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:	Q3738	**OrderDate:**	11/26/2025 4:09:00 PM
Client:	G Environmental	**Project:**	ANN
Contact:	Gary Landis	**Location:**	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3738-01	**MW4**	**Water**			**11/26/25**			**11/26/25**
			VOCMS Group1	8260-Low			12/02/25	
Q3738-02	**MW5**	**Water**			**11/26/25**			**11/26/25**
			VOCMS Group1	8260-Low			12/01/25	
Q3738-03	**Field**	**Water**			**11/26/25**			**11/26/25**
			VOCMS Group1	8260-Low			12/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3738

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q3738-01	MW4	Water	Cyclohexane		100		5.80	20.0	ug/L
Q3738-01	MW4	Water	Methylcyclohexane		260		0.64	4.00	ug/L
Q3738-01	MW4	Water	Benzene		5.60		0.60	4.00	ug/L
Q3738-01	MW4	Water	Toluene		1.60	J	0.56	4.00	ug/L
Q3738-01	MW4	Water	Ethyl Benzene		7.10		0.52	4.00	ug/L
Q3738-01	MW4	Water	m/p-Xylenes		2.40	J	0.96	8.00	ug/L
Q3738-01	MW4	Water	Isopropylbenzene		13.3		0.48	4.00	ug/L
			Total Voc :		390				
Q3738-01	MW4	Water	Butane, 2-methyl-	*	57.8	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, 1,2,4,5-tetramethyl-	*	76.3	J	0	0	ug/L
Q3738-01	MW4	Water	Cyclopentane, methyl-	*	120	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, 1,4-diethyl-	*	49.2	J	0	0	ug/L
Q3738-01	MW4	Water	Pentane, 2-methyl-	*	130	J	0	0	ug/L
Q3738-01	MW4	Water	Pentane	*	58.2	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, (1,2-dimethyl-1-prop(	*	53.4	J	0	0	ug/L
Q3738-01	MW4	Water	1H-Indene, 2,3-dihydro-4-meth	*	58.0	J	0	0	ug/L
Q3738-01	MW4	Water	Isopropylcyclobutane	*	61.8	J	0	0	ug/L
Q3738-01	MW4	Water	Cyclopentane, 1,2-dimethyl-, ci	*	52.1	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, 2-ethenyl-1,4-dimeth	*	140	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	130	J	0	0	ug/L
Q3738-01	MW4	Water	Benzene, (2-methyl-1-butenyl)-	*	48.7	J	0	0	ug/L
Q3738-01	MW4	Water	n-propylbenzene	*	45.4	J	0.52	4.00	ug/L
Q3738-01	MW4	Water	tert-Butylbenzene	*	1.70	J	0.56	4.00	ug/L
Q3738-01	MW4	Water	sec-Butylbenzene	*	9.20	J	0.52	4.00	ug/L
Q3738-01	MW4	Water	p-Isopropyltoluene	*	1.60	J	0.52	4.00	ug/L
Q3738-01	MW4	Water	n-Butylbenzene	*	18.2	J	0.60	4.00	ug/L
			Total Tics :		1110				
			Total Concentration:		1500				
Client ID:	**MW5**								
Q3738-02	MW5	Water	Cyclohexane		100		1.50	5.00	ug/L
Q3738-02	MW5	Water	Methylcyclohexane		110		0.16	1.00	ug/L
Q3738-02	MW5	Water	Benzene		37.5		0.15	1.00	ug/L
Q3738-02	MW5	Water	Toluene		4.10		0.14	1.00	ug/L
Q3738-02	MW5	Water	Ethyl Benzene		4.00		0.13	1.00	ug/L
Q3738-02	MW5	Water	m/p-Xylenes		5.60		0.24	2.00	ug/L
Q3738-02	MW5	Water	o-Xylene		1.70		0.12	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3738

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3738-02	MW5	Water	Isopropylbenzene		28.4		0.12	1.00	ug/L
			Total Voc :		291				
Q3738-02	MW5	Water	Pentane, 3-methyl-	*	26.5	J	0	0	ug/L
Q3738-02	MW5	Water	Cyclopentane, methyl-	*	60.7	J	0	0	ug/L
Q3738-02	MW5	Water	Benzene, 1,4-diethyl-	*	27.9	J	0	0	ug/L
Q3738-02	MW5	Water	Pentane, 2-methyl-	*	46.8	J	0	0	ug/L
Q3738-02	MW5	Water	1H-Indene, 2,3-dihydro-5-meth	*	46.1	J	0	0	ug/L
Q3738-02	MW5	Water	Benzene, 2-ethenyl-1,4-dimeth	*	140	J	0	0	ug/L
Q3738-02	MW5	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	25.2	J	0	0	ug/L
Q3738-02	MW5	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	80.3	J	0	0	ug/L
Q3738-02	MW5	Water	Benzene, (1-methyl-1-butenyl)-	*	41.1	J	0	0	ug/L
Q3738-02	MW5	Water	1,3-Cyclopentadiene, 1,2,3,4-te	*	57.3	J	0	0	ug/L
Q3738-02	MW5	Water	Benzene, 1-methyl-4-(1-methyl	*	37.2	J	0	0	ug/L
Q3738-02	MW5	Water	n-propylbenzene	*	55.7	J	0.13	1.00	ug/L
Q3738-02	MW5	Water	tert-Butylbenzene	*	1.10	J	0.14	1.00	ug/L
Q3738-02	MW5	Water	1,2,4-Trimethylbenzene	*	0.60	J	0.14	1.00	ug/L
Q3738-02	MW5	Water	sec-Butylbenzene	*	7.10	J	0.13	1.00	ug/L
Q3738-02	MW5	Water	p-Isopropyltoluene	*	0.77	J	0.13	1.00	ug/L
Q3738-02	MW5	Water	n-Butylbenzene	*	8.40	J	0.15	1.00	ug/L
			Total Tics :		663				
			Total Concentration:		954				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3738

