	0.537	0.570	-6.1	114	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.603	-5.1	114	0.00
55	T	1,1,2-Trichloroethane	0.340	0.350	-2.9	113	0.00
56	T	Ethyl methacrylate	0.541	0.613	-13.3	115	0.00
57	T	1,3-Dichloropropane	0.589	0.605	-2.7	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.317	1.9	120	0.00
59	T	2-Hexanone	0.350	0.397	-13.4	112	0.00
60	T	Dibromochloromethane	0.354	0.372	-5.1	114	0.00
61	T	1,2-Dibromoethane	0.348	0.361	-3.7	114	0.00
62	S	4-Bromofluorobenzene	0.436	0.471	-8.0	151#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.316	0.319	-0.9	114	0.00
65	PM	Chlorobenzene	1.103	1.122	-1.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.370	-4.5	115	0.00
67	C	Ethyl Benzene	1.899	1.960	-3.2#	114	0.00
68	T	m/p-Xylenes	0.727	0.756	-4.0	113	0.00
69	T	o-Xylene	0.696	0.730	-4.9	114	0.00
70	T	Styrene	1.192	1.257	-5.5	113	0.00
71	P	Bromoform	0.263	0.288	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.643	3.775	-3.6	114	0.00
74	T	N-amyl acetate	1.273	1.380	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.278	-3.6	112	0.00
76	T	1,2,3-Trichloropropane	1.189	1.279	-7.6	112	0.00
77	T	Bromobenzene	0.835	0.874	-4.7	114	0.00
78	T	n-propylbenzene	4.427	4.639	-4.8	114	0.00
79	T	2-Chlorotoluene	2.655	2.742	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.175	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.575	-11.4	125	0.00
82	T	4-Chlorotoluene	2.686	2.787	-3.8	114	0.00
83	T	tert-Butylbenzene	2.753	2.892	-5.0	114	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.198	-6.0	113	0.00
85	T	sec-Butylbenzene	3.998	4.192	-4.9	113	0.00
86	T	p-Isopropyltoluene	3.305	3.514	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	1.644	1.684	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	1.676	1.728	-3.1	113	0.00
89	T	n-Butylbenzene	3.201	3.356	-4.8	113	0.00
90	T	Hexachloroethane	0.560	0.592	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	1.579	1.621	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.290	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	1.008	1.048	-4.0	112	0.00
94	T	Hexachlorobutadiene	0.376	0.397	-5.6	113	0.00
95	T	Naphthalene	3.753	3.904	-4.0	112	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1.002	1.013	-1.1	110	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\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	55.286	-10.6	116	0.00
3	P	Chloromethane	50.000	49.505	1.0	112	0.00
4	C	Vinyl Chloride	50.000	52.451	-4.9#	114	0.00
5	T	Bromomethane	50.000	55.292	-10.6	121	0.00
6	T	Chloroethane	50.000	51.117	-2.2	113	0.00
7	T	Trichlorofluoromethane	50.000	51.819	-3.6	113	0.00
8	T	Diethyl Ether	50.000	53.001	-6.0	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.615	-7.2	118	0.00
10	T	Methyl Iodide	50.000	53.227	-6.5	116	0.00
11	T	Tert butyl alcohol	250.000	262.193	-4.9	114	0.00
12	CM	1,1-Dichloroethene	50.000	51.678	-3.4#	113	0.00
13	T	Acrolein	250.000	240.545	3.8	128	0.00
14	T	Allyl chloride	50.000	50.504	-1.0	113	0.00
15	T	Acrylonitrile	250.000	258.885	-3.6	114	0.00
16	T	Acetone	250.000	246.750	1.3	114	0.00
17	T	Carbon Disulfide	50.000	50.550	-1.1	115	0.00
18	T	Methyl Acetate	50.000	51.912	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	50.000	51.720	-3.4	113	0.00
20	T	Methylene Chloride	50.000	49.617	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.437	1.1	113	0.00
22	T	Diisopropyl ether	50.000	51.853	-3.7	114	0.00
23	T	Vinyl Acetate	250.000	255.055	-2.0	111	0.00
24	P	1,1-Dichloroethane	50.000	51.487	-3.0	114	0.00
25	T	2-Butanone	250.000	255.897	-2.4	113	0.00
26	T	2,2-Dichloropropane	50.000	57.031	-14.1	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.073	-2.1	114	0.00
28	T	Bromochloromethane	50.000	45.310	9.4	113	0.00
29	T	Tetrahydrofuran	250.000	256.656	-2.7	113	0.00
30	C	Chloroform	50.000	50.933	-1.9#	113	0.00
31	T	Cyclohexane	50.000	50.212	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	50.000	50.603	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.135	-4.3	147	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	54.416	-8.8	153	0.00
36	T	1,1-Dichloropropene	50.000	52.123	-4.2	115	0.00
37	T	Ethyl Acetate	50.000	50.125	-0.3	109	0.00
38	T	Carbon Tetrachloride	50.000	52.466	-4.9	116	0.00
39	T	Methylcyclohexane	50.000	52.686	-5.4	116	0.00
40	TM	Benzene	50.000	50.931	-1.9	114	0.00
41	T	Methacrylonitrile	50.000	52.607	-5.2	114	0.00
42	TM	1,2-Dichloroethane	50.000	51.489	-3.0	114	0.00
43	T	Isopropyl Acetate	50.000	50.536	-1.1	111	0.00
44	TM	Trichloroethene	50.000	51.788	-3.6	113	0.00
45	C	1,2-Dichloropropane	50.000	51.450	-2.9#	113	0.00
46	T	Dibromomethane	50.000	52.849	-5.7	116	0.00
47	T	Bromodichloromethane	50.000	51.824	-3.6	113	0.00
48	T	Methyl methacrylate	50.000	51.328	-2.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1110.123	-11.0	112	0.00
50	S	Toluene-d8	50.000	53.129	-6.3	151	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.835	-7.1	113	0.00
52	CM	Toluene	50.000	52.040	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	53.137	-6.3	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.519	-5.0	114	0.00
55	T	1,1,2-Trichloroethane	50.000	51.562	-3.1	113	0.00
56	T	Ethyl methacrylate	50.000	56.688	-13.4	115	0.00
57	T	1,3-Dichloropropane	50.000	51.386	-2.8	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.006	1.6	120	0.00
59	T	2-Hexanone	250.000	283.478	-13.4	112	0.00
60	T	Dibromochloromethane	50.000	52.627	-5.3	114	0.00
61	T	1,2-Dibromoethane	50.000	51.887	-3.8	114	0.00
62	S	4-Bromofluorobenzene	50.000	54.081	-8.2	151	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	50.450	-0.9	114	0.00
65	PM	Chlorobenzene	50.000	50.892	-1.8	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.164	-4.3	115	0.00
67	C	Ethyl Benzene	50.000	51.590	-3.2#	114	0.00
68	T	m/p-Xylenes	100.000	103.912	-3.9	113	0.00
69	T	o-Xylene	50.000	52.387	-4.8	114	0.00
70	T	Styrene	50.000	52.758	-5.5	113	0.00
71	P	Bromoform	50.000	54.751	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.823	-3.6	114	0.00
74	T	N-amyl acetate	50.000	54.212	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.763	-3.5	112	0.00
76	T	1,2,3-Trichloropropane	50.000	53.821	-7.6	112	0.00
77	T	Bromobenzene	50.000	52.313	-4.6	114	0.00
78	T	n-propylbenzene	50.000	52.397	-4.8	114	0.00
79	T	2-Chlorotoluene	50.000	51.650	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.787	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.702	-11.4	125	0.00
82	T	4-Chlorotoluene	50.000	51.884	-3.8	114	0.00
83	T	tert-Butylbenzene	50.000	52.532	-5.1	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.024	-6.0	113	0.00
85	T	sec-Butylbenzene	50.000	52.428	-4.9	113	0.00
86	T	p-Isopropyltoluene	50.000	53.174	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	50.000	51.224	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	50.000	51.557	-3.1	113	0.00
89	T	n-Butylbenzene	50.000	52.424	-4.8	113	0.00
90	T	Hexachloroethane	50.000	52.847	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	50.000	51.340	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.161	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.986	-4.0	112	0.00
94	T	Hexachlorobutadiene	50.000	52.843	-5.7	113	0.00
95	T	Naphthalene	50.000	52.005	-4.0	112	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.539	-1.1	110	0.00

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

Raw Data: **VN087149.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG No.: Q2402

Instrument ID: MSVOA_N Calibration Date/Time: 06/24/2025 11:14

Lab File ID: VN087149.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.637	0.1	-1.09	20
Vinyl Chloride	0.664	0.712		7.23	20
Bromomethane	0.372	0.444		19.35	20
Chloroethane	0.429	0.580		35.2	20
Tert butyl alcohol	0.182	0.179		-1.65	20
1,1-Dichloroethene	0.557	0.567		1.79	20
Acetone	0.355	0.328		-7.61	20
Carbon Disulfide	1.539	1.598		3.83	20
Methyl tert-butyl Ether	2.015	2.175		7.94	20
Methylene Chloride	0.665	0.684		2.86	20
trans-1,2-Dichloroethene	0.619	0.652		5.33	20
1,1-Dichloroethane	1.120	1.271	0.1	13.48	20
2-Butanone	0.577	0.667		15.6	20
Carbon Tetrachloride	0.433	0.477		10.16	20
cis-1,2-Dichloroethene	0.740	0.868		17.3	20
Chloroform	1.118	1.324		18.43	20
1,1,1-Trichloroethane	0.951	1.128		18.61	20
Benzene	1.444	1.662		15.1	20
1,2-Dichloroethane	0.438	0.505		15.3	20
Trichloroethene	0.342	0.393		14.91	20
1,2-Dichloropropane	0.351	0.444		26.5	20
Bromodichloromethane	0.480	0.595		23.96	20
4-Methyl-2-Pentanone	0.543	0.695		27.99	20
Toluene	0.882	1.106		25.4	20
t-1,3-Dichloropropene	0.537	0.685		27.56	20
cis-1,3-Dichloropropene	0.574	0.733		27.7	20
1,1,2-Trichloroethane	0.340	0.417		22.65	20
2-Hexanone	0.350	0.451		28.86	20
Dibromochloromethane	0.354	0.442		24.86	20
Tetrachloroethene	0.316	0.372		17.72	20
Chlorobenzene	1.103	1.296	0.3	17.5	20
Ethyl Benzene	1.900	2.402		26.42	20
m/p-Xylenes	0.727	0.920		26.55	20
o-Xylene	0.696	0.881		26.58	20
Styrene	1.192	1.515		27.1	20
Bromoform	0.263	0.360	0.1	36.88	20
1,1,2,2-Tetrachloroethane	1.234	1.538	0.3	24.64	20
1,2-Dichloroethane-d4	0.669	0.710		6.13	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2402 SAS No.: Q2402 SDG No.: Q2402

