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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:	Q2963	**OrderDate:**	8/26/2025 2:35:00 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2963-01	**MW1**	**Water**			**08/26/25**			**08/26/25**
			VOC-TCLVOA-10	8260-Low			08/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2963

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW1**								
Q2963-01	MW1	Water	Acetone		4.70	J	1.50	5.00	ug/L
Q2963-01	MW1	Water	Cyclohexane		13.7		1.50	5.00	ug/L
Q2963-01	MW1	Water	Chloroform		7.50		0.25	1.00	ug/L
Q2963-01	MW1	Water	Methylcyclohexane		6.50		0.16	1.00	ug/L
Q2963-01	MW1	Water	Benzene		19.6		0.15	1.00	ug/L
Q2963-01	MW1	Water	Toluene		1.20		0.14	1.00	ug/L
Q2963-01	MW1	Water	Ethyl Benzene		1.40		0.13	1.00	ug/L
Q2963-01	MW1	Water	m/p-Xylenes		4.30		0.24	2.00	ug/L
Q2963-01	MW1	Water	Isopropylbenzene		5.40		0.12	1.00	ug/L
			Total Voc :		64.3				
Q2963-01	MW1	Water	unknown10.724	*	5.30	J	0	0	ug/L
Q2963-01	MW1	Water	Cyclopentane, methyl-	*	14.3	J	0	0	ug/L
Q2963-01	MW1	Water	Cyclohexene, 1-methyl-	*	6.30	J	0	0	ug/L
Q2963-01	MW1	Water	2,4-Hexadiene	*	7.70	J	0	0	ug/L
Q2963-01	MW1	Water	2,4-Hexadiene, 2,5-dimethyl-	*	8.80	J	0	0	ug/L
Q2963-01	MW1	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	6.10	J	0	0	ug/L
Q2963-01	MW1	Water	Cyclopropane, ethyl-	*	9.60	J	0	0	ug/L
Q2963-01	MW1	Water	Benzene, 1-methyl-2-(2-propen	*	18.1	J	0	0	ug/L
Q2963-01	MW1	Water	Benzene, 2-ethenyl-1,4-dimeth	*	7.60	J	0	0	ug/L
Q2963-01	MW1	Water	2,4-Dimethylstyrene	*	6.30	J	0	0	ug/L
Q2963-01	MW1	Water	1-Hexene, 4-methyl-	*	6.30	J	0	0	ug/L
Q2963-01	MW1	Water	trans-Cinnamyl bromide	*	21.1	J	0	0	ug/L
Q2963-01	MW1	Water	n-propylbenzene	*	7.50	J	0.13	1.00	ug/L
Q2963-01	MW1	Water	1,3,5-Trimethylbenzene	*	0.50	J	0.15	1.00	ug/L
Q2963-01	MW1	Water	1,2,4-Trimethylbenzene	*	4.10	J	0.14	1.00	ug/L
Q2963-01	MW1	Water	sec-Butylbenzene	*	1.10	J	0.13	1.00	ug/L
Q2963-01	MW1	Water	p-Isopropyltoluene	*	0.62	J	0.13	1.00	ug/L
			Total Tics :		131				
			Total Concentration:		196				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2963

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2963-01	MW1	1,2-Dichloroethane-d4	50	53.5	107		74	125
		Dibromofluoromethane	50	49.3	99		75	124
		Toluene-d8	50	49.2	98		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121
VN0826WBL01	VN0826WBL01	1,2-Dichloroethane-d4	50	54.6	109		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0826WBS01	VN0826WBS01	1,2-Dichloroethane-d4	50	48.0	96		74	125
		Dibromofluoromethane	50	46.5	93		75	124
		Toluene-d8	50	46.3	93		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
VN0826WBSD0	VN0826WBSD01	1,2-Dichloroethane-d4	50	45.6	91		74	125
		Dibromofluoromethane	50	47.8	96		75	124
		Toluene-d8	50	46.8	94		86	113
		4-Bromofluorobenzene	50	47.0	94		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2963 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087671.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBS01	Dichlorodifluoromethane	20	22.9	ug/L	115			69	116	
	Chloromethane	20	21.0	ug/L	105			65	116	
	Vinyl chloride	20	21.1	ug/L	106			65	117	
	Bromomethane	20	21.6	ug/L	108			58	125	
	Chloroethane	20	20.8	ug/L	104			56	128	
	Trichlorofluoromethane	20	20.5	ug/L	103			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			80	112	
	1,1-Dichloroethene	20	20.6	ug/L	103			74	110	
	Acetone	100	99.0	ug/L	99			60	125	
	Carbon disulfide	20	19.2	ug/L	96			64	112	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			78	114	
	Methyl Acetate	20	21.7	ug/L	109			67	125	
	Methylene Chloride	20	19.7	ug/L	99			72	114	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			75	108	
	1,1-Dichloroethane	20	19.8	ug/L	99			78	112	
	Cyclohexane	20	19.3	ug/L	97			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	19.9	ug/L	100			77	113	
	cis-1,2-Dichloroethene	20	19.9	ug/L	100			77	110	
	Bromochloromethane	20	19.4	ug/L	97			70	124	
	Chloroform	20	20.7	ug/L	104			79	113	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			80	108	
	Methylcyclohexane	20	18.3	ug/L	92			72	115	
	Benzene	20	20.0	ug/L	100			82	109	
	1,2-Dichloroethane	20	20.5	ug/L	103			80	115	
	Trichloroethene	20	18.8	ug/L	94			77	113	
	1,2-Dichloropropane	20	20.0	ug/L	100			83	111	
	Bromodichloromethane	20	20.3	ug/L	102			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.7	ug/L	99			82	110	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			79	110	
	cis-1,3-Dichloropropene	20	20.4	ug/L	102			82	110	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.3	ug/L	102			82	110	
	1,2-Dibromoethane	20	20.0	ug/L	100			81	110	
	Tetrachloroethene	20	18.9	ug/L	95			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	19.4	ug/L	97			83	109	
	m/p-Xylenes	40	38.9	ug/L	97			82	110	
	o-Xylene	20	19.6	ug/L	98			83	109	
	Styrene	20	20.3	ug/L	102			80	111	
	Bromoform	20	20.4	ug/L	102			79	109	
	Isopropylbenzene	20	18.7	ug/L	94			83	112	
	1,1,2,2-Tetrachloroethane	20	20.4	ug/L	102			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	19.0	ug/L	95			82	107	
	1,2-Dichlorobenzene	20	19.8	ug/L	99			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2963 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087671.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			68	112	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			75	113	
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2963**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087672.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBSD01	Dichlorodifluoromethane	20	23.1	ug/L	116	1		69	116	19
	Chloromethane	20	21.3	ug/L	106	1		65	116	21
	Vinyl chloride	20	21.4	ug/L	107	1		65	117	19
	Bromomethane	20	22.0	ug/L	110	2		58	125	20
	Chloroethane	20	20.0	ug/L	100	4		56	128	20
	Trichlorofluoromethane	20	21.7	ug/L	109	6		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108	10		80	112	15
	1,1-Dichloroethene	20	20.3	ug/L	102	1		74	110	20
	Acetone	100	91.4	ug/L	91	8		60	125	20
	Carbon disulfide	20	18.7	ug/L	94	2		64	112	20
	Methyl tert-butyl Ether	20	19.9	ug/L	100	0		78	114	20
	Methyl Acetate	20	21.1	ug/L	106	3		67	125	20
	Methylene Chloride	20	19.8	ug/L	99	0		72	114	20
	trans-1,2-Dichloroethene	20	19.0	ug/L	95	2		75	108	16
	1,1-Dichloroethane	20	19.7	ug/L	99	0		78	112	20
	Cyclohexane	20	20.6	ug/L	103	6		75	110	20
	2-Butanone	100	95.3	ug/L	95	5		65	122	26
	Carbon Tetrachloride	20	20.8	ug/L	104	4		77	113	15
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	3		77	110	20
	Bromochloromethane	20	18.4	ug/L	92	5		70	124	20
	Chloroform	20	20.0	ug/L	100	4		79	113	20
	1,1,1-Trichloroethane	20	19.6	ug/L	98	2		80	108	20
	Methylcyclohexane	20	19.8	ug/L	99	7		72	115	20
	Benzene	20	20.1	ug/L	101	1		82	109	15
	1,2-Dichloroethane	20	20.4	ug/L	102	1		80	115	20
	Trichloroethene	20	19.4	ug/L	97	3		77	113	15
	1,2-Dichloropropane	20	19.6	ug/L	98	2		83	111	16
	Bromodichloromethane	20	19.8	ug/L	99	3		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	19.8	ug/L	99	0		82	110	16
	t-1,3-Dichloropropene	20	20.2	ug/L	101	1		79	110	20
	cis-1,3-Dichloropropene	20	20.6	ug/L	103	1		82	110	16
	1,1,2-Trichloroethane	20	21.2	ug/L	106	3		83	112	20
	2-Hexanone	100	110	ug/L	110	0		73	117	25
	Dibromochloromethane	20	19.5	ug/L	98	4		82	110	20
	1,2-Dibromoethane	20	20.1	ug/L	101	1		81	110	20
	Tetrachloroethene	20	20.0	ug/L	100	5		67	123	15
	Chlorobenzene	20	19.7	ug/L	99	1		82	109	15
	Ethyl Benzene	20	20.4	ug/L	102	5		83	109	16
	m/p-Xylenes	40	40.7	ug/L	102	5		82	110	15
	o-Xylene	20	20.1	ug/L	101	3		83	109	20
	Styrene	20	20.2	ug/L	101	1		80	111	17
	Bromoform	20	20.2	ug/L	101	1		79	109	20
	Isopropylbenzene	20	19.4	ug/L	97	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104	2		76	118	20
	1,3-Dichlorobenzene	20	19.7	ug/L	99	4		82	108	20
	1,4-Dichlorobenzene	20	19.2	ug/L	96	1		82	107	15
	1,2-Dichlorobenzene	20	20.0	ug/L	100	1		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2963 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087672.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0826WBSD01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102	9		68	112	20
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97	0		75	113	29
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97	5		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0826WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2963

Lab File ID: VN087670.D | Lab Sample ID: VN0826WBL01

Date Analyzed: 08/26/2025 | Time Analyzed: 15:08

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
VN0826WBS01	VN0826WBS01	VN087671.D	08/26/2025
VN0826WBSD01	VN0826WBSD01	VN087672.D	08/26/2025
MW1	Q2963-01	VN087673.D	08/26/2025

COMMENTS:

Raw Data: **VN087614.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2963

Lab File ID: VN087614.D | BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:30

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

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

Raw Data: **VN087667.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2963

Lab File ID: VN087667.D | BFB Injection Date: 08/26/2025

Instrument ID: MSVOA_N | BFB Injection Time: 12:36

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	26.1
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.2 (0.2) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	4.9 (7.2) 1
176	95.0 - 101.0% of mass 174	65.2 (96) 1
177	5.0 - 9.0% of mass 176	3.9 (6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087668.D	08/26/2025	13:38
VN0826WBL01	VN0826WBL01	VN087670.D	08/26/2025	15:08
VN0826WBS01	VN0826WBS01	VN087671.D	08/26/2025	15:29
VN0826WBSD01	VN0826WBSD01	VN087672.D	08/26/2025	16:02
MW1	Q2963-01	VN087673.D	08/26/2025	16:24

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2963

Lab File ID: VN087668.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_N Time Analyzed: 13:38

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	202424	8.21	396757	9.08	378748	11.85
UPPER LIMIT	404848	8.706	793514	9.583	757496	12.347
LOWER LIMIT	101212	7.706	198379	8.583	189374	11.347
EPA SAMPLE NO.						
MW1	169690	8.21	395130	9.08	362382	11.84
VN0826WBL01	165274	8.21	380815	9.08	356736	11.85
VN0826WBS01	198008	8.21	395232	9.08	367348	11.84
VN0826WBSD01	206976	8.21	396217	9.08	359977	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2963

Lab File ID: VN087668.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_N Time Analyzed: 13:38

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

	IS4 AREA #	RT #				
12 HOUR STD	193995	13.771				
UPPER LIMIT	387990	14.271				
LOWER LIMIT	96997.5	13.271				
EPA SAMPLE NO.						
MW1	170909	13.77				
VN0826WBL01	161997	13.77				
VN0826WBS01	187839	13.77				
VN0826WBSD01	184782	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VN087673.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:	08/26/25
Project:	Lexington	Date Received:	08/26/25
Client Sample ID:	MW1	SDG No.:	Q2963
Lab Sample ID:	Q2963-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087673.D	1	08/26/25 16:24	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	4.70	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
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	13.7		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	7.50		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	6.50		0.16	1.00	ug/L
71-43-2	Benzene	19.6		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	1.20		0.14	1.00	ug/L

Raw Data: **VN087673.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:	08/26/25
Project:	Lexington	Date Received:	08/26/25
Client Sample ID:	MW1	SDG No.:	Q2963
Lab Sample ID:	Q2963-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087673.D	1	08/26/25 16:24	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.40		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	4.30		0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	5.40		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	49.2		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	8.206			
540-36-3	1,4-Difluorobenzene	395000	9.082			
3114-55-4	Chlorobenzene-d5	362000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	171000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087673.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:	08/26/25
Project:	Lexington	Date Received:	08/26/25
Client Sample ID:	MW1	SDG No.:	Q2963
Lab Sample ID:	Q2963-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087673.D	1	08/26/25 16:24	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
001191-96-4	Cyclopropane, ethyl-	9.60	J		5.35	ug/L
003769-23-1	1-Hexene, 4-methyl-	6.30	J		5.80	ug/L
000096-37-7	Cyclopentane, methyl-	14.3	J		7.31	ug/L
000592-46-1	2,4-Hexadiene	7.70	J		8.71	ug/L
000591-49-1	Cyclohexene, 1-methyl-	6.30	J		10.4	ug/L
	unknown10.724	5.30	J		10.7	ug/L
000764-13-6	2,4-Hexadiene, 2,5-dimethyl-	8.80	J		11.0	ug/L
103-65-1	n-propylbenzene	7.50	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.50	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	4.10	J		13.5	ug/L
135-98-8	sec-Butylbenzene	1.10	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	0.62	J		13.7	ug/L
026146-77-0	trans-Cinnamyl bromide	21.1	J		14.0	ug/L
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	18.1	J		14.4	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	6.10	J		14.6	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	7.60	J		14.9	ug/L
002234-20-0	2,4-Dimethylstyrene	6.30	J		15.0	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 27 01:50:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

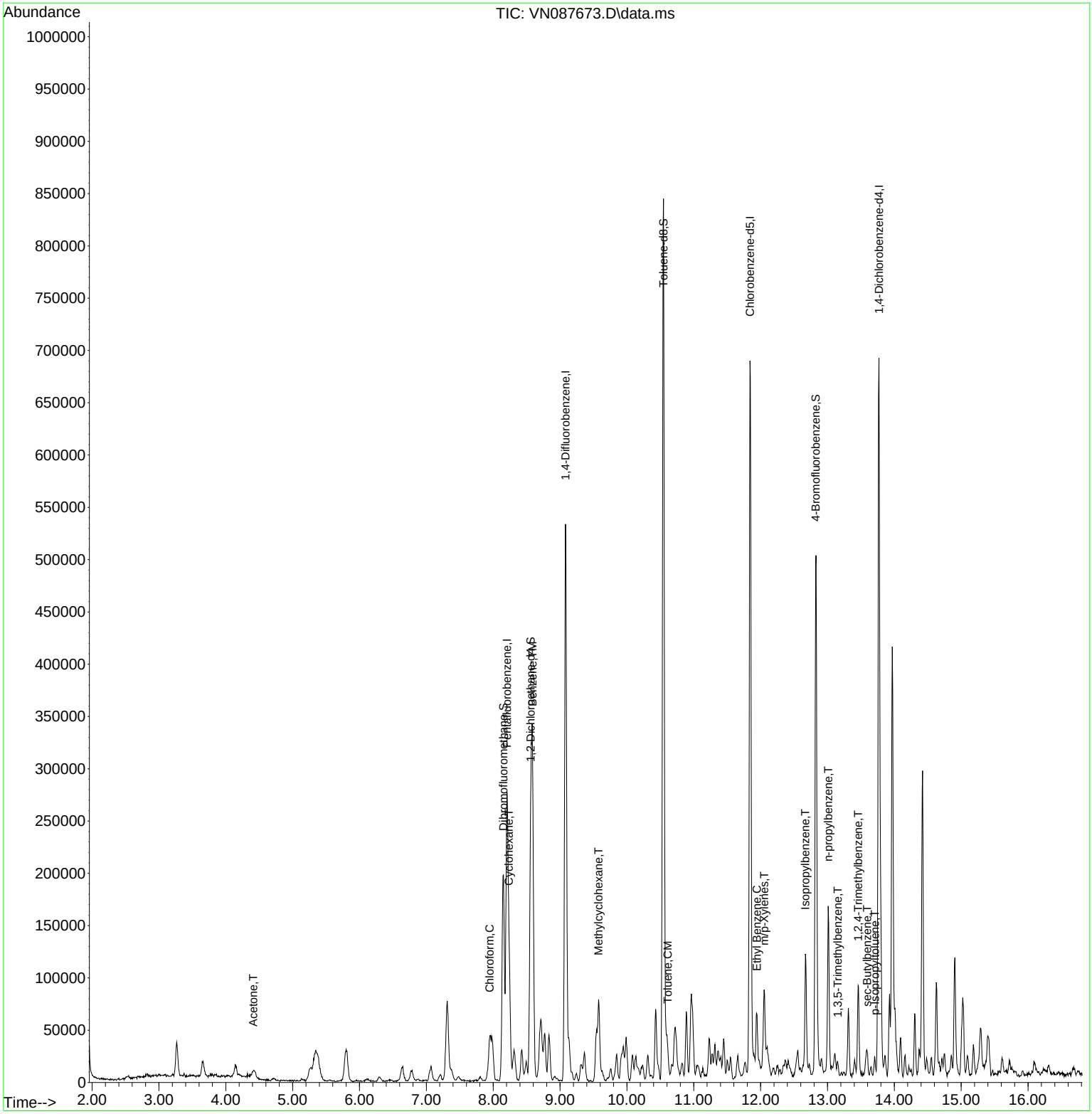
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	169690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	395130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	362382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	170909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186015	53.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.000%			
35) Dibromofluoromethane	8.153	113	140517	49.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	10.547	98	525224	49.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.380%			
62) 4-Bromofluorobenzene	12.823	95	181887	47.899	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.800%			
Target Compounds						Qvalue
16) Acetone	4.412	43	8844	4.673	ug/l #	89
30) Chloroform	7.947	83	40149	7.499	ug/l	86
31) Cyclohexane	8.236	56	59700	13.652	ug/l	96
39) Methylcyclohexane	9.577	83	31178	6.471	ug/l #	90
40) Benzene	8.588	78	263172	19.605	ug/l	97
52) Toluene	10.612	92	10147	1.219	ug/l	87
67) Ethyl Benzene	11.947	91	21954	1.406	ug/l	100
68) m/p-Xylenes	12.053	106	24572	4.292	ug/l	97
73) Isopropylbenzene	12.671	105	74724	5.411	ug/l	98
78) n-propylbenzene	13.012	91	127506	7.495	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	5909	0.504	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	48284	4.117	ug/l	98
85) sec-Butylbenzene	13.594	105	16652	1.149	ug/l #	77
86) p-Isopropyltoluene	13.712	119	7468	0.624	ug/l	99

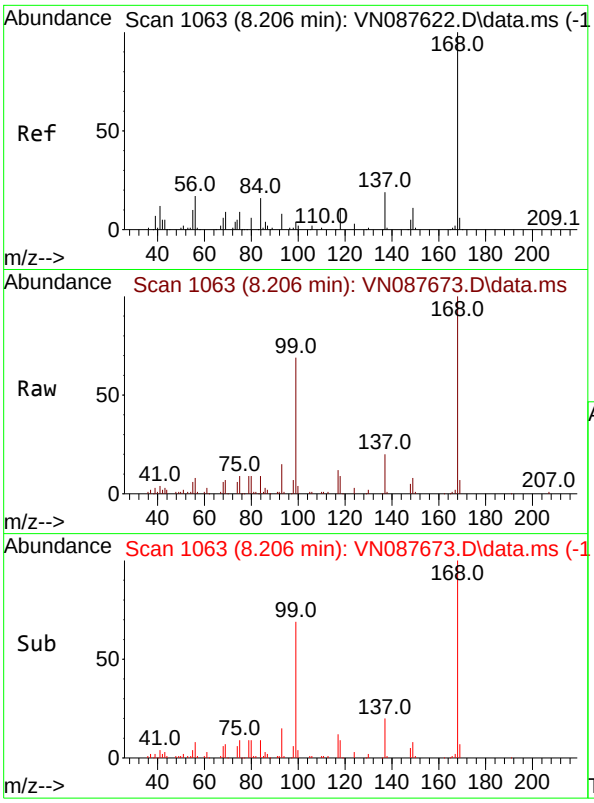
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 27 01:50:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



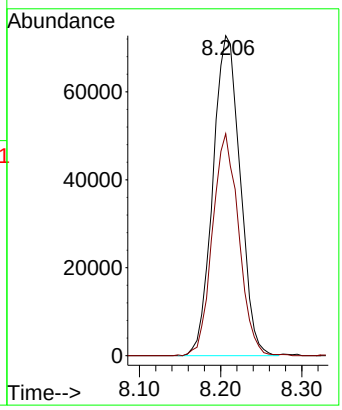


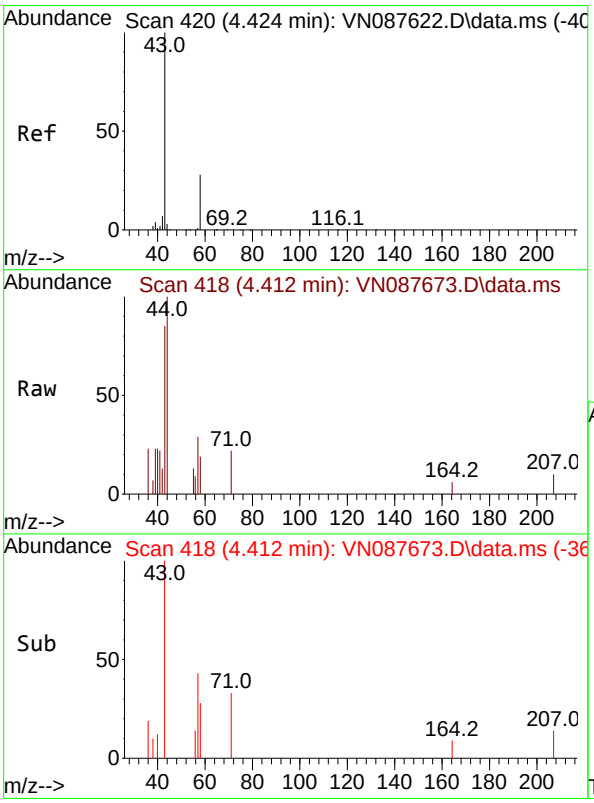
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:168 Resp: 169690

Ion	Ratio	Lower	Upper
168	100		
99	69.1	57.2	85.8

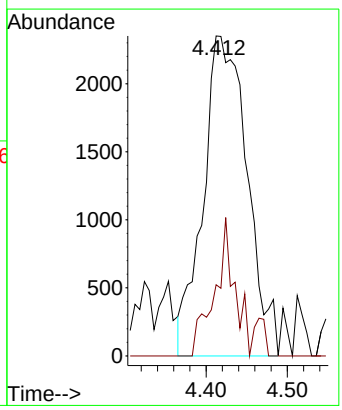


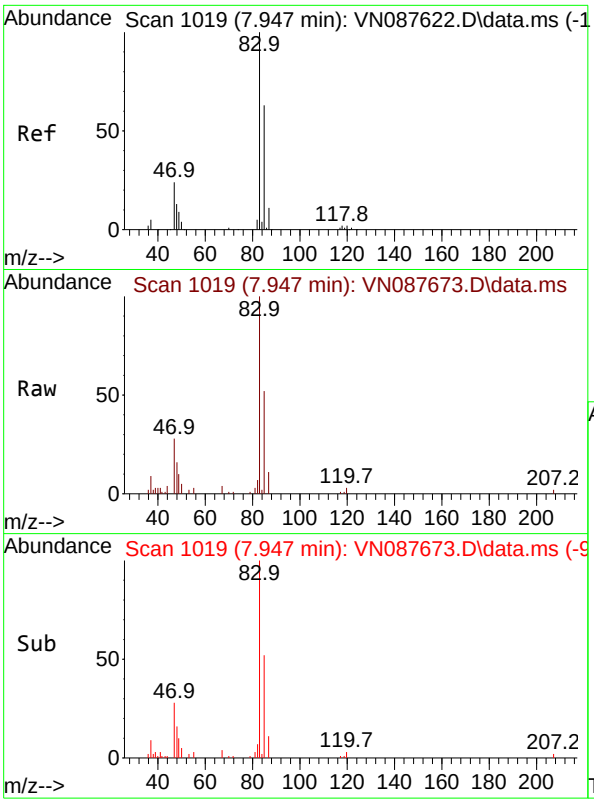


#16
Acetone
Concen: 4.673 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 43 Resp: 8844

Ion	Ratio	Lower	Upper
43	100		
58	22.2	22.6	33.8#



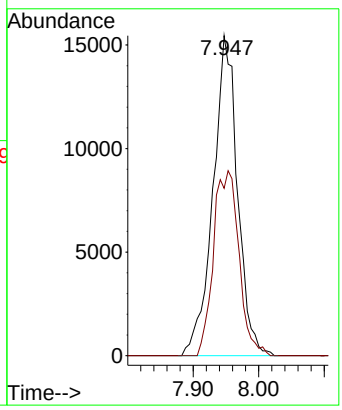


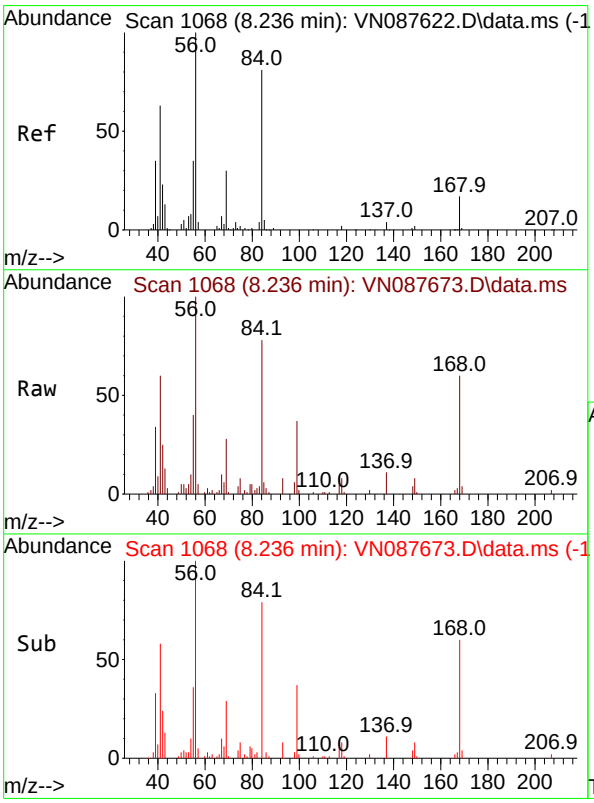
#30
Chloroform
Concen: 7.499 ug/l
RT: 7.947 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 83 Resp: 40149

Ion	Ratio	Lower	Upper
83	100		
85	52.3	50.7	76.1

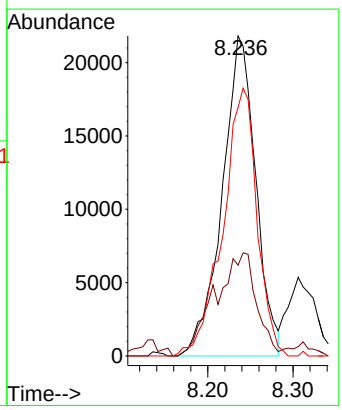


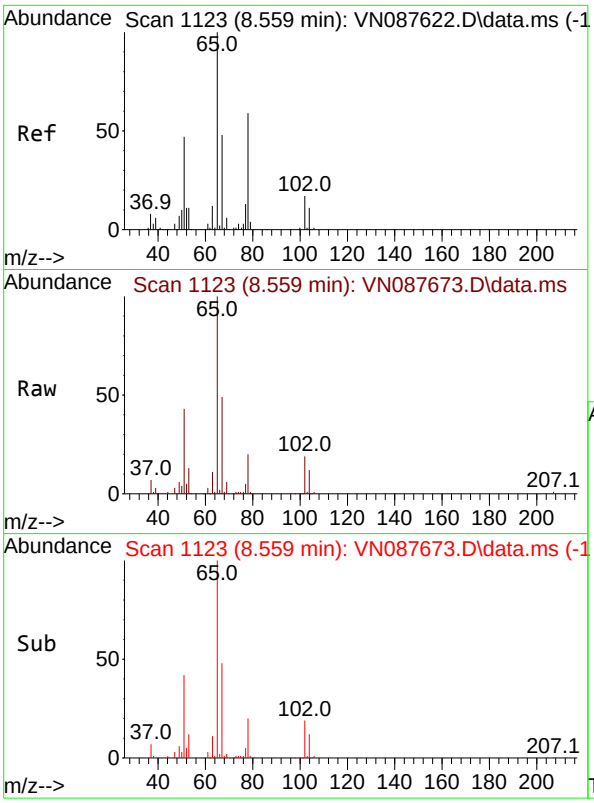


#31
Cyclohexane
Concen: 13.652 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 56 Resp: 59700

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.7	35.5
84	76.9	64.7	97.1



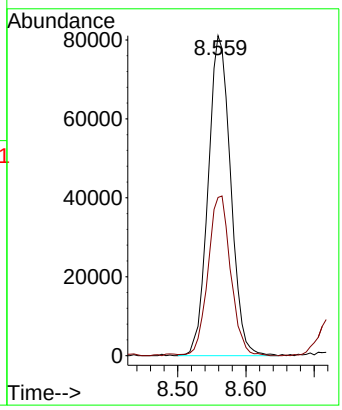


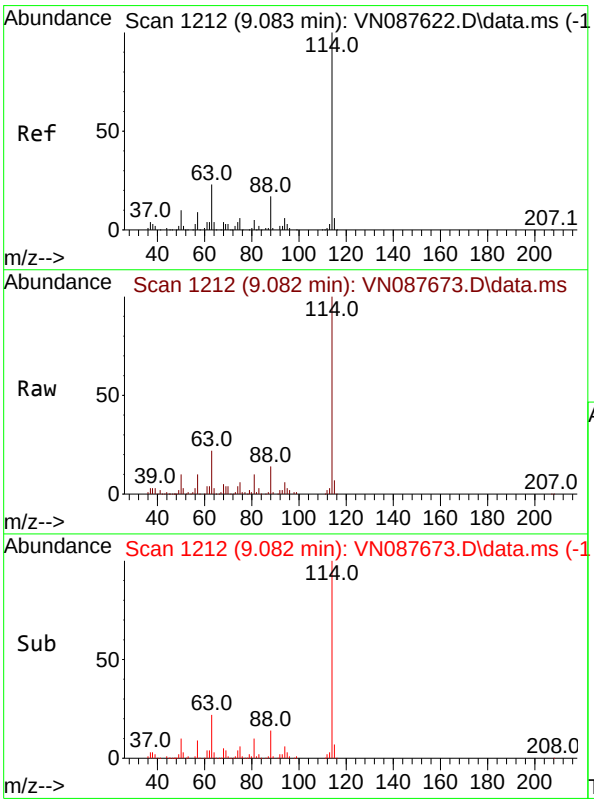
#33
1,2-Dichloroethane-d4
Concen: 53.503 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 65 Resp: 186015