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3738-01	MW4	1,2-Dichloroethane-d4	50	56.4	113		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.3	107		70 (77)	130 (121)
Q3738-02	MW5	1,2-Dichloroethane-d4	50	58.9	118		70 (74)	130 (125)
		Dibromofluoromethane	50	51.6	103		70 (75)	130 (124)
		Toluene-d8	50	51.3	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.6	113		70 (77)	130 (121)
Q3738-03	Field	1,2-Dichloroethane-d4	50	57.8	116		70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.7	103		70 (77)	130 (121)
VN1201WBL01	VN1201WBL01	1,2-Dichloroethane-d4	50	57.8	116		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105		70 (77)	130 (121)
VN1201WBS01	VN1201WBS01	1,2-Dichloroethane-d4	50	56.0	112		70 (74)	130 (125)
		Dibromofluoromethane	50	55.1	110		70 (75)	130 (124)
		Toluene-d8	50	54.9	110		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.3	107		70 (77)	130 (121)
VN1201WBSD0	VN1201WBSD01	1,2-Dichloroethane-d4	50	52.2	104		70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105		70 (75)	130 (124)
		Toluene-d8	50	53.2	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102		70 (77)	130 (121)
VN1202WBL01	VN1202WBL01	1,2-Dichloroethane-d4	50	61.1	122		70 (74)	130 (125)
		Dibromofluoromethane	50	52.4	105		70 (75)	130 (124)
		Toluene-d8	50	50.1	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104		70 (77)	130 (121)
VN1202WBS02	VN1202WBS02	1,2-Dichloroethane-d4	50	52.1	104		70 (74)	130 (125)
		Dibromofluoromethane	50	52.1	104		70 (75)	130 (124)
		Toluene-d8	50	50.5	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.3	99		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088373.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1201WBS01	Dichlorodifluoromethane	20	18.2	ug/L	91			40 (69)	160 (116)	
	Chloromethane	20	19.4	ug/L	97			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	19.7	ug/L	99			40 (58)	160 (125)	
	Chloroethane	20	19.5	ug/L	98			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.6	ug/L	93			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			70 (80)	130 (112)	
	Tert butyl alcohol	100	87.5	ug/L	88			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.0	ug/L	95			70 (74)	130 (110)	
	Acetone	100	87.9	ug/L	88			40 (60)	160 (125)	
	Carbon disulfide	20	19.4	ug/L	97			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			70 (78)	130 (114)	
	Methyl Acetate	20	19.1	ug/L	96			70 (57)	130 (150)	
	Methylene Chloride	20	20.0	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.6	ug/L	98			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.8	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	17.9	ug/L	90			70 (75)	130 (110)	
	2-Butanone	100	96.0	ug/L	96			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.3	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			70 (77)	130 (110)	
	Bromochloromethane	20	19.3	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	20.3	ug/L	102			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	17.1	ug/L	86			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.6	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.8	ug/L	99			70 (83)	130 (111)	
	Bromodichloromethane	20	19.5	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	98.3	ug/L	98			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.2	ug/L	101			70 (83)	130 (112)	
	2-Hexanone	100	93.5	ug/L	94			40 (73)	160 (117)	
	Dibromochloromethane	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.6	ug/L	103			70 (81)	130 (110)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	Ethyl Benzene	20	18.6	ug/L	93			70 (83)	130 (109)	
	m/p-Xylenes	40	37.0	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	18.3	ug/L	92			70 (83)	130 (109)	
	Styrene	20	19.6	ug/L	98			70 (80)	130 (111)	
	Bromoform	20	20.0	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088373.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1201WBS01	1,2-Dichlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	18.2	ug/L	91			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1201WBSD01	Dichlorodifluoromethane	20	18.9	ug/L	95	4		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.4	ug/L	97	0		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.7	ug/L	94	1		70 (65)	130 (117)	20 (19)
	Bromomethane	20	20.2	ug/L	101	2		40 (58)	160 (125)	20 (30)
	Chloroethane	20	19.3	ug/L	97	1		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.7	ug/L	94	1		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	0		70 (80)	130 (112)	20 (20)
	Tert butyl alcohol	100	88.0	ug/L	88	0		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	18.8	ug/L	94	1		70 (74)	130 (110)	20 (20)
	Acetone	100	87.0	ug/L	87	1		40 (60)	160 (125)	20 (27)
	Carbon disulfide	20	18.8	ug/L	94	3		40 (64)	160 (112)	20 (17)
	Methyl tert-butyl Ether	20	19.4	ug/L	97	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.0	ug/L	95	1		70 (57)	130 (150)	20 (20)
	Methylene Chloride	20	20.2	ug/L	101	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.6	ug/L	98	0		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.1	ug/L	96	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.5	ug/L	93	3		70 (75)	130 (110)	20 (20)
	2-Butanone	100	96.2	ug/L	96	0		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.8	ug/L	94	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.5	ug/L	93	4		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.6	ug/L	98	4		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.0	ug/L	95	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.5	ug/L	93	8		70 (72)	130 (115)	20 (20)
	Benzene	20	19.1	ug/L	96	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.4	ug/L	97	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.1	ug/L	96	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.2	ug/L	96	3		70 (83)	130 (111)	20 (21)
	Bromodichloromethane	20	19.3	ug/L	97	1		70 (83)	130 (110)	20 (21)
	4-Methyl-2-Pentanone	100	98.5	ug/L	99	1		40 (74)	160 (118)	20 (25)
	Toluene	20	19.8	ug/L	99	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.1	ug/L	96	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.5	ug/L	98	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.0	ug/L	100	1		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	94.4	ug/L	94	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.3	ug/L	102	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	19.9	ug/L	100	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.0	ug/L	95	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.8	ug/L	99	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.9	ug/L	95	2		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	37.8	ug/L	95	2		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.2	ug/L	96	4		70 (83)	130 (109)	20 (20)
	Styrene	20	19.4	ug/L	97	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	20.1	ug/L	101	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.3	ug/L	97	4		70 (83)	130 (112)	20 (22)
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.5	ug/L	98	3		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.0	ug/L	95	2		70 (82)	130 (107)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1201WBSD01	1,2-Dichlorobenzene	20	19.0	ug/L	95	2		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	2		40 (68)	160 (112)	20 (26)
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90	3		70 (75)	130 (113)	20 (21)
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96	4		70 (76)	130 (114)	20 (22)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088400.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1202WBS02	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.2	ug/L	91			70 (65)	130 (117)	
	Bromomethane	20	19.5	ug/L	98			40 (58)	160 (125)	
	Chloroethane	20	18.7	ug/L	94			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	Tert butyl alcohol	100	78.6	ug/L	79			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.5	ug/L	93			70 (74)	130 (110)	
	Acetone	100	87.8	ug/L	88			40 (60)	160 (125)	
	Carbon disulfide	20	18.6	ug/L	93			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			70 (78)	130 (114)	
	Methyl Acetate	20	19.7	ug/L	99			70 (57)	130 (150)	
	Methylene Chloride	20	19.1	ug/L	96			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.2	ug/L	96			70 (78)	130 (112)	
	Cyclohexane	20	18.9	ug/L	95			70 (75)	130 (110)	
	2-Butanone	100	93.7	ug/L	94			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	20.9	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.7	ug/L	99			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	17.9	ug/L	90			70 (72)	130 (115)	
	Benzene	20	18.7	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.3	ug/L	102			70 (80)	130 (115)	
	Trichloroethene	20	17.9	ug/L	90			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.1	ug/L	96			70 (83)	130 (111)	
	Bromodichloromethane	20	19.8	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.6	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.1	ug/L	101			70 (83)	130 (112)	
	2-Hexanone	100	93.9	ug/L	94			40 (73)	160 (117)	
	Dibromochloromethane	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.5	ug/L	98			70 (81)	130 (110)	
	Tetrachloroethene	20	16.6	ug/L	83			70 (67)	130 (123)	
	Chlorobenzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	Ethyl Benzene	20	18.5	ug/L	93			70 (83)	130 (109)	
	m/p-Xylenes	40	37.6	ug/L	94			70 (82)	130 (110)	
	o-Xylene	20	18.1	ug/L	91			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	19.9	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3738 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN088400.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1202WBS02	1,2-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.5	ug/L	93			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1201WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3738