Instrument ID: MSVOA_N Calibration Date/Time: 06/24/2025 11:14

Lab File ID: VN087149.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.296	0.291		-1.69	20
Toluene-d8	1.173	1.205		2.73	20
4-Bromofluorobenzene	0.436	0.477		9.4	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\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	137487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	97653	53.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.100%			
35) Dibromofluoromethane	8.171	113	79474	49.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.260%			
50) Toluene-d8	10.571	98	328802	51.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.847	95	130238	54.739	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	75859	55.338	ug/l	99
3) Chloromethane	2.395	50	87612	49.494	ug/l	94
4) Vinyl Chloride	2.553	62	97918	53.623	ug/l	100
5) Bromomethane	2.989	94	61112	59.804	ug/l	94
6) Chloroethane	3.148	64	79744	67.608	ug/l	100
7) Trichlorofluoromethane	3.524	101	158516	66.442	ug/l	97
8) Diethyl Ether	3.983	74	54183	52.125	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	78821	52.586	ug/l	99
10) Methyl Iodide	4.612	142	70970	36.525	ug/l	95
11) Tert butyl alcohol	5.542	59	122893	246.041	ug/l	100
12) 1,1-Dichloroethene	4.365	96	77987	50.963	ug/l	95
13) Acrolein	4.200	56	31770	200.944	ug/l	100
14) Allyl chloride	5.042	41	131514	51.821	ug/l	96
15) Acrylonitrile	5.736	53	312758	267.894	ug/l	99
16) Acetone	4.442	43	225499	230.999	ug/l	99
17) Carbon Disulfide	4.736	76	219661	51.894	ug/l	99
18) Methyl Acetate	5.042	43	139036	48.874	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	299001	53.964	ug/l	100
20) Methylene Chloride	5.294	84	94090	51.483	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	89609	52.632	ug/l	99
22) Diisopropyl ether	6.683	45	296130	55.355	ug/l	96
23) Vinyl Acetate	6.618	43	1278670	282.902	ug/l	100
24) 1,1-Dichloroethane	6.583	63	174758	56.765	ug/l	99
25) 2-Butanone	7.494	43	458814	289.150	ug/l	98
26) 2,2-Dichloropropane	7.500	77	151863	63.415	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	119405	58.642	ug/l	97
28) Bromochloromethane	7.824	49	78868	52.104	ug/l	96
29) Tetrahydrofuran	7.847	42	305279	295.336	ug/l	99
30) Chloroform	7.977	83	181994	59.196	ug/l	99
31) Cyclohexane	8.265	56	169316	56.711	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	155122	59.322	ug/l	100
36) 1,1-Dichloropropene	8.383	75	134302	55.716	ug/l	100
37) Ethyl Acetate	7.571	43	176549	57.535	ug/l	98
38) Carbon Tetrachloride	8.371	117	130082	54.967	ug/l	97
39) Methylcyclohexane	9.606	83	174161	52.737	ug/l	99
40) Benzene	8.612	78	453640	57.551	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	92194	53.498	ug/l		96
42) 1,2-Dichloroethane	8.677	62	137745	57.615	ug/l		98
43) Isopropyl Acetate	8.694	43	280389	56.931	ug/l		99
44) Trichloroethene	9.359	130	107191	57.351	ug/l		97
45) 1,2-Dichloropropane	9.624	63	121109	63.154	ug/l		99
46) Dibromomethane	9.712	93	80926	63.534	ug/l		98
47) Bromodichloromethane	9.888	83	162351	61.949	ug/l		100
48) Methyl methacrylate	9.682	41	142381	62.811	ug/l		98
49) 1,4-Dioxane	9.706	88	46819	1135.322	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	949150	320.127	ug/l		99
52) Toluene	10.629	92	301813	62.654	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	186898	63.778	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	200180	63.843	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	113832	61.413	ug/l		98
56) Ethyl methacrylate	10.882	69	195680	66.282	ug/l		99
57) 1,3-Dichloropropane	11.165	76	200521	62.363	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	486105	276.060	ug/l		97
59) 2-Hexanone	11.200	43	615775	322.428	ug/l		98
60) Dibromochloromethane	11.359	129	120756	62.530	ug/l		99
61) 1,2-Dibromoethane	11.471	107	118347	62.293	ug/l		97
64) Tetrachloroethene	11.106	164	86655	58.842	ug/l		98
65) Chlorobenzene	11.894	112	301514	58.749	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	105299	63.827	ug/l		98
67) Ethyl Benzene	11.965	91	558969	63.230	ug/l		98
68) m/p-Xylenes	12.070	106	428084	126.501	ug/l		98
69) o-Xylene	12.394	106	205080	63.276	ug/l		100
70) Styrene	12.412	104	352463	63.553	ug/l		99
71) Bromoform	12.582	173	83868	68.611	ug/l	#	99
73) Isopropylbenzene	12.694	105	531774	59.271	ug/l		100
74) N-amyl acetate	12.512	43	177947	56.759	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	189370	62.304	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	160418m	54.799	ug/l		
77) Bromobenzene	12.982	156	127228	61.834	ug/l		99
78) n-propylbenzene	13.035	91	648828	59.508	ug/l		99
79) 2-Chlorotoluene	13.123	91	388887	59.474	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	436328	58.905	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	79117	62.213	ug/l		94
82) 4-Chlorotoluene	13.223	91	403857	61.041	ug/l		99
83) tert-Butylbenzene	13.435	119	389864	57.498	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	420510	56.613	ug/l		99
85) sec-Butylbenzene	13.612	105	542616	55.106	ug/l		100
86) p-Isopropyltoluene	13.729	119	452114	55.545	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	239675	59.205	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	236345	57.264	ug/l		99
89) n-Butylbenzene	14.053	91	406999	51.623	ug/l		99
90) Hexachloroethane	14.329	117	80141	58.085	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	231180	59.440	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42396	58.325	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	134546	54.175	ug/l		99
94) Hexachlorobutadiene	15.500	225	38999	42.148	ug/l		99
95) Naphthalene	15.635	128	530904	57.431	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	120343	48.771	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

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

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

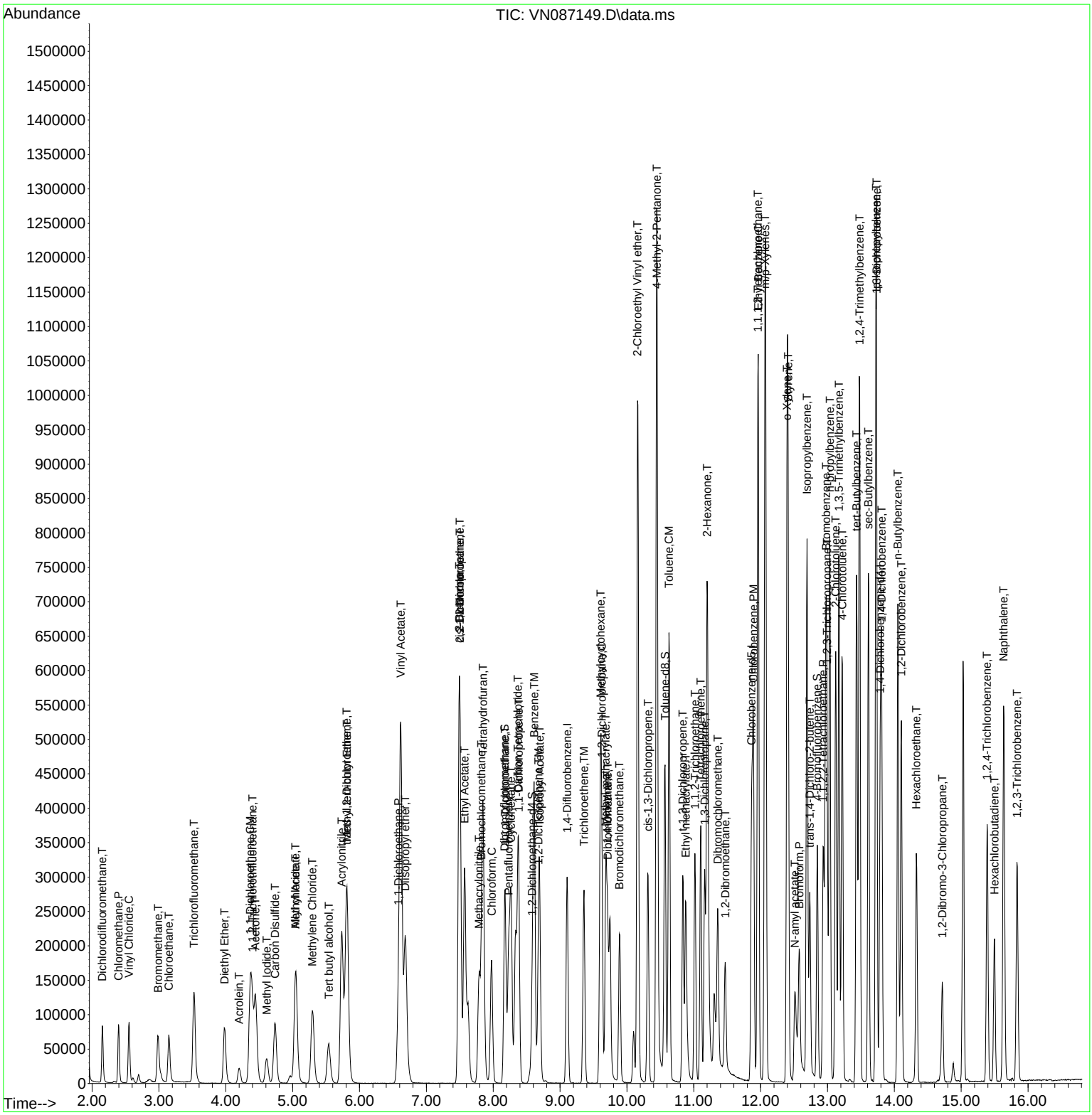
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



Sample Results: **VN087149.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	66	0.00
2	T	Dichlorodifluoromethane	0.499	0.552	-10.6	73	0.00
3	P	Chloromethane	0.644	0.637	1.1	71	0.00
4	C	Vinyl Chloride	0.664	0.712	-7.2#	74	0.00
5	T	Bromomethane	0.372	0.444	-19.4	83	0.00
6	T	Chloroethane	0.429	0.580	-35.2#	94	0.00
7	T	Trichlorofluoromethane	0.868	1.153	-32.8#	92	0.00
8	T	Diethyl Ether	0.378	0.394	-4.2	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.573	-5.1	73	0.00
10	T	Methyl Iodide	0.707	0.516	27.0#	50	0.00
11	T	Tert butyl alcohol	0.182	0.179	1.6	67	0.00
12	CM	1,1-Dichloroethene	0.557	0.567	-1.8#	71	0.00
13	T	Acrolein	0.057	0.046	19.3	68	0.00
14	T	Allyl chloride	0.923	0.957	-3.7	73	0.00
15	T	Acrylonitrile	0.425	0.455	-7.1	74	0.00
16	T	Acetone	0.355	0.328	7.6	68	0.00
17	T	Carbon Disulfide	1.539	1.598	-3.8	74	0.00
18	T	Methyl Acetate	1.035	1.011	2.3	68	0.00
19	T	Methyl tert-butyl Ether	2.015	2.175	-7.9	75	0.00
20	T	Methylene Chloride	0.665	0.684	-2.9	75	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.652	-5.3	76	0.00
22	T	Diisopropyl ether	1.945	2.154	-10.7	77	0.00
23	T	Vinyl Acetate	1.644	1.860	-13.1	78	0.00
24	P	1,1-Dichloroethane	1.120	1.271	-13.5	79	0.00
25	T	2-Butanone	0.577	0.667	-15.6	80	0.00
26	T	2,2-Dichloropropane	0.871	1.105	-26.9#	81	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.868	-17.3	82	0.00
28	T	Bromochloromethane	0.550	0.574	-4.4	82	0.00
29	T	Tetrahydrofuran	0.376	0.444	-18.1	82	0.00
30	C	Chloroform	1.118	1.324	-18.4#	83	0.00
31	T	Cyclohexane	1.086	1.232	-13.4	81	0.00
32	T	1,1,1-Trichloroethane	0.951	1.128	-18.6	84	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.710	-6.1	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35	S	Dibromofluoromethane	0.296	0.291	1.7	96	0.00
36	T	1,1-Dichloropropene	0.442	0.492	-11.3	85	0.00
37	T	Ethyl Acetate	0.562	0.647	-15.1	87	0.00
38	T	Carbon Tetrachloride	0.433	0.477	-10.2	84	0.00
39	T	Methylcyclohexane	0.605	0.638	-5.5	81	0.00
40	TM	Benzene	1.444	1.662	-15.1	89	0.00
41	T	Methacrylonitrile	0.316	0.338	-7.0	80	0.00
42	TM	1,2-Dichloroethane	0.438	0.505	-15.3	88	0.00
43	T	Isopropyl Acetate	0.902	1.027	-13.9	87	0.00
44	TM	Trichloroethene	0.342	0.393	-14.9	87	0.00
45	C	1,2-Dichloropropane	0.351	0.444	-26.5#	96	0.00
46	T	Dibromomethane	0.233	0.296	-27.0#	97	0.00
47	T	Bromodichloromethane	0.480	0.595	-24.0	94	0.00
48	T	Methyl methacrylate	0.415	0.522	-25.8#	96	0.00