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.0

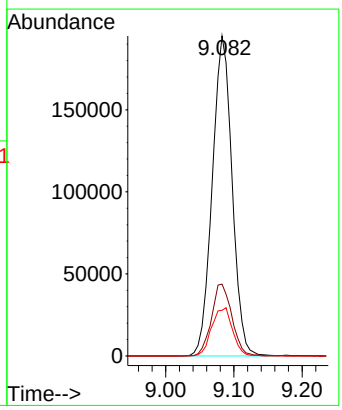


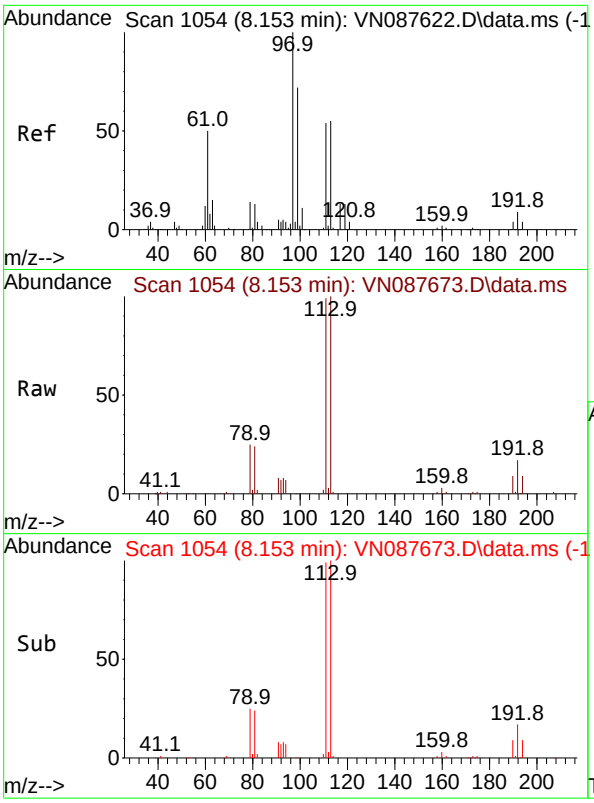


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion:114 Resp: 395130

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.2
88	14.3	0.0	33.4



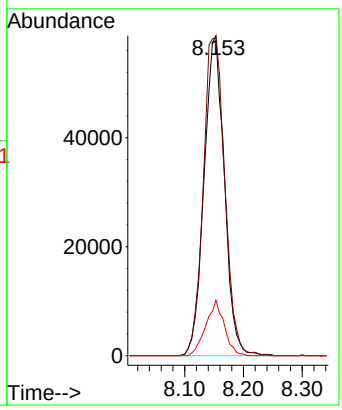


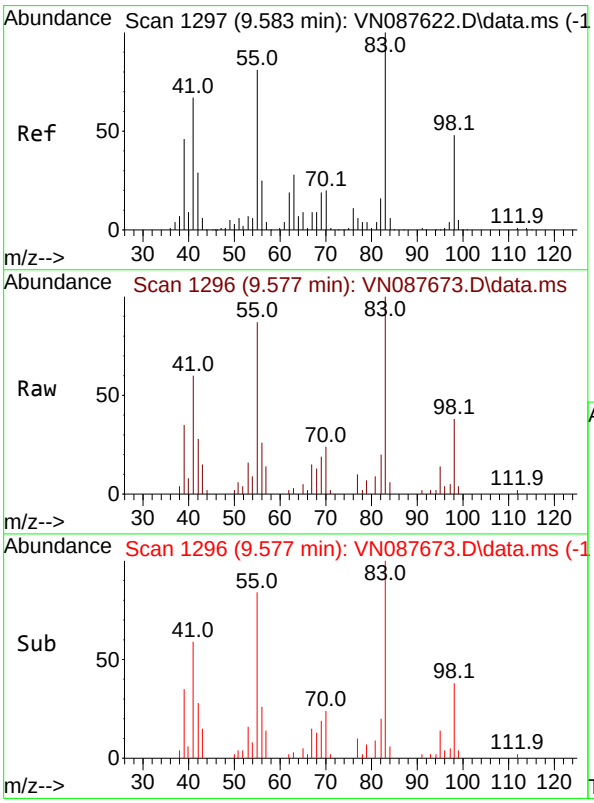
#35
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:113 Resp: 140517

Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.8	124.2
192	15.7	12.8	19.2

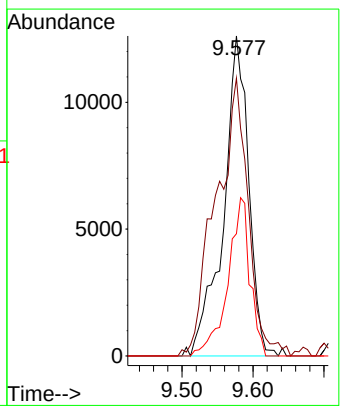


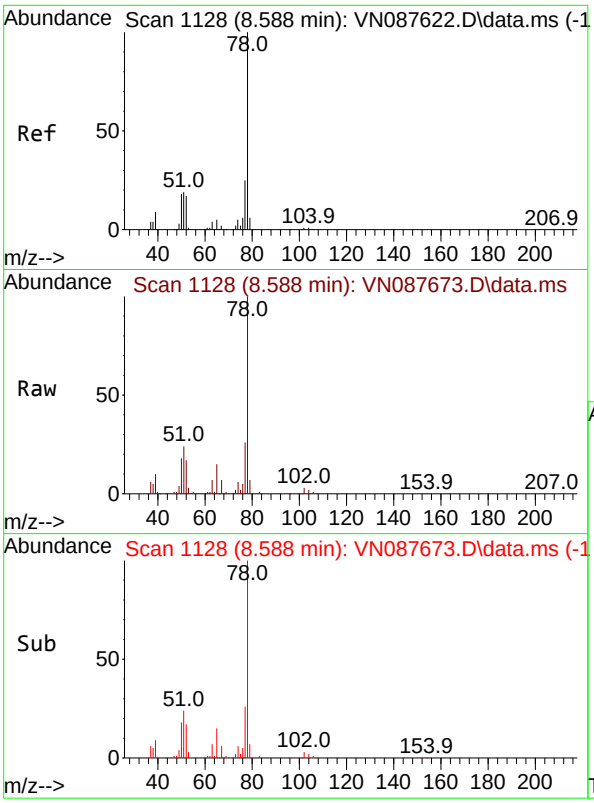


#39
Methylcyclohexane
Concen: 6.471 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 83 Resp: 31178

Ion	Ratio	Lower	Upper
83	100		
55	86.8	64.6	96.8
98	38.2	38.4	57.6#



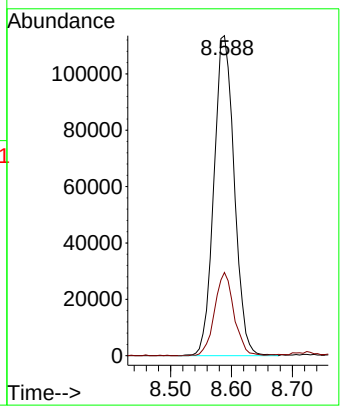


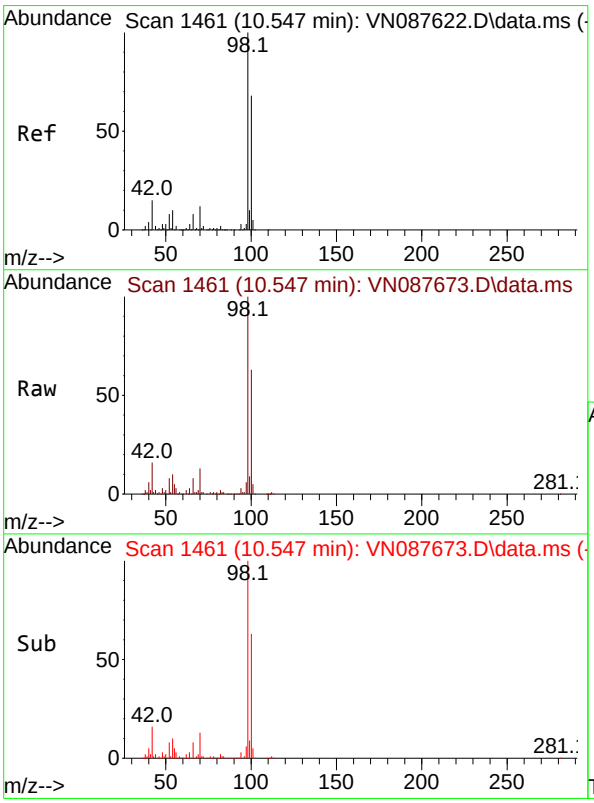
#40
Benzene
Concen: 19.605 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 78 Resp: 263172

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.7	29.5

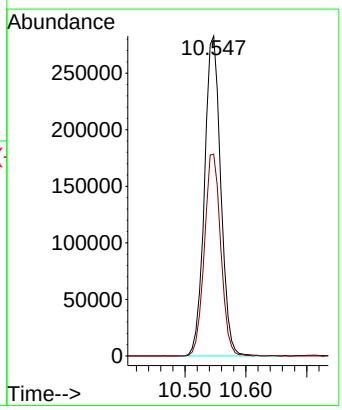


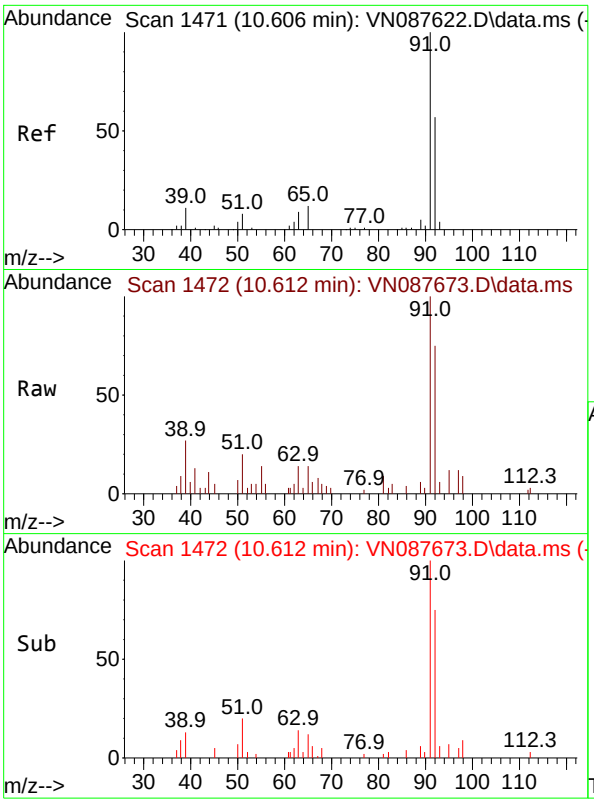


#50
Toluene-d8
Concen: 49.189 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 98 Resp: 525224

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.8	79.2



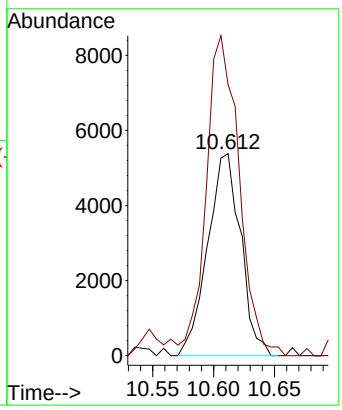


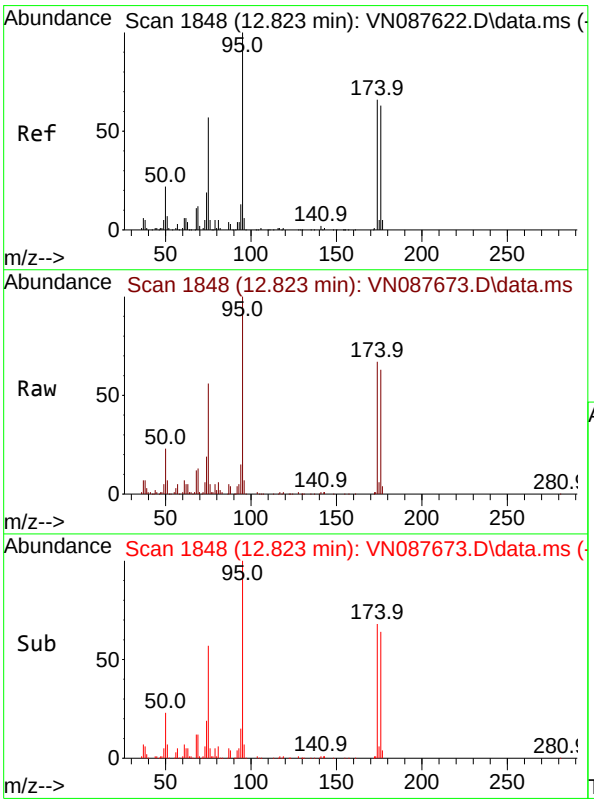
#52
Toluene
Concen: 1.219 ug/l
RT: 10.612 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 92 Resp: 10147

Ion	Ratio	Lower	Upper
92	100		
91	157.8	140.4	210.6

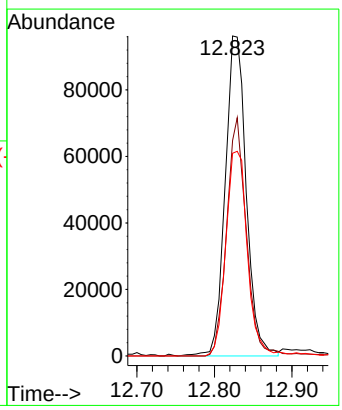


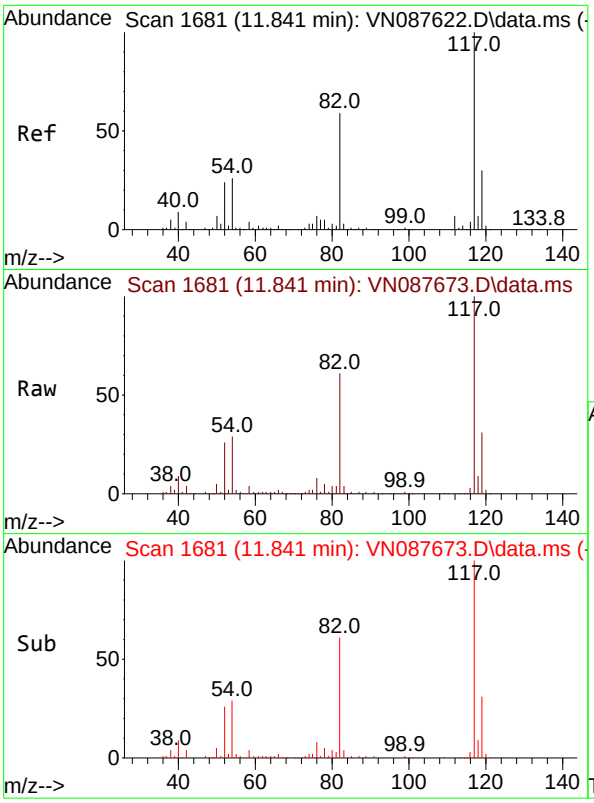


#62
4-Bromofluorobenzene
Concen: 47.899 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 95 Resp: 181887

Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	138.4
176	65.6	0.0	132.6



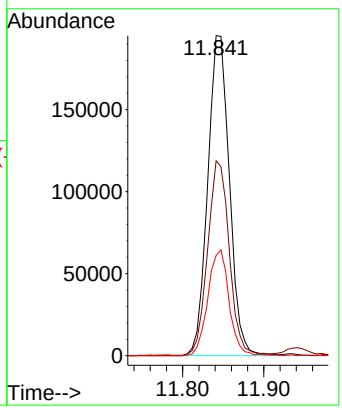


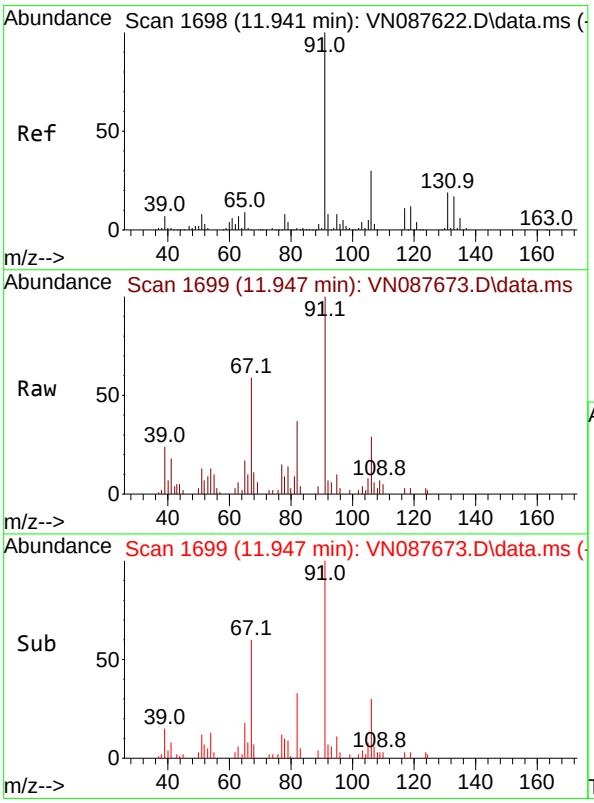
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:117 Resp: 362382

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	31.3	24.3	36.5

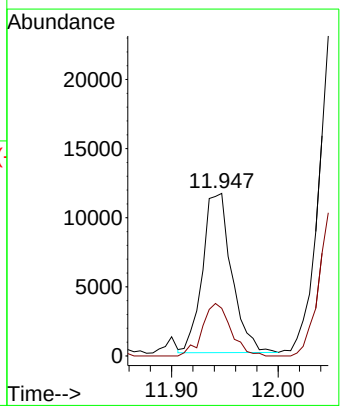


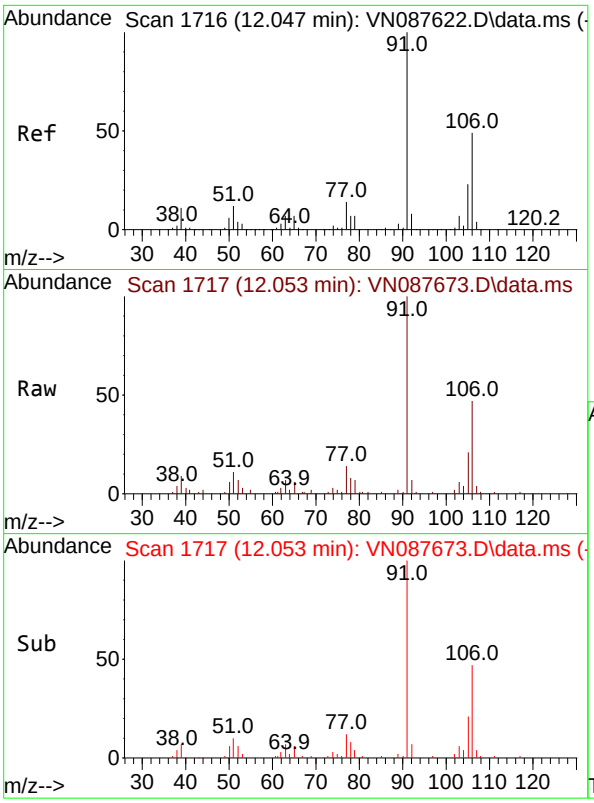


#67
Ethyl Benzene
Concen: 1.406 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 91 Resp: 21954

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.1	36.1



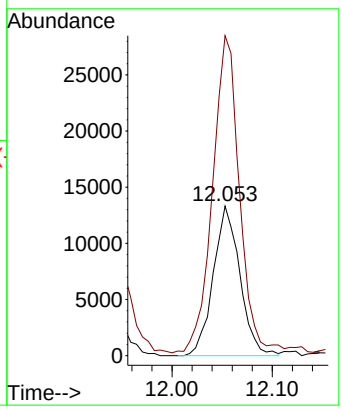


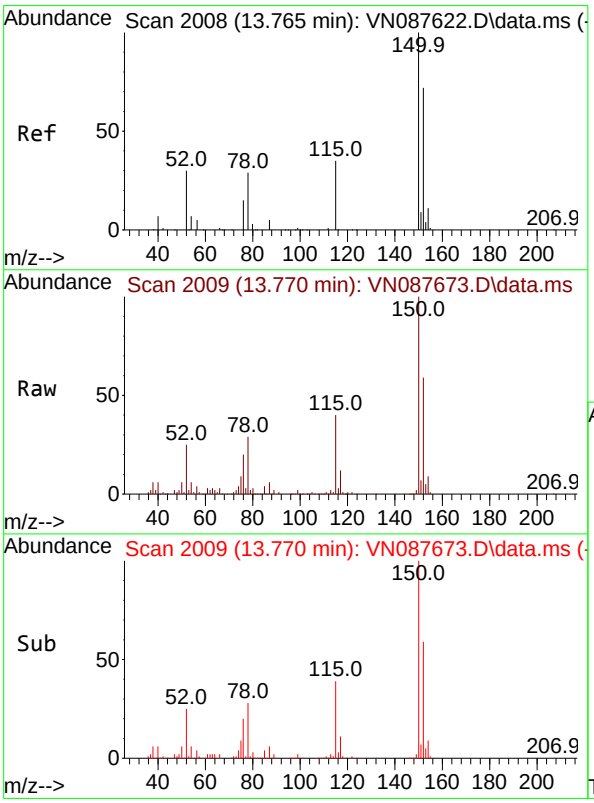
#68
m/p-Xylenes
Concen: 4.292 ug/l
RT: 12.053 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:106 Resp: 24572

Ion	Ratio	Lower	Upper
106	100		
91	215.9	169.3	253.9

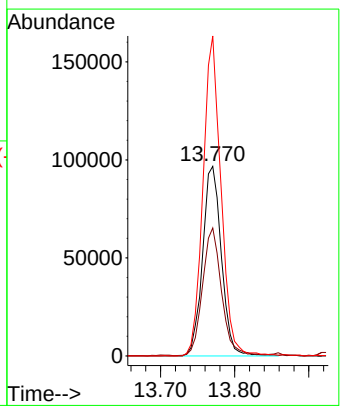


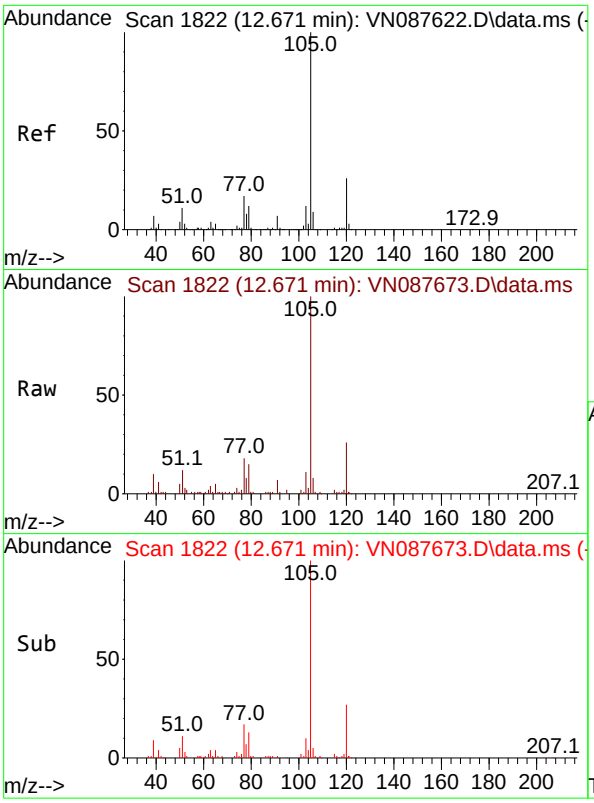


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion:152 Resp: 170909

Ion	Ratio	Lower	Upper
152	100		
115	67.4	32.3	96.8
150	160.9	0.0	351.0



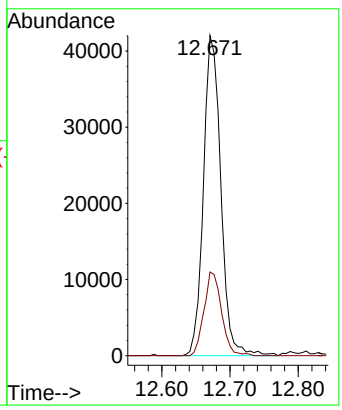


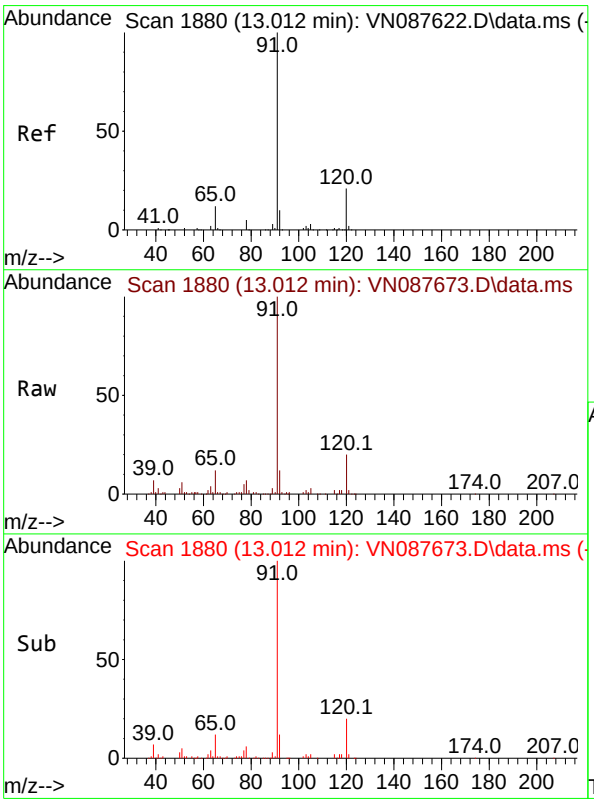
#73
Isopropylbenzene
Concen: 5.411 ug/l
RT: 12.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 74724

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.3

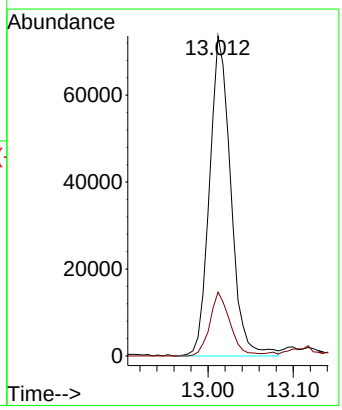


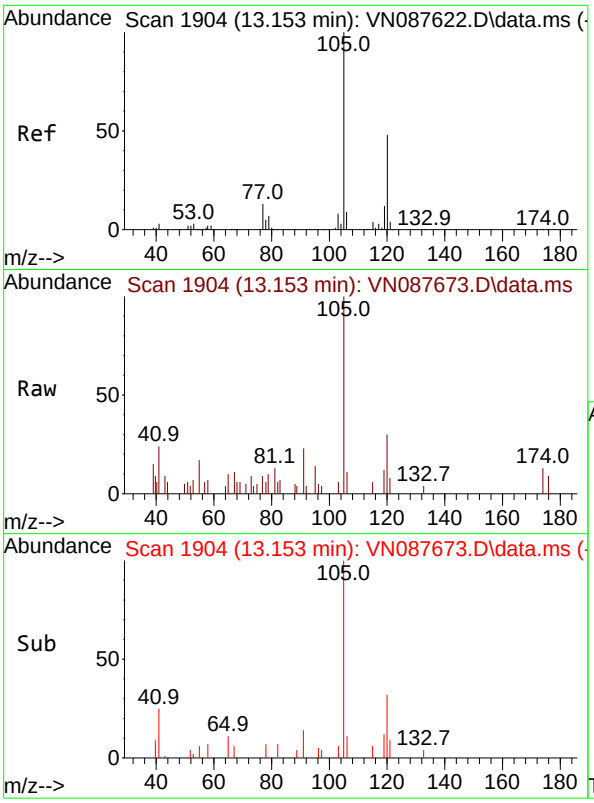


#78
n-propylbenzene
Concen: 7.495 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion: 91 Resp: 127506

Ion	Ratio	Lower	Upper
91	100		
120	18.9	10.7	32.1



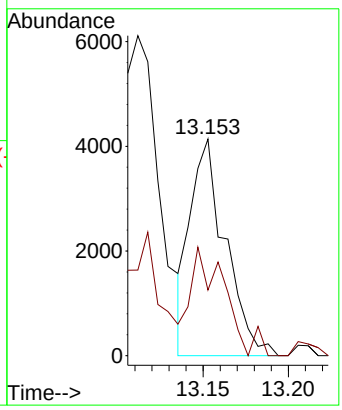


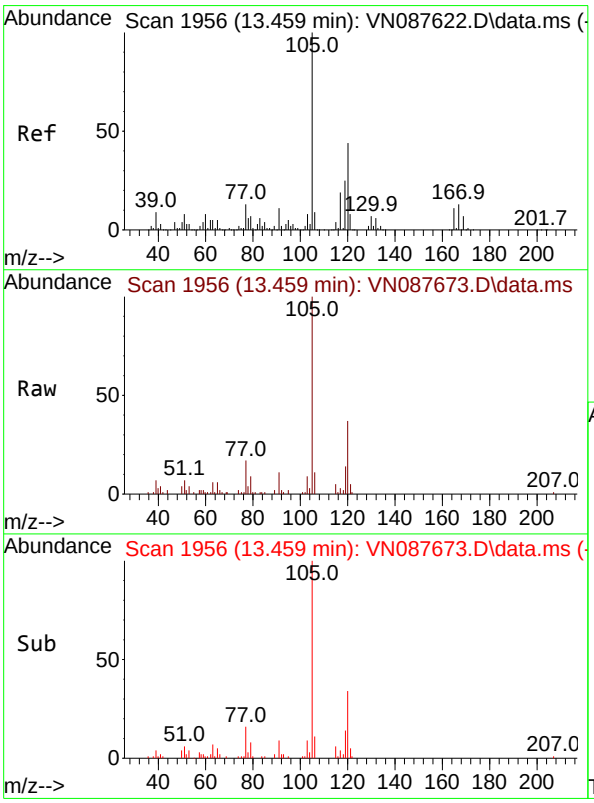
#80
1,3,5-Trimethylbenzene
Concen: 0.504 ug/l
RT: 13.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 5909

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.6

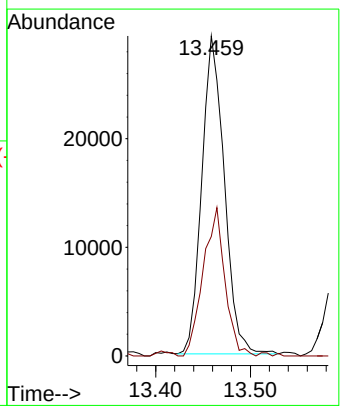


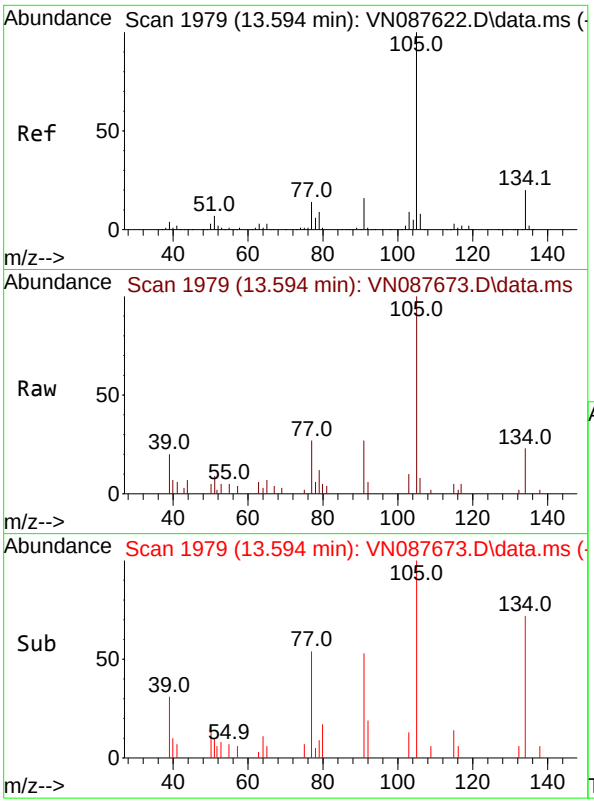


#84
1,2,4-Trimethylbenzene
Concen: 4.117 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion:105 Resp: 48284

