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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3560	**OrderDate:**	11/6/2025 10:13:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	**Project:**	Syosset Landfill 2025
Contact:	John Gerlach	**Location:**	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3560-01	**SY-10D**	**Water**			**11/05/25**			**11/06/25**
			VOCMS Group1	8260-Low			11/06/25	
Q3560-03	**SY-10S**	**Water**			**11/05/25**			**11/06/25**
			VOCMS Group1	8260-Low			11/06/25	
Q3560-05	**SY-10I**	**Water**			**11/05/25**			**11/06/25**
			VOCMS Group1	8260-Low			11/06/25	
Q3560-07	**SY-12I**	**Water**			**11/05/25**			**11/06/25**
			VOCMS Group1	8260-Low			11/06/25	
Q3560-09	**SY-12D**	**Water**			**11/05/25**			**11/06/25**
			VOCMS Group1	8260-Low			11/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3560

Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SY-10D**							
Q3560-01	SY-10D	Water	Acetone	2.70	J	1.50	5.00	ug/L
Q3560-01	SY-10D	Water	Chlorobenzene	1.80		0.12	1.00	ug/L
			Total Voc :	4.50				
			Total Concentration:	4.50				
Client ID:	**SY-10S**							
Q3560-03	SY-10S	Water	Acetone	2.70	J	1.50	5.00	ug/L
			Total Voc :	2.70				
			Total Concentration:	2.70				
Client ID:	**SY-10I**							
Q3560-05	SY-10I	Water	Acetone	3.00	J	1.50	5.00	ug/L
Q3560-05	SY-10I	Water	Chloroform	13.3		0.25	1.00	ug/L
Q3560-05	SY-10I	Water	Tetrachloroethene	0.46	J	0.23	1.00	ug/L
			Total Voc :	16.8				
			Total Concentration:	16.8				
Client ID:	**SY-12I**							
Q3560-07	SY-12I	Water	cis-1,2-Dichloroethene	4.20		0.19	1.00	ug/L
Q3560-07	SY-12I	Water	Benzene	0.45	J	0.15	1.00	ug/L
Q3560-07	SY-12I	Water	Tetrachloroethene	1.00		0.23	1.00	ug/L
Q3560-07	SY-12I	Water	Chlorobenzene	14.0		0.12	1.00	ug/L
Q3560-07	SY-12I	Water	1,4-Dichlorobenzene	5.20		0.19	1.00	ug/L
Q3560-07	SY-12I	Water	1,2-Dichlorobenzene	2.90		0.16	1.00	ug/L
			Total Voc :	27.8				
			Total Concentration:	27.8				
Client ID:	**SY-12D**							
Q3560-09	SY-12D	Water	Vinyl Chloride	1.20		0.26	1.00	ug/L
Q3560-09	SY-12D	Water	Acetone	3.50	J	1.50	5.00	ug/L
Q3560-09	SY-12D	Water	Carbon Disulfide	1.30		0.21	1.00	ug/L
Q3560-09	SY-12D	Water	cis-1,2-Dichloroethene	6.00		0.19	1.00	ug/L
Q3560-09	SY-12D	Water	Chloroform	0.54	J	0.25	1.00	ug/L
Q3560-09	SY-12D	Water	Benzene	0.22	J	0.15	1.00	ug/L
Q3560-09	SY-12D	Water	Tetrachloroethene	0.86	J	0.23	1.00	ug/L
Q3560-09	SY-12D	Water	Chlorobenzene	20.2		0.12	1.00	ug/L
Q3560-09	SY-12D	Water	1,4-Dichlorobenzene	6.80		0.19	1.00	ug/L
Q3560-09	SY-12D	Water	1,2-Dichlorobenzene	4.80		0.16	1.00	ug/L
			Total Voc :	45.4				
			Total Concentration:	45.4				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3560

Client: Lockwood, Kessler & Bartlett, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3560-01	SY-10D	1,2-Dichloroethane-d4	50	62.6	125		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	57.3	115		77	121
Q3560-03	SY-10S	1,2-Dichloroethane-d4	50	60.3	121		74	125
		Dibromofluoromethane	50	50.8	102		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
Q3560-05	SY-10I	1,2-Dichloroethane-d4	50	60.2	120		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	53.8	108		77	121
Q3560-07	SY-12I	1,2-Dichloroethane-d4	50	62.5	125		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	56.4	113		77	121
Q3560-09	SY-12D	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	52.1	104		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	55.4	111		77	121
VN1106WBL01	VN1106WBL01	1,2-Dichloroethane-d4	50	58.8	118		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	56.1	112		77	121
VN1106WBS01	VN1106WBS01	1,2-Dichloroethane-d4	50	50.8	102		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	50.5	101		77	121
VN1106WBSD0	VN1106WBSD01	1,2-Dichloroethane-d4	50	56.4	113		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	51.7	103		77	121
VN1107WBL01	VN1107WBL01	1,2-Dichloroethane-d4	50	60.6	121		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	53.7	107		77	121
VN1107WBS01	VN1107WBS01	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	51.4	103		75	124
		Toluene-d8	50	47.9	96		86	113
		4-Bromofluorobenzene	50	49.3	99		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3560**	**Analytical Method:**	**SW8260-Low**
Client:	**Lockwood, Kessler & Bartlett, Inc.**	**Datafile :**	VN088201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1106WBS01	Vinyl chloride	20	17.7	ug/L	89			65	117	
	Chloroethane	20	15.9	ug/L	79			56	128	
	Trichlorofluoromethane	20	17.2	ug/L	86			73	115	
	1,1-Dichloroethene	20	16.9	ug/L	85			74	110	
	Acrylonitrile	100	96.1	ug/L	96			73	113	
	Acetone	100	85.8	ug/L	86			60	125	
	Carbon disulfide	20	16.3	ug/L	81			64	112	
	Methylene Chloride	20	16.9	ug/L	85			72	114	
	Vinyl Acetate	100	97.2	ug/L	97			76	115	
	2-Butanone	100	94.8	ug/L	95			65	122	
	Carbon Tetrachloride	20	19.8	ug/L	99			77	113	
	cis-1,2-Dichloroethene	20	18.0	ug/L	90			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	18.9	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			80	108	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Dibromomethane	20	19.9	ug/L	100			82	110	
	Bromodichloromethane	20	20.1	ug/L	101			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	18.9	ug/L	95			82	110	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			79	110	
	cis-1,3-Dichloropropene	20	19.9	ug/L	100			82	110	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	19.7	ug/L	99			82	110	
	1,2-Dibromoethane	20	19.4	ug/L	97			81	110	
	Tetrachloroethene	20	18.7	ug/L	94			67	123	
	Chlorobenzene	20	19.4	ug/L	97			82	109	
	1,1,1,2-Tetrachloroethane	20	20.1	ug/L	101			84	111	
	Ethyl Benzene	20	19.5	ug/L	98			83	109	
	m/p-Xylenes	40	39.0	ug/L	98			82	110	
	o-Xylene	20	20.0	ug/L	100			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	20.6	ug/L	103			79	109	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	21.6	ug/L	108			75	112	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.6	ug/L	98			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			68	112	
	Methyl iodide	20	18.1	ug/L	91			70	130	
	trans-1,4-Dichloro-2-butene	20	18.4	ug/L	92			79	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3560 **Analytical Method:** SW8260-Low

Client: Lockwood, Kessler & Bartlett, Inc. **Datafile :** VN088218.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1106WBSD01	Vinyl chloride	20	17.9	ug/L	90	1		65	117	19
	Chloroethane	20	16.7	ug/L	84	6		56	128	20
	Trichlorofluoromethane	20	17.4	ug/L	87	1		73	115	16
	1,1-Dichloroethene	20	16.5	ug/L	83	2		74	110	20
	Acrylonitrile	100	110	ug/L	110	14		73	113	29
	Acetone	100	95.9	ug/L	96	11		60	125	20
	Carbon disulfide	20	17.0	ug/L	85	5		64	112	20
	Methylene Chloride	20	19.2	ug/L	96	12		72	114	20
	Vinyl Acetate	100	100	ug/L	100	3		76	115	26
	2-Butanone	100	110	ug/L	110	15		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	3		77	113	15
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	6		77	110	20
	Bromochloromethane	20	21.1	ug/L	106	2		70	124	20
	Chloroform	20	20.0	ug/L	100	5		79	113	20
	1,1,1-Trichloroethane	20	19.4	ug/L	97	2		80	108	20
	Benzene	20	19.1	ug/L	96	1		82	109	15
	1,2-Dichloropropane	20	19.5	ug/L	98	2		83	111	16
	Dibromomethane	20	20.1	ug/L	101	1		82	110	20
	Bromodichloromethane	20	20.1	ug/L	101	0		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	18.9	ug/L	95	0		82	110	16
	t-1,3-Dichloropropene	20	19.6	ug/L	98	4		79	110	20
	cis-1,3-Dichloropropene	20	19.7	ug/L	99	1		82	110	16
	2-Hexanone	100	100	ug/L	100	0		73	117	25
	Dibromochloromethane	20	19.2	ug/L	96	3		82	110	20
	1,2-Dibromoethane	20	19.4	ug/L	97	0		81	110	20
	Tetrachloroethene	20	18.9	ug/L	95	1		67	123	15
	Chlorobenzene	20	19.3	ug/L	97	0		82	109	15
	1,1,1,2-Tetrachloroethane	20	20.0	ug/L	100	1		84	111	20
	Ethyl Benzene	20	19.0	ug/L	95	3		83	109	16
	m/p-Xylenes	40	37.9	ug/L	95	3		82	110	15
	o-Xylene	20	19.5	ug/L	98	2		83	109	20
	Styrene	20	19.8	ug/L	99	3		80	111	17
	Bromoform	20	19.9	ug/L	100	3		79	109	20
	1,1,2,2-Tetrachloroethane	20	21.1	ug/L	106	7		76	118	20
	1,2,3-Trichloropropane	20	18.5	ug/L	93	15		75	112	20
	1,4-Dichlorobenzene	20	18.7	ug/L	94	0		82	107	15
	1,2-Dichlorobenzene	20	19.6	ug/L	98	0		82	109	20
	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100	1		68	112	20
	Methyl iodide	20	18.7	ug/L	94	3		70	130	20
	trans-1,4-Dichloro-2-butene	20	18.8	ug/L	94	2		79	102	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3560 **Analytical Method:** SW8260-Low

Client: Lockwood, Kessler & Bartlett, Inc. **Datafile :** VN088225.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1107WBS01	Vinyl chloride	20	18.8	ug/L	94			65	117	
	Chloroethane	20	17.2	ug/L	86			56	128	
	Trichlorofluoromethane	20	16.9	ug/L	85			73	115	
	1,1-Dichloroethene	20	16.7	ug/L	84			74	110	
	Acrylonitrile	100	110	ug/L	110			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	Vinyl Acetate	100	110	ug/L	110			76	115	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	19.1	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	20.8	ug/L	104			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	21.4	ug/L	107			79	113	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			80	108	
	Benzene	20	20.3	ug/L	102			82	109	
	1,2-Dichloropropane	20	20.9	ug/L	104			83	111	
	Dibromomethane	20	20.6	ug/L	103			82	110	
	Bromodichloromethane	20	21.6	ug/L	108			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	20.6	ug/L	103			79	110	
	cis-1,3-Dichloropropene	20	21.3	ug/L	106			82	110	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.3	ug/L	102			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	19.8	ug/L	99			82	109	
	1,1,1,2-Tetrachloroethane	20	20.4	ug/L	102			84	111	
	Ethyl Benzene	20	19.5	ug/L	98			83	109	
	m/p-Xylenes	40	38.1	ug/L	95			82	110	
	o-Xylene	20	20.2	ug/L	101			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	20.3	ug/L	102			79	109	
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104			76	118	
	1,2,3-Trichloropropane	20	19.0	ug/L	95			75	112	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			82	109	
	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100			68	112	
	Methyl iodide	20	21.0	ug/L	105			70	130	
	trans-1,4-Dichloro-2-butene	20	17.3	ug/L	86			79	102	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1106WBL01

Lab Name: Alliance | Contract: LOCK01

Lab Code: ACE | SDG NO.: Q3560

Lab File ID: VN088199.D | Lab Sample ID: VN1106WBL01

Date Analyzed: 11/06/2025 | Time Analyzed: 12:09

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
VN1106WBS01	VN1106WBS01	VN088201.D	11/06/2025
SY-10D	Q3560-01	VN088212.D	11/06/2025
SY-10S	Q3560-03	VN088213.D	11/06/2025
SY-10I	Q3560-05	VN088214.D	11/06/2025
SY-12I	Q3560-07	VN088215.D	11/06/2025
VN1106WBSD01	VN1106WBSD01	VN088218.D	11/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1107WBL01

Lab Name: Alliance | Contract: LOCK01

Lab Code: ACE | SDG NO.: Q3560

Lab File ID: VN088224.D | Lab Sample ID: VN1107WBL01

Date Analyzed: 11/07/2025 | Time Analyzed: 11:00

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
VN1107WBS01	VN1107WBS01	VN088225.D	11/07/2025
SY-12D	Q3560-09	VN088231.D	11/07/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: LOCK01
Lab Code: ACE
SDG NO.: Q3560
Lab File ID: VN088077.D
BFB Injection Date: 10/23/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:09
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	56
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	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	64.7
175	5.0 - 9.0% of mass 174	5.8 (8.9) 1
176	95.0 - 101.0% of mass 174	62.6 (96.8) 1
177	5.0 - 9.0% of mass 176	4.5 (7.2) 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	VN088078.D	10/23/2025	09:42
VSTDICC005	VSTDICC005	VN088079.D	10/23/2025	10:38
VSTDICC020	VSTDICC020	VN088080.D	10/23/2025	10:59
VSTDICCC050	VSTDICCC050	VN088081.D	10/23/2025	11:20
VSTDICC100	VSTDICC100	VN088082.D	10/23/2025	11:41
VSTDICC150	VSTDICC150	VN088083.D	10/23/2025	12:02

Raw Data: **VN088196.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: LOCK01
Lab Code: ACE
SDG NO.: Q3560
Lab File ID: VN088196.D
BFB Injection Date: 11/06/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:20
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	23.8
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	7.3
173	Less than 2.0% of mass 174	1 (1.5) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	64.9 (95.6) 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	VN088197.D	11/06/2025	11:00
VN1106WBL01	VN1106WBL01	VN088199.D	11/06/2025	12:09
VN1106WBS01	VN1106WBS01	VN088201.D	11/06/2025	12:53
SY-10D	Q3560-01	VN088212.D	11/06/2025	17:14
SY-10S	Q3560-03	VN088213.D	11/06/2025	17:35
SY-10I	Q3560-05	VN088214.D	11/06/2025	17:56
SY-12I	Q3560-07	VN088215.D	11/06/2025	18:16
VN1106WBSD01	VN1106WBSD01	VN088218.D	11/06/2025	19:18

Raw Data: **VN088221.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: LOCK01
Lab Code: ACE
SDG NO.: Q3560
Lab File ID: VN088221.D
BFB Injection Date: 11/07/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:12
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 60.0% of mass 95	57.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	69.7
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	66.3 (95.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088222.D	11/07/2025	09:49
VN1107WBL01	VN1107WBL01	VN088224.D	11/07/2025	11:00
VN1107WBS01	VN1107WBS01	VN088225.D	11/07/2025	11:47
SY-12D	Q3560-09	VN088231.D	11/07/2025	14:12

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3560

Lab File ID: VN088197.D Date Analyzed: 11/06/2025

Instrument ID: MSVOA_N Time Analyzed: 11:00

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	361073	8.21	666324	9.08	581281	11.85
UPPER LIMIT	722146	8.706	1332650	9.582	1162560	12.347
LOWER LIMIT	180537	7.706	333162	8.582	290641	11.347
EPA SAMPLE NO.						
SY-10D	253683	8.21	587927	9.08	574358	11.84
SY-10S	223922	8.21	508531	9.08	488671	11.84
SY-10I	219388	8.21	502558	9.08	478183	11.84
SY-12I	275832	8.21	628960	9.08	619366	11.84
VN1106WBL01	338872	8.21	766389	9.08	734647	11.84
VN1106WBS01	371844	8.21	669973	9.08	573811	11.84
VN1106WBSD01	315748	8.21	600237	9.08	522703	11.84

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3560

Lab File ID: VN088197.D Date Analyzed: 11/06/2025

Instrument ID: MSVOA_N Time Analyzed: 11:00

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

	IS4 AREA #	RT #				
12 HOUR STD	283428	13.77				
UPPER LIMIT	566856	14.27				
LOWER LIMIT	141714	13.27				
EPA SAMPLE NO.						
SY-10D	297689	13.77				
SY-10S	234197	13.77				
SY-10I	233723	13.77				
SY-12I	309131	13.77				
VN1106WBL01	362059	13.77				
VN1106WBS01	278028	13.77				
VN1106WBSD01	246663	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3560

Lab File ID: VN088222.D Date Analyzed: 11/07/2025

Instrument ID: MSVOA_N Time Analyzed: 09:49

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	312291	8.21	595955	9.08	524310	11.84
UPPER LIMIT	624582	8.706	1191910	9.582	1048620	12.341
LOWER LIMIT	156146	7.706	297978	8.582	262155	11.341
EPA SAMPLE NO.						
SY-12D	211115	8.21	474557	9.08	456150	11.84
VN1107WBL01	218414	8.21	497944	9.08	470093	11.85
VN1107WBS01	316837	8.21	610543	9.08	528698	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3560

Lab File ID: VN088222.D Date Analyzed: 11/07/2025

Instrument ID: MSVOA_N Time Analyzed: 09:49

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

	IS4 AREA #	RT #				
12 HOUR STD	253740	13.77				
UPPER LIMIT	507480	14.27				
LOWER LIMIT	126870	13.27				
EPA SAMPLE NO.						
SY-12D	218223	13.77				
VN1107WBL01	225246	13.77				
VN1107WBS01	262907	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

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10D	SDG No.:	Q3560
Lab Sample ID:	Q3560-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:14	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:14	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:14	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:14	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:14	VN110625
67-64-1	Acetone	2.70	J	1	1.50	5.00	ug/L	11/06/25 17:14	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:14	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:14	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:14	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:14	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:14	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:14	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:14	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:14	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:14	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:14	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:14	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:14	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:14	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:14	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:14	VN110625
108-90-7	Chlorobenzene	1.80		1	0.12	1.00	ug/L	11/06/25 17:14	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:14	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:14	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:14	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:14	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:14	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:14	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:14	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:14	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:14	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.6			74 - 125	125%	SPK: 50		

Raw Data: **VN088212.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10D	SDG No.:	Q3560
Lab Sample ID:	Q3560-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	51.1			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.3			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	254000							
540-36-3	1,4-Difluorobenzene	588000							
3114-55-4	Chlorobenzene-d5	574000							
3855-82-1	1,4-Dichlorobenzene-d4	298000							

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\VN110625\
Data File : VN088212.D
Acq On : 06 Nov 2025 17:14
Operator : JC\MD
Sample : Q3560-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Quant Time: Nov 07 02:23:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

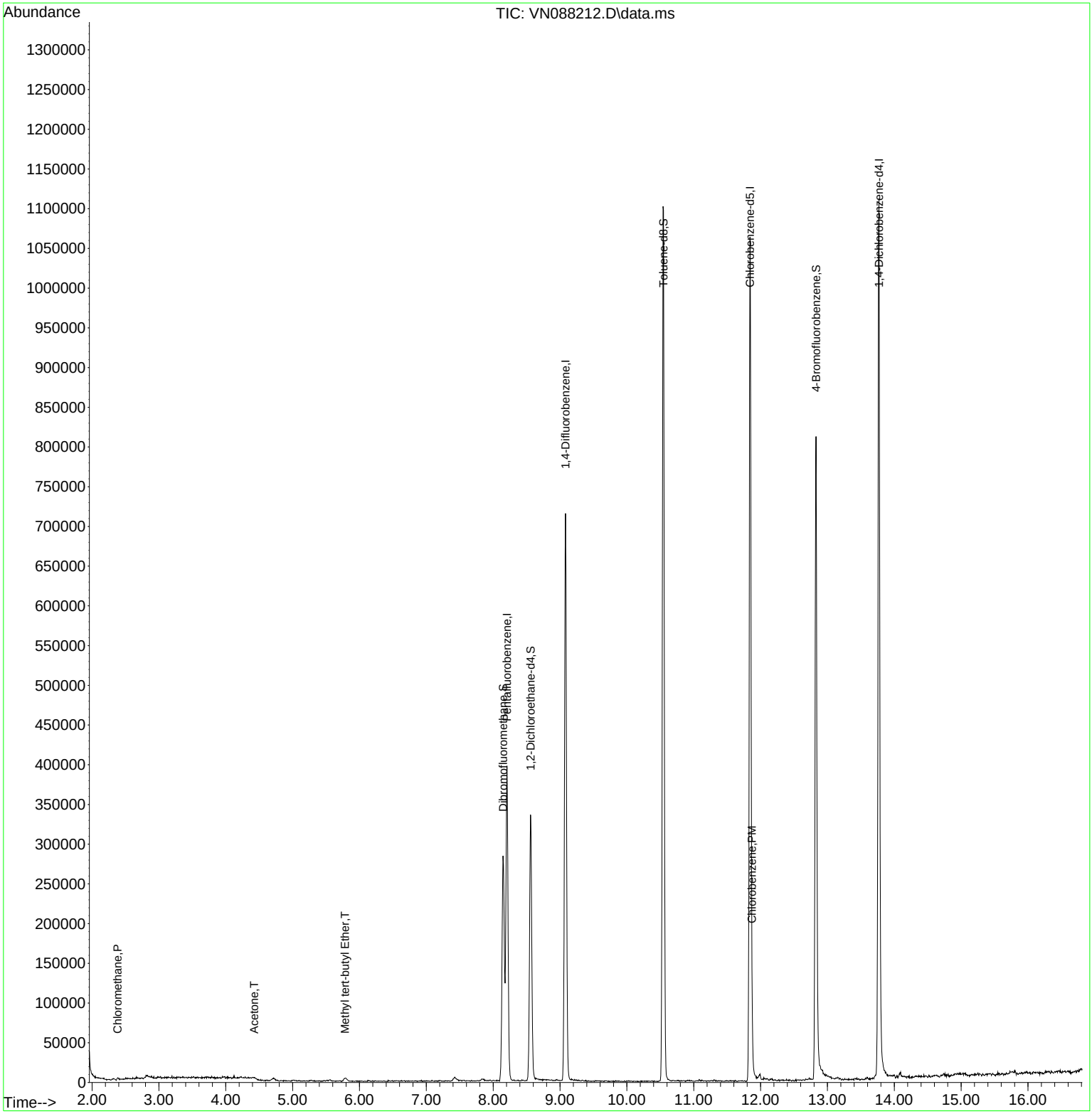
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	253683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	587927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	574358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	297689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	274550	62.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.180%#			
35) Dibromofluoromethane	8.147	113	201642	51.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.547	98	761174	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.829	95	307824	57.272	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.540%			
Target Compounds						Qvalue
3) Chloromethane	2.383	50	2381	0.707	ug/l	89
16) Acetone	4.424	43	5919	2.686	ug/l #	83
19) Methyl tert-butyl Ether	5.783	73	5697	0.487	ug/l #	83
65) Chlorobenzene	11.871	112	23484	1.801	ug/l	94

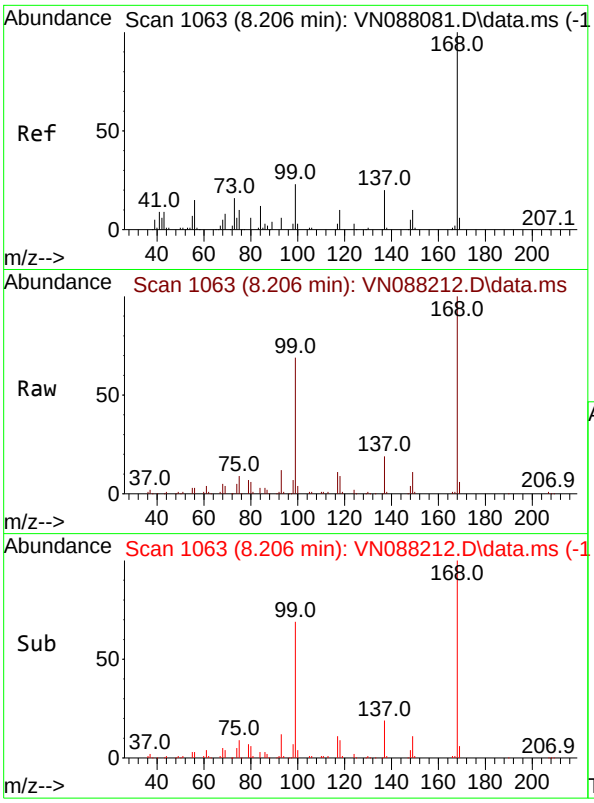
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088212.D
Acq On : 06 Nov 2025 17:14
Operator : JC\MD
Sample : Q3560-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Quant Time: Nov 07 02:23:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



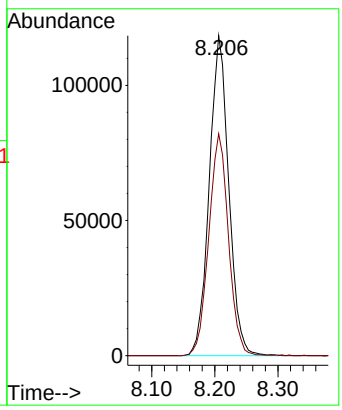


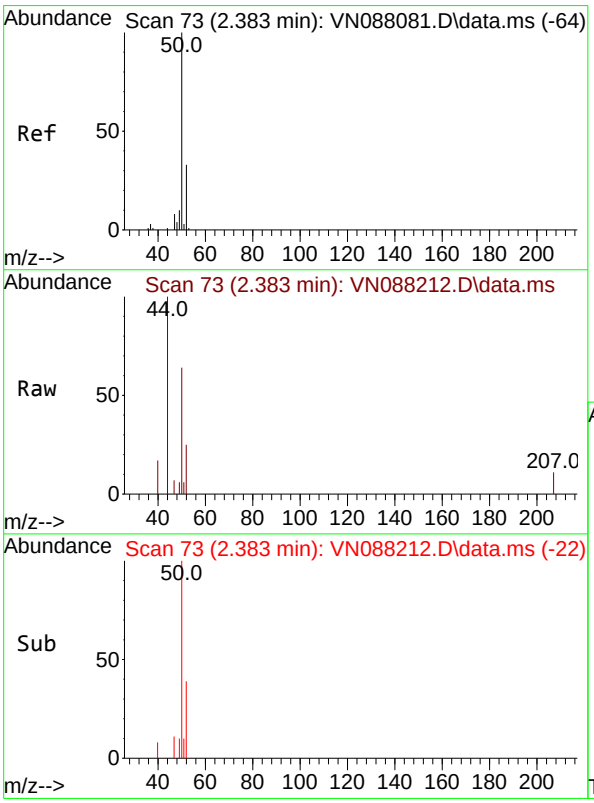
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:168 Resp: 253683

Ion	Ratio	Lower	Upper
168	100		
99	69.4	57.2	85.8

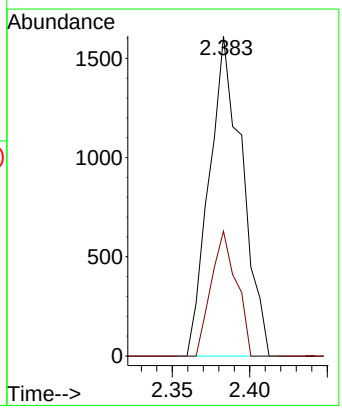


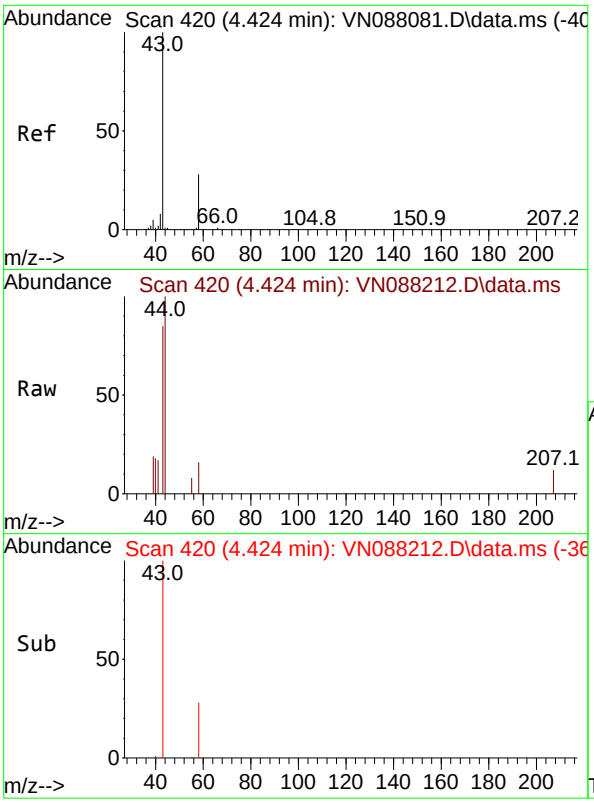


#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 50 Resp: 2381

Ion	Ratio	Lower	Upper
50	100		
52	39.0	26.2	39.4



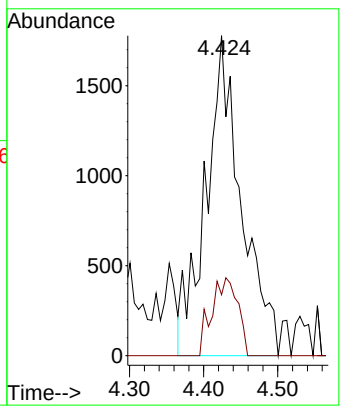


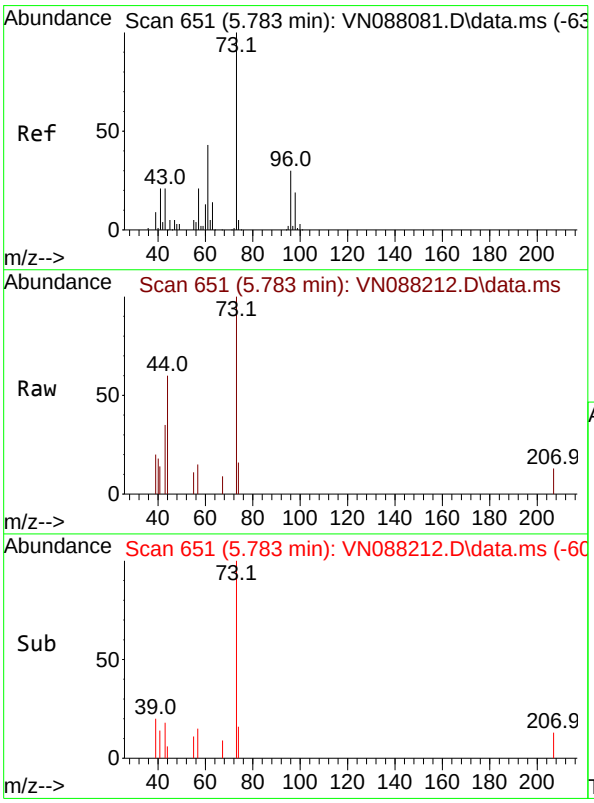
#16
Acetone
Concen: 2.686 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 43 Resp: 5919

Ion	Ratio	Lower	Upper
43	100		
58	19.1	22.6	33.8#

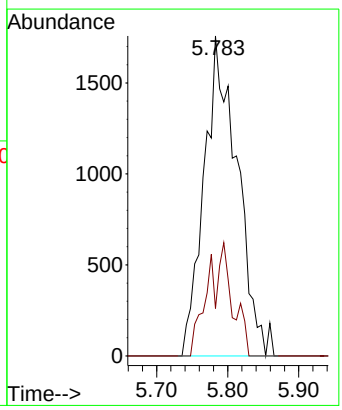


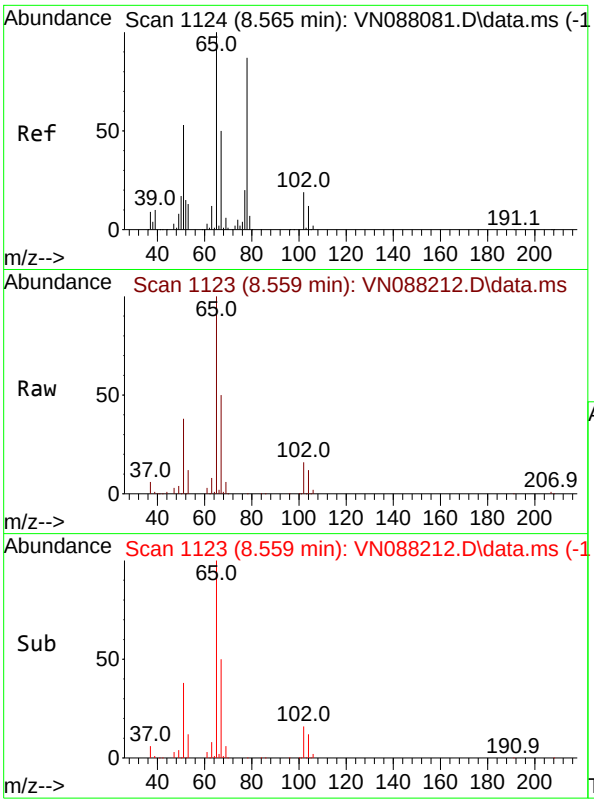


#19
Methyl tert-butyl Ether
Concen: 0.487 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 73 Resp: 5697

Ion	Ratio	Lower	Upper
73	100		
57	14.8	18.4	27.6#



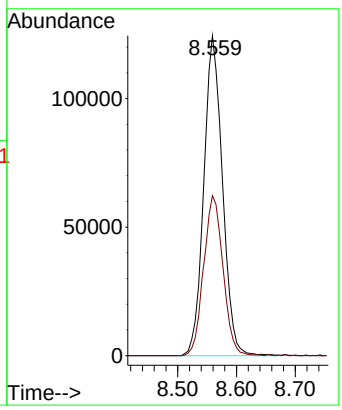


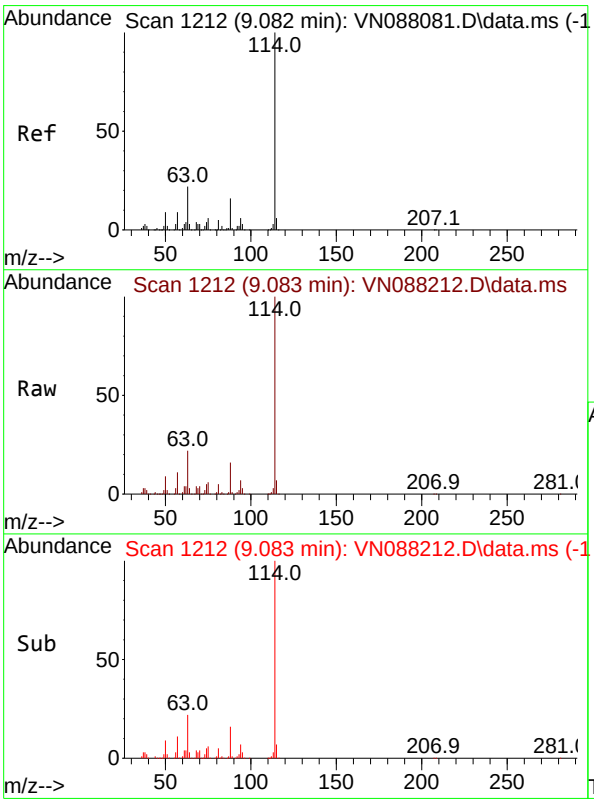
#33
1,2-Dichloroethane-d4
Concen: 62.587 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 65 Resp: 274550

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0

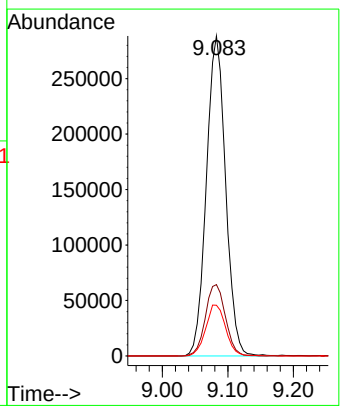


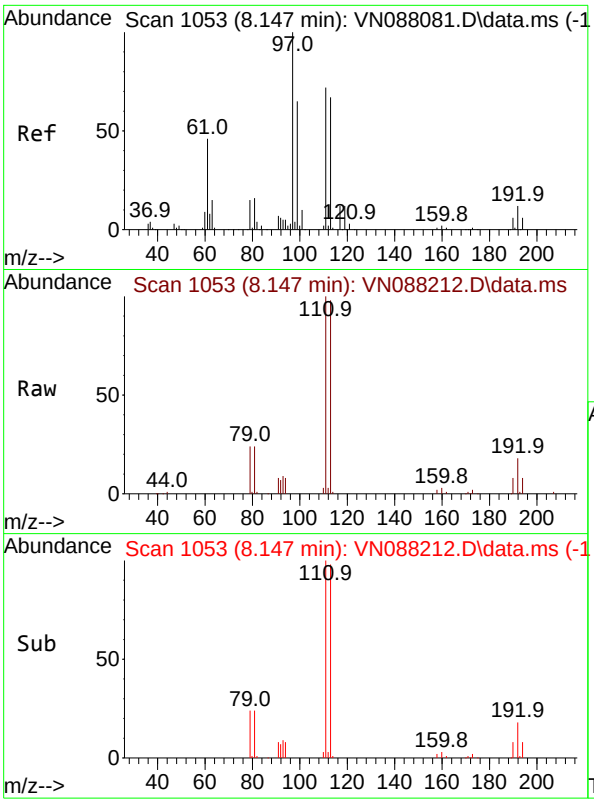


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:114 Resp: 587927

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	15.8	0.0	33.4



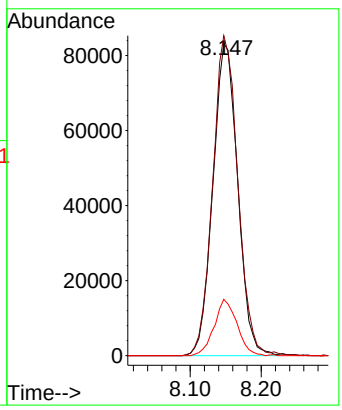


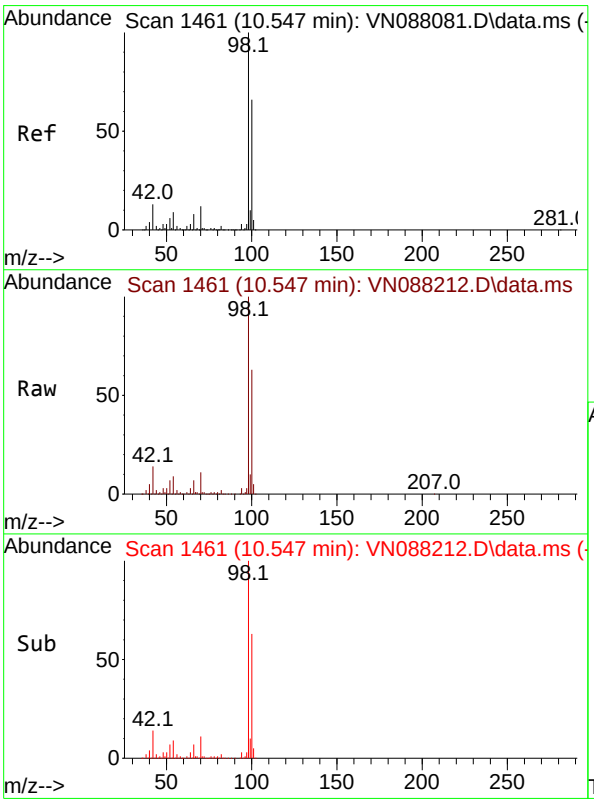
#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:113 Resp: 201642

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	16.6	12.8	19.2

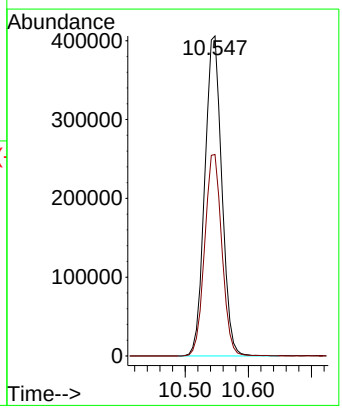


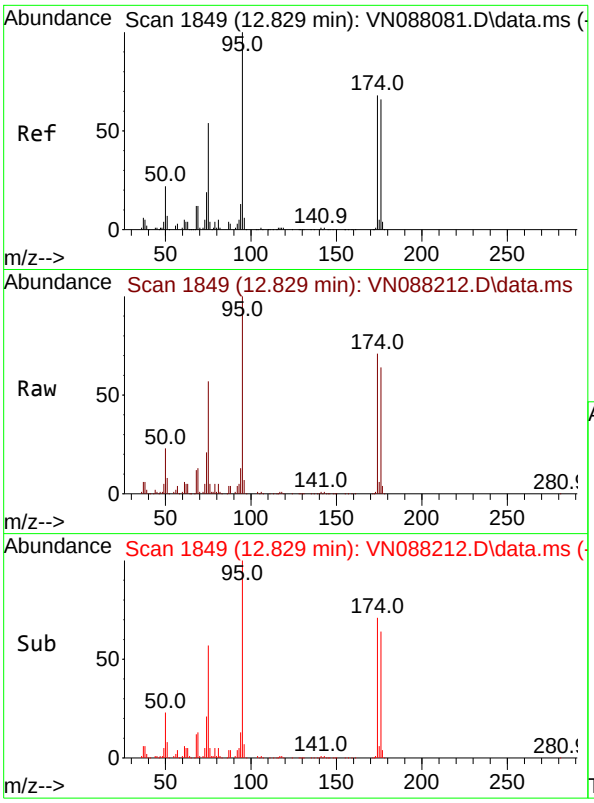


#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 98 Resp: 761174

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.8	79.2



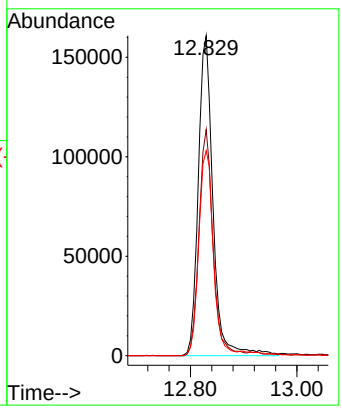


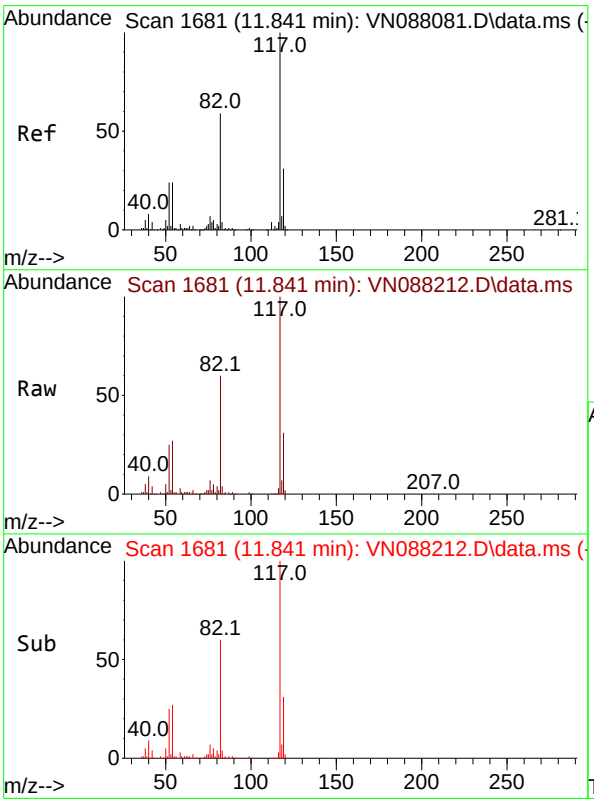
#62
4-Bromofluorobenzene
Concen: 57.272 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 95 Resp: 307824

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	138.4
176	63.1	0.0	132.6

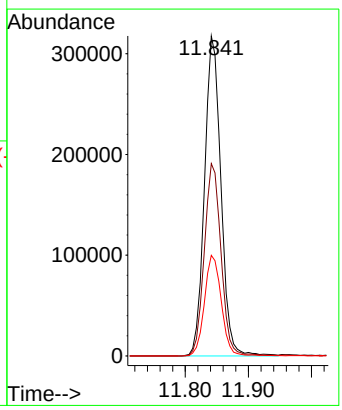


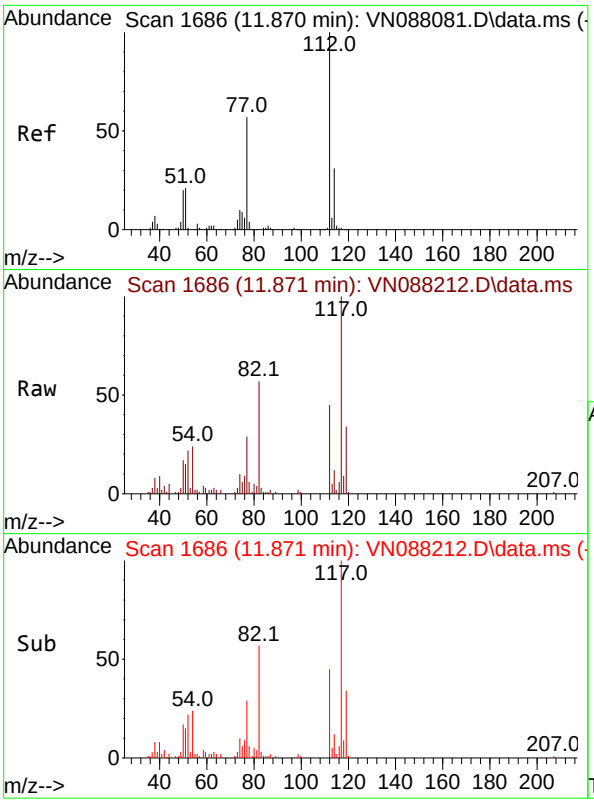


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:117 Resp: 574358

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	31.4	24.3	36.5



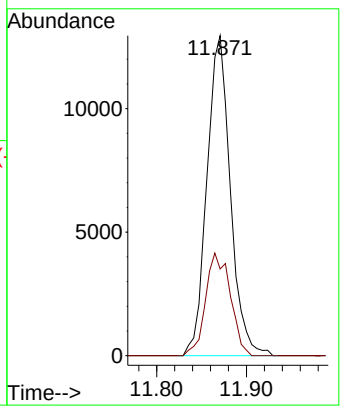


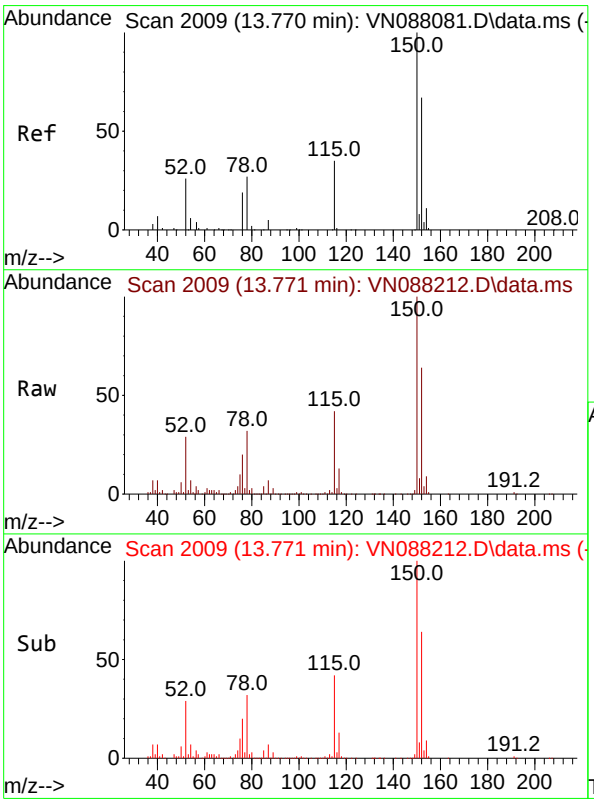
#65
Chlorobenzene
Concen: 1.801 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:112 Resp: 23484

Ion	Ratio	Lower	Upper
112	100		
114	27.1	24.3	36.5

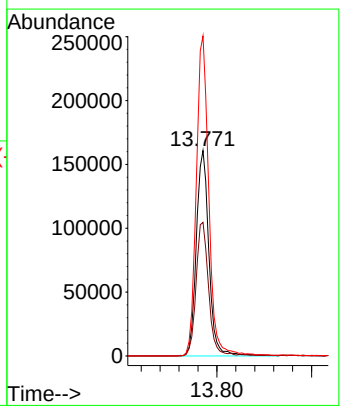




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:152 Resp: 297689

Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.3	96.8
150	154.3	0.0	351.0



Raw Data: **VN088213.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10S	SDG No.:	Q3560
Lab Sample ID:	Q3560-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:35	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:35	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:35	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:35	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:35	VN110625
67-64-1	Acetone	2.70	J	1	1.50	5.00	ug/L	11/06/25 17:35	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:35	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:35	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:35	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:35	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:35	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:35	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:35	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:35	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:35	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:35	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:35	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:35	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:35	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:35	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:35	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:35	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:35	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:35	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:35	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:35	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:35	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:35	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:35	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:35	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:35	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.3			74 - 125	121%	SPK: 50		

Raw Data: **VN088213.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10S	SDG No.:	Q3560
Lab Sample ID:	Q3560-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	50.8			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	49.9			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.3			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	224000							
540-36-3	1,4-Difluorobenzene	509000							
3114-55-4	Chlorobenzene-d5	489000							
3855-82-1	1,4-Dichlorobenzene-d4	234000							

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\VN110625\
Data File : VN088213.D
Acq On : 06 Nov 2025 17:35
Operator : JC\MD
Sample : Q3560-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Quant Time: Nov 07 02:23:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

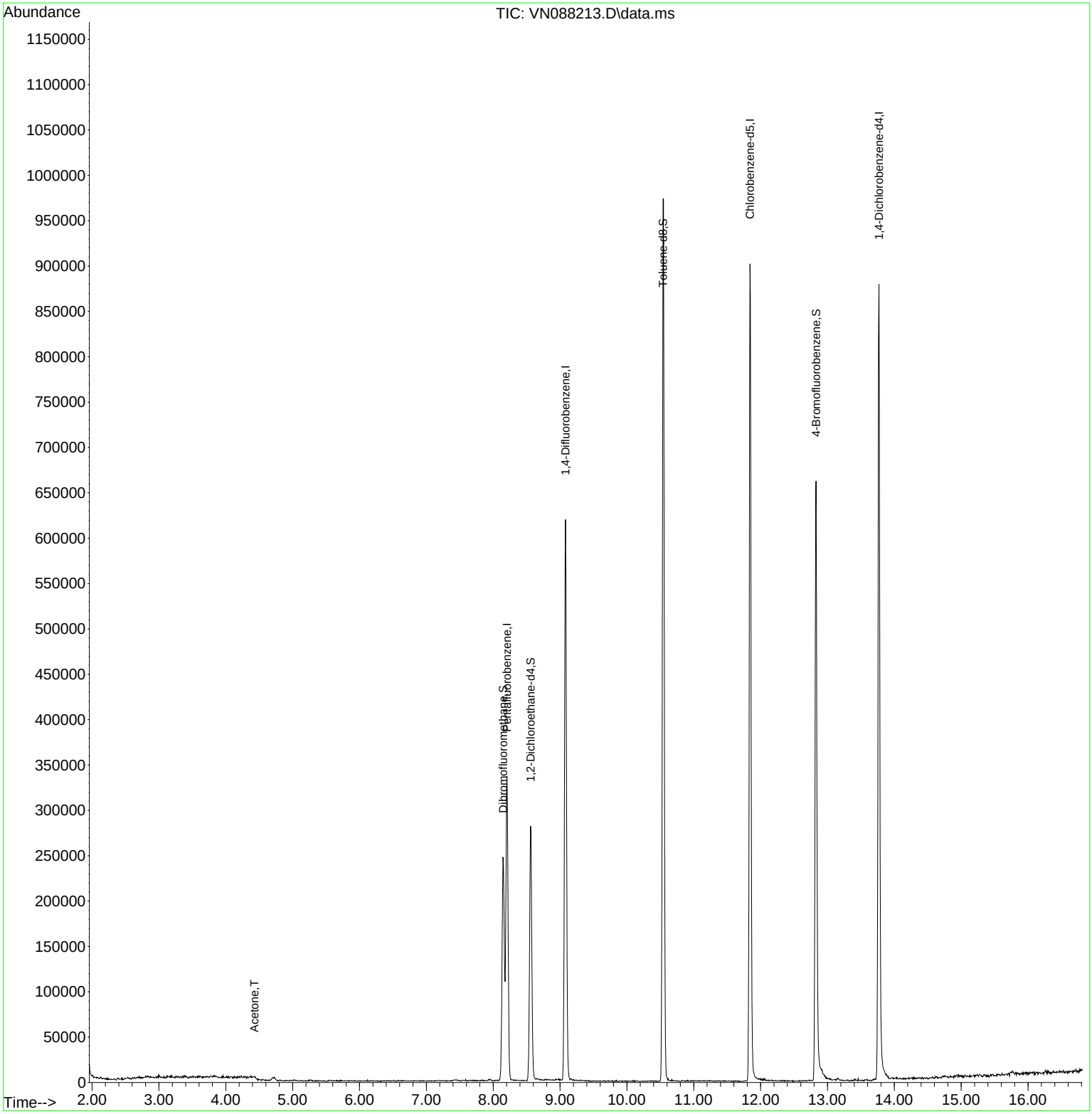
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	223922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	508531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	488671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233532	60.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.620%			
35) Dibromofluoromethane	8.147	113	173448	50.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	10.541	98	656522	49.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.829	95	247639	53.268	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.540%			
Target Compounds						Qvalue
16) Acetone	4.430	43	5273	2.711	ug/l	91

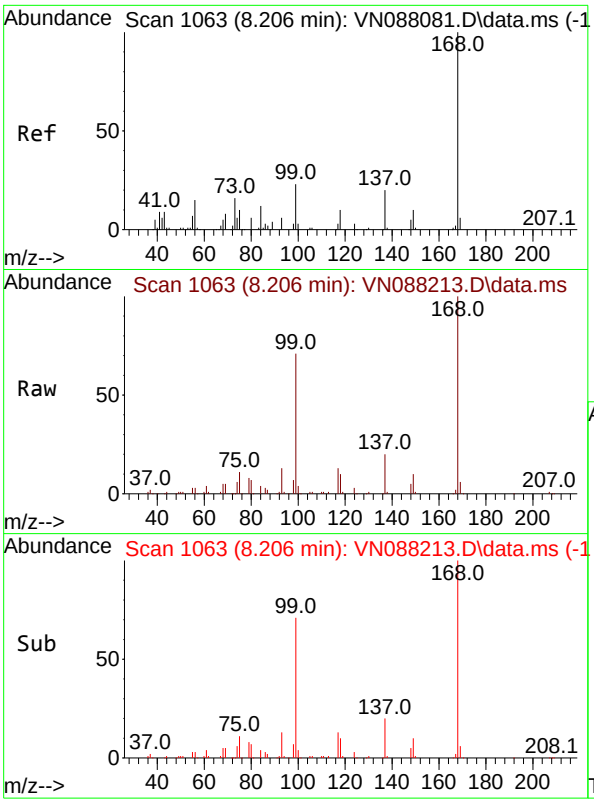
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088213.D
Acq On : 06 Nov 2025 17:35
Operator : JC\MD
Sample : Q3560-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Quant Time: Nov 07 02:23:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



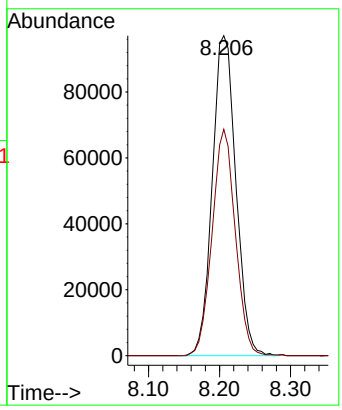


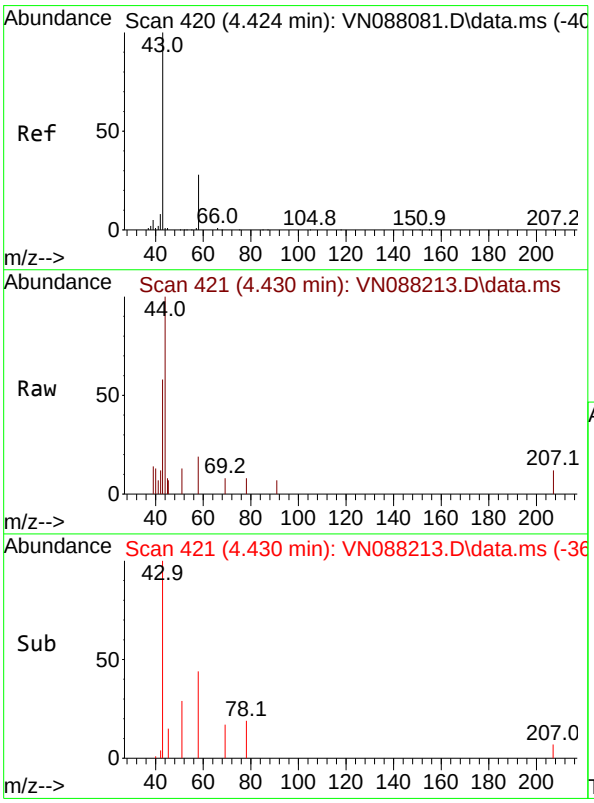
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Tgt Ion:168 Resp: 223922

Ion	Ratio	Lower	Upper
168	100		
99	70.8	57.2	85.8

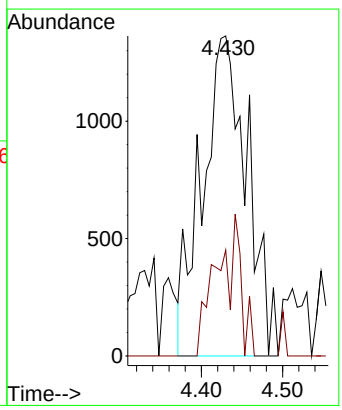


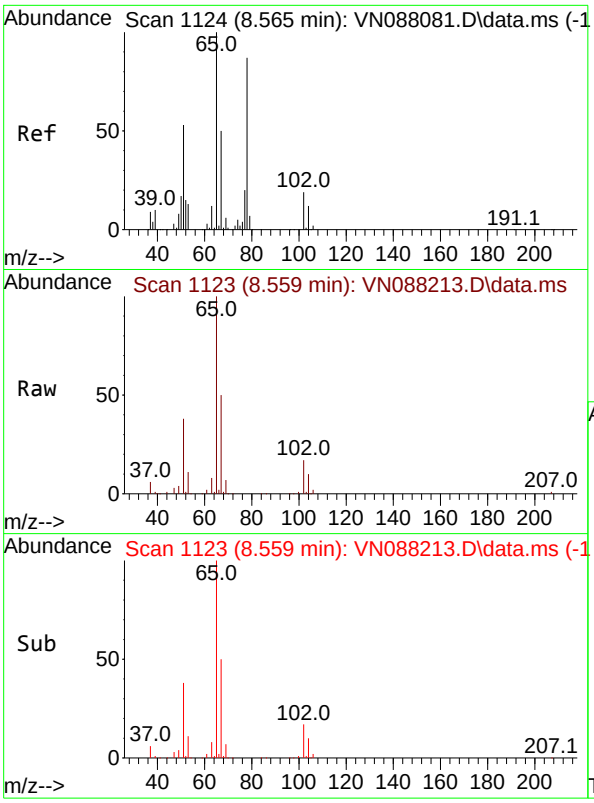


#16
Acetone
Concen: 2.711 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion: 43 Resp: 5273