Sample Results: **VN087149.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	0.008	0.009	-12.5	79	0.00
50	S	Toluene-d8	1.173	1.205	-2.7	101	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.695	-28.0#	93	0.00
52	CM	Toluene	0.882	1.106	-25.4#	95	0.00
53	T	t-1,3-Dichloropropene	0.537	0.685	-27.6#	95	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.733	-27.7#	96	0.00
55	T	1,1,2-Trichloroethane	0.340	0.417	-22.6	93	0.00
56	T	Ethyl methacrylate	0.541	0.717	-32.5#	93	0.00
57	T	1,3-Dichloropropane	0.589	0.735	-24.8	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.356	-10.2	94	0.00
59	T	2-Hexanone	0.350	0.451	-28.9#	88	0.00
60	T	Dibromochloromethane	0.354	0.442	-24.9	94	0.00
61	T	1,2-Dibromoethane	0.348	0.434	-24.7	95	0.00
62	S	4-Bromofluorobenzene	0.436	0.477	-9.4	106	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64	T	Tetrachloroethene	0.316	0.372	-17.7	89	0.00
65	PM	Chlorobenzene	1.103	1.296	-17.5	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.453	-28.0#	94	0.00
67	C	Ethyl Benzene	1.899	2.402	-26.5#	94	0.00
68	T	m/p-Xylenes	0.727	0.920	-26.5#	92	0.00
69	T	o-Xylene	0.696	0.881	-26.6#	91	0.00
70	T	Styrene	1.192	1.515	-27.1#	91	0.00
71	P	Bromoform	0.263	0.360	-36.9#	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73	T	Isopropylbenzene	3.643	4.318	-18.5	93	0.00
74	T	N-amyl acetate	1.273	1.445	-13.5	84	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.538	-24.6	96	0.00
76	T	1,2,3-Trichloropropane	1.189	1.303	-9.6	82	0.00
77	T	Bromobenzene	0.835	1.033	-23.7	96	0.00
78	T	n-propylbenzene	4.427	5.268	-19.0	92	0.00
79	T	2-Chlorotoluene	2.655	3.158	-18.9	93	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.543	-17.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.642	-24.4	99	0.00
82	T	4-Chlorotoluene	2.686	3.279	-22.1	95	0.00
83	T	tert-Butylbenzene	2.753	3.166	-15.0	89	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.415	-13.2	86	0.00
85	T	sec-Butylbenzene	3.998	4.406	-10.2	85	0.00
86	T	p-Isopropyltoluene	3.305	3.671	-11.1	85	0.00
87	T	1,3-Dichlorobenzene	1.644	1.946	-18.4	92	0.00
88	T	1,4-Dichlorobenzene	1.676	1.919	-14.5	90	0.00
89	T	n-Butylbenzene	3.201	3.305	-3.2	79	0.00
90	T	Hexachloroethane	0.560	0.651	-16.2	89	0.00
91	T	1,2-Dichlorobenzene	1.579	1.877	-18.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.344	-16.6	93	0.00
93	T	1,2,4-Trichlorobenzene	1.008	1.093	-8.4	83	0.00
94	T	Hexachlorobutadiene	0.376	0.317	15.7	64	0.00
95	T	Naphthalene	3.753	4.311	-14.9	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1.002	0.977	2.5	76	0.00

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

Sample Results: **VN087149.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	55.338	-10.7	73	0.00
3	P	Chloromethane	50.000	49.494	1.0	71	0.00
4	C	Vinyl Chloride	50.000	53.623	-7.2#	74	0.00
5	T	Bromomethane	50.000	59.804	-19.6	83	0.00
6	T	Chloroethane	50.000	67.608	-35.2#	94	0.00
7	T	Trichlorofluoromethane	50.000	66.442	-32.9#	92	0.00
8	T	Diethyl Ether	50.000	52.125	-4.3	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.586	-5.2	73	0.00
10	T	Methyl Iodide	50.000	36.525	27.0#	50	0.00
11	T	Tert butyl alcohol	250.000	246.041	1.6	67	0.00
12	CM	1,1-Dichloroethene	50.000	50.963	-1.9#	71	0.00
13	T	Acrolein	250.000	200.944	19.6	68	0.00
14	T	Allyl chloride	50.000	51.821	-3.6	73	0.00
15	T	Acrylonitrile	250.000	267.894	-7.2	74	0.00
16	T	Acetone	250.000	230.999	7.6	68	0.00
17	T	Carbon Disulfide	50.000	51.894	-3.8	74	0.00
18	T	Methyl Acetate	50.000	48.874	2.3	68	0.00
19	T	Methyl tert-butyl Ether	50.000	53.964	-7.9	75	0.00
20	T	Methylene Chloride	50.000	51.483	-3.0	75	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.632	-5.3	76	0.00
22	T	Diisopropyl ether	50.000	55.355	-10.7	77	0.00
23	T	Vinyl Acetate	250.000	282.902	-13.2	78	0.00
24	P	1,1-Dichloroethane	50.000	56.765	-13.5	79	0.00
25	T	2-Butanone	250.000	289.150	-15.7	80	0.00
26	T	2,2-Dichloropropane	50.000	63.415	-26.8#	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.642	-17.3	82	0.00
28	T	Bromochloromethane	50.000	52.104	-4.2	82	0.00
29	T	Tetrahydrofuran	250.000	295.336	-18.1	82	0.00
30	C	Chloroform	50.000	59.196	-18.4#	83	0.00
31	T	Cyclohexane	50.000	56.711	-13.4	81	0.00
32	T	1,1,1-Trichloroethane	50.000	59.322	-18.6	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.049	-6.1	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	49.129	1.7	96	0.00
36	T	1,1-Dichloropropene	50.000	55.716	-11.4	85	0.00
37	T	Ethyl Acetate	50.000	57.535	-15.1	87	0.00
38	T	Carbon Tetrachloride	50.000	54.967	-9.9	84	0.00
39	T	Methylcyclohexane	50.000	52.737	-5.5	81	0.00
40	TM	Benzene	50.000	57.551	-15.1	89	0.00
41	T	Methacrylonitrile	50.000	53.498	-7.0	80	0.00
42	TM	1,2-Dichloroethane	50.000	57.615	-15.2	88	0.00
43	T	Isopropyl Acetate	50.000	56.931	-13.9	87	0.00
44	TM	Trichloroethene	50.000	57.351	-14.7	87	0.00
45	C	1,2-Dichloropropane	50.000	63.154	-26.3#	96	0.00
46	T	Dibromomethane	50.000	63.534	-27.1#	97	0.00
47	T	Bromodichloromethane	50.000	61.949	-23.9	94	0.00
48	T	Methyl methacrylate	50.000	62.811	-25.6#	96	0.00

Sample Results: **VN087149.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1135.322	-13.5	79	0.00
50	S	Toluene-d8	50.000	51.344	-2.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	320.127	-28.1#	93	0.00
52	CM	Toluene	50.000	62.654	-25.3#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	63.778	-27.6#	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	63.843	-27.7#	96	0.00
55	T	1,1,2-Trichloroethane	50.000	61.413	-22.8	93	0.00
56	T	Ethyl methacrylate	50.000	66.282	-32.6#	93	0.00
57	T	1,3-Dichloropropane	50.000	62.363	-24.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.060	-10.4	94	0.00
59	T	2-Hexanone	250.000	322.428	-29.0#	88	0.00
60	T	Dibromochloromethane	50.000	62.530	-25.1#	94	0.00
61	T	1,2-Dibromoethane	50.000	62.293	-24.6	95	0.00
62	S	4-Bromofluorobenzene	50.000	54.739	-9.5	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64	T	Tetrachloroethene	50.000	58.842	-17.7	89	0.00
65	PM	Chlorobenzene	50.000	58.749	-17.5	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	63.827	-27.7#	94	0.00
67	C	Ethyl Benzene	50.000	63.230	-26.5#	94	0.00
68	T	m/p-Xylenes	100.000	126.501	-26.5#	92	0.00
69	T	o-Xylene	50.000	63.276	-26.6#	91	0.00
70	T	Styrene	50.000	63.553	-27.1#	91	0.00
71	P	Bromoform	50.000	68.611	-37.2#	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	59.271	-18.5	93	0.00
74	T	N-amyl acetate	50.000	56.759	-13.5	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	62.304	-24.6	96	0.00
76	T	1,2,3-Trichloropropane	50.000	54.799	-9.6	82	0.00
77	T	Bromobenzene	50.000	61.834	-23.7	96	0.00
78	T	n-propylbenzene	50.000	59.508	-19.0	92	0.00
79	T	2-Chlorotoluene	50.000	59.474	-18.9	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.905	-17.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	62.213	-24.4	99	0.00
82	T	4-Chlorotoluene	50.000	61.041	-22.1	95	0.00
83	T	tert-Butylbenzene	50.000	57.498	-15.0	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.613	-13.2	86	0.00
85	T	sec-Butylbenzene	50.000	55.106	-10.2	85	0.00
86	T	p-Isopropyltoluene	50.000	55.545	-11.1	85	0.00
87	T	1,3-Dichlorobenzene	50.000	59.205	-18.4	92	0.00
88	T	1,4-Dichlorobenzene	50.000	57.264	-14.5	90	0.00
89	T	n-Butylbenzene	50.000	51.623	-3.2	79	0.00
90	T	Hexachloroethane	50.000	58.085	-16.2	89	0.00
91	T	1,2-Dichlorobenzene	50.000	59.440	-18.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.325	-16.7	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.175	-8.3	83	0.00
94	T	Hexachlorobutadiene	50.000	42.148	15.7	64	0.00
95	T	Naphthalene	50.000	57.431	-14.9	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087149.D
Acq On : 24 Jun 2025 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.771	2.5	76	0.00

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

QC SAMPLE DATA

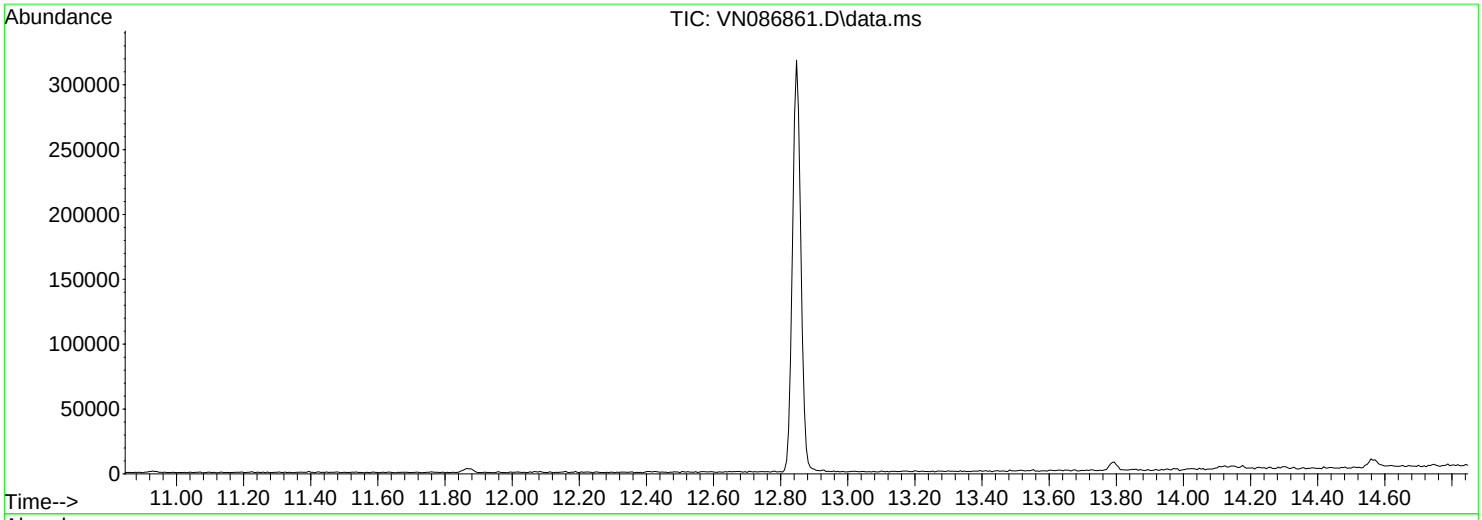
Sample Results: **VN086861.D**

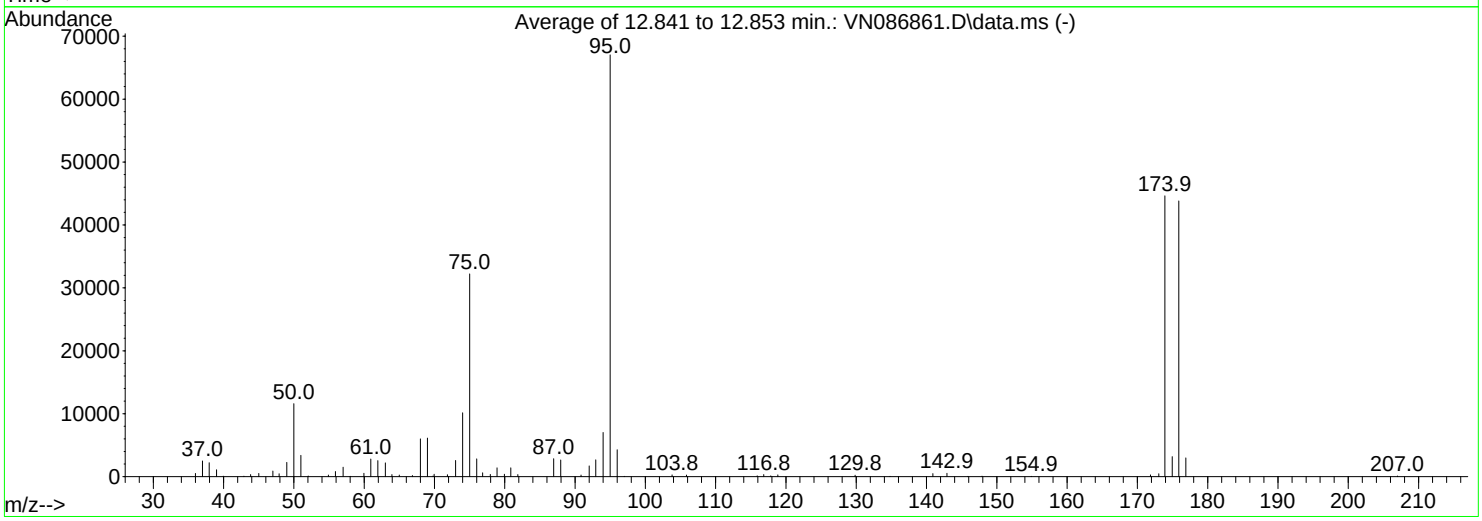
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086861.D
Acq On : 06 Jun 2025 07:59
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	11610	PASS
75	95	30	60	48.1	32235	PASS
95	95	100	100	100.0	67037	PASS
96	95	5	9	6.4	4284	PASS
173	174	0.00	2	1.0	453	PASS
174	95	50	100	66.6	44632	PASS
175	174	5	9	7.1	3184	PASS
176	174	95	101	98.1	43805	PASS
177	176	5	9	6.8	2979	PASS