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.0	66.0



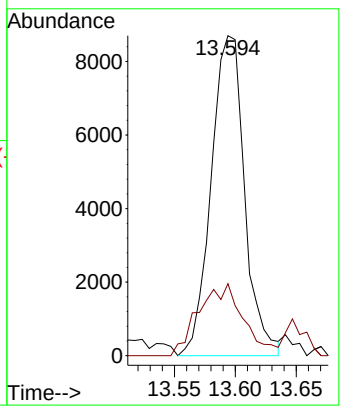


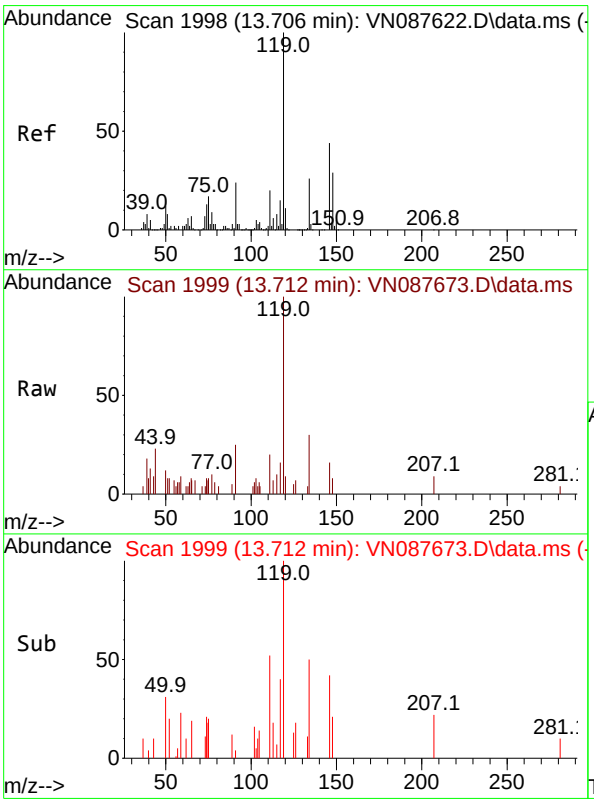
#85
sec-Butylbenzene
Concen: 1.149 ug/l
RT: 13.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 16652

Ion	Ratio	Lower	Upper
105	100		
134	29.7	9.6	28.6#

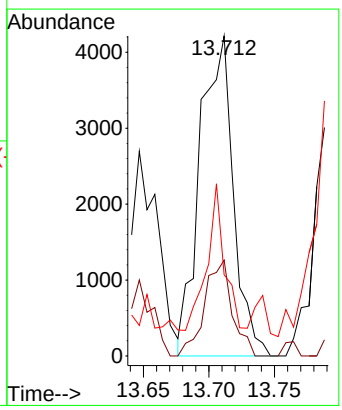




#86
p-Isopropyltoluene
Concen: 0.624 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087673.D
Acq: 26 Aug 2025 16:24

Tgt Ion:119 Resp: 7468

Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.7	38.0
91	24.0	12.5	37.5



Sample Results: **VN087673.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

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

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

Signal : TIC: VN087673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.265	216	223	232	rBV3	32518	77356	4.75%	0.482%
2	3.659	282	290	297	rBV4	13912	35933	2.21%	0.224%
3	4.142	364	372	378	rBV5	11351	28581	1.76%	0.178%
4	4.418	417	419	430	rVB7	7903	19015	1.17%	0.118%
5	5.277	551	565	567	rBV6	13575	46519	2.86%	0.290%
6	5.347	567	577	596	rVB7	28578	163902	10.07%	1.020%
7	5.800	645	654	667	rVB4	30437	107336	6.60%	0.668%
8	6.636	785	796	797	rBV5	12602	24519	1.51%	0.153%
9	7.071	859	870	880	rBV6	14275	40437	2.48%	0.252%
10	7.312	900	911	931	rVV2	76463	245826	15.11%	1.530%
11	7.959	1007	1021	1023	rBV3	43478	122158	7.51%	0.761%
12	8.153	1043	1054	1058	rBV	196939	487630	29.96%	3.036%
13	8.206	1058	1063	1076	rVV3	276038	857636	52.70%	5.339%
14	8.312	1076	1081	1093	rVV5	29395	76828	4.72%	0.478%
15	8.430	1093	1101	1106	rVV3	29303	67885	4.17%	0.423%
16	8.494	1107	1112	1116	rVV5	18299	39521	2.43%	0.246%
17	8.583	1116	1127	1139	rVV3	341159	1127080	69.26%	7.017%
18	8.712	1139	1149	1155	rVV5	58105	186890	11.48%	1.164%
19	8.771	1155	1159	1165	rVV4	44526	99658	6.12%	0.620%
20	8.835	1165	1170	1179	rVB5	43200	97971	6.02%	0.610%
21	9.082	1203	1212	1227	rBV2	532529	1210677	74.40%	7.537%
22	9.312	1245	1251	1252	rBV2	15453	22313	1.37%	0.139%
23	9.365	1255	1260	1267	rVB2	26632	58525	3.60%	0.364%
24	9.547	1280	1291	1292	rBV3	49711	89961	5.53%	0.560%
25	9.577	1293	1296	1304	rVB3	70445	132625	8.15%	0.826%
26	9.759	1320	1327	1332	rVB4	10784	23400	1.44%	0.146%
27	9.847	1332	1342	1349	rBV3	24444	56018	3.44%	0.349%
28	9.947	1349	1359	1362	rVV7	31140	98250	6.04%	0.612%
29	9.988	1362	1366	1375	rVB5	41808	88427	5.43%	0.551%
30	10.082	1375	1382	1386	rBV3	24349	53169	3.27%	0.331%
31	10.135	1386	1391	1401	rVV8	20164	58385	3.59%	0.363%
32	10.235	1406	1408	1414	rVB4	13324	20249	1.24%	0.126%
33	10.312	1414	1421	1427	rBV6	22825	48803	3.00%	0.304%
34	10.429	1434	1441	1453	rVB3	66988	151466	9.31%	0.943%
35	10.547	1453	1461	1469	rBV	841907	1627363	100.00%	10.131%
36	10.724	1484	1491	1502	rVB6	45394	137012	8.42%	0.853%

Sample Results: **VN087673.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

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

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

37	10.824	1504	1508	1513	rVB7	12019	22297	1.37%	0.139%
38	10.888	1513	1519	1525	rBV3	61374	111554	6.85%	0.694%
39	10.965	1525	1532	1542	rVV6	78741	226058	13.89%	1.407%
40	11.059	1542	1548	1556	rVB10	11482	34346	2.11%	0.214%
41	11.229	1570	1577	1582	rBV6	36201	76711	4.71%	0.478%
42	11.271	1582	1584	1588	rVV5	15076	23910	1.47%	0.149%
43	11.318	1588	1592	1596	rVB3	20528	30382	1.87%	0.189%
44	11.365	1596	1600	1604	rBV3	13109	22130	1.36%	0.138%
45	11.447	1609	1614	1619	rVV4	37753	75701	4.65%	0.471%
46	11.500	1619	1623	1627	rVV5	17662	33086	2.03%	0.206%
47	11.547	1627	1631	1638	rVB4	21081	40714	2.50%	0.253%
48	11.659	1643	1650	1658	rBV9	21025	45863	2.82%	0.286%
49	11.771	1661	1669	1672	rBV8	12737	27006	1.66%	0.168%
50	11.841	1674	1681	1694	rBV	680460	1288797	79.20%	8.024%
51	11.941	1694	1698	1708	rVB3	52718	105398	6.48%	0.656%
52	12.053	1710	1717	1722	rBV2	74559	151259	9.29%	0.942%
53	12.559	1791	1803	1807	rBV8	25296	67024	4.12%	0.417%
54	12.671	1813	1822	1830	rBV	112832	206044	12.66%	1.283%
55	12.829	1839	1849	1860	rBV	496471	938933	57.70%	5.845%
56	12.912	1860	1863	1868	rVB4	13293	21172	1.30%	0.132%
57	13.012	1873	1880	1887	rVV	161109	277135	17.03%	1.725%
58	13.112	1891	1897	1901	rVV4	20713	46516	2.86%	0.290%
59	13.153	1901	1904	1909	rVB5	13626	21264	1.31%	0.132%
60	13.312	1924	1931	1937	rVB	64035	106871	6.57%	0.665%
61	13.406	1943	1947	1951	rBV7	13939	22142	1.36%	0.138%
62	13.459	1951	1956	1964	rVB2	86056	150999	9.28%	0.940%
63	13.588	1971	1978	1985	rVB3	24135	55041	3.38%	0.343%
64	13.706	1993	1998	2002	rBV2	18223	27482	1.69%	0.171%
65	13.770	2002	2009	2020	rBV2	681649	1388949	85.35%	8.647%
66	13.859	2020	2024	2030	rVB3	19572	37537	2.31%	0.234%
67	13.929	2030	2036	2038	rBV2	78313	118571	7.29%	0.738%
68	13.970	2038	2043	2049	rBV	363746	585383	35.97%	3.644%
69	14.094	2059	2064	2070	rVB4	37712	68795	4.23%	0.428%
70	14.165	2070	2076	2082	rBV	21031	38634	2.37%	0.241%
71	14.306	2095	2100	2106	rBV	58753	93463	5.74%	0.582%
72	14.370	2106	2111	2114	rVV2	24745	41760	2.57%	0.260%
73	14.423	2114	2120	2127	rVV	291251	502728	30.89%	3.130%
74	14.482	2127	2130	2136	rVV8	16876	29793	1.83%	0.185%
75	14.559	2138	2143	2147	rVV3	17508	29999	1.84%	0.187%
76	14.629	2147	2155	2161	rVV2	89486	169809	10.43%	1.057%

Sample Results: **VN087673.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

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

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

77	14.712	2165	2169	2172	rVV5	16855	28579	1.76%	0.178%
78	14.747	2172	2175	2182	rVB5	21496	40004	2.46%	0.249%
79	14.853	2187	2193	2196	rVV4	18536	33476	2.06%	0.208%
80	14.906	2196	2202	2212	rVV2	112172	212127	13.04%	1.321%
81	15.023	2214	2222	2229	rVV4	73875	175833	10.80%	1.095%
82	15.094	2229	2234	2239	rVB5	18214	33964	2.09%	0.211%
83	15.182	2244	2249	2255	rVV5	29434	51612	3.17%	0.321%
84	15.288	2255	2267	2275	rVV5	45082	134594	8.27%	0.838%
85	15.400	2277	2286	2294	rVB6	37892	118351	7.27%	0.737%
86	15.611	2318	2322	2328	rBV2	14556	26417	1.62%	0.164%
87	16.311	2437	2441	2446	rVB6	8793	17095	1.05%	0.106%

Sum of corrected areas: 16062632

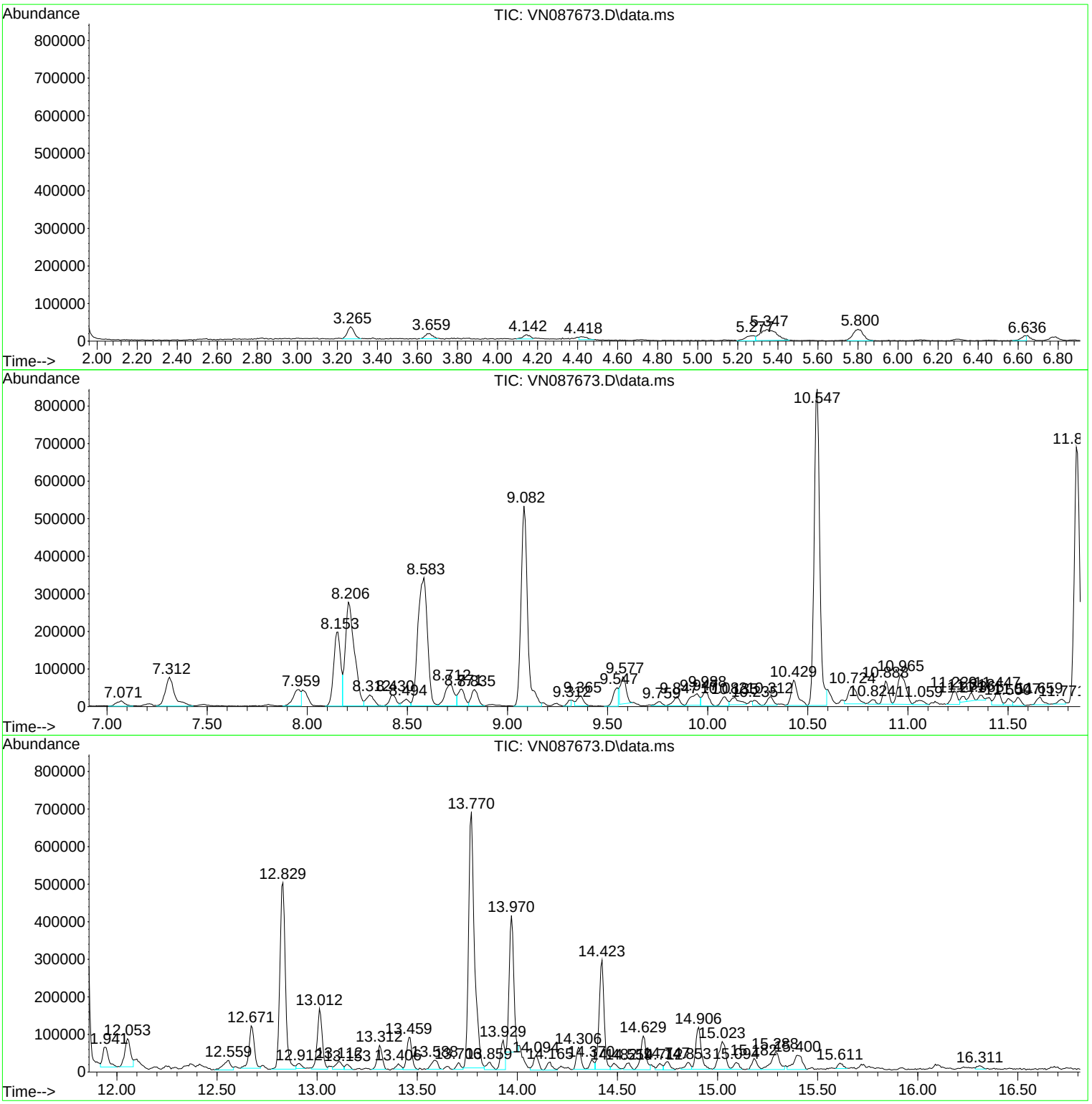
Sample Results: **VN087673.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

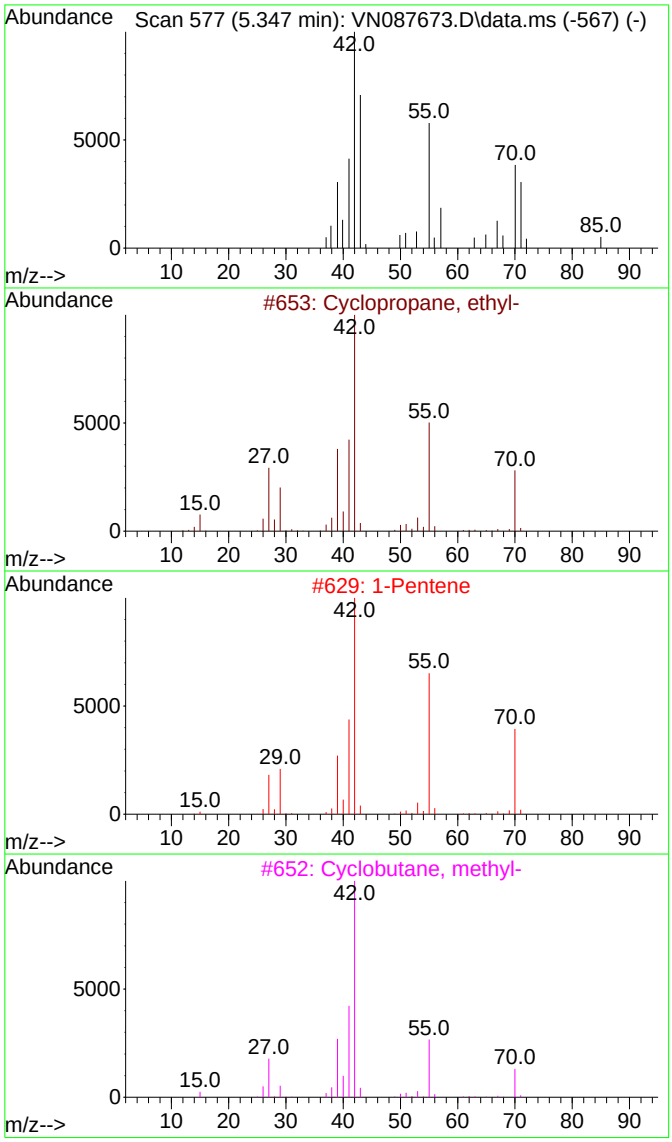
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

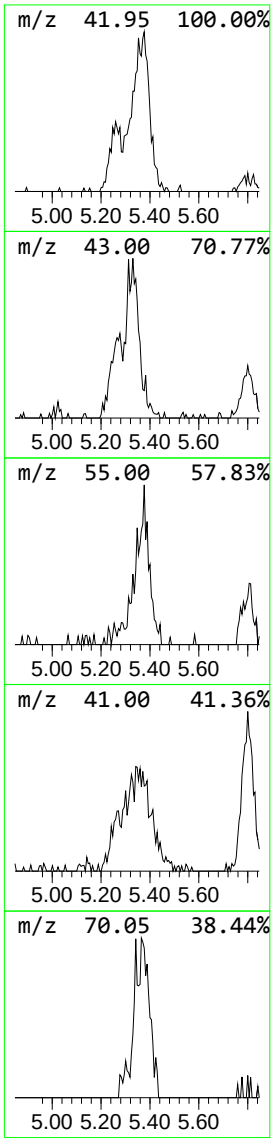
****

Peak Number 1 Cyclopropane, ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.347	9.56 ug/l	163902	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	1-Pentene	70	C5H10	000109-67-1	58
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	53
4	Carbonochloridic acid, pentyl ester	150	C6H11ClO2	000638-41-5	36
5	1-Pentanol	88	C5H12O	000071-41-0	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

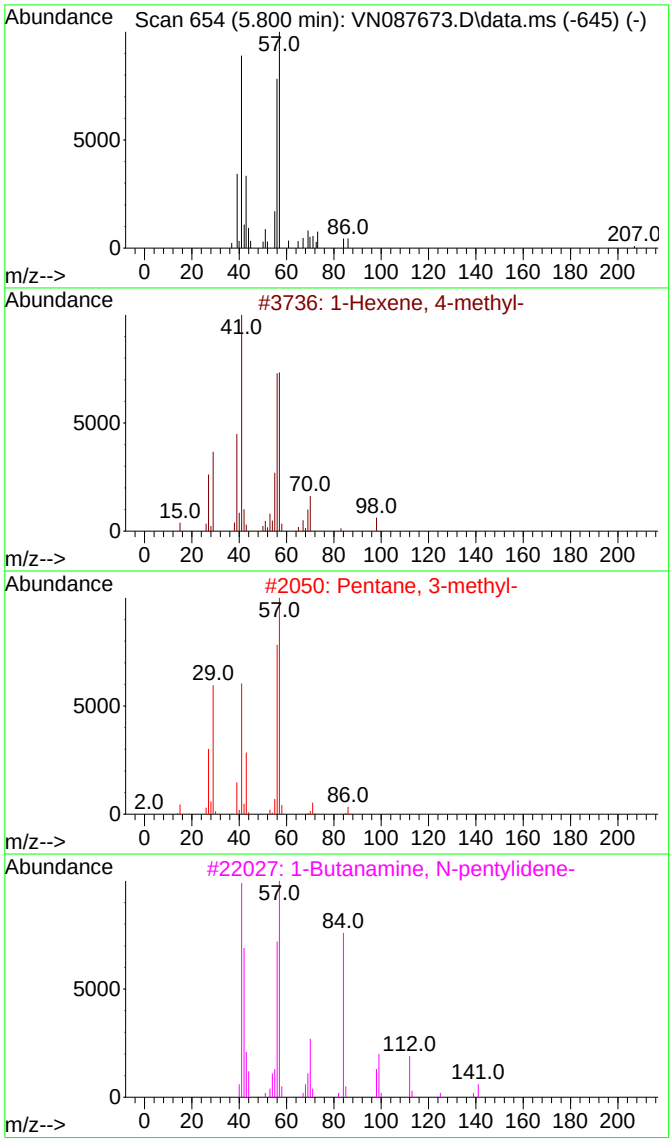
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

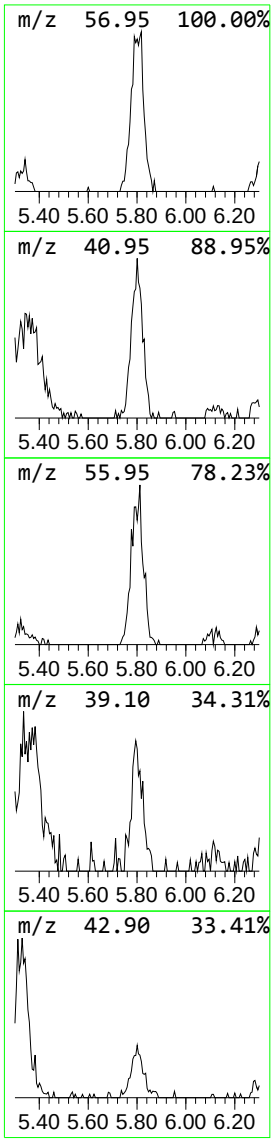
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	6.26 ug/l	107336	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	64
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3	1-Butanamine, N-pentylidene-	141	C9H19N	010599-77-6	39
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	39
5	Peroxide, dibutyl	146	C8H18O2	003849-34-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

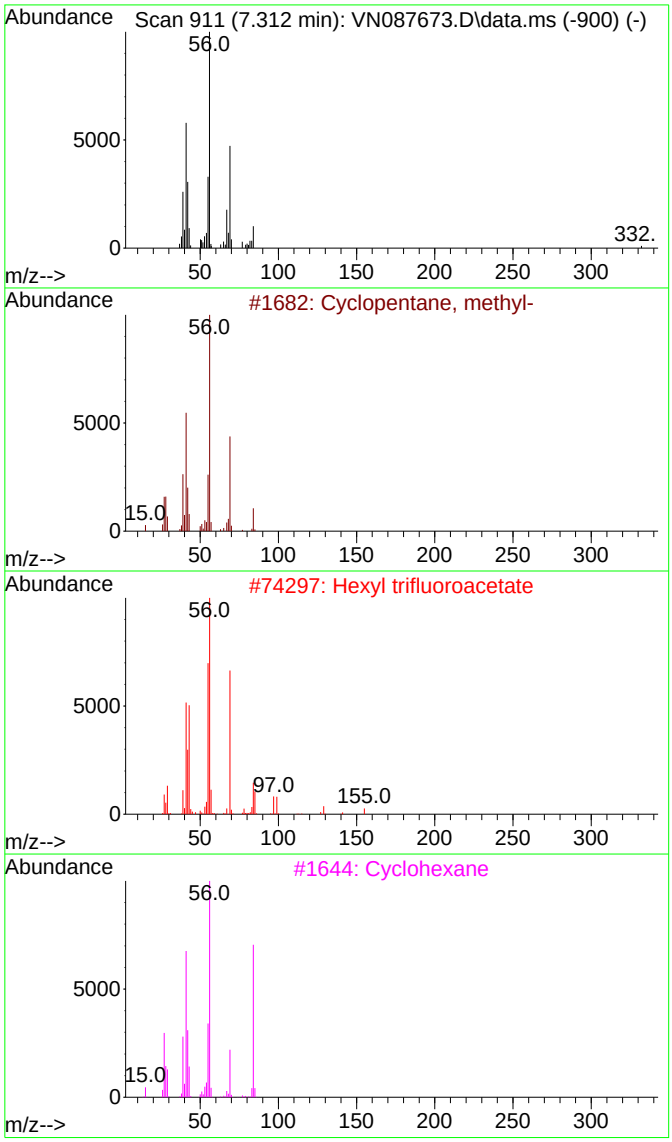
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

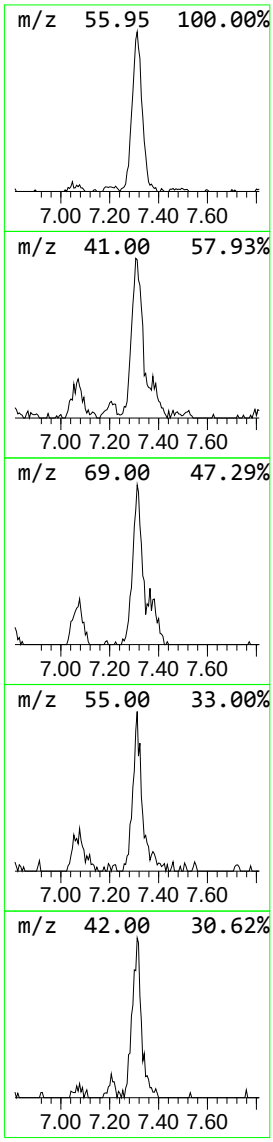
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	14.33 ug/l	245826	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	64
3	Cyclohexane	84	C6H12	000110-82-7	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

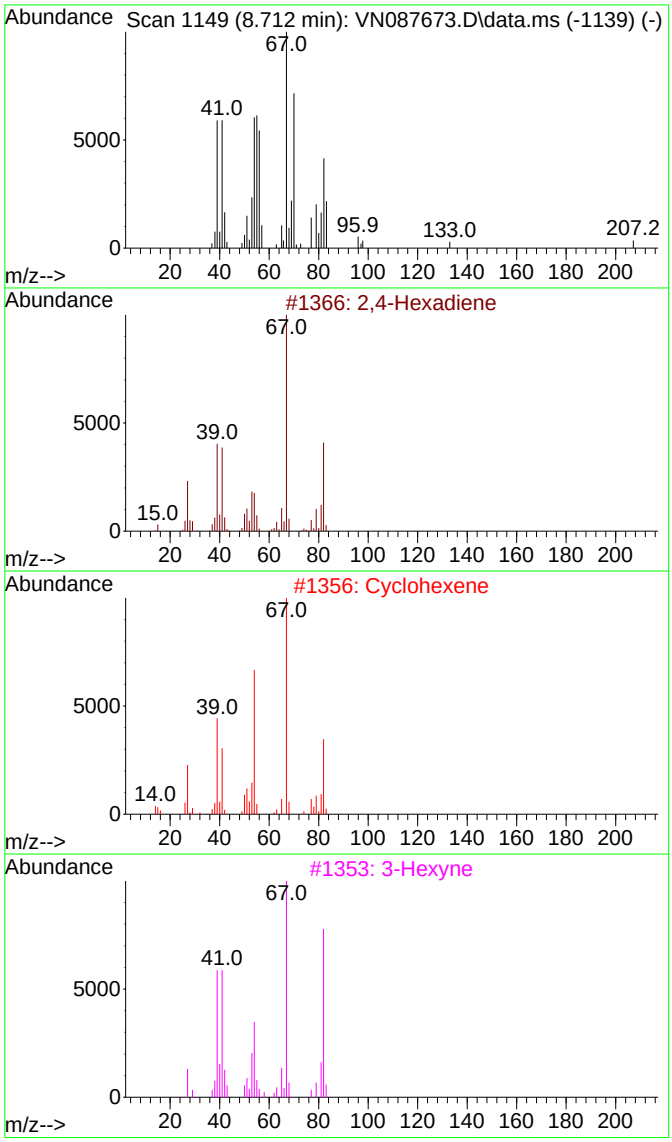
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

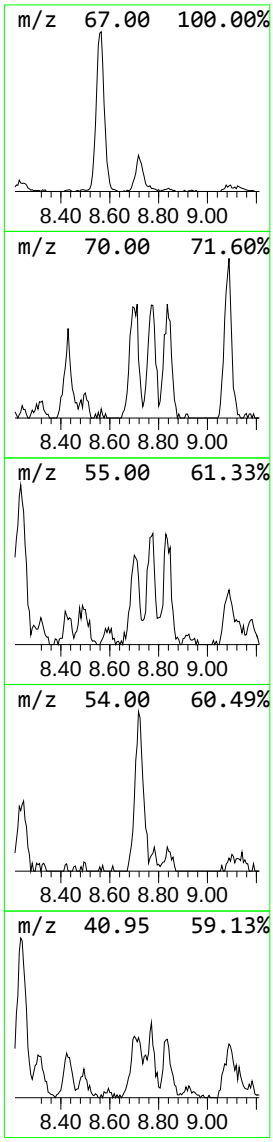
****

Peak Number 4 2,4-Hexadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.712	7.72 ug/l	186890	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene	82	C6H10	000592-46-1	55
2	Cyclohexene	82	C6H10	000110-83-8	53
3	3-Hexyne	82	C6H10	000928-49-4	49
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	49
5	1,4-Hexadiene	82	C6H10	000592-45-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

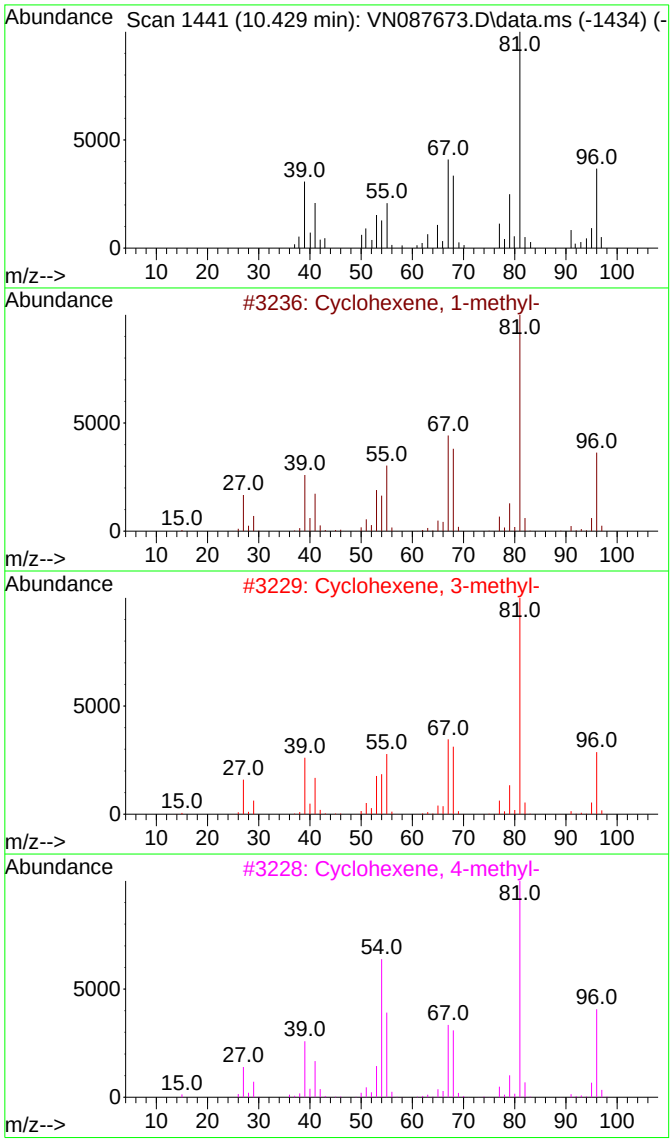
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