Lab File ID: VN088372.D | Lab Sample ID: VN1201WBL01

Date Analyzed: 12/01/2025 | Time Analyzed: 10:53

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
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025
Field	Q3738-03	VN088383.D	12/01/2025
MW5	Q3738-02	VN088384.D	12/01/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1202WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3738

Lab File ID: VN088397.D | Lab Sample ID: VN1202WBL01

Date Analyzed: 12/02/2025 | Time Analyzed: 10:20

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
VN1202WBS02	VN1202WBS02	VN088400.D	12/02/2025
MW4	Q3738-01	VN088403.D	12/02/2025

COMMENTS:

Raw Data: **VN088343.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3738

Lab File ID: VN088343.D | BFB Injection Date: 11/24/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:17

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	23.6
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.8
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	68.3 (96.4) 1
177	5.0 - 9.0% of mass 176	4.3 (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
VSTDICC001	VSTDICC001	VN088344.D	11/24/2025	12:38
VSTDICC005	VSTDICC005	VN088345.D	11/24/2025	13:11
VSTDICC020	VSTDICC020	VN088346.D	11/24/2025	13:32
VSTDICCC050	VSTDICCC050	VN088347.D	11/24/2025	13:53
VSTDICC100	VSTDICC100	VN088348.D	11/24/2025	14:14
VSTDICC150	VSTDICC150	VN088349.D	11/24/2025	14:35

Raw Data: **VN088369.D**

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3738
Lab File ID: VN088369.D
BFB Injection Date: 12/01/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:49
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	22.9
75	30.0 - 60.0% of mass 95	59.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.7 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (97.1) 1
177	5.0 - 9.0% of mass 176	5.2 (7.5) 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	VN088370.D	12/01/2025	09:58
VN1201WBL01	VN1201WBL01	VN088372.D	12/01/2025	10:53
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025	11:27
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025	12:10
Field	Q3738-03	VN088383.D	12/01/2025	15:15
MW5	Q3738-02	VN088384.D	12/01/2025	15:35

Raw Data: **VN088395.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: GENV01
Lab Code: ACE
SDG NO.: Q3738
Lab File ID: VN088395.D
BFB Injection Date: 12/02/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:19
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	58.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	1.3 (1.8) 1
174	50.0 - 100.0% of mass 95	71.5
175	5.0 - 9.0% of mass 174	5.2 (7.3) 1
176	95.0 - 101.0% of mass 174	68.1 (95.3) 1
177	5.0 - 9.0% of mass 176	4.4 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088396.D	12/02/2025	10:00
VN1202WBL01	VN1202WBL01	VN088397.D	12/02/2025	10:20
VN1202WBS02	VN1202WBS02	VN088400.D	12/02/2025	11:34
MW4	Q3738-01	VN088403.D	12/02/2025	12:35

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3738

Lab File ID: VN088370.D Date Analyzed: 12/01/2025

Instrument ID: MSVOA_N Time Analyzed: 09:58

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	262500	8.20	457607	9.08	408098	11.84
UPPER LIMIT	525000	8.7	915214	9.582	816196	12.341
LOWER LIMIT	131250	7.7	228804	8.582	204049	11.341
EPA SAMPLE NO.						
MW5	217967	8.21	497394	9.08	489259	11.84
Field	180723	8.21	412398	9.08	400480	11.84
VN1201WBL01	188076	8.20	435319	9.08	418422	11.84
VN1201WBS01	256678	8.21	487472	9.08	435019	11.84
VN1201WBSD01	257123	8.21	472668	9.08	413438	11.84

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3738

Lab File ID: VN088370.D Date Analyzed: 12/01/2025

Instrument ID: MSVOA_N Time Analyzed: 09:58

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

	IS4 AREA #	RT #				
12 HOUR STD	197460	13.765				
UPPER LIMIT	394920	14.265				
LOWER LIMIT	98730	13.265				
EPA SAMPLE NO.						
MW5	246573	13.77				
Field	185899	13.77				
VN1201WBL01	198799	13.77				
VN1201WBS01	207303	13.77				
VN1201WBSD01	196888	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3738

Lab File ID: VN088396.D Date Analyzed: 12/02/2025

Instrument ID: MSVOA_N Time Analyzed: 10:00

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	256486	8.20	469714	9.08	423596	11.84
UPPER LIMIT	512972	8.7	939428	9.582	847192	12.341
LOWER LIMIT	128243	7.7	234857	8.582	211798	11.341
EPA SAMPLE NO.						
MW4	183621	8.21	418628	9.08	407692	11.84
VN1202WBL01	181798	8.21	415636	9.08	401801	11.84
VN1202WBS02	245156	8.21	446464	9.08	396309	11.84