Average of 12.841 to 12.853 min.: VN086861.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	508	50.00	11610	63.95	331	76.00	281
37.00	2495	51.00	3387	65.00	260	76.85	60
37.95	2209	52.05	112	66.85	177	77.95	34
39.00	1096	54.90	253	68.00	6008	78.90	141
39.95	84	55.90	806	69.00	6141	79.95	395
42.90	88	57.00	1501	69.80	100	80.85	1397
43.85	329	58.00	50	69.95	383	81.85	328
45.00	512	59.95	526	71.85	297	86.95	2851
47.00	882	60.95	2806	73.00	2562	87.95	2646
47.90	460	61.95	2535	74.00	10138	90.85	264
49.00	2276	63.00	2195	75.00	32235	92.00	1704

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN086861.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.95	2660	129.85	228	175.90	43805		
94.00	7029	134.80	66	176.90	2979		
95.00	67037	140.90	488	207.00	111		
96.00	4284	142.90	542				
97.00	57	145.90	54				
103.80	279	147.90	82				
105.85	267	154.90	64				
115.90	128	171.85	288				
116.85	345	173.05	453				
117.85	116	173.90	44632				
118.85	274	174.95	3184				

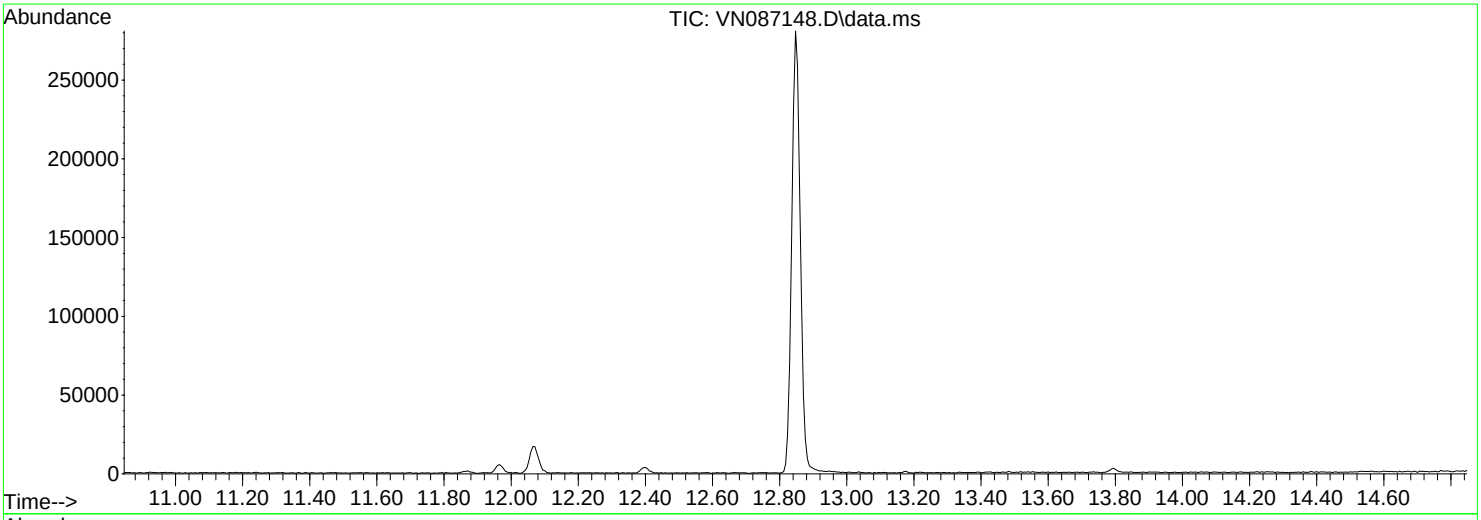
Sample Results: **VN087148.D**

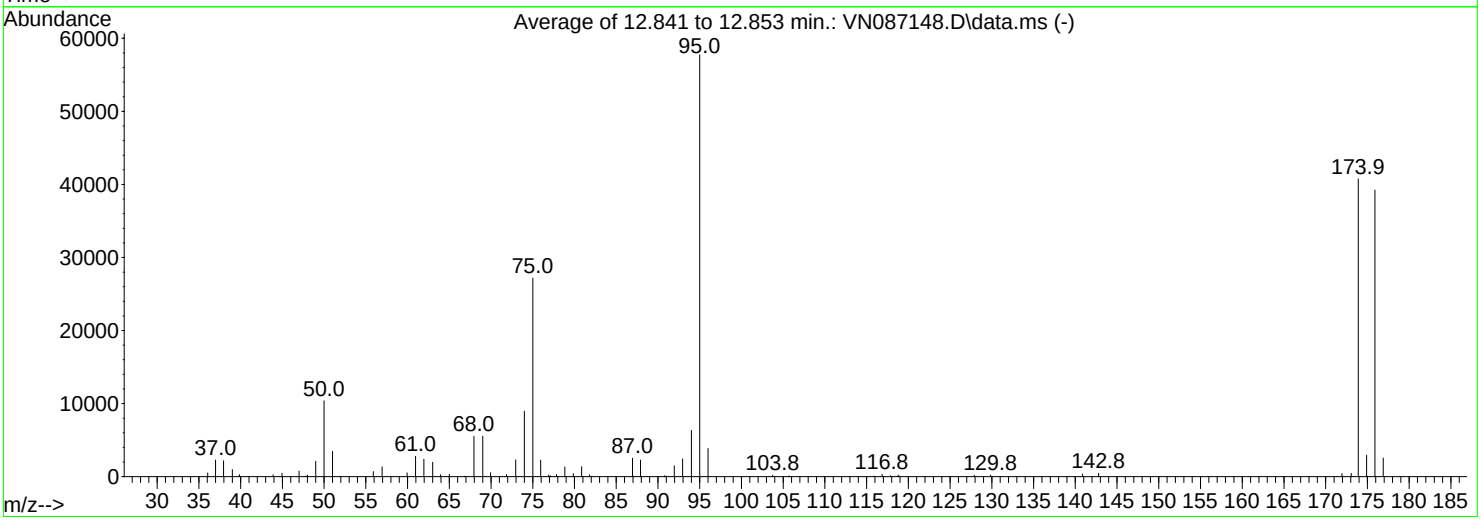
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087148.D
Acq On : 24 Jun 2025 10:41
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	10375	PASS
75	95	30	60	47.1	27173	PASS
95	95	100	100	100.0	57736	PASS
96	95	5	9	6.7	3861	PASS
173	174	0.00	2	1.1	457	PASS
174	95	50	100	70.6	40760	PASS
175	174	5	9	7.2	2943	PASS
176	174	95	101	96.2	39221	PASS
177	176	5	9	6.5	2548	PASS

Average of 12.841 to 12.853 min.: VN087148.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	496	50.00	10375	66.80	59	77.85	28
37.00	2272	51.00	3462	67.95	5530	78.85	133
37.95	2178	51.90	64	69.00	5537	79.85	40
39.00	970	55.90	711	69.95	553	80.85	135
39.85	276	56.95	1345	71.85	291	81.80	233
43.90	270	59.95	524	72.95	2311	86.95	2520
44.95	474	60.95	2789	74.00	8960	87.90	2285
47.00	768	61.95	2383	75.00	27173	90.80	130
47.80	84	63.00	1981	75.95	2250	91.00	63
48.00	225	63.95	263	76.90	218	91.95	1491
49.00	2103	65.00	339	77.10	101	92.95	2442

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN087148.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	6339	127.90	194				
95.00	57736	129.85	225				
96.00	3861	140.85	363				
103.75	199	142.80	460				
105.70	107	171.95	417				
105.90	55	173.05	457				
115.90	81	173.90	40760				
116.85	330	174.90	2943				
117.85	136	175.90	39221				
118.70	86	176.90	2548				
118.85	194						

Raw Data: **VN087150.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:	Pit		Date Received:		
Client Sample ID:	VN0624WBL01		SDG No.:	Q2402	
Lab Sample ID:	VN0624WBL01		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:	Prep Date	Date Analyzed	Prep Batch ID
VN087150.D	1		06/24/25 12:44	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	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
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
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
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
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VN087150.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:	Pit	Date Received:	
Client Sample ID:	VN0624WBL01	SDG No.:	Q2402
Lab Sample ID:	VN0624WBL01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN087150.D	1		06/24/25 12:44	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	149000	8.23			
540-36-3	1,4-Difluorobenzene	288000	9.106			
3114-55-4	Chlorobenzene-d5	276000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.788			

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\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Time: Jun 25 04:14:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

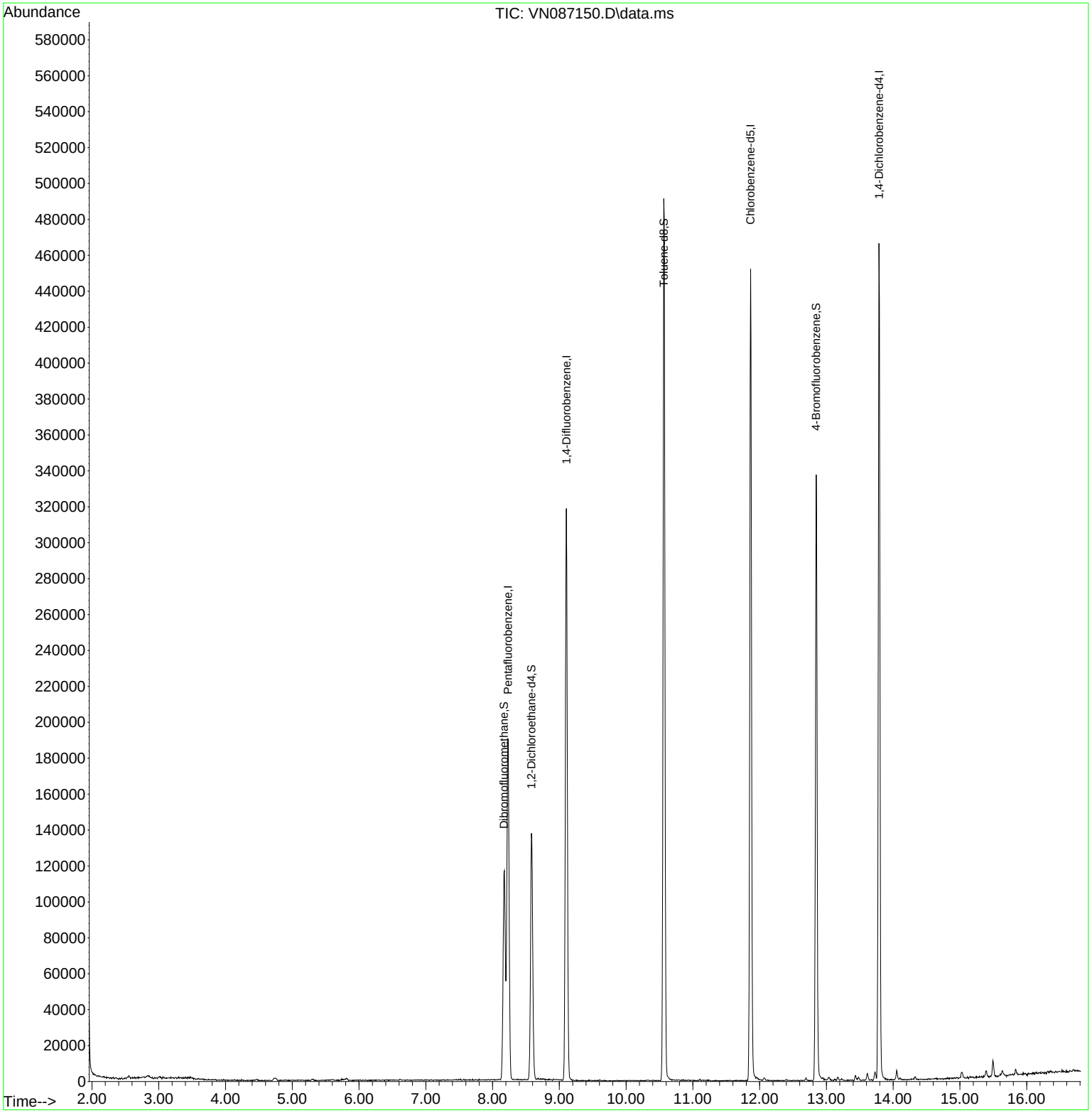
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	149121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112496	56.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.171	113	90627	53.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.565	98	357644	52.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.847	95	131459	52.390	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.780%			
Target Compounds						Qvalue