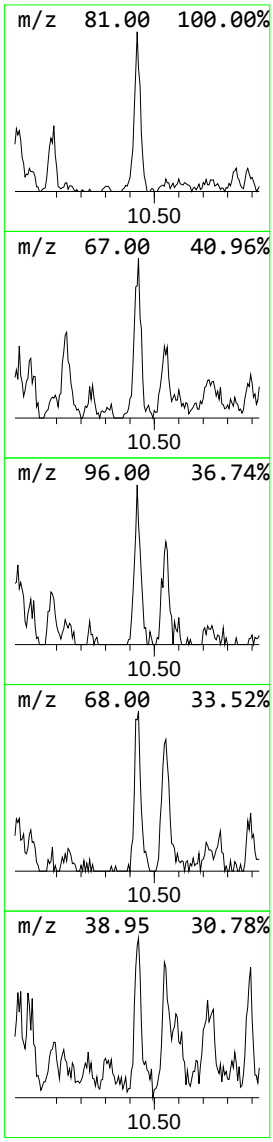
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.430	6.26 ug/l	151466	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	86
4	2-Heptyne	96	C7H12	001119-65-9	80
5	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

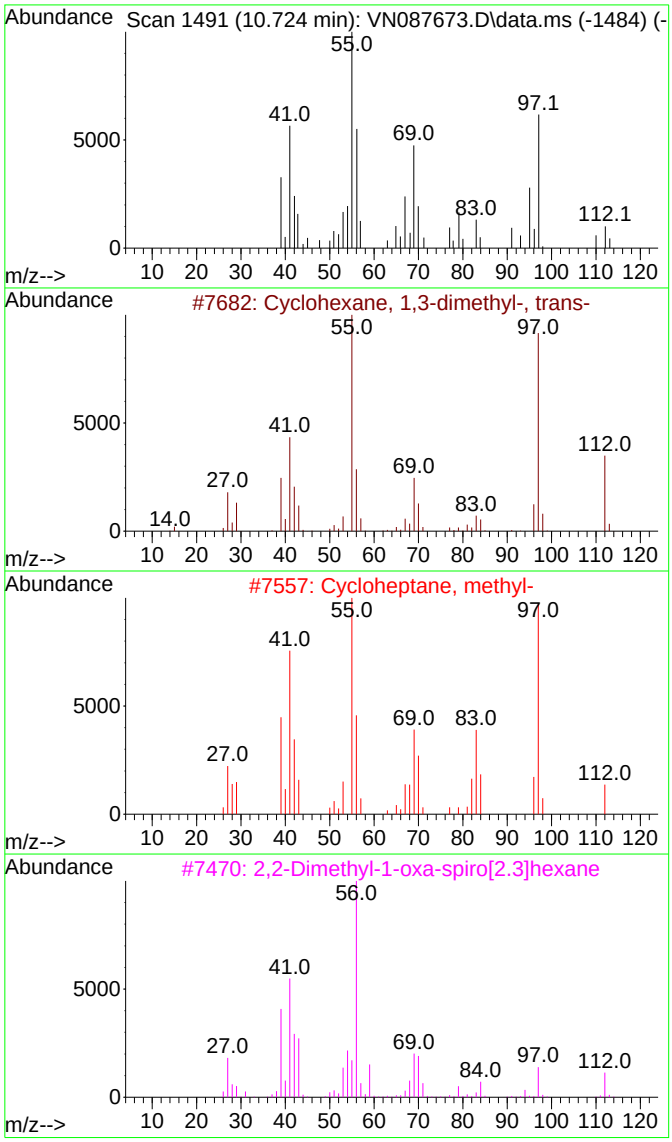
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

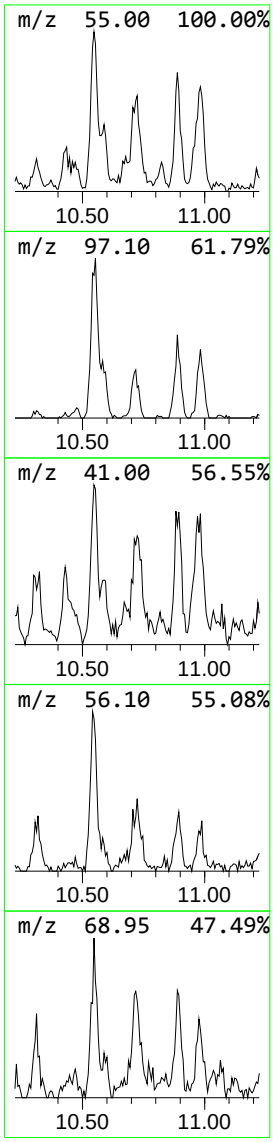
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown10.724 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.724	5.32 ug/l	137012	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	43
3	2,2-Dimethyl-1-oxa-spiro[2.3]hexane	112	C7H12O	1000194-04-4	35
4	10-Azido-1-decanethiol	215	C10H21N3S	1152113-44-4	35
5	2-Octene, (E)-	112	C8H16	013389-42-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

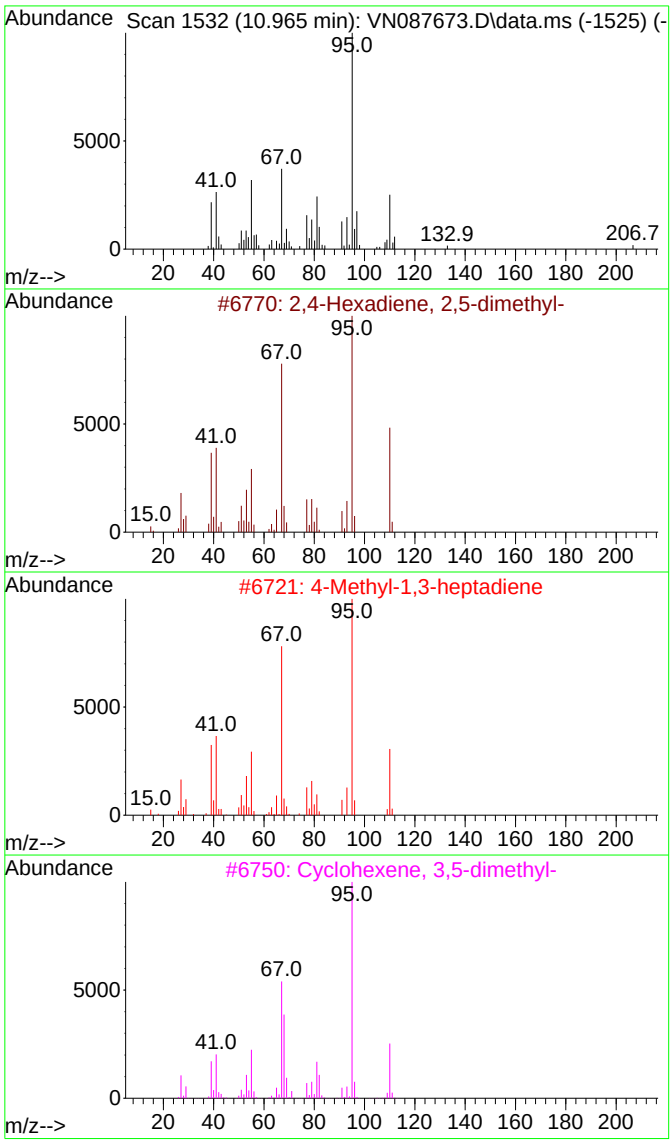
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

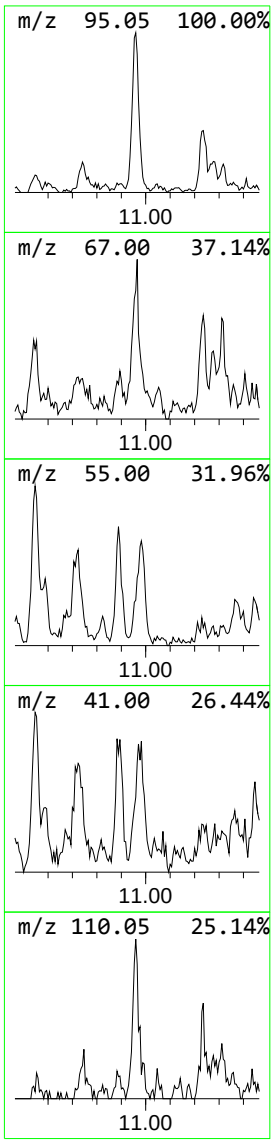
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4-Hexadiene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.965	8.77 ug/l	226058	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	74
2	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	74
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	72
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

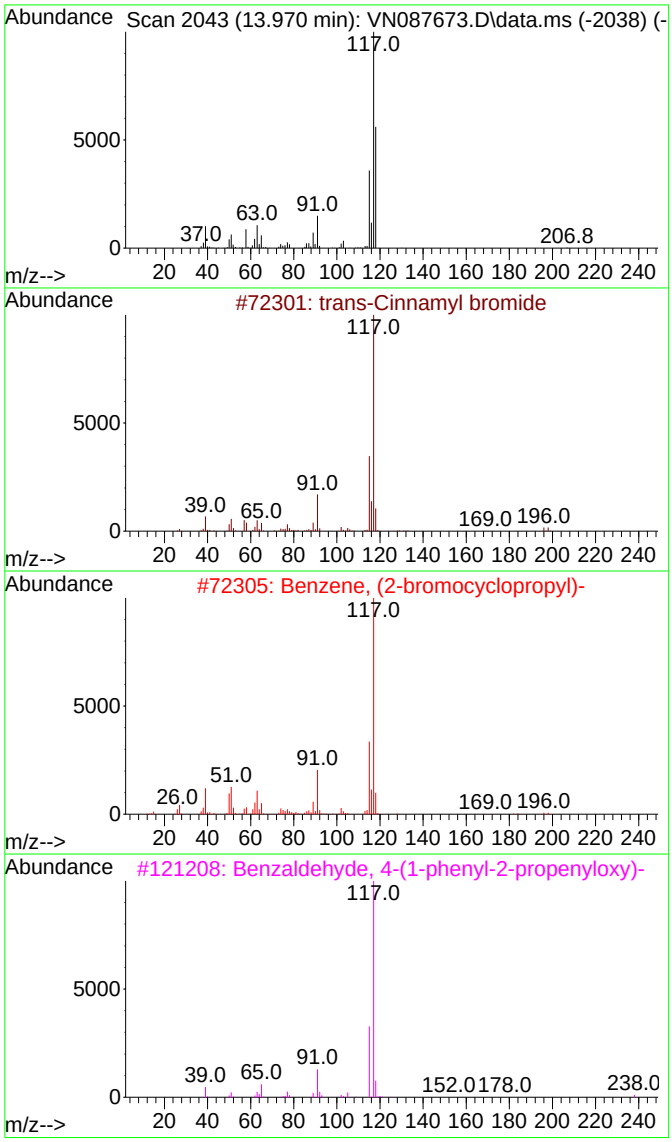
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

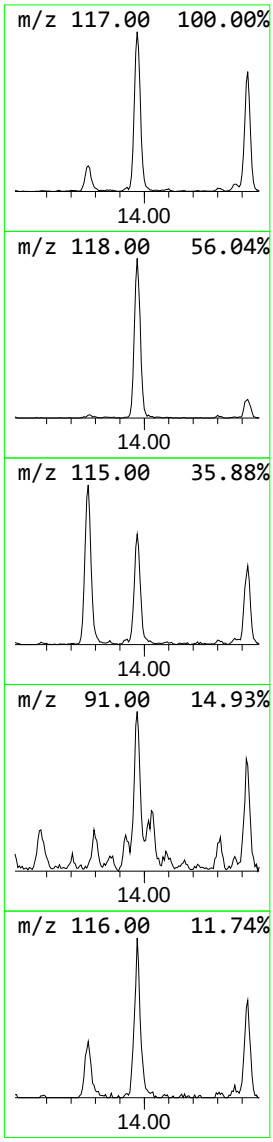
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 trans-Cinnamyl bromide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	21.07 ug/l	585383	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	50
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
4	Indole	117	C8H7N	000120-72-9	47
5	4-Ethynylaniline	117	C8H7N	014235-81-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

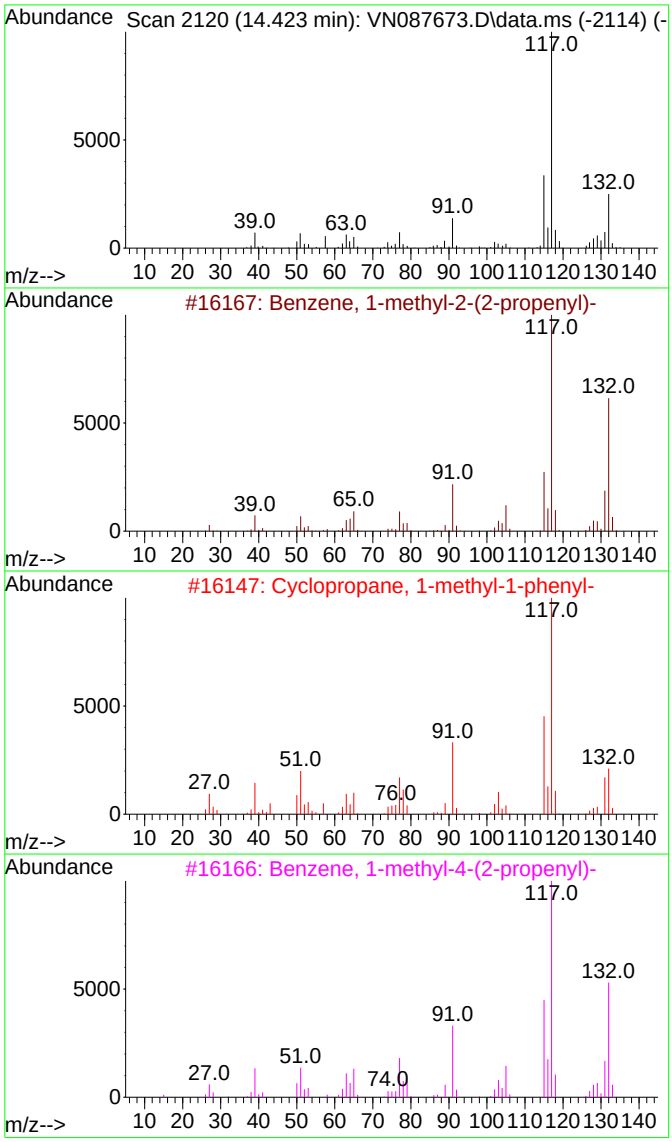
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

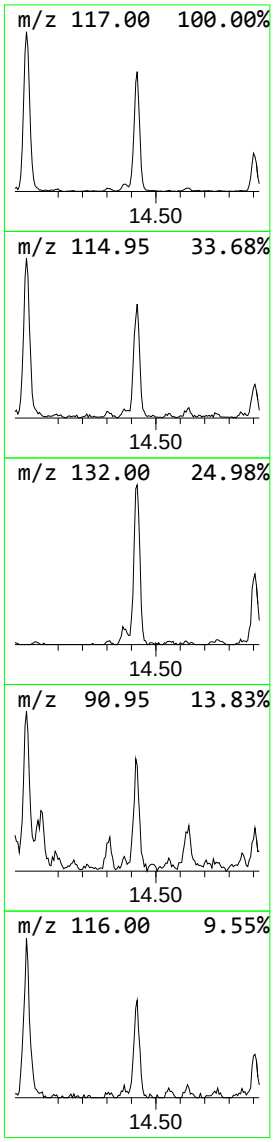
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.423	18.10 ug/l	502728	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





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Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

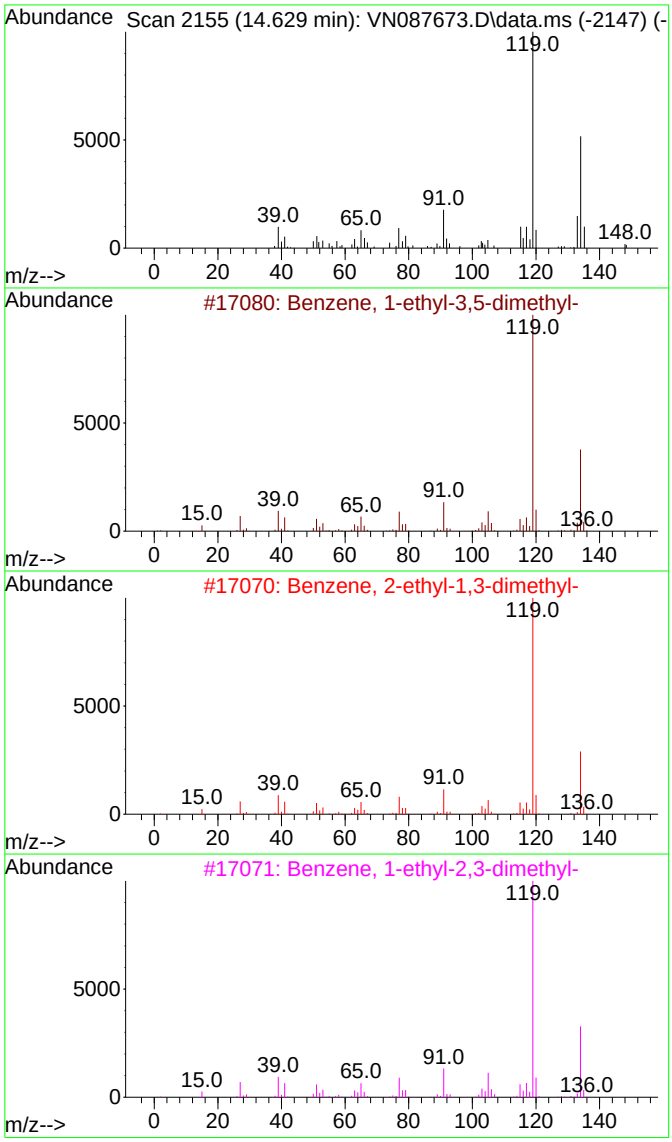
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

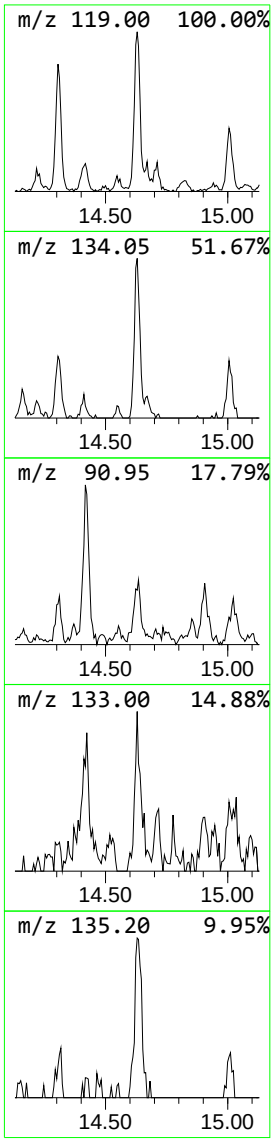
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	6.11 ug/l	169809	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

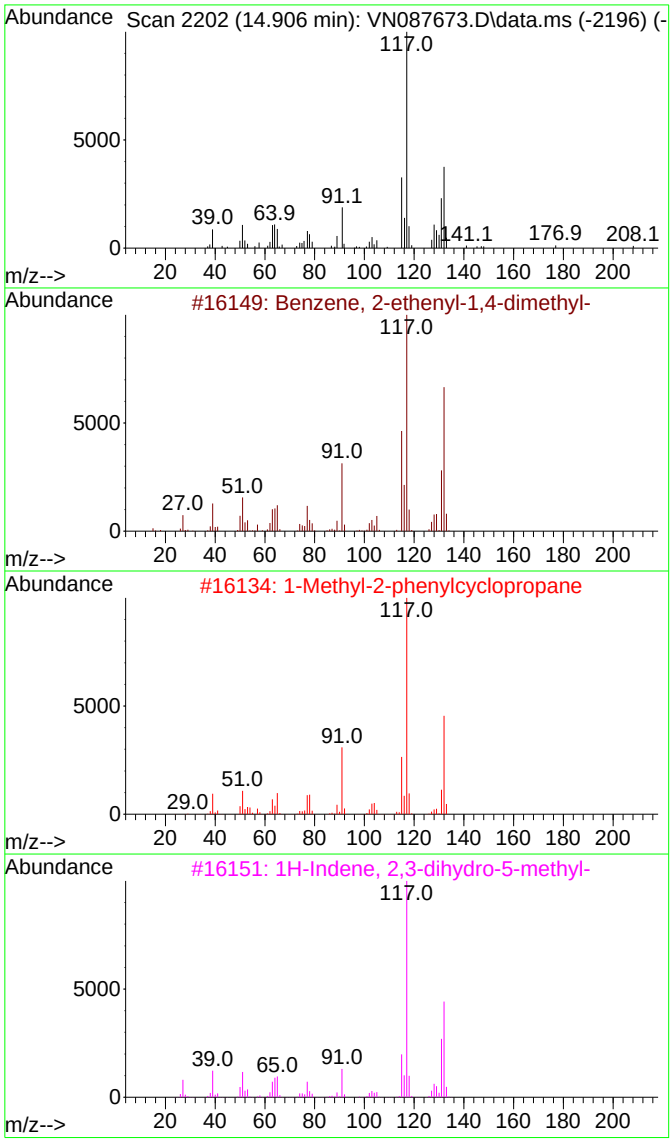
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

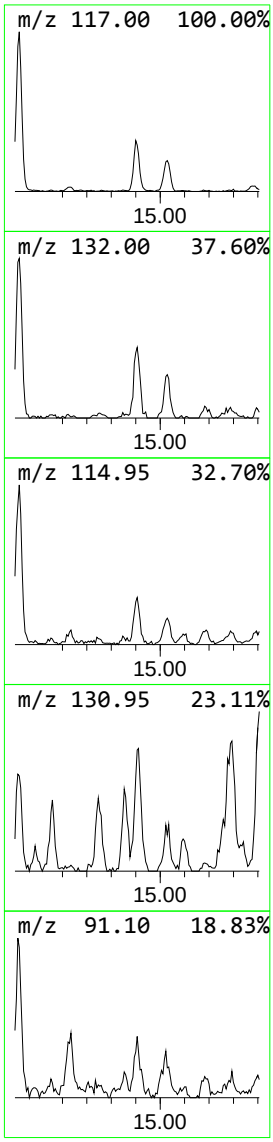
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.906	7.64 ug/l	212127	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

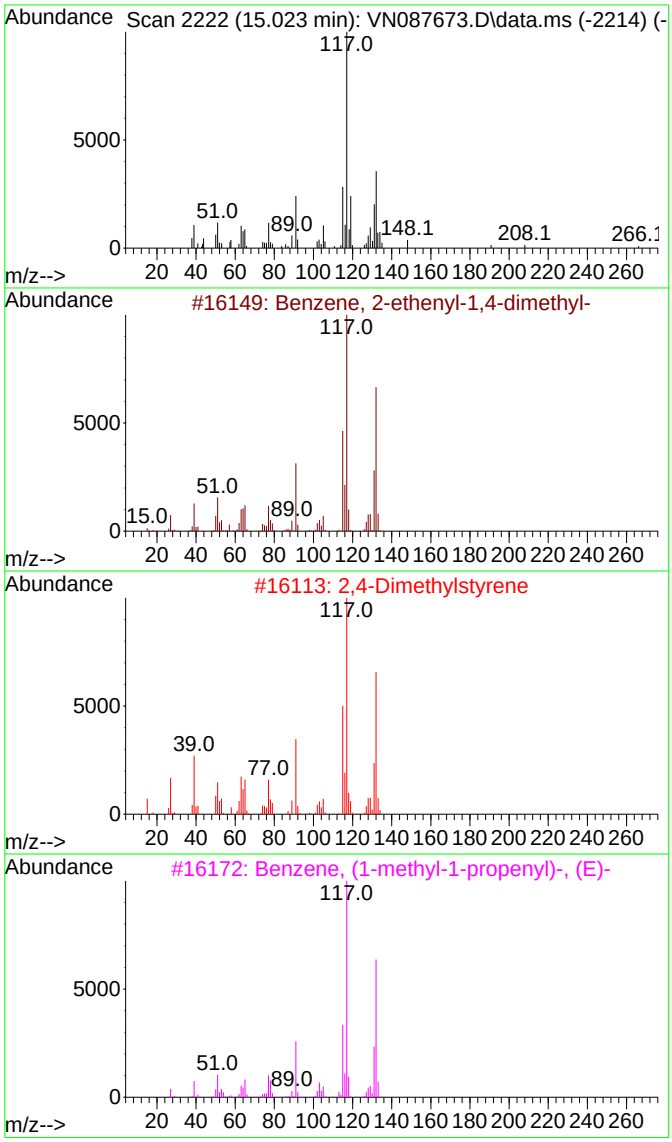
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

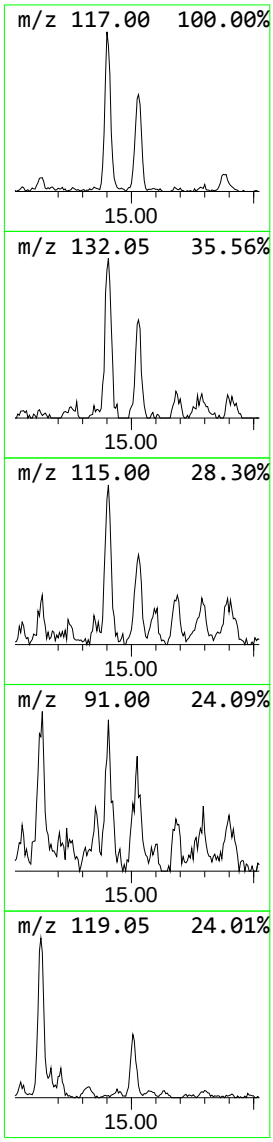
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,4-Dimethylstyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	6.33 ug/l	175833	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087673.D
Acq On : 26 Aug 2025 16:24
Operator : JC\MD
Sample : Q2963-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopropane, e...	5.347	9.6	ug/l	163902	1	8.206	857636	50.0
1-Hexene, 4-met...	5.800	6.3	ug/l	107336	1	8.206	857636	50.0
Cyclopentane, m...	7.312	14.3	ug/l	245826	1	8.206	857636	50.0
2,4-Hexadiene	8.712	7.7	ug/l	186890	2	9.082	1210680	50.0
Cyclohexene, 1-...	10.430	6.3	ug/l	151466	2	9.082	1210680	50.0
unknown10.724	10.724	5.3	ug/l	137012	3	11.841	1288800	50.0
2,4-Hexadiene, ...	10.965	8.8	ug/l	226058	3	11.841	1288800	50.0
trans-Cinnamyl ...	13.970	21.1	ug/l	585383	4	13.770	1388950	50.0
Benzene, 1-meth...	14.423	18.1	ug/l	502728	4	13.770	1388950	50.0
Benzene, 1-ethy...	14.629	6.1	ug/l	169809	4	13.770	1388950	50.0
Benzene, 2-ethe...	14.906	7.6	ug/l	212127	4	13.770	1388950	50.0
2,4-Dimethylsty...	15.023	6.3	ug/l	175833	4	13.770	1388950	50.0

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2963

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2963

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	9

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

Response Factor Report MSVOA_N_NEW

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

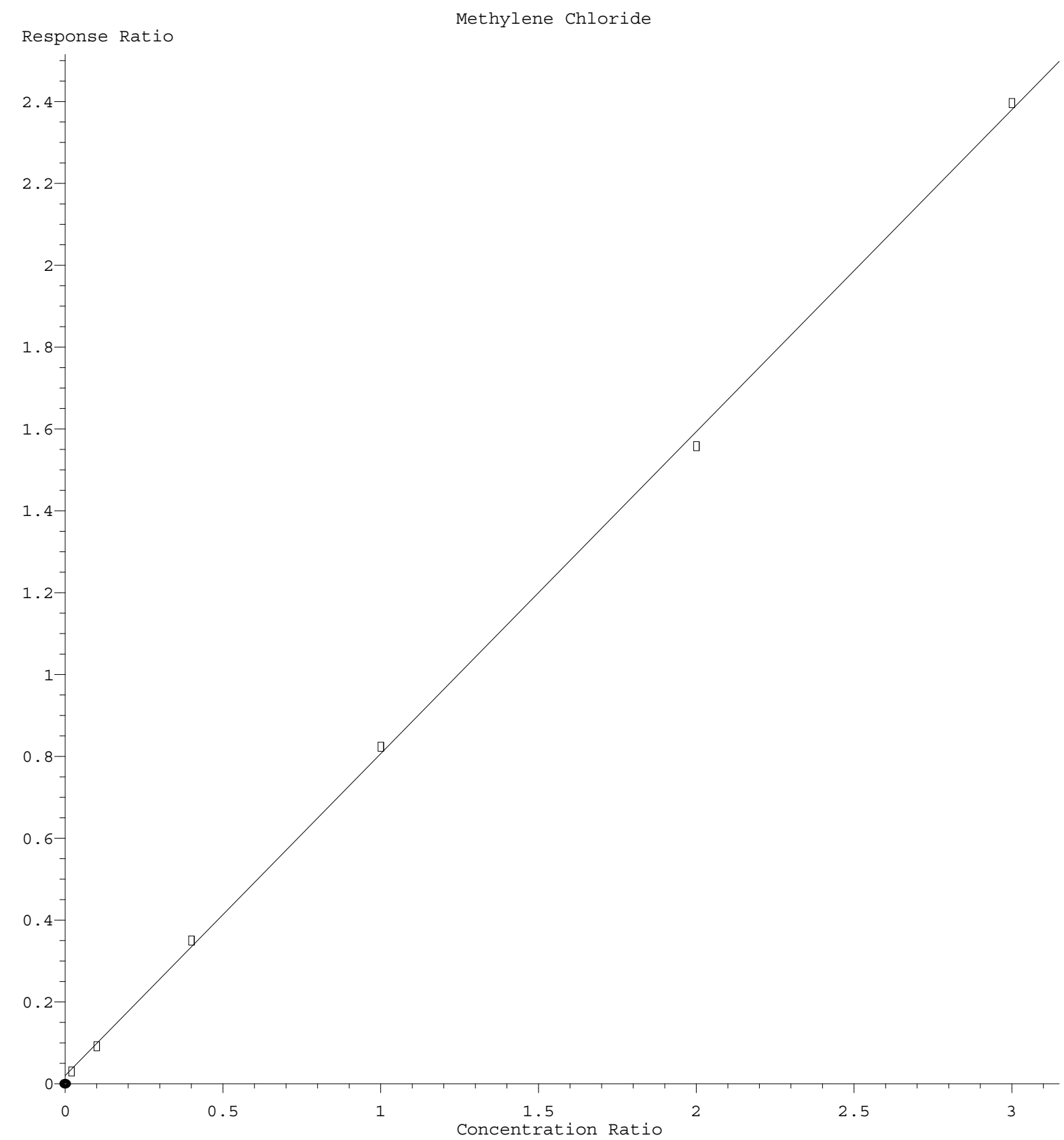
Calibration Files
1 =VN087619.D 5 =VN087620.D 20 =VN087621.D 50 =VN087622.D 100 =VN087623.D 150 =VN087624.D