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3738

Lab File ID: VN088396.D Date Analyzed: 12/02/2025

Instrument ID: MSVOA_N Time Analyzed: 10:00

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

	IS4 AREA #	RT #				
12 HOUR STD	206439	13.764				
UPPER LIMIT	412878	14.264				
LOWER LIMIT	103220	13.264				
EPA SAMPLE NO.						
MW4	190700	13.77				
VN1202WBL01	185686	13.77				
VN1202WBS02	188408	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VN088403.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	MW4			SDG No.:	Q3738
Lab Sample ID:	Q3738-01			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									
75-71-8	Dichlorodifluoromethane	0.88	U	4	0.88	4.00	ug/L	12/02/25 12:35	VN120225
74-87-3	Chloromethane	1.30	U	4	1.30	4.00	ug/L	12/02/25 12:35	VN120225
75-01-4	Vinyl Chloride	1.00	U	4	1.00	4.00	ug/L	12/02/25 12:35	VN120225
74-83-9	Bromomethane	5.80	U	4	5.80	20.0	ug/L	12/02/25 12:35	VN120225
75-00-3	Chloroethane	1.90	U	4	1.90	4.00	ug/L	12/02/25 12:35	VN120225
75-69-4	Trichlorofluoromethane	1.30	U	4	1.30	4.00	ug/L	12/02/25 12:35	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	4	1.00	4.00	ug/L	12/02/25 12:35	VN120225
75-65-0	Tert butyl alcohol	22.0	U	4	22.0	100	ug/L	12/02/25 12:35	VN120225
75-35-4	1,1-Dichloroethene	0.92	U	4	0.92	4.00	ug/L	12/02/25 12:35	VN120225
67-64-1	Acetone	6.00	U	4	6.00	20.0	ug/L	12/02/25 12:35	VN120225
75-15-0	Carbon Disulfide	0.84	U	4	0.84	4.00	ug/L	12/02/25 12:35	VN120225
1634-04-4	Methyl tert-butyl Ether	0.64	U	4	0.64	4.00	ug/L	12/02/25 12:35	VN120225
79-20-9	Methyl Acetate	1.10	U	4	1.10	4.00	ug/L	12/02/25 12:35	VN120225
75-09-2	Methylene Chloride	1.10	U	4	1.10	4.00	ug/L	12/02/25 12:35	VN120225
156-60-5	trans-1,2-Dichloroethene	0.92	U	4	0.92	4.00	ug/L	12/02/25 12:35	VN120225
75-34-3	1,1-Dichloroethane	0.92	U	4	0.92	4.00	ug/L	12/02/25 12:35	VN120225
110-82-7	Cyclohexane	100		4	5.80	20.0	ug/L	12/02/25 12:35	VN120225
78-93-3	2-Butanone	3.90	U	4	3.90	20.0	ug/L	12/02/25 12:35	VN120225
56-23-5	Carbon Tetrachloride	1.00	U	4	1.00	4.00	ug/L	12/02/25 12:35	VN120225
156-59-2	cis-1,2-Dichloroethene	0.76	U	4	0.76	4.00	ug/L	12/02/25 12:35	VN120225
74-97-5	Bromochloromethane	0.88	U	4	0.88	4.00	ug/L	12/02/25 12:35	VN120225
67-66-3	Chloroform	1.00	U	4	1.00	4.00	ug/L	12/02/25 12:35	VN120225
71-55-6	1,1,1-Trichloroethane	0.80	U	4	0.80	4.00	ug/L	12/02/25 12:35	VN120225
108-87-2	Methylcyclohexane	260		4	0.64	4.00	ug/L	12/02/25 12:35	VN120225
71-43-2	Benzene	5.60		4	0.60	4.00	ug/L	12/02/25 12:35	VN120225
107-06-2	1,2-Dichloroethane	0.88	U	4	0.88	4.00	ug/L	12/02/25 12:35	VN120225
79-01-6	Trichloroethene	0.37	U	4	0.37	4.00	ug/L	12/02/25 12:35	VN120225
78-87-5	1,2-Dichloropropane	0.80	U	4	0.80	4.00	ug/L	12/02/25 12:35	VN120225
75-27-4	Bromodichloromethane	0.88	U	4	0.88	4.00	ug/L	12/02/25 12:35	VN120225
108-10-1	4-Methyl-2-Pentanone	2.70	U	4	2.70	20.0	ug/L	12/02/25 12:35	VN120225
108-88-3	Toluene	1.60	J	4	0.56	4.00	ug/L	12/02/25 12:35	VN120225
10061-02-6	t-1,3-Dichloropropene	0.68	U	4	0.68	4.00	ug/L	12/02/25 12:35	VN120225
10061-01-5	cis-1,3-Dichloropropene	0.64	U	4	0.64	4.00	ug/L	12/02/25 12:35	VN120225
79-00-5	1,1,2-Trichloroethane	0.84	U	4	0.84	4.00	ug/L	12/02/25 12:35	VN120225
591-78-6	2-Hexanone	3.60	U	4	3.60	20.0	ug/L	12/02/25 12:35	VN120225
124-48-1	Dibromochloromethane	0.72	U	4	0.72	4.00	ug/L	12/02/25 12:35	VN120225
106-93-4	1,2-Dibromoethane	0.60	U	4	0.60	4.00	ug/L	12/02/25 12:35	VN120225
127-18-4	Tetrachloroethene	0.92	U	4	0.92	4.00	ug/L	12/02/25 12:35	VN120225
108-90-7	Chlorobenzene	0.48	U	4	0.48	4.00	ug/L	12/02/25 12:35	VN120225
100-41-4	Ethyl Benzene	7.10		4	0.52	4.00	ug/L	12/02/25 12:35	VN120225
179601-23-1	m/p-Xylenes	2.40	J	4	0.96	8.00	ug/L	12/02/25 12:35	VN120225
95-47-6	o-Xylene	0.48	U	4	0.48	4.00	ug/L	12/02/25 12:35	VN120225
100-42-5	Styrene	0.60	U	4	0.60	4.00	ug/L	12/02/25 12:35	VN120225

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

Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	MW4			SDG No.:	Q3738
Lab Sample ID:	Q3738-01			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
75-25-2	Bromoform	0.76	U	4	0.76	4.00	ug/L	12/02/25 12:35	VN120225
98-82-8	Isopropylbenzene	13.3		4	0.48	4.00	ug/L	12/02/25 12:35	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	4	1.00	4.00	ug/L	12/02/25 12:35	VN120225
541-73-1	1,3-Dichlorobenzene	0.64	U	4	0.64	4.00	ug/L	12/02/25 12:35	VN120225
106-46-7	1,4-Dichlorobenzene	0.76	U	4	0.76	4.00	ug/L	12/02/25 12:35	VN120225
95-50-1	1,2-Dichlorobenzene	0.64	U	4	0.64	4.00	ug/L	12/02/25 12:35	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	4	2.10	4.00	ug/L	12/02/25 12:35	VN120225
120-82-1	1,2,4-Trichlorobenzene	0.80	U	4	0.80	4.00	ug/L	12/02/25 12:35	VN120225
87-61-6	1,2,3-Trichlorobenzene	0.80	U	4	0.80	4.00	ug/L	12/02/25 12:35	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.4			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.3			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	184000							
540-36-3	1,4-Difluorobenzene	419000							
3114-55-4	Chlorobenzene-d5	408000							
3855-82-1	1,4-Dichlorobenzene-d4	191000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-78-4	Butane, 2-methyl-	57.8	J			3.27	ug/L		
000109-66-0	Pentane	58.2	J			3.66	ug/L		
000107-83-5	Pentane, 2-methyl-	130	J			5.33	ug/L		
000096-37-7	Cyclopentane, methyl-	120	J			7.31	ug/L		
001192-18-3	Cyclopentane, 1,2-dimethyl-, cis-	52.1	J			8.70	ug/L		
000872-56-0	Isopropylcyclobutane	61.8	J			8.84	ug/L		
103-65-1	n-propylbenzene	45.4	J			13.0	ug/L		
98-06-6	tert-Butylbenzene	1.70	J			13.4	ug/L		
135-98-8	sec-Butylbenzene	9.20	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	1.60	J			13.7	ug/L		
000105-05-5	Benzene, 1,4-diethyl-	49.2	J			13.9	ug/L		
104-51-8	n-Butylbenzene	18.2	J			14.0	ug/L		
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	130	J			14.3	ug/L		
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	76.3	J			14.6	ug/L		
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	58.0	J			14.9	ug/L		
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	140	J			15.0	ug/L		
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	53.4	J			15.3	ug/L		
056253-64-6	Benzene, (2-methyl-1-butenyl)-	48.7	J			15.4	ug/L		