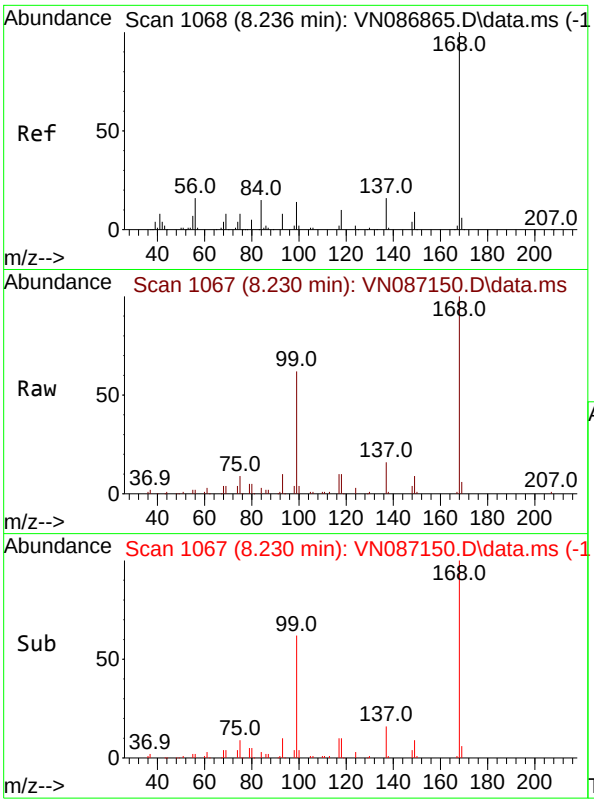
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Time: Jun 25 04:14:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



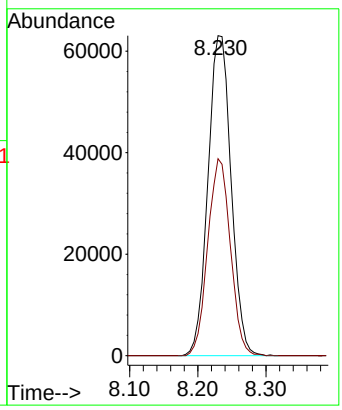


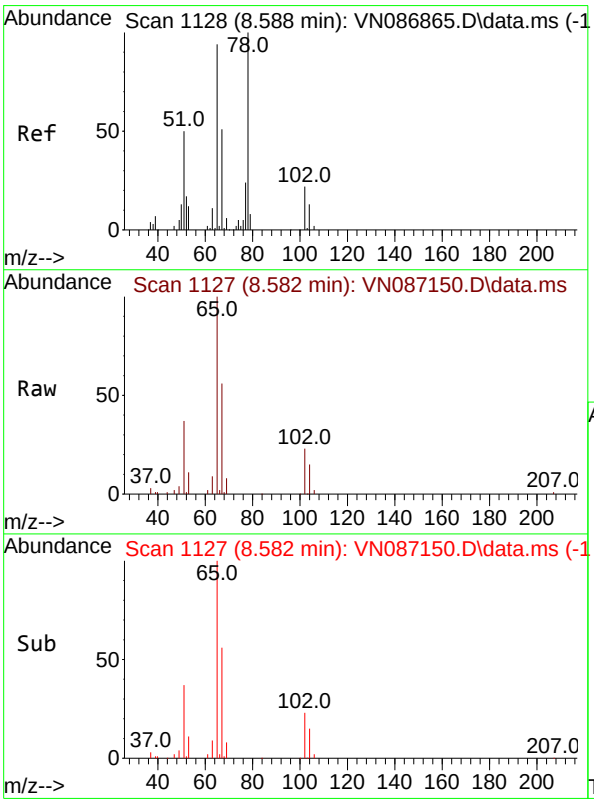
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion:168 Resp: 149121

Ion	Ratio	Lower	Upper
168	100		
99	61.6	49.1	73.7

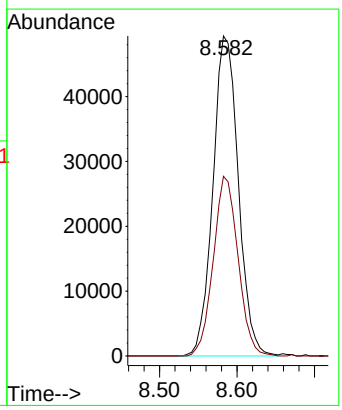


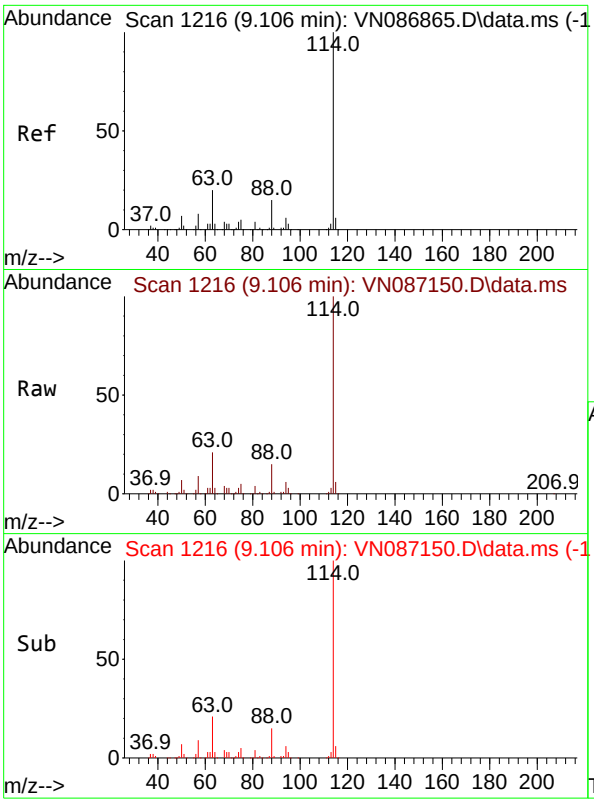


#33
1,2-Dichloroethane-d4
Concen: 56.345 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Tgt Ion: 65 Resp: 112496

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.6



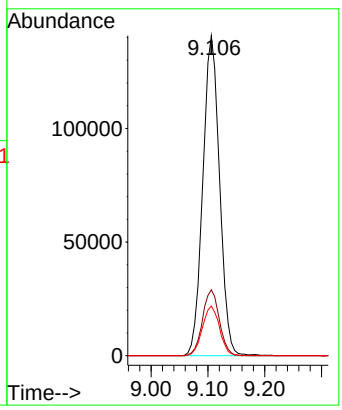


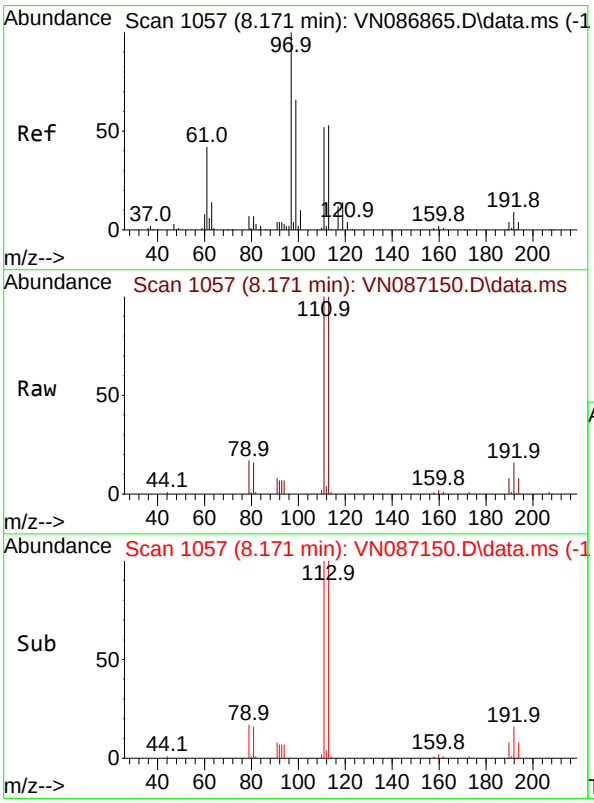
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion:114 Resp: 287883

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.5	0.0	30.2

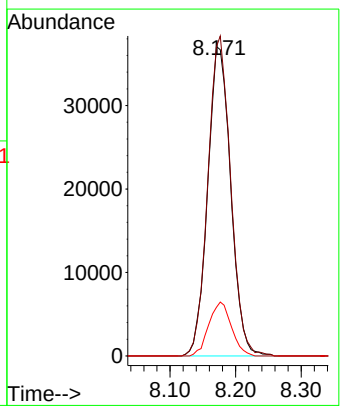


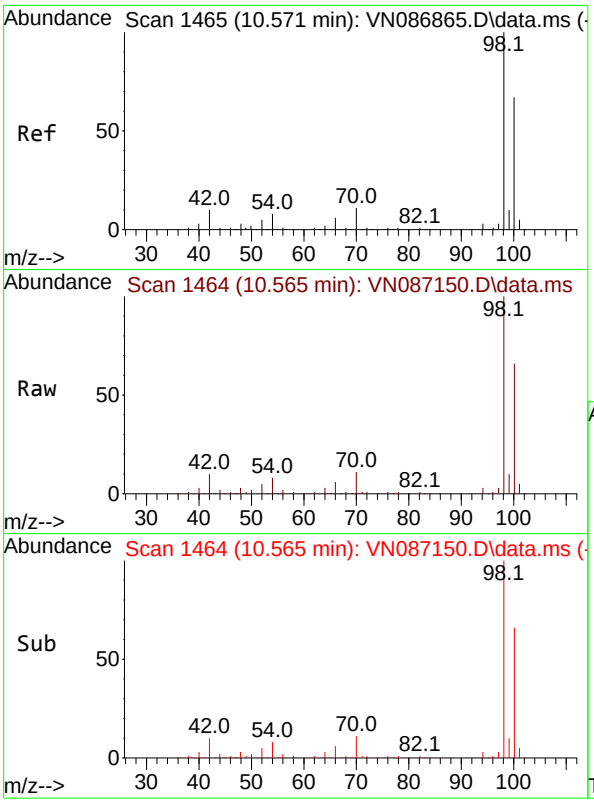


#35
Dibromofluoromethane
Concen: 53.121 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Tgt Ion:113 Resp: 90627

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	17.1	14.2	21.4



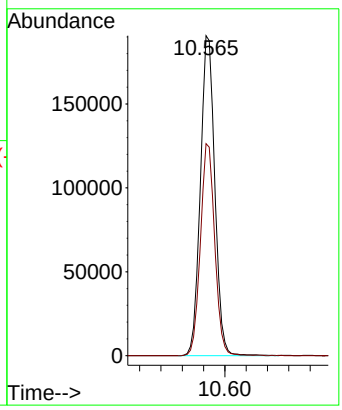


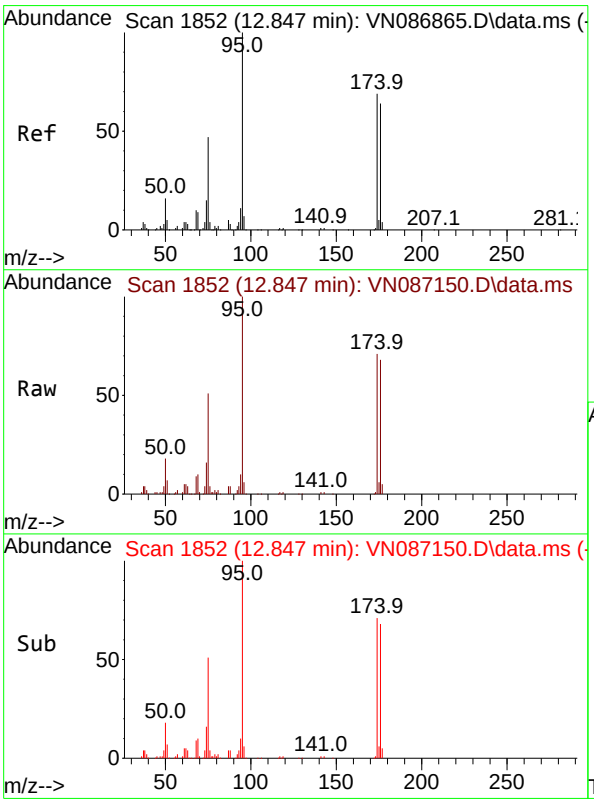
#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion: 98 Resp: 357644