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

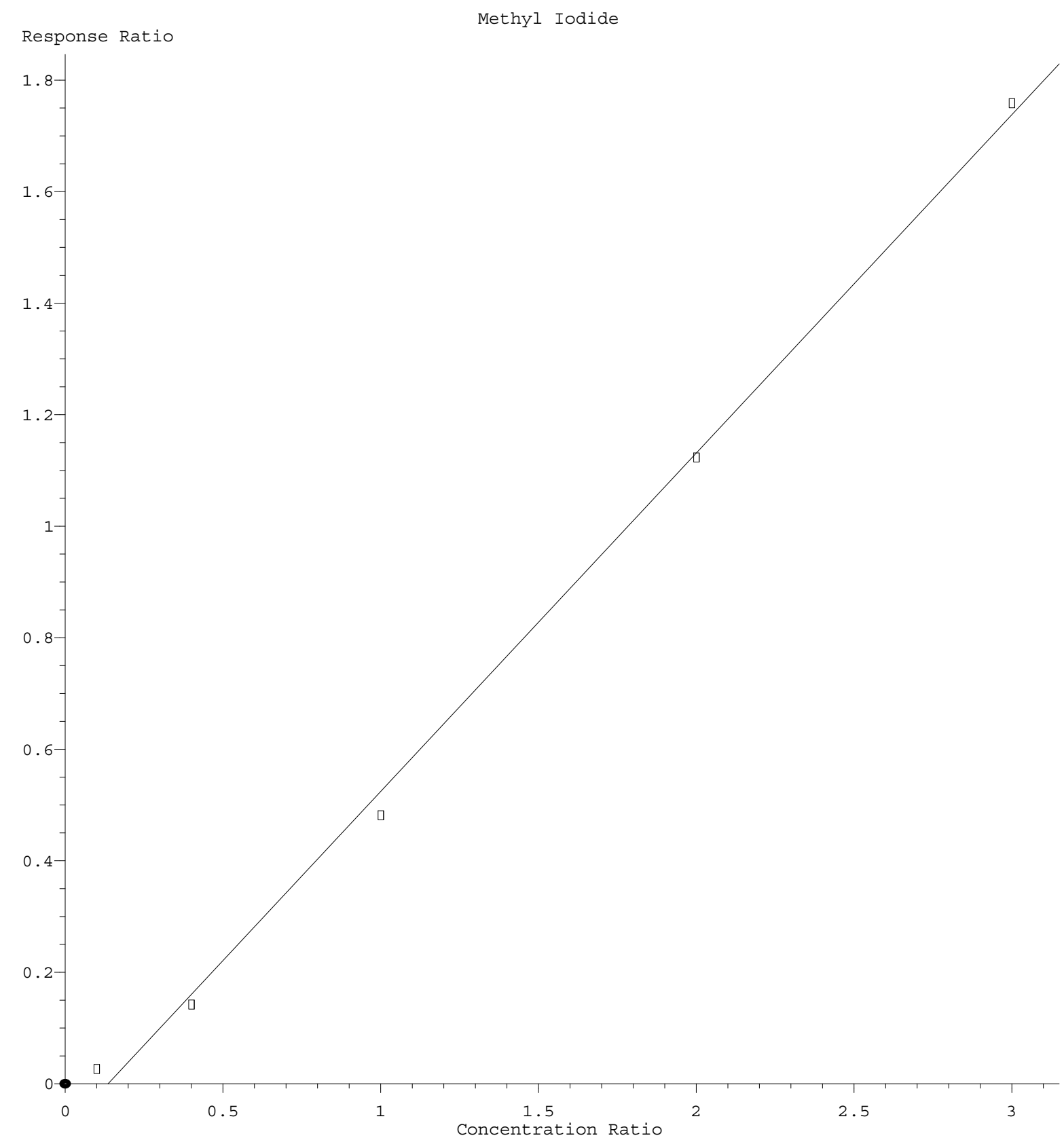
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N082125W.M

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

(#) = Out of Range



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



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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	214194	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	425894	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	384310	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	174637	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	3030	0.996	ug/l		75
3) Chloromethane	2.389	50	3165	1.012	ug/l	#	87
4) Vinyl Chloride	2.542	62	3896	1.075	ug/l		98
6) Chloroethane	3.142	64	3113	1.222	ug/l		89
7) Trichlorofluoromethane	3.518	101	5667	1.067	ug/l		88
8) Diethyl Ether	3.977	74	2728m	1.179	ug/l		
9) 1,1,2-Trichlorotrifluo...	4.371	101	3764	1.253	ug/l	#	68
12) 1,1-Dichloroethene	4.353	96	3823	1.238	ug/l	#	55
14) Allyl chloride	5.024	41	6754	1.207	ug/l	#	70
15) Acrylonitrile	5.706	53	11893	5.535	ug/l	#	90
16) Acetone	4.424	43	13568	5.679	ug/l	#	75
17) Carbon Disulfide	4.700	76	9734	1.145	ug/l	#	90
18) Methyl Acetate	5.012	43	6213m	1.242	ug/l		
19) Methyl tert-butyl Ether	5.794	73	12249	1.057	ug/l		91
20) Methylene Chloride	5.277	84	6402	0.627	ug/l	#	57
21) trans-1,2-Dichloroethene	5.777	96	4079	1.219	ug/l		93
22) Diisopropyl ether	6.665	45	12751	1.056	ug/l	#	76
23) Vinyl Acetate	6.588	43	56320	5.126	ug/l	#	90
24) 1,1-Dichloroethane	6.541	63	7704	1.163	ug/l	#	94
25) 2-Butanone	7.471	43	16779	5.338	ug/l		95
26) 2,2-Dichloropropane	7.477	77	6425	1.131	ug/l		77
27) cis-1,2-Dichloroethene	7.477	96	4272	1.068	ug/l		94
28) Bromochloromethane	7.794	49	3426	1.070	ug/l	#	91
29) Tetrahydrofuran	7.830	42	11129	5.502	ug/l		98
30) Chloroform	7.953	83	7183	1.063	ug/l		97
32) 1,1,1-Trichloroethane	8.159	97	6468	1.129	ug/l	#	52
36) 1,1-Dichloropropene	8.353	75	5965	1.264	ug/l		90
37) Ethyl Acetate	7.547	43	7468m	1.159	ug/l		
38) Carbon Tetrachloride	8.347	117	4866	1.045	ug/l		90
39) Methylcyclohexane	9.582	83	5843	1.125	ug/l	#	87
40) Benzene	8.588	78	15783	1.091	ug/l		100
41) Methacrylonitrile	7.771	41	3967	1.188	ug/l	#	71
42) 1,2-Dichloroethane	8.659	62	6078	1.093	ug/l		95
43) Isopropyl Acetate	8.677	43	10524	1.046	ug/l	#	64
44) Trichloroethene	9.329	130	3709	1.123	ug/l		96
45) 1,2-Dichloropropane	9.594	63	4636	1.216	ug/l		96

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

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

ICAL Form

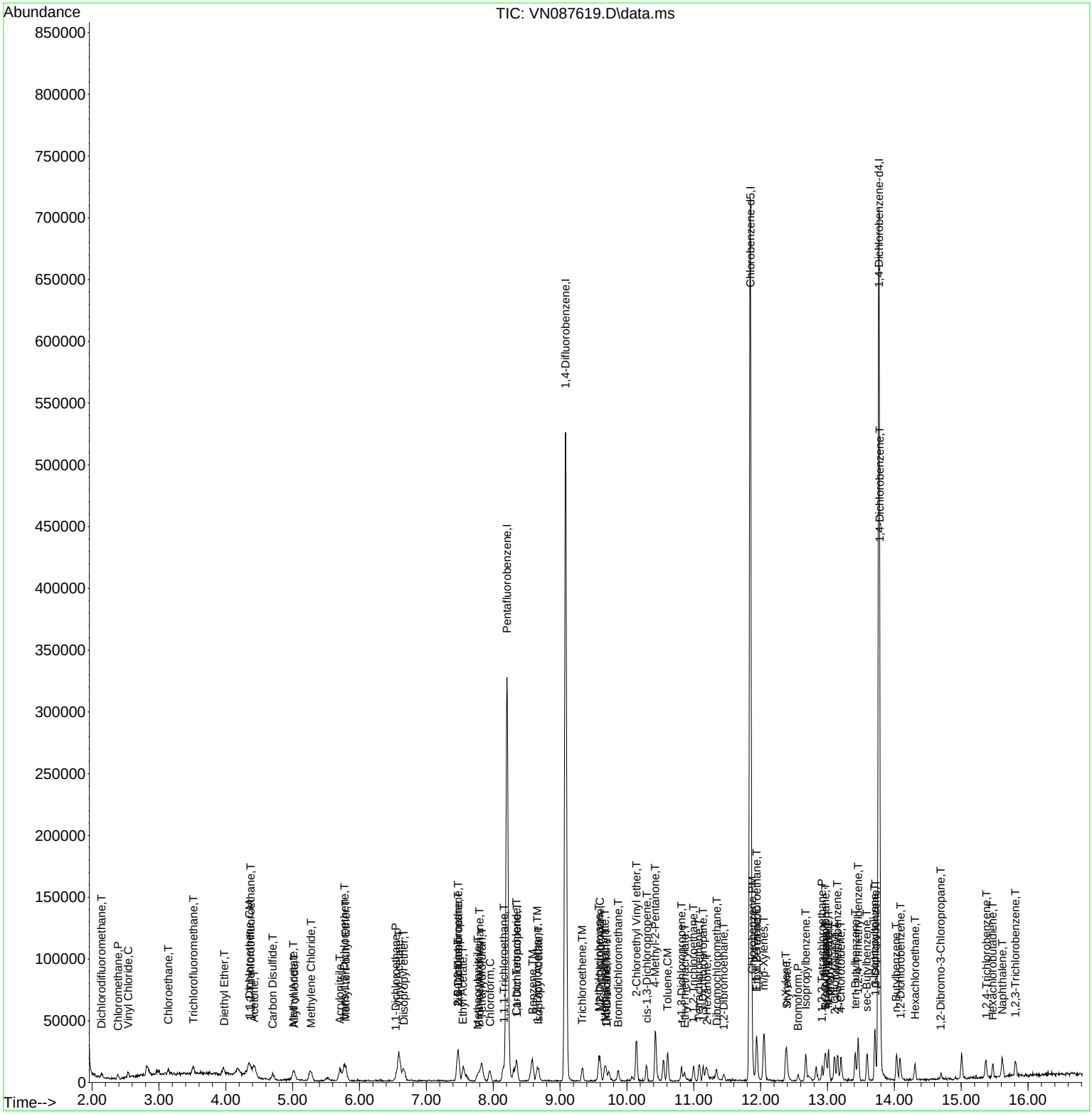
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

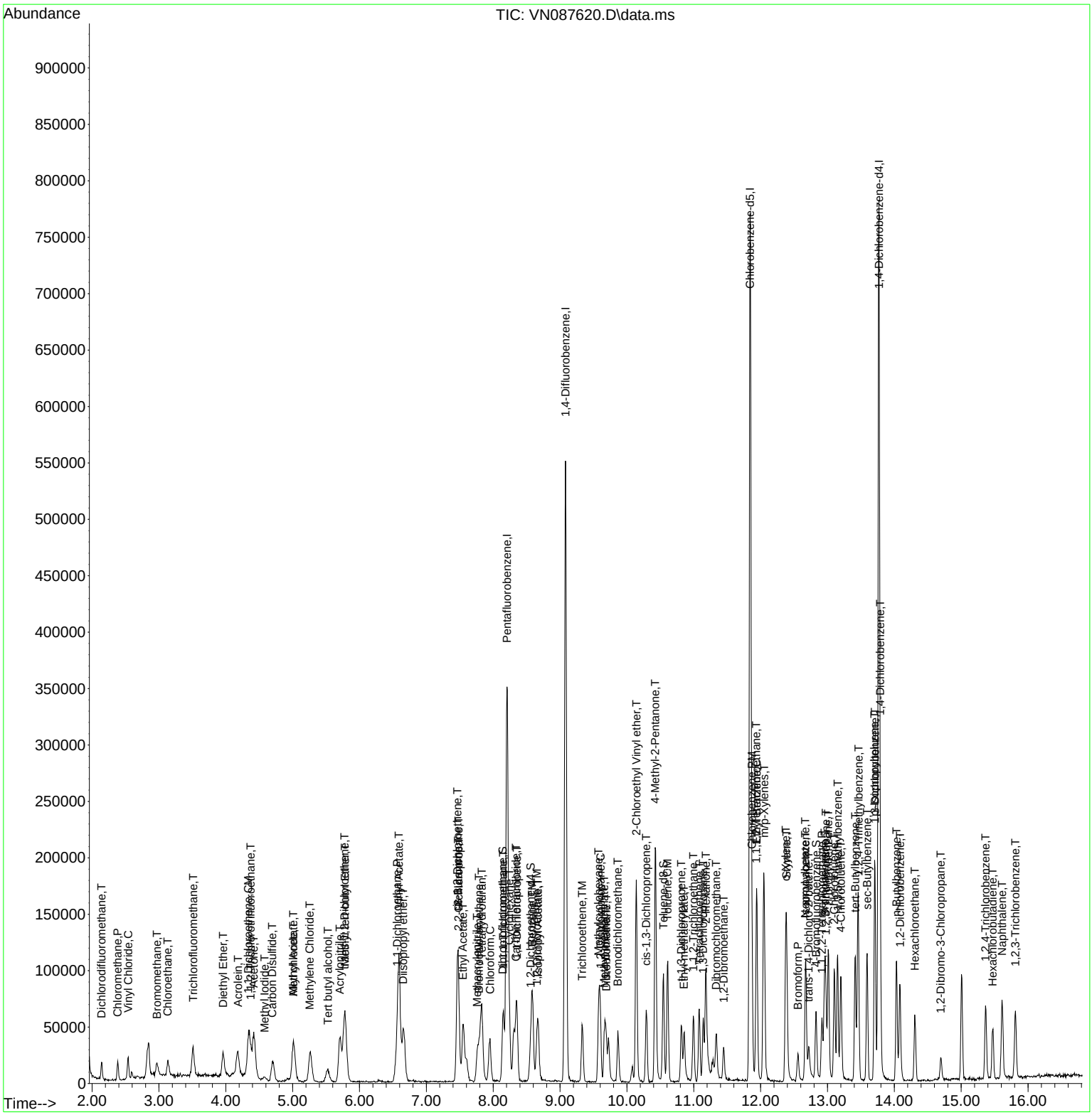
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

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

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

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

ICAL Form

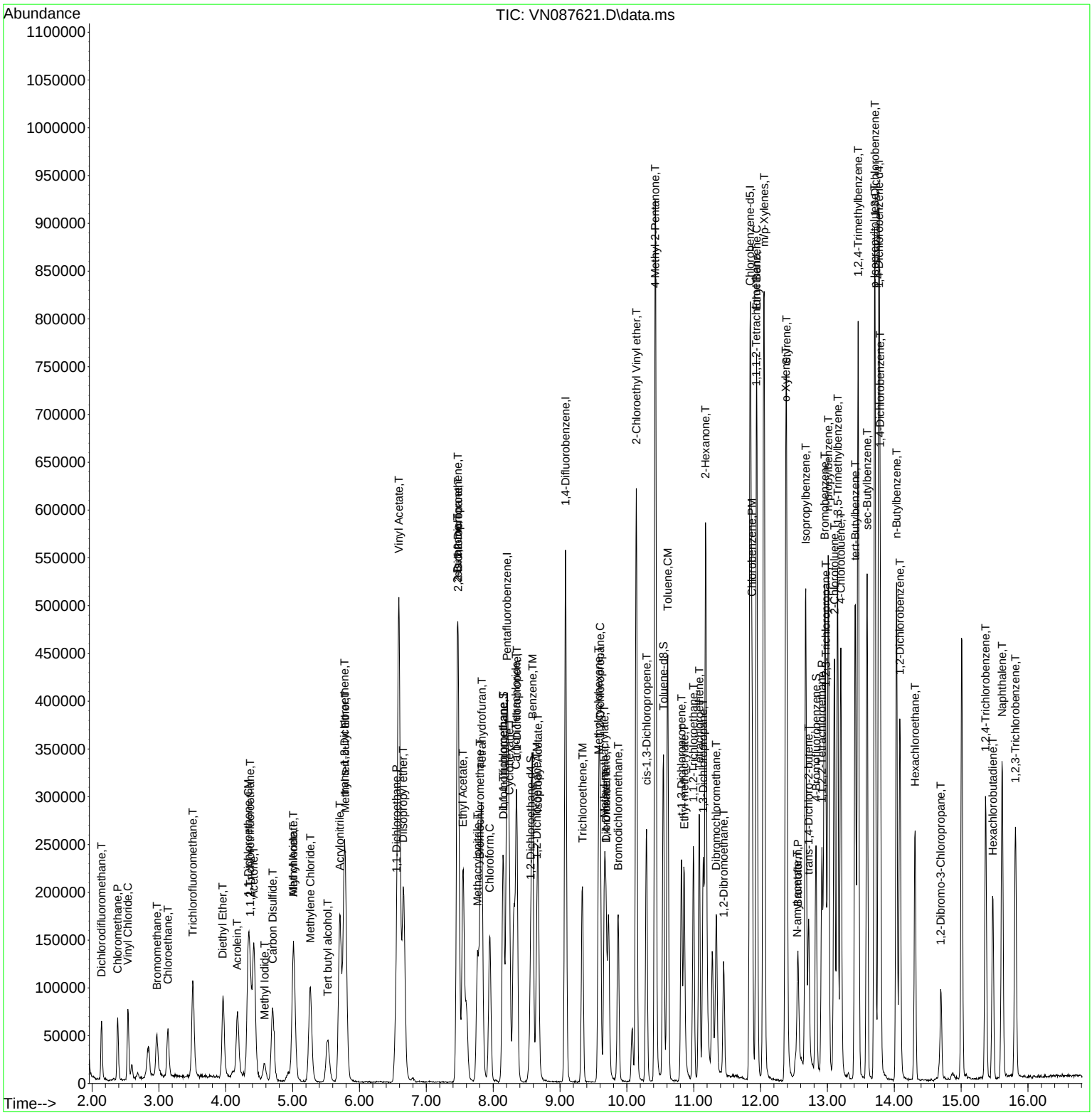
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

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

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

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

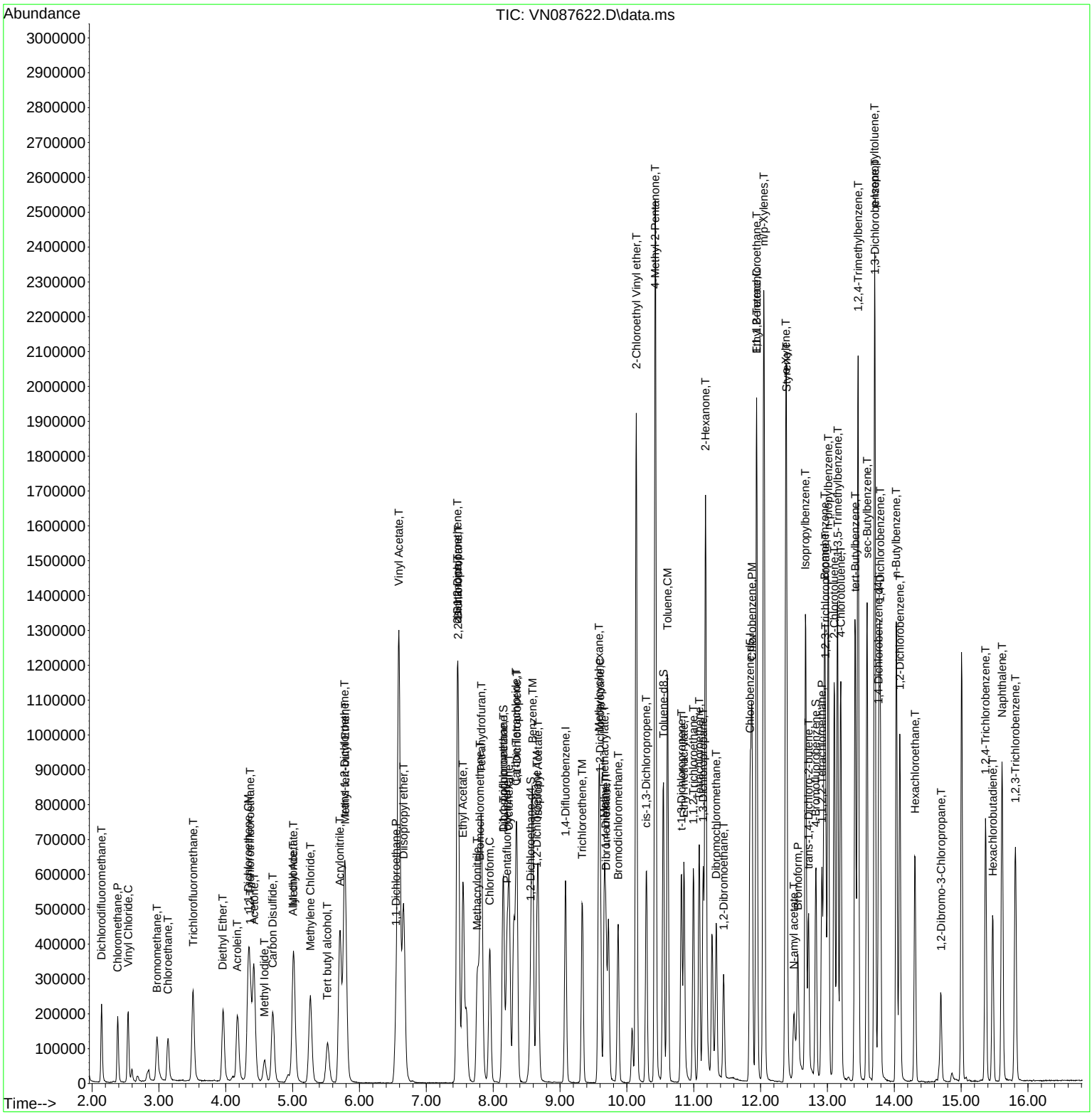
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

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

ICAL Form

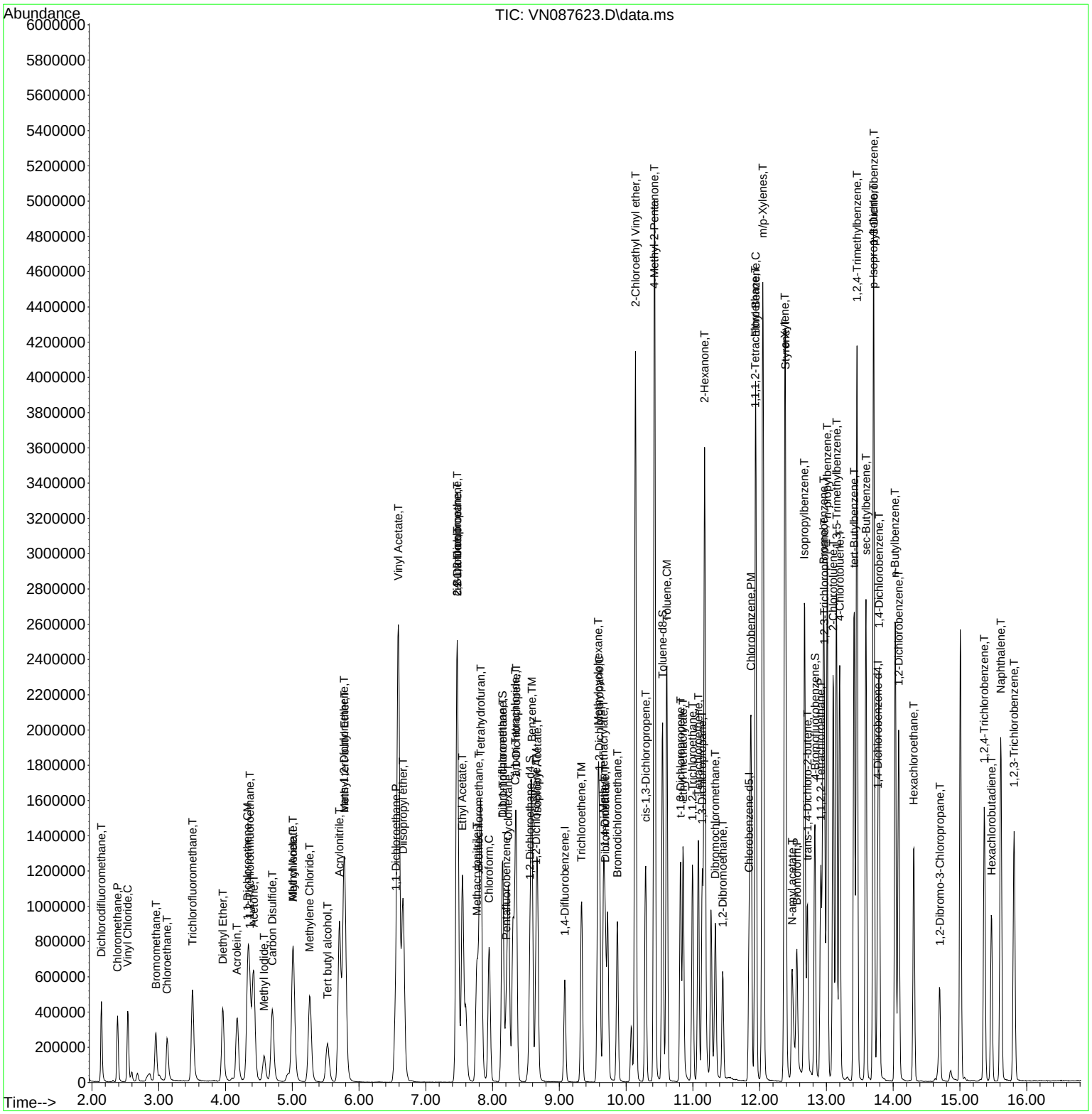
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

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

ICAL Form

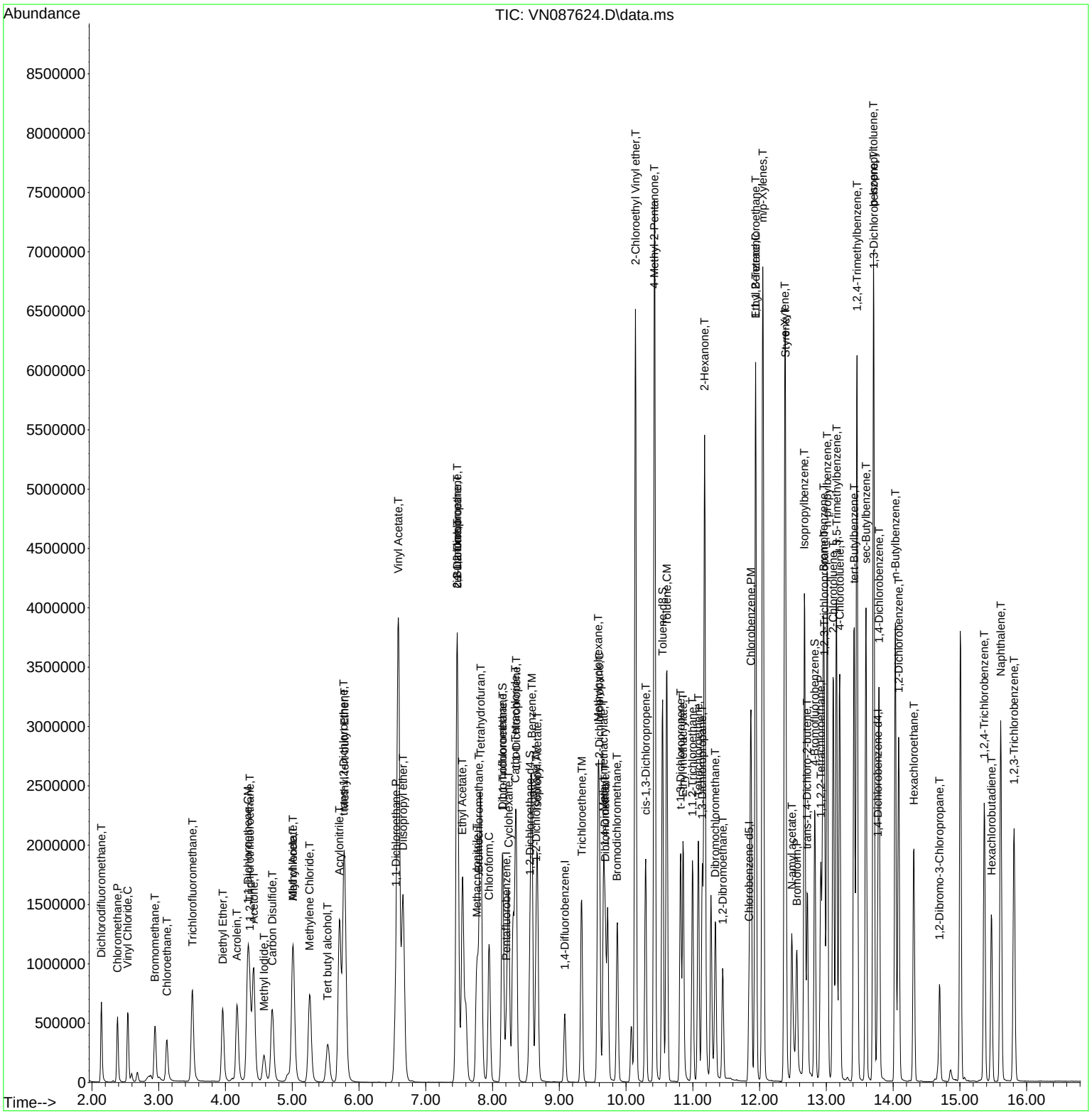
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

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

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

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

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

ICAL Form

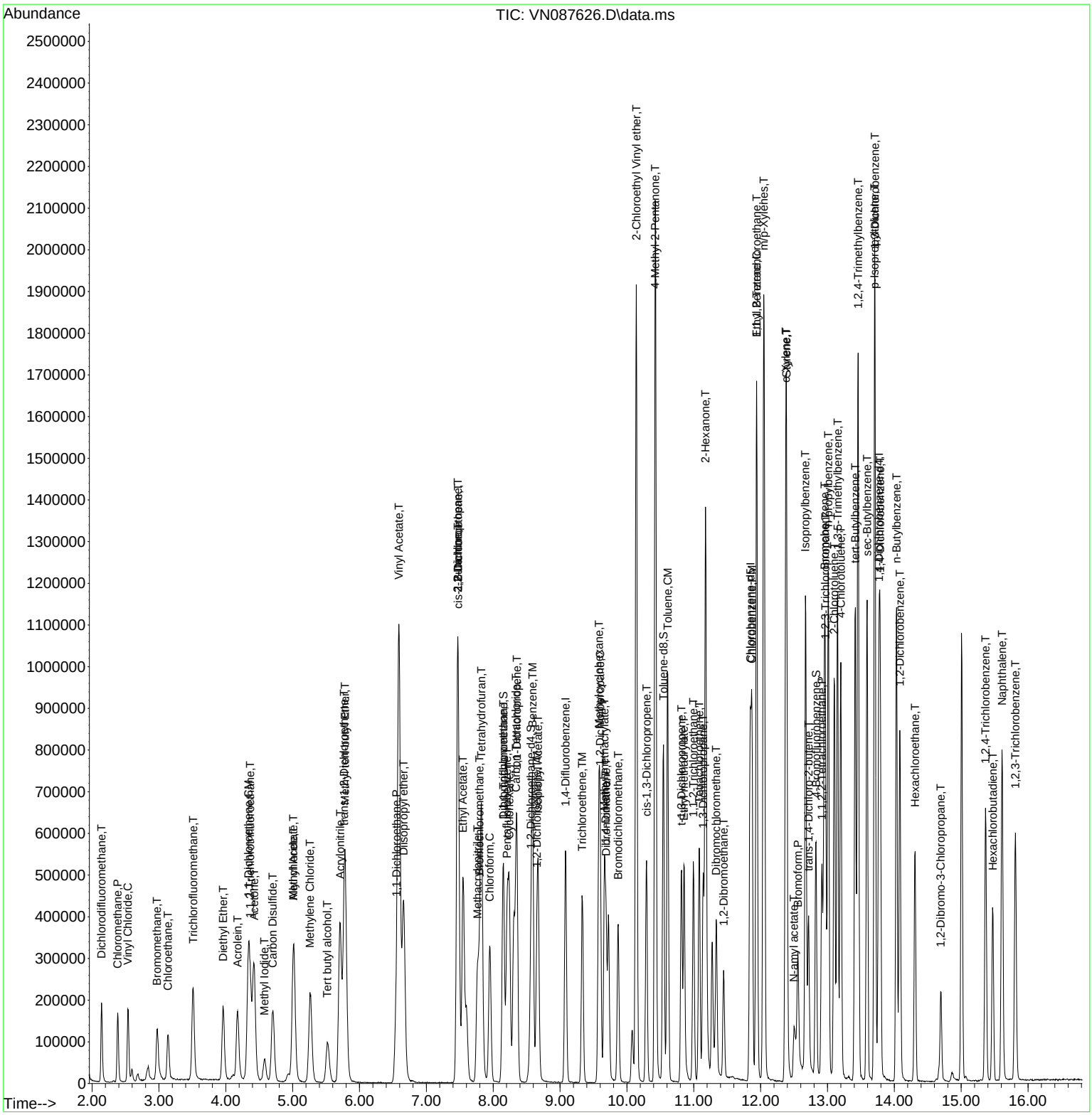
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.007	0.0	86	0.00
50	S	Toluene-d8	1.351	1.165	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.633	11.2	85	0.00
52	CM	Toluene	1.053	0.912	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.676	0.602	10.9	85	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.616	12.3	85	0.00
55	T	1,1,2-Trichloroethane	0.407	0.357	12.3	86	0.00
56	T	Ethyl methacrylate	0.651	0.613	5.8	86	0.00
57	T	1,3-Dichloropropane	0.721	0.622	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.365	-3.7	102	0.00
59	T	2-Hexanone	0.451	0.433	4.0	84	0.00
60	T	Dibromochloromethane	0.472	0.405	14.2	86	0.00
61	T	1,2-Dibromoethane	0.430	0.376	12.6	86	0.00
62	S	4-Bromofluorobenzene	0.481	0.428	11.0	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.347	0.276	20.5	86	0.00
65	PM	Chlorobenzene	1.244	1.055	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.366	11.4	85	0.00
67	C	Ethyl Benzene	2.154	1.884	12.5#	86	0.00
68	T	m/p-Xylenes	0.790	0.709	10.3	85	0.00
69	T	o-Xylene	0.774	0.678	12.4	83	0.00
70	T	Styrene	1.297	1.187	8.5	84	0.00
71	P	Bromoform	0.317	0.284	10.4	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.040	3.535	12.5	86	0.00
74	T	N-amyl acetate	1.531	1.368	10.6	86	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.228	11.7	88	0.00
76	T	1,2,3-Trichloropropane	1.173	1.143	2.6	104	0.00
77	T	Bromobenzene	0.953	0.825	13.4	86	0.00
78	T	n-propylbenzene	4.977	4.391	11.8	85	0.00
79	T	2-Chlorotoluene	2.995	2.598	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	3.428	2.996	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.397	10.4	86	0.00
82	T	4-Chlorotoluene	3.149	2.779	11.7	86	0.00
83	T	tert-Butylbenzene	2.856	2.539	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.091	9.9	86	0.00
85	T	sec-Butylbenzene	4.239	3.723	12.2	86	0.00
86	T	p-Isopropyltoluene	3.500	3.058	12.6	85	0.00
87	T	1,3-Dichlorobenzene	1.876	1.606	14.4	86	0.00
88	T	1,4-Dichlorobenzene	1.952	1.667	14.6	87	0.00
89	T	n-Butylbenzene	3.476	3.038	12.6	86	0.00
90	T	Hexachloroethane	0.667	0.557	16.5	83	0.00
91	T	1,2-Dichlorobenzene	1.780	1.528	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.281	14.8	86	0.00
93	T	1,2,4-Trichlorobenzene	1.069	0.916	14.3	87	0.00
94	T	Hexachlorobutadiene	0.381	0.314	17.6	86	0.00
95	T	Naphthalene	3.786	3.280	13.4	85	0.00