Raw Data: **VN088403.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	MW4			SDG No.:	Q3738
Lab Sample ID:	Q3738-01			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

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: **VN088403.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Dec 03 01:27:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

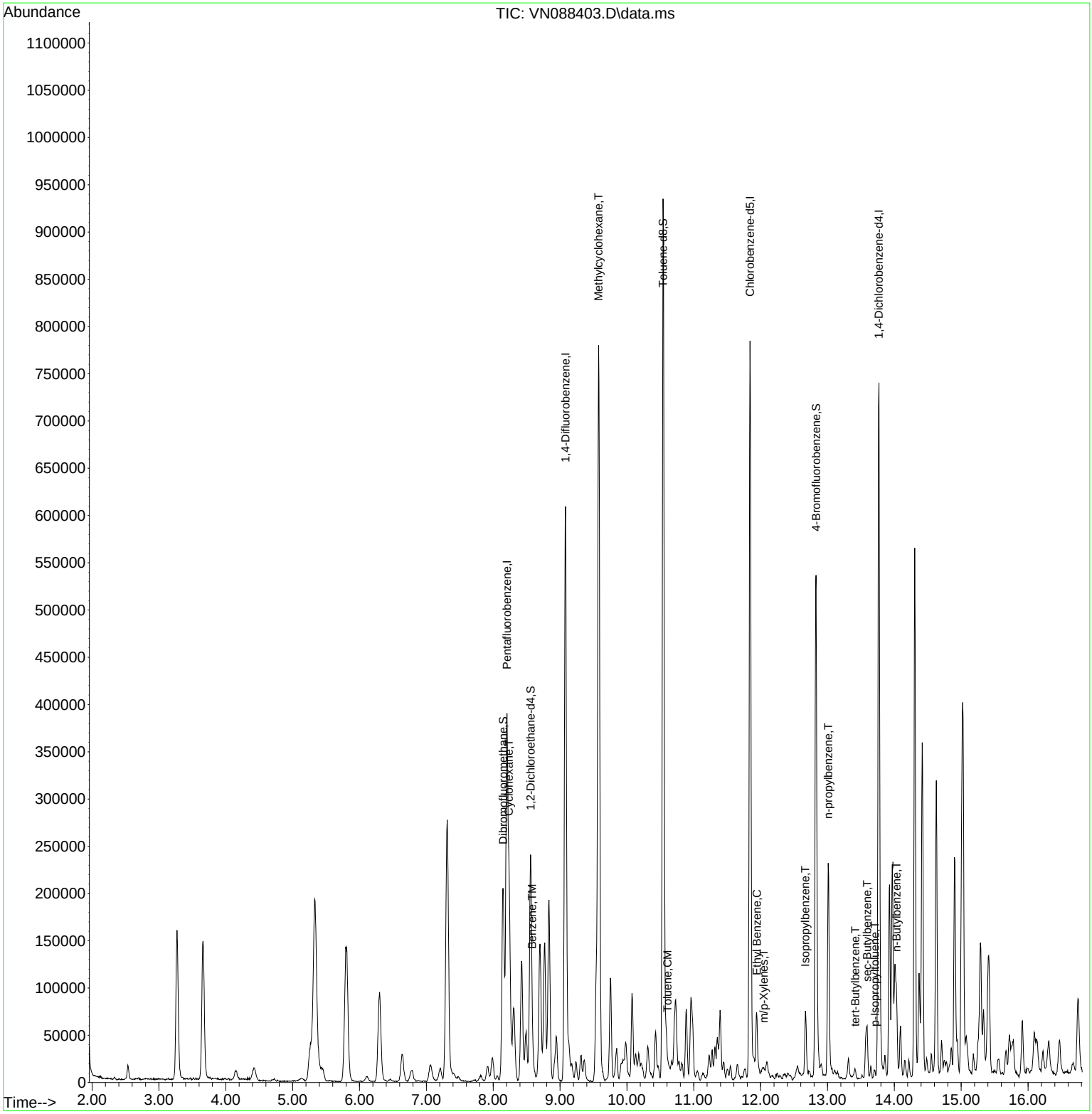
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	183621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	418628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	407692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	195104	56.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.800%			
35) Dibromofluoromethane	8.147	113	147599	50.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.541	98	546500	50.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.829	95	197439	53.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	116837	25.683	ug/l #	93
39) Methylcyclohexane	9.577	83	305623	63.817	ug/l	95
40) Benzene	8.583	78	18238	1.388	ug/l	93
52) Toluene	10.606	92	3039	0.401	ug/l	98
67) Ethyl Benzene	11.947	91	28233	1.764	ug/l #	89
68) m/p-Xylenes	12.047	106	3559	0.600	ug/l	74
73) Isopropylbenzene	12.671	105	46759	3.316	ug/l	99
78) n-propylbenzene	13.012	91	195714	11.346	ug/l	98
83) tert-Butylbenzene	13.418	119	4118	0.415	ug/l	75
85) sec-Butylbenzene	13.594	105	32868	2.304	ug/l #	73
86) p-Isopropyltoluene	13.712	119	4768	0.408	ug/l	98
89) n-Butylbenzene	14.035	91	51730	4.554	ug/l #	81

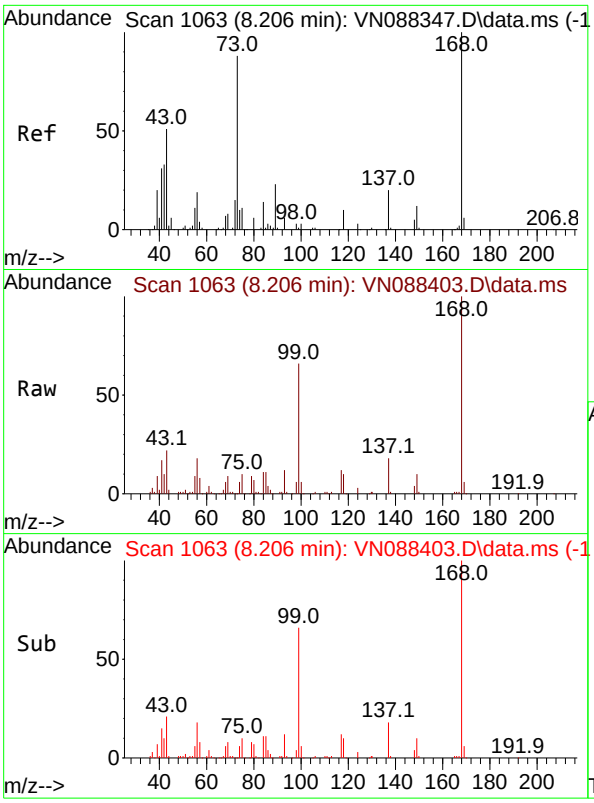
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Dec 03 01:27:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