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0

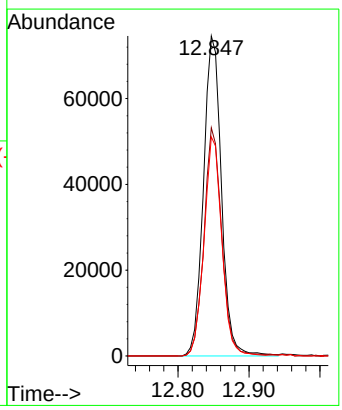


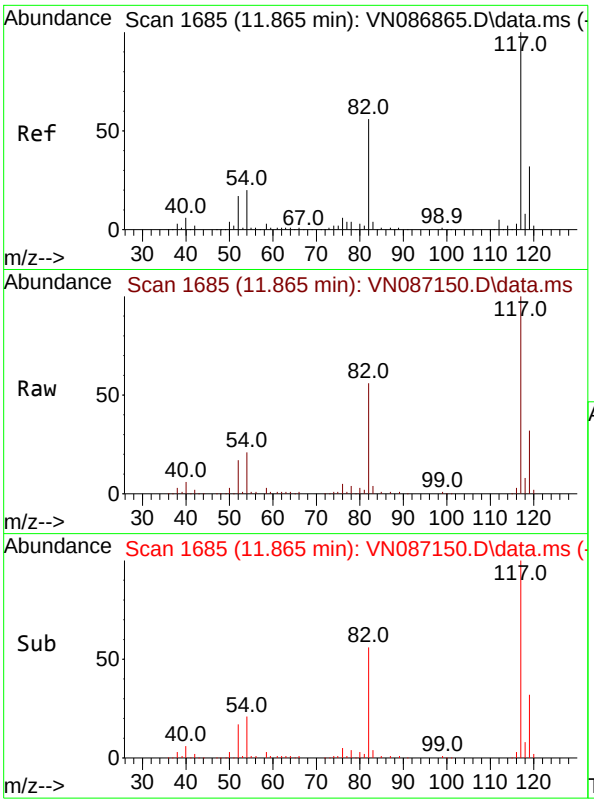


#62
4-Bromofluorobenzene
Concen: 52.390 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Tgt Ion: 95 Resp: 131459

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	141.8
176	67.7	0.0	132.6



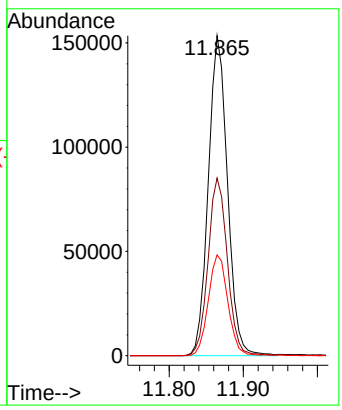


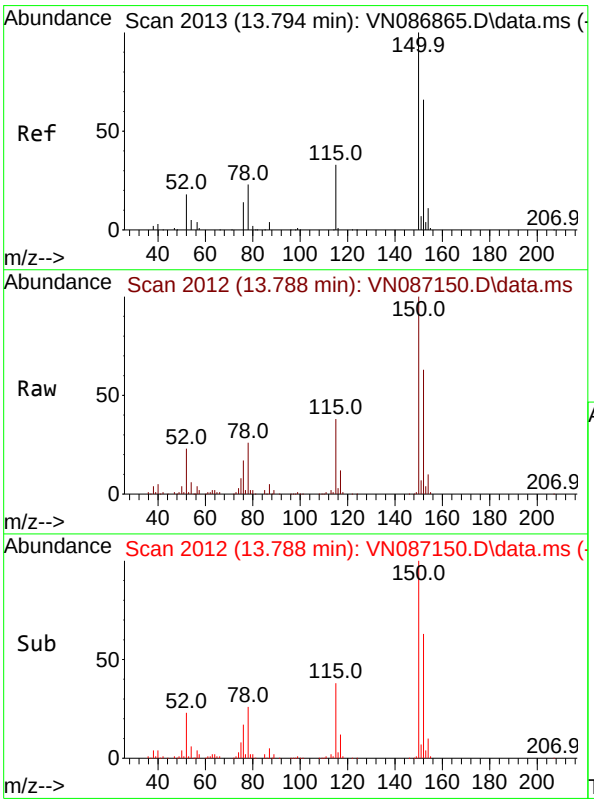
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion:117 Resp: 275522

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	67.0
119	31.5	25.5	38.3

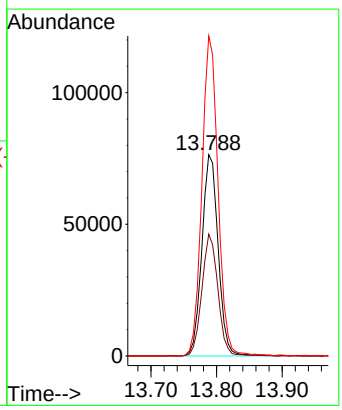




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087150.D
Acq: 24 Jun 2025 12:44

Tgt Ion:152 Resp: 132163

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.1	90.5
150	157.5	0.0	345.0



Sample Results: **VN087150.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

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\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1048	1058	1062	rBV2	116437	279335	30.39%	5.810%
2	8.230	1062	1067	1080	rVB	189983	442495	48.14%	9.204%
3	8.582	1117	1127	1139	rBV	137269	310878	33.82%	6.466%
4	9.106	1205	1216	1231	rVB	318570	651800	70.90%	13.557%
5	10.565	1456	1464	1479	rBV	491315	919260	100.00%	19.120%
6	11.865	1677	1685	1698	rBV	451989	817506	88.93%	17.004%
7	12.847	1843	1852	1866	rBV	337517	585477	63.69%	12.178%
8	13.788	2005	2012	2025	rVV	465303	787212	85.64%	16.374%
9	15.494	2297	2302	2308	rBV5	9055	13780	1.50%	0.287%

Sum of corrected areas: 4807743

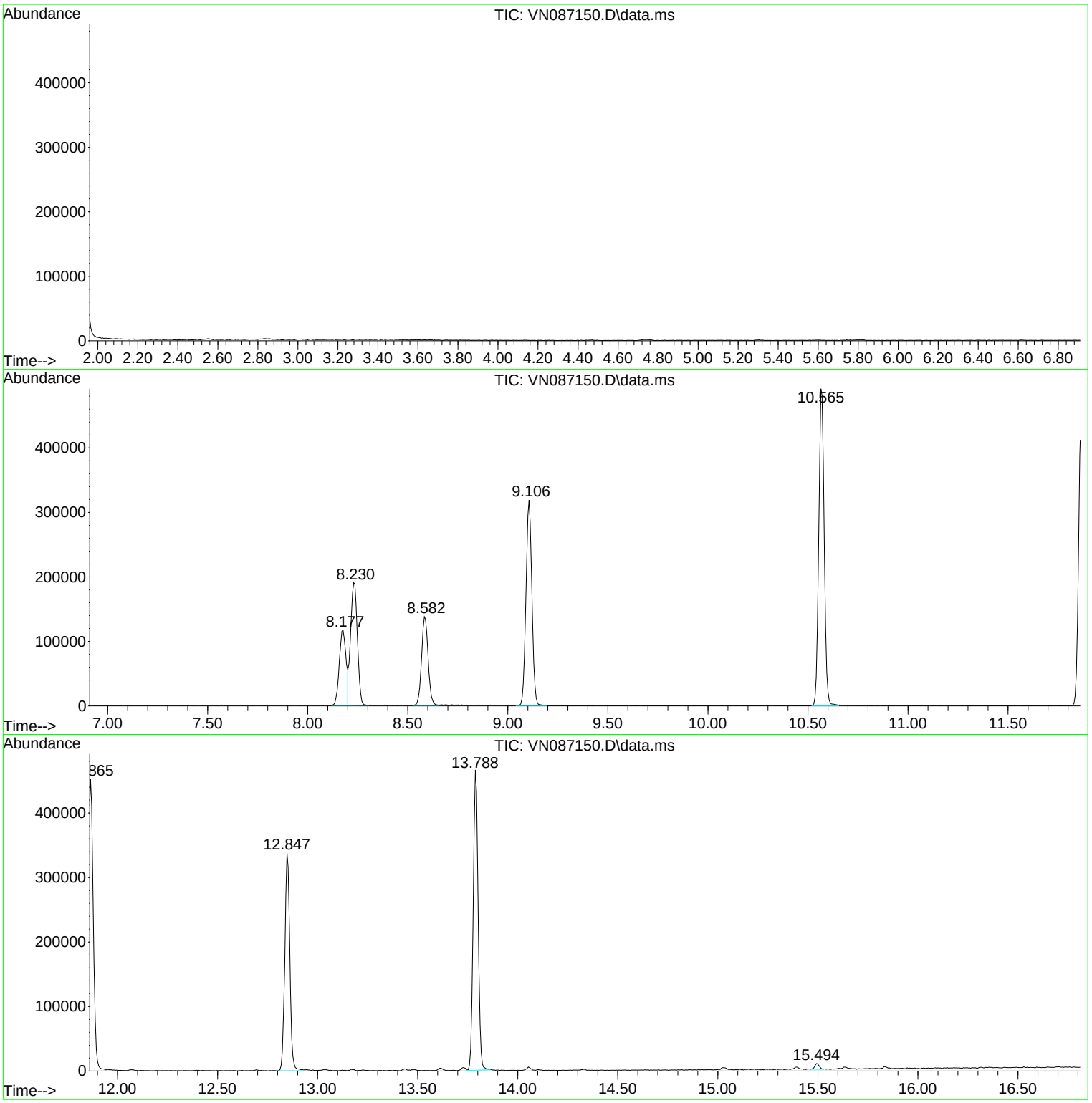
Sample Results: **VN087150.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087150.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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\VN062425\
Data File : VN087150.D
Acq On : 24 Jun 2025 12:44
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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: **VN087152.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:	Pit		Date Received:		
Client Sample ID:	VN0624WBS01		SDG No.:	Q2402	
Lab Sample ID:	VN0624WBS01		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:	Prep Date	Date Analyzed	Prep Batch ID
VN087152.D	1		06/24/25 13:28	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	17.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	16.8		1.40	5.00	ug/L
75-00-3	Chloroethane	15.2		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	94.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.23	1.00	ug/L
67-64-1	Acetone	98.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.0		0.23	1.00	ug/L
78-93-3	2-Butanone	98.8		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.5		0.19	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
71-43-2	Benzene	18.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.6		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	85.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.2		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L

Raw Data: **VN087152.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:	Pit	Date Received:	
Client Sample ID:	VN0624WBS01	SDG No.:	Q2402
Lab Sample ID:	VN0624WBS01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN087152.D	1		06/24/25 13:28	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.8		0.24	2.00	ug/L
95-47-6	o-Xylene	18.3		0.12	1.00	ug/L
100-42-5	Styrene	18.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.8		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	161000	8.23			
540-36-3	1,4-Difluorobenzene	295000	9.106			
3114-55-4	Chlorobenzene-d5	279000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.788			