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	0.887	15.1	86	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	932.518	6.7	86	0.00
50	S	Toluene-d8	50.000	43.114	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.154	11.1	85	0.00
52	CM	Toluene	50.000	43.282	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	44.506	11.0	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.867	12.3	85	0.00
55	T	1,1,2-Trichloroethane	50.000	43.838	12.3	86	0.00
56	T	Ethyl methacrylate	50.000	47.109	5.8	86	0.00
57	T	1,3-Dichloropropane	50.000	43.169	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.751	-3.5	102	0.00
59	T	2-Hexanone	250.000	240.442	3.8	84	0.00
60	T	Dibromochloromethane	50.000	42.934	14.1	86	0.00
61	T	1,2-Dibromoethane	50.000	43.736	12.5	86	0.00
62	S	4-Bromofluorobenzene	50.000	44.578	10.8	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	39.730	20.5	86	0.00
65	PM	Chlorobenzene	50.000	42.389	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.313	11.4	85	0.00
67	C	Ethyl Benzene	50.000	43.729	12.5#	86	0.00
68	T	m/p-Xylenes	100.000	89.762	10.2	85	0.00
69	T	o-Xylene	50.000	43.771	12.5	83	0.00
70	T	Styrene	50.000	45.763	8.5	84	0.00
71	P	Bromoform	50.000	44.894	10.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	43.745	12.5	86	0.00
74	T	N-amyl acetate	50.000	44.668	10.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.155	11.7	88	0.00
76	T	1,2,3-Trichloropropane	50.000	48.723	2.6	104	0.00
77	T	Bromobenzene	50.000	43.307	13.4	86	0.00
78	T	n-propylbenzene	50.000	44.113	11.8	85	0.00
79	T	2-Chlorotoluene	50.000	43.374	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.710	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.790	10.4	86	0.00
82	T	4-Chlorotoluene	50.000	44.123	11.8	86	0.00
83	T	tert-Butylbenzene	50.000	44.450	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.041	9.9	86	0.00
85	T	sec-Butylbenzene	50.000	43.924	12.2	86	0.00
86	T	p-Isopropyltoluene	50.000	43.685	12.6	85	0.00
87	T	1,3-Dichlorobenzene	50.000	42.798	14.4	86	0.00
88	T	1,4-Dichlorobenzene	50.000	42.705	14.6	87	0.00
89	T	n-Butylbenzene	50.000	43.704	12.6	86	0.00
90	T	Hexachloroethane	50.000	41.752	16.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	42.924	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.504	15.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.852	14.3	87	0.00
94	T	Hexachlorobutadiene	50.000	41.269	17.5	86	0.00
95	T	Naphthalene	50.000	43.329	13.3	85	0.00

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

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

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.444	15.1	86	0.00

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

Raw Data: **VN087668.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2963
Instrument ID: MSVOA_N
Calibration Date/Time: 08/26/2025 13:38
Lab File ID: VN087668.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.773		8.87	20
Chloromethane	0.730	0.770	0.1	5.48	20
Vinyl Chloride	0.846	0.885		4.61	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.603		1.35	20
Trichlorofluoromethane	1.240	1.324		6.77	20
1,1,2-Trichlorotrifluoroethane	0.701	0.730		4.14	20
1,1-Dichloroethene	0.721	0.721		0	20
Acetone	0.558	0.487		-12.72	20
Carbon Disulfide	1.985	1.940		-2.27	20
Methyl tert-butyl Ether	2.704	2.762		2.14	20
Methyl Acetate	1.168	1.242		6.34	20
Methylene Chloride	0.948	0.837		-11.71	20
trans-1,2-Dichloroethene	0.781	0.744		-4.74	20
1,1-Dichloroethane	1.546	1.543	0.1	-0.19	20
Cyclohexane	1.289	1.257		-2.48	20
2-Butanone	0.734	0.728		-0.82	20
Carbon Tetrachloride	0.547	0.575		5.12	20
cis-1,2-Dichloroethene	0.934	0.930		-0.43	20
Bromochloromethane	0.747	0.701		-6.16	20
Chloroform	1.578	1.615		2.35	20
1,1,1-Trichloroethane	1.337	1.334		-0.22	20
Methylcyclohexane	0.610	0.598		-1.97	20
Benzene	1.699	1.737		2.24	20
1,2-Dichloroethane	0.653	0.669		2.45	20
Trichloroethene	0.388	0.379		-2.32	20
1,2-Dichloropropane	0.448	0.457		2.01	20
Bromodichloromethane	0.653	0.679		3.98	20
4-Methyl-2-Pentanone	0.713	0.766		7.43	20
Toluene	1.053	1.081		2.66	20
t-1,3-Dichloropropene	0.676	0.703		3.99	20
cis-1,3-Dichloropropene	0.702	0.710		1.14	20
1,1,2-Trichloroethane	0.407	0.424		4.18	20
2-Hexanone	0.451	0.522		15.74	20
Dibromochloromethane	0.472	0.482		2.12	20
1,2-Dibromoethane	0.430	0.448		4.19	20
Tetrachloroethene	0.347	0.325		-6.34	20
Chlorobenzene	1.244	1.214	0.3	-2.41	20

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

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Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q2963
Instrument ID:	MSVOA_N	Calibration Date/Time:	08/26/2025 13:38
Lab File ID:	VN087668.D	Init. Calib. Date(s):	08/21/2025 08/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.194		1.86	20
m/p-Xylenes	0.790	0.821		3.92	20
o-Xylene	0.774	0.792		2.33	20
Styrene	1.297	1.394		7.48	20
Bromoform	0.317	0.338	0.1	6.63	20
Isopropylbenzene	4.040	3.940		-2.47	20
1,1,2,2-Tetrachloroethane	1.391	1.411	0.3	1.44	20
1,3-Dichlorobenzene	1.876	1.835		-2.19	20
1,4-Dichlorobenzene	1.952	1.876		-3.89	20
1,2-Dichlorobenzene	1.780	1.770		-0.56	20
1,2-Dibromo-3-Chloropropane	0.330	0.320		-3.03	20
1,2,4-Trichlorobenzene	1.069	1.031		-3.56	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.933		-8.89	20
Dibromofluoromethane	0.361	0.335		-7.2	20
Toluene-d8	1.351	1.262		-6.59	20
4-Bromofluorobenzene	0.481	0.453		-5.82	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\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	202424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	396757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	378748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	193995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	188842	45.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.060%			
35) Dibromofluoromethane	8.147	113	133097	46.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.920%			
50) Toluene-d8	10.547	98	500580	46.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.380%			
62) 4-Bromofluorobenzene	12.823	95	179702	47.130	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	156493	54.433	ug/l	98
3) Chloromethane	2.383	50	155861	52.753	ug/l	95
4) Vinyl Chloride	2.536	62	179227	52.318	ug/l	99
5) Bromomethane	2.965	94	85741	48.507	ug/l	95
6) Chloroethane	3.136	64	122147	50.731	ug/l	95
7) Trichlorofluoromethane	3.506	101	268002	53.397	ug/l	94
8) Diethyl Ether	3.954	74	109245	49.979	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	147699	52.007	ug/l	97
10) Methyl Iodide	4.577	142	67314	34.206	ug/l	98
11) Tert butyl alcohol	5.524	59	186711	259.317	ug/l	98
12) 1,1-Dichloroethene	4.336	96	146035	50.039	ug/l	97
13) Acrolein	4.177	56	288101	325.480	ug/l	99
14) Allyl chloride	5.012	41	241209	45.609	ug/l	96
15) Acrylonitrile	5.706	53	513562	252.911	ug/l	99
16) Acetone	4.424	43	493012	218.366	ug/l	98
17) Carbon Disulfide	4.700	76	392769	48.886	ug/l	100
18) Methyl Acetate	5.018	43	251510	53.204	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	559156	51.073	ug/l	96
20) Methylene Chloride	5.259	84	169380	51.915	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	150688	47.641	ug/l	96
22) Diisopropyl ether	6.653	45	586973	51.430	ug/l	97
23) Vinyl Acetate	6.589	43	2720762	262.031	ug/l	100
24) 1,1-Dichloroethane	6.553	63	312297	49.907	ug/l	99
25) 2-Butanone	7.465	43	736530	247.962	ug/l	99
26) 2,2-Dichloropropane	7.471	77	241945	45.049	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	188277	49.792	ug/l	99
28) Bromochloromethane	7.794	49	141967	46.928	ug/l	98
29) Tetrahydrofuran	7.824	42	488962	255.790	ug/l	100
30) Chloroform	7.947	83	326935	51.187	ug/l	98
31) Cyclohexane	8.236	56	254359	48.759	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	269999	49.881	ug/l	98
36) 1,1-Dichloropropene	8.353	75	212554	48.367	ug/l	98
37) Ethyl Acetate	7.547	43	299305	49.841	ug/l	98
38) Carbon Tetrachloride	8.341	117	228035	52.556	ug/l	94
39) Methylcyclohexane	9.583	83	237266	49.040	ug/l	99
40) Benzene	8.588	78	689118	51.126	ug/l	97

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Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	157341	50.581	ug/l		98
42) 1,2-Dichloroethane	8.647	62	265435	51.245	ug/l		99
43) Isopropyl Acetate	8.671	43	496972	53.007	ug/l		100
44) Trichloroethene	9.330	130	150326	48.849	ug/l		100
45) 1,2-Dichloropropane	9.600	63	181385	51.053	ug/l		99
46) Dibromomethane	9.688	93	131432	51.984	ug/l		100
47) Bromodichloromethane	9.871	83	269269	51.966	ug/l		98
48) Methyl methacrylate	9.659	41	230418	51.958	ug/l		99
49) 1,4-Dioxane	9.683	88	65403	1137.838	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.424	43	1519980	268.704	ug/l		100
52) Toluene	10.606	92	428838	51.320	ug/l		99
53) t-1,3-Dichloropropene	10.812	75	279061	52.029	ug/l		95
54) cis-1,3-Dichloropropene	10.294	75	281804	50.601	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	168292	52.062	ug/l		96
56) Ethyl methacrylate	10.853	69	278477	53.906	ug/l		97
57) 1,3-Dichloropropane	11.141	76	299666	52.381	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	733548	262.345	ug/l		99
59) 2-Hexanone	11.177	43	1035067	289.527	ug/l		99
60) Dibromochloromethane	11.335	129	191301	51.074	ug/l		99
61) 1,2-Dibromoethane	11.447	107	177756	52.150	ug/l		100
64) Tetrachloroethene	11.082	164	123235	46.898	ug/l		96
65) Chlorobenzene	11.871	112	459918	48.810	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.935	131	159957	51.134	ug/l		98
67) Ethyl Benzene	11.941	91	830898	50.930	ug/l		99
68) m/p-Xylenes	12.047	106	622266	104.001	ug/l		99
69) o-Xylene	12.376	106	299935	51.152	ug/l		100
70) Styrene	12.388	104	528007	53.749	ug/l		98
71) Bromoform	12.559	173	127999	53.353	ug/l	#	97
73) Isopropylbenzene	12.676	105	764402	48.762	ug/l		99
74) N-amyl acetate	12.506	43	288146m	48.504	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	273809	50.733	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	218078m	47.937	ug/l		
77) Bromobenzene	12.959	156	181395	49.077	ug/l		98
78) n-propylbenzene	13.012	91	971091	50.292	ug/l		99
79) 2-Chlorotoluene	13.106	91	568887	48.958	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	663897	49.923	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	87271	50.786	ug/l		85
82) 4-Chlorotoluene	13.200	91	595862	48.773	ug/l		100
83) tert-Butylbenzene	13.418	119	552700	49.875	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	675868	50.770	ug/l		100
85) sec-Butylbenzene	13.594	105	822520	50.016	ug/l		100
86) p-Isopropyltoluene	13.706	119	673722	49.613	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	355974	48.906	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	363845	48.034	ug/l		99
89) n-Butylbenzene	14.035	91	659770	48.920	ug/l		100
90) Hexachloroethane	14.306	117	129507	50.058	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	343418	49.732	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62123	48.455	ug/l		98
93) 1,2,4-Trichlorobenzene	15.365	180	199944	48.218	ug/l		98
94) Hexachlorobutadiene	15.470	225	68365	46.245	ug/l		98
95) Naphthalene	15.612	128	727864	49.557	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	191065	47.133	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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

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

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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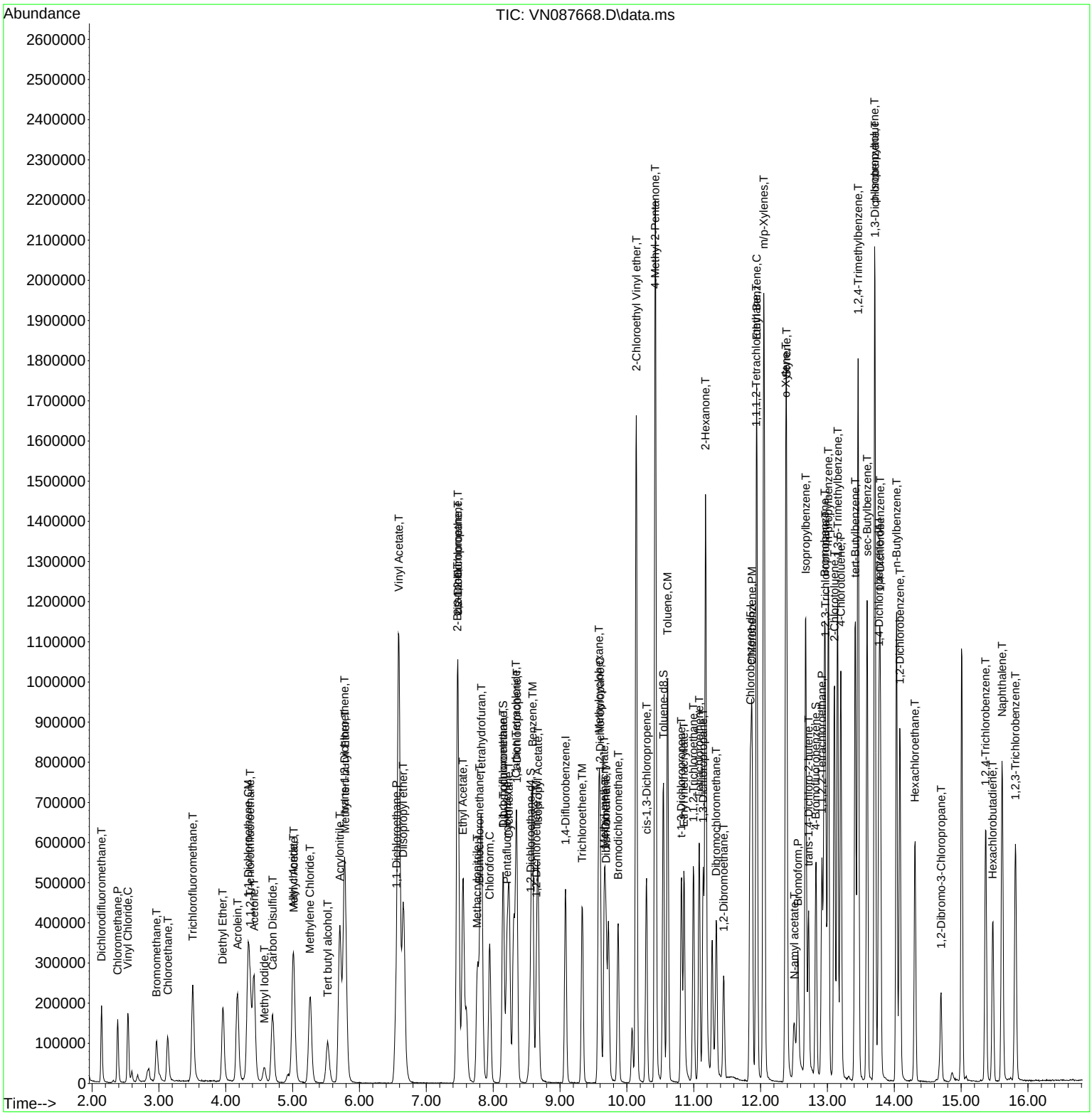

Sample Results: **VN087668.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	86	0.00
2	T	Dichlorodifluoromethane	0.710	0.773	-8.9	82	0.00
3	P	Chloromethane	0.730	0.770	-5.5	84	0.00
4	C	Vinyl Chloride	0.846	0.885	-4.6#	85	0.00
5	T	Bromomethane	0.437	0.424	3.0	82	0.00
6	T	Chloroethane	0.595	0.603	-1.3	86	0.00
7	T	Trichlorofluoromethane	1.240	1.324	-6.8	90	0.00
8	T	Diethyl Ether	0.540	0.540	0.0	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.701	0.730	-4.1	91	0.00
10	T	Methyl Iodide	0.450	0.333	26.0#	60	0.00
11	T	Tert butyl alcohol	0.178	0.184	-3.4	86	0.00
12	CM	1,1-Dichloroethene	0.721	0.721	0.0	89	0.00
13	T	Acrolein	0.219	0.285	-30.1#	114	0.00
14	T	Allyl chloride	1.306	1.192	8.7	83	0.00
15	T	Acrylonitrile	0.502	0.507	-1.0	88	0.00
16	T	Acetone	0.558	0.487	12.7	81	0.00
17	T	Carbon Disulfide	1.985	1.940	2.3	84	0.00
18	T	Methyl Acetate	1.168	1.242	-6.3	93	0.00
19	T	Methyl tert-butyl Ether	2.704	2.762	-2.1	87	0.00
20	T	Methylene Chloride	0.948	0.837	11.7	88	0.00
21	T	trans-1,2-Dichloroethene	0.781	0.744	4.7	86	0.00
22	T	Diisopropyl ether	2.819	2.900	-2.9	87	0.00
23	T	Vinyl Acetate	2.565	2.688	-4.8	86	0.00
24	P	1,1-Dichloroethane	1.546	1.543	0.2	89	0.00
25	T	2-Butanone	0.734	0.728	0.8	86	0.00
26	T	2,2-Dichloropropane	1.327	1.195	9.9	78	0.00
27	T	cis-1,2-Dichloroethene	0.934	0.930	0.4	85	0.00
28	T	Bromochloromethane	0.747	0.701	6.2	86	0.00
29	T	Tetrahydrofuran	0.472	0.483	-2.3	88	0.00
30	C	Chloroform	1.578	1.615	-2.3#	88	0.00
31	T	Cyclohexane	1.289	1.257	2.5	88	0.00
32	T	1,1,1-Trichloroethane	1.337	1.334	0.2	88	0.00
33	S	1,2-Dichloroethane-d4	1.024	0.933	8.9	84	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.361	0.335	7.2	85	0.00
36	T	1,1-Dichloropropene	0.554	0.536	3.2	86	0.00
37	T	Ethyl Acetate	0.757	0.754	0.4	86	0.00
38	T	Carbon Tetrachloride	0.547	0.575	-5.1	90	0.00
39	T	Methylcyclohexane	0.610	0.598	2.0	86	0.00
40	TM	Benzene	1.699	1.737	-2.2	87	0.00
41	T	Methacrylonitrile	0.392	0.397	-1.3	86	0.00
42	TM	1,2-Dichloroethane	0.653	0.669	-2.5	87	0.00
43	T	Isopropyl Acetate	1.182	1.253	-6.0	89	0.00
44	TM	Trichloroethene	0.388	0.379	2.3	85	0.00
45	C	1,2-Dichloropropane	0.448	0.457	-2.0#	89	0.00
46	T	Dibromomethane	0.319	0.331	-3.8	88	0.00
47	T	Bromodichloromethane	0.653	0.679	-4.0	90	0.00
48	T	Methyl methacrylate	0.559	0.581	-3.9	88	0.00

Sample Results: **VN087668.D**

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Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.008	-14.3	90	0.00
50	S	Toluene-d8	1.351	1.262	6.6	87	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.766	-7.4	88	0.00
52	CM	Toluene	1.053	1.081	-2.7#	87	0.00
53	T	t-1,3-Dichloropropene	0.676	0.703	-4.0	85	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.710	-1.1	84	0.00
55	T	1,1,2-Trichloroethane	0.407	0.424	-4.2	88	0.00
56	T	Ethyl methacrylate	0.651	0.702	-7.8	84	0.00
57	T	1,3-Dichloropropane	0.721	0.755	-4.7	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.370	-5.1	88	0.00
59	T	2-Hexanone	0.451	0.522	-15.7	87	0.00
60	T	Dibromochloromethane	0.472	0.482	-2.1	88	0.00
61	T	1,2-Dibromoethane	0.430	0.448	-4.2	88	0.00
62	S	4-Bromofluorobenzene	0.481	0.453	5.8	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.347	0.325	6.3	90	0.00
65	PM	Chlorobenzene	1.244	1.214	2.4	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.422	-2.2	87	0.00
67	C	Ethyl Benzene	2.154	2.194	-1.9#	88	0.00
68	T	m/p-Xylenes	0.790	0.821	-3.9	87	0.00
69	T	o-Xylene	0.774	0.792	-2.3	86	0.00
70	T	Styrene	1.297	1.394	-7.5	87	0.00
71	P	Bromoform	0.317	0.338	-6.6	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	4.040	3.940	2.5	86	0.00
74	T	N-amyl acetate	1.531	1.485	3.0	84	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.411	-1.4	91	0.00
76	T	1,2,3-Trichloropropane	1.173	1.124	4.2	92	0.00
77	T	Bromobenzene	0.953	0.935	1.9	87	0.00
78	T	n-propylbenzene	4.977	5.006	-0.6	88	0.00
79	T	2-Chlorotoluene	2.995	2.932	2.1	87	0.00
80	T	1,3,5-Trimethylbenzene	3.428	3.422	0.2	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.450	-1.6	88	0.00
82	T	4-Chlorotoluene	3.149	3.072	2.4	86	0.00
83	T	tert-Butylbenzene	2.856	2.849	0.2	86	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.484	-1.5	88	0.00
85	T	sec-Butylbenzene	4.239	4.240	-0.0	88	0.00
86	T	p-Isopropyltoluene	3.500	3.473	0.8	86	0.00
87	T	1,3-Dichlorobenzene	1.876	1.835	2.2	88	0.00
88	T	1,4-Dichlorobenzene	1.952	1.876	3.9	88	0.00
89	T	n-Butylbenzene	3.476	3.401	2.2	86	0.00
90	T	Hexachloroethane	0.667	0.668	-0.1	90	0.00
91	T	1,2-Dichlorobenzene	1.780	1.770	0.6	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.320	3.0	89	0.00
93	T	1,2,4-Trichlorobenzene	1.069	1.031	3.6	88	0.00
94	T	Hexachlorobutadiene	0.381	0.352	7.6	87	0.00
95	T	Naphthalene	3.786	3.752	0.9	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	0.985	5.7	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Sample Results: **VN087668.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	86	0.00
2	T	Dichlorodifluoromethane	50.000	54.433	-8.9	82	0.00
3	P	Chloromethane	50.000	52.753	-5.5	84	0.00
4	C	Vinyl Chloride	50.000	52.318	-4.6#	85	0.00
5	T	Bromomethane	50.000	48.507	3.0	82	0.00
6	T	Chloroethane	50.000	50.731	-1.5	86	0.00
7	T	Trichlorofluoromethane	50.000	53.397	-6.8	90	0.00
8	T	Diethyl Ether	50.000	49.979	0.0	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.007	-4.0	91	0.00
10	T	Methyl Iodide	50.000	34.206	31.6#	60	0.00
11	T	Tert butyl alcohol	250.000	259.317	-3.7	86	0.00
12	CM	1,1-Dichloroethene	50.000	50.039	-0.1#	89	0.00
13	T	Acrolein	250.000	325.480	-30.2#	114	0.00
14	T	Allyl chloride	50.000	45.609	8.8	83	0.00
15	T	Acrylonitrile	250.000	252.911	-1.2	88	0.00
16	T	Acetone	250.000	218.366	12.7	81	0.00
17	T	Carbon Disulfide	50.000	48.886	2.2	84	0.00
18	T	Methyl Acetate	50.000	53.204	-6.4	93	0.00
19	T	Methyl tert-butyl Ether	50.000	51.073	-2.1	87	0.00
20	T	Methylene Chloride	50.000	51.915	-3.8	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.641	4.7	86	0.00
22	T	Diisopropyl ether	50.000	51.430	-2.9	87	0.00
23	T	Vinyl Acetate	250.000	262.031	-4.8	86	0.00
24	P	1,1-Dichloroethane	50.000	49.907	0.2	89	0.00
25	T	2-Butanone	250.000	247.962	0.8	86	0.00
26	T	2,2-Dichloropropane	50.000	45.049	9.9	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.792	0.4	85	0.00
28	T	Bromochloromethane	50.000	46.928	6.1	86	0.00
29	T	Tetrahydrofuran	250.000	255.790	-2.3	88	0.00
30	C	Chloroform	50.000	51.187	-2.4#	88	0.00
31	T	Cyclohexane	50.000	48.759	2.5	88	0.00
32	T	1,1,1-Trichloroethane	50.000	49.881	0.2	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.532	8.9	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	46.463	7.1	85	0.00
36	T	1,1-Dichloropropene	50.000	48.367	3.3	86	0.00
37	T	Ethyl Acetate	50.000	49.841	0.3	86	0.00
38	T	Carbon Tetrachloride	50.000	52.556	-5.1	90	0.00
39	T	Methylcyclohexane	50.000	49.040	1.9	86	0.00
40	TM	Benzene	50.000	51.126	-2.3	87	0.00
41	T	Methacrylonitrile	50.000	50.581	-1.2	86	0.00
42	TM	1,2-Dichloroethane	50.000	51.245	-2.5	87	0.00
43	T	Isopropyl Acetate	50.000	53.007	-6.0	89	0.00
44	TM	Trichloroethene	50.000	48.849	2.3	85	0.00
45	C	1,2-Dichloropropane	50.000	51.053	-2.1#	89	0.00
46	T	Dibromomethane	50.000	51.984	-4.0	88	0.00
47	T	Bromodichloromethane	50.000	51.966	-3.9	90	0.00
48	T	Methyl methacrylate	50.000	51.958	-3.9	88	0.00

Sample Results: **VN087668.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1137.838	-13.8	90	0.00
50	S	Toluene-d8	50.000	46.689	6.6	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.704	-7.5	88	0.00
52	CM	Toluene	50.000	51.320	-2.6#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	52.029	-4.1	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.601	-1.2	84	0.00
55	T	1,1,2-Trichloroethane	50.000	52.062	-4.1	88	0.00
56	T	Ethyl methacrylate	50.000	53.906	-7.8	84	0.00
57	T	1,3-Dichloropropane	50.000	52.381	-4.8	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.345	-4.9	88	0.00
59	T	2-Hexanone	250.000	289.527	-15.8	87	0.00
60	T	Dibromochloromethane	50.000	51.074	-2.1	88	0.00
61	T	1,2-Dibromoethane	50.000	52.150	-4.3	88	0.00
62	S	4-Bromofluorobenzene	50.000	47.130	5.7	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	46.898	6.2	90	0.00
65	PM	Chlorobenzene	50.000	48.810	2.4	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.134	-2.3	87	0.00
67	C	Ethyl Benzene	50.000	50.930	-1.9#	88	0.00
68	T	m/p-Xylenes	100.000	104.001	-4.0	87	0.00
69	T	o-Xylene	50.000	51.152	-2.3	86	0.00
70	T	Styrene	50.000	53.749	-7.5	87	0.00
71	P	Bromoform	50.000	53.353	-6.7	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	48.762	2.5	86	0.00
74	T	N-amyl acetate	50.000	48.504	3.0	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.733	-1.5	91	0.00
76	T	1,2,3-Trichloropropane	50.000	47.937	4.1	92	0.00
77	T	Bromobenzene	50.000	49.077	1.8	87	0.00
78	T	n-propylbenzene	50.000	50.292	-0.6	88	0.00
79	T	2-Chlorotoluene	50.000	48.958	2.1	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.923	0.2	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.786	-1.6	88	0.00
82	T	4-Chlorotoluene	50.000	48.773	2.5	86	0.00
83	T	tert-Butylbenzene	50.000	49.875	0.3	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.770	-1.5	88	0.00
85	T	sec-Butylbenzene	50.000	50.016	-0.0	88	0.00
86	T	p-Isopropyltoluene	50.000	49.613	0.8	86	0.00
87	T	1,3-Dichlorobenzene	50.000	48.906	2.2	88	0.00
88	T	1,4-Dichlorobenzene	50.000	48.034	3.9	88	0.00
89	T	n-Butylbenzene	50.000	48.920	2.2	86	0.00
90	T	Hexachloroethane	50.000	50.058	-0.1	90	0.00
91	T	1,2-Dichlorobenzene	50.000	49.732	0.5	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.455	3.1	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.218	3.6	88	0.00
94	T	Hexachlorobutadiene	50.000	46.245	7.5	87	0.00
95	T	Naphthalene	50.000	49.557	0.9	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087668.D
Acq On : 26 Aug 2025 13:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 27 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.133	5.7	86	0.00