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.6	33.8



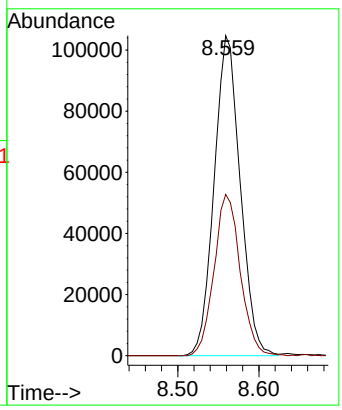


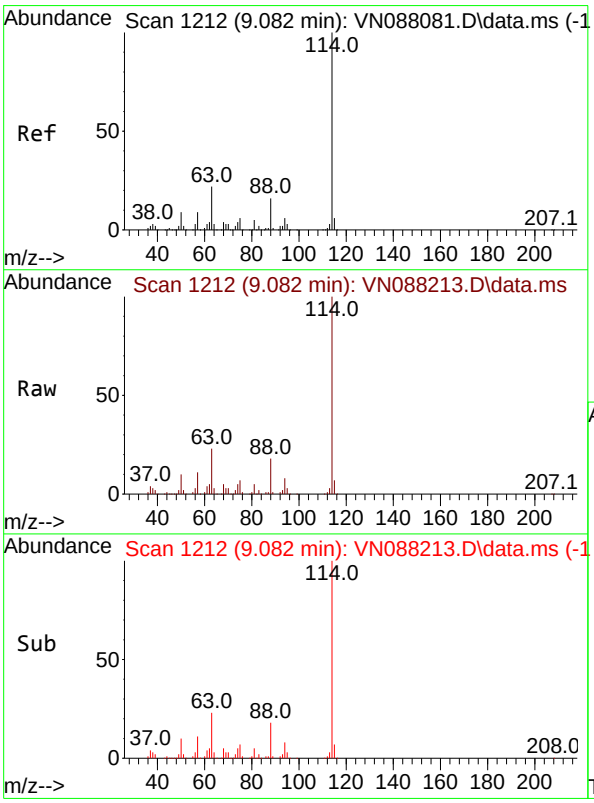
#33
1,2-Dichloroethane-d4
Concen: 60.312 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Tgt Ion: 65 Resp: 233532

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.0

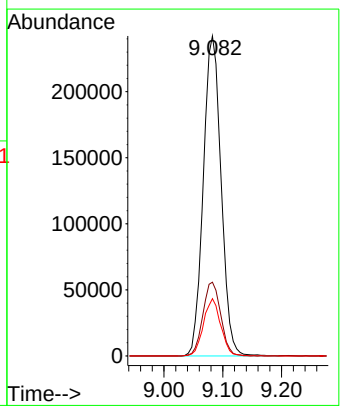


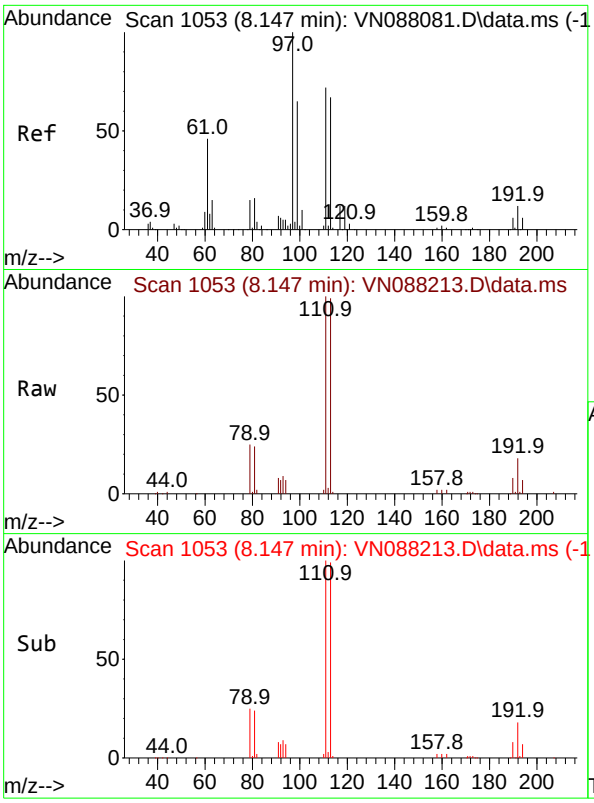


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion:114 Resp: 508531

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.9	0.0	33.4



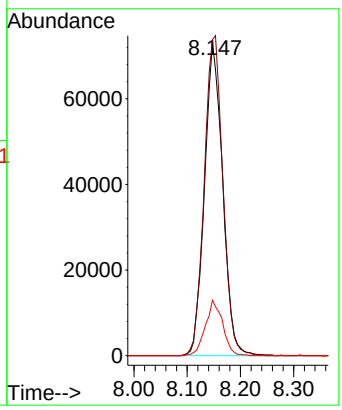


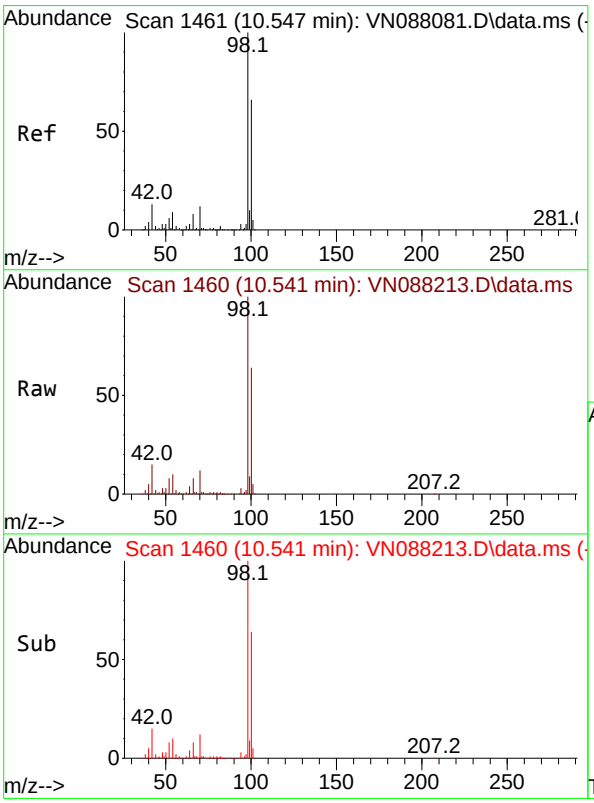
#35
Dibromofluoromethane
Concen: 50.770 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Tgt Ion:113 Resp: 173448

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.8	124.2
192	16.9	12.8	19.2

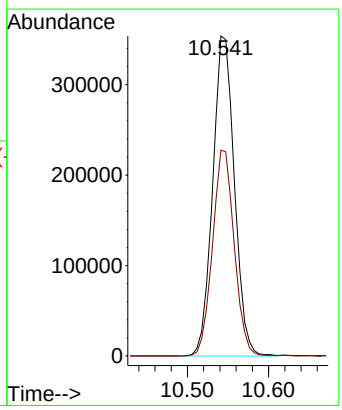


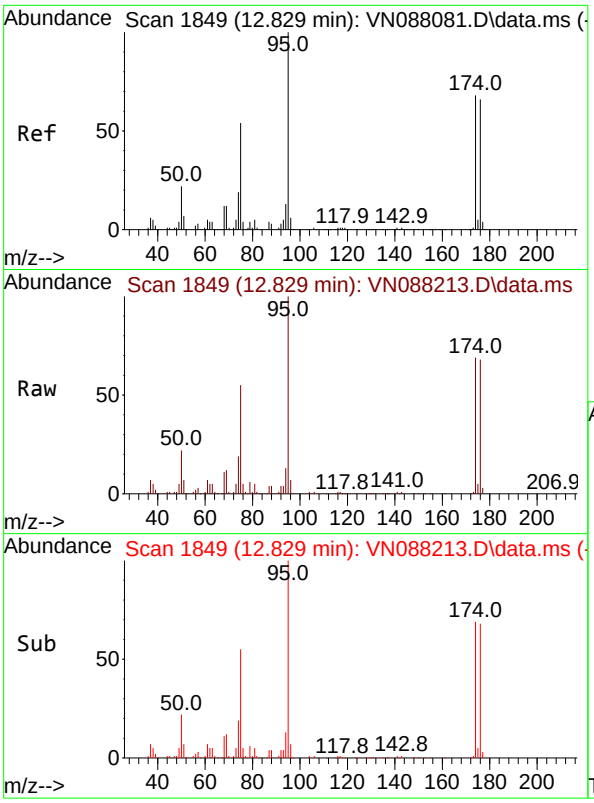


#50
Toluene-d8
Concen: 49.874 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion: 98 Resp: 656522

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2



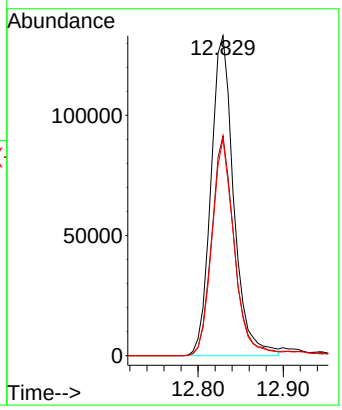


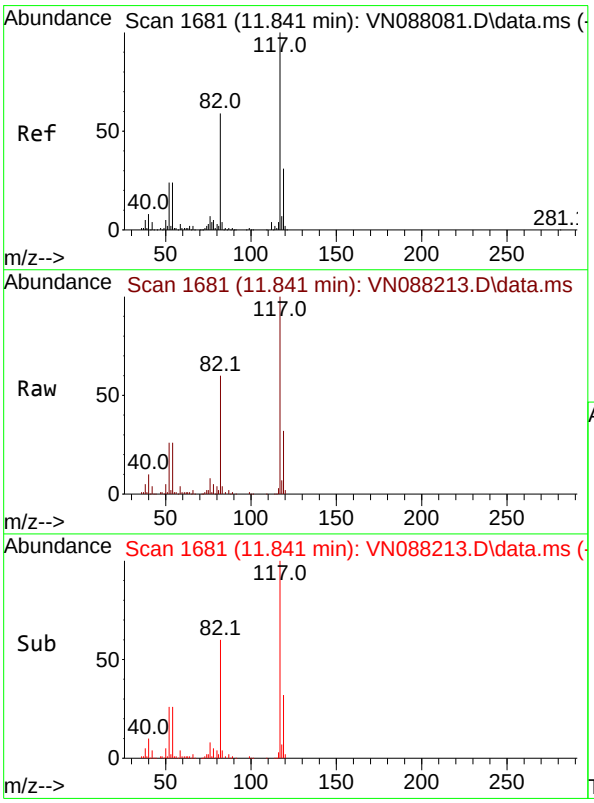
#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Tgt Ion: 95 Resp: 247639

Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	138.4
176	68.3	0.0	132.6

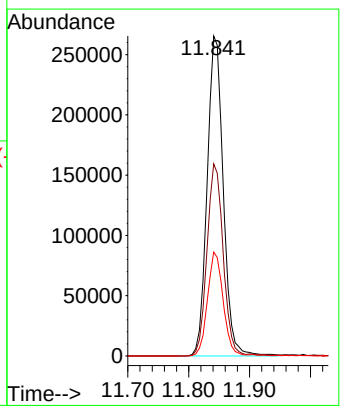


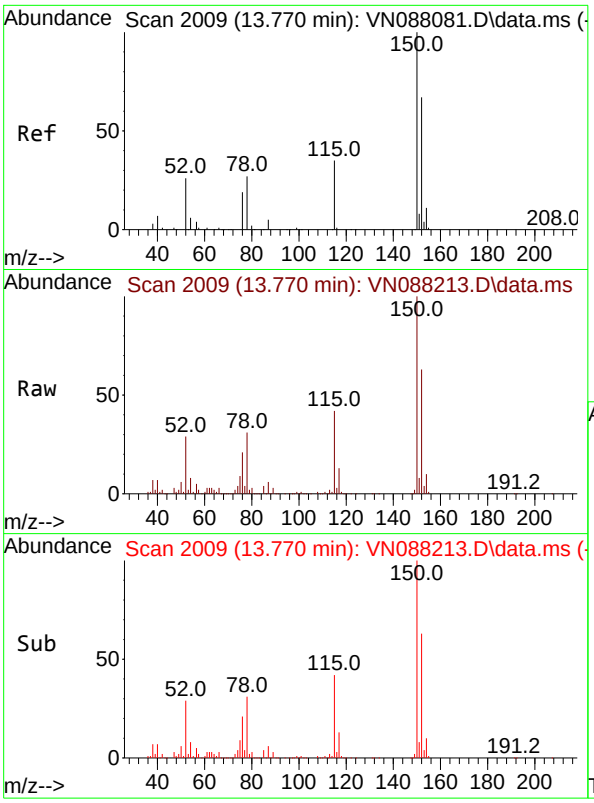


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Tgt Ion:117 Resp: 488671

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	32.4	24.3	36.5



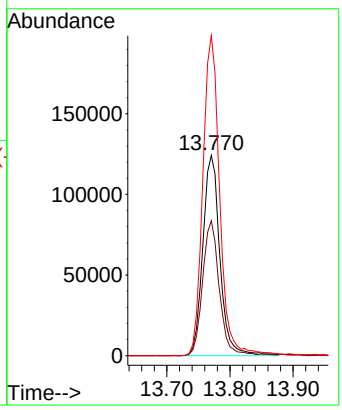


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088213.D
Acq: 06 Nov 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
SY-10S

Tgt Ion:152 Resp: 234197

Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.3	96.8
150	157.6	0.0	351.0



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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10I	SDG No.:	Q3560
Lab Sample ID:	Q3560-05	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:56	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:56	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:56	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:56	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:56	VN110625
67-64-1	Acetone	3.00	J	1	1.50	5.00	ug/L	11/06/25 17:56	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:56	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:56	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:56	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:56	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:56	VN110625
67-66-3	Chloroform	13.3		1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:56	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:56	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:56	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:56	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:56	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:56	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:56	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:56	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:56	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
127-18-4	Tetrachloroethene	0.46	J	1	0.23	1.00	ug/L	11/06/25 17:56	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:56	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:56	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:56	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:56	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:56	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:56	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:56	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:56	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:56	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:56	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.2			74 - 125	120%	SPK: 50		

Raw Data: **VN088214.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-10I	SDG No.:	Q3560
Lab Sample ID:	Q3560-05	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	51.0			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.8			77 - 121	108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	219000							
540-36-3	1,4-Difluorobenzene	503000							
3114-55-4	Chlorobenzene-d5	478000							
3855-82-1	1,4-Dichlorobenzene-d4	234000							

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\VN110625\
Data File : VN088214.D
Acq On : 06 Nov 2025 17:56
Operator : JC\MD
Sample : Q3560-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Quant Time: Nov 07 02:23:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	219388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	502558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	478183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	228398	60.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.400%			
35) Dibromofluoromethane	8.147	113	172195	51.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.541	98	647041	49.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.829	95	247299	53.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.660%			
Target Compounds						Qvalue
16) Acetone	4.424	43	5666	2.973	ug/l	94
30) Chloroform	7.947	83	75071	13.346	ug/l	99
64) Tetrachloroethene	11.088	164	1438	0.456	ug/l #	89

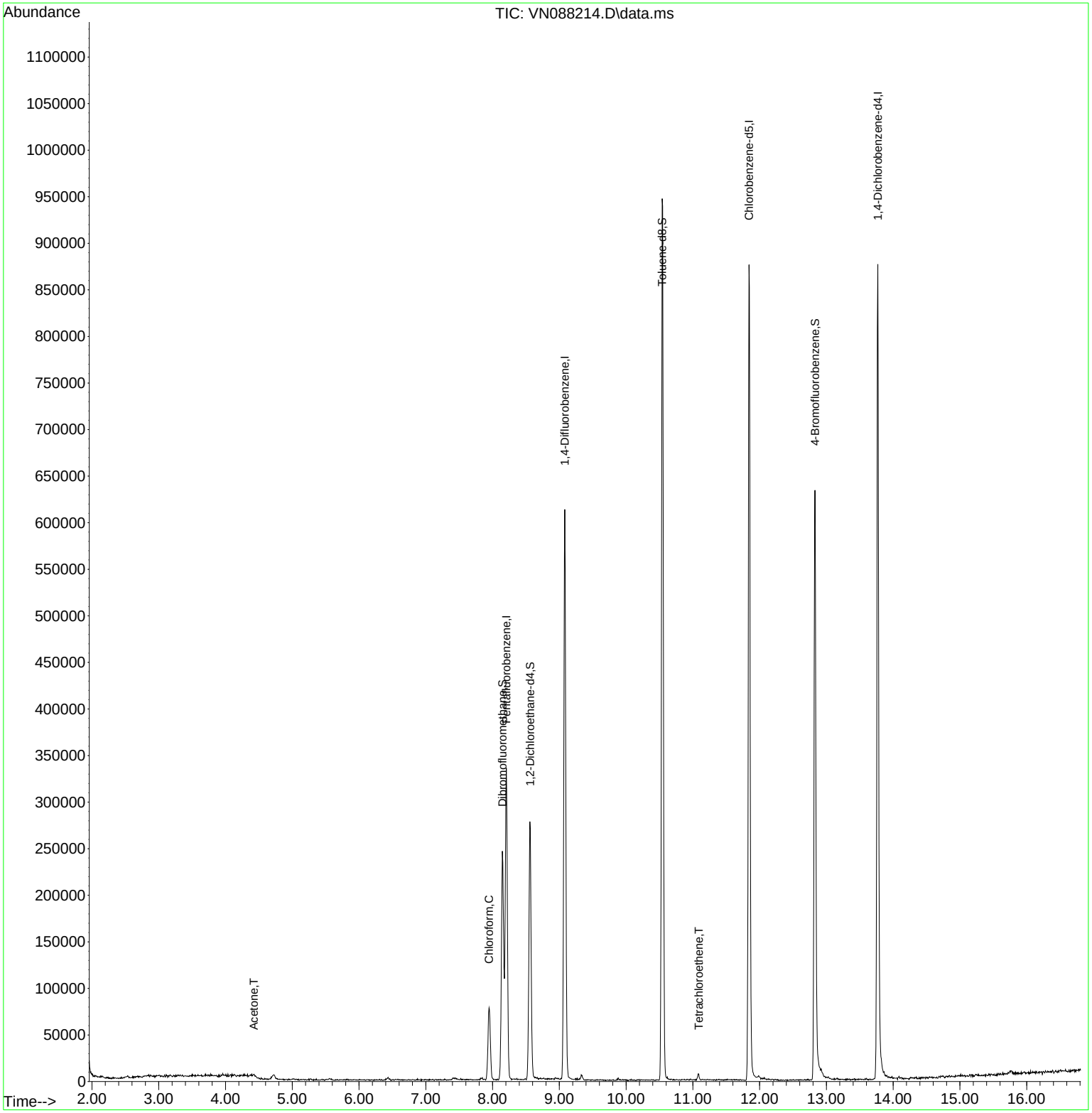
(#) = qualifier out of range (m) = manual integration (+) = signals summed

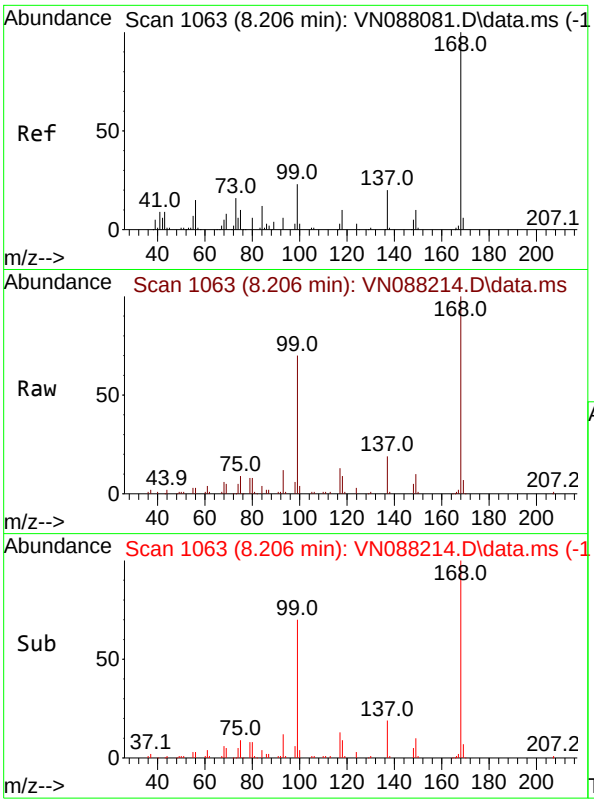
Sample Results: **VN088214.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088214.D
Acq On : 06 Nov 2025 17:56
Operator : JC\MD
Sample : Q3560-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Quant Time: Nov 07 02:23:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



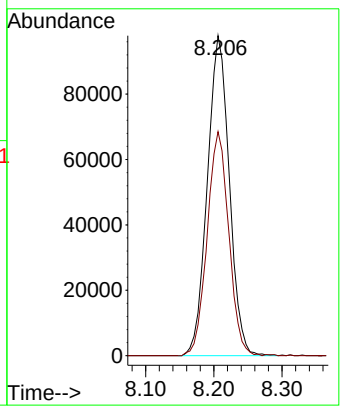


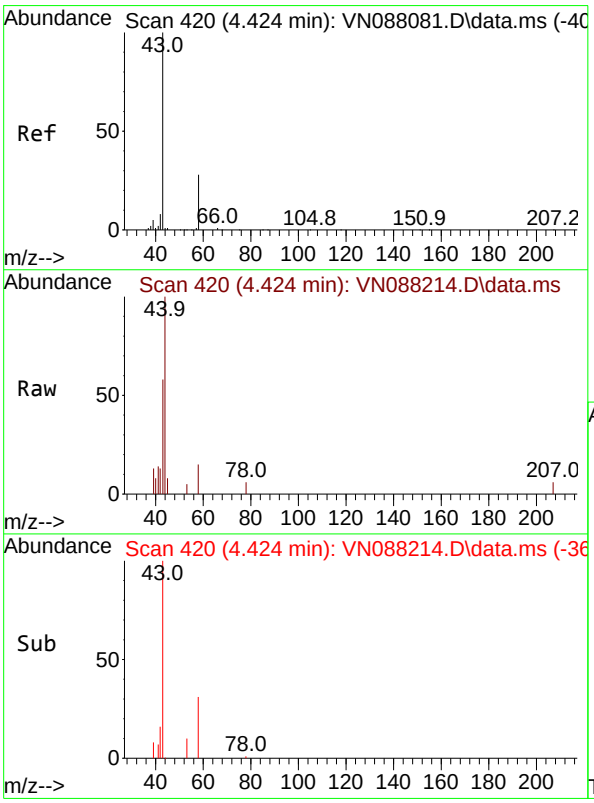
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion:168 Resp: 219388

Ion	Ratio	Lower	Upper
168	100		
99	70.0	57.2	85.8

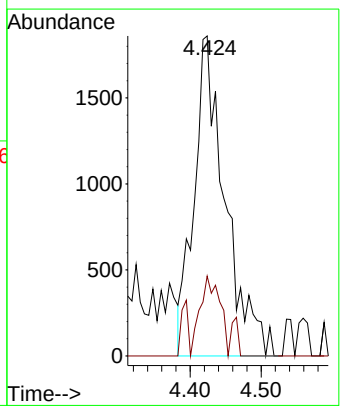


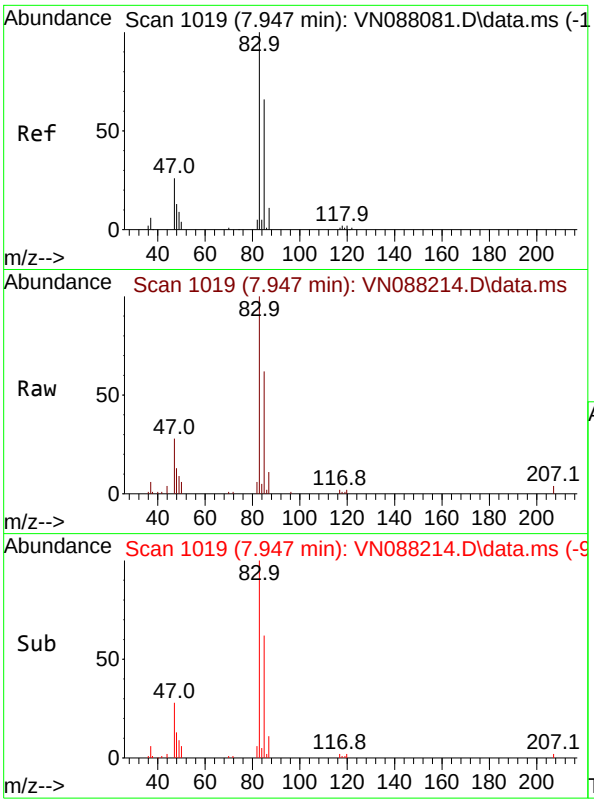


#16
Acetone
Concen: 2.973 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Tgt Ion: 43 Resp: 5666

Ion	Ratio	Lower	Upper
43	100		
58	24.9	22.6	33.8



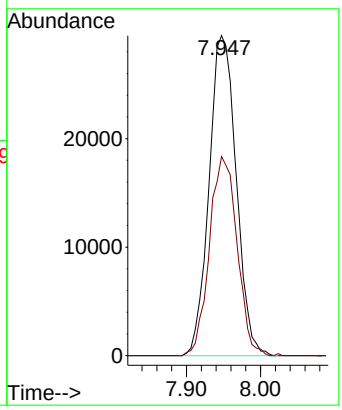


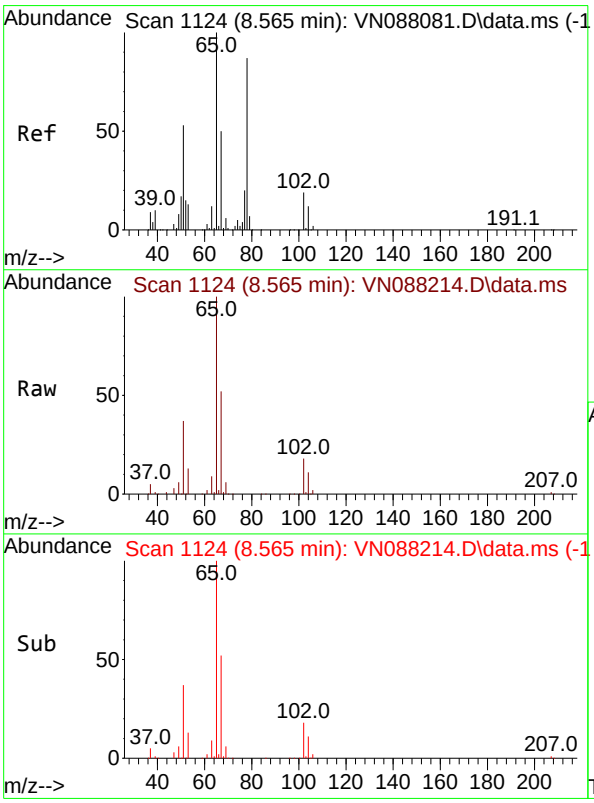
#30
Chloroform
Concen: 13.346 ug/l
RT: 7.947 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion: 83 Resp: 75071

Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.7	76.1

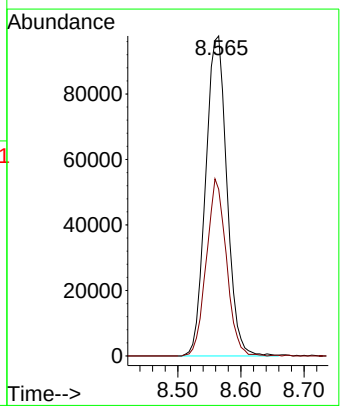


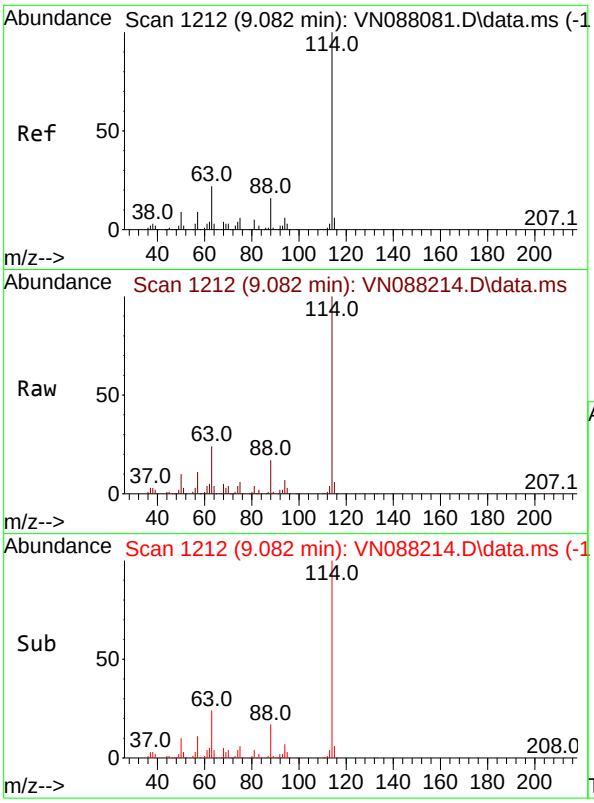


#33
1,2-Dichloroethane-d4
Concen: 60.205 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Tgt Ion: 65 Resp: 228398

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.0



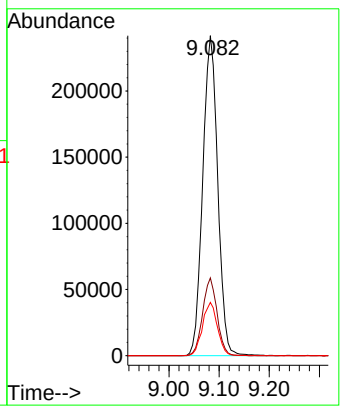


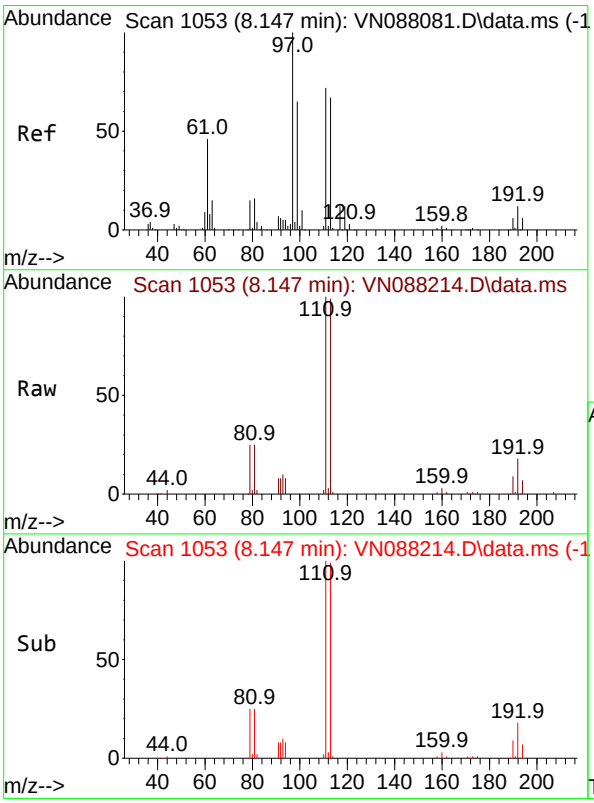
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion:114 Resp: 502558

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	45.2
88	16.6	0.0	33.4

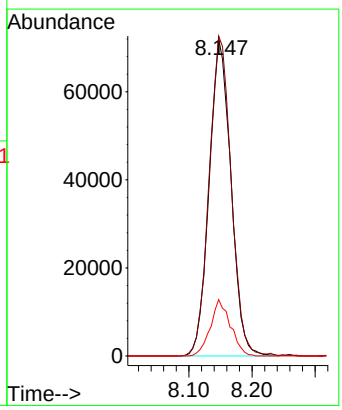


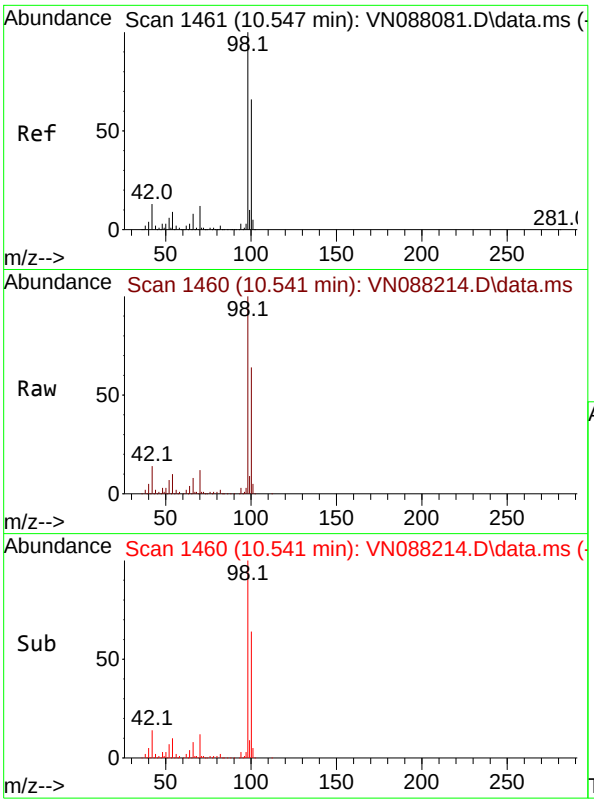


#35
Dibromofluoromethane
Concen: 51.002 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Tgt Ion:113 Resp: 172195

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	16.4	12.8	19.2



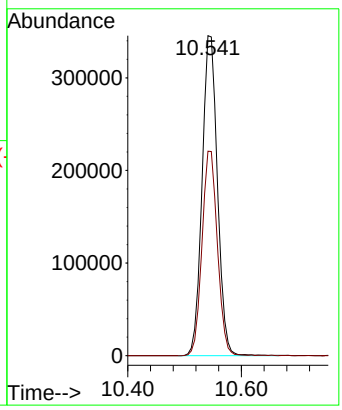


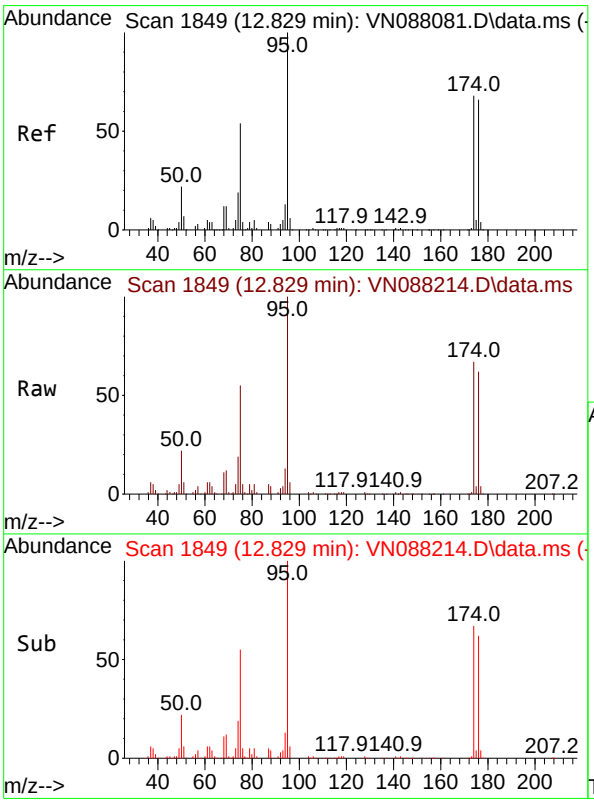
#50
Toluene-d8
Concen: 49.738 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion: 98 Resp: 647041

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2

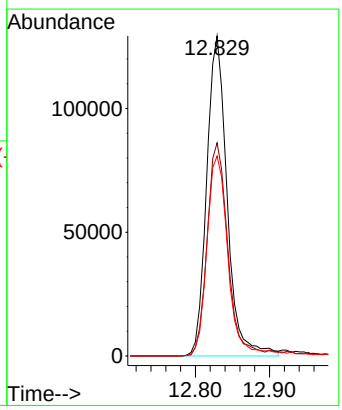


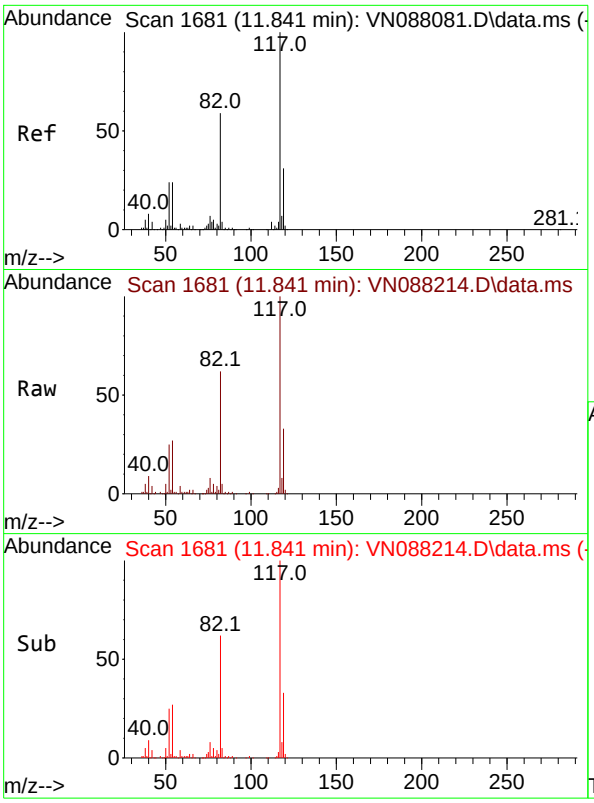


#62
4-Bromofluorobenzene
Concen: 53.827 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Tgt Ion: 95 Resp: 247299

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	138.4
176	65.8	0.0	132.6



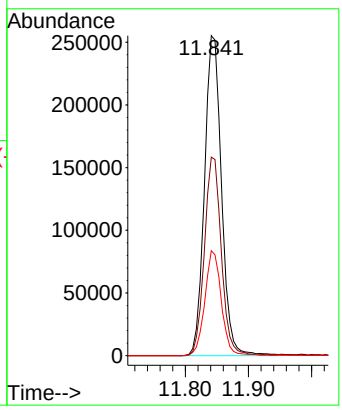


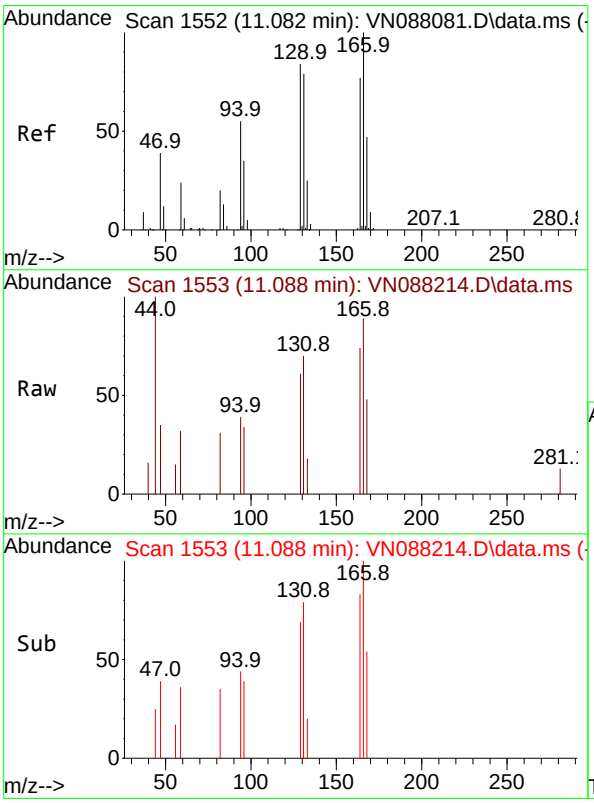
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion:117 Resp: 478183

Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	32.8	24.3	36.5

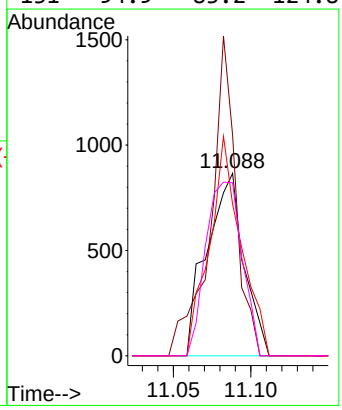


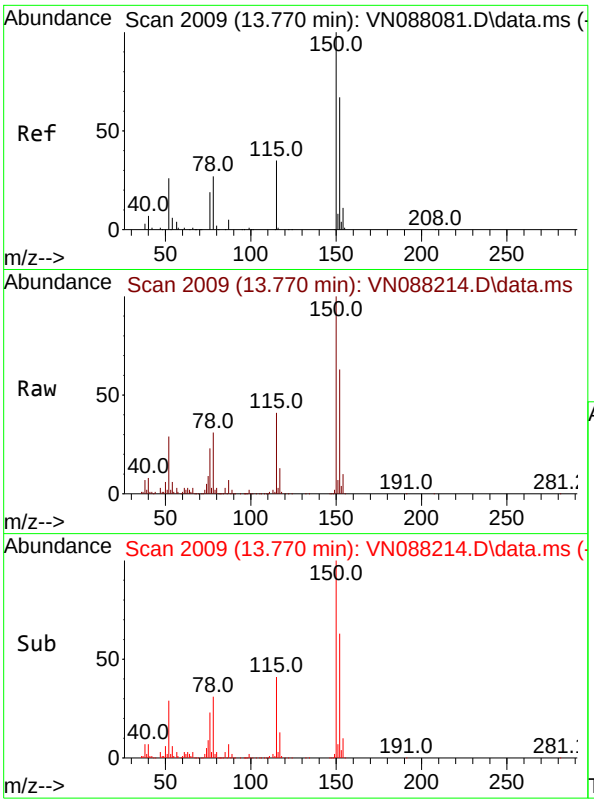


#64
Tetrachloroethene
Concen: 0.456 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Tgt Ion:164 Resp: 1438

Ion	Ratio	Lower	Upper
164	100		
166	120.9	97.7	146.5
129	83.0	85.9	128.9#
131	94.9	83.2	124.8



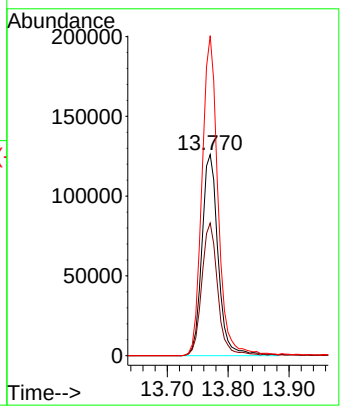


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088214.D
Acq: 06 Nov 2025 17:56

Instrument :
MSVOA_N
ClientSampleId :
SY-10I

Tgt Ion:152 Resp: 233723

Ion	Ratio	Lower	Upper
152	100		
115	64.8	32.3	96.8
150	156.7	0.0	351.0



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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-12I	SDG No.:	Q3560
Lab Sample ID:	Q3560-07	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 18:16	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 18:16	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 18:16	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 18:16	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 18:16	VN110625
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/06/25 18:16	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 18:16	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 18:16	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 18:16	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 18:16	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
156-59-2	cis-1,2-Dichloroethene	4.20		1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 18:16	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 18:16	VN110625
71-43-2	Benzene	0.45	J	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 18:16	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 18:16	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 18:16	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 18:16	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 18:16	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 18:16	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 18:16	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 18:16	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
127-18-4	Tetrachloroethene	1.00		1	0.23	1.00	ug/L	11/06/25 18:16	VN110625
108-90-7	Chlorobenzene	14.0		1	0.12	1.00	ug/L	11/06/25 18:16	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 18:16	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 18:16	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 18:16	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 18:16	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 18:16	VN110625
106-46-7	1,4-Dichlorobenzene	5.20		1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
95-50-1	1,2-Dichlorobenzene	2.90		1	0.16	1.00	ug/L	11/06/25 18:16	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 18:16	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 18:16	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 18:16	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.5			74 - 125	125%	SPK: 50		

Raw Data: **VN088215.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-12I	SDG No.:	Q3560
Lab Sample ID:	Q3560-07	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	276000							
540-36-3	1,4-Difluorobenzene	629000							
3114-55-4	Chlorobenzene-d5	619000							
3855-82-1	1,4-Dichlorobenzene-d4	309000							

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\VN110625\
Data File : VN088215.D
Acq On : 06 Nov 2025 18:16
Operator : JC\MD
Sample : Q3560-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Quant Time: Nov 07 02:24:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

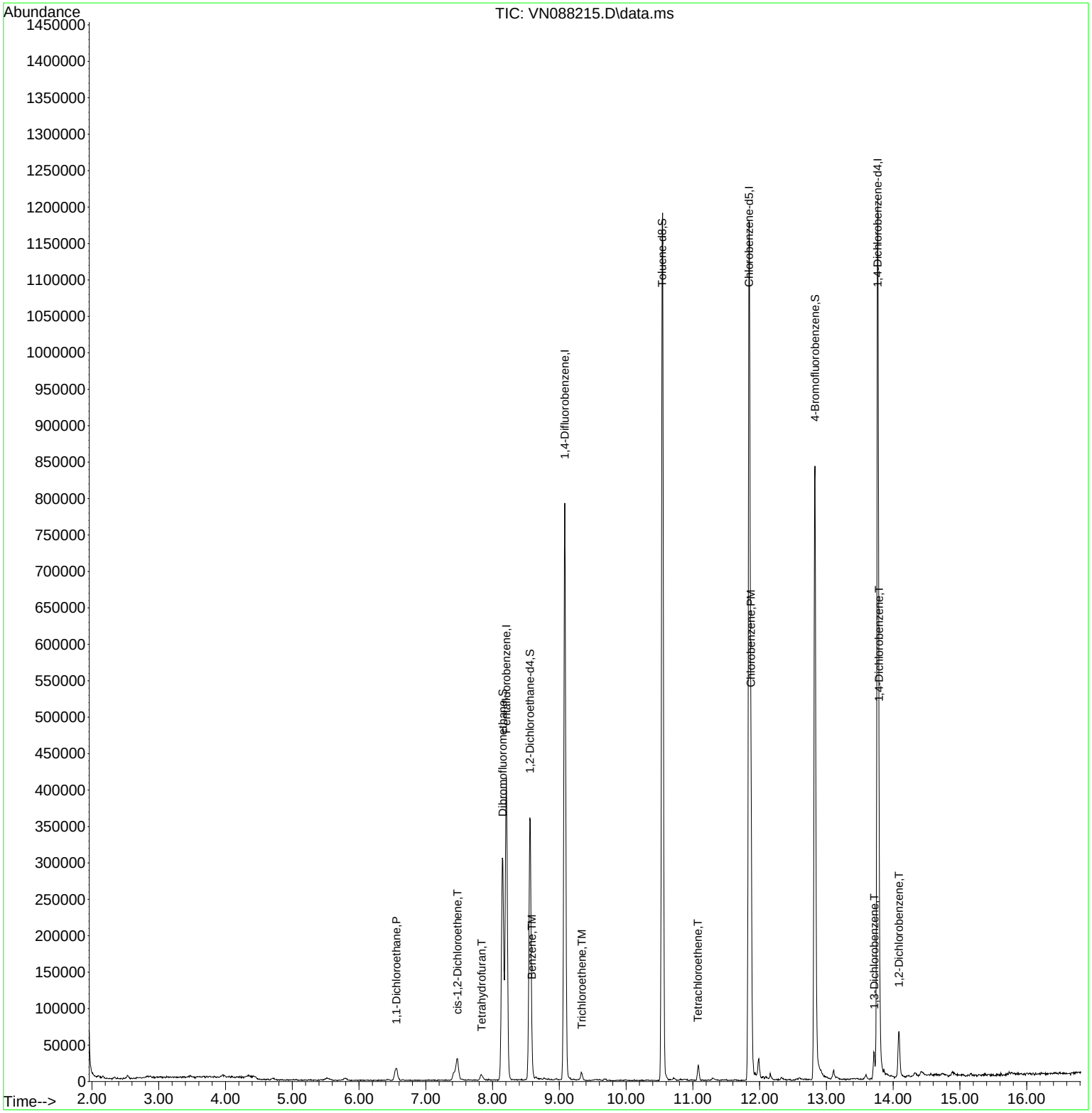
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	275832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	628960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	619366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	309131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	298179	62.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.040%#			
35) Dibromofluoromethane	8.153	113	220527	52.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	10.541	98	816005	50.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.829	95	324174	56.379	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.760%			
Target Compounds						Qvalue
24) 1,1-Dichloroethane	6.559	63	26395	3.729	ug/l	94
27) cis-1,2-Dichloroethene	7.477	96	18238	4.163	ug/l	86
29) Tetrahydrofuran	7.835	42	6918	3.362	ug/l #	80
40) Benzene	8.588	78	8401	0.447	ug/l #	78
44) Trichloroethene	9.335	130	3214	0.732	ug/l	91
64) Tetrachloroethene	11.076	164	4141	1.014	ug/l #	85
65) Chlorobenzene	11.870	112	196428	13.967	ug/l	95
87) 1,3-Dichlorobenzene	13.717	146	14671	1.429	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	56877	5.160	ug/l	91
91) 1,2-Dichlorobenzene	14.088	146	28346	2.865	ug/l	97

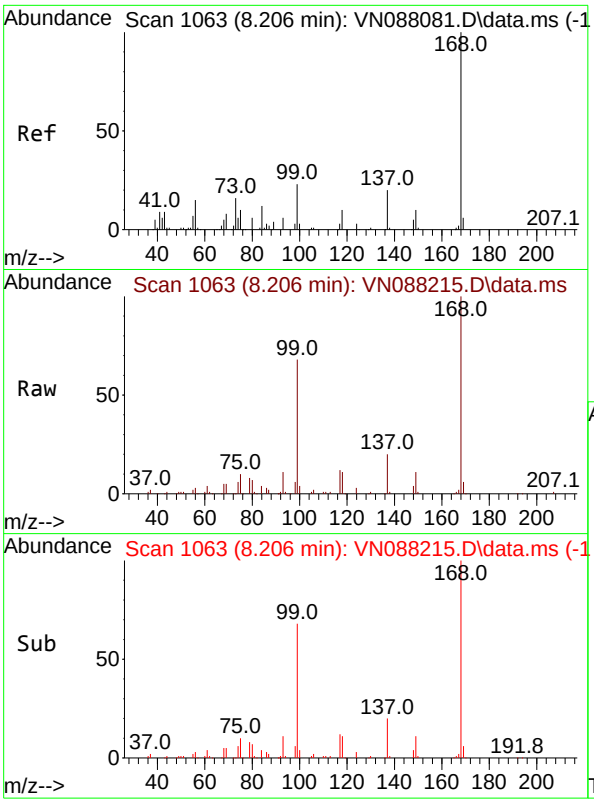
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088215.D
Acq On : 06 Nov 2025 18:16
Operator : JC\MD
Sample : Q3560-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Quant Time: Nov 07 02:24:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



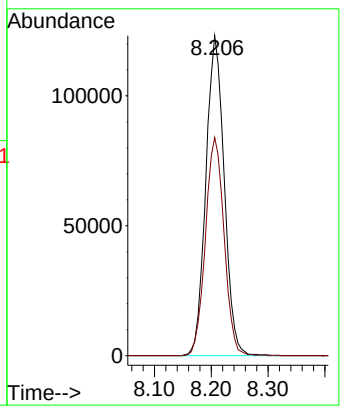


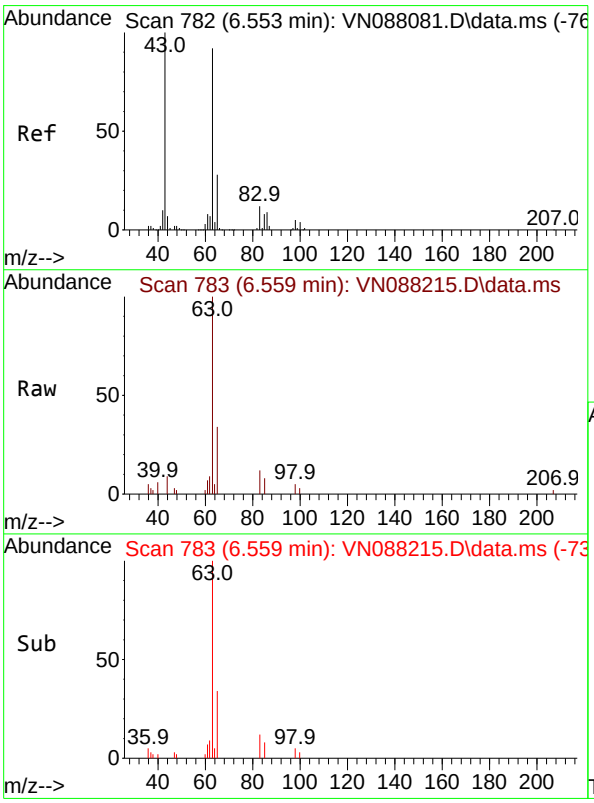
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:168 Resp: 275832

Ion	Ratio	Lower	Upper
168	100		
99	68.2	57.2	85.8

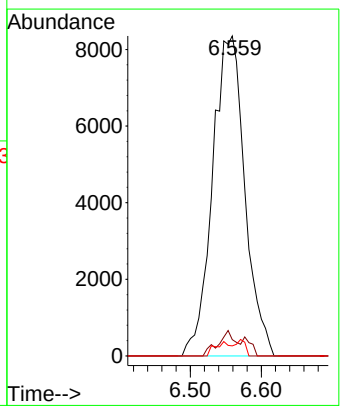


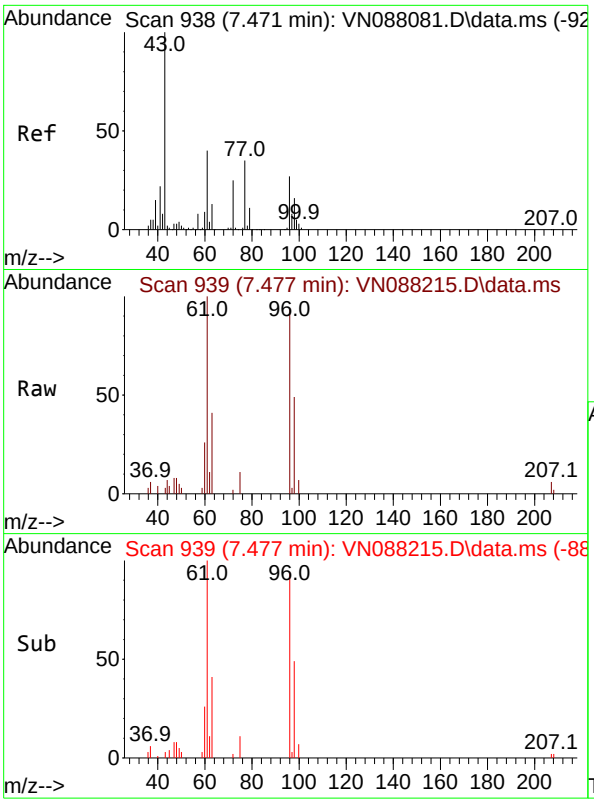


#24
1,1-Dichloroethane
Concen: 3.729 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.012 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion: 63 Resp: 26395

Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.8	11.4
100	3.1	2.0	6.0



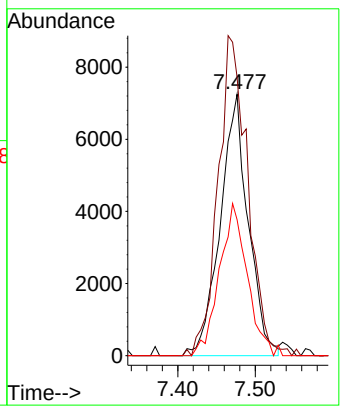


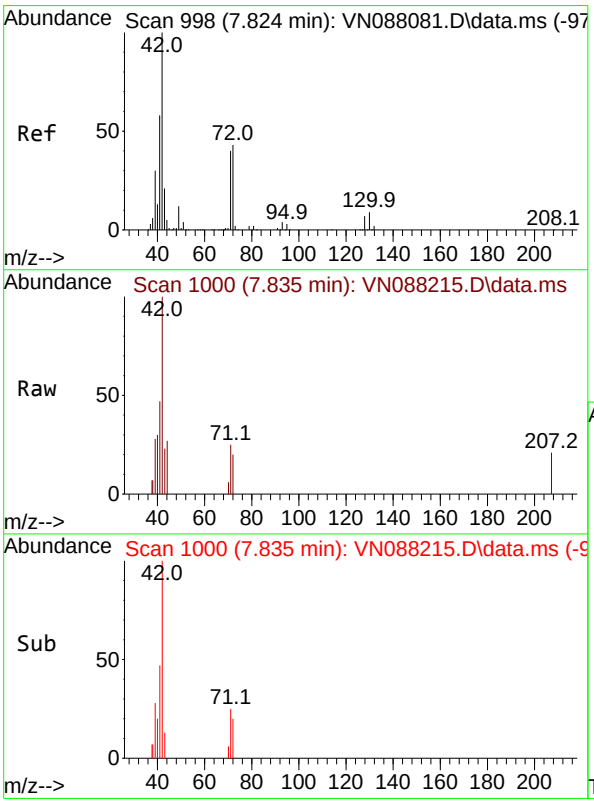
#27
cis-1,2-Dichloroethene
Concen: 4.163 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion: 96 Resp: 18238

Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	301.8
98	58.0	0.0	126.2

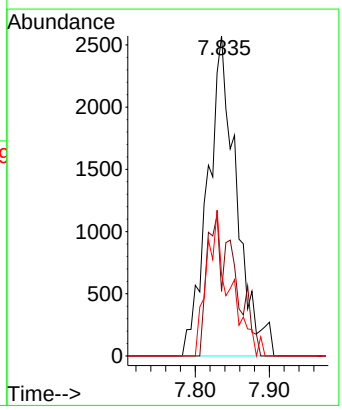


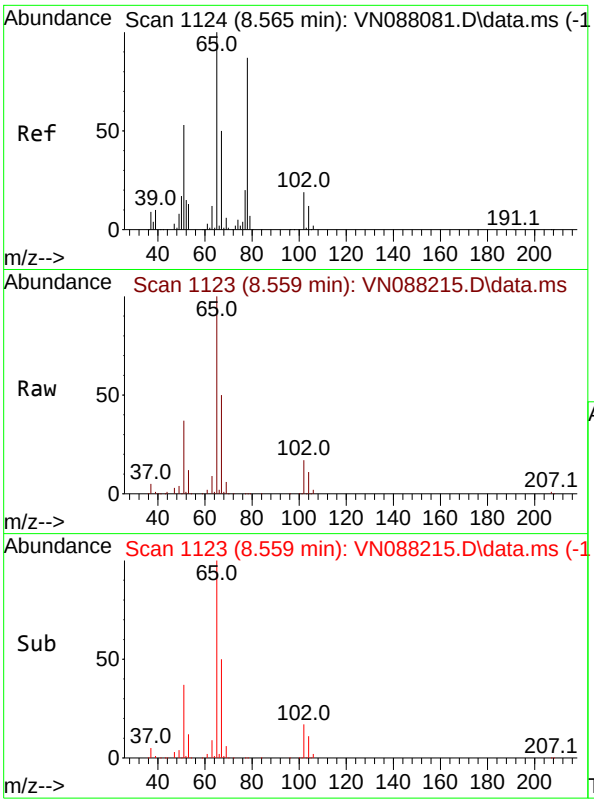


#29
Tetrahydrofuran
Concen: 3.362 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion: 42 Resp: 6918