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\VN062425\
Data File : VN087152.D
Acq On : 24 Jun 2025 13:28
Operator : JC\MD
Sample : VN0624WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 04:15:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	160941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	113184	52.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.060%			
35) Dibromofluoromethane	8.171	113	90211	51.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	10.571	98	326329	47.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.300%			
62) 4-Bromofluorobenzene	12.847	95	135288	52.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	31661	19.730	ug/l	98
3) Chloromethane	2.401	50	36392	17.562	ug/l	97
4) Vinyl Chloride	2.554	62	41560	19.443	ug/l	99
5) Bromomethane	2.995	94	20133	16.831	ug/l	100
6) Chloroethane	3.159	64	21013	15.219	ug/l	100
7) Trichlorofluoromethane	3.524	101	46896	16.792	ug/l	100
8) Diethyl Ether	3.989	74	23519	19.328	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	36085	20.566	ug/l	99
10) Methyl Iodide	4.618	142	25405	11.169	ug/l	99
11) Tert butyl alcohol	5.542	59	54983	94.038	ug/l	99
12) 1,1-Dichloroethene	4.371	96	34607	19.319	ug/l	94
13) Acrolein	4.200	56	18468	99.787	ug/l	100
14) Allyl chloride	5.042	41	58416	19.663	ug/l	94
15) Acrylonitrile	5.736	53	133184	97.454	ug/l	99
16) Acetone	4.448	43	112754	98.672	ug/l	94
17) Carbon Disulfide	4.736	76	95894	19.353	ug/l	99
18) Methyl Acetate	5.053	43	63568	19.089	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	128907	19.875	ug/l	96
20) Methylene Chloride	5.300	84	41146	19.233	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	39638	19.889	ug/l	95
22) Diisopropyl ether	6.689	45	130247	20.799	ug/l	97
23) Vinyl Acetate	6.618	43	564929	106.774	ug/l	99
24) 1,1-Dichloroethane	6.583	63	75573	20.971	ug/l	98
25) 2-Butanone	7.494	43	183518	98.801	ug/l	97
26) 2,2-Dichloropropane	7.500	77	63276	22.572	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	48958	20.540	ug/l	99
28) Bromochloromethane	7.824	49	37026	20.896	ug/l	93
29) Tetrahydrofuran	7.853	42	118013	97.531	ug/l	95
30) Chloroform	7.977	83	70126	19.485	ug/l	100
31) Cyclohexane	8.265	56	59419	17.002	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	59802	19.537	ug/l	97
36) 1,1-Dichloropropene	8.383	75	47297	18.154	ug/l	99
37) Ethyl Acetate	7.571	43	69677	21.009	ug/l	97
38) Carbon Tetrachloride	8.371	117	48206	18.847	ug/l	90
39) Methylcyclohexane	9.606	83	52734	14.774	ug/l	97
40) Benzene	8.612	78	153012	17.961	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087152.D
Acq On : 24 Jun 2025 13:28
Operator : JC\MD
Sample : VN0624WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 04:15:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	37255	20.002	ug/l		97
42) 1,2-Dichloroethane	8.677	62	51594	19.967	ug/l		96
43) Isopropyl Acetate	8.694	43	97712	18.357	ug/l		98
44) Trichloroethene	9.359	130	36977	18.305	ug/l		98
45) 1,2-Dichloropropane	9.624	63	36748	17.730	ug/l		96
46) Dibromomethane	9.712	93	26638	19.350	ug/l		99
47) Bromodichloromethane	9.894	83	55084	19.447	ug/l	#	98
48) Methyl methacrylate	9.682	41	43513	17.760	ug/l		93
49) 1,4-Dioxane	9.700	88	14048	315.185	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	306204	95.555	ug/l		95
52) Toluene	10.630	92	96477	18.531	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	62008	19.578	ug/l		95
54) cis-1,3-Dichloropropene	10.318	75	62613	18.476	ug/l		96
55) 1,1,2-Trichloroethane	11.018	97	38892	19.414	ug/l		99
56) Ethyl methacrylate	10.888	69	54557	17.098	ug/l		93
57) 1,3-Dichloropropane	11.165	76	65889	18.960	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	169369	88.994	ug/l		100
59) 2-Hexanone	11.212	43	175535	85.041	ug/l		97
60) Dibromochloromethane	11.359	129	42257	20.246	ug/l		99
61) 1,2-Dibromoethane	11.471	107	41336	20.131	ug/l		99
64) Tetrachloroethene	11.106	164	29940	16.944	ug/l		97
65) Chlorobenzene	11.888	112	113937	18.503	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37466	18.928	ug/l		99
67) Ethyl Benzene	11.965	91	192552	18.154	ug/l		99
68) m/p-Xylenes	12.071	106	145367	35.802	ug/l		96
69) o-Xylene	12.394	106	71138	18.293	ug/l		99
70) Styrene	12.412	104	121013	18.186	ug/l		99
71) Bromoform	12.576	173	29095	19.838	ug/l	#	99
73) Isopropylbenzene	12.694	105	180172	17.429	ug/l		100
74) N-amyl acetate	12.535	43	60201m	16.666	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	65991	18.844	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	57711m	17.110	ug/l		
77) Bromobenzene	12.976	156	43267	18.251	ug/l		99
78) n-propylbenzene	13.035	91	221715	17.649	ug/l		99
79) 2-Chlorotoluene	13.123	91	134983	17.917	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	147236	17.252	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	25833	17.631	ug/l		92
82) 4-Chlorotoluene	13.218	91	138222	18.132	ug/l		98
83) tert-Butylbenzene	13.435	119	124731	15.966	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	148510	17.353	ug/l		99
85) sec-Butylbenzene	13.612	105	185938	16.389	ug/l		100
86) p-Isopropyltoluene	13.729	119	153187	16.334	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	83655	17.935	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	86481	18.186	ug/l		99
89) n-Butylbenzene	14.053	91	141889	15.620	ug/l		99
90) Hexachloroethane	14.329	117	27839	17.512	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	81149	18.109	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14024	16.745	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	46454	16.234	ug/l		97
94) Hexachlorobutadiene	15.494	225	14841	13.921	ug/l		97
95) Naphthalene	15.635	128	172694	16.214	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	45355	15.953	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087152.D
Acq On : 24 Jun 2025 13:28
Operator : JC\MD
Sample : VN0624WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 04:15:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

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

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

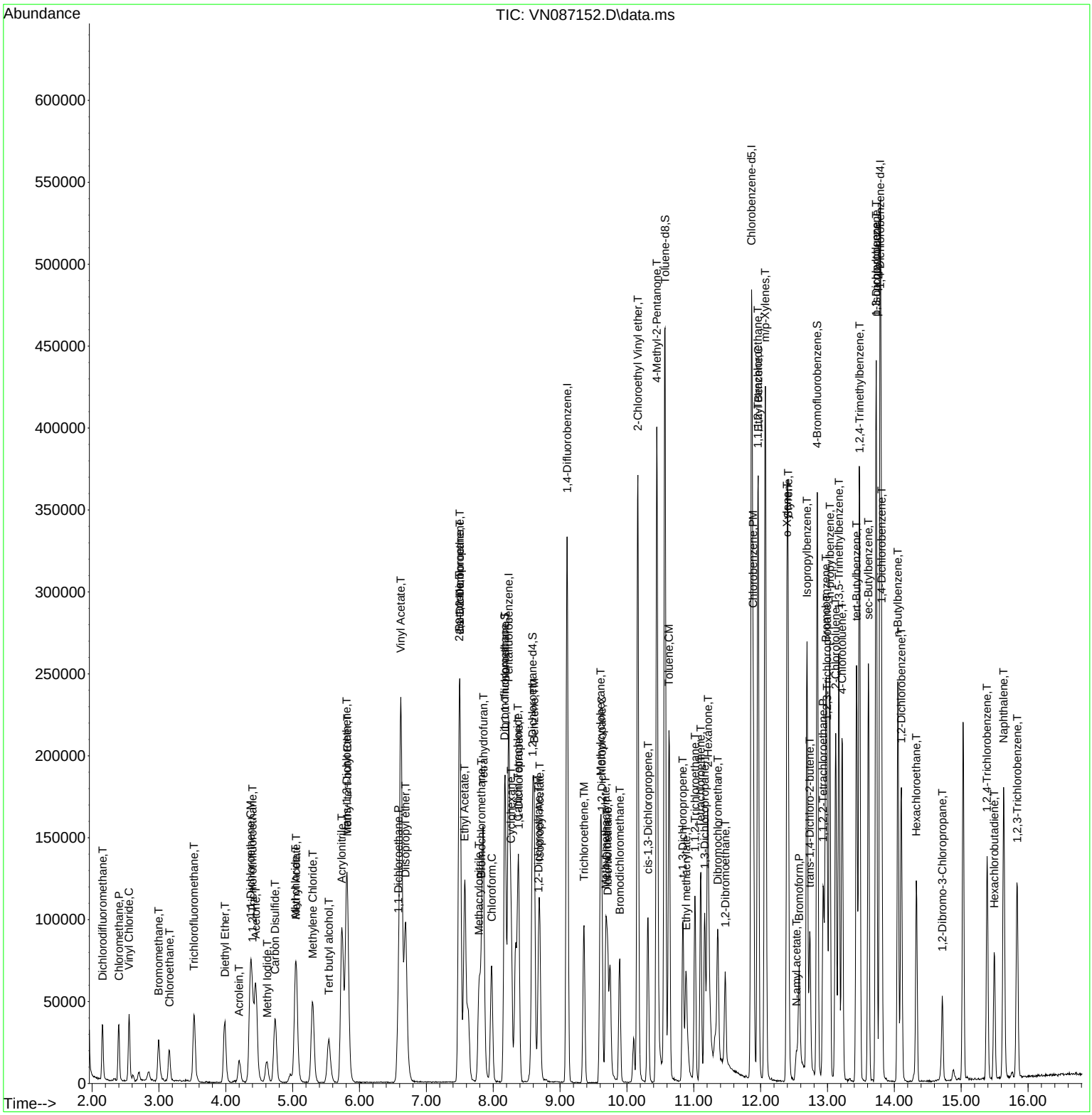
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087152.D
Acq On : 24 Jun 2025 13:28
Operator : JC\MD
Sample : VN0624WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 04:15:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



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:	Pit	Date Received:	
Client Sample ID:	VN0624WBSD01	SDG No.:	Q2402
Lab Sample ID:	VN0624WBSD01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN087153.D	1		06/24/25 14:01	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	17.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.8		0.26	1.00	ug/L
74-83-9	Bromomethane	15.9		1.40	5.00	ug/L
75-00-3	Chloroethane	14.8		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.8		0.16	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	1.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
67-66-3	Chloroform	20.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.4		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L

Raw Data: **VN087153.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:	Pit	Date Received:	
Client Sample ID:	VN0624WBSD01	SDG No.:	Q2402
Lab Sample ID:	VN0624WBSD01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN087153.D	1		06/24/25 14:01	VN062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	18.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.4		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	148000	8.23			
540-36-3	1,4-Difluorobenzene	264000	9.106			
3114-55-4	Chlorobenzene-d5	239000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	121000	13.788			