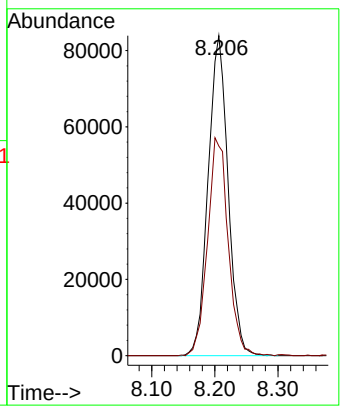


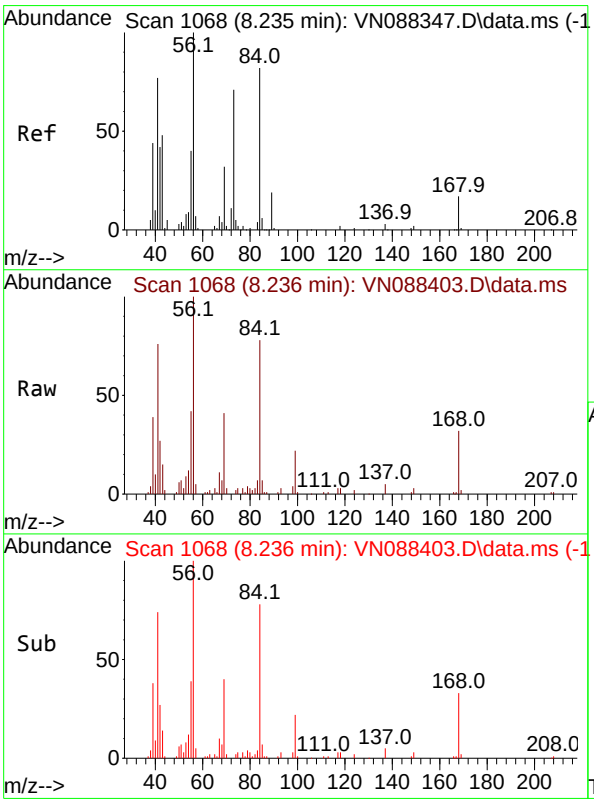
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:168 Resp: 183621

Ion	Ratio	Lower	Upper
168	100		
99	65.5	57.1	85.7

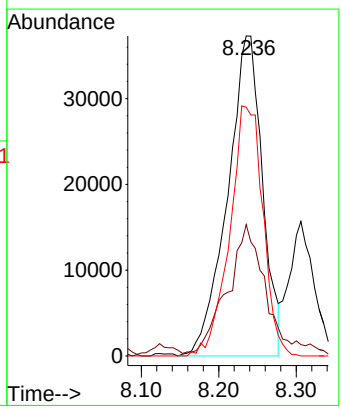


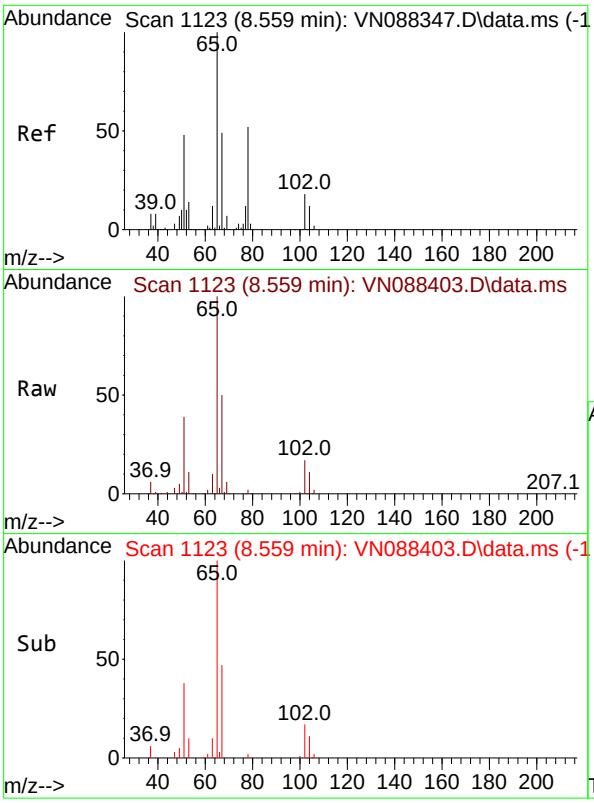


#31
Cyclohexane
Concen: 25.683 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 56 Resp: 116837

Ion	Ratio	Lower	Upper
56	100		
69	39.3	25.3	37.9#
84	77.7	65.4	98.2



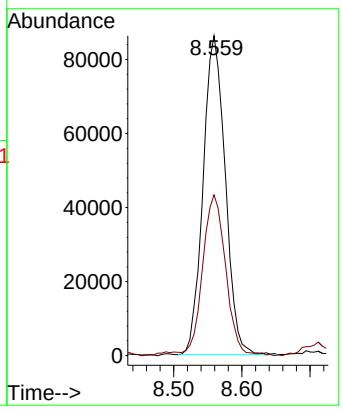


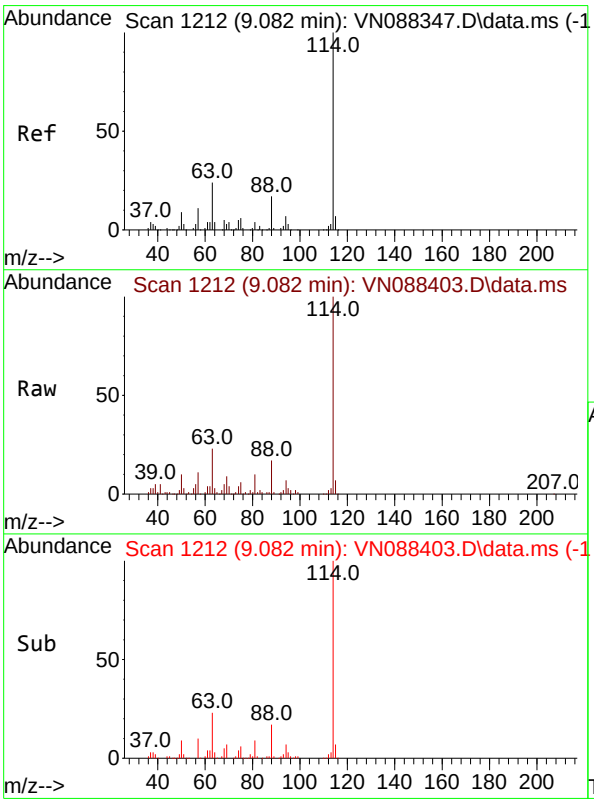
#33
1,2-Dichloroethane-d4
Concen: 56.404 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 65 Resp: 195104