Ion	Ratio	Lower	Upper
42	100		
72	20.9	33.7	50.5#
71	36.6	31.9	47.9



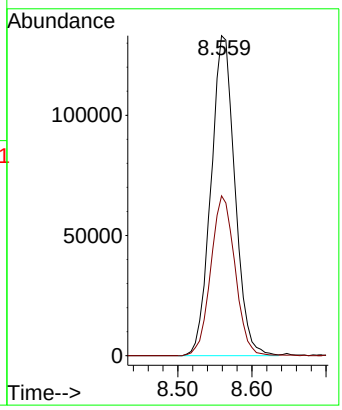


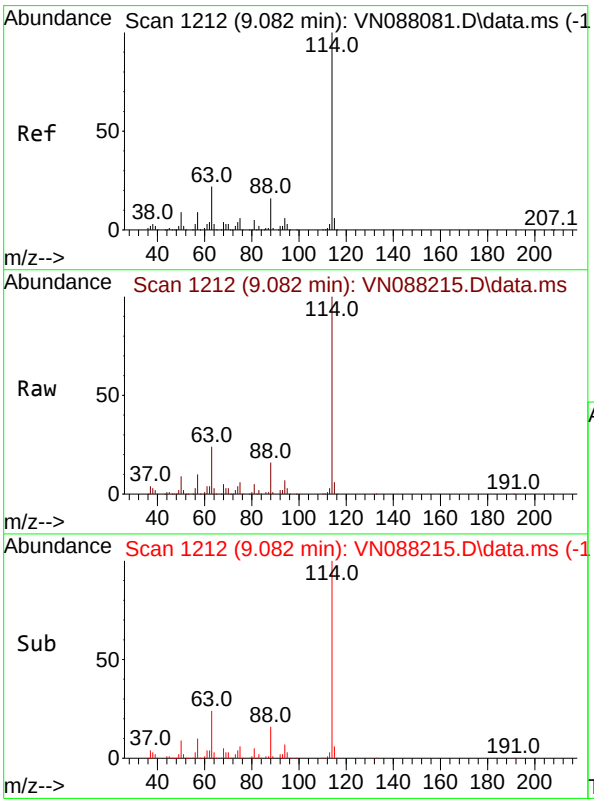
#33
1,2-Dichloroethane-d4
Concen: 62.515 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion: 65 Resp: 298179

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.0

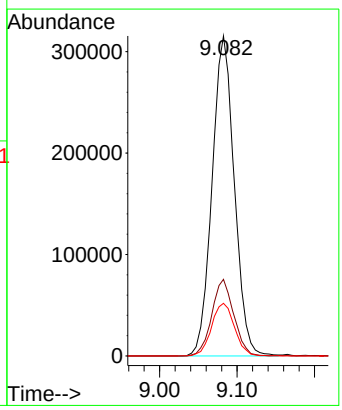


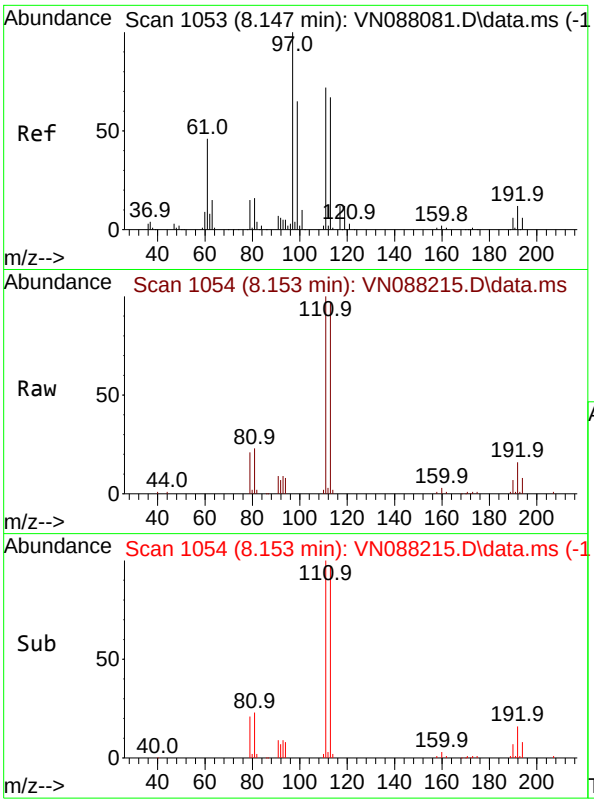


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion:114 Resp: 628960

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	45.2
88	16.5	0.0	33.4



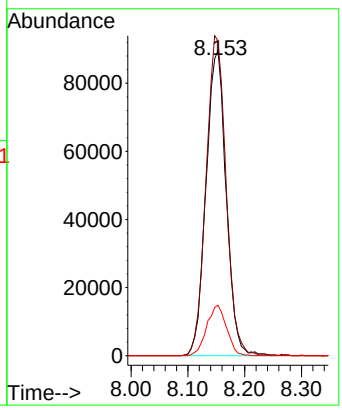


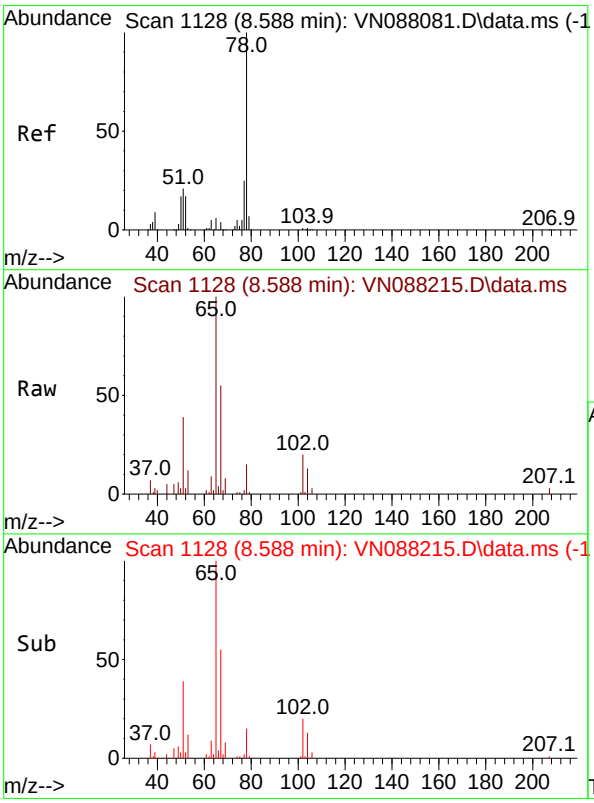
#35
Dibromofluoromethane
Concen: 52.191 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:113 Resp: 220527

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	16.2	12.8	19.2

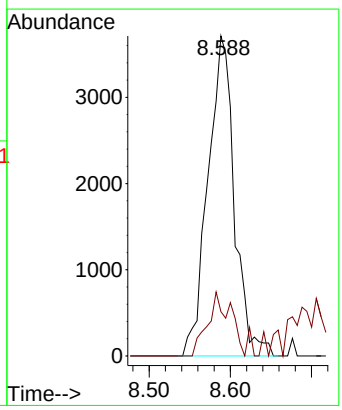


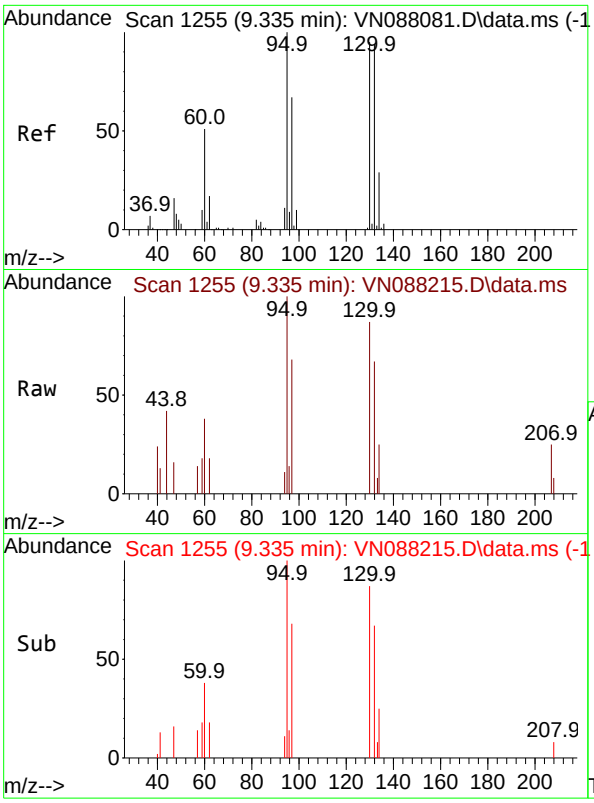


#40
Benzene
Concen: 0.447 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion: 78 Resp: 8401

Ion	Ratio	Lower	Upper
78	100		
77	13.9	19.7	29.5#



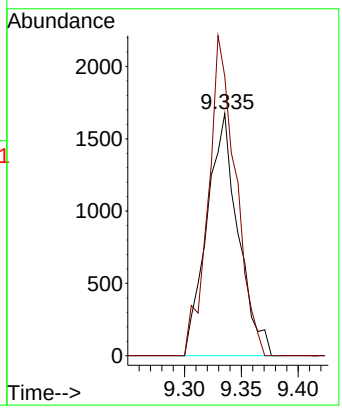


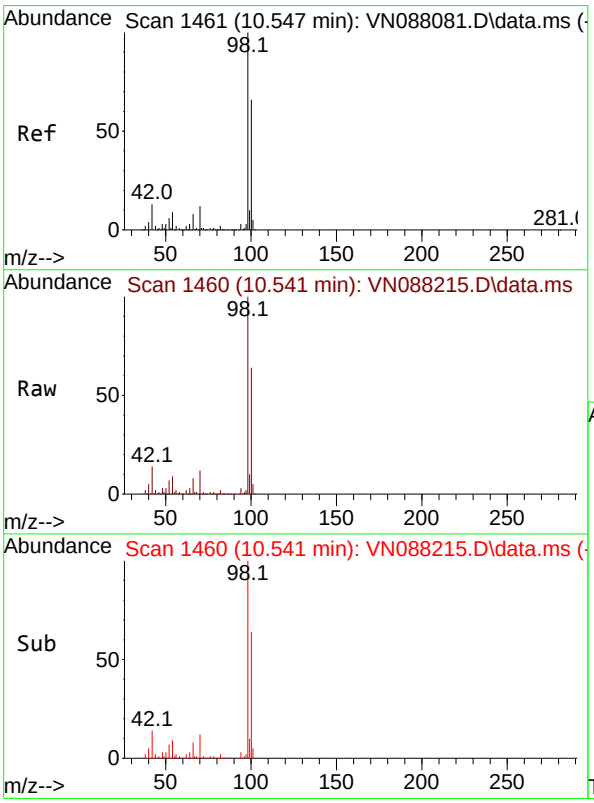
#44
Trichloroethene
Concen: 0.732 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:130 Resp: 3214

Ion	Ratio	Lower	Upper
130	100		
95	115.4	0.0	212.0

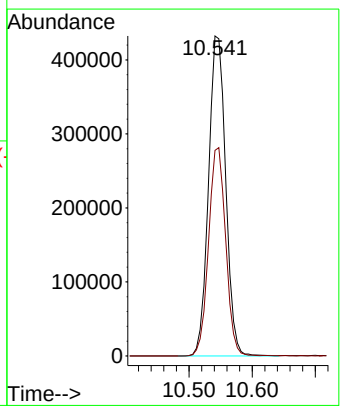


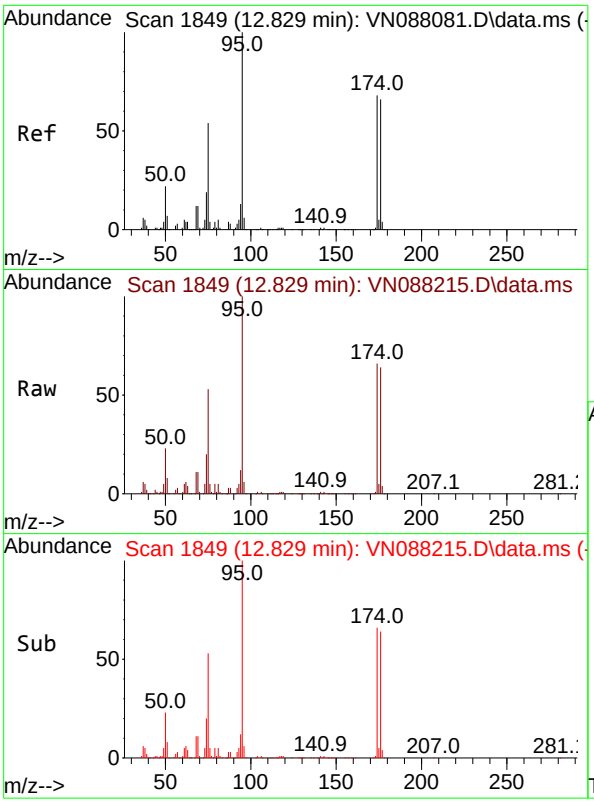


#50
Toluene-d8
Concen: 50.120 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion: 98 Resp: 816005

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2



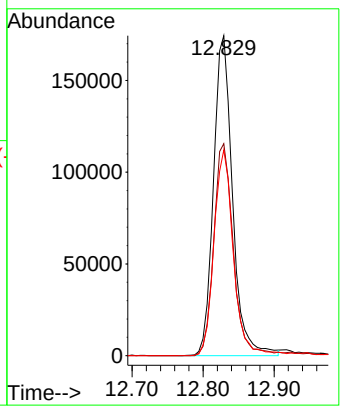


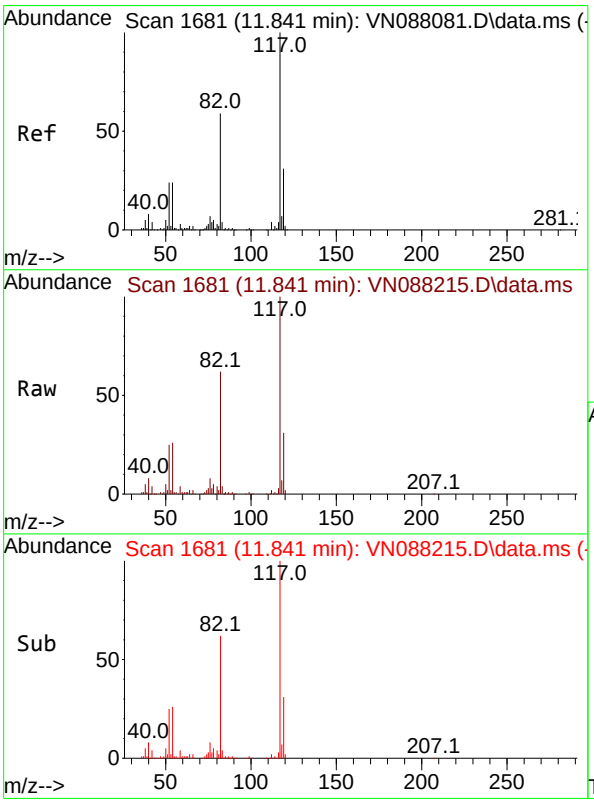
#62
4-Bromofluorobenzene
Concen: 56.379 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion: 95 Resp: 324174

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	138.4
176	65.5	0.0	132.6

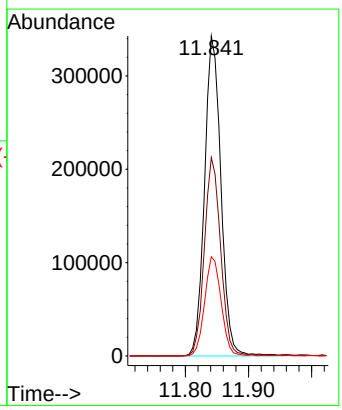


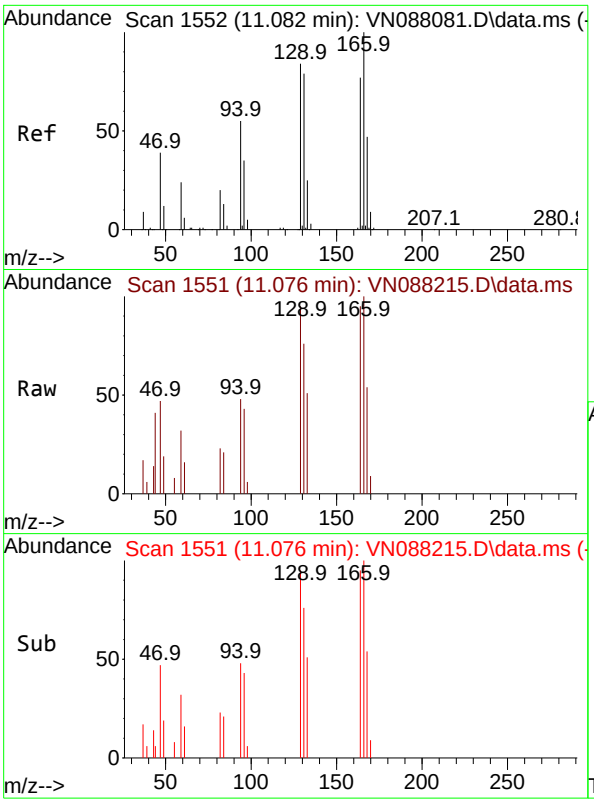


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion:117 Resp: 619366

Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	31.0	24.3	36.5



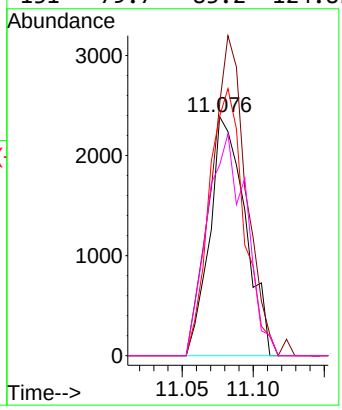


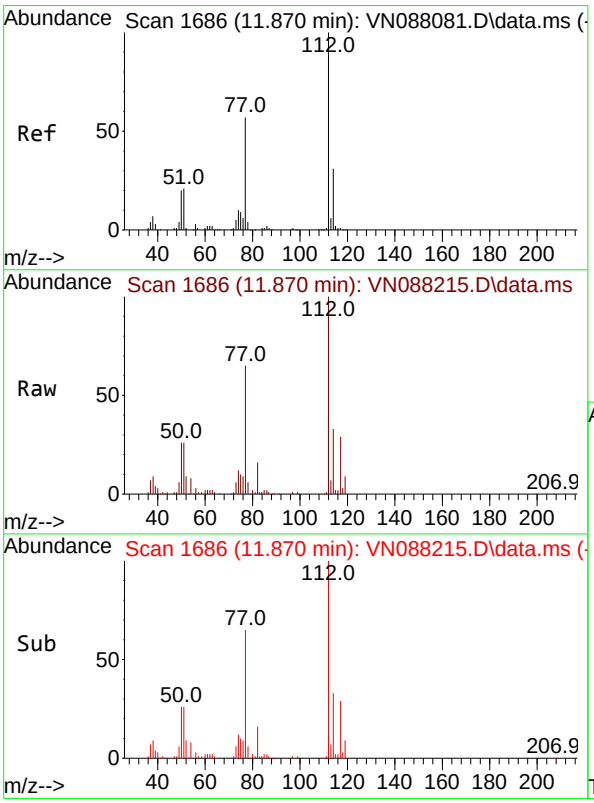
#64
Tetrachloroethene
Concen: 1.014 ug/l
RT: 11.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:164 Resp: 4141

Ion	Ratio	Lower	Upper
164	100		
166	105.3	97.7	146.5
129	100.1	85.9	128.9
131	79.7	83.2	124.8#

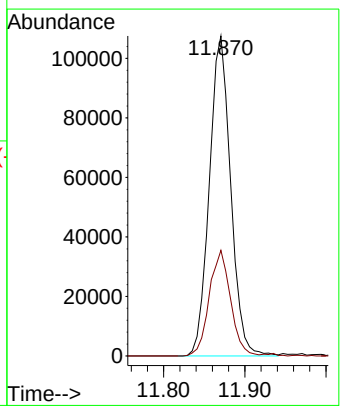


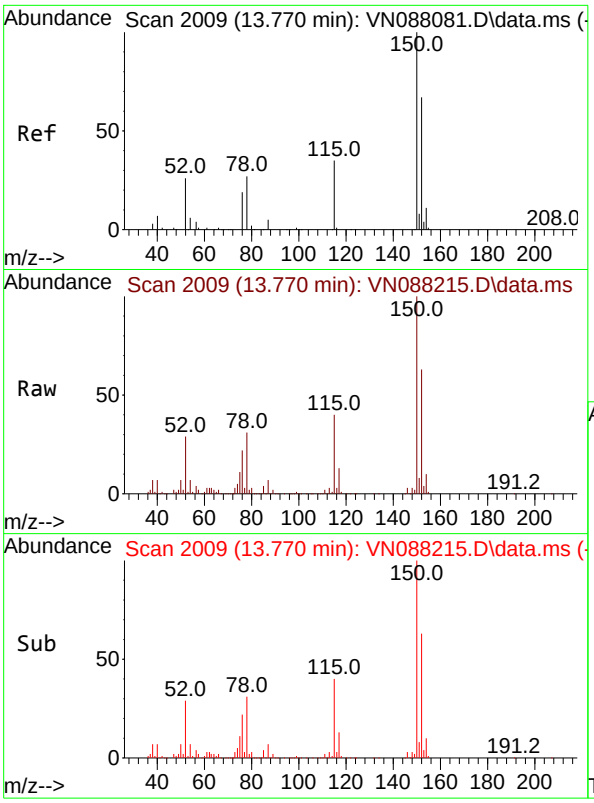


#65
Chlorobenzene
Concen: 13.967 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion:112 Resp: 196428

Ion	Ratio	Lower	Upper
112	100		
114	33.0	24.3	36.5



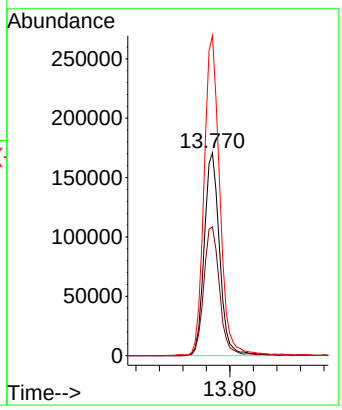


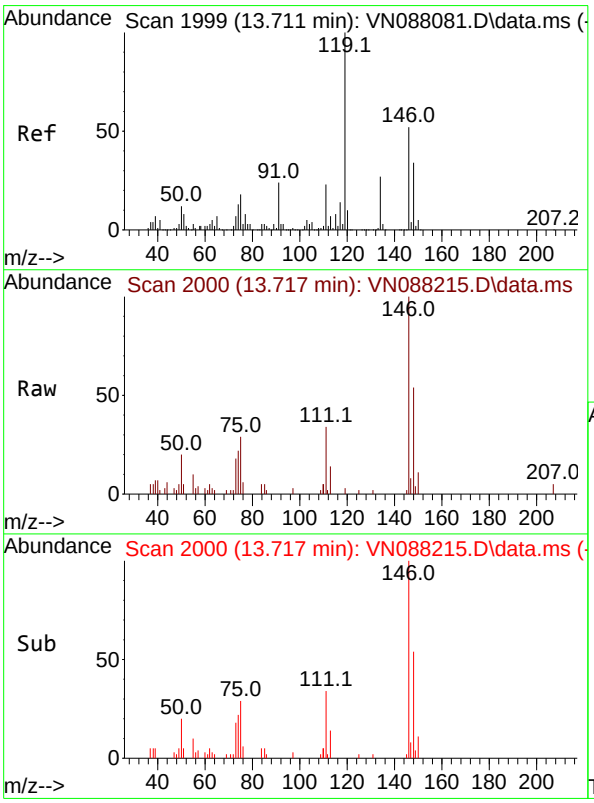
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:152 Resp: 309131

Ion	Ratio	Lower	Upper
152	100		
115	65.9	32.3	96.8
150	161.3	0.0	351.0

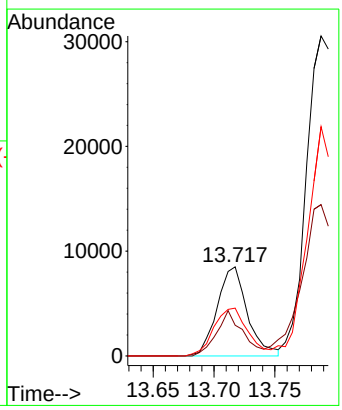


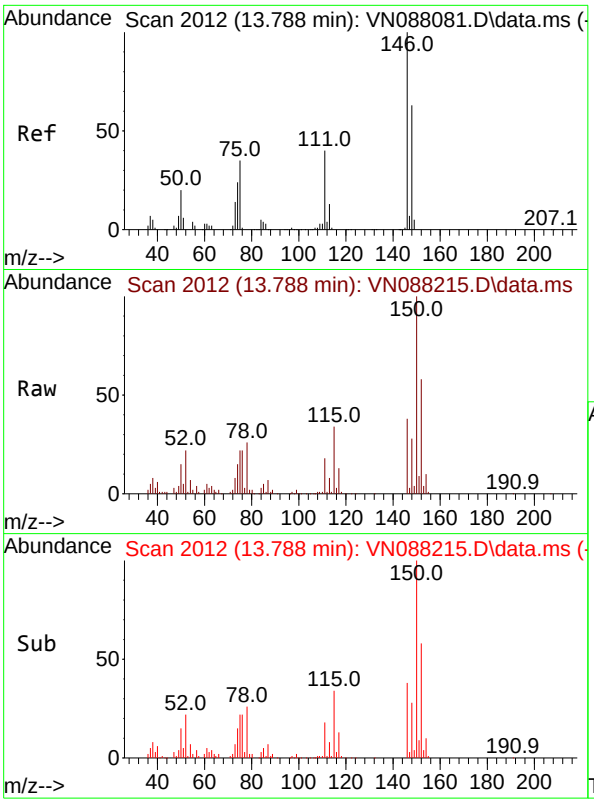


#87
1,3-Dichlorobenzene
Concen: 1.429 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion:146 Resp: 14671

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.5
148	60.8	32.0	96.2



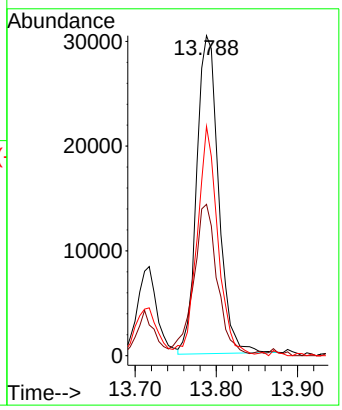


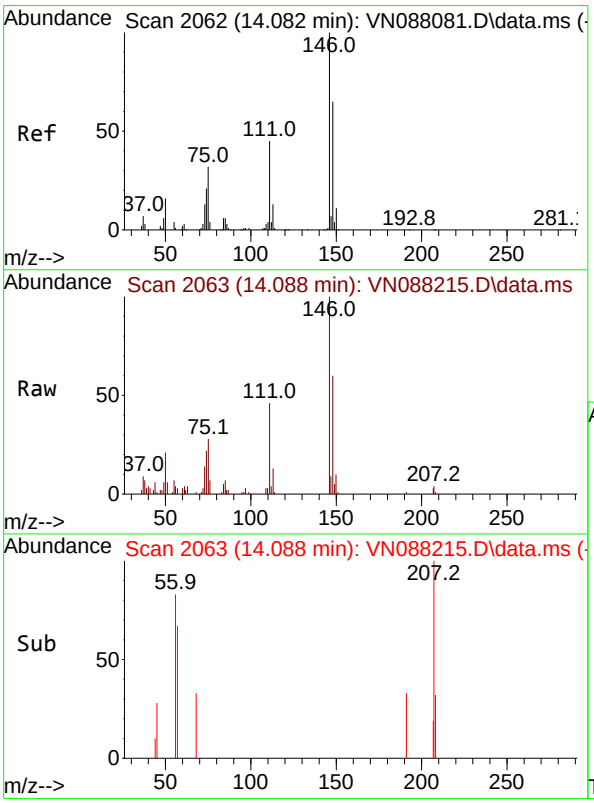
#88
1,4-Dichlorobenzene
Concen: 5.160 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
SY-12I

Tgt Ion:146 Resp: 56877

Ion	Ratio	Lower	Upper
146	100		
111	52.1	21.0	63.0
148	67.2	32.0	96.0

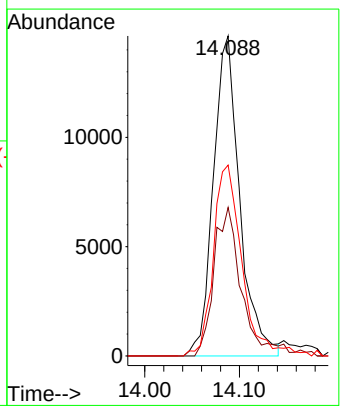




#91
1,2-Dichlorobenzene
Concen: 2.865 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088215.D
Acq: 06 Nov 2025 18:16

Tgt Ion:146 Resp: 28346

Ion	Ratio	Lower	Upper
146	100		
111	48.6	22.6	67.8
148	64.7	31.9	95.9



Raw Data: **VN088231.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-12D	SDG No.:	Q3560
Lab Sample ID:	Q3560-09	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	1.20		1	0.26	1.00	ug/L	11/07/25 14:12	VN110725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/07/25 14:12	VN110725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/07/25 14:12	VN110725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 14:12	VN110725
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/07/25 14:12	VN110725
67-64-1	Acetone	3.50	J	1	1.50	5.00	ug/L	11/07/25 14:12	VN110725
75-15-0	Carbon Disulfide	1.30		1	0.21	1.00	ug/L	11/07/25 14:12	VN110725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/07/25 14:12	VN110725
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/07/25 14:12	VN110725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/07/25 14:12	VN110725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
156-59-2	cis-1,2-Dichloroethene	6.00		1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 14:12	VN110725
67-66-3	Chloroform	0.54	J	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/07/25 14:12	VN110725
71-43-2	Benzene	0.22	J	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/07/25 14:12	VN110725
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 14:12	VN110725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/07/25 14:12	VN110725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/07/25 14:12	VN110725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/07/25 14:12	VN110725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/07/25 14:12	VN110725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/07/25 14:12	VN110725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/07/25 14:12	VN110725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
127-18-4	Tetrachloroethene	0.86	J	1	0.23	1.00	ug/L	11/07/25 14:12	VN110725
108-90-7	Chlorobenzene	20.2		1	0.12	1.00	ug/L	11/07/25 14:12	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/07/25 14:12	VN110725
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/07/25 14:12	VN110725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/07/25 14:12	VN110725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/07/25 14:12	VN110725
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/07/25 14:12	VN110725
106-46-7	1,4-Dichlorobenzene	6.80		1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
95-50-1	1,2-Dichlorobenzene	4.80		1	0.16	1.00	ug/L	11/07/25 14:12	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/07/25 14:12	VN110725
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/07/25 14:12	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/07/25 14:12	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.0			74 - 125	120%	SPK: 50		

Raw Data: **VN088231.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	11/05/25
Project:	Syosset Landfill 2025			Date Received:	11/06/25
Client Sample ID:	SY-12D			SDG No.:	Q3560
Lab Sample ID:	Q3560-09			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	52.1			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	49.0			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.4			77 - 121	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	211000							
540-36-3	1,4-Difluorobenzene	475000							
3114-55-4	Chlorobenzene-d5	456000							
3855-82-1	1,4-Dichlorobenzene-d4	218000							

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

Sample Results: **VN088231.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088231.D
Acq On : 07 Nov 2025 14:12
Operator : JC\MD
Sample : Q3560-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

Quant Time: Nov 08 01:56:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	211115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	474557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	456150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	218223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219049	60.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.000%			
35) Dibromofluoromethane	8.147	113	166028	52.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	10.547	98	602365	49.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.829	95	240435	55.421	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.840%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.536	62	3808	1.247	ug/l	92
16) Acetone	4.430	43	6391m	3.485	ug/l	
17) Carbon Disulfide	4.712	76	10726	1.330	ug/l	97
24) 1,1-Dichloroethane	6.553	63	37284	6.881	ug/l	95
27) cis-1,2-Dichloroethene	7.471	96	20228	6.033	ug/l	89
30) Chloroform	7.953	83	2942	0.544	ug/l	94
40) Benzene	8.594	78	3067	0.216	ug/l #	88
44) Trichloroethene	9.335	130	2913	0.879	ug/l	95
64) Tetrachloroethene	11.082	164	2586	0.859	ug/l #	83
65) Chlorobenzene	11.870	112	208882	20.167	ug/l	96
87) 1,3-Dichlorobenzene	13.711	146	13171	1.818	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	52982	6.808	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	33763	4.834	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088231.D
Acq On : 07 Nov 2025 14:12
Operator : JC\MD
Sample : Q3560-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 01:56:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
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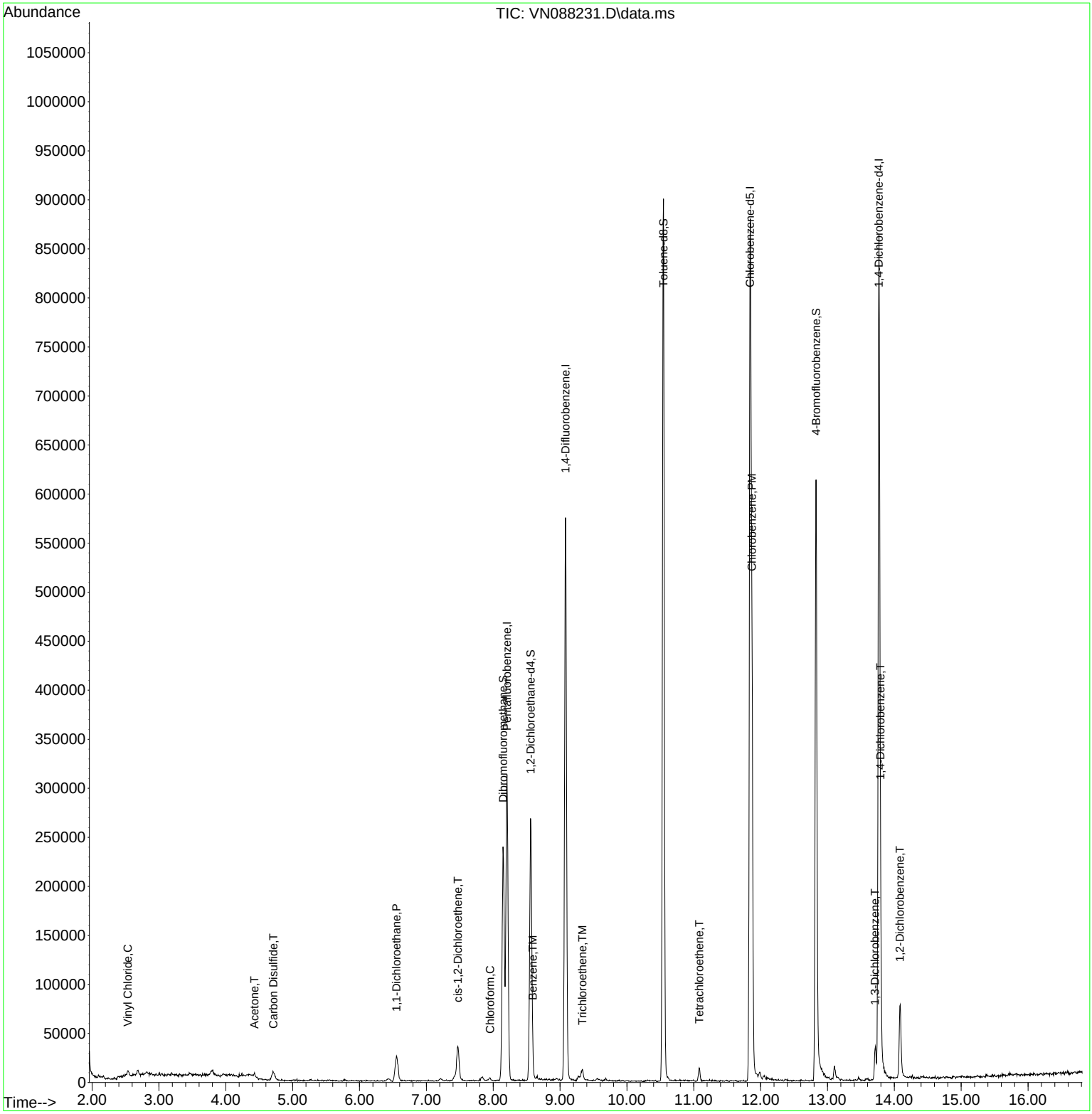
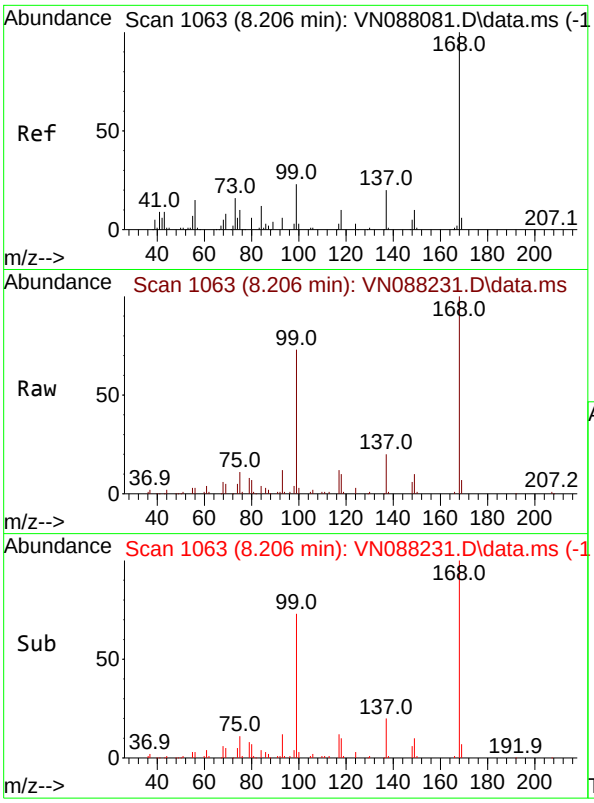
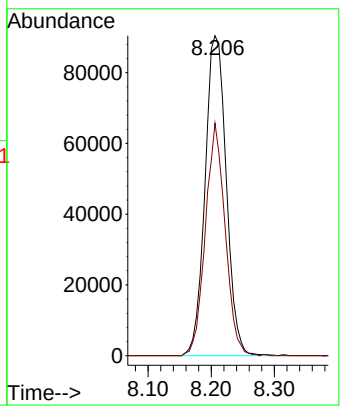




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:168 Resp: 21111

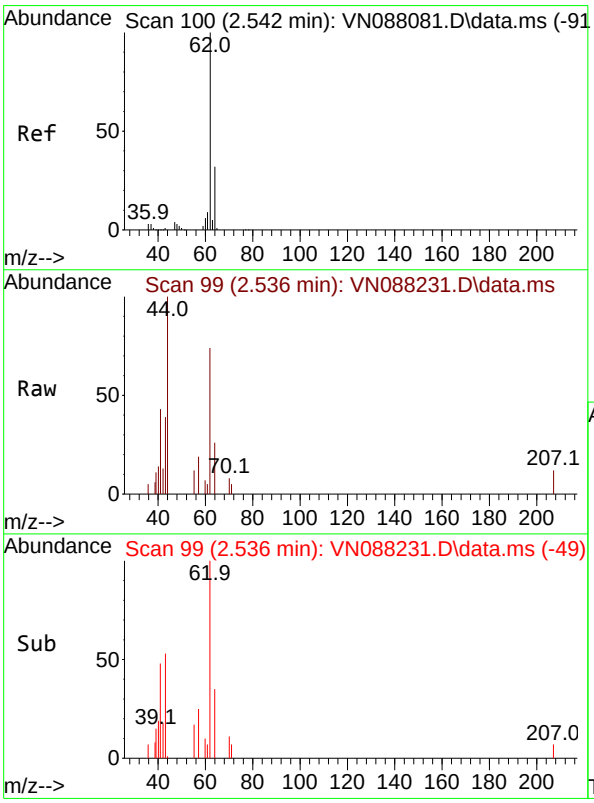
Ion	Ratio	Lower	Upper
168	100		
99	72.7	57.2	85.8



Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

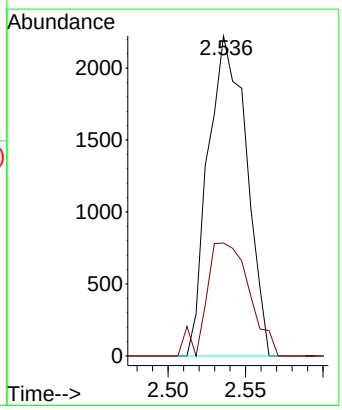
Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

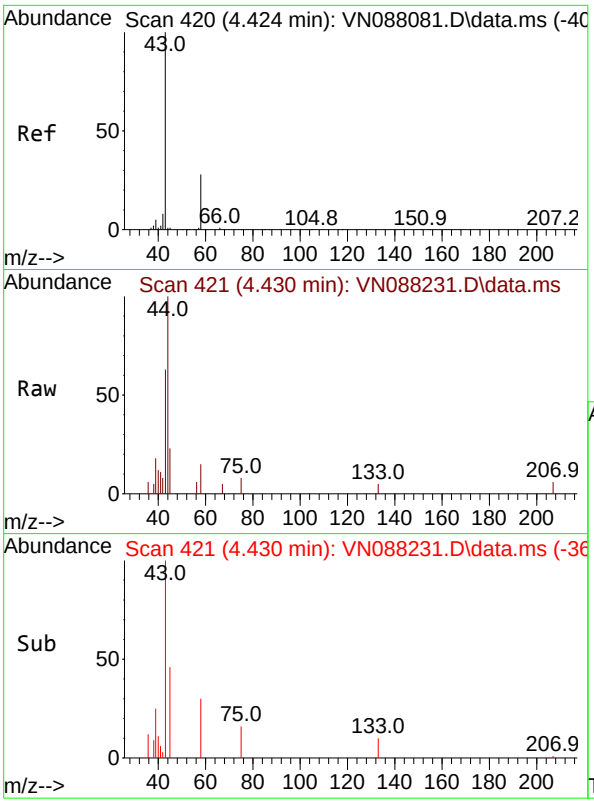


#4
Vinyl Chloride
Concen: 1.247 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 62 Resp: 3808

Ion	Ratio	Lower	Upper
62	100		
64	35.3	24.6	37.0





#16
Acetone
Concen: 3.485 ug/l m
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

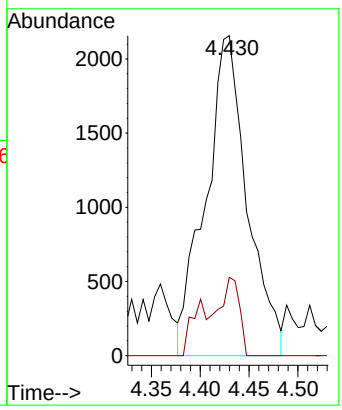
Tgt Ion: 43 Resp: 639

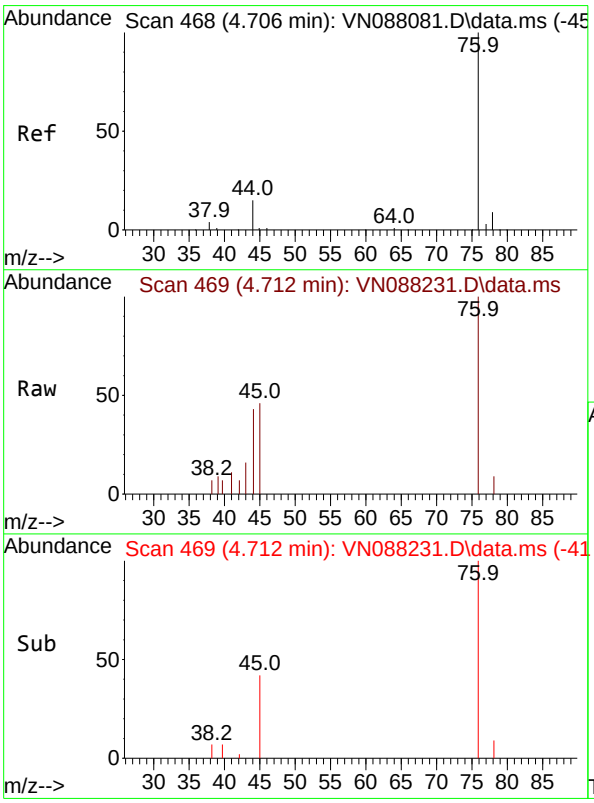
Ion	Ratio	Lower	Upper
43	100		
58	24.5	22.6	33.8

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

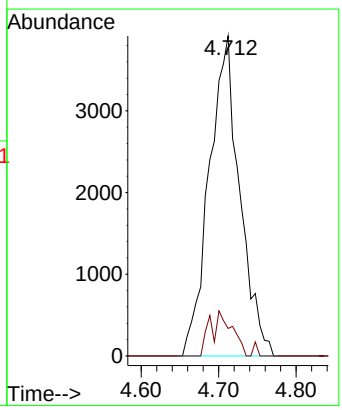


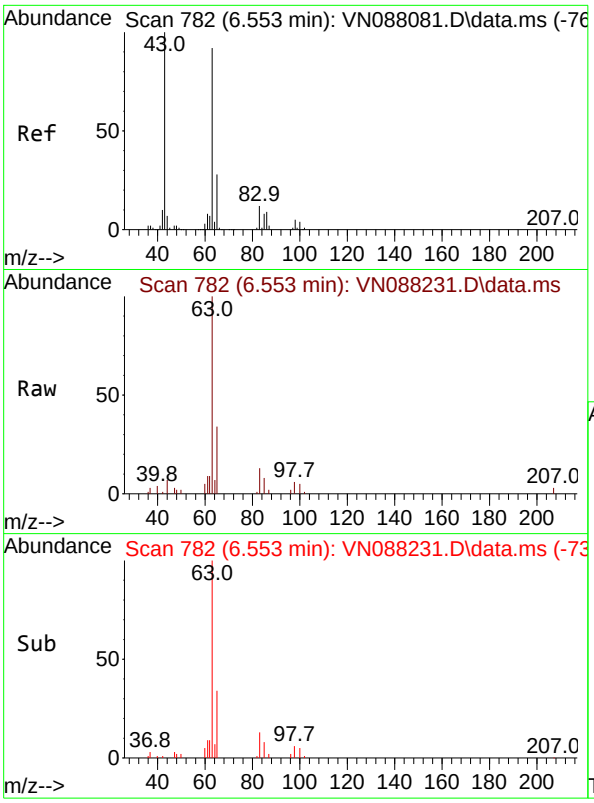


#17
Carbon Disulfide
Concen: 1.330 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 76 Resp: 10726

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4

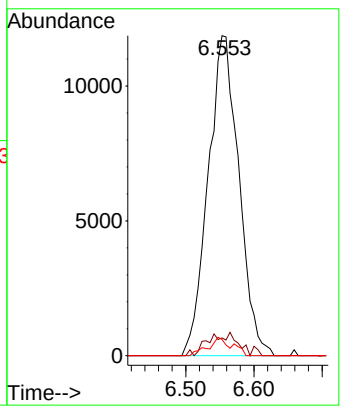




#24
1,1-Dichloroethane
Concen: 6.881 ug/l
RT: 6.553 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 63 Resp: 3728

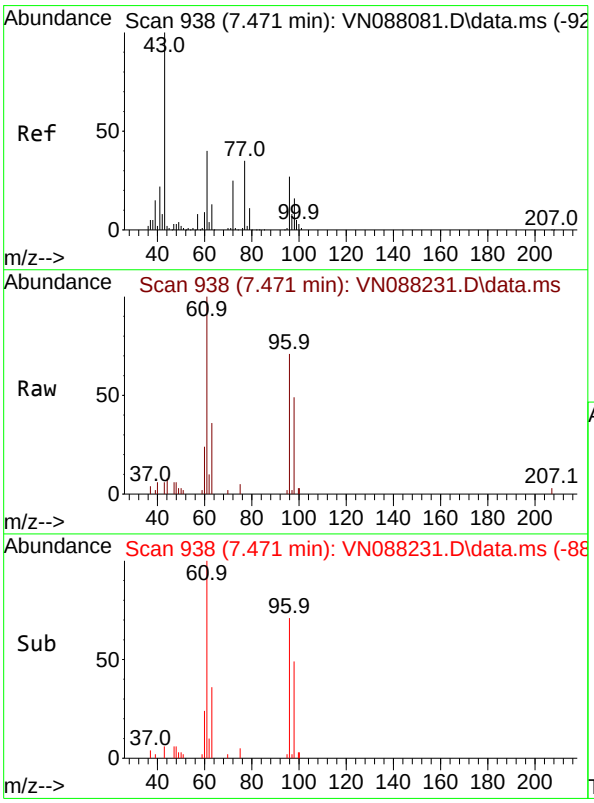
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.8	11.4
100	5.0	2.0	6.0



Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

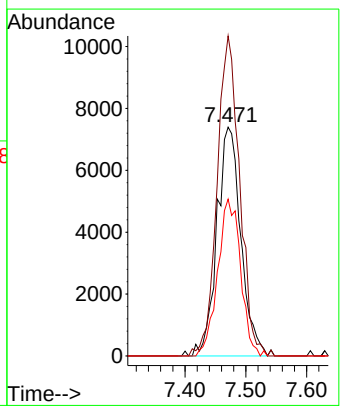
Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

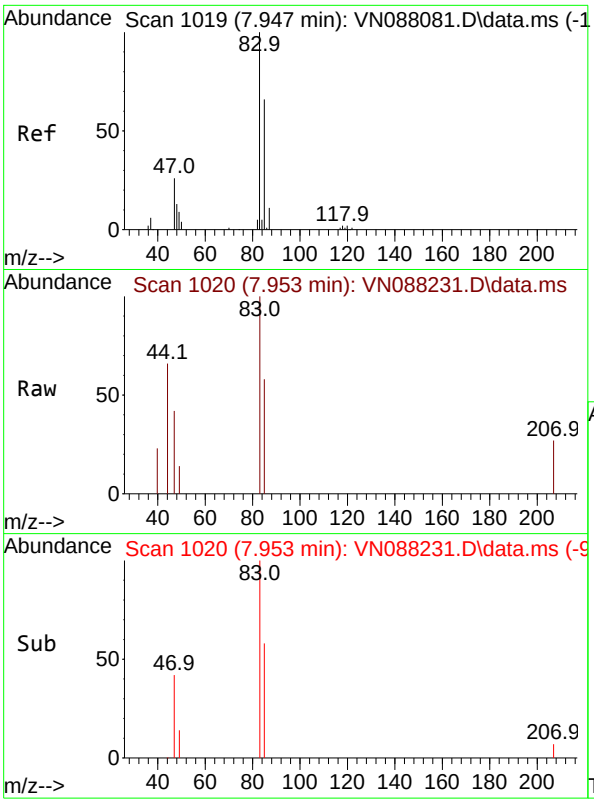


#27
cis-1,2-Dichloroethene
Concen: 6.033 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 96 Resp: 20228

Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	301.8
98	65.3	0.0	126.2





#30
Chloroform
Concen: 0.544 ug/l
RT: 7.953 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

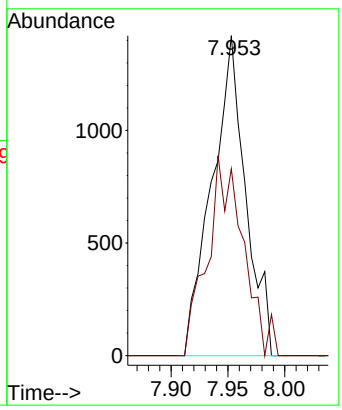
Tgt Ion: 83 Resp: 294

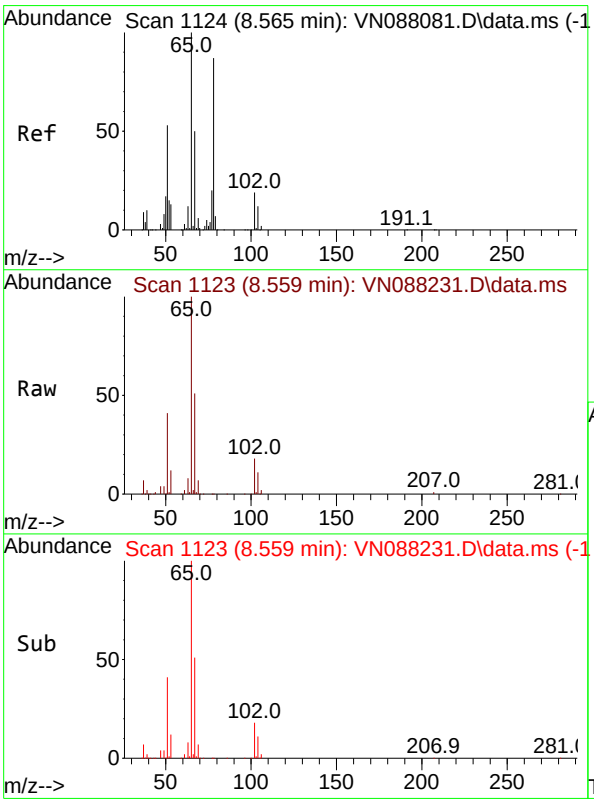
Ion	Ratio	Lower	Upper
83	100		
85	58.4	50.7	76.1

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

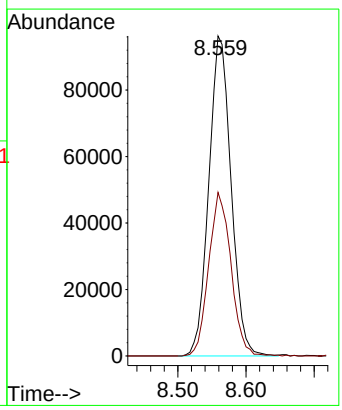


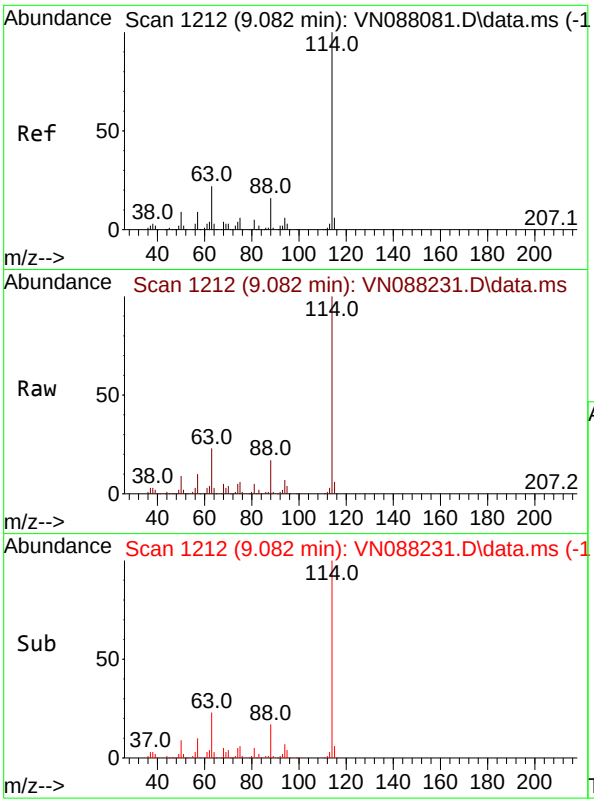


#33
1,2-Dichloroethane-d4
Concen: 60.003 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 65 Resp: 219049

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

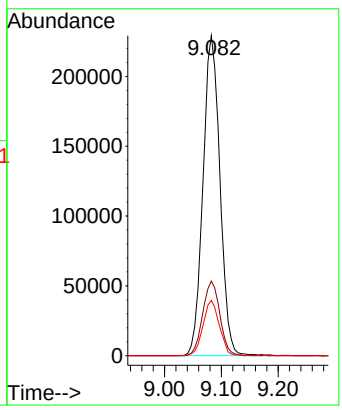
Tgt Ion:114 Resp: 47455

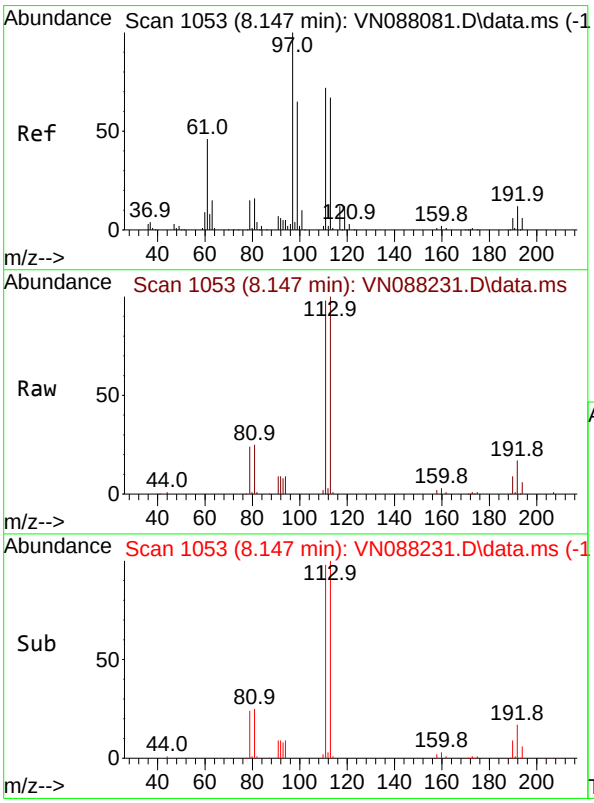
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.2
88	17.3	0.0	33.4

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

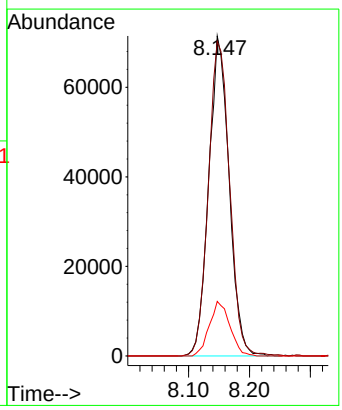


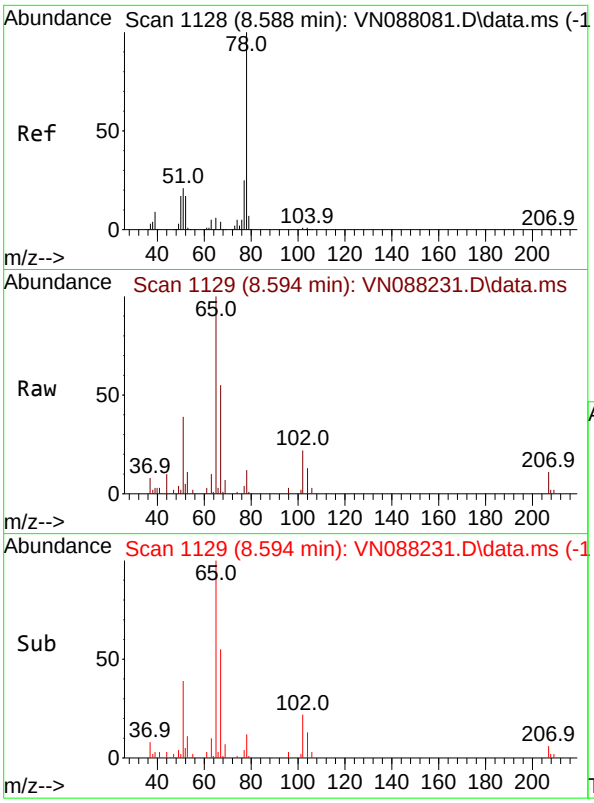


#35
Dibromofluoromethane
Concen: 52.077 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:113 Resp: 166028

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	17.2	12.8	19.2





#40
Benzene
Concen: 0.216 ug/l
RT: 8.594 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