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\VN062425\
Data File : VN087153.D
Acq On : 24 Jun 2025 14:01
Operator : JC\MD
Sample : VN0624WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 04:16:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	148340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	107515	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	8.177	113	85696	54.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	10.565	98	295071	47.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.160%			
62) 4-Bromofluorobenzene	12.847	95	116960	50.758	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	28367	19.179	ug/l	95
3) Chloromethane	2.401	50	32560	17.048	ug/l	100
4) Vinyl Chloride	2.554	62	33033	16.767	ug/l	96
5) Bromomethane	3.001	94	17543	15.912	ug/l	93
6) Chloroethane	3.153	64	18858	14.818	ug/l	98
7) Trichlorofluoromethane	3.524	101	42432	16.484	ug/l	98
8) Diethyl Ether	3.989	74	22427	19.997	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.395	101	32659	20.194	ug/l	98
10) Methyl Iodide	4.612	142	24125	11.508	ug/l	92
11) Tert butyl alcohol	5.542	59	54359	100.868	ug/l	99
12) 1,1-Dichloroethene	4.365	96	31115	18.845	ug/l	92
13) Acrolein	4.200	56	17641	103.415	ug/l	99
14) Allyl chloride	5.047	41	53865	19.672	ug/l	98
15) Acrylonitrile	5.742	53	132492	105.184	ug/l	99
16) Acetone	4.448	43	109840	104.287	ug/l	99
17) Carbon Disulfide	4.736	76	88064	19.283	ug/l	96
18) Methyl Acetate	5.047	43	63774	20.778	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	124179	20.772	ug/l	99
20) Methylene Chloride	5.300	84	39505	20.034	ug/l	98
21) trans-1,2-Dichloroethene	5.812	96	35542	19.348	ug/l	98
22) Diisopropyl ether	6.683	45	120915	20.949	ug/l	94
23) Vinyl Acetate	6.618	43	536070	109.926	ug/l	96
24) 1,1-Dichloroethane	6.583	63	67455	20.308	ug/l	97
25) 2-Butanone	7.494	43	178544	104.288	ug/l	97
26) 2,2-Dichloropropane	7.500	77	55288	21.398	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	42737	19.453	ug/l	98
28) Bromochloromethane	7.824	49	35644	21.825	ug/l	96
29) Tetrahydrofuran	7.847	42	117925	105.737	ug/l	96
30) Chloroform	7.977	83	67064	20.217	ug/l	92
31) Cyclohexane	8.265	56	59224	18.385	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	53557	18.983	ug/l	97
36) 1,1-Dichloropropene	8.377	75	44260	18.959	ug/l	99
37) Ethyl Acetate	7.571	43	64859	21.825	ug/l	99
38) Carbon Tetrachloride	8.371	117	43545	18.999	ug/l	98
39) Methylcyclohexane	9.606	83	49889	15.598	ug/l	98
40) Benzene	8.612	78	147066	19.265	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087153.D
Acq On : 24 Jun 2025 14:01
Operator : JC\MD
Sample : VN0624WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 04:16:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	36475	21.854	ug/l		98
42) 1,2-Dichloroethane	8.677	62	50665	21.881	ug/l		97
43) Isopropyl Acetate	8.694	43	102822	21.557	ug/l		98
44) Trichloroethene	9.353	130	32721	18.077	ug/l		95
45) 1,2-Dichloropropane	9.624	63	38019	20.471	ug/l		95
46) Dibromomethane	9.712	93	26115	21.170	ug/l		97
47) Bromodichloromethane	9.894	83	52674	20.753	ug/l		97
48) Methyl methacrylate	9.688	41	44971	20.484	ug/l		94
49) 1,4-Dioxane	9.700	88	14805	370.693	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	313262	109.095	ug/l		95
52) Toluene	10.629	92	90194	19.333	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	58166	20.495	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	60500	19.923	ug/l	#	91
55) 1,1,2-Trichloroethane	11.018	97	36915	20.564	ug/l		97
56) Ethyl methacrylate	10.882	69	56036	19.599	ug/l		96
57) 1,3-Dichloropropane	11.165	76	62026	19.918	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	171844	100.767	ug/l		97
59) 2-Hexanone	11.212	43	169476	91.628	ug/l		97
60) Dibromochloromethane	11.359	129	38191	20.420	ug/l		99
61) 1,2-Dibromoethane	11.471	107	36926	20.069	ug/l		99
64) Tetrachloroethene	11.106	164	25781	17.032	ug/l		95
65) Chlorobenzene	11.894	112	99497	18.861	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32640	19.248	ug/l		99
67) Ethyl Benzene	11.965	91	166326	18.304	ug/l		99
68) m/p-Xylenes	12.071	106	126557	36.384	ug/l		97
69) o-Xylene	12.400	106	60628	18.199	ug/l		94
70) Styrene	12.412	104	105648	18.533	ug/l		98
71) Bromoform	12.582	173	26348	20.970	ug/l	#	99
73) Isopropylbenzene	12.694	105	154252	17.452	ug/l		99
74) N-amyl acetate	12.541	43	57415m	18.589	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	59548	19.887	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	53186m	18.442	ug/l		
77) Bromobenzene	12.976	156	38703	19.093	ug/l		97
78) n-propylbenzene	13.035	91	188427	17.542	ug/l		98
79) 2-Chlorotoluene	13.123	91	116548	18.093	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	129323	17.722	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	21771	17.377	ug/l		92
82) 4-Chlorotoluene	13.223	91	120113	18.428	ug/l		99
83) tert-Butylbenzene	13.435	119	105870	15.849	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	130125	17.782	ug/l		99
85) sec-Butylbenzene	13.618	105	158007	16.288	ug/l		98
86) p-Isopropyltoluene	13.729	119	129347	16.130	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	72392	18.152	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	75205	18.496	ug/l		98
89) n-Butylbenzene	14.053	91	119771	15.420	ug/l		98
90) Hexachloroethane	14.329	117	23798	17.508	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	70341	18.358	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13444	18.774	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	40872	16.705	ug/l		99
94) Hexachlorobutadiene	15.500	225	12155	13.334	ug/l		96
95) Naphthalene	15.641	128	153772	16.885	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	38759	15.944	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087153.D
Acq On : 24 Jun 2025 14:01
Operator : JC\MD
Sample : VN0624WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 04:16:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

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

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

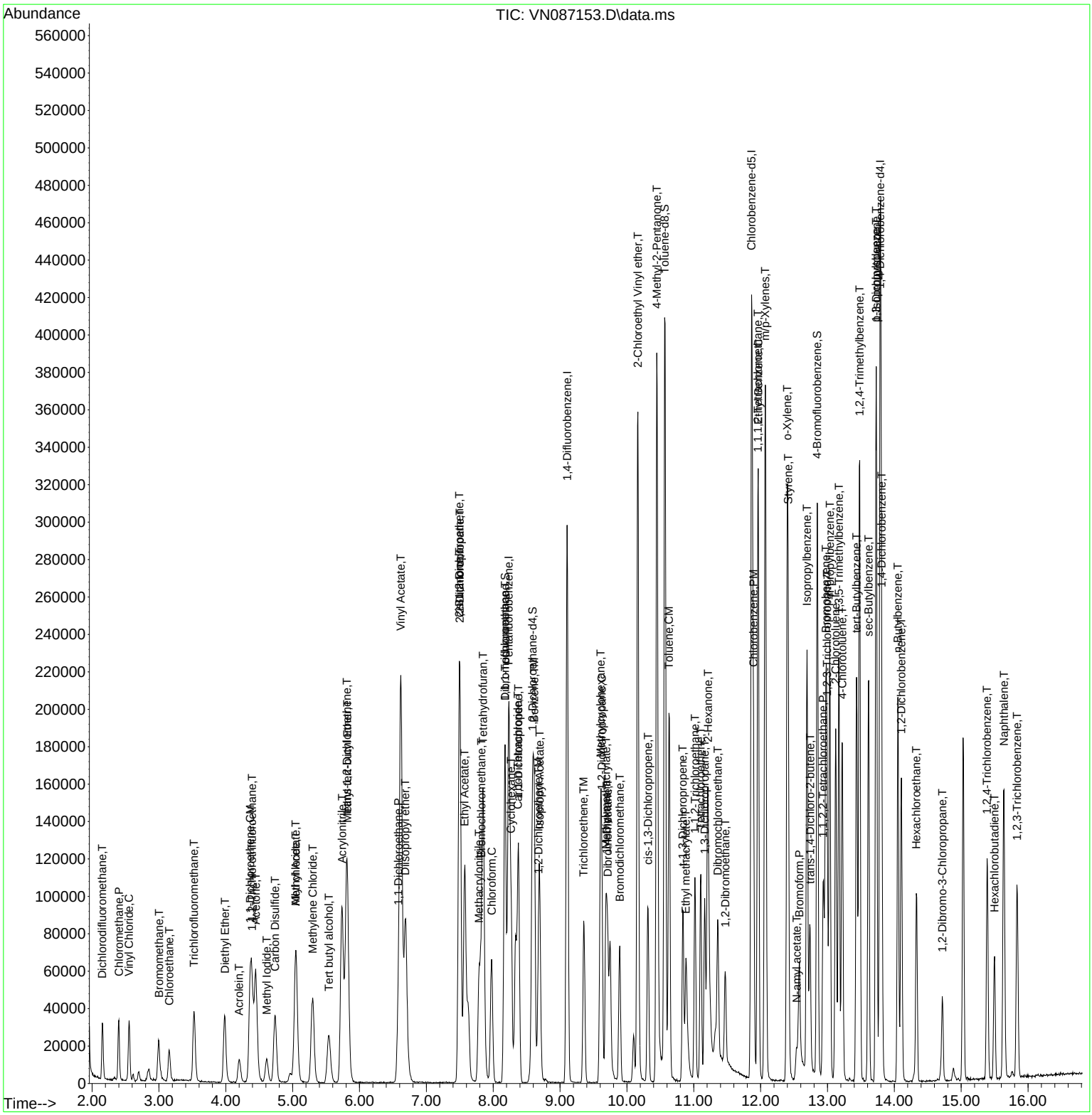
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087153.D
Acq On : 24 Jun 2025 14:01
Operator : JC\MD
Sample : VN0624WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 04:16:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



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

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

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

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Manual Integration Report

Sequence:	vn062425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087149.D	1,2,3-Trichloropropane	JOHN	6/25/2025 8:42:45 AM	MMDadoda	6/25/2025 12:33:37 PM	Peak Integrated by Software
VN0624WBS01	VN087152.D	1,2,3-Trichloropropane	JOHN	6/25/2025 8:42:55 AM	MMDadoda	6/25/2025 12:33:39 PM	Peak Integrated by Software
VN0624WBS01	VN087152.D	N-amyl acetate	JOHN	6/25/2025 8:42:55 AM	MMDadoda	6/25/2025 12:33:39 PM	Peak Integrated by Software
VN0624WBSD01	VN087153.D	1,2,3-Trichloropropane	JOHN	6/25/2025 8:47:01 AM	MMDadoda	6/25/2025 12:33:41 PM	Peak Integrated by Software
VN0624WBSD01	VN087153.D	N-amyl acetate	JOHN	6/25/2025 8:47:01 AM	MMDadoda	6/25/2025 12:33:41 PM	Peak Integrated by Software
VSTDCCC050	VN087160.D	1,2,3-Trichloropropane	JOHN	6/25/2025 8:47:10 AM	MMDadoda	6/25/2025 12:33:45 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062425

Review By	John Carlone	Review On	6/25/2025 8:49:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/25/2025 12:34:10 PM		
SubDirectory	VN062425	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134482
Initial Calibration Stds	
CCC	VP134484,VP134486
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087148.D	24 Jun 2025 10:41	JC\MD	Ok
2	VSTDCCC050	VN087149.D	24 Jun 2025 11:14	JC\MD	Ok,M
3	VN0624WBL01	VN087150.D	24 Jun 2025 12:44	JC\MD	Ok
4	VN0624MBL01	VN087151.D	24 Jun 2025 13:06	JC\MD	Not Ok
5	VN0624WBS01	VN087152.D	24 Jun 2025 13:28	JC\MD	Ok,M
6	VN0624WBSD01	VN087153.D	24 Jun 2025 14:01	JC\MD	Ok,M
7	Q2366-02	VN087154.D	24 Jun 2025 14:23	JC\MD	Ok
8	Q2366-01	VN087155.D	24 Jun 2025 14:44	JC\MD	ReRun
9	IBLK	VN087156.D	24 Jun 2025 15:06	JC\MD	Ok
10	IBLK	VN087157.D	24 Jun 2025 15:28	JC\MD	Ok
11	Q2401-01	VN087158.D	24 Jun 2025 15:49	JC\MD	ReRun
12	Q2402-01	VN087159.D	24 Jun 2025 16:11	JC\MD	Ok
13	VSTDCCC050	VN087160.D	24 Jun 2025 16:32	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 # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062425

Review By	John Carlone	Review On	6/25/2025 8:49:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/25/2025 12:34:10 PM		
SubDirectory	VN062425	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134482
Initial Calibration Stds	
CCC	VP134484,VP134486
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087148.D	24 Jun 2025 10:41		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087149.D	24 Jun 2025 11:14	CCC Failed High For Com.#52,67,68,69	JC\MD	Ok,M
3	VN0624WBL01	VN0624WBL01	VN087150.D	24 Jun 2025 12:44		JC\MD	Ok
4	VN0624MBL01	VN0624MBL01	VN087151.D	24 Jun 2025 13:06	Not Required	JC\MD	Not Ok
5	VN0624WBS01	VN0624WBS01	VN087152.D	24 Jun 2025 13:28		JC\MD	Ok,M
6	VN0624WBSD01	VN0624WBSD01	VN087153.D	24 Jun 2025 14:01		JC\MD	Ok,M
7	Q2366-02	250618063-05-TRIP-BL	VN087154.D	24 Jun 2025 14:23	vial B pH#6.0 TB	JC\MD	Ok
8	Q2366-01	250528063-02	VN087155.D	24 Jun 2025 14:44	Internal Standard Fail; Surrogate Fail	JC\MD	ReRun
9	IBLK	IBLK	VN087156.D	24 Jun 2025 15:06		JC\MD	Ok
10	IBLK	IBLK	VN087157.D	24 Jun 2025 15:28		JC\MD	Ok
11	Q2401-01	MW2	VN087158.D	24 Jun 2025 15:49	vial A pH<2 CCC Failed High	JC\MD	ReRun
12	Q2402-01	OBSI	VN087159.D	24 Jun 2025 16:11	vial A pH<2	JC\MD	Ok
13	VSTDCCC050	VSTDCCC050EC	VN087160.D	24 Jun 2025 16:32		JC\MD	Ok,M

M : Manual Integration

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Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2402
COC Number 2046404

CLIENT INFORMATION (REPORT TO BE SENT TO)

COMPANY: Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

TCL VOA TICs + TBA/AME

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	OBS1	GW		X	6/23	1400	2	X									
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	6/23/25	1. 1435 6-23-25
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2402 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/24/2025 8:13:22 AM
Project Name : Pit
Receive DateTime : 6/23/2025 2:35:00 PM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2402-01	OBSI	Water	06/23/2025	14:00					
					VOCMS Group1		8260-Low		5 Bus. Days

Relinguished By : DW
Date / Time : 6/24/25 1115

Received By : Emily
Date / Time : 6/24/25 11:15
Storage Area : VOA Refridgerator Room