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

QC SAMPLE DATA

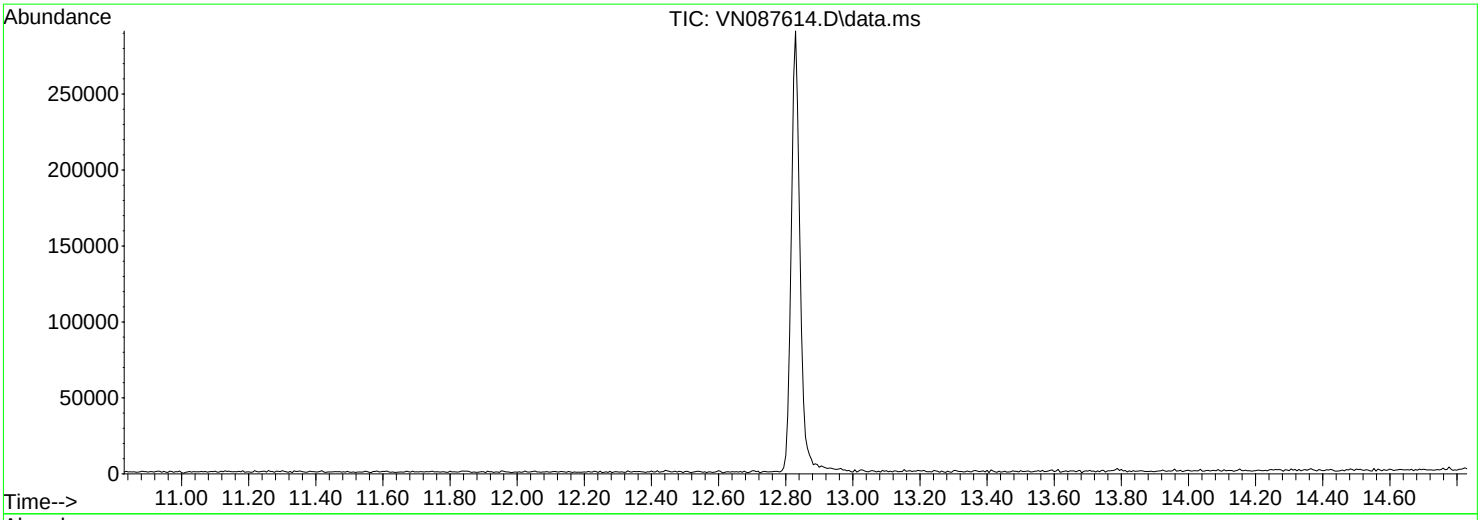
Sample Results: **VN087614.D**

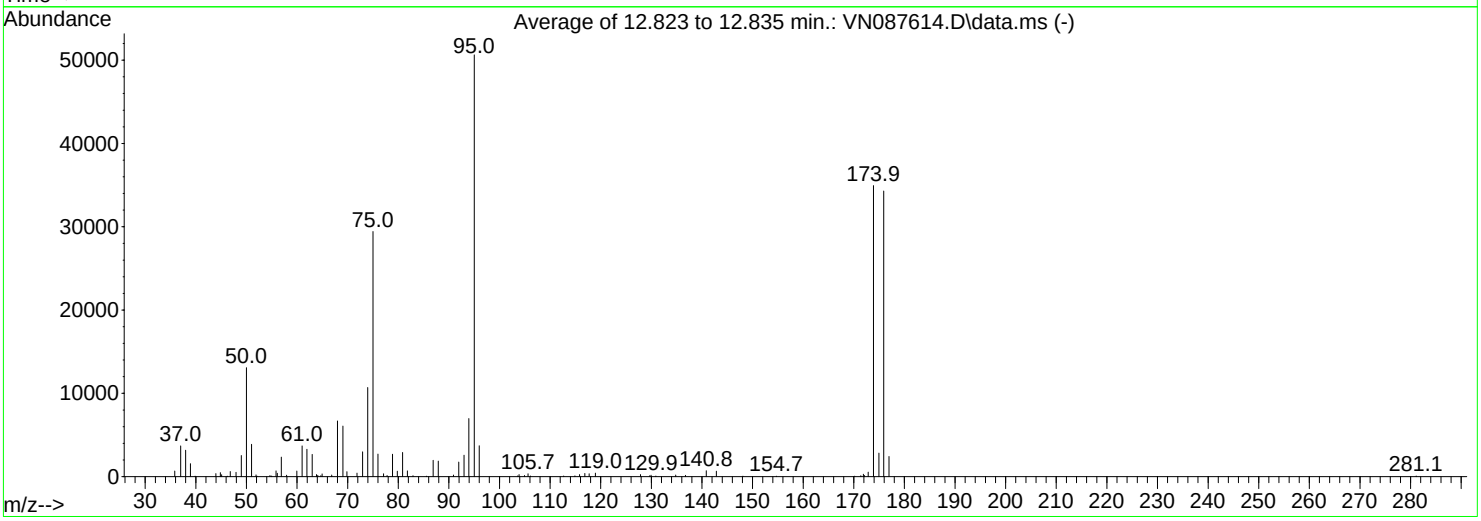
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087614.D
Acq On : 21 Aug 2025 09:30
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.8	13089	PASS
75	95	30	60	58.1	29435	PASS
95	95	100	100	100.0	50640	PASS
96	95	5	9	7.3	3712	PASS
173	174	0.00	2	1.6	548	PASS
174	95	50	100	69.0	34952	PASS
175	174	5	9	8.1	2829	PASS
176	174	95	101	98.1	34291	PASS
177	176	5	9	7.1	2426	PASS

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

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

Instrument :
MSVOA_N
ClientSampleId :
BFB

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

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

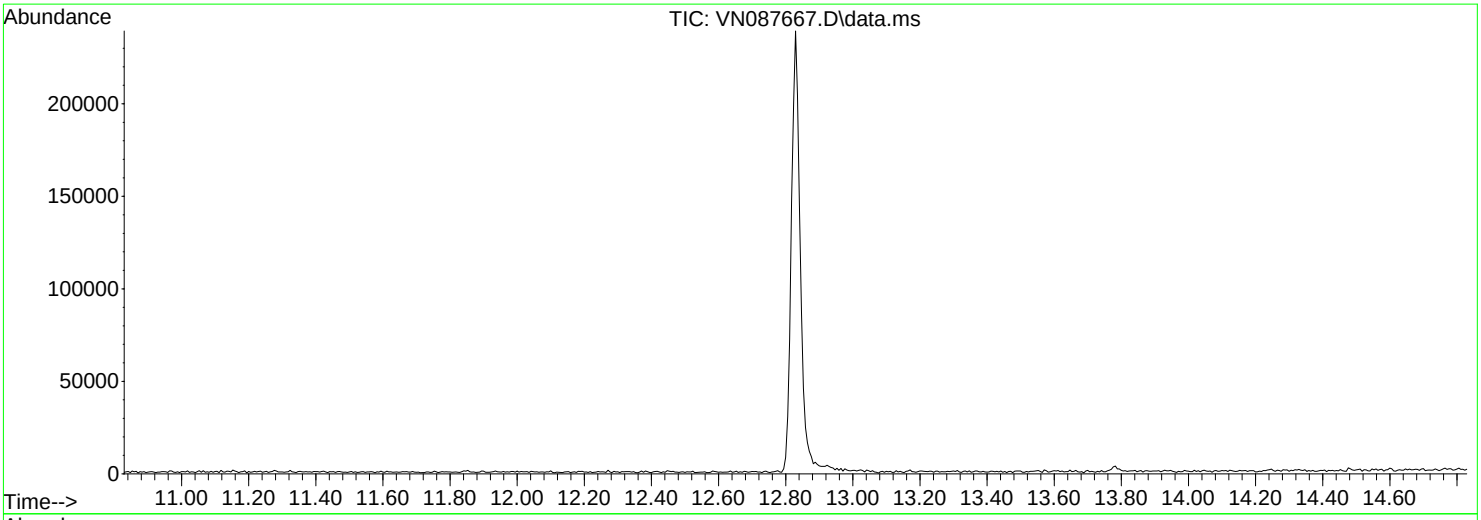
Sample Results: **VN087667.D**

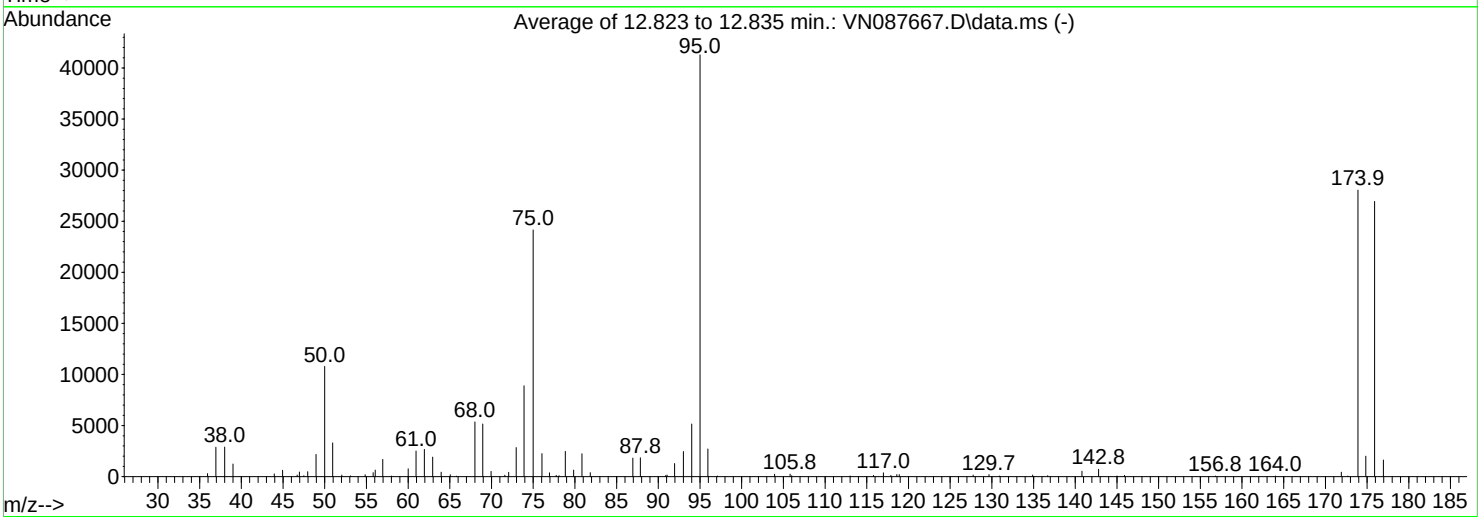
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087667.D
Acq On : 26 Aug 2025 12:36
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	10787	PASS
75	95	30	60	58.5	24157	PASS
95	95	100	100	100.0	41285	PASS
96	95	5	9	6.6	2707	PASS
173	174	0.00	2	0.2	65	PASS
174	95	50	100	67.9	28043	PASS
175	174	5	9	7.2	2010	PASS
176	174	95	101	96.0	26933	PASS
177	176	5	9	6.0	1625	PASS

Average of 12.823 to 12.835 min.: VN087667.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	296	50.00	10787	61.95	2660	73.90	889
36.95	2879	50.95	3313	62.95	1912	75.00	2415
38.00	2894	52.05	162	63.95	432	76.05	224
39.00	1234	53.10	74	65.05	192	76.95	37
43.95	270	54.85	183	65.80	54	77.75	118
44.95	627	55.80	388	68.00	5351	78.10	100
46.70	158	56.05	636	68.95	5157	78.85	2481
46.95	460	56.95	1695	69.95	522	79.85	636
47.50	88	58.00	65	71.60	142	80.85	2241
47.95	489	60.00	767	72.05	426	81.85	398
48.95	2172	60.95	2511	72.95	2853	86.95	1810

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087667.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.85	1851	106.00	94	136.70	90	175.90	26933
90.90	128	113.00	57	140.80	526	176.95	1625
91.05	164	115.80	118	142.80	715		
91.95	1289	117.00	383	145.00	70		
93.00	2456	117.90	133	145.90	125		
94.00	5156	118.60	203	156.80	64		
95.00	41285	118.90	211	164.00	60		
95.95	2707	127.75	157	171.90	441		
97.10	69	129.65	207	172.70	65		
103.95	235	130.90	61	173.90	28043		
105.80	255	134.90	163	174.85	2010		

Raw Data: **VN087670.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:	Lexington	Date Received:	
Client Sample ID:	VN0826WBL01	SDG No.:	Q2963
Lab Sample ID:	VN0826WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087670.D	1	08/26/25 15:08	VN082625

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

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VN0826WBL01		SDG No.:	Q2963	
Lab Sample ID:	VN0826WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087670.D	1	08/26/25 15:08	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	165000	8.206			
540-36-3	1,4-Difluorobenzene	381000	9.083			
3114-55-4	Chlorobenzene-d5	357000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.771			

Raw Data: **VN087670.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:	Lexington			Date Received:	
Client Sample ID:	VN0826WBL01			SDG No.:	Q2963
Lab Sample ID:	VN0826WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087670.D	1	08/26/25 15:08	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Quant Time: Aug 27 01:48:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

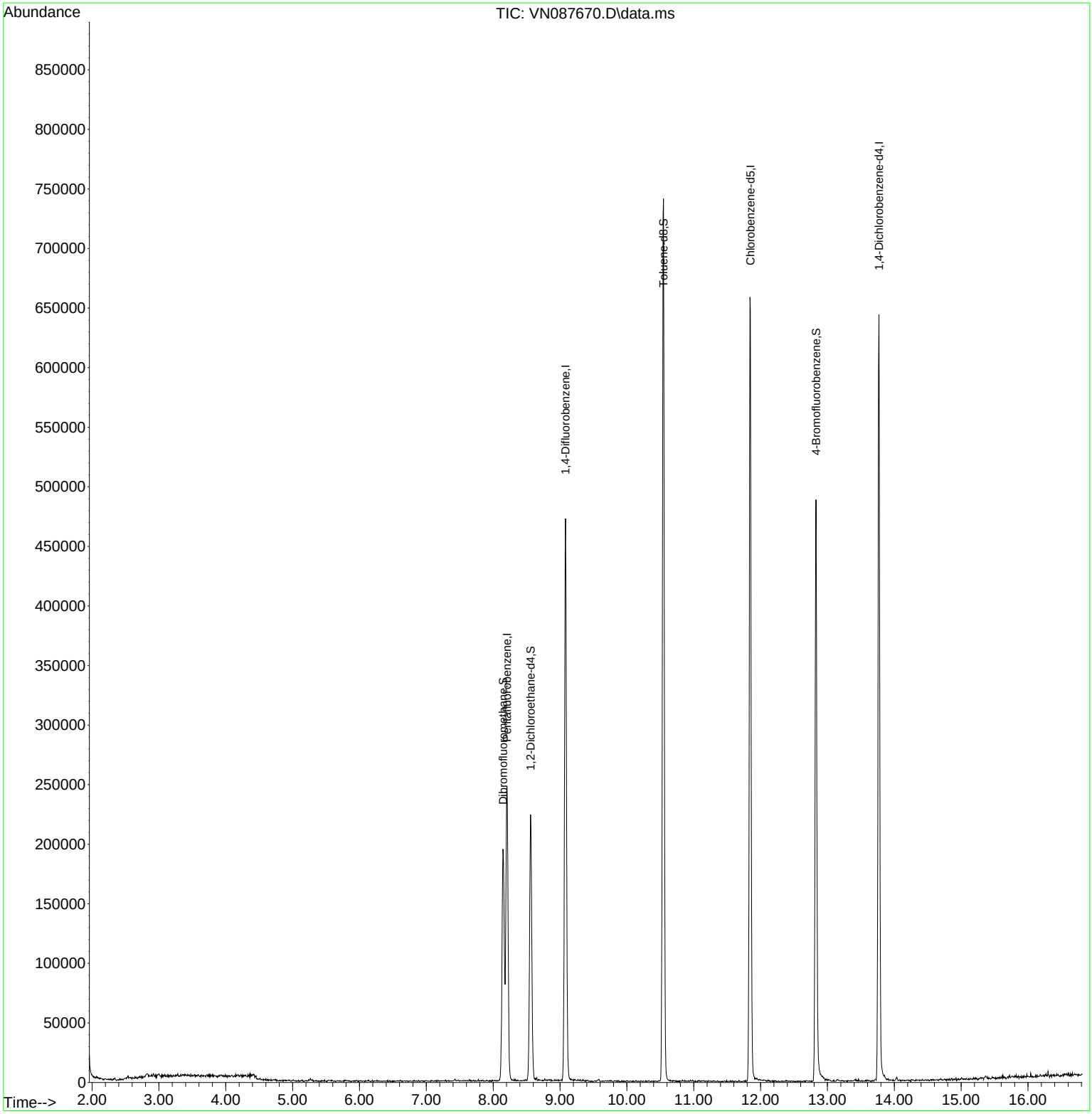
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	165274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	380815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	356736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	161997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184960	54.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.240%			
35) Dibromofluoromethane	8.147	113	139352	50.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	10.547	98	497036	48.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.600%			
62) 4-Bromofluorobenzene	12.829	95	170061	46.468	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.940%			
Target Compounds						Qvalue

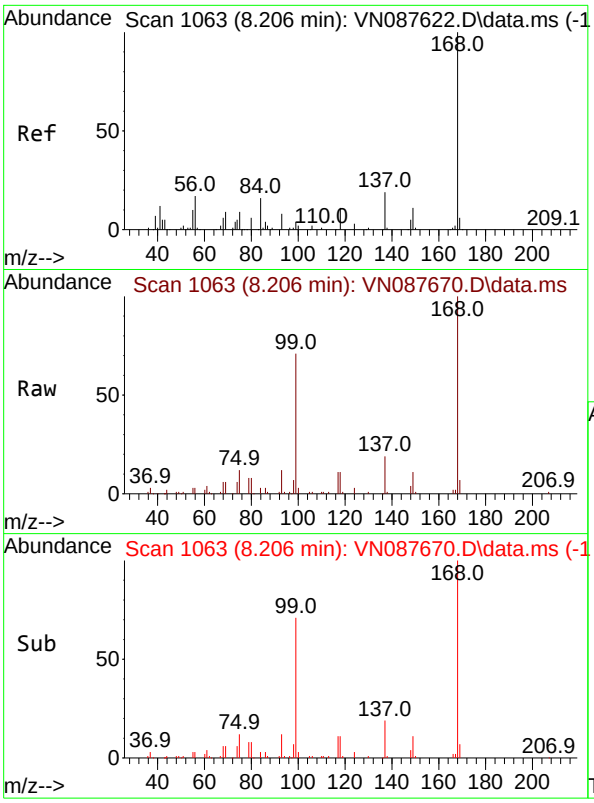
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Quant Time: Aug 27 01:48:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



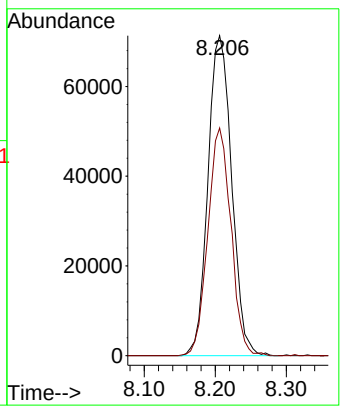


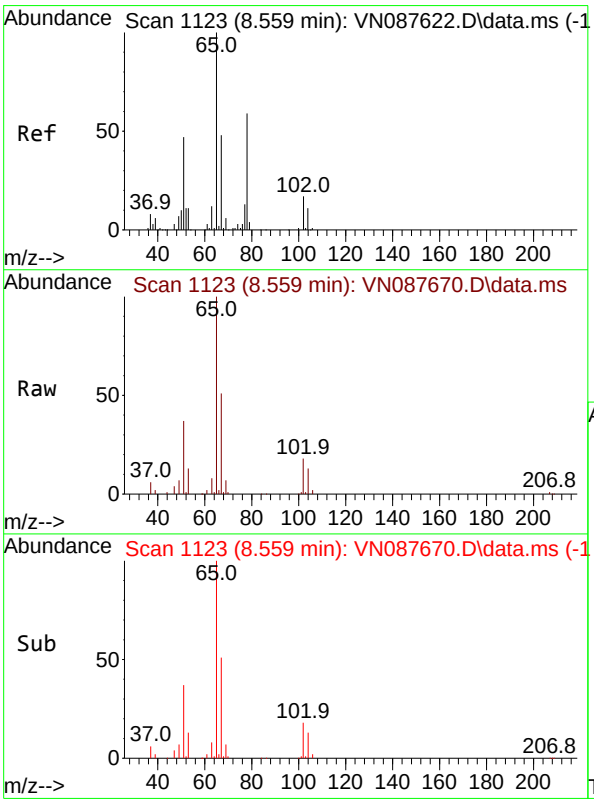
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:168 Resp: 165274

Ion	Ratio	Lower	Upper
168	100		
99	71.2	57.2	85.8

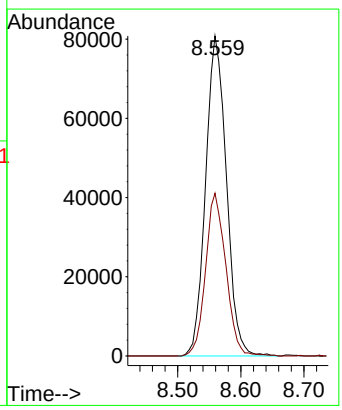


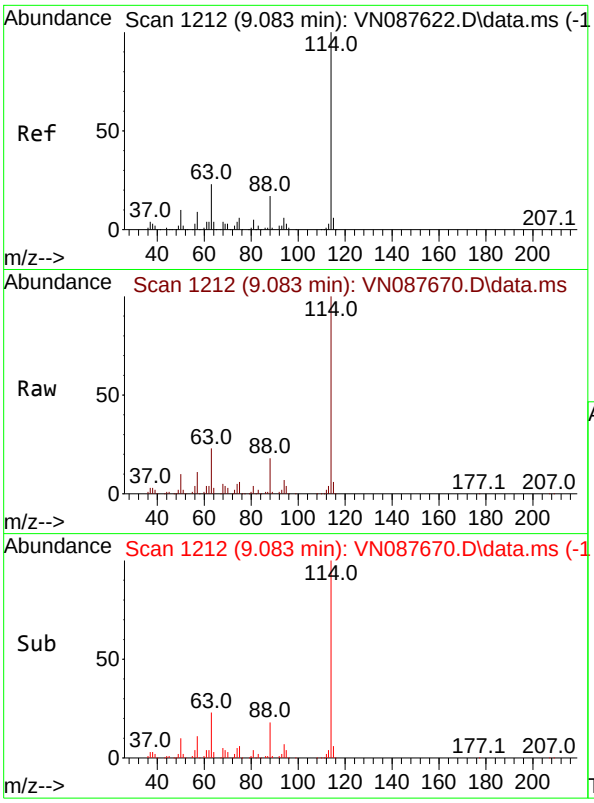


#33
1,2-Dichloroethane-d4
Concen: 54.621 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion: 65 Resp: 184960

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.0



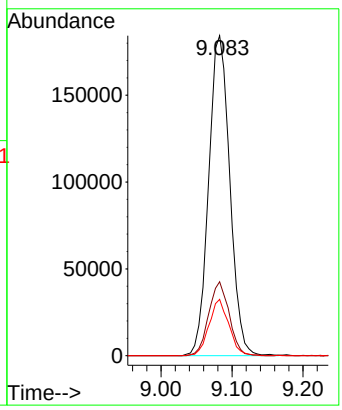


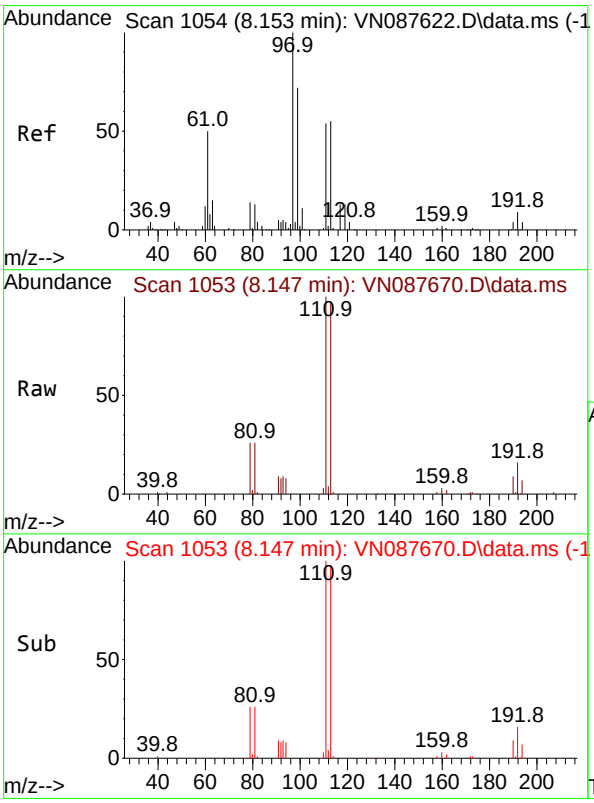
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:114 Resp: 380815

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.6	0.0	33.4

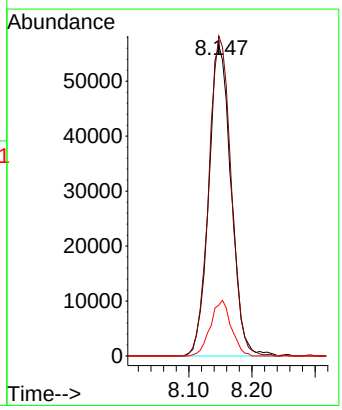


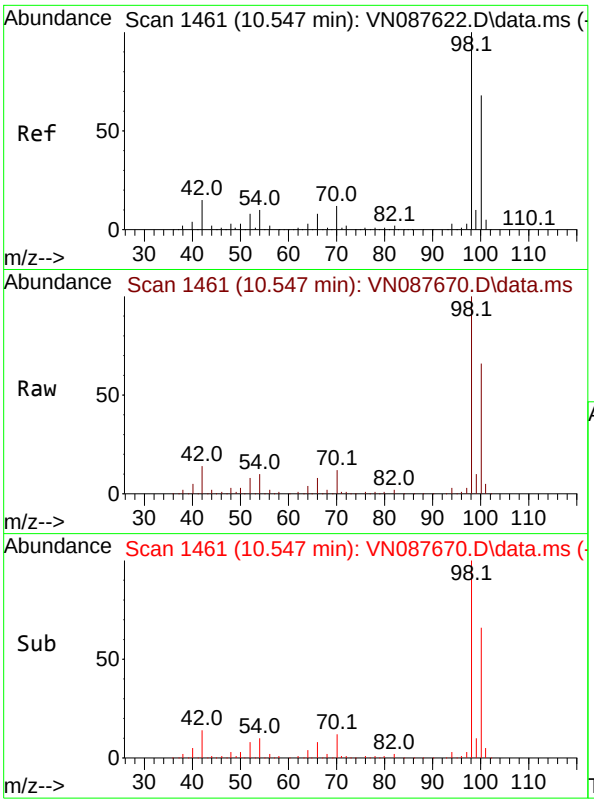


#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion:113 Resp: 139352

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	16.6	12.8	19.2



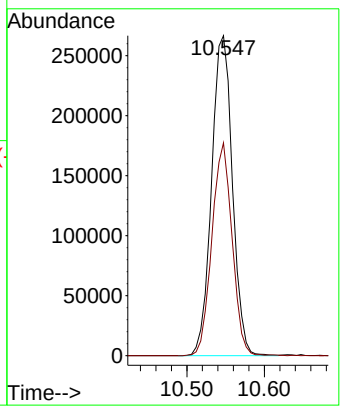


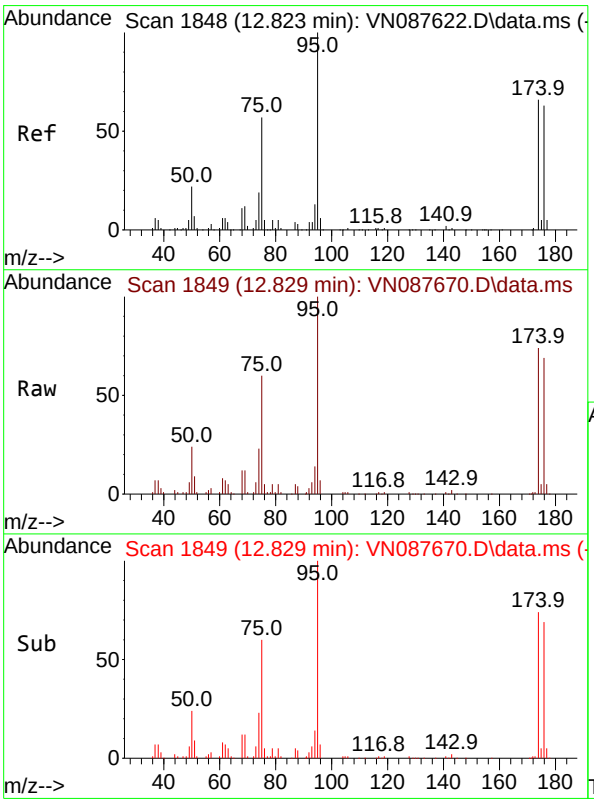
#50
Toluene-d8
Concen: 48.299 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion: 98 Resp: 497036

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2

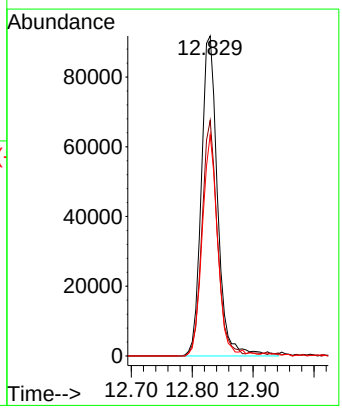


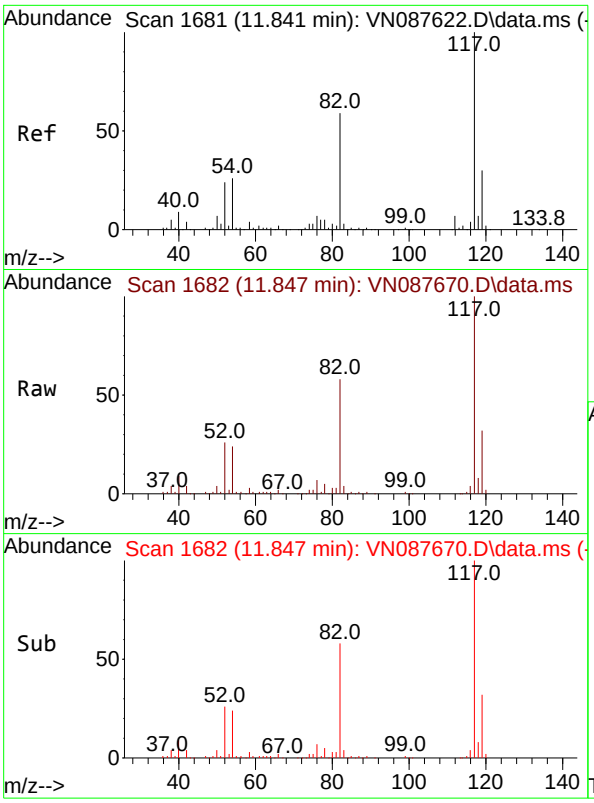


#62
4-Bromofluorobenzene
Concen: 46.468 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion: 95 Resp: 170061