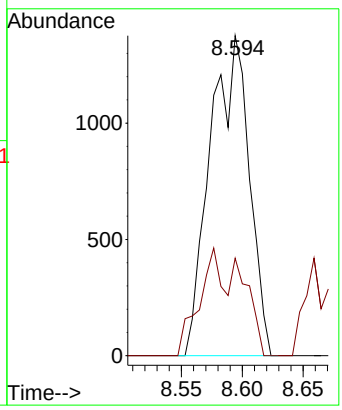
Tgt Ion: 78 Resp: 306

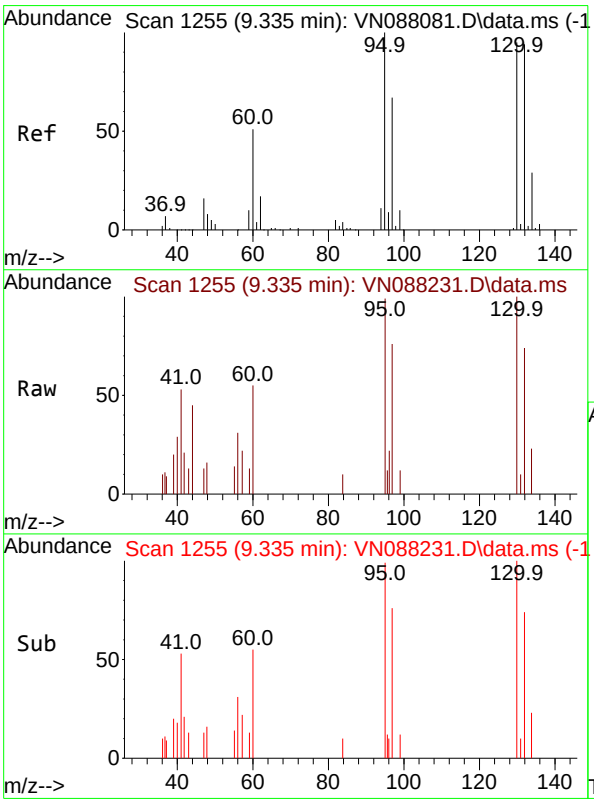
Ion	Ratio	Lower	Upper
78	100		
77	30.5	19.7	29.5#

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

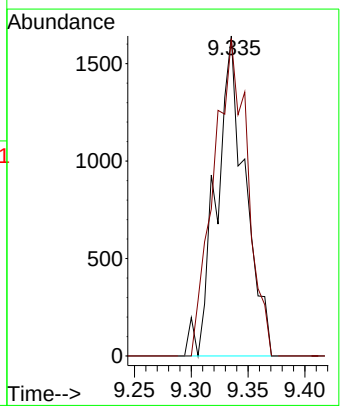


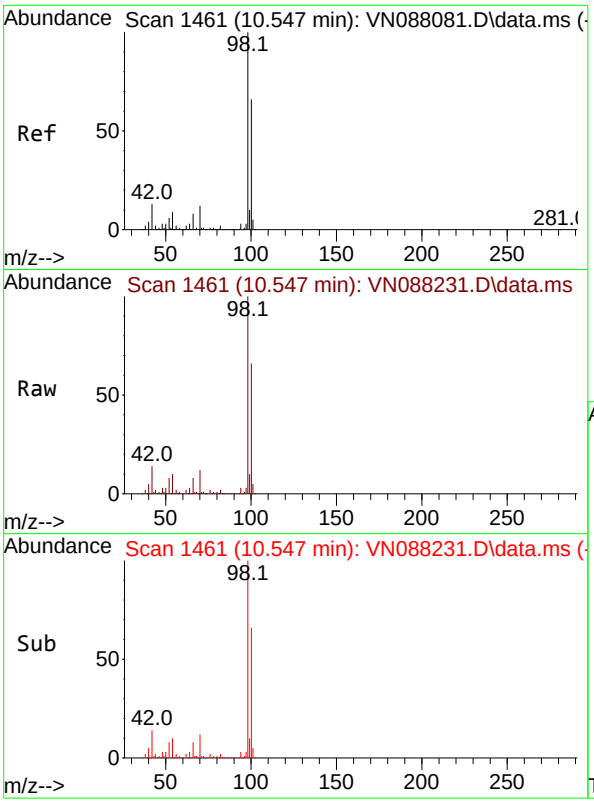


#44
Trichloroethene
Concen: 0.879 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:130 Resp: 2913

Ion	Ratio	Lower	Upper
130	100		
95	110.9	0.0	212.0





#50
Toluene-d8
Concen: 49.035 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

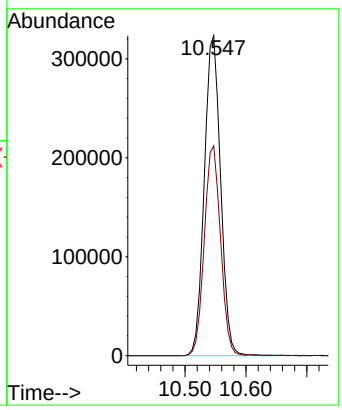
Tgt Ion: 98 Resp: 60236

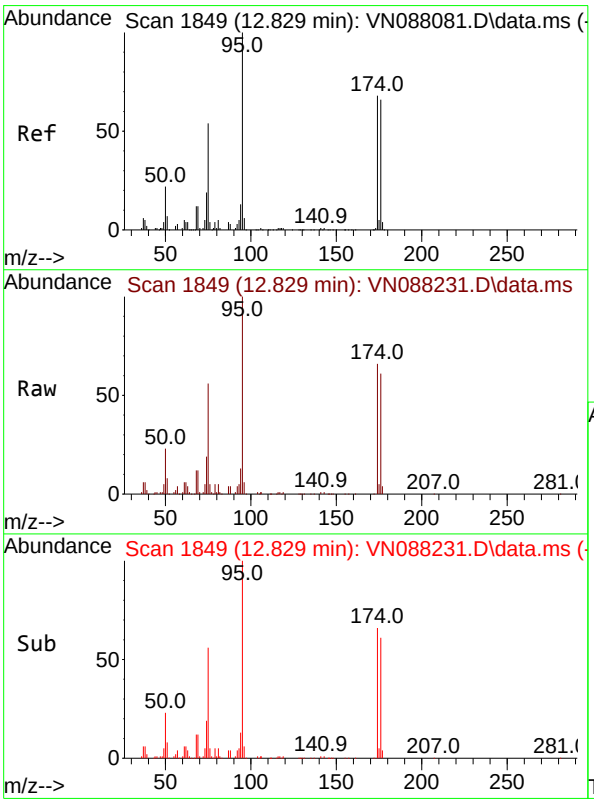
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

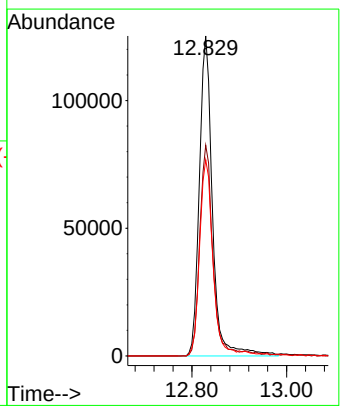


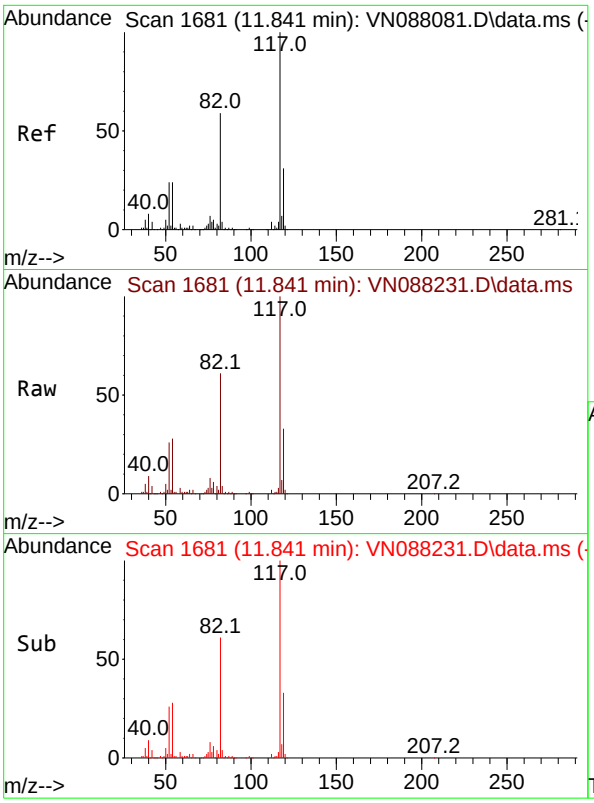


#62
4-Bromofluorobenzene
Concen: 55.421 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 95 Resp: 240435

Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	138.4
176	63.1	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

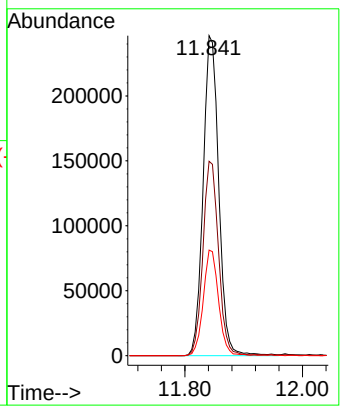
Tgt Ion:117 Resp: 45615

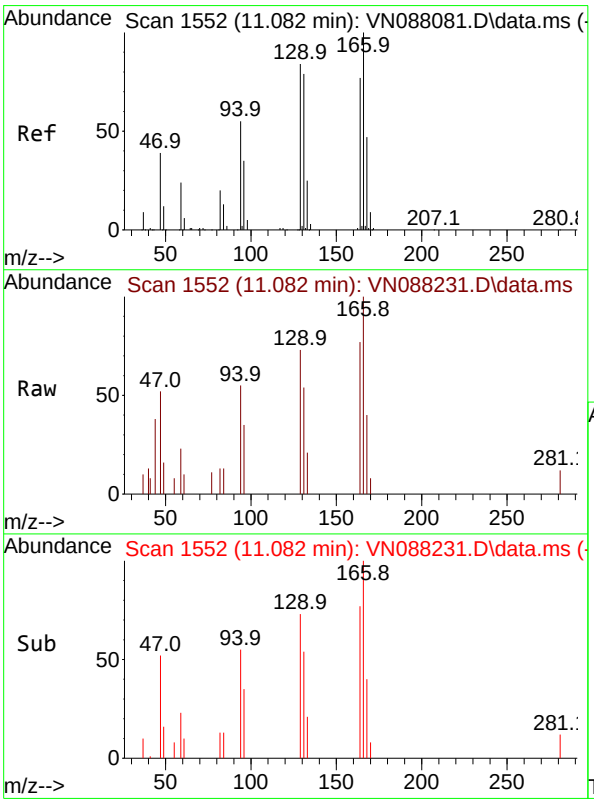
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	33.0	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

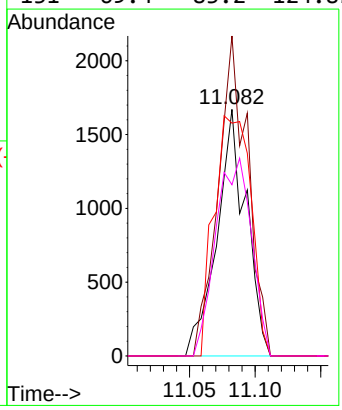


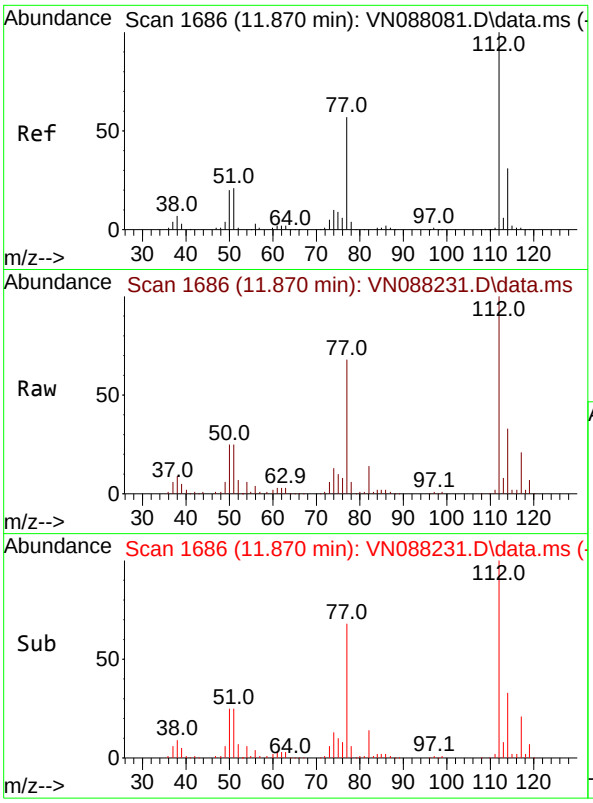


#64
Tetrachloroethene
Concen: 0.859 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:164 Resp: 2586

Ion	Ratio	Lower	Upper
164	100		
166	129.7	97.7	146.5
129	94.4	85.9	128.9
131	69.4	83.2	124.8#

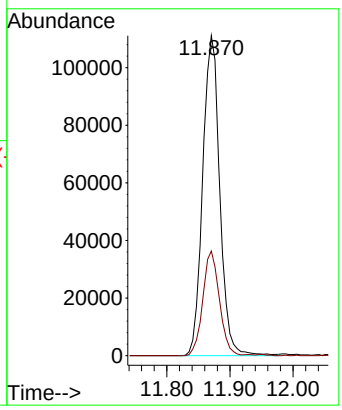




#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:112 Resp: 20888

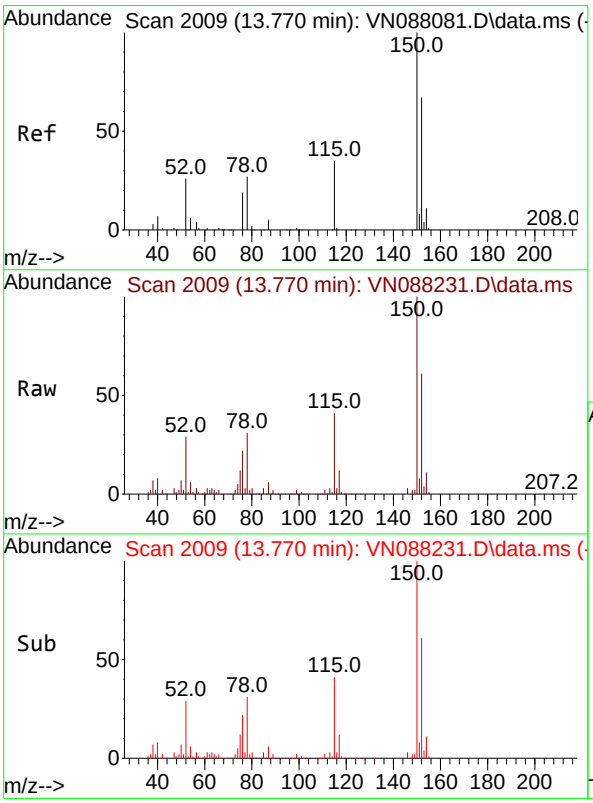
Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

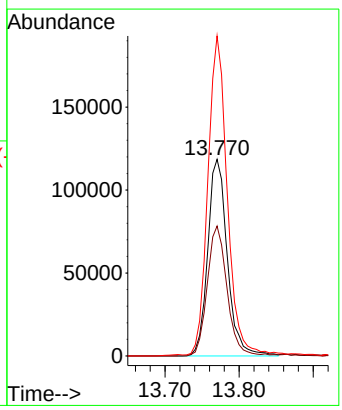
Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

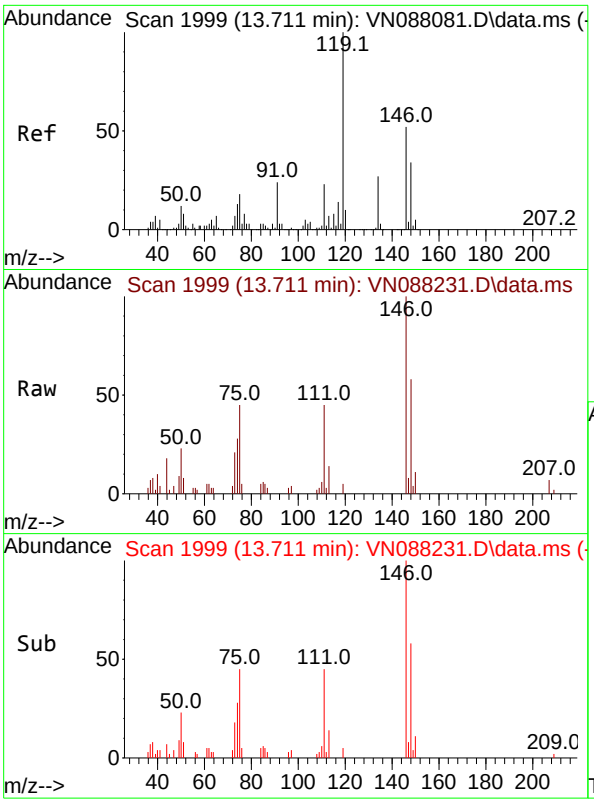


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:152 Resp: 218223

Ion	Ratio	Lower	Upper
152	100		
115	66.7	32.3	96.8
150	163.3	0.0	351.0

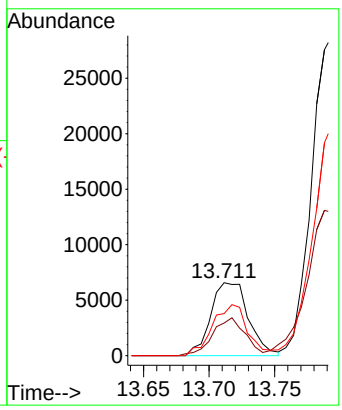




#87
1,3-Dichlorobenzene
Concen: 1.818 ug/l
RT: 13.711 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:146 Resp: 1317

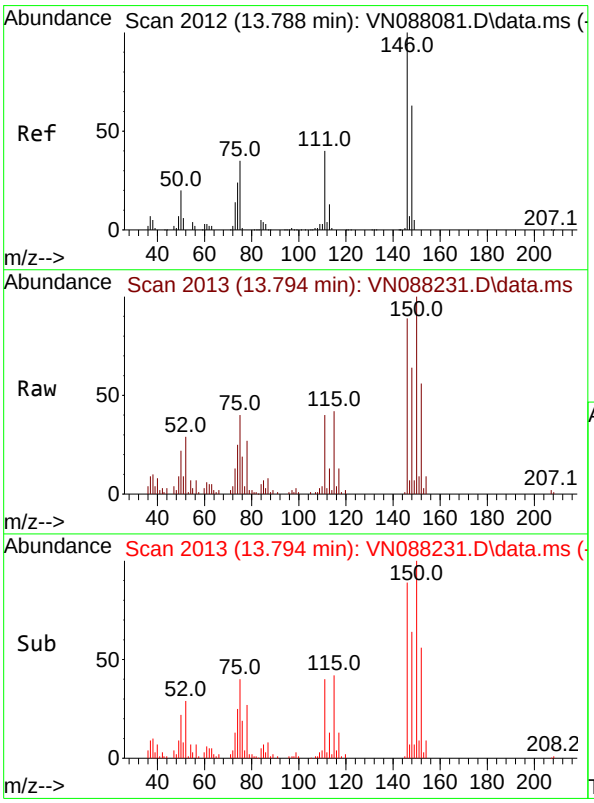
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.5
148	65.0	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

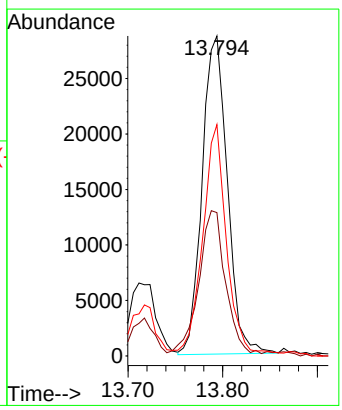
Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

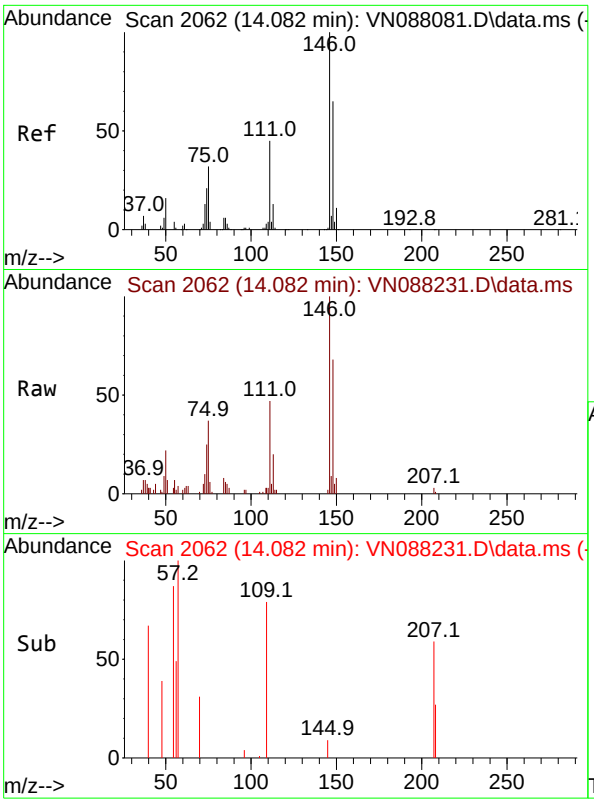


#88
1,4-Dichlorobenzene
Concen: 6.808 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:146 Resp: 52982

Ion	Ratio	Lower	Upper
146	100		
111	47.5	21.0	63.0
148	67.1	32.0	96.0

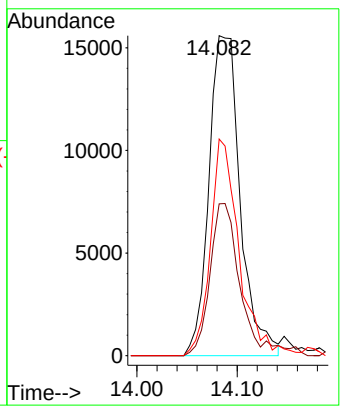




#91
1,2-Dichlorobenzene
Concen: 4.834 ug/l
RT: 14.082 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:146 Resp: 3376

Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.6	67.8
148	62.0	31.9	95.9



Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3560

Instrument ID: MSVOA_N Calibration Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:02

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

LAB FILE ID: RRF001 = VN088078.D RRF005 = VN088079.D RRF020 = VN088080.D
RRF050 = VN088081.D RRF100 = VN088082.D RRF150 = VN088083.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.801	0.784	0.787	0.581	0.639	0.746	0.723	12.6
Chloroethane	0.598	0.601	0.558	0.413	0.447	0.509	0.521	15.2
Trichlorofluoromethane	1.199	1.317	1.246	0.955	1.031	1.171	1.153	11.8
1,1-Dichloroethene	0.806	0.686	0.631	0.462	0.547	0.637	0.628	18.7
Acrylonitrile	0.398	0.423	0.452	0.324	0.426	0.413	0.406	10.8
Acetone	0.563	0.441	0.440	0.319	0.411	0.431	0.434	17.9
Carbon Disulfide	2.143	2.041	1.984	1.483	1.917	1.895	1.910	11.9
Methylene Chloride	0.894	0.774	0.775	0.540	0.708	0.684	0.729	16.2
Vinyl Acetate	1.958	2.237	2.387	1.737	1.958	2.244	2.087	11.6
2-Butanone	0.615	0.616	0.639	0.465	0.516	0.584	0.572	11.8
Carbon Tetrachloride	0.544	0.525	0.538	0.417	0.470	0.546	0.507	10.3
cis-1,2-Dichloroethene	0.884	0.892	0.868	0.626	0.694	0.800	0.794	13.9
Bromochloromethane	0.608	0.669	0.549	0.589	0.596	0.627	0.606	6.6
Chloroform	1.334	1.433	1.405	1.040	1.162	1.318	1.282	11.8
1,1,1-Trichloroethane	1.293	1.230	1.241	0.912	1.014	1.160	1.142	13
Benzene	1.621	1.577	1.609	1.216	1.372	1.566	1.494	10.9
1,2-Dichloropropane	0.420	0.408	0.397	0.306	0.340	0.391	0.377	11.7
Dibromomethane	0.275	0.298	0.295	0.218	0.246	0.281	0.269	11.5
Bromodichloromethane	0.561	0.570	0.589	0.439	0.499	0.573	0.538	10.8
4-Methyl-2-Pentanone	0.548	0.600	0.647	0.485	0.552	0.620	0.575	10.2
Toluene	0.971	0.958	0.991	0.755	0.862	0.989	0.921	10.2
t-1,3-Dichloropropene	0.554	0.576	0.618	0.479	0.559	0.652	0.573	10.4
cis-1,3-Dichloropropene	0.615	0.622	0.652	0.501	0.587	0.671	0.608	9.9
2-Hexanone	0.369	0.332	0.418	0.333	0.392	0.447	0.382	12.1
Dibromochloromethane	0.418	0.392	0.433	0.327	0.377	0.436	0.397	10.4
1,2-Dibromoethane	0.403	0.356	0.384	0.289	0.339	0.388	0.360	11.6
Tetrachloroethene	0.400	0.344	0.335	0.258	0.298	0.344	0.330	14.6
Chlorobenzene	1.197	1.208	1.205	0.941	1.053	1.208	1.135	9.9
1,1,1,2-Tetrachloroethane	0.396	0.385	0.395	0.310	0.348	0.397	0.372	9.6
Ethyl Benzene	2.069	2.066	2.123	1.649	1.873	2.177	1.993	9.9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3560

Instrument ID: MSVOA_N Calibration Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:02

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

LAB FILE ID: RRF001 = VN088078.D RRF005 = VN088079.D RRF020 = VN088080.D
RRF050 = VN088081.D RRF100 = VN088082.D RRF150 = VN088083.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
m/p-Xylenes	0.733	0.774	0.804	0.635	0.708	0.827	0.747	9.4
o-Xylene	0.670	0.742	0.764	0.604	0.684	0.784	0.708	9.6
Styrene	0.946	1.204	1.276	1.011	1.165	1.325	1.154	12.9
Bromoform	0.268	0.274	0.294	0.233	0.276	0.320	0.278	10.4
1,1,2,2-Tetrachloroethane	1.304	1.258	1.336	0.957	1.080	1.270	1.201	12.4
1,2,3-Trichloropropane	1.334	1.351	1.062	0.930	1.014	1.169	1.143	15.1
1,4-Dichlorobenzene	2.065	1.953	1.863	1.399	1.582	1.836	1.783	13.9
1,2-Dichlorobenzene	1.768	1.652	1.678	1.291	1.469	1.744	1.600	11.5
1,2-Dibromo-3-Chloropropane	0.325	0.289	0.301	0.214	0.243	0.305	0.279	15.1
1,2-Dichloroethane-d4		0.914	0.915	0.799	0.822	0.872	0.865	6.1
Dibromofluoromethane		0.343	0.344	0.315	0.327	0.350	0.336	4.3
Toluene-d8		1.283	1.298	1.224	1.283	1.384	1.294	4.4
4-Bromofluorobenzene		0.435	0.457	0.439	0.466	0.488	0.457	4.8
Methyl Iodide		0.430	0.550	0.456	0.674	0.609	0.544	18.8
trans-1,4-Dichloro-2-butene		0.422	0.399	0.317	0.403	0.508	0.410	16.7

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N102325W.M
Title : SW846 8260
Last Update : Sat Oct 25 00:15:22 2025
Response Via : Initial Calibration

Calibration Files
1 =VN088078.D 5 =VN088079.D 20 =VN088080.D 50 =VN088081.D 100 =VN088082.D 150 =VN088083.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.606	0.645	0.594	0.458	0.493	0.588	0.564	12.84
3)	P	Chloromethane	0.782	0.707	0.725	0.519	0.579	0.669	0.664	14.74
4)	C	Vinyl Chloride	0.801	0.784	0.787	0.581	0.639	0.746	0.723	12.62#
5)	T	Bromomethane		0.527	0.485	0.341	0.389	0.420	0.432	17.19
6)	T	Chloroethane	0.598	0.601	0.558	0.413	0.447	0.509	0.521	15.15
7)	T	Trichlorofluor...	1.199	1.317	1.246	0.955	1.031	1.171	1.153	11.77
8)	T	Diethyl Ether	0.456	0.501	0.455	0.320	0.400	0.440	0.429	14.57
9)	T	1,1,2-Trichlor...	0.637	0.632	0.612	0.476	0.561	0.653	0.595	11.19
10)	T	Methyl Iodide		0.430	0.550	0.456	0.674	0.609	0.544	18.85
11)	T	Tert butyl alc...		0.164	0.170	0.116	0.151	0.144	0.149	14.24
12)	CM	1,1-Dichloroet...	0.806	0.686	0.631	0.462	0.547	0.637	0.628	18.71#
13)	T	Acrolein		0.196	0.172	0.124	0.163	0.183	0.168	16.30
14)	T	Allyl chloride	1.325	1.149	1.106	0.813	1.124	1.093	1.102	14.98
15)	T	Acrylonitrile	0.398	0.423	0.452	0.324	0.426	0.413	0.406	10.82
16)	T	Acetone	0.563	0.441	0.440	0.319	0.411	0.431	0.434	17.93
17)	T	Carbon Disulfide	2.143	2.041	1.984	1.483	1.917	1.895	1.910	11.92
18)	T	Methyl Acetate	0.982	0.910	0.980	0.688	0.896	0.880	0.889	12.10
19)	T	Methyl tert-bu...	2.356	2.498	2.493	1.790	2.370	2.342	2.308	11.40
20)	T	Methylene Chlo...	0.894	0.774	0.775	0.540	0.708	0.684	0.729	16.17
21)	T	trans-1,2-Dich...	0.820	0.716	0.715	0.536	0.673	0.678	0.690	13.32
22)	T	Diisopropyl ether	2.325	2.460	2.644	1.883	2.138	2.449	2.317	11.68
23)	T	Vinyl Acetate	1.958	2.237	2.387	1.737	1.958	2.244	2.087	11.60
24)	P	1,1-Dichloroet...	1.371	1.432	1.418	1.026	1.142	1.312	1.283	12.80
25)	T	2-Butanone	0.615	0.616	0.639	0.465	0.516	0.584	0.572	11.81
26)	T	2,2-Dichloropr...	1.403	1.226	1.234	0.920	1.023	1.190	1.166	14.65
27)	T	cis-1,2-Dichlo...	0.884	0.892	0.868	0.626	0.694	0.800	0.794	13.94
28)	T	Bromochloromet...	0.608	0.669	0.549	0.589	0.596	0.627	0.606	6.59
29)	T	Tetrahydrofuran	0.413	0.385	0.422	0.296	0.340	0.382	0.373	12.63
30)	C	Chloroform	1.334	1.433	1.405	1.040	1.162	1.318	1.282	11.82#
31)	T	Cyclohexane		1.488	1.301	0.965	1.055	1.243	1.210	17.05
32)	T	1,1,1-Trichlor...	1.293	1.230	1.241	0.912	1.014	1.160	1.142	13.00
33)	S	1,2-Dichloroet...		0.914	0.915	0.799	0.822	0.872	0.865	6.10
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.343	0.344	0.315	0.327	0.350	0.336	4.27
36)	T	1,1-Dichloropr...	0.515	0.514	0.530	0.406	0.453	0.525	0.490	10.21
37)	T	Ethyl Acetate	0.742	0.656	0.676	0.491	0.579	0.653	0.633	13.72
38)	T	Carbon Tetrach...	0.544	0.525	0.538	0.417	0.470	0.546	0.507	10.30
39)	T	Methylcyclohexane	0.701	0.649	0.634	0.524	0.578	0.698	0.630	11.01
40)	TM	Benzene	1.621	1.577	1.609	1.216	1.372	1.566	1.494	10.93
41)	T	Methacrylonitrile	0.394	0.342	0.354	0.271	0.296	0.342	0.333	13.12
42)	TM	1,2-Dichloroet...	0.552	0.572	0.590	0.436	0.480	0.554	0.531	11.22
43)	T	Isopropyl Acetate	0.991	1.008	1.066	0.810	0.913	1.047	0.973	9.81
44)	TM	Trichloroethene	0.375	0.374	0.374	0.284	0.318	0.369	0.349	11.10
45)	C	1,2-Dichloropr...	0.420	0.408	0.397	0.306	0.340	0.391	0.377	11.73#
46)	T	Dibromomethane	0.275	0.298	0.295	0.218	0.246	0.281	0.269	11.50
47)	T	Bromodichlorom...	0.561	0.570	0.589	0.439	0.499	0.573	0.538	10.77
48)	T	Methyl methacr...	0.488	0.429	0.489	0.372	0.425	0.490	0.449	10.78
49)	T	1,4-Dioxane	0.005	0.006	0.006	0.004	0.005	0.006	0.006	13.34
50)	S	Toluene-d8		1.283	1.298	1.223	1.283	1.384	1.294	4.45
51)	T	4-Methyl-2-Pen...	0.548	0.600	0.647	0.485	0.552	0.620	0.575	10.20
52)	CM	Toluene	0.971	0.958	0.991	0.755	0.862	0.989	0.921	10.23#
53)	T	t-1,3-Dichloro...	0.554	0.576	0.618	0.479	0.559	0.652	0.573	10.40
54)	T	cis-1,3-Dichlo...	0.615	0.622	0.652	0.501	0.587	0.671	0.608	9.91
55)	T	1,1,2-Trichlor...	0.421	0.348	0.374	0.281	0.317	0.355	0.349	13.68
56)	T	Ethyl methacry...	0.515	0.518	0.592	0.475	0.566	0.650	0.553	11.40

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N102325W.M

57)	T	1,3-Dichloropr...	0.639	0.647	0.674	0.506	0.572	0.647	0.614	10.25
58)	T	2-Chloroethyl ...	0.280	0.274	0.299	0.245	0.280	0.348	0.288	11.93
59)	T	2-Hexanone	0.369	0.332	0.418	0.333	0.392	0.447	0.382	12.13
60)	T	Dibromochlorom...	0.418	0.392	0.433	0.327	0.377	0.436	0.397	10.44
61)	T	1,2-Dibromoethane	0.403	0.356	0.384	0.289	0.339	0.388	0.360	11.60
62)	S	4-Bromofluorob...		0.435	0.457	0.439	0.466	0.488	0.457	4.80
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.400	0.344	0.335	0.258	0.298	0.344	0.330	14.61
65)	PM	Chlorobenzene	1.197	1.208	1.205	0.941	1.053	1.208	1.135	9.93
66)	T	1,1,1,2-Tetrac...	0.396	0.385	0.395	0.310	0.348	0.397	0.372	9.57
67)	C	Ethyl Benzene	2.069	2.066	2.123	1.649	1.873	2.177	1.993	9.89#
68)	T	m/p-Xylenes	0.733	0.774	0.804	0.635	0.708	0.827	0.747	9.41
69)	T	o-Xylene	0.670	0.742	0.764	0.604	0.684	0.784	0.708	9.57
70)	T	Styrene	0.946	1.204	1.276	1.011	1.165	1.325	1.154	12.89
71)	P	Bromoform	0.268	0.274	0.294	0.233	0.276	0.320	0.278	10.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.189	3.857	4.067	3.173	3.580	4.272	3.856	10.83
74)	T	N-amyl acetate		0.931	0.993	0.920	1.094	1.535	1.095	23.37
75)	P	1,1,2,2-Tetrac...	1.304	1.258	1.336	0.957	1.080	1.270	1.201	12.42
76)	T	1,2,3-Trichlor...	1.334	1.351	1.062	0.930	1.014	1.169	1.143	15.11
77)	T	Bromobenzene	0.826	0.859	0.926	0.687	0.789	0.902	0.832	10.37
78)	T	n-propylbenzene	4.874	4.855	4.930	3.925	4.436	5.217	4.706	9.71
79)	T	2-Chlorotoluene	2.492	2.833	2.974	2.245	2.545	3.014	2.684	11.35
80)	T	1,3,5-Trimethy...	3.329	3.254	3.385	2.669	3.028	3.551	3.203	9.76
81)	T	trans-1,4-Dich...		0.422	0.399	0.317	0.403	0.508	0.410	16.68
82)	T	4-Chlorotoluene	3.219	3.019	3.114	2.345	2.623	3.102	2.904	11.81
83)	T	tert-Butylbenzene	3.154	2.876	3.002	2.358	2.646	3.131	2.861	10.80
84)	T	1,2,4-Trimethy...	3.242	3.316	3.465	2.700	3.012	3.491	3.204	9.42
85)	T	sec-Butylbenzene	4.578	4.273	4.382	3.490	3.881	4.616	4.203	10.43
86)	T	p-Isopropyltol...	3.269	3.541	3.602	2.866	3.170	3.783	3.372	9.90
87)	T	1,3-Dichlorobe...	1.777	1.673	1.822	1.380	1.535	1.773	1.660	10.33
88)	T	1,4-Dichlorobe...	2.065	1.953	1.863	1.399	1.582	1.836	1.783	13.86
89)	T	n-Butylbenzene	3.396	3.438	3.493	2.827	3.158	3.730	3.340	9.32
90)	T	Hexachloroethane	0.687	0.679	0.671	0.535	0.610	0.736	0.653	10.77
91)	T	1,2-Dichlorobe...	1.768	1.652	1.678	1.291	1.469	1.744	1.600	11.52
92)	T	1,2-Dibromo-3-...	0.325	0.289	0.301	0.214	0.243	0.305	0.279	15.13
93)	T	1,2,4-Trichlor...	1.058	0.976	0.989	0.785	0.902	1.105	0.969	11.80
94)	T	Hexachlorobuta...	0.412	0.374	0.373	0.293	0.319	0.395	0.361	12.69
95)	T	Naphthalene	3.451	3.110	3.437	2.732	3.203	3.987	3.320	12.63
96)	T	1,2,3-Trichlor...	1.098	0.894	0.937	0.736	0.848	1.062	0.929	14.54

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088078.D
Acq On : 23 Oct 2025 09:42
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:50:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	310632	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.083	114	586229	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	509993	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233824	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	3763	1.074	ug/l		96
3) Chloromethane	2.389	50	4857	1.178	ug/l		88
4) Vinyl Chloride	2.542	62	4975	1.108	ug/l		98
6) Chloroethane	3.136	64	3717	1.149	ug/l	#	72
7) Trichlorofluoromethane	3.501	101	7446	1.039	ug/l		87
8) Diethyl Ether	3.959	74	2835	1.065	ug/l		60
9) 1,1,2-Trichlorotrifluo...	4.353	101	3959	1.071	ug/l	#	22
12) 1,1-Dichloroethene	4.348	96	5008	1.283	ug/l	#	64
14) Allyl chloride	5.012	41	8229m	1.206	ug/l		
15) Acrylonitrile	5.712	53	12351	4.900	ug/l		95
16) Acetone	4.424	43	17476	6.476	ug/l		95
17) Carbon Disulfide	4.700	76	13312	1.122	ug/l		96
18) Methyl Acetate	5.024	43	6099	1.104	ug/l	#	86
19) Methyl tert-butyl Ether	5.777	73	14637	1.021	ug/l		93
20) Methylene Chloride	5.265	84	5554	2.075	ug/l		93
21) trans-1,2-Dichloroethene	5.765	96	5093m	1.180	ug/l		
22) Diisopropyl ether	6.659	45	14446	1.004	ug/l		89
23) Vinyl Acetate	6.594	43	60828	4.692	ug/l	#	93
24) 1,1-Dichloroethane	6.553	63	8517	1.068	ug/l	#	82
25) 2-Butanone	7.477	43	19098m	5.426	ug/l		
26) 2,2-Dichloropropane	7.477	77	8718	1.203	ug/l		93
27) cis-1,2-Dichloroethene	7.471	96	5492	1.113	ug/l		93
28) Bromochloromethane	7.800	49	3776	1.002	ug/l	#	98
29) Tetrahydrofuran	7.836	42	12815	5.529	ug/l	#	65
30) Chloroform	7.953	83	8286	1.040	ug/l		96
32) 1,1,1-Trichloroethane	8.153	97	8036	1.133	ug/l	#	43
36) 1,1-Dichloropropene	8.347	75	6036	1.050	ug/l		90
37) Ethyl Acetate	7.553	43	8700m	1.177	ug/l		
38) Carbon Tetrachloride	8.347	117	6381	1.074	ug/l	#	92
39) Methylcyclohexane	9.583	83	8221	1.112	ug/l		92
40) Benzene	8.588	78	19008	1.085	ug/l		96
41) Methacrylonitrile	7.771	41	4616	1.182	ug/l	#	89
42) 1,2-Dichloroethane	8.653	62	6475	1.041	ug/l		100
43) Isopropyl Acetate	8.671	43	11616	1.019	ug/l		96
44) Trichloroethene	9.330	130	4394	1.073	ug/l		93
45) 1,2-Dichloropropane	9.600	63	4927	1.114	ug/l		91

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088078.D
Acq On : 23 Oct 2025 09:42
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 02:50:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	Dibromomethane	9.688	93	3222	1.022	ug/l		90
47)	Bromodichloromethane	9.871	83	6578	1.042	ug/l	#	99
48)	Methyl methacrylate	9.671	41	5726m	1.057	ug/l		
49)	1,4-Dioxane	9.700	88	1238m	18.907	ug/l		
51)	4-Methyl-2-Pentanone	10.430	43	32109	4.760	ug/l		96
52)	Toluene	10.606	92	11382	1.054	ug/l		90
53)	t-1,3-Dichloropropene	10.818	75	6496	0.967	ug/l		99
54)	cis-1,3-Dichloropropene	10.294	75	7213	1.012	ug/l		98
55)	1,1,2-Trichloroethane	11.000	97	4933	1.204	ug/l	#	82
56)	Ethyl methacrylate	10.871	69	6039m	0.933	ug/l		
57)	1,3-Dichloropropane	11.147	76	7489	1.040	ug/l		89
58)	2-Chloroethyl Vinyl ether	10.141	63	16393	4.862	ug/l		99
59)	2-Hexanone	11.182	43	21660m	4.891	ug/l		
60)	Dibromochloromethane	11.341	129	4900	1.052	ug/l		90
61)	1,2-Dibromoethane	11.447	107	4721	1.120	ug/l		83
64)	Tetrachloroethene	11.088	164	4083	1.214	ug/l	#	79
65)	Chlorobenzene	11.876	112	12205	1.054	ug/l	#	89
66)	1,1,1,2-Tetrachloroethane	11.941	131	4044	1.066	ug/l	#	65
67)	Ethyl Benzene	11.947	91	21103	1.038	ug/l		96
68)	m/p-Xylenes	12.053	106	14958	1.964	ug/l		93
69)	o-Xylene	12.382	106	6831	0.946	ug/l		98
70)	Styrene	12.394	104	9645	0.819	ug/l		99
71)	Bromoform	12.565	173	2730	0.964	ug/l	#	100
73)	Isopropylbenzene	12.676	105	19589	1.086	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.923	83	6098	1.086	ug/l		98
76)	1,2,3-Trichloropropane	12.971	75	6237m	1.246	ug/l		
77)	Bromobenzene	12.959	156	3862	0.993	ug/l		71
78)	n-propylbenzene	13.018	91	22793	1.036	ug/l		99
79)	2-Chlorotoluene	13.106	91	11655	0.929	ug/l		93
80)	1,3,5-Trimethylbenzene	13.153	105	15569	1.039	ug/l		98
82)	4-Chlorotoluene	13.200	91	15055	1.109	ug/l		93
83)	tert-Butylbenzene	13.418	119	14748	1.102	ug/l		98
84)	1,2,4-Trimethylbenzene	13.459	105	15160	1.012	ug/l		97
85)	sec-Butylbenzene	13.594	105	21410	1.089	ug/l		96
86)	p-Isopropyltoluene	13.712	119	15289	0.970	ug/l		90
87)	1,3-Dichlorobenzene	13.718	146	8312	1.071	ug/l		100
88)	1,4-Dichlorobenzene	13.788	146	9656m	1.155	ug/l		
89)	n-Butylbenzene	14.035	91	15880	1.017	ug/l		97
90)	Hexachloroethane	14.312	117	3211	1.052	ug/l		96
91)	1,2-Dichlorobenzene	14.088	146	8266	1.105	ug/l		98
92)	1,2-Dibromo-3-Chloropr...	14.700	75	1522	1.165	ug/l		75
93)	1,2,4-Trichlorobenzene	15.370	180	4946	1.091	ug/l		90
94)	Hexachlorobutadiene	15.476	225	1928	1.142	ug/l		96
95)	Naphthalene	15.617	128	16137	1.039	ug/l		99
96)	1,2,3-Trichlorobenzene	15.823	180	5137	1.182	ug/l		83

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

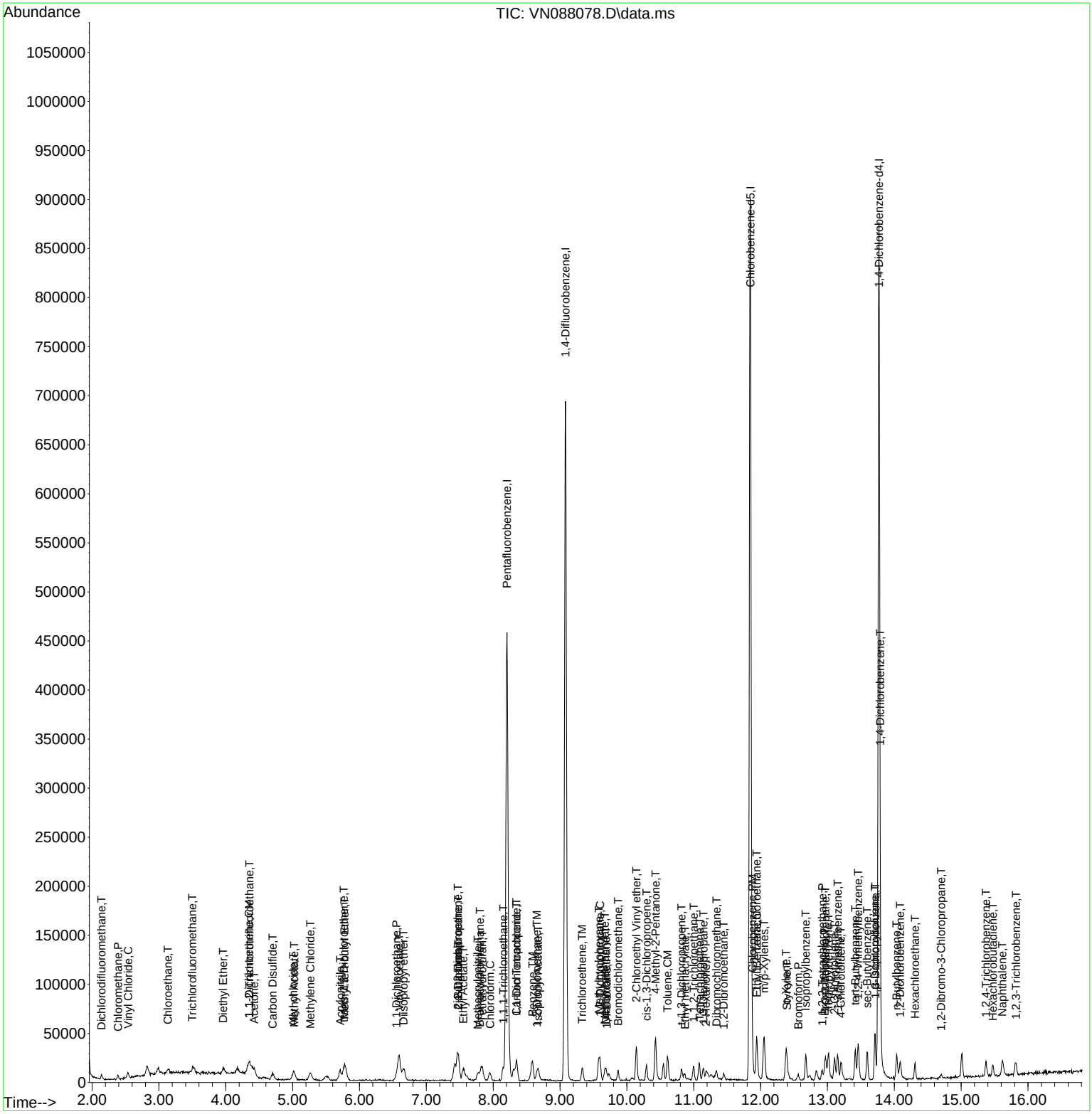
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088078.D
Acq On : 23 Oct 2025 09:42
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 02:50:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088079.D
Acq On : 23 Oct 2025 10:38
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	296128	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	570271	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.841	117	502295	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	241248	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	27065	5.285	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.580%#				
35) Dibromofluoromethane	8.147	113	19551	5.103	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.200%#				
50) Toluene-d8	10.547	98	73162	4.956	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.920%#				
62) 4-Bromofluorobenzene	12.835	95	24787	4.755	ug/l		0.01
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.500%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	19109	5.721	ug/l		91
3) Chloromethane	2.383	50	20946	5.330	ug/l		100
4) Vinyl Chloride	2.536	62	23220	5.423	ug/l		96
5) Bromomethane	2.971	94	15617	6.098	ug/l	#	80
6) Chloroethane	3.142	64	17800	5.770	ug/l	#	84
7) Trichlorofluoromethane	3.506	101	39012	5.713	ug/l		98
8) Diethyl Ether	3.959	74	14837	5.846	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.377	101	18719	5.312	ug/l		94
10) Methyl Iodide	4.589	142	12726	7.564	ug/l		91
11) Tert butyl alcohol	5.524	59	24255	27.494	ug/l	#	89
12) 1,1-Dichloroethene	4.342	96	20326	5.461	ug/l		88
13) Acrolein	4.171	56	29003	29.228	ug/l		93
14) Allyl chloride	5.012	41	34031	5.232	ug/l		99
15) Acrylonitrile	5.706	53	62612	26.056	ug/l		98
16) Acetone	4.430	43	65332	25.396	ug/l		99
17) Carbon Disulfide	4.706	76	60437	5.342	ug/l		97
18) Methyl Acetate	5.024	43	26935	5.114	ug/l		99
19) Methyl tert-butyl Ether	5.789	73	73958	5.411	ug/l		97
20) Methylene Chloride	5.265	84	22926	6.410	ug/l		97
21) trans-1,2-Dichloroethene	5.783	96	21204	5.152	ug/l		86
22) Diisopropyl ether	6.665	45	72852	5.310	ug/l		100
23) Vinyl Acetate	6.588	43	331195	26.799	ug/l		100
24) 1,1-Dichloroethane	6.547	63	42391	5.578	ug/l		96
25) 2-Butanone	7.477	43	91150	27.166	ug/l		95
26) 2,2-Dichloropropane	7.477	77	36306	5.257	ug/l		97
27) cis-1,2-Dichloroethene	7.471	96	26415	5.616	ug/l		96
28) Bromochloromethane	7.794	49	19805	5.515	ug/l		96
29) Tetrahydrofuran	7.824	42	56989	25.793	ug/l		99
30) Chloroform	7.947	83	42443	5.590	ug/l		97
31) Cyclohexane	8.241	56	44056	6.146	ug/l		95
32) 1,1,1-Trichloroethane	8.147	97	36411	5.384	ug/l	#	85
36) 1,1-Dichloropropene	8.353	75	29318	5.241	ug/l		96
37) Ethyl Acetate	7.547	43	37387	5.201	ug/l	#	94
38) Carbon Tetrachloride	8.347	117	29915	5.178	ug/l		93
39) Methylcyclohexane	9.582	83	37009	5.147	ug/l		96
40) Benzene	8.588	78	89925	5.279	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088079.D
Acq On : 23 Oct 2025 10:38
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 02:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	19516	5.137	ug/l		93
42) 1,2-Dichloroethane	8.653	62	32612	5.388	ug/l		99
43) Isopropyl Acetate	8.671	43	57498	5.184	ug/l		97
44) Trichloroethene	9.335	130	21346	5.361	ug/l		86
45) 1,2-Dichloropropane	9.594	63	23273	5.411	ug/l		95
46) Dibromomethane	9.682	93	17012	5.546	ug/l		95
47) Bromodichloromethane	9.865	83	32518	5.295	ug/l		91
48) Methyl methacrylate	9.665	41	24475	4.645	ug/l		92
49) 1,4-Dioxane	9.688	88	6763	106.179	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.424	43	170979	26.055	ug/l		98
52) Toluene	10.606	92	54632	5.201	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	32833	5.023	ug/l		96
54) cis-1,3-Dichloropropene	10.288	75	35495	5.118	ug/l		94
55) 1,1,2-Trichloroethane	10.994	97	19869	4.986	ug/l		92
56) Ethyl methacrylate	10.859	69	29566	4.695	ug/l		97
57) 1,3-Dichloropropane	11.141	76	36892	5.267	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.141	63	78095	23.808	ug/l		99
59) 2-Hexanone	11.182	43	94577	21.954	ug/l		97
60) Dibromochloromethane	11.335	129	22347	4.934	ug/l		99
61) 1,2-Dibromoethane	11.447	107	20284	4.946	ug/l		96
64) Tetrachloroethene	11.082	164	17289	5.218	ug/l		88
65) Chlorobenzene	11.870	112	60700	5.322	ug/l		90
66) 1,1,1,2-Tetrachloroethane	11.941	131	19321	5.171	ug/l		95
67) Ethyl Benzene	11.941	91	103756	5.183	ug/l		98
68) m/p-Xylenes	12.047	106	77736	10.363	ug/l		92
69) o-Xylene	12.382	106	37251	5.239	ug/l		98
70) Styrene	12.394	104	60467	5.215	ug/l		98
71) Bromoform	12.559	173	13744	4.929	ug/l	#	92
73) Isopropylbenzene	12.676	105	93056	5.001	ug/l		100
74) N-amyl acetate	12.865	43	22461m	4.171	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	30348	5.239	ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	32601m	6.313	ug/l		
77) Bromobenzene	12.959	156	20721	5.164	ug/l		82
78) n-propylbenzene	13.012	91	117114	5.158	ug/l		98
79) 2-Chlorotoluene	13.106	91	68350	5.278	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	78511	5.081	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.723	75	10183m	5.137	ug/l		
82) 4-Chlorotoluene	13.200	91	72836	5.199	ug/l		100
83) tert-Butylbenzene	13.417	119	69371	5.025	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	80008	5.175	ug/l		100
85) sec-Butylbenzene	13.594	105	103097	5.083	ug/l		98
86) p-Isopropyltoluene	13.706	119	85421	5.250	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	40364	5.039	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	47112	5.462	ug/l		95
89) n-Butylbenzene	14.035	91	82932	5.146	ug/l		99
90) Hexachloroethane	14.312	117	16391	5.202	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	39857	5.162	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6964	5.165	ug/l		92
93) 1,2,4-Trichlorobenzene	15.370	180	23547	5.036	ug/l		99
94) Hexachlorobutadiene	15.476	225	9028	5.185	ug/l		97
95) Naphthalene	15.617	128	75031	4.684	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	21577	4.812	ug/l		94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088079.D
Acq On : 23 Oct 2025 10:38
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

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

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

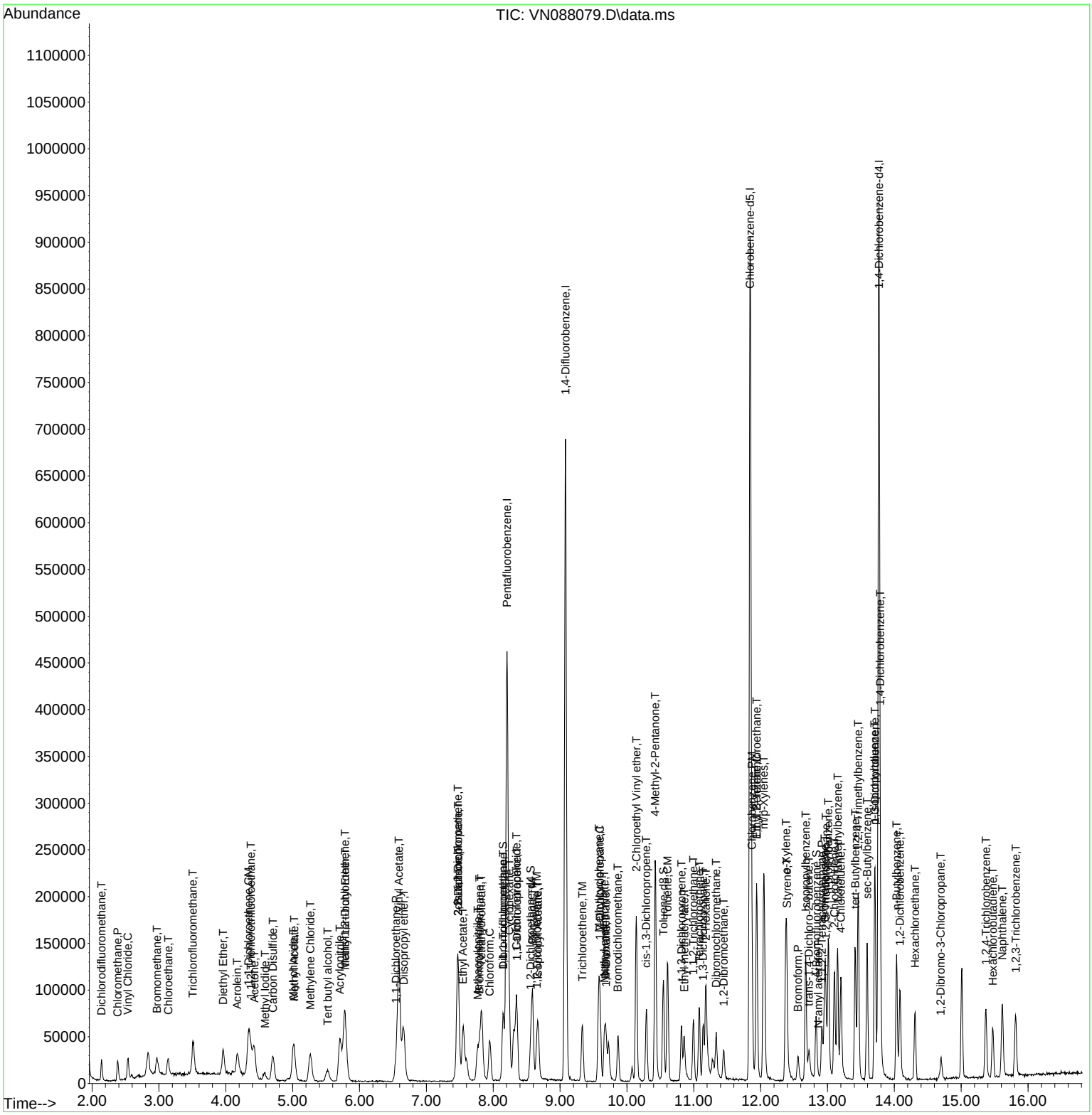
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088079.D
Acq On : 23 Oct 2025 10:38
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 02:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088080.D
Acq On : 23 Oct 2025 10:59
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 02:52:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	282090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	546178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	485620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	241242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	103292	21.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.360%#		
35) Dibromofluoromethane	8.147	113	75221	20.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.000%#		
50) Toluene-d8	10.547	98	283564	20.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.120%#		
62) 4-Bromofluorobenzene	12.829	95	99923	20.012	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.020%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	67069	21.078	ug/l	97
3) Chloromethane	2.383	50	81817	21.856	ug/l	96
4) Vinyl Chloride	2.536	62	88776	21.765	ug/l	98
5) Bromomethane	2.983	94	54697	22.420	ug/l	99
6) Chloroethane	3.136	64	62949	21.421	ug/l	93
7) Trichlorofluoromethane	3.512	101	140569	21.608	ug/l	95
8) Diethyl Ether	3.971	74	51299	21.217	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	69023	20.561	ug/l	98
10) Methyl Iodide	4.583	142	62029	21.370	ug/l	97
11) Tert butyl alcohol	5.524	59	95809	114.009	ug/l	97
12) 1,1-Dichloroethene	4.342	96	71244	20.094	ug/l	97
13) Acrolein	4.183	56	97190	102.818	ug/l	99
14) Allyl chloride	5.012	41	124762	20.136	ug/l	98
15) Acrylonitrile	5.706	53	254966	111.383	ug/l	98
16) Acetone	4.424	43	248513	101.409	ug/l	96
17) Carbon Disulfide	4.706	76	223844	20.769	ug/l	99
18) Methyl Acetate	5.018	43	110595	22.044	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	281317	21.605	ug/l	94
20) Methylene Chloride	5.265	84	87400	23.333	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	80726	20.591	ug/l	95
22) Diisopropyl ether	6.653	45	298356	22.828	ug/l	96
23) Vinyl Acetate	6.589	43	1346497	114.374	ug/l	100
24) 1,1-Dichloroethane	6.559	63	159981	22.098	ug/l	97
25) 2-Butanone	7.471	43	360240	112.706	ug/l	96
26) 2,2-Dichloropropane	7.471	77	139276	21.169	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	97968	21.866	ug/l	100
28) Bromochloromethane	7.800	49	61975	18.117	ug/l	99
29) Tetrahydrofuran	7.824	42	237998	113.080	ug/l	99
30) Chloroform	7.947	83	158515	21.917	ug/l	99
31) Cyclohexane	8.236	56	146770	21.495	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	140074	21.745	ug/l	92
36) 1,1-Dichloropropene	8.353	75	115884	21.630	ug/l	99
37) Ethyl Acetate	7.547	43	147787	21.466	ug/l	99
38) Carbon Tetrachloride	8.341	117	117435	21.223	ug/l	90
39) Methylcyclohexane	9.583	83	138414	20.099	ug/l	96
40) Benzene	8.588	78	351627	21.551	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088080.D
Acq On : 23 Oct 2025 10:59
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 02:52:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	77407	21.272	ug/l		100
42) 1,2-Dichloroethane	8.653	62	128925	22.239	ug/l		99
43) Isopropyl Acetate	8.677	43	232810	21.914	ug/l		97
44) Trichloroethene	9.330	130	81811	21.452	ug/l		88
45) 1,2-Dichloropropane	9.600	63	86639	21.033	ug/l		97
46) Dibromomethane	9.688	93	64404	21.923	ug/l		99
47) Bromodichloromethane	9.871	83	128781	21.895	ug/l		95
48) Methyl methacrylate	9.659	41	106892	21.182	ug/l		97
49) 1,4-Dioxane	9.677	88	28059	459.958	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.424	43	706841	112.466	ug/l		99
52) Toluene	10.606	92	216580	21.530	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	135097	21.581	ug/l		94
54) cis-1,3-Dichloropropene	10.294	75	142472	21.447	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	81773	21.426	ug/l		97
56) Ethyl methacrylate	10.859	69	129419	21.460	ug/l		99
57) 1,3-Dichloropropane	11.141	76	147164	21.938	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	326199	103.833	ug/l		99
59) 2-Hexanone	11.177	43	456992	110.762	ug/l		96
60) Dibromochloromethane	11.335	129	94659	21.821	ug/l		97
61) 1,2-Dibromoethane	11.447	107	83824	21.341	ug/l		97
64) Tetrachloroethene	11.082	164	65019	20.298	ug/l		94
65) Chlorobenzene	11.871	112	233976	21.219	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	76803	21.259	ug/l		97
67) Ethyl Benzene	11.941	91	412481	21.311	ug/l		98
68) m/p-Xylenes	12.047	106	312179	43.046	ug/l		98
69) o-Xylene	12.376	106	148393	21.585	ug/l		99
70) Styrene	12.388	104	247794	22.103	ug/l		98
71) Bromoform	12.559	173	57194	21.214	ug/l	#	94
73) Isopropylbenzene	12.671	105	392471	21.093	ug/l		98
74) N-amyl acetate	12.671	43	95839m	17.796	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	128906	22.253	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	102475m	19.844	ug/l		
77) Bromobenzene	12.959	156	89317	22.261	ug/l		93
78) n-propylbenzene	13.012	91	475747	20.952	ug/l		98
79) 2-Chlorotoluene	13.100	91	286955	22.160	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	326659	21.139	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	38485	19.415	ug/l		84
82) 4-Chlorotoluene	13.200	91	300449	21.446	ug/l		99
83) tert-Butylbenzene	13.412	119	289688	20.986	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	334370	21.627	ug/l		99
85) sec-Butylbenzene	13.594	105	422803	20.848	ug/l		99
86) p-Isopropyltoluene	13.706	119	347584	21.364	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	175823	21.951	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	179756	20.841	ug/l		99
89) n-Butylbenzene	14.035	91	337053	20.915	ug/l		99
90) Hexachloroethane	14.306	117	64770	20.558	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	161912	20.971	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	29025	21.527	ug/l		97
93) 1,2,4-Trichlorobenzene	15.370	180	95446	20.412	ug/l		99
94) Hexachlorobutadiene	15.476	225	35960	20.651	ug/l		96
95) Naphthalene	15.612	128	331649	20.704	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	90374	20.157	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088080.D
Acq On : 23 Oct 2025 10:59
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:52:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