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	100.8

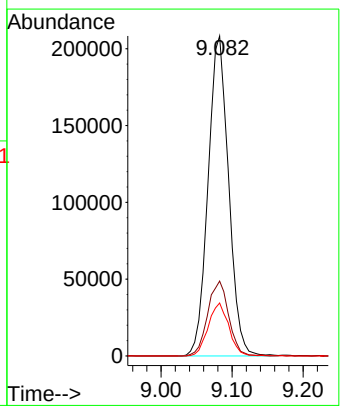


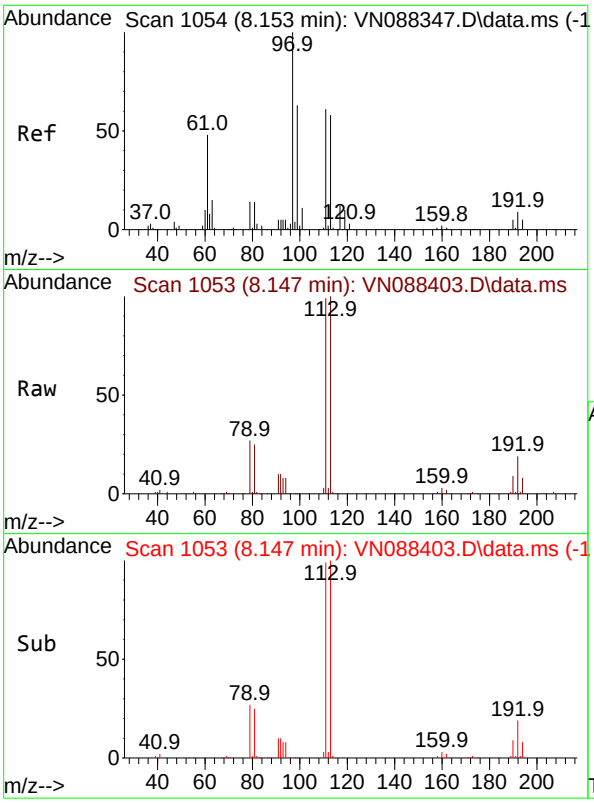


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion:114 Resp: 418628

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	49.0
88	16.6	0.0	34.0



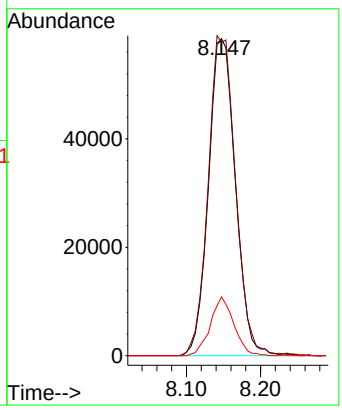


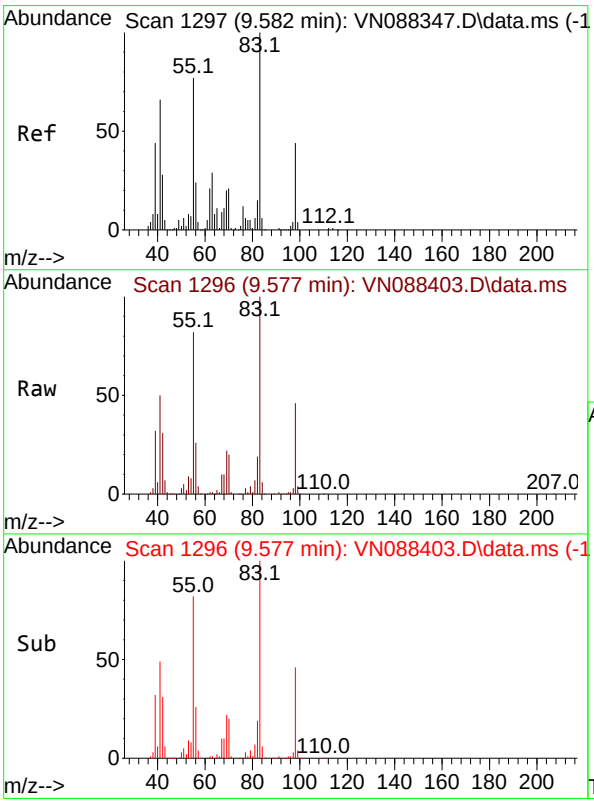
#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:113 Resp: 147599

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	16.2	12.8	19.2

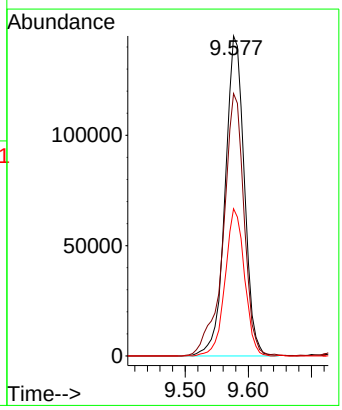


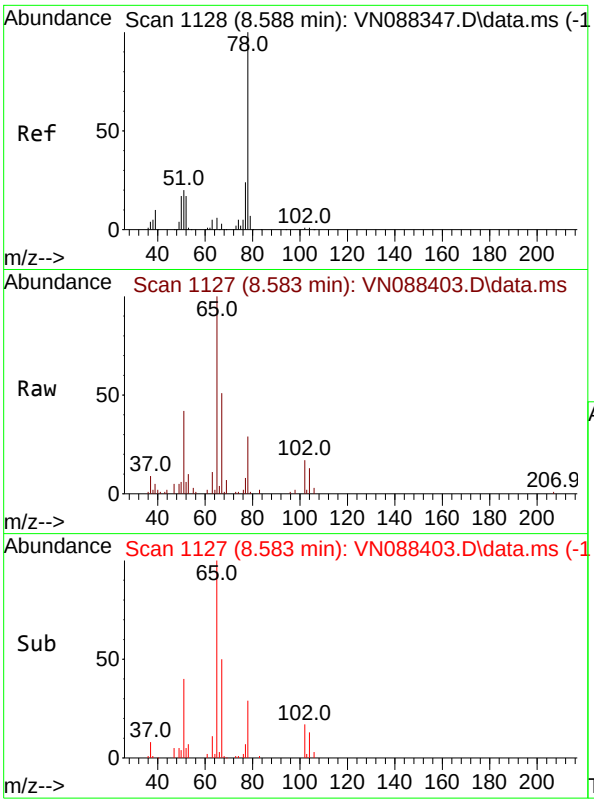


#39
Methylcyclohexane
Concen: 63.817 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 83 Resp: 305623