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	138.4
176	64.8	0.0	132.6



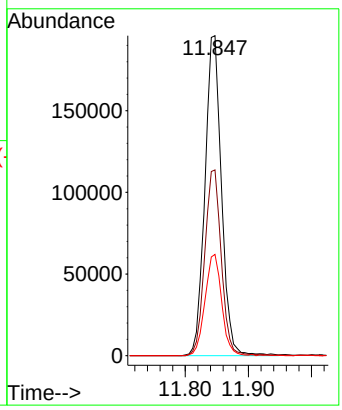


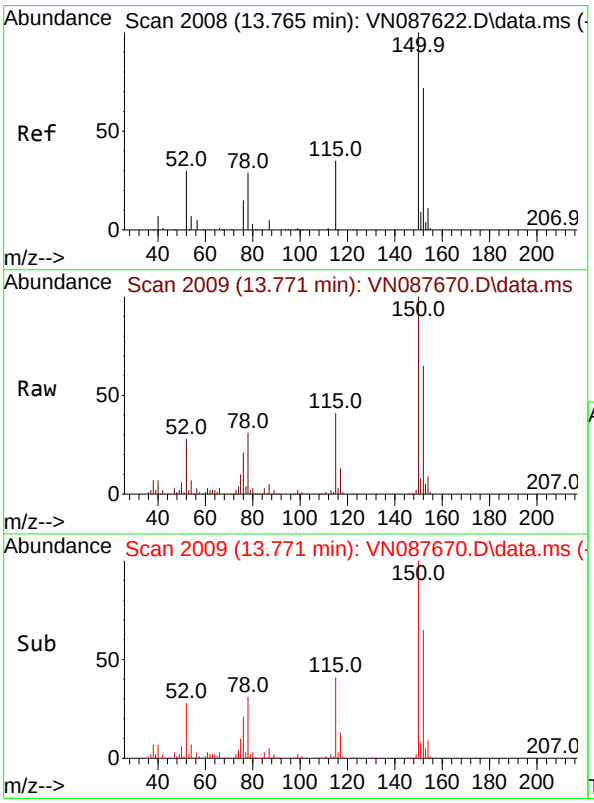
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:117 Resp: 356736

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	31.6	24.3	36.5

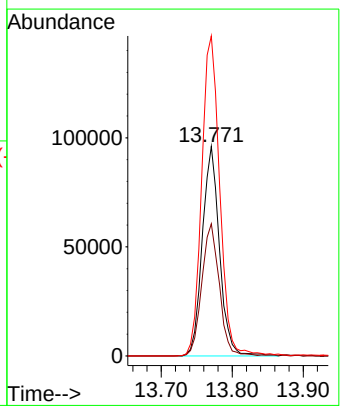




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087670.D
Acq: 26 Aug 2025 15:08

Tgt Ion:152 Resp: 161997

Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.3	96.8
150	160.7	0.0	351.0



Sample Results: **VN087670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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

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

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

Signal : TIC: VN087670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV2	194100	472341	34.07%	6.640%
2	8.206	1058	1063	1075	rVB2	247010	561691	40.52%	7.896%
3	8.559	1114	1123	1133	rBV	223249	507485	36.61%	7.134%
4	9.083	1203	1212	1225	rBV	471894	975426	70.36%	13.711%
5	10.547	1452	1461	1474	rBV	740441	1386290	100.00%	19.487%
6	11.841	1672	1681	1693	rBV	658618	1203571	86.82%	16.918%
7	12.829	1841	1849	1864	rBV	487982	881622	63.60%	12.393%
8	13.771	2002	2009	2022	rBV	642408	1125591	81.19%	15.822%

Sum of corrected areas: 7114017

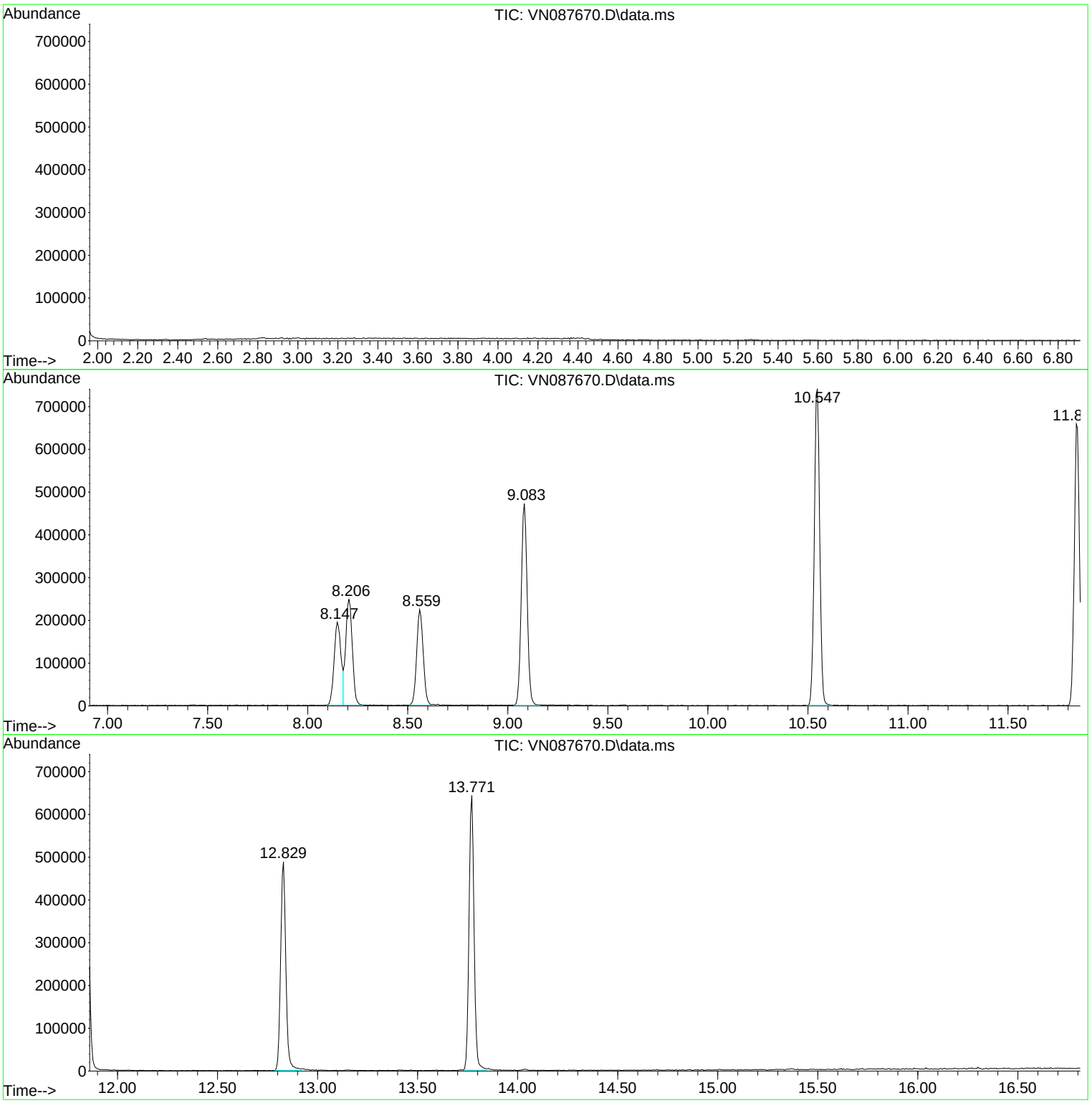
Sample Results: **VN087670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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

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



Library Search Compound Report

Sample Results: **VN087670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087670.D
Acq On : 26 Aug 2025 15:08
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

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

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

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

Raw Data: **VN087671.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:	Lexington	Date Received:	
Client Sample ID:	VN0826WBS01	SDG No.:	Q2963
Lab Sample ID:	VN0826WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.9		0.22	1.00	ug/L
74-87-3	Chloromethane	21.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.1		0.26	1.00	ug/L
74-83-9	Bromomethane	21.6		1.40	5.00	ug/L
75-00-3	Chloroethane	20.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.6		0.23	1.00	ug/L
67-64-1	Acetone	99.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.16	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.7		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VN0826WBS01	SDG No.:	Q2963
Lab Sample ID:	VN0826WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	20.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	46.3		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	8.206			
540-36-3	1,4-Difluorobenzene	395000	9.083			
3114-55-4	Chlorobenzene-d5	367000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.771			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VN0826WBS01			SDG No.:	Q2963
Lab Sample ID:	VN0826WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087671.D	1	08/26/25 15:29	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	198008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	367348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	187839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	194545	47.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.900%			
35) Dibromofluoromethane	8.153	113	132713	46.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.020%			
50) Toluene-d8	10.547	98	494001	46.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.500%			
62) 4-Bromofluorobenzene	12.829	95	179531	47.266	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	64302	22.865	ug/l	95
3) Chloromethane	2.383	50	60661	20.989	ug/l	95
4) Vinyl Chloride	2.536	62	70831	21.137	ug/l	99
5) Bromomethane	2.983	94	37311	21.579	ug/l	94
6) Chloroethane	3.142	64	49018	20.813	ug/l	97
7) Trichlorofluoromethane	3.512	101	100429	20.456	ug/l	98
8) Diethyl Ether	3.959	74	43133	20.173	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	54481	19.612	ug/l	97
10) Methyl Iodide	4.589	142	27208	18.131	ug/l #	94
11) Tert butyl alcohol	5.518	59	69286	98.375	ug/l	99
12) 1,1-Dichloroethene	4.342	96	58926	20.641	ug/l	95
13) Acrolein	4.177	56	82354	95.114	ug/l	96
14) Allyl chloride	5.018	41	96106	18.577	ug/l	97
15) Acrylonitrile	5.712	53	197682	99.522	ug/l	100
16) Acetone	4.424	43	218652	99.006	ug/l	98
17) Carbon Disulfide	4.700	76	150572	19.159	ug/l	99
18) Methyl Acetate	5.012	43	100414	21.715	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	213246	19.912	ug/l	96
20) Methylene Chloride	5.265	84	65338	19.702	ug/l #	91
21) trans-1,2-Dichloroethene	5.777	96	57570	18.607	ug/l	95
22) Diisopropyl ether	6.659	45	227072	20.340	ug/l	99
23) Vinyl Acetate	6.589	43	1030511	101.460	ug/l	98
24) 1,1-Dichloroethane	6.559	63	121076	19.780	ug/l	98
25) 2-Butanone	7.471	43	297325	102.331	ug/l	97
26) 2,2-Dichloropropane	7.471	77	106826	20.334	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	73710	19.928	ug/l	100
28) Bromochloromethane	7.800	49	57372	19.388	ug/l	96
29) Tetrahydrofuran	7.824	42	185311	99.103	ug/l	99
30) Chloroform	7.947	83	129537	20.733	ug/l	100
31) Cyclohexane	8.241	56	98298	19.263	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	106125	20.043	ug/l	98
36) 1,1-Dichloropropene	8.347	75	81229	18.555	ug/l	98
37) Ethyl Acetate	7.547	43	112790	18.855	ug/l	98
38) Carbon Tetrachloride	8.347	117	85891	19.872	ug/l	91
39) Methylcyclohexane	9.583	83	88363	18.334	ug/l	99
40) Benzene	8.588	78	268597	20.004	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	62721	20.241	ug/l		98
42) 1,2-Dichloroethane	8.653	62	105520	20.450	ug/l		99
43) Isopropyl Acetate	8.677	43	187397	20.065	ug/l		99
44) Trichloroethene	9.335	130	57485	18.752	ug/l		96
45) 1,2-Dichloropropane	9.600	63	70684	19.971	ug/l		98
46) Dibromomethane	9.694	93	50887	20.205	ug/l		97
47) Bromodichloromethane	9.865	83	104723	20.288	ug/l		94
48) Methyl methacrylate	9.665	41	87645	19.840	ug/l		99
49) 1,4-Dioxane	9.683	88	21896	382.402	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.424	43	589467	104.609	ug/l		99
52) Toluene	10.606	92	163594	19.653	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	106373	19.909	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	113361	20.434	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	66428	20.629	ug/l		95
56) Ethyl methacrylate	10.859	69	102385	19.895	ug/l		96
57) 1,3-Dichloropropane	11.141	76	115683	20.299	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	271042	97.309	ug/l		99
59) 2-Hexanone	11.177	43	384182	107.877	ug/l		100
60) Dibromochloromethane	11.341	129	75653	20.276	ug/l		99
61) 1,2-Dibromoethane	11.447	107	67879	19.991	ug/l		98
64) Tetrachloroethene	11.082	164	48062	18.858	ug/l		96
65) Chlorobenzene	11.871	112	178321	19.512	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.935	131	61618	20.309	ug/l		99
67) Ethyl Benzene	11.941	91	306841	19.391	ug/l		98
68) m/p-Xylenes	12.053	106	225688	38.890	ug/l		98
69) o-Xylene	12.376	106	111207	19.554	ug/l		98
70) Styrene	12.394	104	193273	20.285	ug/l		99
71) Bromoform	12.559	173	47543	20.432	ug/l	#	96
73) Isopropylbenzene	12.676	105	283161	18.655	ug/l		98
74) N-amyl acetate	12.529	43	103721m	18.032	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	106716	20.421	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	80460m	18.266	ug/l		
77) Bromobenzene	12.959	156	67613	18.892	ug/l		96
78) n-propylbenzene	13.012	91	355090	18.993	ug/l		100
79) 2-Chlorotoluene	13.100	91	210108	18.674	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	244526	18.990	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	31562	18.969	ug/l		88
82) 4-Chlorotoluene	13.200	91	227537	19.235	ug/l		100
83) tert-Butylbenzene	13.418	119	205289	19.132	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	256617	19.908	ug/l		96
85) sec-Butylbenzene	13.594	105	304060	19.095	ug/l		98
86) p-Isopropyltoluene	13.706	119	247190	18.800	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	133973	19.009	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	139016	18.954	ug/l		99
89) n-Butylbenzene	14.035	91	245461	18.797	ug/l		99
90) Hexachloroethane	14.306	117	47221	18.850	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	132259	19.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22925	18.467	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	77500	19.302	ug/l		98
94) Hexachlorobutadiene	15.470	225	27103	18.935	ug/l		97
95) Naphthalene	15.612	128	263572	18.533	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	72189	18.391	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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

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

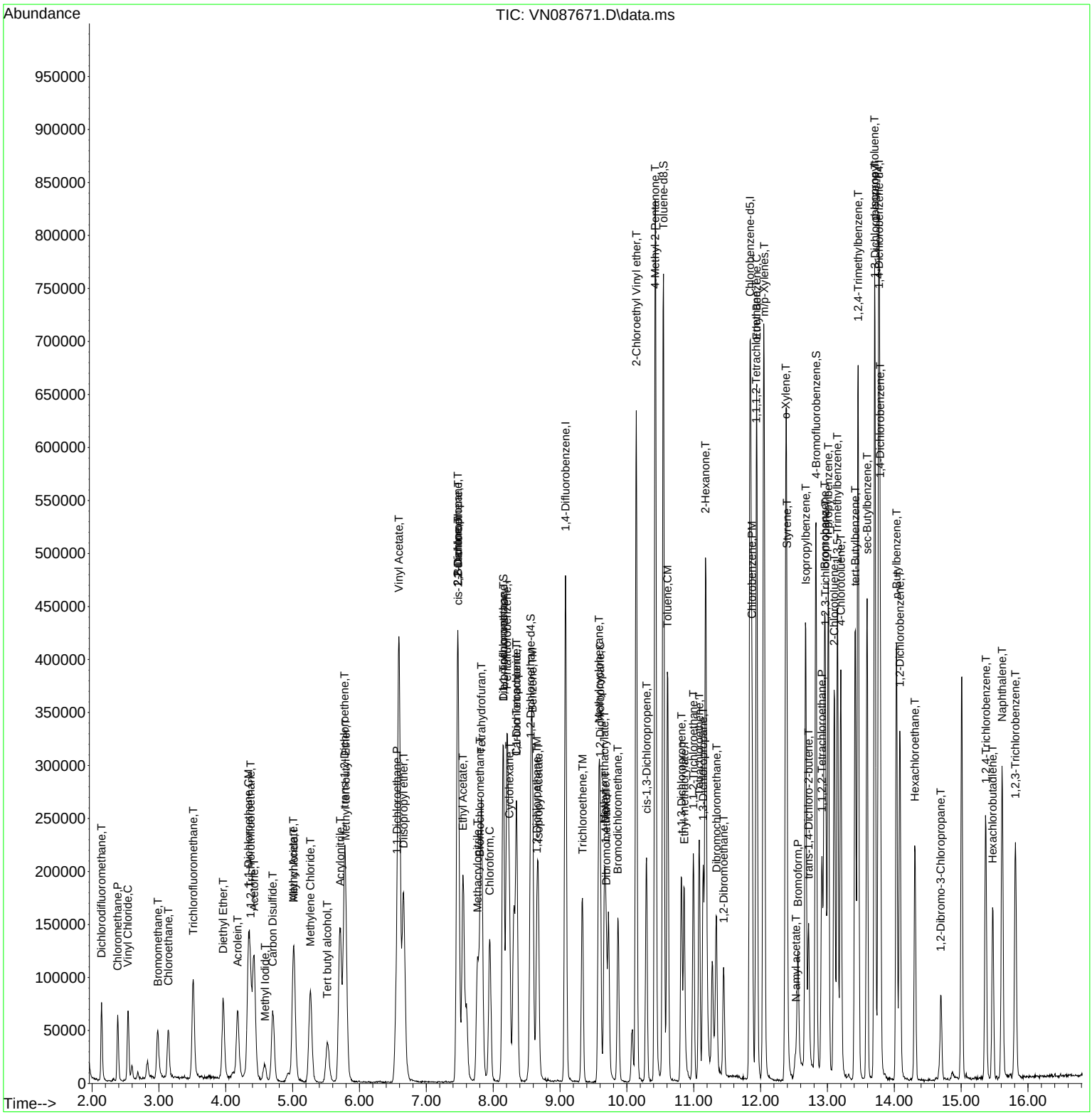
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087671.D
Acq On : 26 Aug 2025 15:29
Operator : JC\MD
Sample : VN0826WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 01:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



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:	Lexington	Date Received:	
Client Sample ID:	VN0826WBSD01	SDG No.:	Q2963
Lab Sample ID:	VN0826WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087672.D	1	08/26/25 16:02	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	23.1		0.22	1.00	ug/L
74-87-3	Chloromethane	21.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.4		0.26	1.00	ug/L
74-83-9	Bromomethane	22.0		1.40	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.3		0.23	1.00	ug/L
67-64-1	Acetone	91.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.6		1.50	5.00	ug/L
78-93-3	2-Butanone	95.3		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.8		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VN0826WBSD01	SDG No.:	Q2963
Lab Sample ID:	VN0826WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087672.D	1	08/26/25 16:02	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.7		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		74 - 125	91%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	46.8		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.206			
540-36-3	1,4-Difluorobenzene	396000	9.082			
3114-55-4	Chlorobenzene-d5	360000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.77			

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Project:	Lexington			Date Received:	
Client Sample ID:	VN0826WBSD01			SDG No.:	Q2963
Lab Sample ID:	VN0826WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087672.D	1	08/26/25 16:02	VN082625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	206976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	396217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	359977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193535	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.280%			
35) Dibromofluoromethane	8.147	113	136733	47.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	10.547	98	500993	46.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.580%			
62) 4-Bromofluorobenzene	12.829	95	179059	47.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	67759	23.050	ug/l	99
3) Chloromethane	2.383	50	64475	21.342	ug/l	93
4) Vinyl Chloride	2.542	62	75068	21.431	ug/l	100
5) Bromomethane	2.983	94	39732	21.984	ug/l	100
6) Chloroethane	3.136	64	49343	20.043	ug/l	99
7) Trichlorofluoromethane	3.512	101	111231	21.675	ug/l	90
8) Diethyl Ether	3.959	74	44352	19.844	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	62830	21.637	ug/l	99
10) Methyl Iodide	4.577	142	29443	18.530	ug/l	98
11) Tert butyl alcohol	5.530	59	72173	98.034	ug/l	98
12) 1,1-Dichloroethene	4.342	96	60685	20.336	ug/l	93
13) Acrolein	4.177	56	85491	94.459	ug/l	98
14) Allyl chloride	5.018	41	98170	18.154	ug/l	96
15) Acrylonitrile	5.706	53	206499	99.457	ug/l	97
16) Acetone	4.424	43	211003	91.403	ug/l	97
17) Carbon Disulfide	4.700	76	153252	18.655	ug/l	100
18) Methyl Acetate	5.012	43	101791	21.059	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	223051	19.925	ug/l	98
20) Methylene Chloride	5.259	84	68454	19.750	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	61371	18.976	ug/l	95
22) Diisopropyl ether	6.659	45	232176	19.896	ug/l	94
23) Vinyl Acetate	6.589	43	962474	90.655	ug/l	99
24) 1,1-Dichloroethane	6.547	63	126126	19.712	ug/l	97
25) 2-Butanone	7.471	43	289526	95.329	ug/l	96
26) 2,2-Dichloropropane	7.477	77	103139	18.782	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	74996	19.397	ug/l	100
28) Bromochloromethane	7.794	49	56986	18.423	ug/l	99
29) Tetrahydrofuran	7.830	42	193504	99.001	ug/l	98
30) Chloroform	7.947	83	130682	20.010	ug/l	98
31) Cyclohexane	8.241	56	110045	20.631	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	108230	19.555	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88312	20.123	ug/l	98
37) Ethyl Acetate	7.547	43	114643	19.117	ug/l	97
38) Carbon Tetrachloride	8.341	117	90066	20.786	ug/l	91
39) Methylcyclohexane	9.582	83	95782	19.824	ug/l	96
40) Benzene	8.588	78	270802	20.118	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	62695	20.182	ug/l		99
42) 1,2-Dichloroethane	8.653	62	105520	20.400	ug/l		99
43) Isopropyl Acetate	8.677	43	195246	20.853	ug/l		99
44) Trichloroethene	9.330	130	59652	19.411	ug/l		94
45) 1,2-Dichloropropane	9.600	63	69537	19.599	ug/l		97
46) Dibromomethane	9.694	93	51853	20.537	ug/l		99
47) Bromodichloromethane	9.871	83	102379	19.785	ug/l		96
48) Methyl methacrylate	9.665	41	87071	19.661	ug/l		99
49) 1,4-Dioxane	9.682	88	23605	411.224	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	594306	105.205	ug/l		99
52) Toluene	10.612	92	165592	19.844	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	108215	20.204	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	114549	20.597	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	68489	21.216	ug/l		92
56) Ethyl methacrylate	10.859	69	106749	20.692	ug/l		96
57) 1,3-Dichloropropane	11.147	76	115068	20.141	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	277913	99.528	ug/l		98
59) 2-Hexanone	11.176	43	383755	107.489	ug/l		98
60) Dibromochloromethane	11.335	129	72855	19.478	ug/l		99
61) 1,2-Dibromoethane	11.447	107	68327	20.073	ug/l		100
64) Tetrachloroethene	11.082	164	50073	20.049	ug/l		93
65) Chlorobenzene	11.871	112	176540	19.713	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	63838	21.471	ug/l		96
67) Ethyl Benzene	11.941	91	315866	20.370	ug/l		97
68) m/p-Xylenes	12.053	106	231713	40.746	ug/l		99
69) o-Xylene	12.376	106	112208	20.134	ug/l		100
70) Styrene	12.388	104	189044	20.248	ug/l		98
71) Bromoform	12.559	173	46074	20.206	ug/l	#	97
73) Isopropylbenzene	12.676	105	289737	19.404	ug/l		99
74) N-amyl acetate	12.535	43	96147m	16.991	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	106247	20.668	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	86445m	19.949	ug/l		
77) Bromobenzene	12.965	156	68239	19.383	ug/l		97
78) n-propylbenzene	13.018	91	369770	20.105	ug/l		100
79) 2-Chlorotoluene	13.106	91	213667	19.305	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	247355	19.528	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	30139	18.413	ug/l		87
82) 4-Chlorotoluene	13.200	91	228263	19.616	ug/l		99
83) tert-Butylbenzene	13.418	119	210808	19.971	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	254840	20.098	ug/l		100
85) sec-Butylbenzene	13.594	105	317754	20.285	ug/l		100
86) p-Isopropyltoluene	13.706	119	262003	20.256	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	136873	19.742	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	138615	19.212	ug/l		98
89) n-Butylbenzene	14.035	91	258480	20.121	ug/l		98
90) Hexachloroethane	14.312	117	50150	20.351	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	131763	20.032	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24883	20.376	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	76342	19.329	ug/l		97
94) Hexachlorobutadiene	15.476	225	29207	20.742	ug/l		99
95) Naphthalene	15.617	128	270597	19.342	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	74991	19.421	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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

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

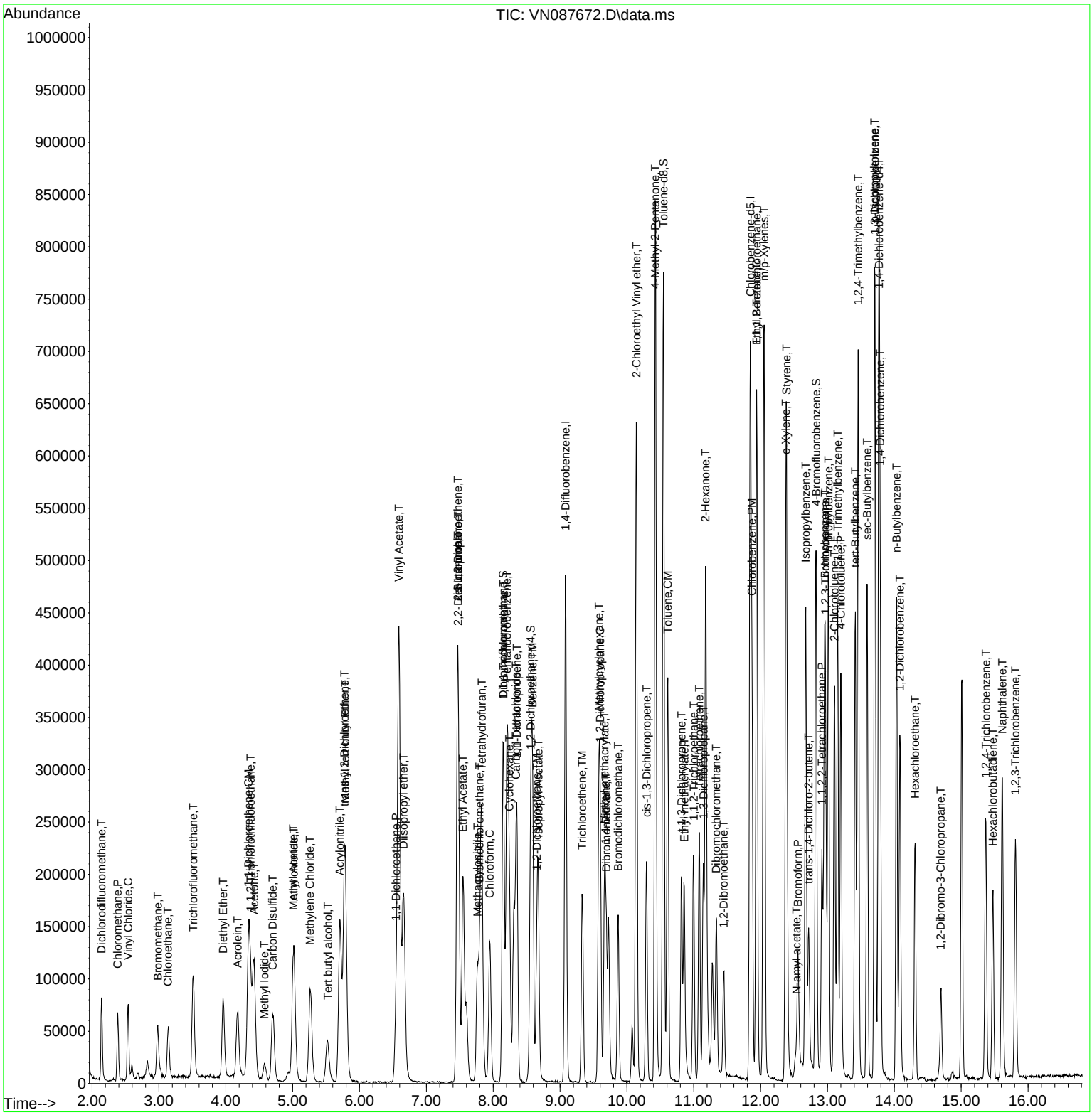
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
Data File : VN087672.D
Acq On : 26 Aug 2025 16:02
Operator : JC\MD
Sample : VN0826WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

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

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

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

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Manual Integration Report

Sequence:	VN082625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087668.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:38:56 AM	MMDadoda	8/27/2025 3:10:56 PM	Peak Integrated by Software
VSTDCCC050	VN087668.D	N-amyl acetate	JOHN	8/27/2025 11:38:56 AM	MMDadoda	8/27/2025 3:10:56 PM	Peak Integrated by Software
VN0826WBS01	VN087671.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:39:01 AM	MMDadoda	8/27/2025 3:10:54 PM	Peak Integrated by Software
VN0826WBS01	VN087671.D	N-amyl acetate	JOHN	8/27/2025 11:39:01 AM	MMDadoda	8/27/2025 3:10:54 PM	Peak Integrated by Software
VN0826WBSD01	VN087672.D	1,2,3-Trichloropropane	JOHN	8/27/2025 11:39:07 AM	MMDadoda	8/27/2025 3:10:58 PM	Peak Integrated by Software
VN0826WBSD01	VN087672.D	N-amyl acetate	JOHN	8/27/2025 11:39:07 AM	MMDadoda	8/27/2025 3:10:58 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082625

Review By	John Carlone	Review On	8/27/2025 11:39:51 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/27/2025 3:18:48 PM		
SubDirectory	VN082625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135303
Initial Calibration Stds	
CCC	VP135304,VP135305
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087667.D	26 Aug 2025 12:36	JC\MD	Ok
2	VSTDCCC050	VN087668.D	26 Aug 2025 13:38	JC\MD	Ok,M
3	VN0826MBL01	VN087669.D	26 Aug 2025 14:48	JC\MD	Ok
4	VN0826WBL01	VN087670.D	26 Aug 2025 15:08	JC\MD	Ok
5	VN0826WBS01	VN087671.D	26 Aug 2025 15:29	JC\MD	Ok,M
6	VN0826WBSD01	VN087672.D	26 Aug 2025 16:02	JC\MD	Ok,M
7	Q2963-01	VN087673.D	26 Aug 2025 16:24	JC\MD	Ok
8	Q2964-02	VN087674.D	26 Aug 2025 16:45	JC\MD	Dilution

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125

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

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

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082625

Review By	John Carlone	Review On	8/27/2025 11:39:51 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/27/2025 3:18:48 PM		
SubDirectory	VN082625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135303
Initial Calibration Stds	
CCC	VP135304,VP135305
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	VN087667.D	26 Aug 2025 12:36		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087668.D	26 Aug 2025 13:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0826MBL01	VN0826MBL01	VN087669.D	26 Aug 2025 14:48		JC\MD	Ok
4	VN0826WBL01	VN0826WBL01	VN087670.D	26 Aug 2025 15:08		JC\MD	Ok
5	VN0826WBS01	VN0826WBS01	VN087671.D	26 Aug 2025 15:29		JC\MD	Ok,M
6	VN0826WBSD01	VN0826WBSD01	VN087672.D	26 Aug 2025 16:02		JC\MD	Ok,M
7	Q2963-01	MW1	VN087673.D	26 Aug 2025 16:24	vial A pH<2	JC\MD	Ok
8	Q2964-02	MW3	VN087674.D	26 Aug 2025 16:45	vial A pH<2 Need 5X	JC\MD	Dilution

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SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.:
QUOTE NO. Q2963
COC Number 2047572

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage Lane
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Lexington
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage Lane
CITY Succasunna STATE: NJ ZIP:
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 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- X EDD FORMAT: Excel pdf
- ❑ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ❑ US EPA CLP
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ Other

TCL VOCs

ANALYSIS

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
								1	2	3	4	5	6	7	8	9	A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW1	GW		X	8/26/25	1250	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.	8/26/25	1. 1430
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT X 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	TX-C25-00189
Virginia	460312