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

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

ICAL Form

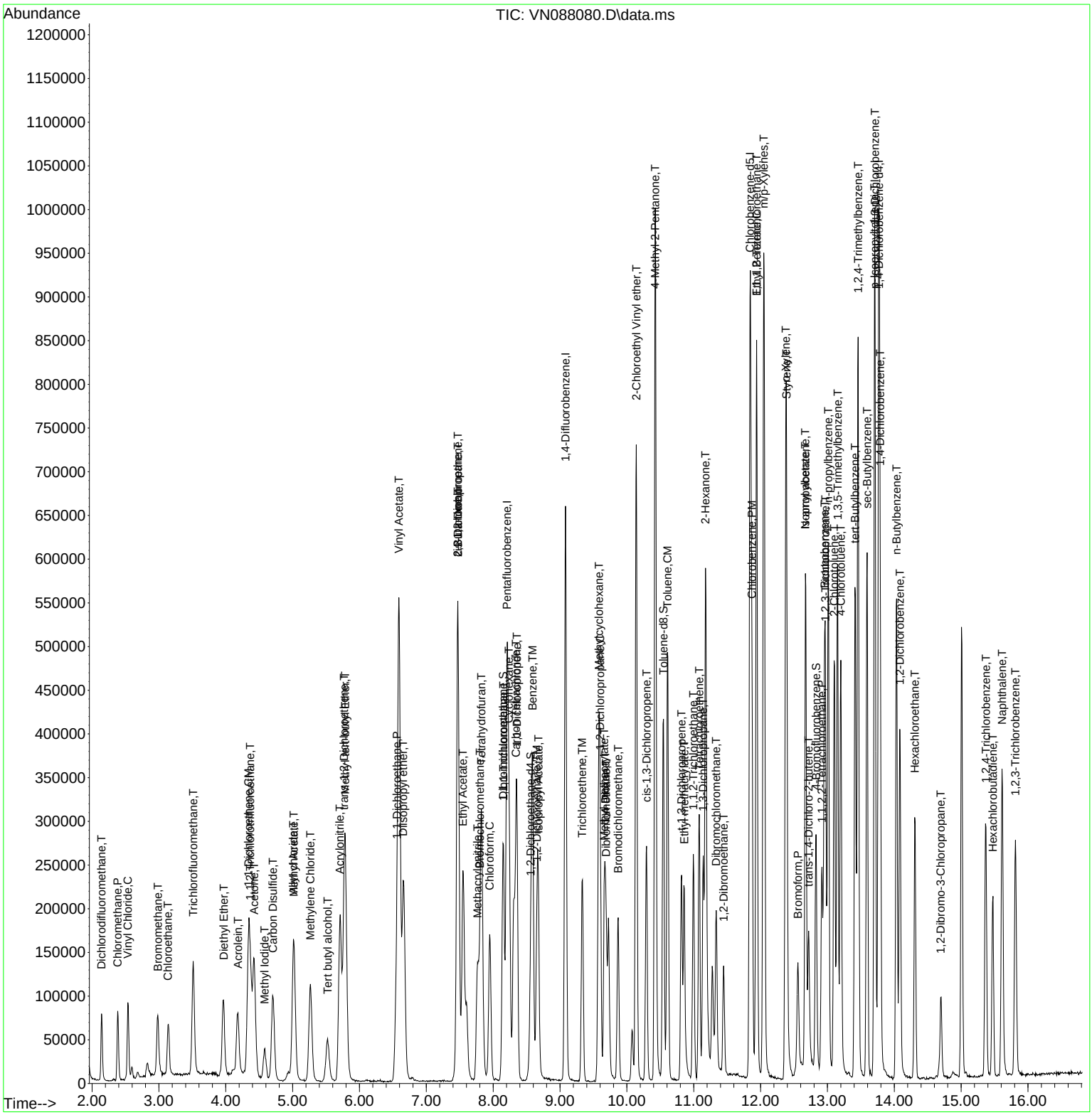
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088080.D
Acq On : 23 Oct 2025 10:59
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 02:52:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088081.D
Acq On : 23 Oct 2025 11:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:42:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	338069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	628399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	559795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	281739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	270271	46.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.460%			
35) Dibromofluoromethane	8.147	113	198004	46.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.800%			
50) Toluene-d8	10.547	98	768846	47.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.540%			
62) 4-Bromofluorobenzene	12.829	95	275556	47.966	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	154728	40.575	ug/l	97
3) Chloromethane	2.383	50	175497	39.118	ug/l	100
4) Vinyl Chloride	2.542	62	196434	40.185	ug/l	98
5) Bromomethane	2.977	94	115396	39.468	ug/l	97
6) Chloroethane	3.142	64	139507	39.611	ug/l	97
7) Trichlorofluoromethane	3.512	101	322932	41.420	ug/l	94
8) Diethyl Ether	3.959	74	108102	37.307	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	160825	39.976	ug/l	97
10) Methyl Iodide	4.583	142	154156	39.794	ug/l	96
11) Tert butyl alcohol	5.524	59	195274	193.892	ug/l	97
12) 1,1-Dichloroethene	4.341	96	156355	36.797	ug/l	93
13) Acrolein	4.177	56	209393	184.839	ug/l	100
14) Allyl chloride	5.012	41	274719	36.996	ug/l	97
15) Acrylonitrile	5.712	53	547451	199.555	ug/l	98
16) Acetone	4.424	43	539588	183.727	ug/l	99
17) Carbon Disulfide	4.706	76	501402	38.818	ug/l	98
18) Methyl Acetate	5.018	43	232583	38.683	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	605018	38.771	ug/l	96
20) Methylene Chloride	5.265	84	182571	40.095	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	181288	38.584	ug/l	95
22) Diisopropyl ether	6.659	45	636418	40.632	ug/l	97
23) Vinyl Acetate	6.588	43	2935326	208.046	ug/l	99
24) 1,1-Dichloroethane	6.553	63	346792	39.970	ug/l	96
25) 2-Butanone	7.471	43	786350	205.282	ug/l	100
26) 2,2-Dichloropropane	7.471	77	311175	39.466	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	211777	39.442	ug/l	99
28) Bromochloromethane	7.794	49	199116	48.569	ug/l	99
29) Tetrahydrofuran	7.824	42	501146	198.682	ug/l	100
30) Chloroform	7.947	83	351684	40.574	ug/l	97
31) Cyclohexane	8.235	56	326389	39.886	ug/l	91
32) 1,1,1-Trichloroethane	8.153	97	308171	39.919	ug/l	98
36) 1,1-Dichloropropene	8.353	75	254886	41.351	ug/l	98
37) Ethyl Acetate	7.547	43	308710	38.973	ug/l	96
38) Carbon Tetrachloride	8.347	117	262154	41.178	ug/l	93
39) Methylcyclohexane	9.582	83	329045	41.530	ug/l	97
40) Benzene	8.588	78	764344	40.717	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088081.D
Acq On : 23 Oct 2025 11:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 02:42:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	169994	40.604	ug/l		100
42) 1,2-Dichloroethane	8.653	62	274103	41.094	ug/l		100
43) Isopropyl Acetate	8.671	43	509309	41.668	ug/l		99
44) Trichloroethene	9.335	130	178438	40.667	ug/l		100
45) 1,2-Dichloropropane	9.600	63	192587	40.637	ug/l		97
46) Dibromomethane	9.688	93	137229	40.600	ug/l		99
47) Bromodichloromethane	9.871	83	275730	40.745	ug/l		97
48) Methyl methacrylate	9.659	41	233909	40.288	ug/l		96
49) 1,4-Dioxane	9.682	88	55303	787.940	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.423	43	1524408	210.814	ug/l		99
52) Toluene	10.606	92	474479	40.995	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	300895	41.776	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	314717	41.178	ug/l		95
55) 1,1,2-Trichloroethane	10.994	97	176797	40.263	ug/l		98
56) Ethyl methacrylate	10.853	69	298768	43.059	ug/l		97
57) 1,3-Dichloropropane	11.141	76	317787	41.174	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	769938	213.014	ug/l		100
59) 2-Hexanone	11.176	43	1044741	220.085	ug/l		98
60) Dibromochloromethane	11.335	129	205395	41.154	ug/l		100
61) 1,2-Dibromoethane	11.447	107	181469	40.156	ug/l		97
64) Tetrachloroethene	11.082	164	144389	39.103	ug/l		96
65) Chlorobenzene	11.870	112	526904	41.452	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	173604	41.687	ug/l		99
67) Ethyl Benzene	11.941	91	923328	41.382	ug/l		100
68) m/p-Xylenes	12.047	106	710517	84.991	ug/l		95
69) o-Xylene	12.376	106	337999	42.650	ug/l		97
70) Styrene	12.388	104	565710	43.775	ug/l		99
71) Bromoform	12.559	173	130569	42.013	ug/l	#	99
73) Isopropylbenzene	12.676	105	893962	41.140	ug/l		98
74) N-amyl acetate	12.506	43	259151m	51.362	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	269498	39.836	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	261895m	43.425	ug/l		
77) Bromobenzene	12.959	156	193682	41.334	ug/l		98
78) n-propylbenzene	13.012	91	1105898	41.704	ug/l		98
79) 2-Chlorotoluene	13.100	91	632531	41.827	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	751960	41.667	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.717	75	89183	38.524	ug/l	#	81
82) 4-Chlorotoluene	13.200	91	660605	40.376	ug/l		97
83) tert-Butylbenzene	13.417	119	664441	41.215	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	760563	42.122	ug/l		99
85) sec-Butylbenzene	13.594	105	983204	41.511	ug/l		100
86) p-Isopropyltoluene	13.706	119	807519	42.500	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	388787	41.563	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	394135	39.127	ug/l		98
89) n-Butylbenzene	14.035	91	796348	42.312	ug/l		99
90) Hexachloroethane	14.306	117	150804	40.985	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	363732	40.339	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	60256	38.267	ug/l		96
93) 1,2,4-Trichlorobenzene	15.370	180	221034	40.476	ug/l		98
94) Hexachlorobutadiene	15.476	225	82469	40.553	ug/l		99
95) Naphthalene	15.611	128	769709	41.144	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	207445	39.618	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088081.D
Acq On : 23 Oct 2025 11:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:42:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 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

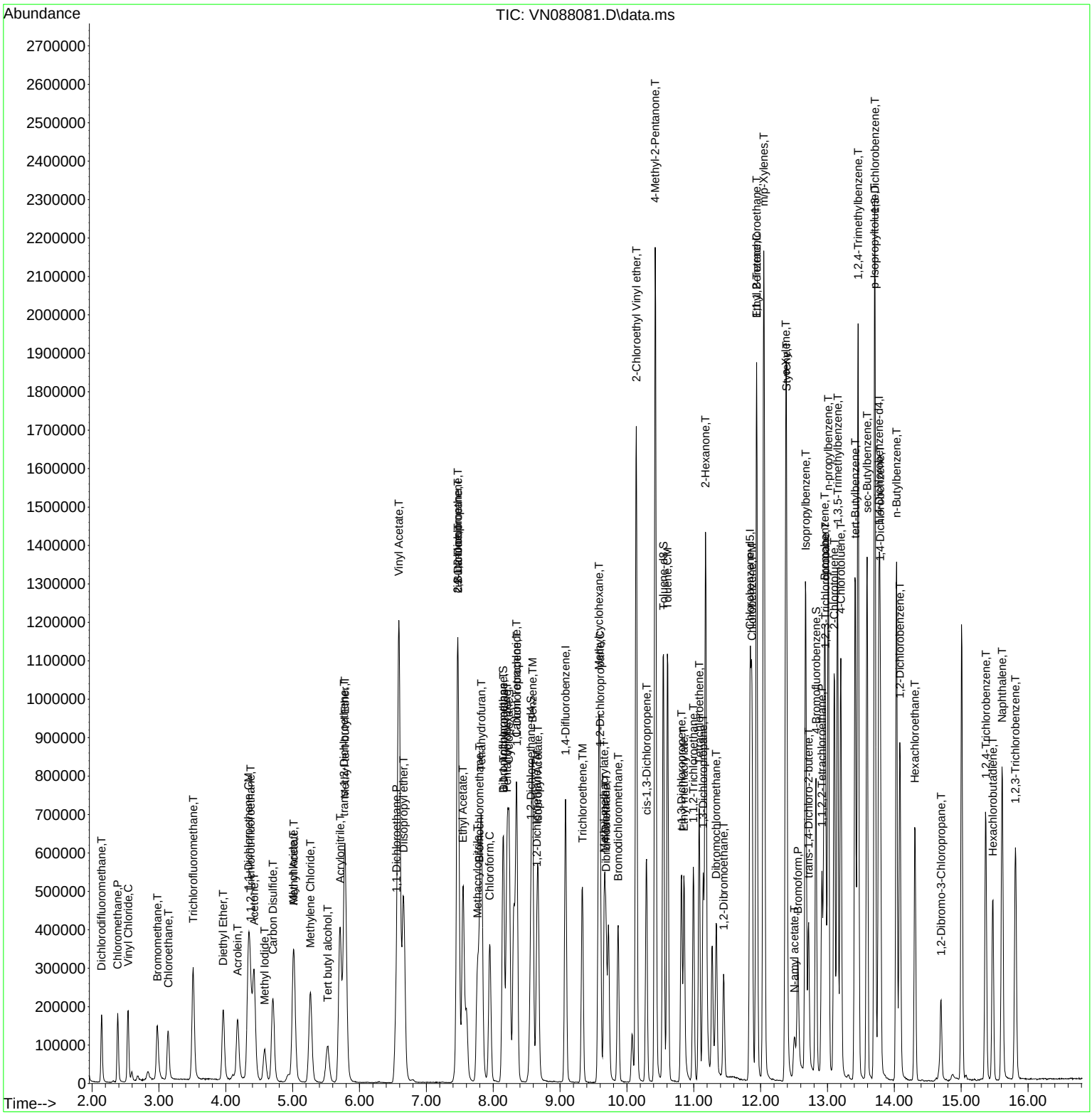
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088081.D
Acq On : 23 Oct 2025 11:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 02:42:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088082.D
Acq On : 23 Oct 2025 11:41
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 02:43:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	328655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	610283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	541844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	276404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	540367	95.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 190.160%#			
35) Dibromofluoromethane	8.147	113	399554	97.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.900%#			
50) Toluene-d8	10.547	98	1566524	99.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.320%#			
62) 4-Bromofluorobenzene	12.829	95	569341	102.048	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	323877	87.364	ug/l	98
3) Chloromethane	2.383	50	380310	87.199	ug/l	99
4) Vinyl Chloride	2.536	62	419872	88.355	ug/l	98
5) Bromomethane	2.959	94	255765	89.983	ug/l	99
6) Chloroethane	3.130	64	293645	85.765	ug/l	99
7) Trichlorofluoromethane	3.506	101	677579	89.398	ug/l	97
8) Diethyl Ether	3.959	74	262726	93.266	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	368583	94.241	ug/l	99
10) Methyl Iodide	4.577	142	443084	109.415	ug/l	99
11) Tert butyl alcohol	5.524	59	496669	507.281	ug/l	97
12) 1,1-Dichloroethene	4.330	96	359796	87.100	ug/l	96
13) Acrolein	4.177	56	535773	486.494	ug/l	100
14) Allyl chloride	5.012	41	739017	102.372	ug/l	97
15) Acrylonitrile	5.706	53	1398460	524.363	ug/l	98
16) Acetone	4.424	43	1352111	473.573	ug/l	95
17) Carbon Disulfide	4.700	76	1260006	100.343	ug/l	97
18) Methyl Acetate	5.012	43	588757	100.725	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	1557573	102.672	ug/l	99
20) Methylene Chloride	5.265	84	465262	103.852	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	442419	96.858	ug/l	97
22) Diisopropyl ether	6.659	45	1405211	92.284	ug/l	99
23) Vinyl Acetate	6.588	43	6435529	469.193	ug/l	100
24) 1,1-Dichloroethane	6.553	63	750482	88.975	ug/l	98
25) 2-Butanone	7.471	43	1695926	455.416	ug/l	99
26) 2,2-Dichloropropane	7.471	77	672222	87.699	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	456379	87.431	ug/l	97
28) Bromochloromethane	7.800	49	392057	98.372	ug/l	97
29) Tetrahydrofuran	7.824	42	1118711	456.222	ug/l	99
30) Chloroform	7.953	83	763656	90.626	ug/l	100
31) Cyclohexane	8.241	56	693259	87.146	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	666712	88.836	ug/l	97
36) 1,1-Dichloropropene	8.353	75	552930	92.365	ug/l	98
37) Ethyl Acetate	7.547	43	706621	91.855	ug/l	98
38) Carbon Tetrachloride	8.347	117	573295	92.723	ug/l	96
39) Methylcyclohexane	9.582	83	705005	91.622	ug/l	96
40) Benzene	8.588	78	1675215	91.888	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088082.D
Acq On : 23 Oct 2025 11:41
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 02:43:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.759	41	361660	88.949 ug/l		98
42) 1,2-Dichloroethane	8.653	62	585932	90.453 ug/l		100
43) Isopropyl Acetate	8.671	43	1114940	93.923 ug/l		98
44) Trichloroethene	9.335	130	388649	91.204 ug/l		94
45) 1,2-Dichloropropane	9.600	63	414728	90.107 ug/l		99
46) Dibromomethane	9.688	93	300542	91.556 ug/l		99
47) Bromodichloromethane	9.871	83	608546	92.594 ug/l	#	98
48) Methyl methacrylate	9.665	41	518783	92.006 ug/l		97
49) 1,4-Dioxane	9.682	88	129011	1892.672 ug/l	#	99
51) 4-Methyl-2-Pentanone	10.423	43	3369067	479.746 ug/l		99
52) Toluene	10.606	92	1051747	93.569 ug/l		97
53) t-1,3-Dichloropropene	10.818	75	682584	97.583 ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	716101	96.477 ug/l		95
55) 1,1,2-Trichloroethane	10.994	97	386802	90.704 ug/l		98
56) Ethyl methacrylate	10.853	69	690302	102.440 ug/l		96
57) 1,3-Dichloropropane	11.141	76	698638	93.206 ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1711029	487.433 ug/l		99
59) 2-Hexanone	11.176	43	2389312	518.272 ug/l		99
60) Dibromochloromethane	11.335	129	460237	94.953 ug/l		100
61) 1,2-Dibromoethane	11.447	107	413544	94.227 ug/l		99
64) Tetrachloroethene	11.082	164	322496	90.231 ug/l		97
65) Chlorobenzene	11.870	112	1141556	92.783 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	377142	93.562 ug/l		99
67) Ethyl Benzene	11.941	91	2030094	94.000 ug/l		99
68) m/p-Xylenes	12.047	106	1533978	189.570 ug/l		97
69) o-Xylene	12.376	106	741253	96.633 ug/l		98
70) Styrene	12.388	104	1262211	100.907 ug/l		99
71) Bromoform	12.559	173	299375	99.521 ug/l	#	98
73) Isopropylbenzene	12.676	105	1978907	92.826 ug/l		99
74) N-amyl acetate	12.488	43	604970	95.060 ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.917	83	596827	89.923 ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	560461m	94.724 ug/l		
77) Bromobenzene	12.959	156	436345	94.918 ug/l		98
78) n-propylbenzene	13.012	91	2451982	94.250 ug/l		98
79) 2-Chlorotoluene	13.100	91	1406851	94.825 ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	1673751	94.536 ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	222990	98.182 ug/l	#	79
82) 4-Chlorotoluene	13.200	91	1449779	90.321 ug/l		97
83) tert-Butylbenzene	13.417	119	1462710	92.484 ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	1665233	94.006 ug/l		99
85) sec-Butylbenzene	13.594	105	2145645	92.338 ug/l		100
86) p-Isopropyltoluene	13.706	119	1752529	94.017 ug/l		100
87) 1,3-Dichlorobenzene	13.711	146	848480	92.456 ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	874733	88.514 ug/l		99
89) n-Butylbenzene	14.035	91	1745999	94.560 ug/l		99
90) Hexachloroethane	14.311	117	337079	93.379 ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	812199	91.813 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	134329	86.956 ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	498767	93.098 ug/l		99
94) Hexachlorobutadiene	15.476	225	176342	88.389 ug/l		98
95) Naphthalene	15.611	128	1770584	96.473 ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	468875	91.276 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088082.D
Acq On : 23 Oct 2025 11:41
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:43:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 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

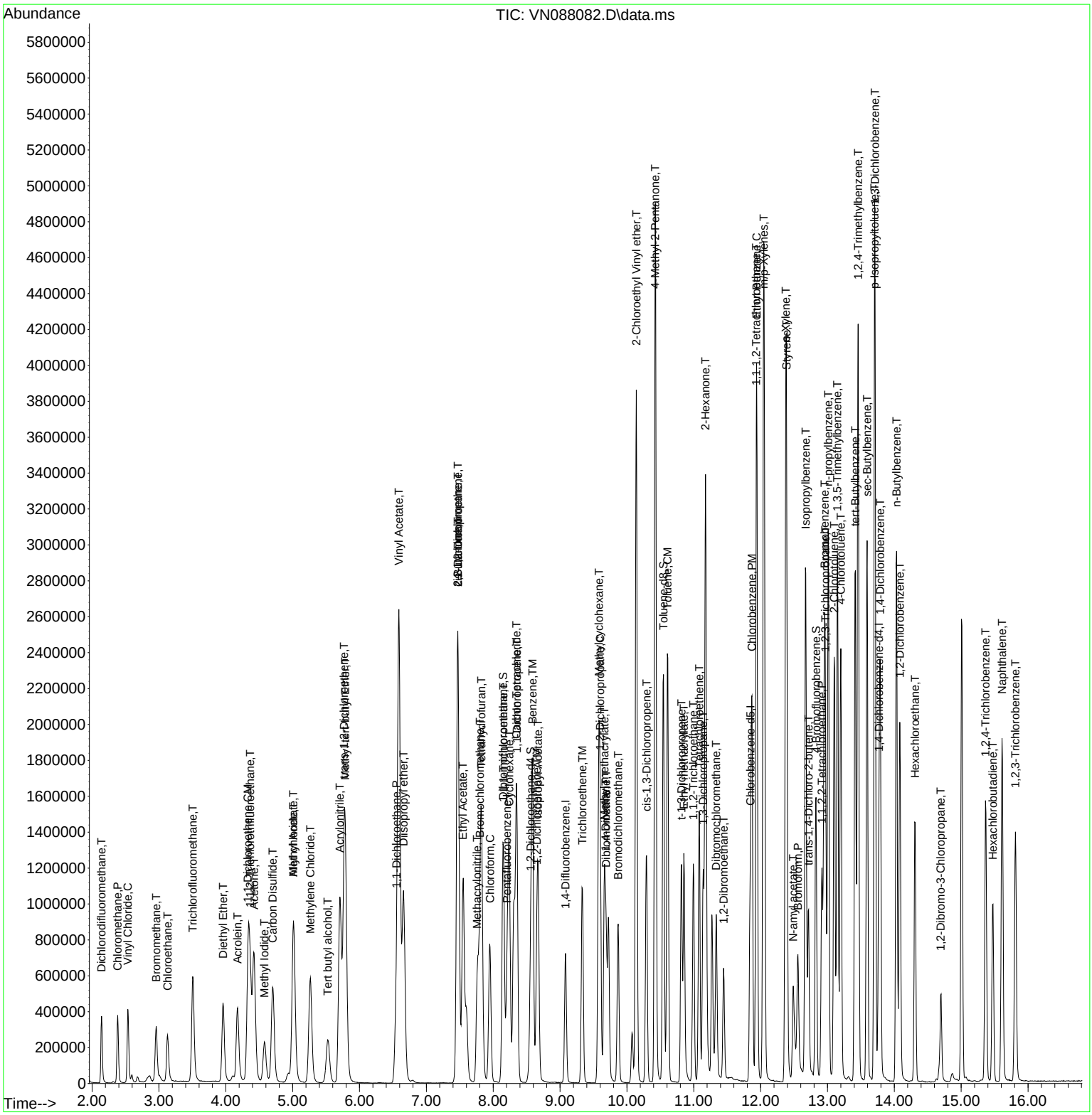
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088082.D
Acq On : 23 Oct 2025 11:41
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 02:43:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088083.D
Acq On : 23 Oct 2025 12:02
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	317042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	583838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	513566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	251277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	829477	151.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 302.600%#			
35) Dibromofluoromethane	8.147	113	612902	156.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.520%#			
50) Toluene-d8	10.547	98	2423445	160.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 320.700%#			
62) 4-Bromofluorobenzene	12.823	95	855591	160.301	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 320.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	559446	156.435	ug/l	100
3) Chloromethane	2.383	50	636497	151.285	ug/l	100
4) Vinyl Chloride	2.536	62	709780	154.833	ug/l	98
5) Bromomethane	2.942	94	399041	145.533	ug/l	99
6) Chloroethane	3.118	64	483772	146.472	ug/l	100
7) Trichlorofluoromethane	3.506	101	1113526	152.297	ug/l	97
8) Diethyl Ether	3.959	74	418383	153.964	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	620616	164.495	ug/l	99
10) Methyl Iodide	4.577	142	579553	146.858	ug/l	98
11) Tert butyl alcohol	5.536	59	687112	727.499	ug/l	98
12) 1,1-Dichloroethene	4.336	96	605802	152.025	ug/l	99
13) Acrolein	4.171	56	868773	817.761	ug/l	99
14) Allyl chloride	5.006	41	1039367	149.252	ug/l	97
15) Acrylonitrile	5.706	53	1962438	762.784	ug/l	99
16) Acetone	4.418	43	2050839	744.611	ug/l	97
17) Carbon Disulfide	4.700	76	1802128	148.772	ug/l	99
18) Methyl Acetate	5.012	43	837402	148.512	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	2227290	152.197	ug/l	98
20) Methylene Chloride	5.259	84	650781	150.235	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	645153	146.416	ug/l	98
22) Diisopropyl ether	6.659	45	2329739	158.605	ug/l	99
23) Vinyl Acetate	6.589	43	10671220	806.501	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1247462	153.312	ug/l	98
25) 2-Butanone	7.471	43	2779236	773.659	ug/l	99
26) 2,2-Dichloropropane	7.471	77	1131888	153.076	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	760672	151.064	ug/l	99
28) Bromochloromethane	7.794	49	596061	155.037	ug/l	97
29) Tetrahydrofuran	7.824	42	1817452	768.325	ug/l	100
30) Chloroform	7.947	83	1253456	154.201	ug/l	99
31) Cyclohexane	8.236	56	1181969	154.021	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	1103627	152.438	ug/l	96
36) 1,1-Dichloropropene	8.353	75	919113	160.490	ug/l	99
37) Ethyl Acetate	7.547	43	1144197	155.473	ug/l	98
38) Carbon Tetrachloride	8.341	117	956561	161.719	ug/l	96
39) Methylcyclohexane	9.577	83	1221844	165.983	ug/l	98
40) Benzene	8.588	78	2742115	157.221	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088083.D
Acq On : 23 Oct 2025 12:02
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 02:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	598399	153.840 ug/l	98
42) 1,2-Dichloroethane	8.653	62	970030	156.530 ug/l	100
43) Isopropyl Acetate	8.671	43	1833475	161.449 ug/l	98
44) Trichloroethene	9.335	130	646011	158.466 ug/l	95
45) 1,2-Dichloropropane	9.600	63	685501	155.683 ug/l	100
46) Dibromomethane	9.688	93	492395	156.795 ug/l	98
47) Bromodichloromethane	9.871	83	1002977	159.522 ug/l	98
48) Methyl methacrylate	9.659	41	858241	159.103 ug/l	96
49) 1,4-Dioxane	9.682	88	216888	3326.006 ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	5433828	808.811 ug/l	99
52) Toluene	10.606	92	1731531	161.024 ug/l	97
53) t-1,3-Dichloropropene	10.812	75	1142477	170.728 ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	1176069	165.622 ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	621088	152.240 ug/l	97
56) Ethyl methacrylate	10.853	69	1139330	176.733 ug/l	97
57) 1,3-Dichloropropane	11.141	76	1133717	158.102 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	3047762	907.564 ug/l	100
59) 2-Hexanone	11.177	43	3910437	886.644 ug/l	99
60) Dibromochloromethane	11.341	129	763098	164.568 ug/l	99
61) 1,2-Dibromoethane	11.447	107	679250	161.779 ug/l	99
64) Tetrachloroethene	11.082	164	530165	156.503 ug/l	94
65) Chlorobenzene	11.871	112	1860929	159.579 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	611842	160.145 ug/l	99
67) Ethyl Benzene	11.941	91	3353341	163.821 ug/l	100
68) m/p-Xylenes	12.047	106	2548912	332.341 ug/l	96
69) o-Xylene	12.376	106	1207897	166.137 ug/l	98
70) Styrene	12.388	104	2041763	172.216 ug/l	100
71) Bromoform	12.559	173	493476	173.079 ug/l #	98
73) Isopropylbenzene	12.671	105	3220528	166.175 ug/l	99
74) N-amyl acetate	12.482	43	1157298	151.264 ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	957146	158.633 ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	880864m	163.762 ug/l	
77) Bromobenzene	12.959	156	680258	162.773 ug/l	100
78) n-propylbenzene	13.012	91	3932907	166.291 ug/l	98
79) 2-Chlorotoluene	13.100	91	2271825	168.438 ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	2676801	166.308 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	383072	185.532 ug/l #	79
82) 4-Chlorotoluene	13.200	91	2338686	160.269 ug/l	98
83) tert-Butylbenzene	13.418	119	2359884	164.130 ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	2631783	163.426 ug/l	98
85) sec-Butylbenzene	13.594	105	3479715	164.725 ug/l	100
86) p-Isopropyltoluene	13.706	119	2852012	168.299 ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	1336615	160.211 ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	1384247	154.079 ug/l	100
89) n-Butylbenzene	14.029	91	2811417	167.487 ug/l	98
90) Hexachloroethane	14.306	117	554569	168.991 ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	1314340	163.434 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	229843	163.663 ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	833168	171.067 ug/l	99
94) Hexachlorobutadiene	15.476	225	297412	163.980 ug/l	99
95) Naphthalene	15.612	128	3005848	180.155 ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	800234	171.359 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088083.D
Acq On : 23 Oct 2025 12:02
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 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

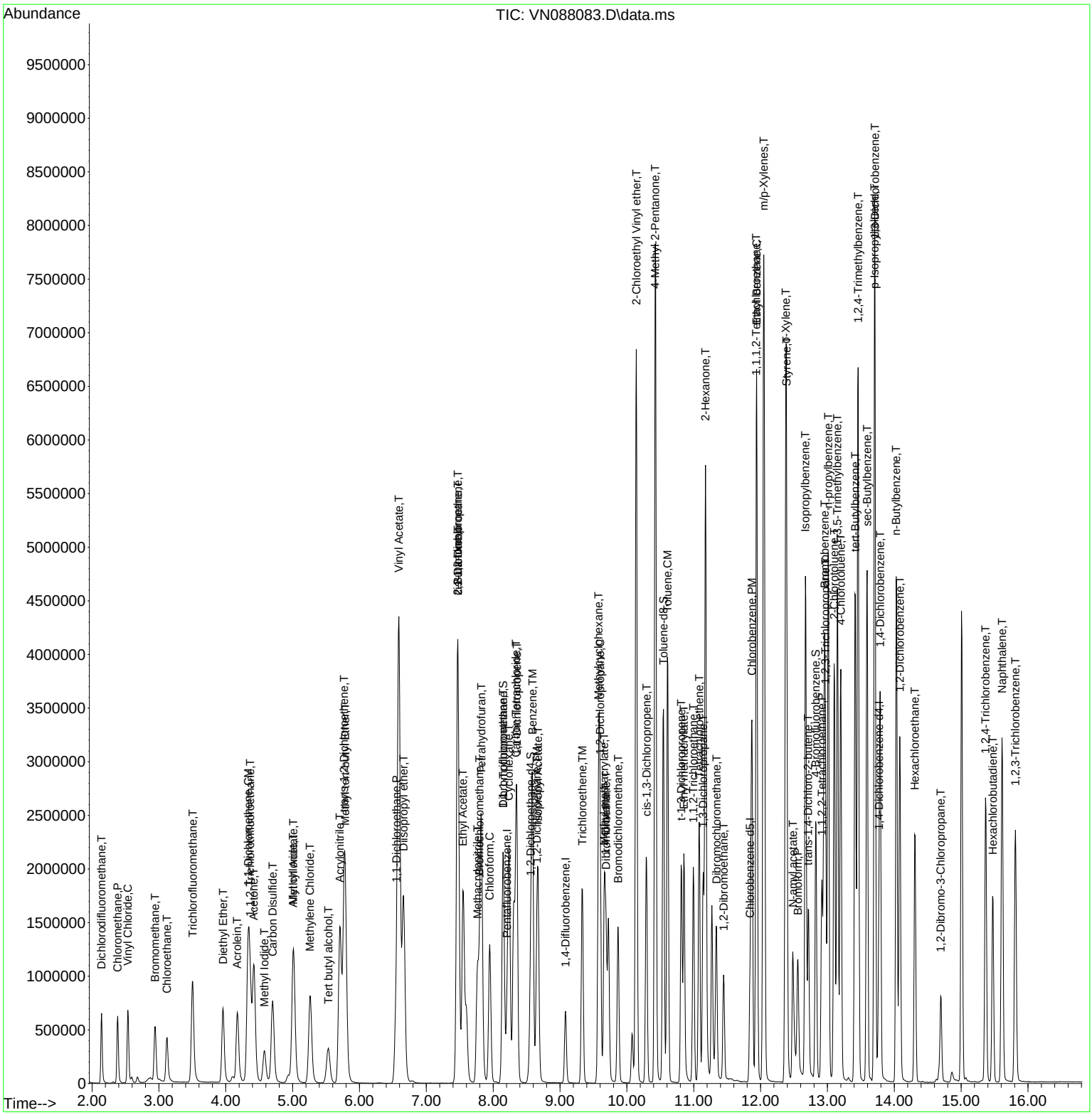
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088083.D
Acq On : 23 Oct 2025 12:02
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 02:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	329791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	629673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	552962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	275365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	266313	46.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.400%			
35) Dibromofluoromethane	8.147	113	194019	45.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.740%			
50) Toluene-d8	10.547	98	763509	46.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.680%			
62) 4-Bromofluorobenzene	12.829	95	270623	47.012	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	181807	48.872	ug/l	100
3) Chloromethane	2.383	50	219077	50.058	ug/l	100
4) Vinyl Chloride	2.536	62	236939	49.688	ug/l	100
5) Bromomethane	2.971	94	148038	51.903	ug/l	99
6) Chloroethane	3.136	64	174590	50.817	ug/l	95
7) Trichlorofluoromethane	3.512	101	391081	51.420	ug/l	100
8) Diethyl Ether	3.959	74	151702	53.668	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	214444	54.641	ug/l	98
10) Methyl Iodide	4.583	142	188924	48.914	ug/l	94
11) Tert butyl alcohol	5.512	59	223370	227.357	ug/l	100
12) 1,1-Dichloroethene	4.336	96	214504	51.748	ug/l	99
13) Acrolein	4.177	56	314965	285.010	ug/l	99
14) Allyl chloride	5.012	41	338733	46.622	ug/l	97
15) Acrylonitrile	5.706	53	652411	243.784	ug/l	98
16) Acetone	4.418	43	708708	247.368	ug/l	98
17) Carbon Disulfide	4.706	76	597135	47.390	ug/l	98
18) Methyl Acetate	5.018	43	278412	47.467	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	754371	49.555	ug/l	99
20) Methylene Chloride	5.259	84	226995	50.891	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	217864	47.883	ug/l	99
22) Diisopropyl ether	6.653	45	789811	51.691	ug/l	98
23) Vinyl Acetate	6.589	43	3597787	261.399	ug/l	99
24) 1,1-Dichloroethane	6.547	63	422648	49.935	ug/l	98
25) 2-Butanone	7.465	43	930039	246.326	ug/l	99
26) 2,2-Dichloropropane	7.471	77	384885	50.040	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	258806	49.410	ug/l	98
28) Bromochloromethane	7.794	49	202137	50.544	ug/l	100
29) Tetrahydrofuran	7.818	42	604070	245.497	ug/l	99
30) Chloroform	7.947	83	423655	50.104	ug/l	96
31) Cyclohexane	8.236	56	395022	49.485	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	374970	49.791	ug/l	98
36) 1,1-Dichloropropene	8.353	75	305017	49.383	ug/l	97
37) Ethyl Acetate	7.547	43	368137	46.186	ug/l	97
38) Carbon Tetrachloride	8.341	117	320797	50.287	ug/l	98
39) Methylcyclohexane	9.583	83	396292	49.916	ug/l	97
40) Benzene	8.588	78	933204	49.611	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	201543	48.042	ug/l		99
42) 1,2-Dichloroethane	8.647	62	333208	49.855	ug/l		100
43) Isopropyl Acetate	8.671	43	617708	50.434	ug/l		98
44) Trichloroethene	9.330	130	215931	49.112	ug/l		97
45) 1,2-Dichloropropane	9.600	63	233818	49.237	ug/l		94
46) Dibromomethane	9.688	93	169580	50.069	ug/l		98
47) Bromodichloromethane	9.865	83	341897	50.420	ug/l		97
48) Methyl methacrylate	9.659	41	285311	50.456	ug/l		97
49) 1,4-Dioxane	9.677	88	68041	967.465	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	1835452	253.315	ug/l		99
52) Toluene	10.606	92	584587	50.407	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	378294	52.416	ug/l		98
54) cis-1,3-Dichloropropene	10.288	75	396097	51.721	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	212827	48.370	ug/l		96
56) Ethyl methacrylate	10.853	69	377487	54.214	ug/l		96
57) 1,3-Dichloropropane	11.141	76	393469	50.877	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	973004	268.651	ug/l		99
59) 2-Hexanone	11.177	43	1284662	267.268	ug/l		98
60) Dibromochloromethane	11.341	129	253809	50.751	ug/l		99
61) 1,2-Dibromoethane	11.447	107	226306	49.976	ug/l		99
64) Tetrachloroethene	11.082	164	175856	48.214	ug/l		97
65) Chlorobenzene	11.871	112	637824	50.798	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.935	131	209987	51.047	ug/l		98
67) Ethyl Benzene	11.941	91	1128615	51.208	ug/l		99
68) m/p-Xylenes	12.047	106	859721	104.109	ug/l		98
69) o-Xylene	12.376	106	414102	52.899	ug/l		97
70) Styrene	12.388	104	691022	54.133	ug/l		99
71) Bromoform	12.559	173	158376	51.590	ug/l	#	98
73) Isopropylbenzene	12.671	105	1095685	51.590	ug/l		99
74) N-amyl acetate	12.500	43	282147	58.174	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.918	83	327851	49.583	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	313480m	49.793	ug/l		
77) Bromobenzene	12.959	156	240684	52.553	ug/l		98
78) n-propylbenzene	13.012	91	1344076	51.859	ug/l		98
79) 2-Chlorotoluene	13.100	91	775440	52.463	ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	914603	51.853	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	115268	51.074	ug/l	#	80
82) 4-Chlorotoluene	13.200	91	807500	50.497	ug/l		98
83) tert-Butylbenzene	13.418	119	807306	51.237	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	923338	52.321	ug/l		99
85) sec-Butylbenzene	13.594	105	1189055	51.364	ug/l		99
86) p-Isopropyltoluene	13.706	119	993123	53.478	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	469549	51.358	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	481076	48.992	ug/l		99
89) n-Butylbenzene	14.035	91	950993	51.698	ug/l		98
90) Hexachloroethane	14.306	117	181442	50.453	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	447427	50.769	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	72041	46.810	ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	265531	49.750	ug/l		99
94) Hexachlorobutadiene	15.470	225	96309	48.455	ug/l		97
95) Naphthalene	15.612	128	919023	50.263	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	250044	48.860	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 2025
Response via : Initial Calibration

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

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

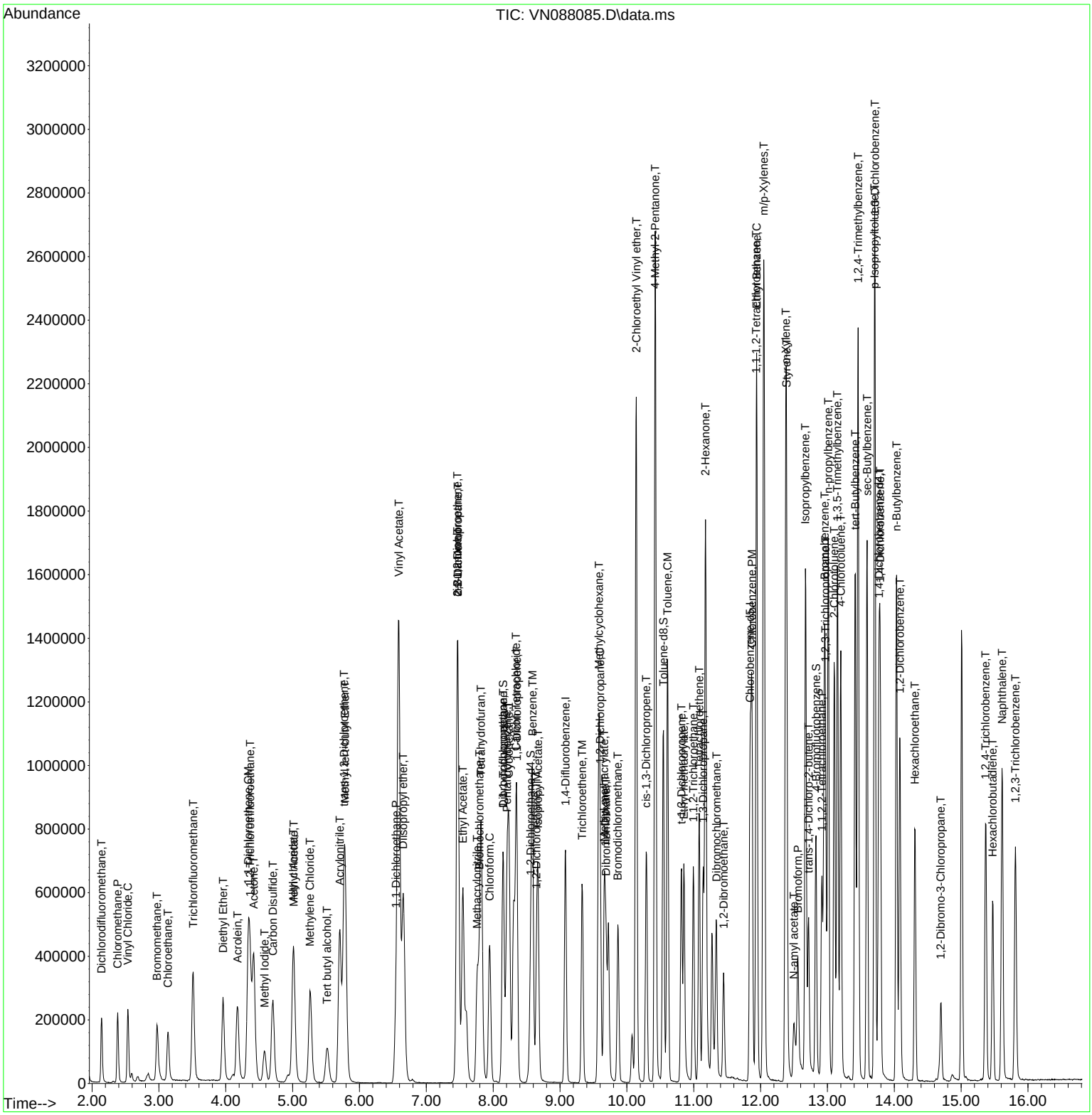
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 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	98	0.00
2	T	Dichlorodifluoromethane	0.564	0.551	2.3	118	0.00
3	P	Chloromethane	0.664	0.664	0.0	125	0.00
4	C	Vinyl Chloride	0.723	0.718	0.7#	121	0.00
5	T	Bromomethane	0.432	0.449	-3.9	128	0.00
6	T	Chloroethane	0.521	0.529	-1.5	125	0.00
7	T	Trichlorofluoromethane	1.153	1.186	-2.9	121	0.00
8	T	Diethyl Ether	0.429	0.460	-7.2	140	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.595	0.650	-9.2	133	0.00
10	T	Methyl Iodide	0.544	0.573	-5.3	123	0.00
11	T	Tert butyl alcohol	0.149	0.135	9.4	114	0.00
12	CM	1,1-Dichloroethene	0.628	0.650	-3.5#	137	0.00
13	T	Acrolein	0.168	0.191	-13.7	150#	0.00
14	T	Allyl chloride	1.102	1.027	6.8	123	0.00
15	T	Acrylonitrile	0.406	0.396	2.5	119	0.00
16	T	Acetone	0.434	0.430	0.9	131	0.00
17	T	Carbon Disulfide	1.910	1.811	5.2	119	0.00
18	T	Methyl Acetate	0.889	0.844	5.1	120	0.00
19	T	Methyl tert-butyl Ether	2.308	2.287	0.9	125	0.00
20	T	Methylene Chloride	0.729	0.688	5.6	124	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.661	4.2	120	0.00
22	T	Diisopropyl ether	2.317	2.395	-3.4	124	0.00
23	T	Vinyl Acetate	2.087	2.182	-4.6	123	0.00
24	P	1,1-Dichloroethane	1.283	1.282	0.1	122	0.00
25	T	2-Butanone	0.572	0.564	1.4	118	0.00
26	T	2,2-Dichloropropane	1.166	1.167	-0.1	124	0.00
27	T	cis-1,2-Dichloroethene	0.794	0.785	1.1	122	0.00
28	T	Bromochloromethane	0.606	0.613	-1.2	102	0.00
29	T	Tetrahydrofuran	0.373	0.366	1.9	121	0.00
30	C	Chloroform	1.282	1.285	-0.2#	120	0.00
31	T	Cyclohexane	1.210	1.198	1.0	121	0.00
32	T	1,1,1-Trichloroethane	1.142	1.137	0.4	122	0.00
33	S	1,2-Dichloroethane-d4	0.865	0.808	6.6	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.336	0.308	8.3	98	0.00
36	T	1,1-Dichloropropene	0.490	0.484	1.2	120	0.00
37	T	Ethyl Acetate	0.633	0.585	7.6	119	0.00
38	T	Carbon Tetrachloride	0.507	0.509	-0.4	122	0.00
39	T	Methylcyclohexane	0.630	0.629	0.2	120	0.00
40	TM	Benzene	1.494	1.482	0.8	122	0.00
41	T	Methacrylonitrile	0.333	0.320	3.9	119	0.00
42	TM	1,2-Dichloroethane	0.531	0.529	0.4	122	0.00
43	T	Isopropyl Acetate	0.973	0.981	-0.8	121	0.00
44	TM	Trichloroethene	0.349	0.343	1.7	121	0.00
45	C	1,2-Dichloropropane	0.377	0.371	1.6#	121	0.00
46	T	Dibromomethane	0.269	0.269	0.0	124	0.00
47	T	Bromodichloromethane	0.538	0.543	-0.9	124	0.00
48	T	Methyl methacrylate	0.449	0.453	-0.9	122	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 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	0.006	0.005	16.7	123	0.00
50	S	Toluene-d8	1.294	1.213	6.3	99	0.00
51	T	4-Methyl-2-Pentanone	0.575	0.583	-1.4	120	0.00
52	CM	Toluene	0.921	0.928	-0.8#	123	0.00
53	T	t-1,3-Dichloropropene	0.573	0.601	-4.9	126	0.00
54	T	cis-1,3-Dichloropropene	0.608	0.629	-3.5	126	0.00
55	T	1,1,2-Trichloroethane	0.349	0.338	3.2	120	0.00
56	T	Ethyl methacrylate	0.553	0.599	-8.3	126	0.00
57	T	1,3-Dichloropropane	0.614	0.625	-1.8	124	0.00
58	T	2-Chloroethyl Vinyl ether	0.288	0.309	-7.3	126	0.00
59	T	2-Hexanone	0.382	0.408	-6.8	123	0.00
60	T	Dibromochloromethane	0.397	0.403	-1.5	124	0.00
61	T	1,2-Dibromoethane	0.360	0.359	0.3	125	0.00
62	S	4-Bromofluorobenzene	0.457	0.430	5.9	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.330	0.318	3.6	122	0.00
65	PM	Chlorobenzene	1.135	1.153	-1.6	121	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.380	-2.2	121	0.00
67	C	Ethyl Benzene	1.993	2.041	-2.4#	122	0.00
68	T	m/p-Xylenes	0.747	0.777	-4.0	121	0.00
69	T	o-Xylene	0.708	0.749	-5.8	123	0.00
70	T	Styrene	1.154	1.250	-8.3	122	0.00
71	P	Bromoform	0.278	0.286	-2.9	121	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.856	3.979	-3.2	123	0.00
74	T	N-amyl acetate	1.095	1.025	6.4	109	0.00
75	P	1,1,2,2-Tetrachloroethane	1.201	1.191	0.8	122	0.00
76	T	1,2,3-Trichloropropane	1.143	1.138	0.4	120	0.00
77	T	Bromobenzene	0.832	0.874	-5.0	124	0.00
78	T	n-propylbenzene	4.706	4.881	-3.7	122	0.00
79	T	2-Chlorotoluene	2.684	2.816	-4.9	123	0.00
80	T	1,3,5-Trimethylbenzene	3.203	3.321	-3.7	122	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.419	-2.2	129	0.00
82	T	4-Chlorotoluene	2.904	2.932	-1.0	122	0.00
83	T	tert-Butylbenzene	2.861	2.932	-2.5	122	0.00
84	T	1,2,4-Trimethylbenzene	3.204	3.353	-4.7	121	0.00
85	T	sec-Butylbenzene	4.203	4.318	-2.7	121	0.00
86	T	p-Isopropyltoluene	3.372	3.607	-7.0	123	0.00
87	T	1,3-Dichlorobenzene	1.660	1.705	-2.7	121	0.00
88	T	1,4-Dichlorobenzene	1.783	1.747	2.0	122	0.00
89	T	n-Butylbenzene	3.340	3.454	-3.4	119	0.00
90	T	Hexachloroethane	0.653	0.659	-0.9	120	0.00
91	T	1,2-Dichlorobenzene	1.600	1.625	-1.6	123	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.262	6.1	120	0.00
93	T	1,2,4-Trichlorobenzene	0.969	0.964	0.5	120	0.00
94	T	Hexachlorobutadiene	0.361	0.350	3.0	117	0.00
95	T	Naphthalene	3.320	3.337	-0.5	119	0.00

ICAL Form

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Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.908	2.3	121	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\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	48.872	2.3	118	0.00
3	P	Chloromethane	50.000	50.058	-0.1	125	0.00
4	C	Vinyl Chloride	50.000	49.688	0.6#	121	0.00
5	T	Bromomethane	50.000	51.903	-3.8	128	0.00
6	T	Chloroethane	50.000	50.817	-1.6	125	0.00
7	T	Trichlorofluoromethane	50.000	51.420	-2.8	121	0.00
8	T	Diethyl Ether	50.000	53.668	-7.3	140	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.641	-9.3	133	0.00
10	T	Methyl Iodide	50.000	48.914	2.2	123	0.00
11	T	Tert butyl alcohol	250.000	227.357	9.1	114	0.00
12	CM	1,1-Dichloroethene	50.000	51.748	-3.5#	137	0.00
13	T	Acrolein	250.000	285.010	-14.0	150	0.00
14	T	Allyl chloride	50.000	46.622	6.8	123	0.00
15	T	Acrylonitrile	250.000	243.784	2.5	119	0.00
16	T	Acetone	250.000	247.368	1.1	131	0.00
17	T	Carbon Disulfide	50.000	47.390	5.2	119	0.00
18	T	Methyl Acetate	50.000	47.467	5.1	120	0.00
19	T	Methyl tert-butyl Ether	50.000	49.555	0.9	125	0.00
20	T	Methylene Chloride	50.000	50.891	-1.8	124	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.883	4.2	120	0.00
22	T	Diisopropyl ether	50.000	51.691	-3.4	124	0.00
23	T	Vinyl Acetate	250.000	261.399	-4.6	123	0.00
24	P	1,1-Dichloroethane	50.000	49.935	0.1	122	0.00
25	T	2-Butanone	250.000	246.326	1.5	118	0.00
26	T	2,2-Dichloropropane	50.000	50.040	-0.1	124	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.410	1.2	122	0.00
28	T	Bromochloromethane	50.000	50.544	-1.1	102	0.00
29	T	Tetrahydrofuran	250.000	245.497	1.8	121	0.00
30	C	Chloroform	50.000	50.104	-0.2#	120	0.00
31	T	Cyclohexane	50.000	49.485	1.0	121	0.00
32	T	1,1,1-Trichloroethane	50.000	49.791	0.4	122	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.699	6.6	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	45.865	8.3	98	0.00
36	T	1,1-Dichloropropene	50.000	49.383	1.2	120	0.00
37	T	Ethyl Acetate	50.000	46.186	7.6	119	0.00
38	T	Carbon Tetrachloride	50.000	50.287	-0.6	122	0.00
39	T	Methylcyclohexane	50.000	49.916	0.2	120	0.00
40	TM	Benzene	50.000	49.611	0.8	122	0.00
41	T	Methacrylonitrile	50.000	48.042	3.9	119	0.00
42	TM	1,2-Dichloroethane	50.000	49.855	0.3	122	0.00
43	T	Isopropyl Acetate	50.000	50.434	-0.9	121	0.00
44	TM	Trichloroethene	50.000	49.112	1.8	121	0.00
45	C	1,2-Dichloropropane	50.000	49.237	1.5#	121	0.00
46	T	Dibromomethane	50.000	50.069	-0.1	124	0.00
47	T	Bromodichloromethane	50.000	50.420	-0.8	124	0.00
48	T	Methyl methacrylate	50.000	50.456	-0.9	122	0.00

ICAL Form

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Data File : VN088085.D
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Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 03:16:47 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	967.465	3.3	123	0.00
50	S	Toluene-d8	50.000	46.842	6.3	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.315	-1.3	120	0.00
52	CM	Toluene	50.000	50.407	-0.8#	123	0.00
53	T	t-1,3-Dichloropropene	50.000	52.416	-4.8	126	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.721	-3.4	126	0.00
55	T	1,1,2-Trichloroethane	50.000	48.370	3.3	120	0.00
56	T	Ethyl methacrylate	50.000	54.214	-8.4	126	0.00
57	T	1,3-Dichloropropane	50.000	50.877	-1.8	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.651	-7.5	126	0.00
59	T	2-Hexanone	250.000	267.268	-6.9	123	0.00
60	T	Dibromochloromethane	50.000	50.751	-1.5	124	0.00
61	T	1,2-Dibromoethane	50.000	49.976	0.0	125	0.00
62	S	4-Bromofluorobenzene	50.000	47.012	6.0	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	48.214	3.6	122	0.00
65	PM	Chlorobenzene	50.000	50.798	-1.6	121	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.047	-2.1	121	0.00
67	C	Ethyl Benzene	50.000	51.208	-2.4#	122	0.00
68	T	m/p-Xylenes	100.000	104.109	-4.1	121	0.00
69	T	o-Xylene	50.000	52.899	-5.8	123	0.00
70	T	Styrene	50.000	54.133	-8.3	122	0.00
71	P	Bromoform	50.000	51.590	-3.2	121	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	51.590	-3.2	123	0.00
74	T	N-amyl acetate	50.000	58.174	-16.3	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.583	0.8	122	0.00
76	T	1,2,3-Trichloropropane	50.000	49.793	0.4	120	0.00
77	T	Bromobenzene	50.000	52.553	-5.1	124	0.00
78	T	n-propylbenzene	50.000	51.859	-3.7	122	0.00
79	T	2-Chlorotoluene	50.000	52.463	-4.9	123	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.853	-3.7	122	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.074	-2.1	129	0.00
82	T	4-Chlorotoluene	50.000	50.497	-1.0	122	0.00
83	T	tert-Butylbenzene	50.000	51.237	-2.5	122	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.321	-4.6	121	0.00
85	T	sec-Butylbenzene	50.000	51.364	-2.7	121	0.00
86	T	p-Isopropyltoluene	50.000	53.478	-7.0	123	0.00
87	T	1,3-Dichlorobenzene	50.000	51.358	-2.7	121	0.00
88	T	1,4-Dichlorobenzene	50.000	48.992	2.0	122	0.00
89	T	n-Butylbenzene	50.000	51.698	-3.4	119	0.00
90	T	Hexachloroethane	50.000	50.453	-0.9	120	0.00
91	T	1,2-Dichlorobenzene	50.000	50.769	-1.5	123	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.810	6.4	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.750	0.5	120	0.00
94	T	Hexachlorobutadiene	50.000	48.455	3.1	117	0.00
95	T	Naphthalene	50.000	50.263	-0.5	119	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088085.D
Acq On : 23 Oct 2025 14:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Quant Time: Oct 24 03:19:30 2025
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.860	2.3	121	0.00

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

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: LOCK01

Lab Code: ACE | SDG No.: Q3560

Instrument ID: MSVOA_N | Calibration Date/Time: 11/06/2025 11:00

Lab File ID: VN088197.D | Init. Calib. Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:42 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.723	0.645		-10.79	20
Chloroethane	0.521	0.419		-19.58	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.520		-17.2	20
Acrylonitrile	0.406	0.401		-1.23	20
Acetone	0.434	0.399		-8.06	20
Carbon Disulfide	1.910	1.582		-17.17	20
Methylene Chloride	0.729	0.671		-7.96	20
Vinyl Acetate	2.087	2.154		3.21	20
2-Butanone	0.572	0.561		-1.92	20
Carbon Tetrachloride	0.507	0.502		-0.99	20
cis-1,2-Dichloroethene	0.794	0.742		-6.55	20
Bromochloromethane	0.606	0.675		11.39	20
Chloroform	1.282	1.278		-0.31	20
1,1,1-Trichloroethane	1.142	1.106		-3.15	20
Benzene	1.494	1.426		-4.55	20
1,2-Dichloropropane	0.377	0.374		-0.8	20
Dibromomethane	0.269	0.275		2.23	20
Bromodichloromethane	0.538	0.567		5.39	20
4-Methyl-2-Pentanone	0.575	0.605		5.22	20
Toluene	0.921	0.887		-3.69	20
t-1,3-Dichloropropene	0.573	0.626		9.25	20
cis-1,3-Dichloropropene	0.608	0.630		3.62	20
2-Hexanone	0.382	0.415		8.64	20
Dibromochloromethane	0.397	0.411		3.53	20
1,2-Dibromoethane	0.360	0.361		0.28	20
Tetrachloroethene	0.330	0.308		-6.67	20
Chlorobenzene	1.135	1.107	0.3	-2.47	20
1,1,1,2-Tetrachloroethane	0.372	0.389		4.57	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.735		-1.61	20
o-Xylene	0.708	0.713		0.71	20
Styrene	1.154	1.219		5.63	20
Bromoform	0.278	0.305	0.1	9.71	20
1,1,2,2-Tetrachloroethane	1.201	1.232	0.3	2.58	20
1,2,3-Trichloropropane	1.143	1.225		7.17	20
1,4-Dichlorobenzene	1.783	1.710		-4.09	20
1,2-Dichlorobenzene	1.600	1.563		-2.31	20

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

Raw Data: **VN088197.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	LOCK01
Lab Code:	ACE	SDG No.:	Q3560
Instrument ID:	MSVOA_N	Calibration Date/Time:	11/06/2025 11:00
Lab File ID:	VN088197.D	Init. Calib. Date(s):	10/23/2025 10/23/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:42 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.279	0.290		3.94	20
1,2-Dichloroethane-d4	0.865	0.909		5.09	20
Dibromofluoromethane	0.336	0.334		-0.6	20
Toluene-d8	1.294	1.260		-2.63	20
4-Bromofluorobenzene	0.457	0.471		3.06	20
Methyl Iodide	0.544	0.566		4.04	20
trans-1,4-Dichloro-2-butene	0.410	0.437		6.59	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\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	361073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	666324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	581281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	283428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	328376	52.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.180%			
35) Dibromofluoromethane	8.147	113	222387	49.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	10.541	98	839271	48.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.829	95	313584	51.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	183079	44.951	ug/l	97
3) Chloromethane	2.383	50	200998	41.948	ug/l	99
4) Vinyl Chloride	2.536	62	233036	44.636	ug/l	97
5) Bromomethane	2.971	94	130163	41.683	ug/l	96
6) Chloroethane	3.136	64	151439	40.260	ug/l	100
7) Trichlorofluoromethane	3.506	101	355956	42.747	ug/l	97
8) Diethyl Ether	3.959	74	146011	47.179	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	187837	43.715	ug/l	98
10) Methyl Iodide	4.577	142	204218	52.005	ug/l	99
11) Tert butyl alcohol	5.524	59	265706	247.018	ug/l	99
12) 1,1-Dichloroethene	4.336	96	187799	41.381	ug/l	91
13) Acrolein	4.177	56	231229	191.110	ug/l	100
14) Allyl chloride	5.006	41	376504	47.332	ug/l	99
15) Acrylonitrile	5.706	53	724844	247.384	ug/l	99
16) Acetone	4.418	43	719552	229.394	ug/l	99
17) Carbon Disulfide	4.706	76	571218	41.406	ug/l	98
18) Methyl Acetate	5.018	43	331257	51.584	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	860339	51.620	ug/l	97
20) Methylene Chloride	5.259	84	242389	46.034	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	220125	44.189	ug/l	99
22) Diisopropyl ether	6.659	45	839839	50.203	ug/l	98
23) Vinyl Acetate	6.589	43	3888255	258.028	ug/l	99
24) 1,1-Dichloroethane	6.553	63	450320	48.595	ug/l	99
25) 2-Butanone	7.471	43	1013061	245.069	ug/l	99
26) 2,2-Dichloropropane	7.477	77	405093	48.104	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	267767	46.692	ug/l	93
28) Bromochloromethane	7.794	49	243643	55.644	ug/l	99
29) Tetrahydrofuran	7.824	42	648395	240.682	ug/l	99
30) Chloroform	7.947	83	461530	49.854	ug/l	98
31) Cyclohexane	8.235	56	382318	43.744	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	399309	48.429	ug/l	99
36) 1,1-Dichloropropene	8.353	75	319243	48.843	ug/l	99
37) Ethyl Acetate	7.547	43	414204	49.107	ug/l	97
38) Carbon Tetrachloride	8.341	117	334343	49.528	ug/l	95
39) Methylcyclohexane	9.582	83	346031	41.188	ug/l	98
40) Benzene	8.588	78	950108	47.731	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	219840	49.521	ug/l		98
42) 1,2-Dichloroethane	8.647	62	382519	54.084	ug/l		99
43) Isopropyl Acetate	8.671	43	673655	51.976	ug/l		98
44) Trichloroethene	9.330	130	223931	48.130	ug/l		99
45) 1,2-Dichloropropane	9.600	63	248990	49.548	ug/l		100
46) Dibromomethane	9.688	93	183186	51.111	ug/l		98
47) Bromodichloromethane	9.865	83	377848	52.657	ug/l		99
48) Methyl methacrylate	9.665	41	322676	53.925	ug/l		99
49) 1,4-Dioxane	9.682	88	78651	1056.814	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.424	43	2015655	262.884	ug/l		99
52) Toluene	10.606	92	590716	48.133	ug/l		97
53) t-1,3-Dichloropropene	10.812	75	416830	54.579	ug/l		99
54) cis-1,3-Dichloropropene	10.288	75	420085	51.836	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	226126	48.566	ug/l		97
56) Ethyl methacrylate	10.853	69	409411	55.565	ug/l		98
57) 1,3-Dichloropropane	11.141	76	418880	51.183	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1134178	295.927	ug/l		99
59) 2-Hexanone	11.176	43	1383404	271.980	ug/l		99
60) Dibromochloromethane	11.335	129	273750	51.728	ug/l		100
61) 1,2-Dibromoethane	11.447	107	240829	50.258	ug/l		99
64) Tetrachloroethene	11.082	164	179219	46.742	ug/l		96
65) Chlorobenzene	11.871	112	643318	48.740	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	225856	52.230	ug/l		99
67) Ethyl Benzene	11.941	91	1143816	49.369	ug/l		100
68) m/p-Xylenes	12.047	106	854968	98.489	ug/l		100
69) o-Xylene	12.376	106	414598	50.382	ug/l		99
70) Styrene	12.388	104	708429	52.793	ug/l		97
71) Bromoform	12.559	173	177159	54.897	ug/l	#	99
73) Isopropylbenzene	12.671	105	1069170	48.910	ug/l		100
74) N-amyl acetate	12.500	43	294978m	47.535	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	349119	51.298	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	347305m	53.596	ug/l		
77) Bromobenzene	12.959	156	243847	51.729	ug/l		94
78) n-propylbenzene	13.012	91	1286470	48.224	ug/l		99
79) 2-Chlorotoluene	13.100	91	791500	52.027	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	892685	49.170	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	123904	53.338	ug/l		85
82) 4-Chlorotoluene	13.200	91	818980	49.758	ug/l		99
83) tert-Butylbenzene	13.412	119	755208	46.567	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	911175	50.163	ug/l		98
85) sec-Butylbenzene	13.594	105	1056811	44.353	ug/l		99
86) p-Isopropyltoluene	13.706	119	885544	46.329	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	460147	48.898	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	484765	47.963	ug/l		99
89) n-Butylbenzene	14.029	91	821878	43.408	ug/l		99
90) Hexachloroethane	14.312	117	169656	45.834	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	442866	48.822	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	82079	51.816	ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	229269	41.734	ug/l		99
94) Hexachlorobutadiene	15.476	225	83175	40.657	ug/l		97
95) Naphthalene	15.611	128	846661	44.988	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	208129	39.512	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

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

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

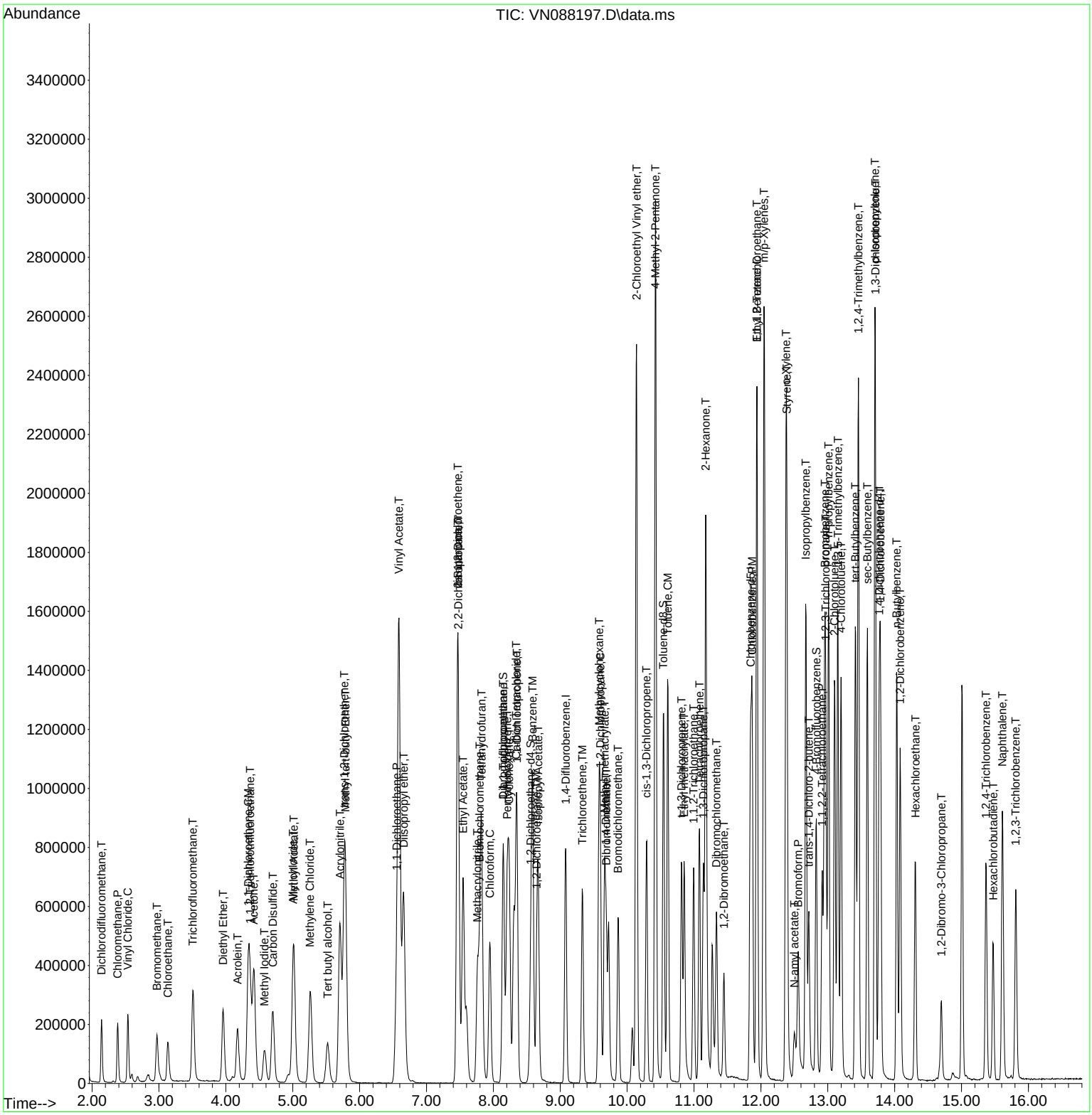
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



Evaluate Continuing Calibration Report

Sample Results: **VN088197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	107	0.00
2	T	Dichlorodifluoromethane	0.564	0.507	10.1	118	0.00
3	P	Chloromethane	0.664	0.557	16.1	115	0.00
4	C	Vinyl Chloride	0.723	0.645	10.8#	119	0.00
5	T	Bromomethane	0.432	0.360	16.7	113	0.00
6	T	Chloroethane	0.521	0.419	19.6	109	0.00
7	T	Trichlorofluoromethane	1.153	0.986	14.5	110	0.00
8	T	Diethyl Ether	0.429	0.404	5.8	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.595	0.520	12.6	117	0.00
10	T	Methyl Iodide	0.544	0.566	-4.0	132	0.00
11	T	Tert butyl alcohol	0.149	0.147	1.3	136	0.00
12	CM	1,1-Dichloroethene	0.628	0.520	17.2#	120	0.00
13	T	Acrolein	0.168	0.128	23.8	110	0.00
14	T	Allyl chloride	1.102	1.043	5.4	137	0.00
15	T	Acrylonitrile	0.406	0.401	1.2	132	0.00
16	T	Acetone	0.434	0.399	8.1	133	0.00
17	T	Carbon Disulfide	1.910	1.582	17.2	114	0.00
18	T	Methyl Acetate	0.889	0.917	-3.1	142	0.00
19	T	Methyl tert-butyl Ether	2.308	2.383	-3.2	142	0.00
20	T	Methylene Chloride	0.729	0.671	8.0	133	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.610	11.6	121	0.00
22	T	Diisopropyl ether	2.317	2.326	-0.4	132	0.00
23	T	Vinyl Acetate	2.087	2.154	-3.2	132	0.00
24	P	1,1-Dichloroethane	1.283	1.247	2.8	130	0.00
25	T	2-Butanone	0.572	0.561	1.9	129	0.00
26	T	2,2-Dichloropropane	1.166	1.122	3.8	130	0.00
27	T	cis-1,2-Dichloroethene	0.794	0.742	6.5	126	0.00
28	T	Bromochloromethane	0.606	0.675	-11.4	122	0.00
29	T	Tetrahydrofuran	0.373	0.359	3.8	129	0.00
30	C	Chloroform	1.282	1.278	0.3#	131	0.00
31	T	Cyclohexane	1.210	1.059	12.5	117	0.00
32	T	1,1,1-Trichloroethane	1.142	1.106	3.2	130	0.00
33	S	1,2-Dichloroethane-d4	0.865	0.909	-5.1	121	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.336	0.334	0.6	112	0.00
36	T	1,1-Dichloropropene	0.490	0.479	2.2	125	0.00
37	T	Ethyl Acetate	0.633	0.622	1.7	134	0.00
38	T	Carbon Tetrachloride	0.507	0.502	1.0	128	0.00
39	T	Methylcyclohexane	0.630	0.519	17.6	105	0.00
40	TM	Benzene	1.494	1.426	4.6	124	0.00
41	T	Methacrylonitrile	0.333	0.330	0.9	129	0.00
42	TM	1,2-Dichloroethane	0.531	0.574	-8.1	140	0.00
43	T	Isopropyl Acetate	0.973	1.011	-3.9	132	0.00
44	TM	Trichloroethene	0.349	0.336	3.7	125	0.00
45	C	1,2-Dichloropropane	0.377	0.374	0.8#	129	0.00
46	T	Dibromomethane	0.269	0.275	-2.2	133	0.00
47	T	Bromodichloromethane	0.538	0.567	-5.4	137	0.00
48	T	Methyl methacrylate	0.449	0.484	-7.8	138	0.00

Sample Results: **VN088197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	0.006	0.006	0.0	142	0.00
50	S	Toluene-d8	1.294	1.260	2.6	109	0.00
51	T	4-Methyl-2-Pentanone	0.575	0.605	-5.2	132	0.00
52	CM	Toluene	0.921	0.887	3.7#	124	0.00
53	T	t-1,3-Dichloropropene	0.573	0.626	-9.2	139	0.00
54	T	cis-1,3-Dichloropropene	0.608	0.630	-3.6	133	0.00
55	T	1,1,2-Trichloroethane	0.349	0.339	2.9	128	0.00
56	T	Ethyl methacrylate	0.553	0.614	-11.0	137	0.00
57	T	1,3-Dichloropropane	0.614	0.629	-2.4	132	0.00
58	T	2-Chloroethyl Vinyl ether	0.288	0.340	-18.1	147	0.00
59	T	2-Hexanone	0.382	0.415	-8.6	132	0.00
60	T	Dibromochloromethane	0.397	0.411	-3.5	133	0.00
61	T	1,2-Dibromoethane	0.360	0.361	-0.3	133	0.00
62	S	4-Bromofluorobenzene	0.457	0.471	-3.1	114	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.330	0.308	6.7	124	0.00
65	PM	Chlorobenzene	1.135	1.107	2.5	122	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.389	-4.6	130	0.00
67	C	Ethyl Benzene	1.993	1.968	1.3#	124	0.00
68	T	m/p-Xylenes	0.747	0.735	1.6	120	0.00
69	T	o-Xylene	0.708	0.713	-0.7	123	0.00
70	T	Styrene	1.154	1.219	-5.6	125	0.00
71	P	Bromoform	0.278	0.305	-9.7	136	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73	T	Isopropylbenzene	3.856	3.772	2.2	120	0.00
74	T	N-amyl acetate	1.095	1.041	4.9	114	0.00
75	P	1,1,2,2-Tetrachloroethane	1.201	1.232	-2.6	130	0.00
76	T	1,2,3-Trichloropropane	1.143	1.225	-7.2	133	0.00
77	T	Bromobenzene	0.832	0.860	-3.4	126	0.00
78	T	n-propylbenzene	4.706	4.539	3.5	116	0.00
79	T	2-Chlorotoluene	2.684	2.793	-4.1	125	0.00
80	T	1,3,5-Trimethylbenzene	3.203	3.150	1.7	119	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.437	-6.6	139	0.00
82	T	4-Chlorotoluene	2.904	2.890	0.5	124	0.00
83	T	tert-Butylbenzene	2.861	2.665	6.9	114	0.00
84	T	1,2,4-Trimethylbenzene	3.204	3.215	-0.3	120	0.00
85	T	sec-Butylbenzene	4.203	3.729	11.3	107	0.00
86	T	p-Isopropyltoluene	3.372	3.124	7.4	110	0.00
87	T	1,3-Dichlorobenzene	1.660	1.624	2.2	118	0.00
88	T	1,4-Dichlorobenzene	1.783	1.710	4.1	123	0.00
89	T	n-Butylbenzene	3.340	2.900	13.2	103	0.00
90	T	Hexachloroethane	0.653	0.599	8.3	113	0.00
91	T	1,2-Dichlorobenzene	1.600	1.563	2.3	122	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.290	-3.9	136	0.00
93	T	1,2,4-Trichlorobenzene	0.969	0.809	16.5	104	0.00
94	T	Hexachlorobutadiene	0.361	0.293	18.8	101	0.00
95	T	Naphthalene	3.320	2.987	10.0	110	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.734	21.0	100	0.00

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

Sample Results: **VN088197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	107	0.00
2	T	Dichlorodifluoromethane	50.000	44.951	10.1	118	0.00
3	P	Chloromethane	50.000	41.948	16.1	115	0.00
4	C	Vinyl Chloride	50.000	44.636	10.7#	119	0.00
5	T	Bromomethane	50.000	41.683	16.6	113	0.00
6	T	Chloroethane	50.000	40.260	19.5	109	0.00
7	T	Trichlorofluoromethane	50.000	42.747	14.5	110	0.00
8	T	Diethyl Ether	50.000	47.179	5.6	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.715	12.6	117	0.00
10	T	Methyl Iodide	50.000	52.005	-4.0	132	0.00
11	T	Tert butyl alcohol	250.000	247.018	1.2	136	0.00
12	CM	1,1-Dichloroethene	50.000	41.381	17.2#	120	0.00
13	T	Acrolein	250.000	191.110	23.6	110	0.00
14	T	Allyl chloride	50.000	47.332	5.3	137	0.00
15	T	Acrylonitrile	250.000	247.384	1.0	132	0.00
16	T	Acetone	250.000	229.394	8.2	133	0.00
17	T	Carbon Disulfide	50.000	41.406	17.2	114	0.00
18	T	Methyl Acetate	50.000	51.584	-3.2	142	0.00
19	T	Methyl tert-butyl Ether	50.000	51.620	-3.2	142	0.00
20	T	Methylene Chloride	50.000	46.034	7.9	133	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.189	11.6	121	0.00
22	T	Diisopropyl ether	50.000	50.203	-0.4	132	0.00
23	T	Vinyl Acetate	250.000	258.028	-3.2	132	0.00
24	P	1,1-Dichloroethane	50.000	48.595	2.8	130	0.00
25	T	2-Butanone	250.000	245.069	2.0	129	0.00
26	T	2,2-Dichloropropane	50.000	48.104	3.8	130	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.692	6.6	126	0.00
28	T	Bromochloromethane	50.000	55.644	-11.3	122	0.00
29	T	Tetrahydrofuran	250.000	240.682	3.7	129	0.00
30	C	Chloroform	50.000	49.854	0.3#	131	0.00
31	T	Cyclohexane	50.000	43.744	12.5	117	0.00
32	T	1,1,1-Trichloroethane	50.000	48.429	3.1	130	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.593	-5.2	121	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	49.680	0.6	112	0.00
36	T	1,1-Dichloropropene	50.000	48.843	2.3	125	0.00
37	T	Ethyl Acetate	50.000	49.107	1.8	134	0.00
38	T	Carbon Tetrachloride	50.000	49.528	0.9	128	0.00
39	T	Methylcyclohexane	50.000	41.188	17.6	105	0.00
40	TM	Benzene	50.000	47.731	4.5	124	0.00
41	T	Methacrylonitrile	50.000	49.521	1.0	129	0.00
42	TM	1,2-Dichloroethane	50.000	54.084	-8.2	140	0.00
43	T	Isopropyl Acetate	50.000	51.976	-4.0	132	0.00
44	TM	Trichloroethene	50.000	48.130	3.7	125	0.00
45	C	1,2-Dichloropropane	50.000	49.548	0.9#	129	0.00
46	T	Dibromomethane	50.000	51.111	-2.2	133	0.00
47	T	Bromodichloromethane	50.000	52.657	-5.3	137	0.00
48	T	Methyl methacrylate	50.000	53.925	-7.8	138	0.00

Sample Results: **VN088197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	1056.814	-5.7	142	0.00
50	S	Toluene-d8	50.000	48.658	2.7	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.884	-5.2	132	0.00
52	CM	Toluene	50.000	48.133	3.7#	124	0.00
53	T	t-1,3-Dichloropropene	50.000	54.579	-9.2	139	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.836	-3.7	133	0.00
55	T	1,1,2-Trichloroethane	50.000	48.566	2.9	128	0.00
56	T	Ethyl methacrylate	50.000	55.565	-11.1	137	0.00
57	T	1,3-Dichloropropane	50.000	51.183	-2.4	132	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.927	-18.4	147	0.00
59	T	2-Hexanone	250.000	271.980	-8.8	132	0.00
60	T	Dibromochloromethane	50.000	51.728	-3.5	133	0.00
61	T	1,2-Dibromoethane	50.000	50.258	-0.5	133	0.00
62	S	4-Bromofluorobenzene	50.000	51.479	-3.0	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	46.742	6.5	124	0.00
65	PM	Chlorobenzene	50.000	48.740	2.5	122	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.230	-4.5	130	0.00
67	C	Ethyl Benzene	50.000	49.369	1.3#	124	0.00
68	T	m/p-Xylenes	100.000	98.489	1.5	120	0.00
69	T	o-Xylene	50.000	50.382	-0.8	123	0.00
70	T	Styrene	50.000	52.793	-5.6	125	0.00
71	P	Bromoform	50.000	54.897	-9.8	136	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	48.910	2.2	120	0.00
74	T	N-amyl acetate	50.000	47.535	4.9	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.298	-2.6	130	0.00
76	T	1,2,3-Trichloropropane	50.000	53.596	-7.2	133	0.00
77	T	Bromobenzene	50.000	51.729	-3.5	126	0.00
78	T	n-propylbenzene	50.000	48.224	3.6	116	0.00
79	T	2-Chlorotoluene	50.000	52.027	-4.1	125	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.170	1.7	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.338	-6.7	139	0.00
82	T	4-Chlorotoluene	50.000	49.758	0.5	124	0.00
83	T	tert-Butylbenzene	50.000	46.567	6.9	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.163	-0.3	120	0.00
85	T	sec-Butylbenzene	50.000	44.353	11.3	107	0.00
86	T	p-Isopropyltoluene	50.000	46.329	7.3	110	0.00
87	T	1,3-Dichlorobenzene	50.000	48.898	2.2	118	0.00
88	T	1,4-Dichlorobenzene	50.000	47.963	4.1	123	0.00
89	T	n-Butylbenzene	50.000	43.408	13.2	103	0.00
90	T	Hexachloroethane	50.000	45.834	8.3	113	0.00
91	T	1,2-Dichlorobenzene	50.000	48.822	2.4	122	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.816	-3.6	136	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.734	16.5	104	0.00
94	T	Hexachlorobutadiene	50.000	40.657	18.7	101	0.00
95	T	Naphthalene	50.000	44.988	10.0	110	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	39.512	21.0	100	0.00

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

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: LOCK01

Lab Code: ACE | SDG No.: Q3560

Instrument ID: MSVOA_N | Calibration Date/Time: 11/07/2025 09:49

Lab File ID: VN088222.D | Init. Calib. Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:42 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.723	0.677		-6.36	20
Chloroethane	0.521	0.461		-11.52	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.542		-13.69	20
Acrylonitrile	0.406	0.478		17.73	20
Acetone	0.434	0.468		7.83	20
Carbon Disulfide	1.910	1.704		-10.78	20
Methylene Chloride	0.729	0.740		1.51	20
Vinyl Acetate	2.087	2.355		12.84	20
2-Butanone	0.572	0.668		16.78	20
Carbon Tetrachloride	0.507	0.488		-3.75	20
cis-1,2-Dichloroethene	0.794	0.817		2.9	20
Bromochloromethane	0.606	0.719		18.65	20
Chloroform	1.282	1.382		7.8	20
1,1,1-Trichloroethane	1.142	1.129		-1.14	20
Benzene	1.494	1.503		0.6	20
1,2-Dichloropropane	0.377	0.399		5.84	20
Dibromomethane	0.269	0.284		5.58	20
Bromodichloromethane	0.538	0.589		9.48	20
4-Methyl-2-Pentanone	0.575	0.666		15.83	20
Toluene	0.921	0.907		-1.52	20
t-1,3-Dichloropropene	0.573	0.628		9.6	20
cis-1,3-Dichloropropene	0.608	0.653		7.4	20
2-Hexanone	0.382	0.461		20.68	20
Dibromochloromethane	0.397	0.420		5.79	20
1,2-Dibromoethane	0.360	0.378		5	20
Tetrachloroethene	0.330	0.303		-8.18	20
Chlorobenzene	1.135	1.142	0.3	0.62	20
1,1,1,2-Tetrachloroethane	0.372	0.385		3.49	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.732		-2.01	20
o-Xylene	0.708	0.712		0.56	20
Styrene	1.154	1.231		6.67	20
Bromoform	0.278	0.307	0.1	10.43	20
1,1,2,2-Tetrachloroethane	1.201	1.292	0.3	7.58	20
1,2,3-Trichloropropane	1.143	1.113		-2.63	20
1,4-Dichlorobenzene	1.783	1.684		-5.55	20
1,2-Dichlorobenzene	1.600	1.592		-0.5	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	LOCK01
Lab Code:	ACE	SDG No.:	Q3560
Instrument ID:	MSVOA_N	Calibration Date/Time:	11/07/2025 09:49
Lab File ID:	VN088222.D	Init. Calib. Date(s):	10/23/2025 10/23/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:42 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.279	0.308		10.39	20
1,2-Dichloroethane-d4	0.865	0.970		12.14	20
Dibromofluoromethane	0.336	0.348		3.57	20
Toluene-d8	1.294	1.257		-2.86	20
4-Bromofluorobenzene	0.457	0.470		2.85	20
Methyl Iodide	0.544	0.609		11.95	20
trans-1,4-Dichloro-2-butene	0.410	0.434		5.85	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\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	312291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	595955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	524310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	253740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	302848	56.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.160%			
35) Dibromofluoromethane	8.147	113	207676	51.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.541	98	749109	48.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.120%			
62) 4-Bromofluorobenzene	12.829	95	280345	51.457	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	157126	44.605	ug/l	92
3) Chloromethane	2.383	50	204187	49.270	ug/l	99
4) Vinyl Chloride	2.536	62	211309	46.797	ug/l	97
5) Bromomethane	2.971	94	117055	43.340	ug/l	98
6) Chloroethane	3.136	64	144087	44.289	ug/l	96
7) Trichlorofluoromethane	3.512	101	307918	42.755	ug/l	100
8) Diethyl Ether	3.959	74	138967	51.918	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	165013	44.402	ug/l	98
10) Methyl Iodide	4.577	142	190325	56.038	ug/l	98
11) Tert butyl alcohol	5.518	59	271821	292.177	ug/l	98
12) 1,1-Dichloroethene	4.336	96	169285	43.128	ug/l	93
13) Acrolein	4.177	56	190950	182.472	ug/l	96
14) Allyl chloride	5.012	41	355387	51.656	ug/l	99
15) Acrylonitrile	5.706	53	746411	294.538	ug/l	99
16) Acetone	4.418	43	730329	269.199	ug/l	99
17) Carbon Disulfide	4.706	76	532196	44.603	ug/l	97
18) Methyl Acetate	5.012	43	347719	62.605	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	808310	56.074	ug/l	97
20) Methylene Chloride	5.265	84	231013	50.727	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	205859	47.780	ug/l	99
22) Diisopropyl ether	6.659	45	799118	55.230	ug/l	99
23) Vinyl Acetate	6.588	43	3676917	282.119	ug/l	99
24) 1,1-Dichloroethane	6.553	63	433641	54.105	ug/l	97
25) 2-Butanone	7.465	43	1043471	291.856	ug/l	100
26) 2,2-Dichloropropane	7.471	77	337157	46.291	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	255190	51.450	ug/l	93
28) Bromochloromethane	7.794	49	224421	59.261	ug/l	97
29) Tetrahydrofuran	7.824	42	656824	281.895	ug/l	100
30) Chloroform	7.947	83	431501	53.891	ug/l	97
31) Cyclohexane	8.235	56	323918	42.851	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	352574	49.440	ug/l	99
36) 1,1-Dichloropropene	8.353	75	282294	48.290	ug/l	99
37) Ethyl Acetate	7.541	43	418748	55.508	ug/l	100
38) Carbon Tetrachloride	8.341	117	290980	48.194	ug/l	94
39) Methylcyclohexane	9.577	83	280683	37.354	ug/l	98
40) Benzene	8.588	78	895890	50.322	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	218129	54.938	ug/l		97
42) 1,2-Dichloroethane	8.653	62	354883	56.102	ug/l		99
43) Isopropyl Acetate	8.671	43	660380	56.968	ug/l		99
44) Trichloroethene	9.329	130	200708	48.232	ug/l		99
45) 1,2-Dichloropropane	9.600	63	237805	52.909	ug/l		99
46) Dibromomethane	9.688	93	169133	52.763	ug/l		96
47) Bromodichloromethane	9.865	83	351288	54.736	ug/l		97
48) Methyl methacrylate	9.659	41	303730	56.752	ug/l		98
49) 1,4-Dioxane	9.677	88	77849	1169.552	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.424	43	1983321	289.210	ug/l		99
52) Toluene	10.606	92	540256	49.220	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	373963	54.748	ug/l		100
54) cis-1,3-Dichloropropene	10.288	75	388938	53.659	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	215048	51.640	ug/l		96
56) Ethyl methacrylate	10.853	69	379487	57.585	ug/l		99
57) 1,3-Dichloropropane	11.141	76	395304	54.006	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1061043	309.534	ug/l		100
59) 2-Hexanone	11.176	43	1373734	301.969	ug/l		99
60) Dibromochloromethane	11.335	129	250434	52.910	ug/l		99
61) 1,2-Dibromoethane	11.447	107	225469	52.609	ug/l		99
64) Tetrachloroethene	11.082	164	159014	45.979	ug/l		96
65) Chlorobenzene	11.871	112	598610	50.280	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	201920	51.768	ug/l		99
67) Ethyl Benzene	11.941	91	1031771	49.372	ug/l		100
68) m/p-Xylenes	12.047	106	767071	97.965	ug/l		99
69) o-Xylene	12.376	106	373252	50.286	ug/l		99
70) Styrene	12.388	104	645506	53.331	ug/l		97
71) Bromoform	12.559	173	161209	55.383	ug/l	#	98
73) Isopropylbenzene	12.670	105	934927	47.773	ug/l		100
74) N-amyl acetate	12.506	43	304526m	54.815	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	327726	53.788	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	282322m	48.665	ug/l		
77) Bromobenzene	12.959	156	220558	52.263	ug/l		92
78) n-propylbenzene	13.012	91	1131819	47.391	ug/l		99
79) 2-Chlorotoluene	13.100	91	709360	52.083	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	784734	48.282	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	110109	52.946	ug/l		85
82) 4-Chlorotoluene	13.200	91	731629	49.651	ug/l		100
83) tert-Butylbenzene	13.417	119	641681	44.196	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	805835	49.554	ug/l		99
85) sec-Butylbenzene	13.594	105	888435	41.649	ug/l		100
86) p-Isopropyltoluene	13.706	119	749639	43.807	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	422825	50.189	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	427207	47.214	ug/l		98
89) n-Butylbenzene	14.035	91	690570	40.741	ug/l		99
90) Hexachloroethane	14.312	117	141121	42.586	ug/l		93
91) 1,2-Dichlorobenzene	14.082	146	403897	49.736	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	78198	55.142	ug/l		95
93) 1,2,4-Trichlorobenzene	15.364	180	206557	41.999	ug/l		99
94) Hexachlorobutadiene	15.470	225	64547	35.243	ug/l		98
95) Naphthalene	15.611	128	796369	47.267	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	197915	41.969	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

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

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

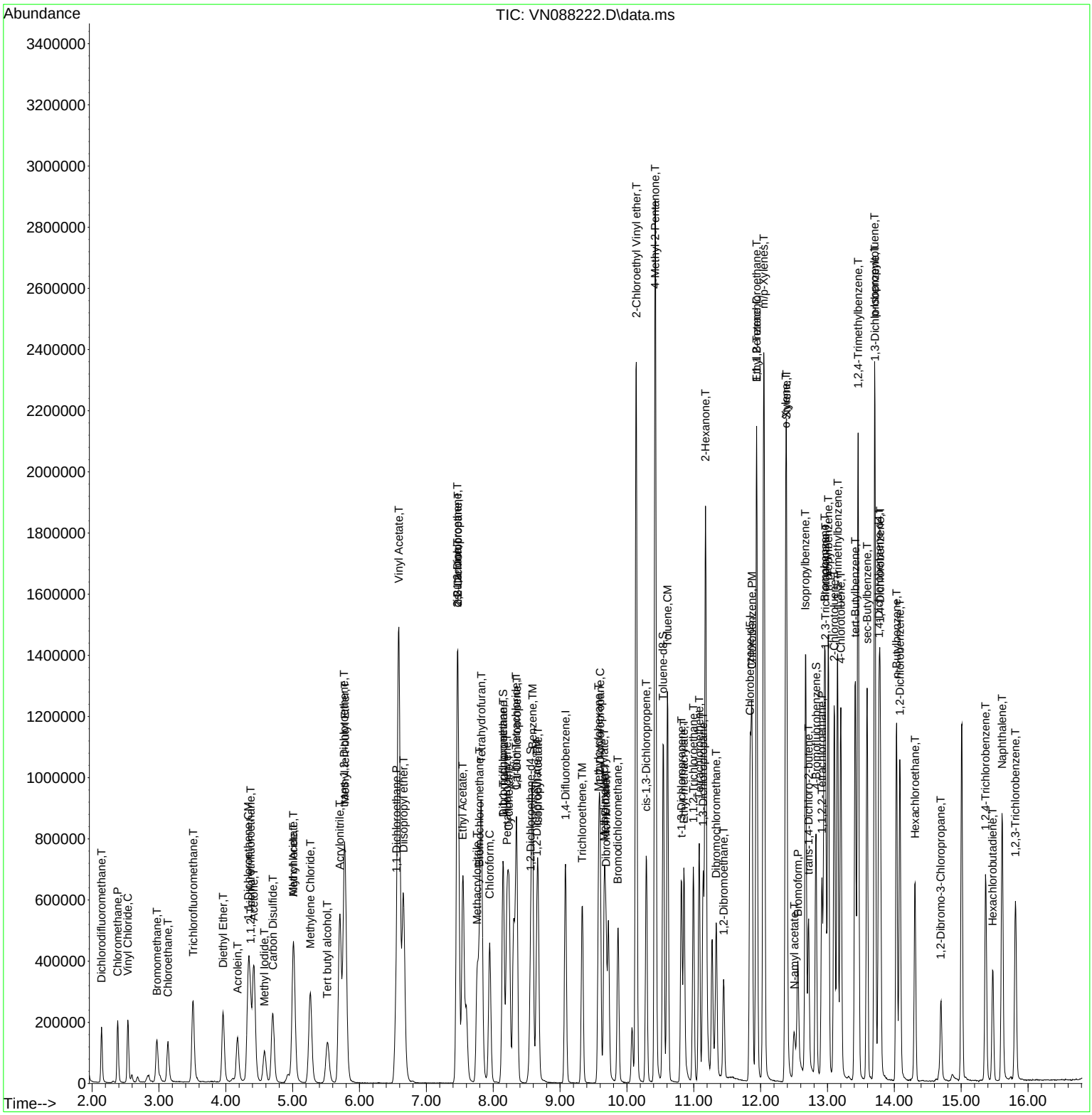
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025



Sample Results: **VN088222.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	92	0.00
2	T	Dichlorodifluoromethane	0.564	0.503	10.8	102	0.00
3	P	Chloromethane	0.664	0.654	1.5	116	0.00
4	C	Vinyl Chloride	0.723	0.677	6.4#	108	0.00
5	T	Bromomethane	0.432	0.375	13.2	101	0.00
6	T	Chloroethane	0.521	0.461	11.5	103	0.00
7	T	Trichlorofluoromethane	1.153	0.986	14.5	95	0.00
8	T	Diethyl Ether	0.429	0.445	-3.7	129	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.595	0.528	11.3	103	0.00
10	T	Methyl Iodide	0.544	0.609	-11.9	123	0.00
11	T	Tert butyl alcohol	0.149	0.174	-16.8	139	0.00
12	CM	1,1-Dichloroethene	0.628	0.542	13.7#	108	0.00
13	T	Acrolein	0.168	0.122	27.4#	91	0.00
14	T	Allyl chloride	1.102	1.138	-3.3	129	0.00
15	T	Acrylonitrile	0.406	0.478	-17.7	136	0.00
16	T	Acetone	0.434	0.468	-7.8	135	0.00
17	T	Carbon Disulfide	1.910	1.704	10.8	106	0.00
18	T	Methyl Acetate	0.889	1.113	-25.2#	150	0.00
19	T	Methyl tert-butyl Ether	2.308	2.588	-12.1	134	0.00
20	T	Methylene Chloride	0.729	0.740	-1.5	127	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.659	4.5	114	0.00
22	T	Diisopropyl ether	2.317	2.559	-10.4	126	0.00
23	T	Vinyl Acetate	2.087	2.355	-12.8	125	0.00
24	P	1,1-Dichloroethane	1.283	1.389	-8.3	125	0.00
25	T	2-Butanone	0.572	0.668	-16.8	133	0.00
26	T	2,2-Dichloropropane	1.166	1.080	7.4	108	0.00
27	T	cis-1,2-Dichloroethene	0.794	0.817	-2.9	120	0.00
28	T	Bromochloromethane	0.606	0.719	-18.6	113	0.00
29	T	Tetrahydrofuran	0.373	0.421	-12.9	131	0.00
30	C	Chloroform	1.282	1.382	-7.8#	123	0.00
31	T	Cyclohexane	1.210	1.037	14.3	99	0.00
32	T	1,1,1-Trichloroethane	1.142	1.129	1.1	114	0.00
33	S	1,2-Dichloroethane-d4	0.865	0.970	-12.1	112	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.336	0.348	-3.6	105	0.00
36	T	1,1-Dichloropropene	0.490	0.474	3.3	111	0.00
37	T	Ethyl Acetate	0.633	0.703	-11.1	136	0.00
38	T	Carbon Tetrachloride	0.507	0.488	3.7	111	0.00
39	T	Methylcyclohexane	0.630	0.471	25.2#	85	0.00
40	TM	Benzene	1.494	1.503	-0.6	117	0.00
41	T	Methacrylonitrile	0.333	0.366	-9.9	128	0.00
42	TM	1,2-Dichloroethane	0.531	0.595	-12.1	129	0.00
43	T	Isopropyl Acetate	0.973	1.108	-13.9	130	0.00
44	TM	Trichloroethene	0.349	0.337	3.4	112	0.00
45	C	1,2-Dichloropropane	0.377	0.399	-5.8#	123	0.00
46	T	Dibromomethane	0.269	0.284	-5.6	123	0.00
47	T	Bromodichloromethane	0.538	0.589	-9.5	127	0.00
48	T	Methyl methacrylate	0.449	0.510	-13.6	130	0.00

Sample Results: **VN088222.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	0.006	0.007	-16.7	141	0.00
50	S	Toluene-d8	1.294	1.257	2.9	97	0.00
51	T	4-Methyl-2-Pentanone	0.575	0.666	-15.8	130	0.00
52	CM	Toluene	0.921	0.907	1.5#	114	0.00
53	T	t-1,3-Dichloropropene	0.573	0.628	-9.6	124	0.00
54	T	cis-1,3-Dichloropropene	0.608	0.653	-7.4	124	0.00
55	T	1,1,2-Trichloroethane	0.349	0.361	-3.4	122	0.00
56	T	Ethyl methacrylate	0.553	0.637	-15.2	127	0.00
57	T	1,3-Dichloropropane	0.614	0.663	-8.0	124	0.00
58	T	2-Chloroethyl Vinyl ether	0.288	0.356	-23.6	138	0.00
59	T	2-Hexanone	0.382	0.461	-20.7	131	0.00
60	T	Dibromochloromethane	0.397	0.420	-5.8	122	0.00
61	T	1,2-Dibromoethane	0.360	0.378	-5.0	124	0.00
62	S	4-Bromofluorobenzene	0.457	0.470	-2.8	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.330	0.303	8.2	110	0.00
65	PM	Chlorobenzene	1.135	1.142	-0.6	114	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.385	-3.5	116	0.00
67	C	Ethyl Benzene	1.993	1.968	1.3#	112	0.00
68	T	m/p-Xylenes	0.747	0.732	2.0	108	0.00
69	T	o-Xylene	0.708	0.712	-0.6	110	0.00
70	T	Styrene	1.154	1.231	-6.7	114	0.00
71	P	Bromoform	0.278	0.307	-10.4	123	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.856	3.685	4.4	105	0.00
74	T	N-amyl acetate	1.095	1.200	-9.6	118	0.00
75	P	1,1,2,2-Tetrachloroethane	1.201	1.292	-7.6	122	0.00
76	T	1,2,3-Trichloropropane	1.143	1.113	2.6	108	0.00
77	T	Bromobenzene	0.832	0.869	-4.4	114	0.00
78	T	n-propylbenzene	4.706	4.461	5.2	102	0.00
79	T	2-Chlorotoluene	2.684	2.796	-4.2	112	0.00
80	T	1,3,5-Trimethylbenzene	3.203	3.093	3.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.434	-5.9	123	0.00
82	T	4-Chlorotoluene	2.904	2.883	0.7	111	0.00
83	T	tert-Butylbenzene	2.861	2.529	11.6	97	0.00
84	T	1,2,4-Trimethylbenzene	3.204	3.176	0.9	106	0.00
85	T	sec-Butylbenzene	4.203	3.501	16.7	90	0.00
86	T	p-Isopropyltoluene	3.372	2.954	12.4	93	0.00
87	T	1,3-Dichlorobenzene	1.660	1.666	-0.4	109	0.00
88	T	1,4-Dichlorobenzene	1.783	1.684	5.6	108	0.00
89	T	n-Butylbenzene	3.340	2.722	18.5	87	0.00
90	T	Hexachloroethane	0.653	0.556	14.9	94	0.00
91	T	1,2-Dichlorobenzene	1.600	1.592	0.5	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.308	-10.4	130	0.00
93	T	1,2,4-Trichlorobenzene	0.969	0.814	16.0	93	0.00
94	T	Hexachlorobutadiene	0.361	0.254	29.6#	78	0.00
95	T	Naphthalene	3.320	3.139	5.5	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.780	16.0	95	0.00

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

Sample Results: **VN088222.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	44.605	10.8	102	0.00
3	P	Chloromethane	50.000	49.270	1.5	116	0.00
4	C	Vinyl Chloride	50.000	46.797	6.4#	108	0.00
5	T	Bromomethane	50.000	43.340	13.3	101	0.00
6	T	Chloroethane	50.000	44.289	11.4	103	0.00
7	T	Trichlorofluoromethane	50.000	42.755	14.5	95	0.00
8	T	Diethyl Ether	50.000	51.918	-3.8	129	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.402	11.2	103	0.00
10	T	Methyl Iodide	50.000	56.038	-12.1	123	0.00
11	T	Tert butyl alcohol	250.000	292.177	-16.9	139	0.00
12	CM	1,1-Dichloroethene	50.000	43.128	13.7#	108	0.00
13	T	Acrolein	250.000	182.472	27.0#	91	0.00
14	T	Allyl chloride	50.000	51.656	-3.3	129	0.00
15	T	Acrylonitrile	250.000	294.538	-17.8	136	0.00
16	T	Acetone	250.000	269.199	-7.7	135	0.00
17	T	Carbon Disulfide	50.000	44.603	10.8	106	0.00
18	T	Methyl Acetate	50.000	62.605	-25.2#	150	0.00
19	T	Methyl tert-butyl Ether	50.000	56.074	-12.1	134	0.00
20	T	Methylene Chloride	50.000	50.727	-1.5	127	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.780	4.4	114	0.00
22	T	Diisopropyl ether	50.000	55.230	-10.5	126	0.00
23	T	Vinyl Acetate	250.000	282.119	-12.8	125	0.00
24	P	1,1-Dichloroethane	50.000	54.105	-8.2	125	0.00
25	T	2-Butanone	250.000	291.856	-16.7	133	0.00
26	T	2,2-Dichloropropane	50.000	46.291	7.4	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.450	-2.9	120	0.00
28	T	Bromochloromethane	50.000	59.261	-18.5	113	0.00
29	T	Tetrahydrofuran	250.000	281.895	-12.8	131	0.00
30	C	Chloroform	50.000	53.891	-7.8#	123	0.00
31	T	Cyclohexane	50.000	42.851	14.3	99	0.00
32	T	1,1,1-Trichloroethane	50.000	49.440	1.1	114	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.081	-12.2	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	51.872	-3.7	105	0.00
36	T	1,1-Dichloropropene	50.000	48.290	3.4	111	0.00
37	T	Ethyl Acetate	50.000	55.508	-11.0	136	0.00
38	T	Carbon Tetrachloride	50.000	48.194	3.6	111	0.00
39	T	Methylcyclohexane	50.000	37.354	25.3#	85	0.00
40	TM	Benzene	50.000	50.322	-0.6	117	0.00
41	T	Methacrylonitrile	50.000	54.938	-9.9	128	0.00
42	TM	1,2-Dichloroethane	50.000	56.102	-12.2	129	0.00
43	T	Isopropyl Acetate	50.000	56.968	-13.9	130	0.00
44	TM	Trichloroethene	50.000	48.232	3.5	112	0.00
45	C	1,2-Dichloropropane	50.000	52.909	-5.8#	123	0.00
46	T	Dibromomethane	50.000	52.763	-5.5	123	0.00
47	T	Bromodichloromethane	50.000	54.736	-9.5	127	0.00
48	T	Methyl methacrylate	50.000	56.752	-13.5	130	0.00

Sample Results: **VN088222.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	1169.552	-17.0	141	0.00
50	S	Toluene-d8	50.000	48.559	2.9	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	289.210	-15.7	130	0.00
52	CM	Toluene	50.000	49.220	1.6#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	54.748	-9.5	124	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.659	-7.3	124	0.00
55	T	1,1,2-Trichloroethane	50.000	51.640	-3.3	122	0.00
56	T	Ethyl methacrylate	50.000	57.585	-15.2	127	0.00
57	T	1,3-Dichloropropane	50.000	54.006	-8.0	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	309.534	-23.8	138	0.00
59	T	2-Hexanone	250.000	301.969	-20.8	131	0.00
60	T	Dibromochloromethane	50.000	52.910	-5.8	122	0.00
61	T	1,2-Dibromoethane	50.000	52.609	-5.2	124	0.00
62	S	4-Bromofluorobenzene	50.000	51.457	-2.9	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	45.979	8.0	110	0.00
65	PM	Chlorobenzene	50.000	50.280	-0.6	114	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.768	-3.5	116	0.00
67	C	Ethyl Benzene	50.000	49.372	1.3#	112	0.00
68	T	m/p-Xylenes	100.000	97.965	2.0	108	0.00
69	T	o-Xylene	50.000	50.286	-0.6	110	0.00
70	T	Styrene	50.000	53.331	-6.7	114	0.00
71	P	Bromoform	50.000	55.383	-10.8	123	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	47.773	4.5	105	0.00
74	T	N-amyl acetate	50.000	54.815	-9.6	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.788	-7.6	122	0.00
76	T	1,2,3-Trichloropropane	50.000	48.665	2.7	108	0.00
77	T	Bromobenzene	50.000	52.263	-4.5	114	0.00
78	T	n-propylbenzene	50.000	47.391	5.2	102	0.00
79	T	2-Chlorotoluene	50.000	52.083	-4.2	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.282	3.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.946	-5.9	123	0.00
82	T	4-Chlorotoluene	50.000	49.651	0.7	111	0.00
83	T	tert-Butylbenzene	50.000	44.196	11.6	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.554	0.9	106	0.00
85	T	sec-Butylbenzene	50.000	41.649	16.7	90	0.00
86	T	p-Isopropyltoluene	50.000	43.807	12.4	93	0.00
87	T	1,3-Dichlorobenzene	50.000	50.189	-0.4	109	0.00
88	T	1,4-Dichlorobenzene	50.000	47.214	5.6	108	0.00
89	T	n-Butylbenzene	50.000	40.741	18.5	87	0.00
90	T	Hexachloroethane	50.000	42.586	14.8	94	0.00
91	T	1,2-Dichlorobenzene	50.000	49.736	0.5	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.142	-10.3	130	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.999	16.0	93	0.00
94	T	Hexachlorobutadiene	50.000	35.243	29.5#	78	0.00
95	T	Naphthalene	50.000	47.267	5.5	103	0.00

Sample Results: **VN088222.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088222.D
Acq On : 07 Nov 2025 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 01:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 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	41.969	16.1	95	0.00

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

QC SAMPLE DATA

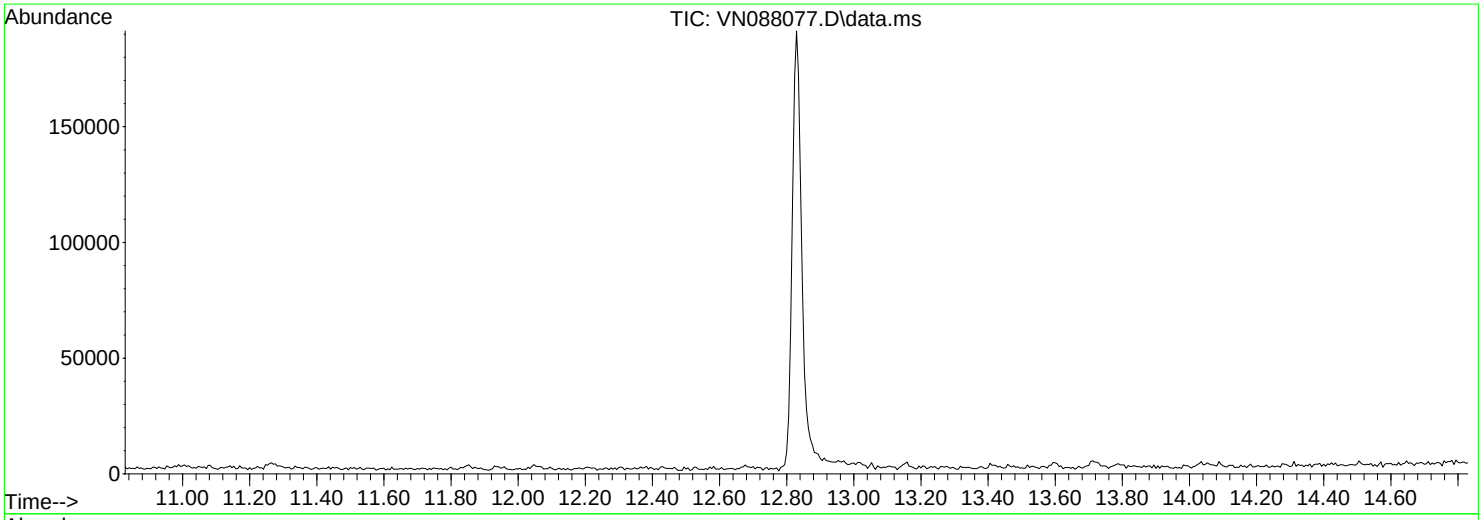
Sample Results: **VN088077.D**

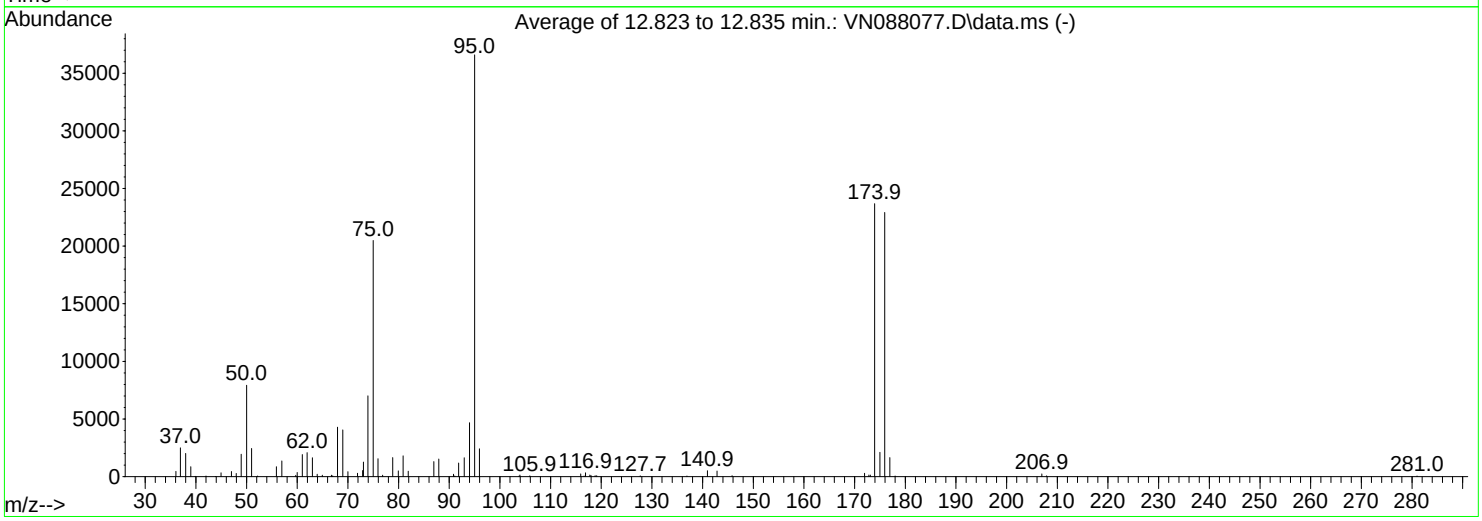
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088077.D
Acq On : 23 Oct 2025 09:09
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Title : SW846 8260
Last Update : Sat Oct 25 00:15:22 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	7924	PASS
75	95	30	60	56.0	20496	PASS
95	95	100	100	100.0	36595	PASS
96	95	5	9	6.6	2412	PASS
173	174	0.00	2	0.6	141	PASS
174	95	50	100	64.7	23688	PASS
175	174	5	9	8.9	2114	PASS
176	174	95	101	96.8	22925	PASS
177	176	5	9	7.2	1653	PASS

Average of 12.823 to 12.835 min.: VN088077.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	458	50.00	7924	64.95	132	75.95	155
36.95	2501	51.00	2446	66.75	129	76.85	12
38.00	2013	52.20	50	67.00	76	78.85	165
39.00	861	55.90	867	67.95	4293	79.95	50
39.85	28	56.95	1354	69.00	4051	80.90	1809
42.00	57	59.70	109	70.00	424	81.90	470
43.90	19	60.00	356	71.90	286	86.95	1303
44.95	328	61.00	1910	72.90	530	87.95	1532
47.00	441	61.95	2077	73.05	1259	90.85	210
47.95	276	63.00	1644	73.95	7010	91.10	62
48.95	1951	63.95	214	75.00	20496	91.85	1175

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN088077.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.95	1644	117.95	115	173.95	23688		
94.00	4674	118.80	84	175.00	2114		
95.00	36595	119.10	82	175.95	22925		
95.95	2412	127.70	70	176.95	1653		
103.80	60	136.90	63	178.00	54		
103.95	139	140.95	512	206.95	238		
105.90	74	142.85	486	207.90	72		
115.95	231	145.80	89	281.00	50		
116.60	62	171.95	296				
116.90	332	172.80	135				
117.75	138	173.10	141				

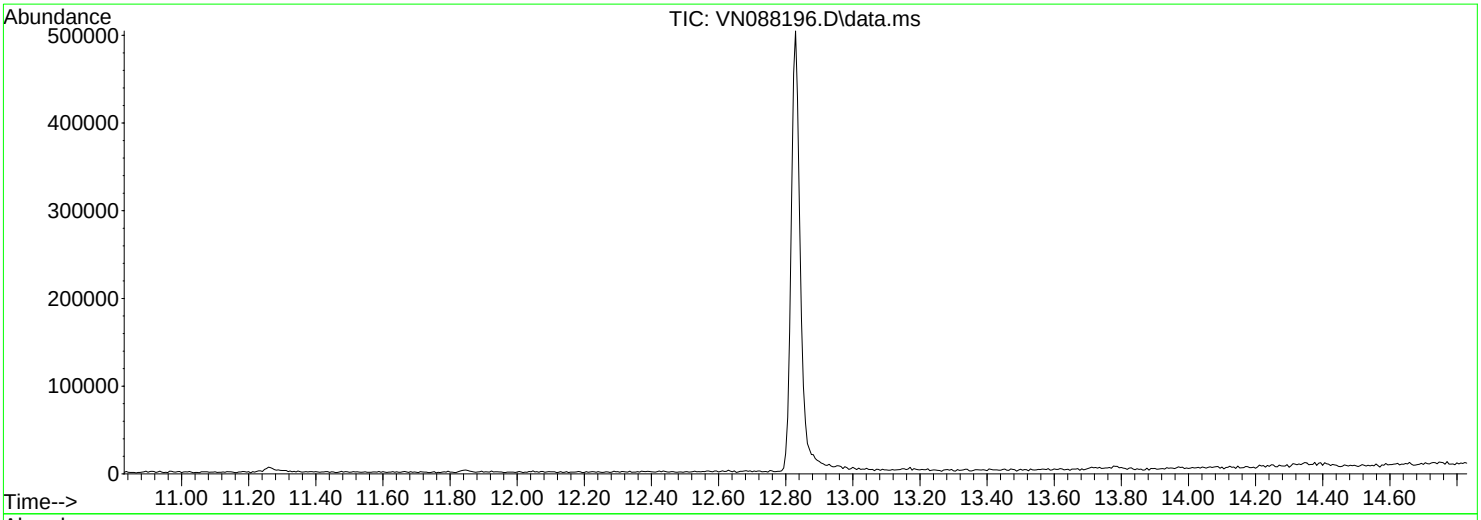
Sample Results: **VN088196.D**

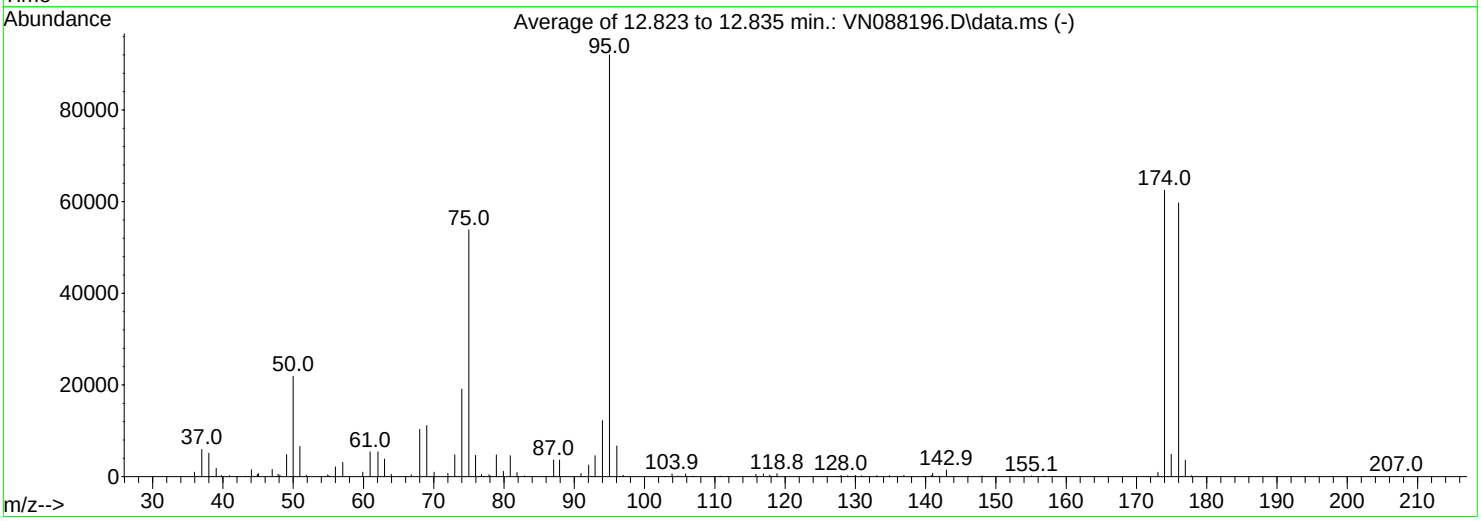
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088196.D
Acq On : 06 Nov 2025 09:20
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Title : SW846 8260
Last Update : Mon Nov 03 01:16:06 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1837

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.8	21901	PASS
75	95	30	60	58.5	53872	PASS
95	95	100	100	100.0	92019	PASS
96	95	5	9	7.3	6691	PASS
173	174	0.00	2	1.5	946	PASS
174	95	50	100	67.9	62488	PASS
175	174	5	9	7.8	4889	PASS
176	174	95	101	95.6	59720	PASS
177	176	5	9	6.0	3589	PASS

Average of 12.823 to 12.835 min.: VN088196.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	990	47.00	1556	59.90	984	73.00	479
37.00	5941	47.85	523	60.95	5458	74.00	1909
38.00	5100	48.10	365	62.05	5399	75.00	5387
39.05	1828	49.05	4828	63.00	3826	75.95	464
39.80	236	50.00	21901	63.95	529	76.80	486
40.95	237	50.95	6587	65.20	55	77.05	22
42.10	89	51.85	339	66.80	415	77.85	435
43.20	69	54.90	370	68.00	10341	78.10	139
44.05	1511	55.10	187	69.00	11124	78.90	4736
44.90	507	56.00	2119	70.05	993	79.90	1164
45.05	681	57.05	3109	72.00	713	80.90	4570

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN088196.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.85	918	96.95	314	114.90	55	131.10	71
82.95	192	102.90	53	115.85	515	133.05	208
85.90	84	103.90	594	116.90	600	134.00	50
87.05	3620	104.75	156	117.80	330	134.85	228
87.90	3634	105.20	54	118.00	96	136.90	273
90.95	684	105.85	582	118.85	651	139.70	57
92.05	2535	106.90	115	127.60	77	140.80	296
92.95	4587	109.80	86	127.95	296	141.00	727
94.00	12227	110.70	55	128.90	226	141.90	133
95.00	92019	110.85	104	130.00	290	142.95	1434
96.05	6691	111.80	66	130.85	201	146.05	123

Average of 12.823 to 12.835 min.: VN088196.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
146.90	67	174.95	4889				
147.60	70	176.00	59720				
148.05	172	176.95	3589				
148.90	51	177.85	221				
155.05	172	207.00	79				
156.90	158						
157.10	83						
158.70	52						
171.70	68						
173.05	946						
174.00	62488						

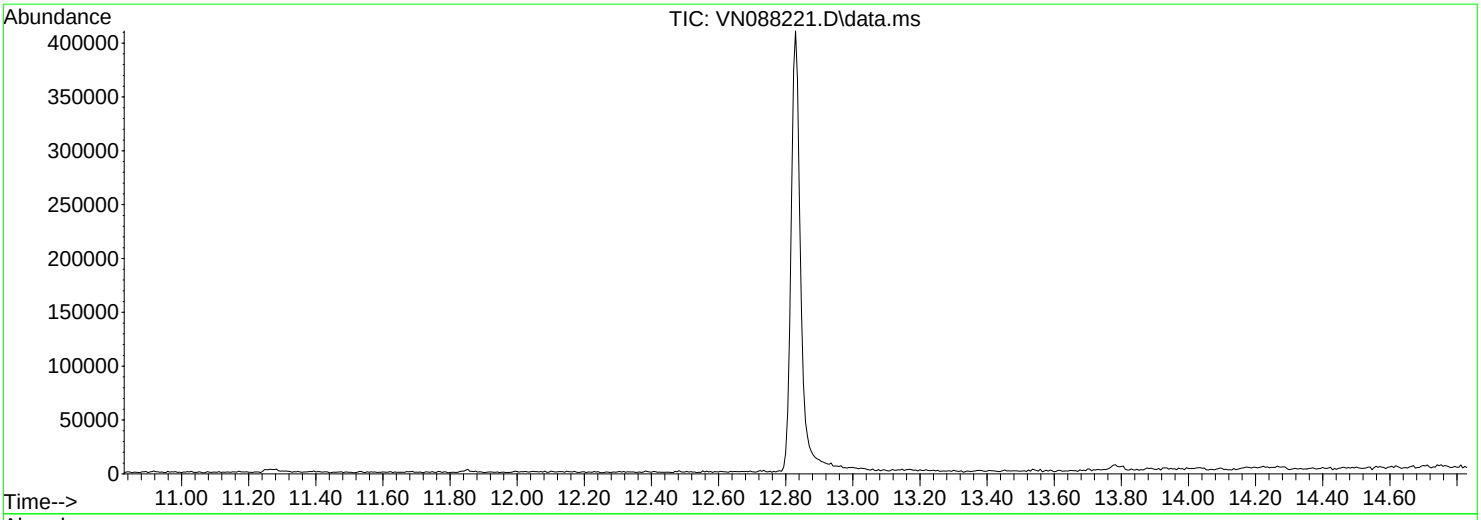
Sample Results: **VN088221.D**

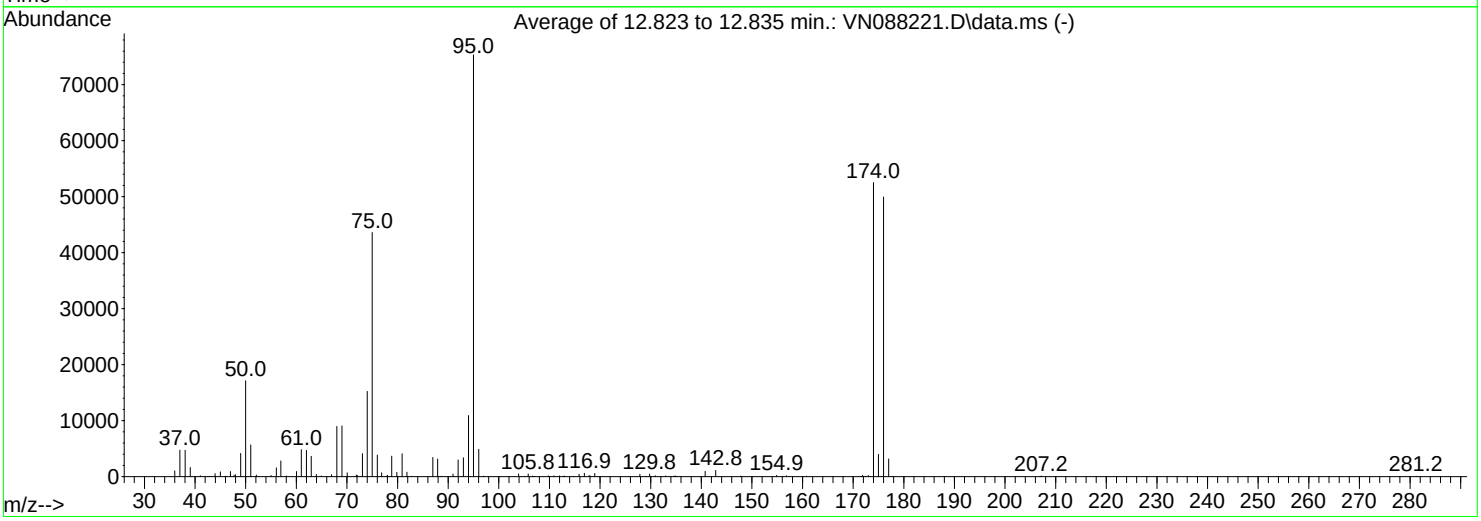
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088221.D
Acq On : 07 Nov 2025 09:12
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Title : SW846 8260
Last Update : Mon Nov 03 01:16:06 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1838

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.7	17120	PASS
75	95	30	60	57.9	43603	PASS
95	95	100	100	100.0	75336	PASS
96	95	5	9	6.5	4877	PASS
173	174	0.00	2	0.4	205	PASS
174	95	50	100	69.7	52515	PASS
175	174	5	9	7.6	3980	PASS
176	174	95	101	95.1	49944	PASS
177	176	5	9	6.4	3178	PASS

Average of 12.823 to 12.835 min.: VN088221.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1042	47.70	263	61.00	4835	73.05	410
37.00	4745	47.95	347	62.00	4702	74.00	1523
38.05	4712	49.00	4138	62.95	3616	75.00	4360
39.05	1646	50.00	17120	63.95	399	76.00	387
39.95	68	51.00	5674	64.95	144	76.85	677
41.05	180	52.10	295	66.95	334	77.90	115
42.80	65	55.00	200	68.00	8969	78.00	239
43.95	545	56.05	1579	69.00	9075	78.85	3652
45.00	850	56.95	2808	70.05	685	79.85	772
46.00	69	58.05	126	71.85	289	80.90	4087
47.00	917	60.05	909	72.10	204	81.85	809

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN088221.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.80	52	103.90	479	115.85	430	134.85	138
86.95	3421	105.00	56	116.90	599	135.20	62
87.90	3133	105.80	480	117.85	209	140.75	946
88.60	67	106.70	129	118.05	128	142.85	1123
90.95	467	107.00	61	118.95	565	147.80	122
91.95	2976	109.80	144	127.85	426	154.90	235
93.00	3375	110.90	148	129.00	74	156.80	164
94.00	10922	111.95	136	129.80	463	160.80	83
95.00	75336	112.70	50	130.90	167	171.60	65
96.05	4877	112.95	118	132.95	132	171.85	225
97.00	79	114.80	54	134.60	87	172.50	62

Average of 12.823 to 12.835 min.: VN088221.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
173.00	205						
174.00	52515						
175.00	3980						
176.00	49944						
177.00	3178						
177.80	53						
206.90	68						
207.15	126						
281.20	62						

Raw Data: **VN088199.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBL01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 12:09	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 12:09	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 12:09	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 12:09	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 12:09	VN110625
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/06/25 12:09	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 12:09	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 12:09	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 12:09	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 12:09	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 12:09	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 12:09	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 12:09	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 12:09	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 12:09	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 12:09	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 12:09	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 12:09	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 12:09	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 12:09	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 12:09	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 12:09	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 12:09	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 12:09	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 12:09	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 12:09	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 12:09	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 12:09	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 12:09	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 12:09	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 12:09	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			74 - 125	118%	SPK: 50		

Raw Data: **VN088199.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VN1106WBL01			SDG No.:	Q3560
Lab Sample ID:	VN1106WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	50.2			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			77 - 121	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	339000							
540-36-3	1,4-Difluorobenzene	766000							
3114-55-4	Chlorobenzene-d5	735000							
3855-82-1	1,4-Dichlorobenzene-d4	362000							

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\VN110625\
Data File : VN088199.D
Acq On : 06 Nov 2025 12:09
Operator : JC\MD
Sample : VN1106WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Quant Time: Nov 07 02:16:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	338872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	766389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	734647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	362059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	344380	58.770	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.540%			
35) Dibromofluoromethane	8.147	113	258625	50.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.547	98	985117	49.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.829	95	393012	56.094	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.180%			

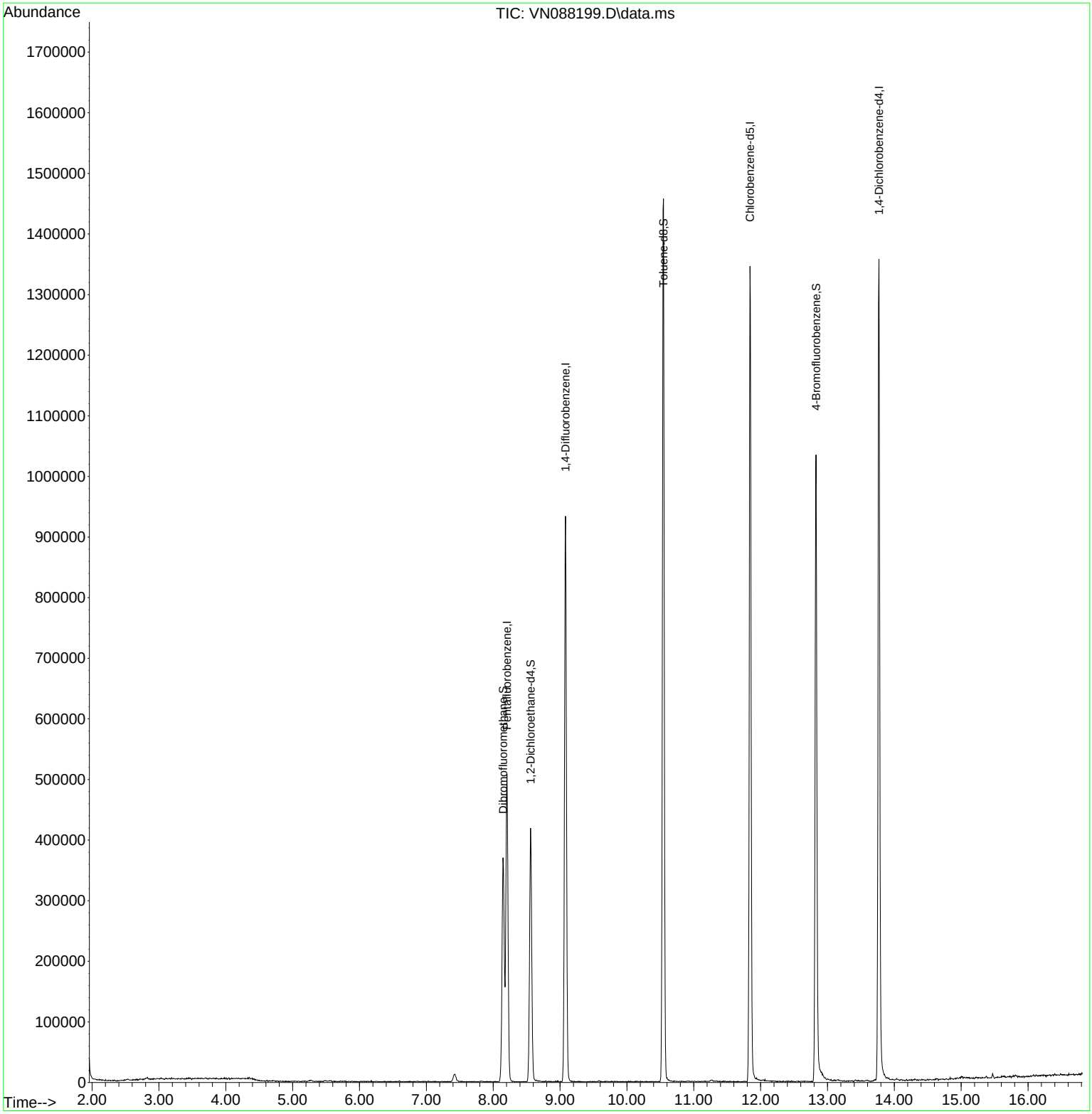
Target Compounds Qvalue

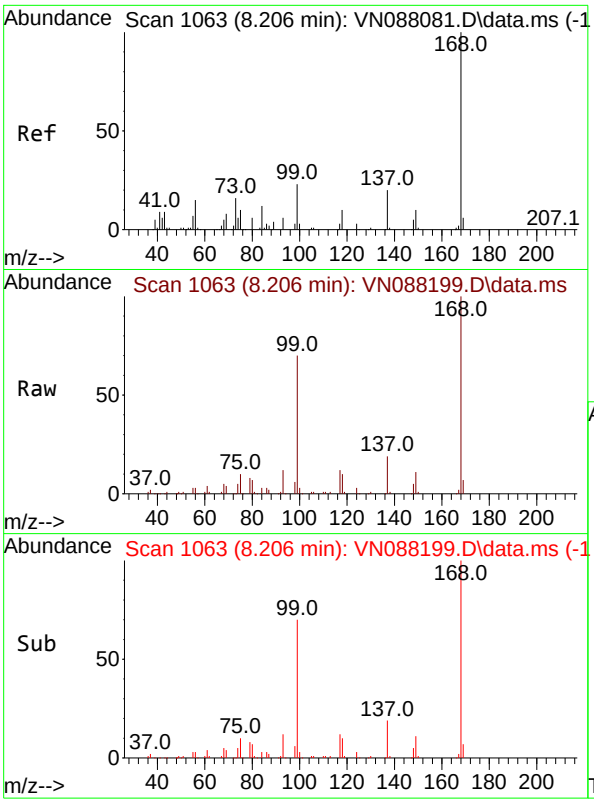
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088199.D
Acq On : 06 Nov 2025 12:09
Operator : JC\MD
Sample : VN1106WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Quant Time: Nov 07 02:16:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



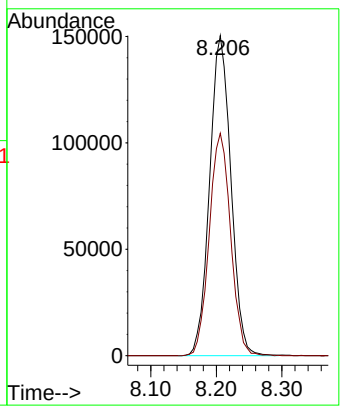


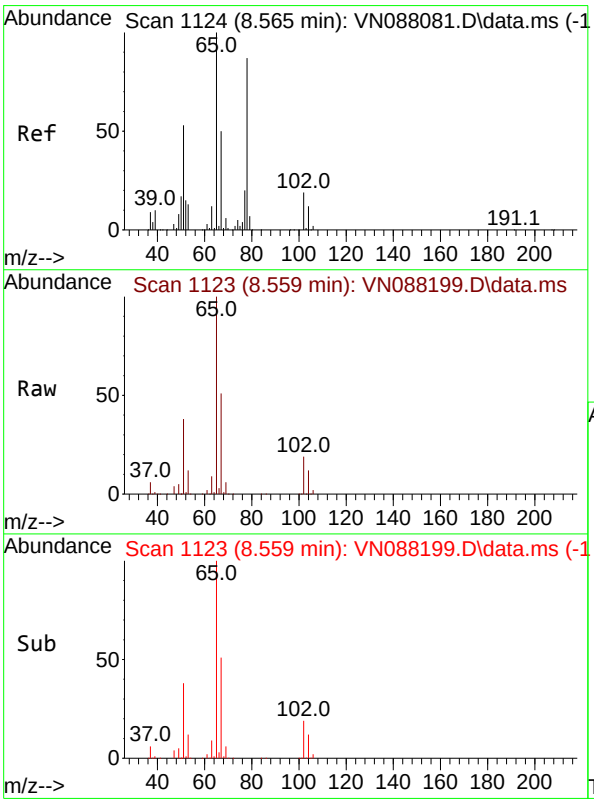
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tgt Ion:168 Resp: 338872

Ion	Ratio	Lower	Upper
168	100		
99	69.5	57.2	85.8

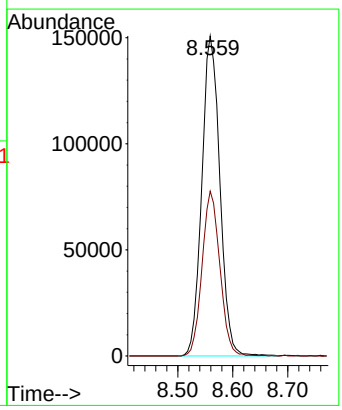


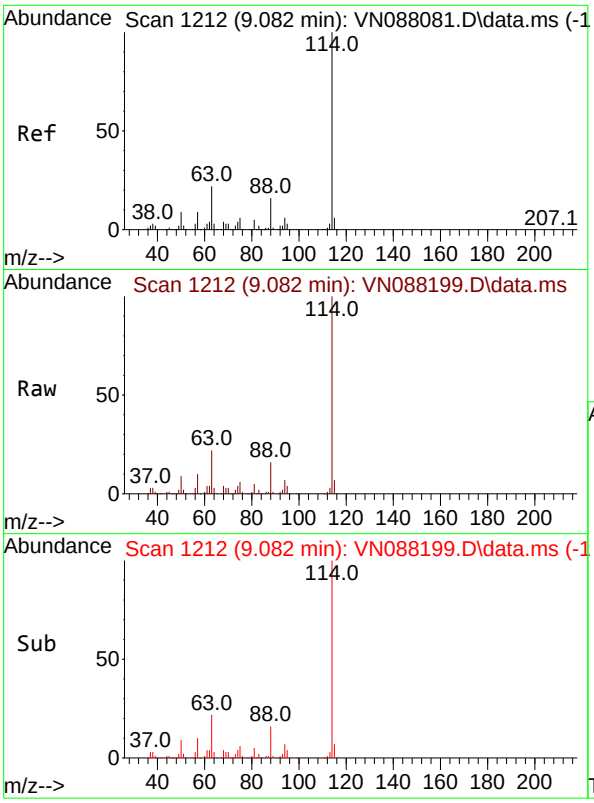


#33
1,2-Dichloroethane-d4
Concen: 58.770 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Tgt Ion: 65 Resp: 344380

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0



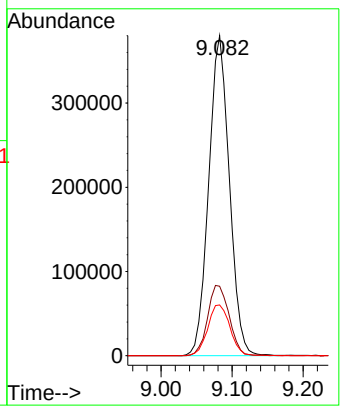


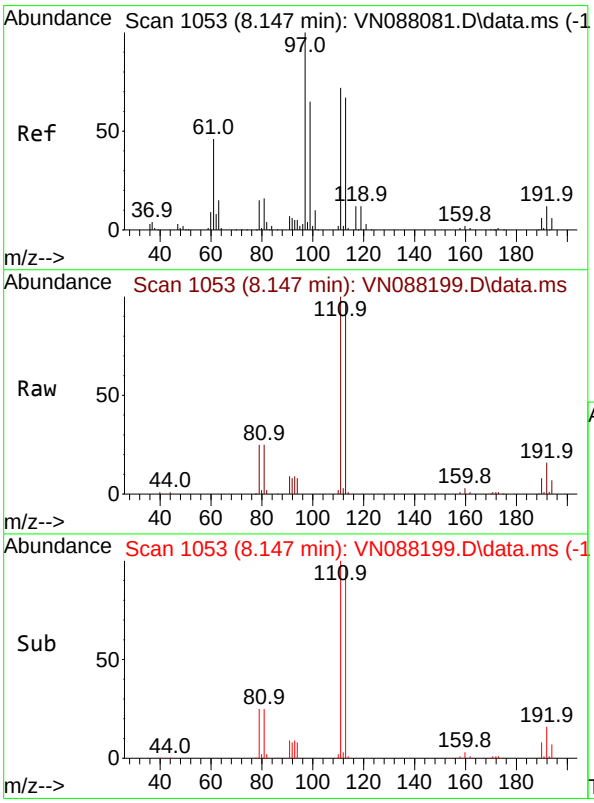
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tgt Ion:114 Resp: 766389

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.2
88	15.9	0.0	33.4

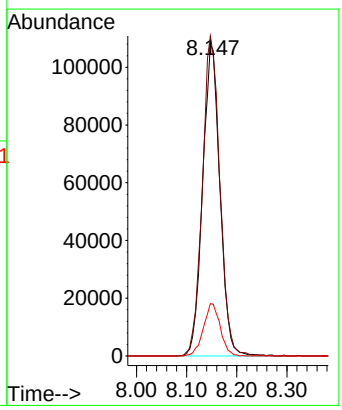


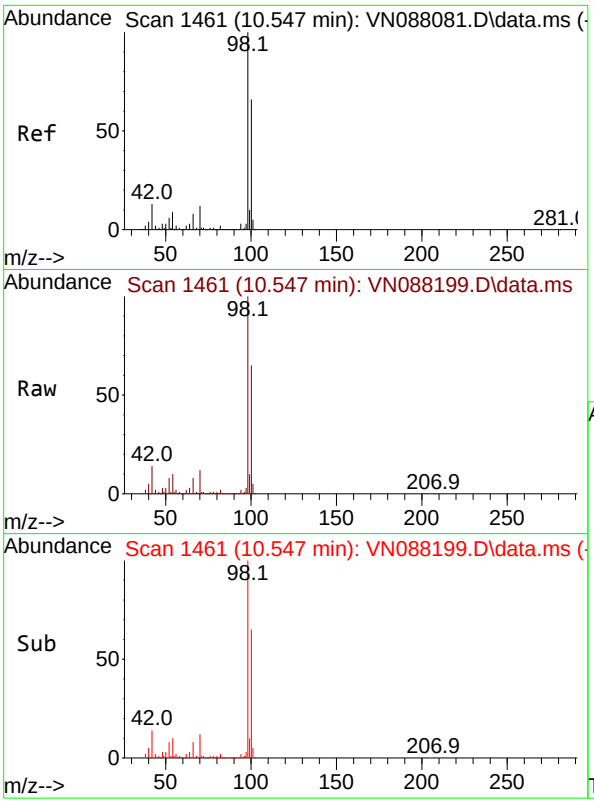


#35
Dibromofluoromethane
Concen: 50.232 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Tgt Ion:113 Resp: 258625

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	16.3	12.8	19.2



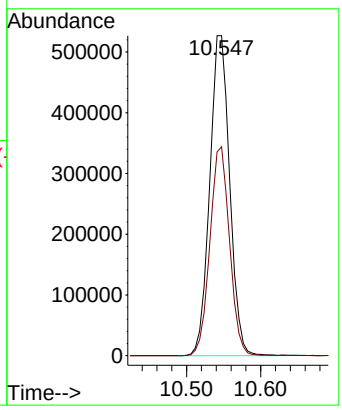


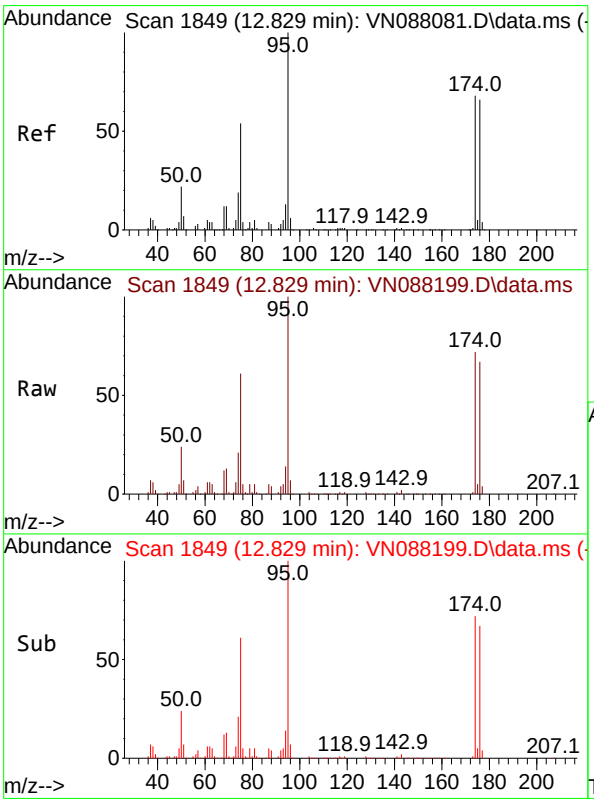
#50
Toluene-d8
Concen: 49.657 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tgt Ion: 98 Resp: 985117

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.8	79.2

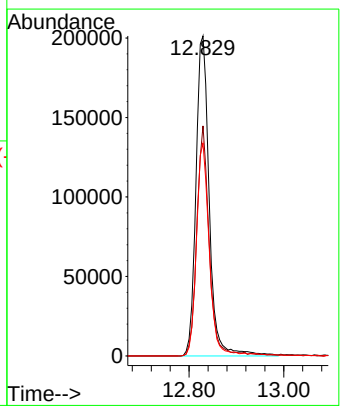


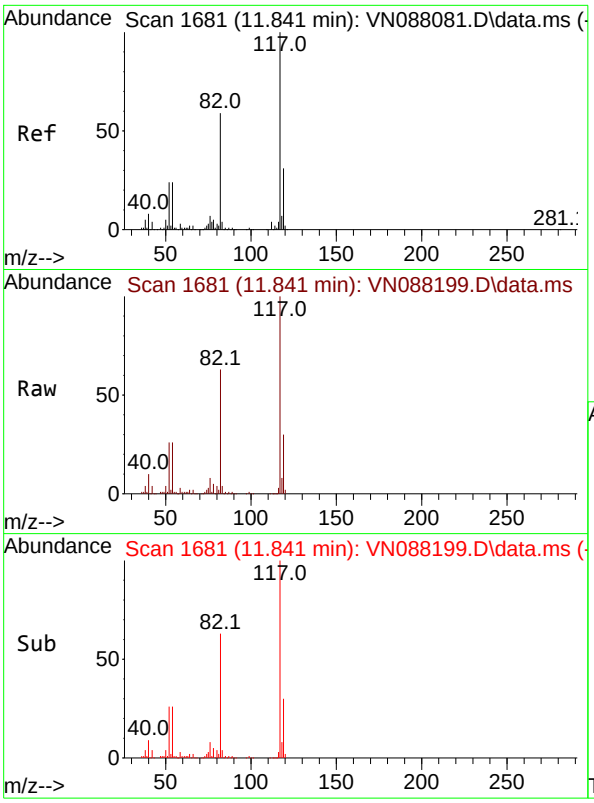


#62
4-Bromofluorobenzene
Concen: 56.094 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Tgt Ion: 95 Resp: 393012

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	138.4
176	64.6	0.0	132.6



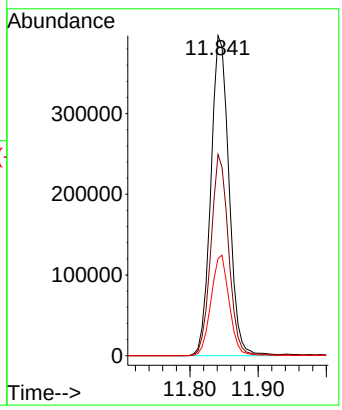


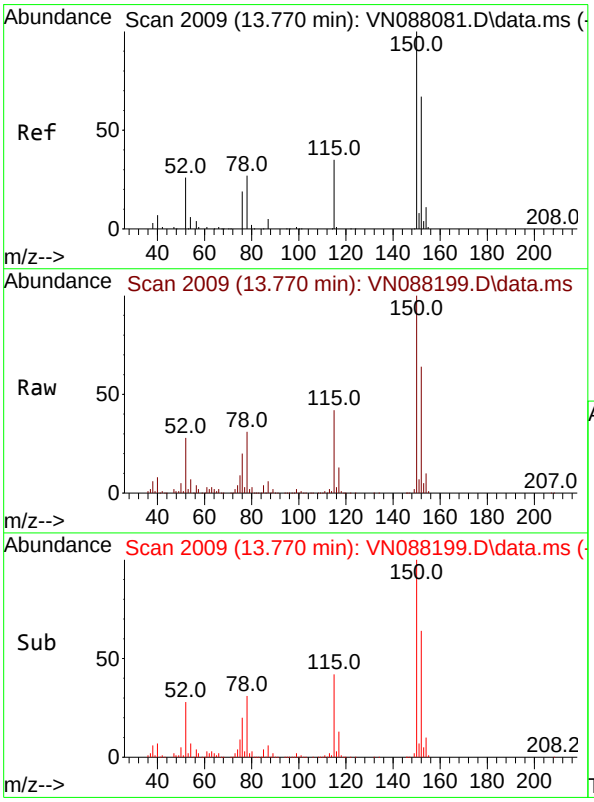
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tgt Ion:117 Resp: 734647

Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.4	71.2
119	30.4	24.3	36.5

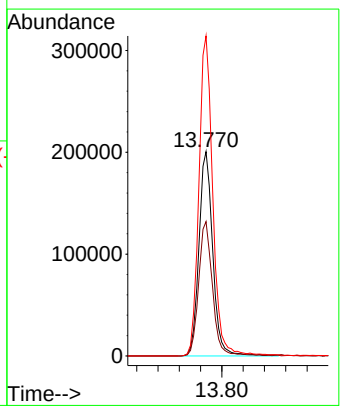




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088199.D
Acq: 06 Nov 2025 12:09

Tgt Ion:152 Resp: 362059

Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.3	96.8
150	157.1	0.0	351.0



Raw Data: **VN088224.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1107WBL01	SDG No.:	Q3560
Lab Sample ID:	VN1107WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/07/25 11:00	VN110725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/07/25 11:00	VN110725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/07/25 11:00	VN110725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 11:00	VN110725
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/07/25 11:00	VN110725
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/07/25 11:00	VN110725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/07/25 11:00	VN110725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/07/25 11:00	VN110725
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/07/25 11:00	VN110725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/07/25 11:00	VN110725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 11:00	VN110725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/07/25 11:00	VN110725
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/07/25 11:00	VN110725
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 11:00	VN110725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/07/25 11:00	VN110725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/07/25 11:00	VN110725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/07/25 11:00	VN110725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/07/25 11:00	VN110725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/07/25 11:00	VN110725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/07/25 11:00	VN110725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 11:00	VN110725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/07/25 11:00	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/07/25 11:00	VN110725
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/07/25 11:00	VN110725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/07/25 11:00	VN110725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/07/25 11:00	VN110725
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/07/25 11:00	VN110725
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/07/25 11:00	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/07/25 11:00	VN110725
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/07/25 11:00	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/07/25 11:00	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			74 - 125	121%	SPK: 50		

Raw Data: **VN088224.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VN1107WBL01			SDG No.:	Q3560
Lab Sample ID:	VN1107WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	49.6			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	498000							
3114-55-4	Chlorobenzene-d5	470000							
3855-82-1	1,4-Dichlorobenzene-d4	225000							

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\VN110725\
Data File : VN088224.D
Acq On : 07 Nov 2025 11:00
Operator : JC\MD
Sample : VN1107WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Quant Time: Nov 08 01:53:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	218414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	497944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	470093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	228861	60.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.200%			
35) Dibromofluoromethane	8.147	113	174482	52.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.541	98	638940	49.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.829	95	244496	53.710	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.420%			

Target Compounds Qvalue

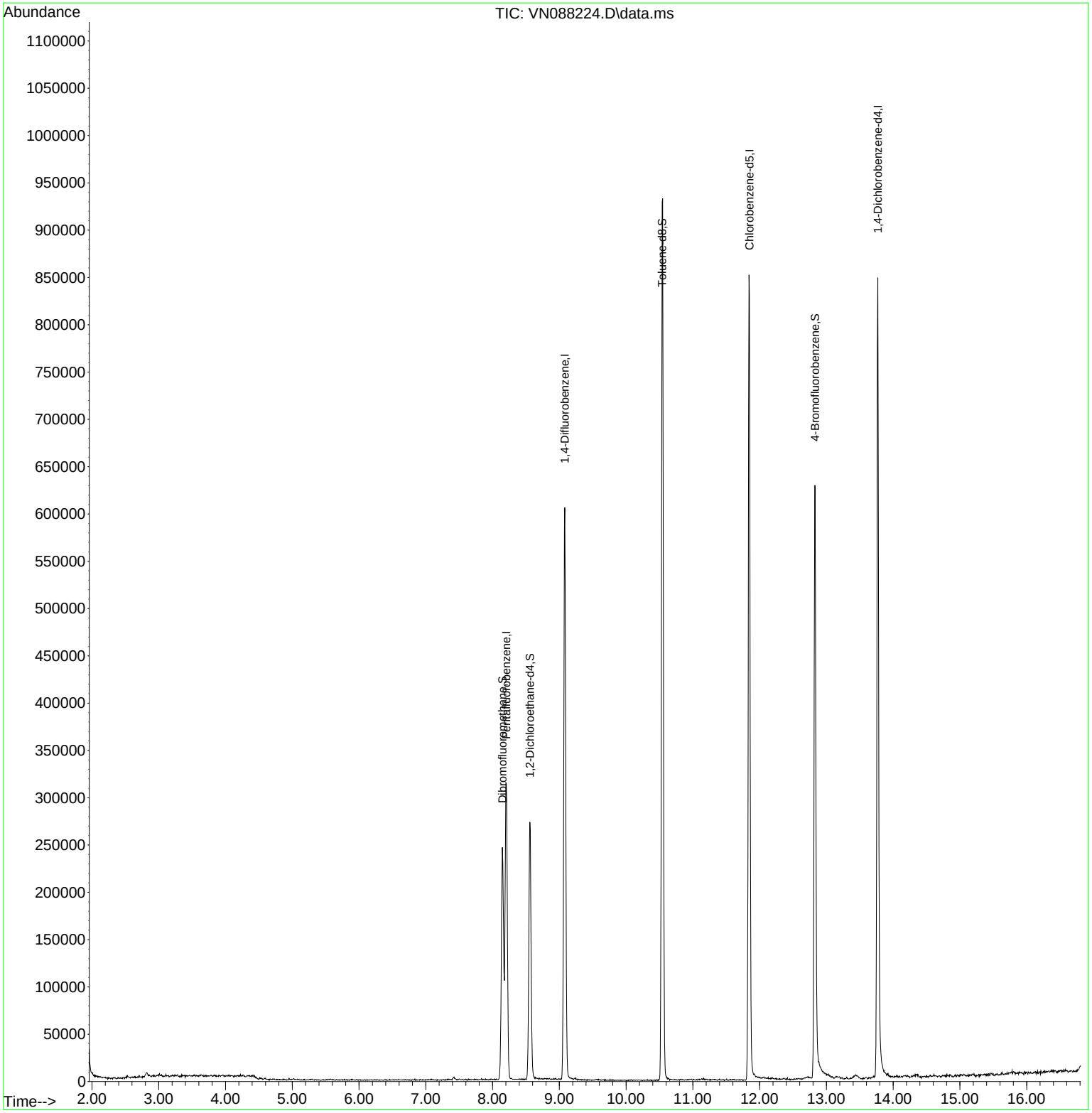
(#) = qualifier out of range (m) = manual integration (+) = signals summed

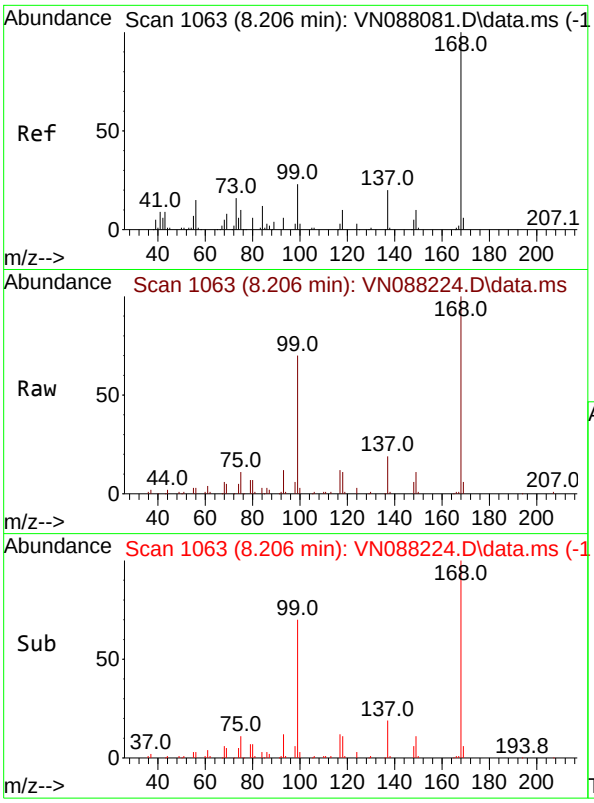
Sample Results: **VN088224.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088224.D
Acq On : 07 Nov 2025 11:00
Operator : JC\MD
Sample : VN1107WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Quant Time: Nov 08 01:53:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



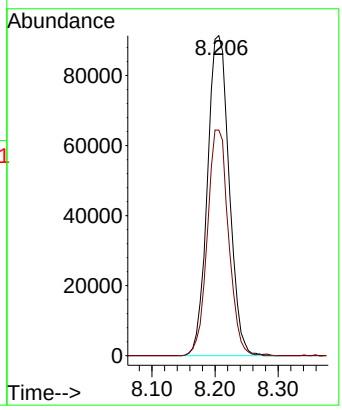


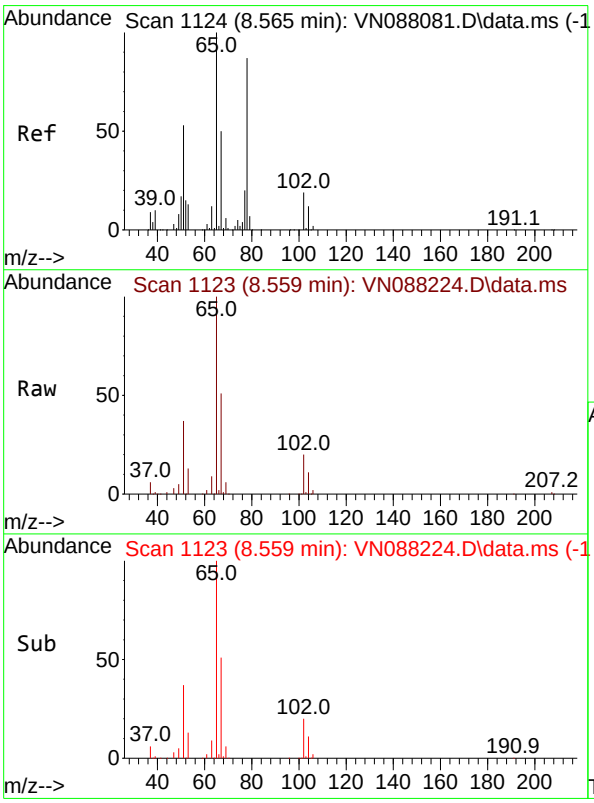
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion:168 Resp: 218414

Ion	Ratio	Lower	Upper
168	100		
99	70.5	57.2	85.8

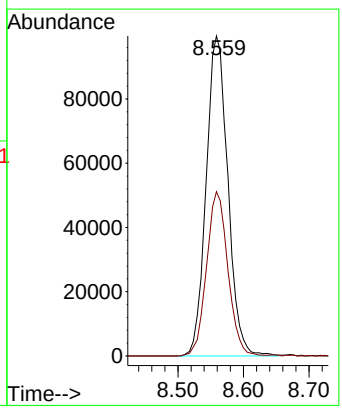


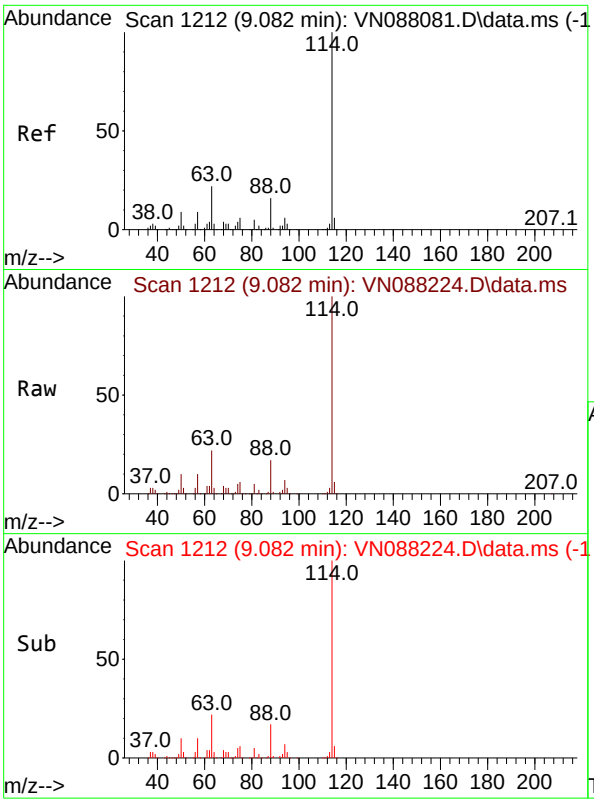


#33
1,2-Dichloroethane-d4
Concen: 60.596 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion: 65 Resp: 228861

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.0



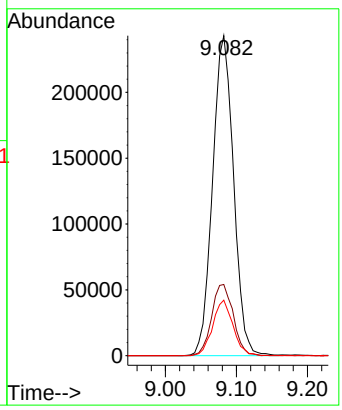


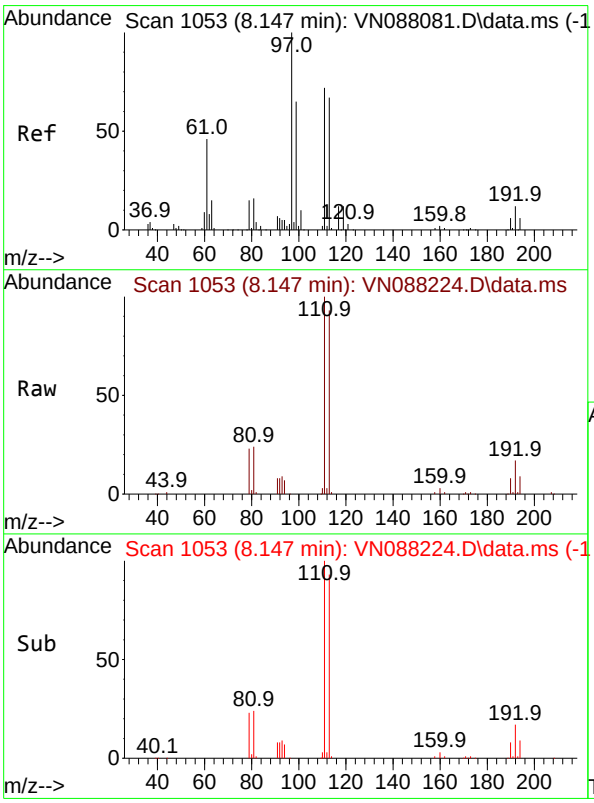
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion:114 Resp: 497944

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.2
88	17.3	0.0	33.4

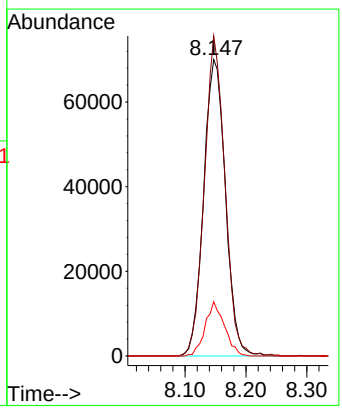


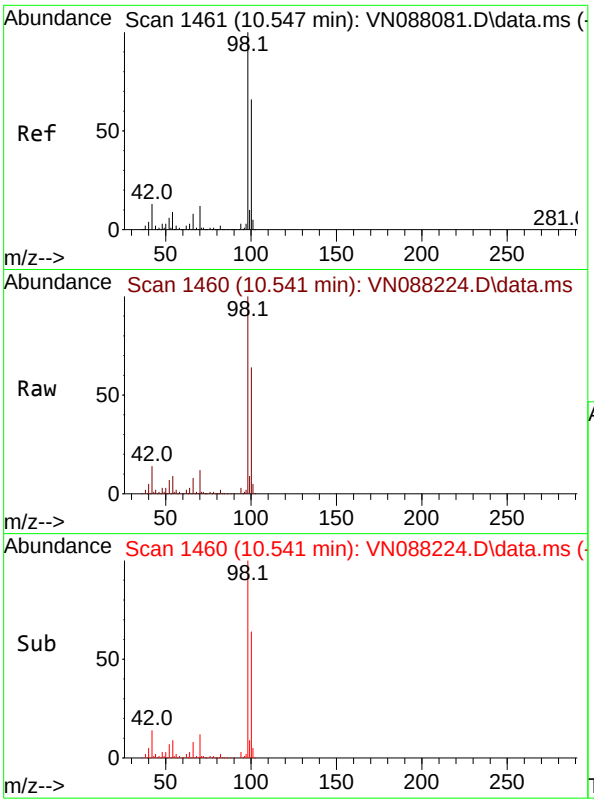


#35
Dibromofluoromethane
Concen: 52.159 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion:113 Resp: 174482

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	16.2	12.8	19.2



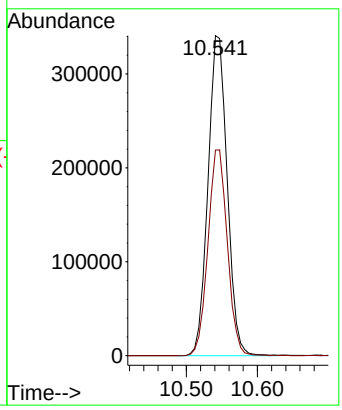


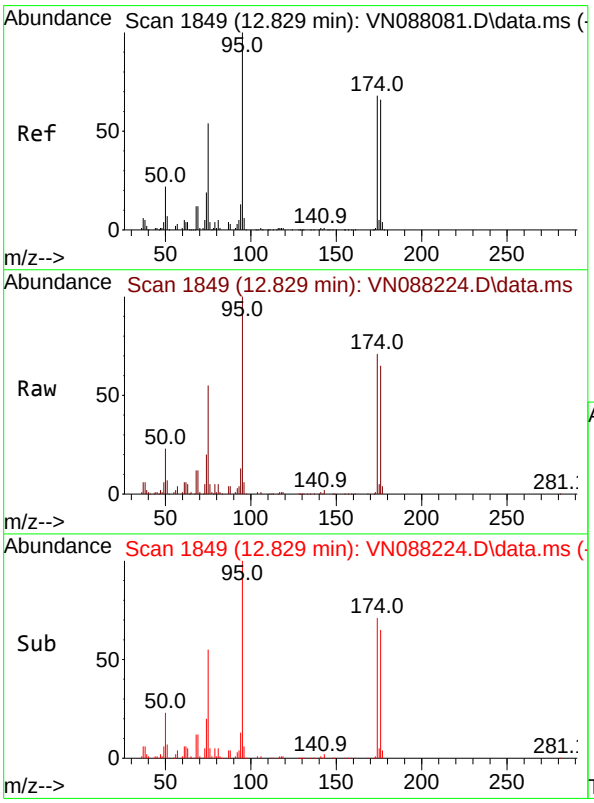
#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion: 98 Resp: 638940

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2

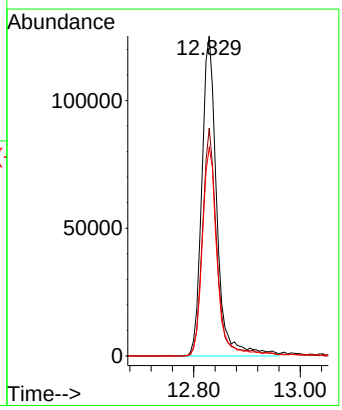


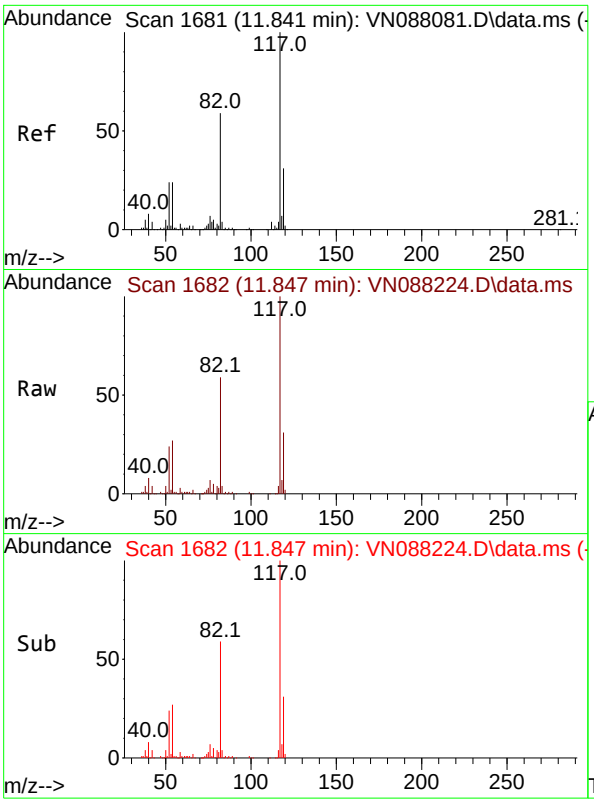


#62
4-Bromofluorobenzene
Concen: 53.710 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion: 95 Resp: 244496

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	138.4
176	64.1	0.0	132.6



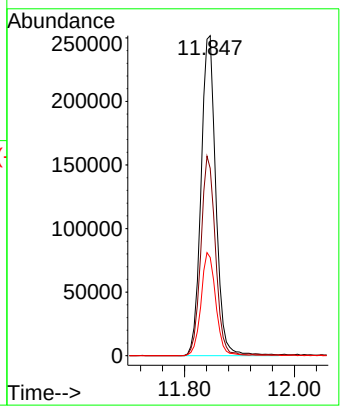


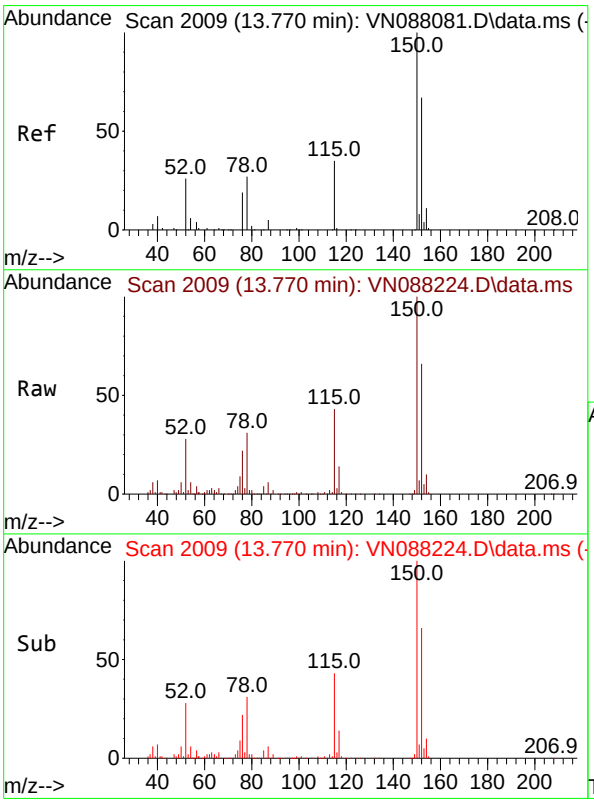
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion:117 Resp: 470093

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	30.7	24.3	36.5

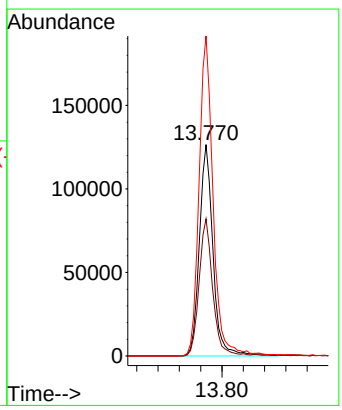




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion:152 Resp: 225246

Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.3	96.8
150	155.9	0.0	351.0



Raw Data: **VN088201.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBS01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBS01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	17.7		1	0.26	1.00	ug/L	11/06/25 12:53	VN110625
75-00-3	Chloroethane	15.9		1	0.47	1.00	ug/L	11/06/25 12:53	VN110625
75-69-4	Trichlorofluoromethane	17.2		1	0.33	1.00	ug/L	11/06/25 12:53	VN110625
75-35-4	1,1-Dichloroethene	16.9		1	0.23	1.00	ug/L	11/06/25 12:53	VN110625
107-13-1	Acrylonitrile	96.1		1	0.83	5.00	ug/L	11/06/25 12:53	VN110625
67-64-1	Acetone	85.8		1	1.50	5.00	ug/L	11/06/25 12:53	VN110625
75-15-0	Carbon Disulfide	16.3		1	0.21	1.00	ug/L	11/06/25 12:53	VN110625
75-09-2	Methylene Chloride	16.9		1	0.28	1.00	ug/L	11/06/25 12:53	VN110625
108-05-4	Vinyl Acetate	97.2		1	0.66	5.00	ug/L	11/06/25 12:53	VN110625
78-93-3	2-Butanone	94.8		1	0.98	5.00	ug/L	11/06/25 12:53	VN110625
56-23-5	Carbon Tetrachloride	19.8		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
156-59-2	cis-1,2-Dichloroethene	18.0		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
74-97-5	Bromochloromethane	21.5		1	0.22	1.00	ug/L	11/06/25 12:53	VN110625
67-66-3	Chloroform	18.9		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
71-55-6	1,1,1-Trichloroethane	18.9		1	0.20	1.00	ug/L	11/06/25 12:53	VN110625
71-43-2	Benzene	18.9		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	11/06/25 12:53	VN110625
74-95-3	Dibromomethane	19.9		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
75-27-4	Bromodichloromethane	20.1		1	0.22	1.00	ug/L	11/06/25 12:53	VN110625
108-10-1	4-Methyl-2-Pentanone	100		1	0.68	5.00	ug/L	11/06/25 12:53	VN110625
108-88-3	Toluene	18.9		1	0.14	1.00	ug/L	11/06/25 12:53	VN110625
10061-02-6	t-1,3-Dichloropropene	20.3		1	0.17	1.00	ug/L	11/06/25 12:53	VN110625
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.16	1.00	ug/L	11/06/25 12:53	VN110625
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/06/25 12:53	VN110625
124-48-1	Dibromochloromethane	19.7		1	0.18	1.00	ug/L	11/06/25 12:53	VN110625
106-93-4	1,2-Dibromoethane	19.4		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
127-18-4	Tetrachloroethene	18.7		1	0.23	1.00	ug/L	11/06/25 12:53	VN110625
108-90-7	Chlorobenzene	19.4		1	0.12	1.00	ug/L	11/06/25 12:53	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	20.1		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
100-41-4	Ethyl Benzene	19.5		1	0.13	1.00	ug/L	11/06/25 12:53	VN110625
1330-20-7	Total Xylenes	59.0		1	0.36	3.00	ug/L	11/06/25 12:53	VN110625
95-47-6	o-Xylene	20.0		1	0.12	1.00	ug/L	11/06/25 12:53	VN110625
100-42-5	Styrene	20.4		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
75-25-2	Bromoform	20.6		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1	0.26	1.00	ug/L	11/06/25 12:53	VN110625
96-18-4	1,2,3-Trichloropropane	21.6		1	0.35	1.00	ug/L	11/06/25 12:53	VN110625
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
95-50-1	1,2-Dichlorobenzene	19.6		1	0.16	1.00	ug/L	11/06/25 12:53	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1	0.53	1.00	ug/L	11/06/25 12:53	VN110625
74-88-4	Methyl Iodide	18.1		1	0.83	5.00	ug/L	11/06/25 12:53	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	18.4		1	0.84	5.00	ug/L	11/06/25 12:53	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.8			74 - 125	102%	SPK: 50		

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VN1106WBS01			SDG No.:	Q3560
Lab Sample ID:	VN1106WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	50.5			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.9			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.5			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	372000							
540-36-3	1,4-Difluorobenzene	670000							
3114-55-4	Chlorobenzene-d5	574000							
3855-82-1	1,4-Dichlorobenzene-d4	278000							

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\VN110625\
Data File : VN088201.D
Acq On : 06 Nov 2025 12:53
Operator : JC\MD
Sample : VN1106WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 02:17:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	371844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	669973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	573811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	278028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	326341	50.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	8.147	113	227230	50.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	10.547	98	848237	48.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.820%			
62) 4-Bromofluorobenzene	12.823	95	309231	50.488	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	74589	17.783	ug/l	100
3) Chloromethane	2.383	50	83381	16.897	ug/l	97
4) Vinyl Chloride	2.536	62	95349	17.734	ug/l	98
5) Bromomethane	2.983	94	54317	16.890	ug/l	99
6) Chloroethane	3.142	64	61586	15.898	ug/l	95
7) Trichlorofluoromethane	3.512	101	147353	17.183	ug/l	99
8) Diethyl Ether	3.959	74	55297	17.350	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	80391	18.167	ug/l	98
10) Methyl Iodide	4.583	142	73129	18.083	ug/l	97
11) Tert butyl alcohol	5.524	59	110854	100.072	ug/l	99
12) 1,1-Dichloroethene	4.336	96	78907	16.883	ug/l	96
13) Acrolein	4.183	56	84373	67.714	ug/l	96
14) Allyl chloride	5.012	41	146065	17.830	ug/l	99
15) Acrylonitrile	5.706	53	290123	96.149	ug/l	99
16) Acetone	4.424	43	277247	85.826	ug/l	100
17) Carbon Disulfide	4.706	76	231622	16.303	ug/l	99
18) Methyl Acetate	5.018	43	132931	20.101	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	328649	19.148	ug/l	98
20) Methylene Chloride	5.265	84	91893	16.947	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	85100	16.589	ug/l	97
22) Diisopropyl ether	6.659	45	326636	18.960	ug/l	99
23) Vinyl Acetate	6.589	43	1508829	97.227	ug/l	100
24) 1,1-Dichloroethane	6.553	63	181815	19.052	ug/l	96
25) 2-Butanone	7.465	43	403718	94.834	ug/l	98
26) 2,2-Dichloropropane	7.477	77	161851	18.663	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	106563	18.044	ug/l	95
28) Bromochloromethane	7.794	49	96759	21.458	ug/l	98
29) Tetrahydrofuran	7.830	42	264422	95.309	ug/l	100
30) Chloroform	7.947	83	179861	18.866	ug/l	98
31) Cyclohexane	8.236	56	164089	18.231	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	160255	18.873	ug/l	96
36) 1,1-Dichloropropene	8.353	75	127213	19.357	ug/l	98
37) Ethyl Acetate	7.547	43	171536	20.226	ug/l	99
38) Carbon Tetrachloride	8.341	117	134516	19.818	ug/l	97
39) Methylcyclohexane	9.582	83	143846	17.029	ug/l	95
40) Benzene	8.588	78	377772	18.875	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088201.D
Acq On : 06 Nov 2025 12:53
Operator : JC\MD
Sample : VN1106WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 02:17:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	84643	18.963	ug/l		96
42) 1,2-Dichloroethane	8.647	62	148549	20.889	ug/l		99
43) Isopropyl Acetate	8.671	43	266158	20.424	ug/l		99
44) Trichloroethene	9.330	130	89186	19.065	ug/l		100
45) 1,2-Dichloropropane	9.600	63	97054	19.208	ug/l		93
46) Dibromomethane	9.688	93	71741	19.908	ug/l		99
47) Bromodichloromethane	9.871	83	144765	20.064	ug/l		99
48) Methyl methacrylate	9.665	41	122568	20.372	ug/l		99
49) 1,4-Dioxane	9.677	88	33976	454.041	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.424	43	808316	104.847	ug/l		99
52) Toluene	10.606	92	233701	18.939	ug/l		97
53) t-1,3-Dichloropropene	10.812	75	156006	20.316	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	162462	19.938	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	89697	19.160	ug/l		96
56) Ethyl methacrylate	10.859	69	151441	20.441	ug/l		98
57) 1,3-Dichloropropane	11.141	76	162963	19.804	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	477176	123.825	ug/l		100
59) 2-Hexanone	11.177	43	531688	103.962	ug/l		97
60) Dibromochloromethane	11.335	129	104789	19.693	ug/l		97
61) 1,2-Dibromoethane	11.447	107	93252	19.355	ug/l		99
64) Tetrachloroethene	11.082	164	70950	18.745	ug/l		93
65) Chlorobenzene	11.871	112	252779	19.401	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	85670	20.069	ug/l		99
67) Ethyl Benzene	11.941	91	445487	19.478	ug/l		98
68) m/p-Xylenes	12.047	106	334225	39.003	ug/l		99
69) o-Xylene	12.376	106	162640	20.021	ug/l		99
70) Styrene	12.388	104	270145	20.394	ug/l		98
71) Bromoform	12.553	173	65757	20.642	ug/l	#	97
73) Isopropylbenzene	12.671	105	421404	19.652	ug/l		100
74) N-amyl acetate	12.588	43	123156m	20.232	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	132464	19.842	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	137092m	21.567	ug/l		
77) Bromobenzene	12.959	156	92618	20.029	ug/l		93
78) n-propylbenzene	13.012	91	508800	19.443	ug/l		99
79) 2-Chlorotoluene	13.100	91	309459	20.736	ug/l		97
80) 1,3,5-Trimethylbenzene	13.147	105	352900	19.816	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	41930	18.401	ug/l		90
82) 4-Chlorotoluene	13.200	91	321838	19.933	ug/l		98
83) tert-Butylbenzene	13.412	119	295761	18.591	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	353687	19.850	ug/l		99
85) sec-Butylbenzene	13.594	105	416431	17.817	ug/l		100
86) p-Isopropyltoluene	13.706	119	346086	18.458	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	179984	19.498	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	185559	18.716	ug/l		96
89) n-Butylbenzene	14.035	91	325996	17.552	ug/l		99
90) Hexachloroethane	14.312	117	64721	17.825	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	174631	19.625	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	31294	20.139	ug/l		93
93) 1,2,4-Trichlorobenzene	15.364	180	91659	17.009	ug/l		99
94) Hexachlorobutadiene	15.476	225	32290	16.090	ug/l		99
95) Naphthalene	15.612	128	327707	17.751	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	83557	16.171	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088201.D
Acq On : 06 Nov 2025 12:53
Operator : JC\MD
Sample : VN1106WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 02:17:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

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

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

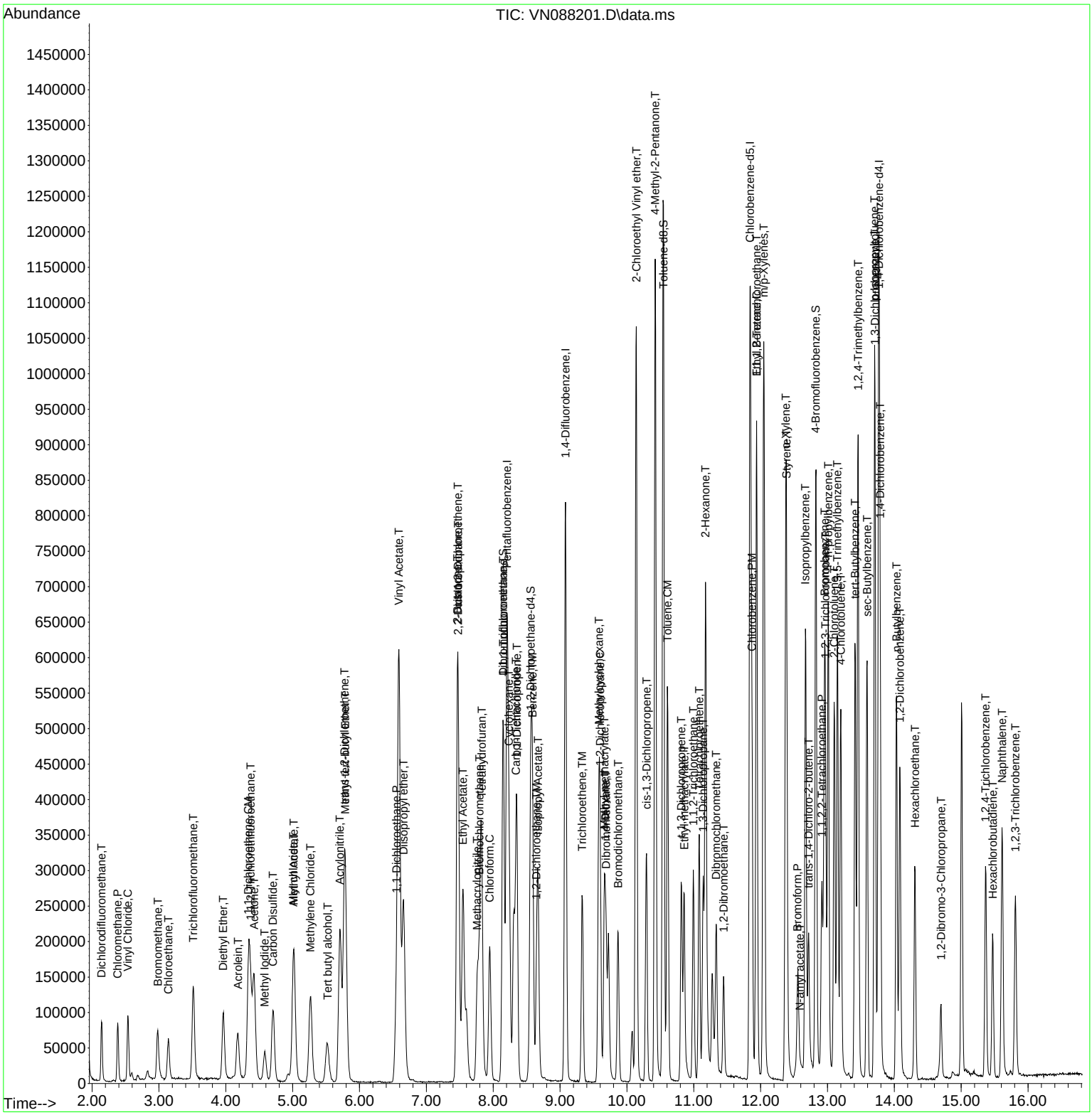
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088201.D
Acq On : 06 Nov 2025 12:53
Operator : JC\MD
Sample : VN1106WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 02:17:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



Raw Data: **VN088225.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1107WBS01	SDG No.:	Q3560
Lab Sample ID:	VN1107WBS01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	18.8		1	0.26	1.00	ug/L	11/07/25 11:47	VN110725
75-00-3	Chloroethane	17.2		1	0.47	1.00	ug/L	11/07/25 11:47	VN110725
75-69-4	Trichlorofluoromethane	16.9		1	0.33	1.00	ug/L	11/07/25 11:47	VN110725
75-35-4	1,1-Dichloroethene	16.7		1	0.23	1.00	ug/L	11/07/25 11:47	VN110725
107-13-1	Acrylonitrile	110		1	0.83	5.00	ug/L	11/07/25 11:47	VN110725
67-64-1	Acetone	110		1	1.50	5.00	ug/L	11/07/25 11:47	VN110725
75-15-0	Carbon Disulfide	17.6		1	0.21	1.00	ug/L	11/07/25 11:47	VN110725
75-09-2	Methylene Chloride	20.6		1	0.28	1.00	ug/L	11/07/25 11:47	VN110725
108-05-4	Vinyl Acetate	110		1	0.66	5.00	ug/L	11/07/25 11:47	VN110725
78-93-3	2-Butanone	120		1	0.98	5.00	ug/L	11/07/25 11:47	VN110725
56-23-5	Carbon Tetrachloride	19.1		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
74-97-5	Bromochloromethane	21.5		1	0.22	1.00	ug/L	11/07/25 11:47	VN110725
67-66-3	Chloroform	21.4		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
71-55-6	1,1,1-Trichloroethane	19.9		1	0.20	1.00	ug/L	11/07/25 11:47	VN110725
71-43-2	Benzene	20.3		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
78-87-5	1,2-Dichloropropane	20.9		1	0.20	1.00	ug/L	11/07/25 11:47	VN110725
74-95-3	Dibromomethane	20.6		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
75-27-4	Bromodichloromethane	21.6		1	0.22	1.00	ug/L	11/07/25 11:47	VN110725
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/07/25 11:47	VN110725
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	11/07/25 11:47	VN110725
10061-02-6	t-1,3-Dichloropropene	20.6		1	0.17	1.00	ug/L	11/07/25 11:47	VN110725
10061-01-5	cis-1,3-Dichloropropene	21.3		1	0.16	1.00	ug/L	11/07/25 11:47	VN110725
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/07/25 11:47	VN110725
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	11/07/25 11:47	VN110725
106-93-4	1,2-Dibromoethane	20.3		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	11/07/25 11:47	VN110725
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	11/07/25 11:47	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	20.4		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
100-41-4	Ethyl Benzene	19.5		1	0.13	1.00	ug/L	11/07/25 11:47	VN110725
1330-20-7	Total Xylenes	58.3		1	0.36	3.00	ug/L	11/07/25 11:47	VN110725
95-47-6	o-Xylene	20.2		1	0.12	1.00	ug/L	11/07/25 11:47	VN110725
100-42-5	Styrene	20.4		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
75-25-2	Bromoform	20.3		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1	0.26	1.00	ug/L	11/07/25 11:47	VN110725
96-18-4	1,2,3-Trichloropropane	19.0		1	0.35	1.00	ug/L	11/07/25 11:47	VN110725
106-46-7	1,4-Dichlorobenzene	19.3		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
95-50-1	1,2-Dichlorobenzene	19.7		1	0.16	1.00	ug/L	11/07/25 11:47	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1	0.53	1.00	ug/L	11/07/25 11:47	VN110725
74-88-4	Methyl Iodide	21.0		1	0.83	5.00	ug/L	11/07/25 11:47	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	17.3		1	0.84	5.00	ug/L	11/07/25 11:47	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			74 - 125	111%	SPK: 50		

Raw Data: **VN088225.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VN1107WBS01			SDG No.:	Q3560
Lab Sample ID:	VN1107WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	47.8			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.3			77 - 121	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	317000							
540-36-3	1,4-Difluorobenzene	611000							
3114-55-4	Chlorobenzene-d5	529000							
3855-82-1	1,4-Dichlorobenzene-d4	263000							

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

Sample Results: **VN088225.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088225.D
Acq On : 07 Nov 2025 11:47
Operator : JC\MD
Sample : VN1107WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 01:54:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	316837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	610543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	528698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	262907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	303328	55.364	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	8.147	113	210612	51.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.547	98	756197	47.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.700%			
62) 4-Bromofluorobenzene	12.829	95	275373	49.337	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	59638	16.687	ug/l	93
3) Chloromethane	2.383	50	83198	19.788	ug/l	98
4) Vinyl Chloride	2.536	62	86065	18.787	ug/l	91
5) Bromomethane	2.977	94	51586	18.826	ug/l	96
6) Chloroethane	3.142	64	56610	17.151	ug/l	93
7) Trichlorofluoromethane	3.518	101	123255	16.869	ug/l	98
8) Diethyl Ether	3.965	74	53972	19.874	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	65966	17.496	ug/l	97
10) Methyl Iodide	4.583	142	72320	20.988	ug/l	95
11) Tert butyl alcohol	5.518	59	107128	113.498	ug/l	99
12) 1,1-Dichloroethene	4.336	96	66556	16.713	ug/l	84
13) Acrolein	4.177	56	84612	79.695	ug/l	99
14) Allyl chloride	5.006	41	139033	19.919	ug/l	98
15) Acrylonitrile	5.706	53	291492	113.374	ug/l	99
16) Acetone	4.418	43	292031	106.098	ug/l	99
17) Carbon Disulfide	4.706	76	213468	17.634	ug/l	98
18) Methyl Acetate	5.024	43	136242	24.178	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	318225	21.759	ug/l	98
20) Methylene Chloride	5.265	84	95099	20.583	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	82032	18.767	ug/l	97
22) Diisopropyl ether	6.659	45	327878	22.336	ug/l	97
23) Vinyl Acetate	6.588	43	1481207	112.018	ug/l	100
24) 1,1-Dichloroethane	6.553	63	175527	21.586	ug/l	96
25) 2-Butanone	7.465	43	417286	115.039	ug/l	98
26) 2,2-Dichloropropane	7.471	77	145523	19.693	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	104918	20.849	ug/l	97
28) Bromochloromethane	7.794	49	82739	21.535	ug/l	99
29) Tetrahydrofuran	7.824	42	260330	110.125	ug/l	98
30) Chloroform	7.947	83	173640	21.375	ug/l	93
31) Cyclohexane	8.241	56	140853	18.366	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	144118	19.919	ug/l	95
36) 1,1-Dichloropropene	8.353	75	115927	19.357	ug/l	99
37) Ethyl Acetate	7.547	43	161391	20.882	ug/l	98
38) Carbon Tetrachloride	8.341	117	118328	19.130	ug/l	97
39) Methylcyclohexane	9.582	83	124101	16.121	ug/l	97
40) Benzene	8.588	78	369830	20.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088225.D
Acq On : 07 Nov 2025 11:47
Operator : JC\MD
Sample : VN1107WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 01:54:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	90502	22.249	ug/l		96
42) 1,2-Dichloroethane	8.653	62	145360	22.430	ug/l		99
43) Isopropyl Acetate	8.671	43	252130	21.231	ug/l		98
44) Trichloroethene	9.335	130	83576	19.604	ug/l		97
45) 1,2-Dichloropropane	9.600	63	96182	20.888	ug/l		96
46) Dibromomethane	9.688	93	67667	20.605	ug/l		98
47) Bromodichloromethane	9.865	83	141978	21.594	ug/l		96
48) Methyl methacrylate	9.665	41	118965	21.698	ug/l		99
49) 1,4-Dioxane	9.682	88	32574	477.677	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.423	43	786744	111.983	ug/l		100
52) Toluene	10.606	92	219303	19.502	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	144240	20.612	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	158168	21.300	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	85321	19.999	ug/l		98
56) Ethyl methacrylate	10.859	69	145079	21.489	ug/l		96
57) 1,3-Dichloropropane	11.141	76	157489	21.002	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	425295	121.105	ug/l		100
59) 2-Hexanone	11.176	43	502399	107.797	ug/l		97
60) Dibromochloromethane	11.335	129	97258	20.057	ug/l		99
61) 1,2-Dibromoethane	11.447	107	88935	20.255	ug/l		99
64) Tetrachloroethene	11.076	164	62249	17.850	ug/l		92
65) Chlorobenzene	11.870	112	238264	19.847	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	80366	20.433	ug/l		98
67) Ethyl Benzene	11.941	91	410050	19.459	ug/l		99
68) m/p-Xylenes	12.053	106	300708	38.086	ug/l		100
69) o-Xylene	12.376	106	151560	20.249	ug/l		100
70) Styrene	12.394	104	248757	20.381	ug/l		98
71) Bromoform	12.559	173	59559	20.292	ug/l	#	98
73) Isopropylbenzene	12.676	105	379967	18.738	ug/l		100
74) N-amyl acetate	12.682	43	105666m	18.357	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	130608	20.689	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	114426m	19.037	ug/l		
77) Bromobenzene	12.959	156	92029	21.047	ug/l		99
78) n-propylbenzene	13.011	91	463849	18.745	ug/l		100
79) 2-Chlorotoluene	13.106	91	283242	20.071	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	319320	18.962	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.711	75	37181	17.255	ug/l	#	82
82) 4-Chlorotoluene	13.200	91	292726	19.173	ug/l		99
83) tert-Butylbenzene	13.417	119	271020	18.016	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	328035	19.469	ug/l		99
85) sec-Butylbenzene	13.594	105	388056	17.557	ug/l		100
86) p-Isopropyltoluene	13.706	119	325865	18.379	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	168314	19.282	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	180770	19.282	ug/l		98
89) n-Butylbenzene	14.035	91	309305	17.611	ug/l		98
90) Hexachloroethane	14.311	117	61234	17.834	ug/l		95
91) 1,2-Dichlorobenzene	14.082	146	166145	19.746	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	29217	19.884	ug/l		97
93) 1,2,4-Trichlorobenzene	15.370	180	96495	18.936	ug/l		97
94) Hexachlorobutadiene	15.476	225	35501	18.708	ug/l		98
95) Naphthalene	15.617	128	324649	18.597	ug/l		100
96) 1,2,3-Trichlorobenzene	15.817	180	88763	18.167	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088225.D
Acq On : 07 Nov 2025 11:47
Operator : JC\MD
Sample : VN1107WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 01:54:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025

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

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

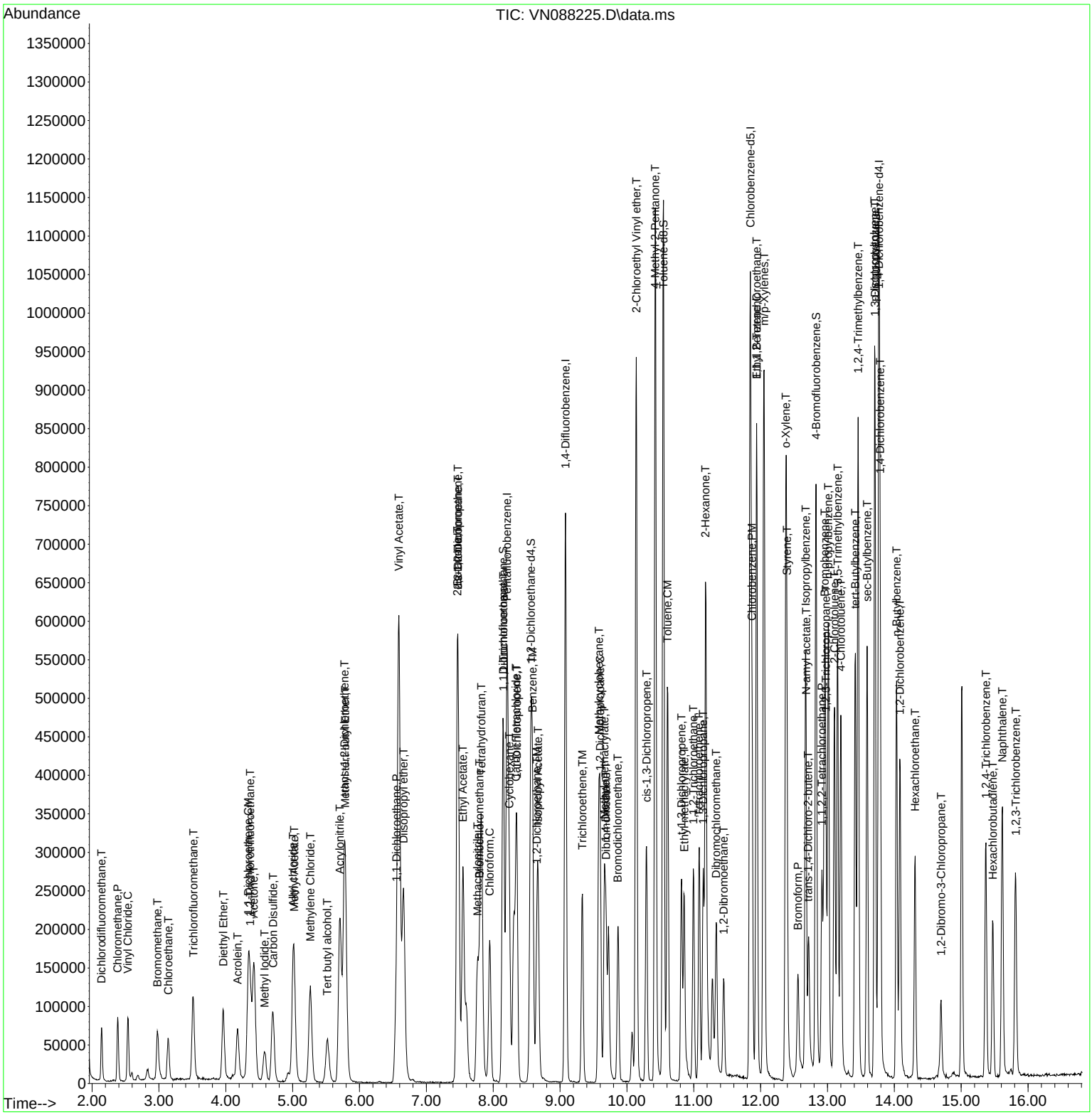
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088225.D
Acq On : 07 Nov 2025 11:47
Operator : JC\MD
Sample : VN1107WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 01:54:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Mahesh Dadoda 11/10/2025



Raw Data: **VN088218.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBSD01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBSD01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	17.9		1	0.26	1.00	ug/L	11/06/25 19:18	VN110625
75-00-3	Chloroethane	16.7		1	0.47	1.00	ug/L	11/06/25 19:18	VN110625
75-69-4	Trichlorofluoromethane	17.4		1	0.33	1.00	ug/L	11/06/25 19:18	VN110625
75-35-4	1,1-Dichloroethene	16.5		1	0.23	1.00	ug/L	11/06/25 19:18	VN110625
107-13-1	Acrylonitrile	110		1	0.83	5.00	ug/L	11/06/25 19:18	VN110625
67-64-1	Acetone	95.9		1	1.50	5.00	ug/L	11/06/25 19:18	VN110625
75-15-0	Carbon Disulfide	17.0		1	0.21	1.00	ug/L	11/06/25 19:18	VN110625
75-09-2	Methylene Chloride	19.2		1	0.28	1.00	ug/L	11/06/25 19:18	VN110625
108-05-4	Vinyl Acetate	100		1	0.66	5.00	ug/L	11/06/25 19:18	VN110625
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/06/25 19:18	VN110625
56-23-5	Carbon Tetrachloride	19.2		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
74-97-5	Bromochloromethane	21.1		1	0.22	1.00	ug/L	11/06/25 19:18	VN110625
67-66-3	Chloroform	20.0		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
71-55-6	1,1,1-Trichloroethane	19.4		1	0.20	1.00	ug/L	11/06/25 19:18	VN110625
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
78-87-5	1,2-Dichloropropane	19.5		1	0.20	1.00	ug/L	11/06/25 19:18	VN110625
74-95-3	Dibromomethane	20.1		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
75-27-4	Bromodichloromethane	20.1		1	0.22	1.00	ug/L	11/06/25 19:18	VN110625
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/06/25 19:18	VN110625
108-88-3	Toluene	18.9		1	0.14	1.00	ug/L	11/06/25 19:18	VN110625
10061-02-6	t-1,3-Dichloropropene	19.6		1	0.17	1.00	ug/L	11/06/25 19:18	VN110625
10061-01-5	cis-1,3-Dichloropropene	19.7		1	0.16	1.00	ug/L	11/06/25 19:18	VN110625
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/06/25 19:18	VN110625
124-48-1	Dibromochloromethane	19.2		1	0.18	1.00	ug/L	11/06/25 19:18	VN110625
106-93-4	1,2-Dibromoethane	19.4		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
127-18-4	Tetrachloroethene	18.9		1	0.23	1.00	ug/L	11/06/25 19:18	VN110625
108-90-7	Chlorobenzene	19.3		1	0.12	1.00	ug/L	11/06/25 19:18	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	20.0		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
100-41-4	Ethyl Benzene	19.0		1	0.13	1.00	ug/L	11/06/25 19:18	VN110625
1330-20-7	Total Xylenes	57.4		1	0.36	3.00	ug/L	11/06/25 19:18	VN110625
95-47-6	o-Xylene	19.5		1	0.12	1.00	ug/L	11/06/25 19:18	VN110625
100-42-5	Styrene	19.8		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
75-25-2	Bromoform	19.9		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1	0.26	1.00	ug/L	11/06/25 19:18	VN110625
96-18-4	1,2,3-Trichloropropane	18.5		1	0.35	1.00	ug/L	11/06/25 19:18	VN110625
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
95-50-1	1,2-Dichlorobenzene	19.6		1	0.16	1.00	ug/L	11/06/25 19:18	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1	0.53	1.00	ug/L	11/06/25 19:18	VN110625
74-88-4	Methyl Iodide	18.7		1	0.83	5.00	ug/L	11/06/25 19:18	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	18.8		1	0.84	5.00	ug/L	11/06/25 19:18	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.4			74 - 125	113%	SPK: 50		

Raw Data: **VN088218.D**

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VN1106WBSD01			SDG No.:	Q3560
Lab Sample ID:	VN1106WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	52.7			75 - 124	105%	SPK: 50		
2037-26-5	Toluene-d8	49.8			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.7			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	316000							
540-36-3	1,4-Difluorobenzene	600000							
3114-55-4	Chlorobenzene-d5	523000							
3855-82-1	1,4-Dichlorobenzene-d4	247000							

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\VN110625\
Data File : VN088218.D
Acq On : 06 Nov 2025 19:18
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 07 02:26:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	315748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	600237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	522703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	307811	56.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.760%			
35) Dibromofluoromethane	8.147	113	212664	52.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.547	98	773492	49.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.823	95	283578	51.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61420	17.245	ug/l	94
3) Chloromethane	2.383	50	76392	18.232	ug/l	97
4) Vinyl Chloride	2.536	62	81739	17.904	ug/l	99
5) Bromomethane	2.983	94	46943	17.191	ug/l	93
6) Chloroethane	3.142	64	54844	16.673	ug/l	96
7) Trichlorofluoromethane	3.512	101	126621	17.389	ug/l	100
8) Diethyl Ether	3.965	74	51818	19.147	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	65523	17.438	ug/l	96
10) Methyl Iodide	4.583	142	64091	18.664	ug/l	96
11) Tert butyl alcohol	5.524	59	107349	114.125	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65503	16.505	ug/l	84
13) Acrolein	4.183	56	73064	69.056	ug/l	100
14) Allyl chloride	5.012	41	133414	19.179	ug/l	99
15) Acrylonitrile	5.706	53	271889	106.114	ug/l	100
16) Acetone	4.424	43	262988	95.876	ug/l	93
17) Carbon Disulfide	4.706	76	205435	17.029	ug/l	97
18) Methyl Acetate	5.024	43	129754	23.106	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	297224	20.393	ug/l	98
20) Methylene Chloride	5.265	84	88614	19.245	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	78127	17.935	ug/l	96
22) Diisopropyl ether	6.659	45	301895	20.637	ug/l	97
23) Vinyl Acetate	6.589	43	1367308	103.761	ug/l	98
24) 1,1-Dichloroethane	6.559	63	158619	19.574	ug/l	97
25) 2-Butanone	7.471	43	382634	105.850	ug/l	99
26) 2,2-Dichloropropane	7.477	77	130461	17.716	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	95600	19.063	ug/l	96
28) Bromochloromethane	7.800	49	80735	21.085	ug/l	98
29) Tetrahydrofuran	7.830	42	249907	106.081	ug/l	99
30) Chloroform	7.953	83	161776	19.983	ug/l	100
31) Cyclohexane	8.241	56	138727	18.151	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	139724	19.378	ug/l	93
36) 1,1-Dichloropropene	8.353	75	112617	19.127	ug/l	100
37) Ethyl Acetate	7.547	43	150238	19.773	ug/l	98
38) Carbon Tetrachloride	8.347	117	116864	19.218	ug/l	98
39) Methylcyclohexane	9.577	83	119474	15.787	ug/l	99
40) Benzene	8.588	78	341636	19.053	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088218.D
Acq On : 06 Nov 2025 19:18
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 07 02:26:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	76598	19.154	ug/l		96
42) 1,2-Dichloroethane	8.653	62	137000	21.503	ug/l		98
43) Isopropyl Acetate	8.677	43	244676	20.957	ug/l		99
44) Trichloroethene	9.330	130	77594	18.514	ug/l		89
45) 1,2-Dichloropropane	9.600	63	88076	19.456	ug/l		100
46) Dibromomethane	9.688	93	64966	20.122	ug/l		97
47) Bromodichloromethane	9.871	83	129936	20.102	ug/l		97
48) Methyl methacrylate	9.665	41	113289	21.017	ug/l		98
49) 1,4-Dioxane	9.682	88	31712	473.021	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.424	43	755959	109.448	ug/l		99
52) Toluene	10.606	92	209323	18.934	ug/l		96
53) t-1,3-Dichloropropene	10.812	75	134676	19.576	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	143462	19.651	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	82938	19.774	ug/l		97
56) Ethyl methacrylate	10.853	69	134299	20.234	ug/l		97
57) 1,3-Dichloropropane	11.141	76	145866	19.786	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	400831	116.099	ug/l		99
59) 2-Hexanone	11.177	43	465795	101.659	ug/l		97
60) Dibromochloromethane	11.335	129	91503	19.194	ug/l		99
61) 1,2-Dibromoethane	11.447	107	83915	19.440	ug/l		98
64) Tetrachloroethene	11.082	164	65190	18.907	ug/l		90
65) Chlorobenzene	11.871	112	228602	19.261	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.935	131	77849	20.020	ug/l		100
67) Ethyl Benzene	11.941	91	395378	18.978	ug/l		99
68) m/p-Xylenes	12.047	106	295704	37.882	ug/l		100
69) o-Xylene	12.376	106	144005	19.461	ug/l		97
70) Styrene	12.388	104	239200	19.823	ug/l		98
71) Bromoform	12.559	173	57719	19.890	ug/l	#	99
73) Isopropylbenzene	12.671	105	362986	19.080	ug/l		100
74) N-amyl acetate	12.594	43	96234m	17.819	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	125234	21.144	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	104593m	18.547	ug/l		
77) Bromobenzene	12.959	156	86764	21.149	ug/l		99
78) n-propylbenzene	13.012	91	439980	18.951	ug/l		99
79) 2-Chlorotoluene	13.106	91	270685	20.445	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	304404	19.266	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	37957	18.775	ug/l		89
82) 4-Chlorotoluene	13.200	91	278352	19.432	ug/l		99
83) tert-Butylbenzene	13.412	119	256012	18.139	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	311134	19.682	ug/l		99
85) sec-Butylbenzene	13.594	105	365493	17.626	ug/l		100
86) p-Isopropyltoluene	13.706	119	299729	18.018	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	160959	19.654	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	164686	18.723	ug/l		96
89) n-Butylbenzene	14.035	91	282866	17.167	ug/l		100
90) Hexachloroethane	14.306	117	55520	17.235	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	154672	19.593	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27397	19.873	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	84917	17.761	ug/l		96
94) Hexachlorobutadiene	15.470	225	28519	16.018	ug/l		99
95) Naphthalene	15.617	128	298400	18.219	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	74721	16.300	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088218.D
Acq On : 06 Nov 2025 19:18
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 07 02:26:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

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

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

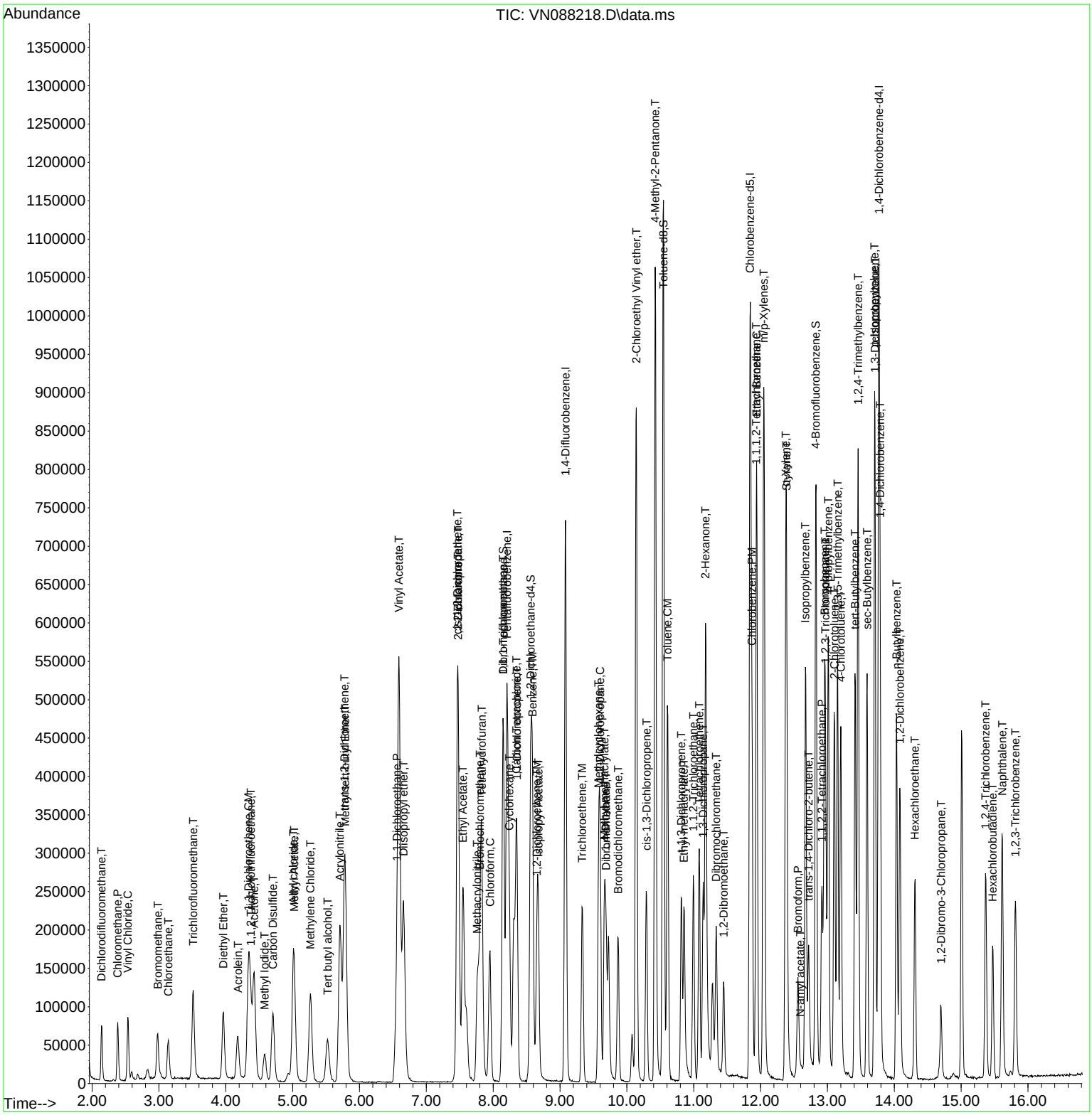
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088218.D
Acq On : 06 Nov 2025 19:18
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 07 02:26:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



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Manual Integration Report

Sequence:	VN102325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN088078.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	1,4-Dichlorobenzene	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	1,4-Dioxane	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	2-Butanone	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	2-Hexanone	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	Allyl chloride	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	Ethyl Acetate	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	Ethyl methacrylate	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	Methyl methacrylate	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC001	VN088078.D	trans-1,2-Dichloroethene	JOHN	10/24/2025 8:16:14 AM	MMDadoda	10/27/2025 7:55:28 AM	Peak Integrated by Software
VSTDICC005	VN088079.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:20 AM	MMDadoda	10/27/2025 7:55:32 AM	Peak Integrated by Software
VSTDICC005	VN088079.D	N-amyl acetate	JOHN	10/24/2025 8:16:20 AM	MMDadoda	10/27/2025 7:55:32 AM	Peak Integrated by Software
VSTDICC005	VN088079.D	trans-1,4-Dichloro-2-butene	JOHN	10/24/2025 8:16:20 AM	MMDadoda	10/27/2025 7:55:32 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN102325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VN088080.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:24 AM	MMDadoda	10/27/2025 7:55:36 AM	Peak Integrated by Software
VSTDICC020	VN088080.D	N-amyl acetate	JOHN	10/24/2025 8:16:24 AM	MMDadoda	10/27/2025 7:55:36 AM	Peak Integrated by Software
VSTDICCC050	VN088081.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:29 AM	MMDadoda	10/27/2025 7:55:41 AM	Peak Integrated by Software
VSTDICCC050	VN088081.D	N-amyl acetate	JOHN	10/24/2025 8:16:29 AM	MMDadoda	10/27/2025 7:55:41 AM	Peak Integrated by Software
VSTDICC100	VN088082.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:34 AM	MMDadoda	10/27/2025 7:55:57 AM	Peak Integrated by Software
VSTDICC150	VN088083.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:39 AM	MMDadoda	10/27/2025 7:55:46 AM	Peak Integrated by Software
VSTDICV050	VN088085.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:16:44 AM	MMDadoda	10/27/2025 7:55:49 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN110625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088197.D	1,2,3-Trichloropropane	Amit	11/7/2025 1:33:04 PM	MMDadoda	11/7/2025 1:34:44 PM	Peak Integrated by Software
VSTDCCC050	VN088197.D	N-amyl acetate	Amit	11/7/2025 1:33:04 PM	MMDadoda	11/7/2025 1:34:44 PM	Peak Integrated by Software
VN1106WBS01	VN088201.D	1,2,3-Trichloropropane	Amit	11/7/2025 1:33:12 PM	MMDadoda	11/7/2025 1:34:56 PM	Peak Integrated by Software
VN1106WBS01	VN088201.D	N-amyl acetate	Amit	11/7/2025 1:33:12 PM	MMDadoda	11/7/2025 1:34:56 PM	Peak Integrated by Software
VN1106WBSD01	VN088218.D	1,2,3-Trichloropropane	Amit	11/7/2025 1:33:27 PM	MMDadoda	11/7/2025 1:35:07 PM	Peak Integrated by Software
VN1106WBSD01	VN088218.D	N-amyl acetate	Amit	11/7/2025 1:33:27 PM	MMDadoda	11/7/2025 1:35:07 PM	Peak Integrated by Software
VSTDCCC050	VN088220.D	1,2,3-Trichloropropane	Amit	11/7/2025 1:33:34 PM	MMDadoda	11/7/2025 1:35:11 PM	Peak Integrated by Software
VSTDCCC050	VN088220.D	N-amyl acetate	Amit	11/7/2025 1:33:34 PM	MMDadoda	11/7/2025 1:35:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN110725	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088222.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:23:51 AM	MMDadoda	11/10/2025 1:02:52 PM	Peak Integrated by Software
VSTDCCC050	VN088222.D	N-amyl acetate	JOHN	11/10/2025 8:23:51 AM	MMDadoda	11/10/2025 1:02:52 PM	Peak Integrated by Software
VN1107WBS01	VN088225.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:23:56 AM	MMDadoda	11/10/2025 1:02:55 PM	Peak Integrated by Software
VN1107WBS01	VN088225.D	N-amyl acetate	JOHN	11/10/2025 8:23:56 AM	MMDadoda	11/10/2025 1:02:55 PM	Peak Integrated by Software
Q3560-09	VN088231.D	Acetone	JOHN	11/10/2025 8:24:05 AM	MMDadoda	11/10/2025 1:03:03 PM	Peak Integrated by Software
VSTDCCC050	VN088233.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:24:11 AM	MMDadoda	11/10/2025 1:03:08 PM	Peak Integrated by Software
VSTDCCC050	VN088233.D	N-amyl acetate	JOHN	11/10/2025 8:24:11 AM	MMDadoda	11/10/2025 1:03:08 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN102325

Review By	John Carlone	Review On	10/24/2025 8:16:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:53:14 PM		
SubDirectory	VN102325	HP Acquire Method		HP Processing Method	82N102325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135909
Initial Calibration Stds	VP135921,VP135922,VP135923,VP135924,VP135925,VP135926
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135927
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088077.D	23 Oct 2025 09:09	JC\MD	Ok
2	VSTDICC001	VN088078.D	23 Oct 2025 09:42	JC\MD	Ok,M
3	VSTDICC005	VN088079.D	23 Oct 2025 10:38	JC\MD	Ok,M
4	VSTDICC020	VN088080.D	23 Oct 2025 10:59	JC\MD	Ok,M
5	VSTDICCC050	VN088081.D	23 Oct 2025 11:20	JC\MD	Ok,M
6	VSTDICC100	VN088082.D	23 Oct 2025 11:41	JC\MD	Ok,M
7	VSTDICC150	VN088083.D	23 Oct 2025 12:02	JC\MD	Ok,M
8	IBLK	VN088084.D	23 Oct 2025 12:23	JC\MD	Ok
9	VSTDICV050	VN088085.D	23 Oct 2025 14:54	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110625

Review By	Amit Patel	Review On	11/7/2025 1:33:58 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/7/2025 1:47:08 PM				
SubDirectory	VN110625	HP Acquire Method	MSVOA_N		HP Processing Method	82N102325W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136072
Initial Calibration Stds	
CCC	VP136073,VP136074
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088196.D	06 Nov 2025 09:20	JC\MD	Ok
2	VSTDCCC050	VN088197.D	06 Nov 2025 11:00	JC\MD	Ok,M
3	VN1106MBL01	VN088198.D	06 Nov 2025 11:35	JC\MD	Ok
4	VN1106WBL01	VN088199.D	06 Nov 2025 12:09	JC\MD	Ok
5	VN1106MBS01	VN088200.D	06 Nov 2025 12:32	JC\MD	Ok,M
6	VN1106WBS01	VN088201.D	06 Nov 2025 12:53	JC\MD	Ok,M
7	Q3549-01	VN088202.D	06 Nov 2025 13:48	JC\MD	Ok
8	Q3544-04	VN088203.D	06 Nov 2025 14:08	JC\MD	ReRun
9	Q3537-02	VN088204.D	06 Nov 2025 14:29	JC\MD	ReRun
10	Q3532-08	VN088205.D	06 Nov 2025 14:49	JC\MD	Ok
11	Q3532-04	VN088206.D	06 Nov 2025 15:10	JC\MD	Ok
12	PB170395TB	VN088207.D	06 Nov 2025 15:31	JC\MD	Ok
13	VIBLK	VN088208.D	06 Nov 2025 15:52	JC\MD	Ok
14	Q3561-05	VN088209.D	06 Nov 2025 16:12	JC\MD	Ok,M
15	Q3536-03	VN088210.D	06 Nov 2025 16:33	JC\MD	Ok
16	Q3536-04	VN088211.D	06 Nov 2025 16:54	JC\MD	Ok
17	Q3560-01	VN088212.D	06 Nov 2025 17:14	JC\MD	Ok
18	Q3560-03	VN088213.D	06 Nov 2025 17:35	JC\MD	Ok
19	Q3560-05	VN088214.D	06 Nov 2025 17:56	JC\MD	Ok
20	Q3560-07	VN088215.D	06 Nov 2025 18:16	JC\MD	Ok
21	Q3560-09	VN088216.D	06 Nov 2025 18:37	JC\MD	ReRun

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110625

Review By	Amit Patel	Review On	11/7/2025 1:33:58 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/7/2025 1:47:08 PM				
SubDirectory	VN110625	HP Acquire Method	MSVOA_N		HP Processing Method	82N102325W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136072
Initial Calibration Stds	
CCC	VP136073,VP136074
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VN1106MBSD01	VN088217.D	06 Nov 2025 18:58	JC\MD	Ok,M
23	VN1106WBSD01	VN088218.D	06 Nov 2025 19:18	JC\MD	Ok,M
24	Q3536-01	VN088219.D	06 Nov 2025 19:39	JC\MD	Ok
25	VSTDCCC050	VN088220.D	06 Nov 2025 20:00	JC\MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110725

Review By	John Carlone	Review On	11/10/2025 8:26:16 AM				
Supervise By	Amit Patel	Supervise On	11/10/2025 9:55:09 AM				
SubDirectory	VN110725	HP Acquire Method	MSVOA_N		HP Processing Method	82N102325W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136083
Initial Calibration Stds	
CCC	VP136084,VP136085
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088221.D	07 Nov 2025 09:12	JC\MD	Ok
2	VSTDCCC050	VN088222.D	07 Nov 2025 09:49	JC\MD	Ok,M
3	VN1107MBL01	VN088223.D	07 Nov 2025 10:39	JC\MD	Ok
4	VN1107WBL01	VN088224.D	07 Nov 2025 11:00	JC\MD	Ok
5	VN1107WBS01	VN088225.D	07 Nov 2025 11:47	JC\MD	Ok,M
6	VN1107WBSD01	VN088226.D	07 Nov 2025 12:08	JC\MD	Ok,M
7	Q3537-02	VN088227.D	07 Nov 2025 12:49	JC\MD	Ok
8	Q3544-04	VN088228.D	07 Nov 2025 13:09	JC\MD	Ok
9	VIBLK	VN088229.D	07 Nov 2025 13:30	JC\MD	Ok
10	Q3518-02	VN088230.D	07 Nov 2025 13:51	JC\MD	Not Ok
11	Q3560-09	VN088231.D	07 Nov 2025 14:12	JC\MD	Ok,M
12	VIBLK	VN088232.D	07 Nov 2025 15:15	JC\MD	Ok
13	VSTDCCC050	VN088233.D	07 Nov 2025 15:41	JC\MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN102325

Review By	John Carlone	Review On	10/24/2025 8:16:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:53:14 PM		
SubDirectory	VN102325	HP Acquire Method		HP Processing Method	82N102325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135909
Initial Calibration Stds	VP135921,VP135922,VP135923,VP135924,VP135925,VP135926
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135927
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088077.D	23 Oct 2025 09:09		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN088078.D	23 Oct 2025 09:42	COM.#74 Peak not detected in 1PPB	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN088079.D	23 Oct 2025 10:38		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN088080.D	23 Oct 2025 10:59		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN088081.D	23 Oct 2025 11:20	Method failed for Comp. #74	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN088082.D	23 Oct 2025 11:41		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN088083.D	23 Oct 2025 12:02		JC\MD	Ok,M
8	IBLK	IBLK	VN088084.D	23 Oct 2025 12:23		JC\MD	Ok
9	VSTDICV050	ICVVN102325	VN088085.D	23 Oct 2025 14:54		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110625

Review By	Amit Patel	Review On	11/7/2025 1:33:58 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/7/2025 1:47:08 PM		
SubDirectory	VN110625	HP Acquire Method	MSVOA_N	HP Processing Method	82N102325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136072
Initial Calibration Stds	
CCC	VP136073,VP136074
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088196.D	06 Nov 2025 09:20		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088197.D	06 Nov 2025 11:00	pH#lot#v14222	JC\MD	Ok,M
3	VN1106MBL01	VN1106MBL01	VN088198.D	06 Nov 2025 11:35		JC\MD	Ok
4	VN1106WBL01	VN1106WBL01	VN088199.D	06 Nov 2025 12:09		JC\MD	Ok
5	VN1106MBS01	VN1106MBS01	VN088200.D	06 Nov 2025 12:32		JC\MD	Ok,M
6	VN1106WBS01	VN1106WBS01	VN088201.D	06 Nov 2025 12:53		JC\MD	Ok,M
7	Q3549-01	RT4922	VN088202.D	06 Nov 2025 13:48		JC\MD	Ok
8	Q3544-04	ONYX-1	VN088203.D	06 Nov 2025 14:08	pH#6.0 A,Surrogate fail	JC\MD	ReRun
9	Q3537-02	MW-17-SOIL	VN088204.D	06 Nov 2025 14:29	pH#6.0 A ,Surrogate fail	JC\MD	ReRun
10	Q3532-08	TP-2	VN088205.D	06 Nov 2025 14:49	pH#6.0 A	JC\MD	Ok
11	Q3532-04	TP-1	VN088206.D	06 Nov 2025 15:10	pH#6.0 A	JC\MD	Ok
12	PB170395TB	PB170395TB	VN088207.D	06 Nov 2025 15:31		JC\MD	Ok
13	VIBLK	VIBLK	VN088208.D	06 Nov 2025 15:52		JC\MD	Ok
14	Q3561-05	1027-D	VN088209.D	06 Nov 2025 16:12	pH#6.0 A ,Surrogate fail	JC\MD	Ok,M
15	Q3536-03	2061	VN088210.D	06 Nov 2025 16:33		JC\MD	Ok
16	Q3536-04	2052	VN088211.D	06 Nov 2025 16:54		JC\MD	Ok
17	Q3560-01	SY-10D	VN088212.D	06 Nov 2025 17:14	pH#1.0 A	JC\MD	Ok
18	Q3560-03	SY-10S	VN088213.D	06 Nov 2025 17:35	pH#1.0 A	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110625

Review By	Amit Patel	Review On	11/7/2025 1:33:58 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/7/2025 1:47:08 PM		
SubDirectory	VN110625	HP Acquire Method	MSVOA_N	HP Processing Method	82N102325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136072
Initial Calibration Stds	
CCC	VP136073,VP136074
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3560-05	SY-10I	VN088214.D	06 Nov 2025 17:56	pH#1.0 A	JC\MD	Ok
20	Q3560-07	SY-12I	VN088215.D	06 Nov 2025 18:16	pH#1.0 A	JC\MD	Ok
21	Q3560-09	SY-12D	VN088216.D	06 Nov 2025 18:37	pH#1.0 A ,Surrogate fail	JC\MD	ReRun
22	VN1106MBSD01	VN1106MBSD01	VN088217.D	06 Nov 2025 18:58		JC\MD	Ok,M
23	VN1106WBSD01	VN1106WBSD01	VN088218.D	06 Nov 2025 19:18		JC\MD	Ok,M
24	Q3536-01	FILTER-COMP	VN088219.D	06 Nov 2025 19:39		JC\MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VN088220.D	06 Nov 2025 20:00		JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN110725

Review By	John Carlone	Review On	11/10/2025 8:26:16 AM		
Supervise By	Amit Patel	Supervise On	11/10/2025 9:55:09 AM		
SubDirectory	VN110725	HP Acquire Method	MSVOA_N	HP Processing Method	82N102325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136083
Initial Calibration Stds	
CCC	VP136084,VP136085
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	VN088221.D	07 Nov 2025 09:12		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088222.D	07 Nov 2025 09:49	pH#Lot#V12668	JC\MD	Ok,M
3	VN1107MBL01	VN1107MBL01	VN088223.D	07 Nov 2025 10:39		JC\MD	Ok
4	VN1107WBL01	VN1107WBL01	VN088224.D	07 Nov 2025 11:00		JC\MD	Ok
5	VN1107WBS01	VN1107WBS01	VN088225.D	07 Nov 2025 11:47		JC\MD	Ok,M
6	VN1107WBSD01	VN1107WBSD01	VN088226.D	07 Nov 2025 12:08		JC\MD	Ok,M
7	Q3537-02	MW-17-SOIL	VN088227.D	07 Nov 2025 12:49	vial B pH#5.0	JC\MD	Ok
8	Q3544-04	ONYX-1	VN088228.D	07 Nov 2025 13:09	vial B pH#5.0	JC\MD	Ok
9	VIBLK	VIBLK	VN088229.D	07 Nov 2025 13:30		JC\MD	Ok
10	Q3518-02	50831	VN088230.D	07 Nov 2025 13:51	vial B pH<2	JC\MD	Not Ok
11	Q3560-09	SY-12D	VN088231.D	07 Nov 2025 14:12	vial B pH<2	JC\MD	Ok,M
12	VIBLK	VIBLK	VN088232.D	07 Nov 2025 15:15		JC\MD	Ok
13	VSTDCCC050	VSTDCCC050EC	VN088233.D	07 Nov 2025 15:41		JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3560
COC Number 2045202

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LKB ENGINEERING, PLLC
ADDRESS: 1 AERIAL WAY
CITY SYOSSET STATE: NY ZIP: 11791
ATTENTION: JOHN GERLACH
PHONE: 516-375-1167 FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1 (E)	PRES 2 (E/D)	PRES 3 (E/B)	PRES 4 (E/C)	PRES 5 (E/A)	PRES 6	PRES 7	PRES 8	PRES 9
1. SY-10D	SY-10D	GW		X	11/5/25	9:15	14	5	1	2	4	2				
2. SY-10S	SY-10S					10:00	↓	↓	↓	↓	↓	↓				
3. SY-10I	SY-10I					12:00										
4. SY-12I	SY-12I					2:15										
5. SY-12D	SY-12D					4:00	✓									
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. Cate Blachly	11/5/25	1. 1000 11-6-25
2.		2.
3.	11-6-25 1538	3. 13:28

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

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3560 LOCK01
Client Name : Lockwood, Kessler & Bartl
Client Contact : John Gerlach
Invoice Name : Lockwood, Kessler & Bartl
Invoice Contact : John Gerlach

Order Date : 11/6/2025 10:13:00 AM
Project Name : Syosset Landfill 2025
Receive DateTime : 11/6/2025 1:28:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~NYS ASP B~~ Level 2/
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3560-01	SY-10D	Water	11/05/2025	09:15					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3560-03	SY-10S	Water	11/05/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3560-05	SY-10I	Water	11/05/2025	12:00					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3560-07	SY-12I	Water	11/05/2025	14:15					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3560-09	SY-12D	Water	11/05/2025	16:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 11/6/25 1428

Received By : Sam
Date / Time : 11/06/25 14:28 BJA 4

Storage Area : VOA Refridgerator Room