Ion	Ratio	Lower	Upper
83	100		
55	82.0	61.6	92.4
98	46.0	35.3	52.9



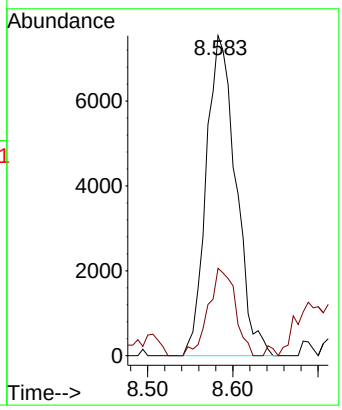


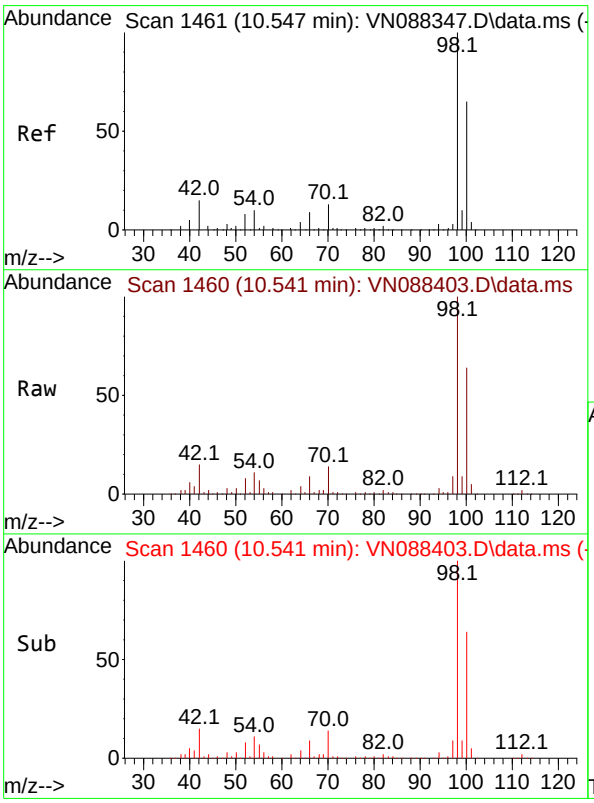
#40
Benzene
Concen: 1.388 ug/l
RT: 8.583 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 78 Resp: 18238

Ion	Ratio	Lower	Upper
78	100		
77	27.3	19.0	28.4

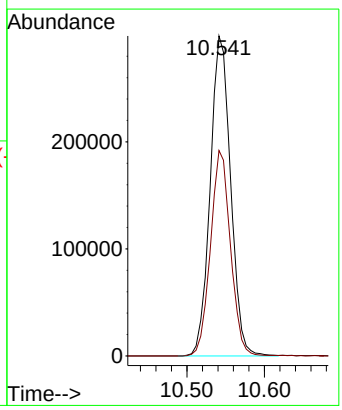


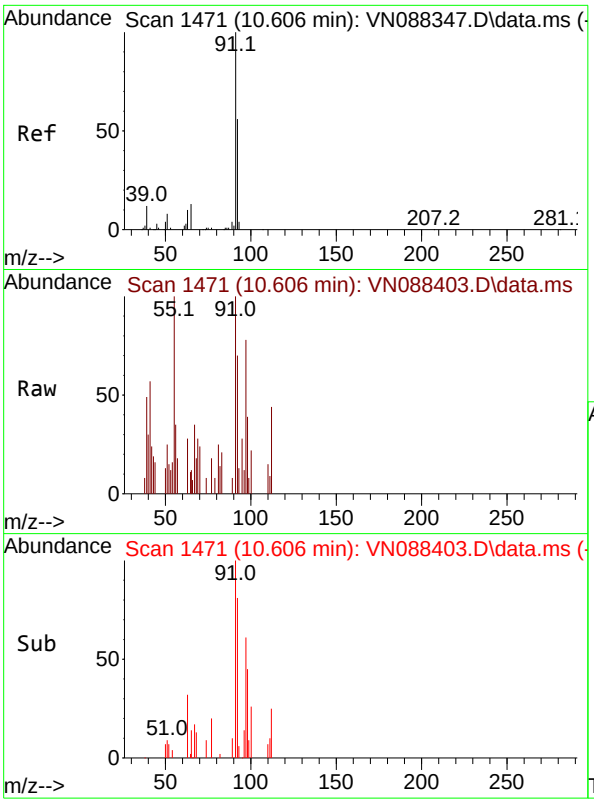


#50
Toluene-d8
Concen: 50.629 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 98 Resp: 546500

Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.2	78.2



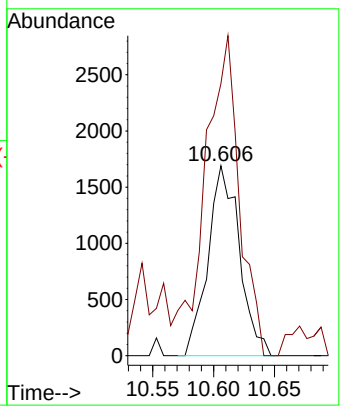


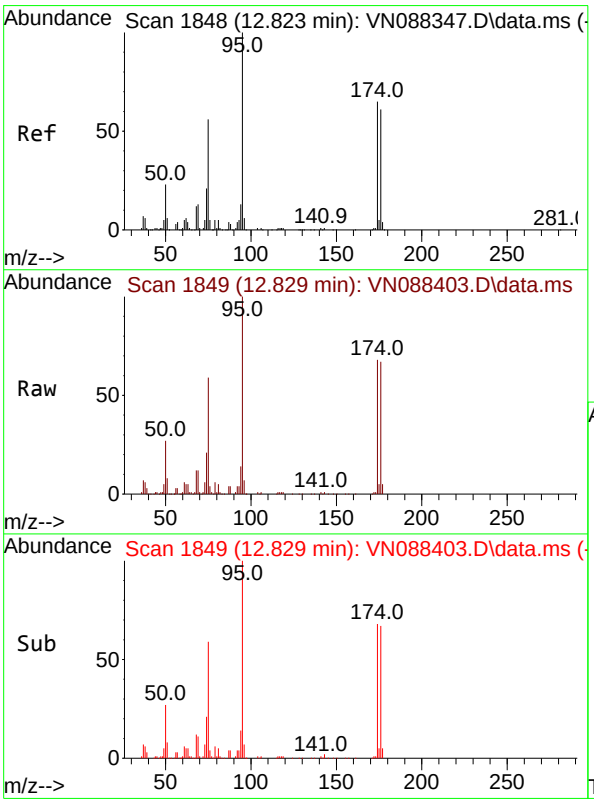
#52
Toluene
Concen: 0.401 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 92 Resp: 3039

Ion	Ratio	Lower	Upper
92	100		
91	178.6	140.2	210.2

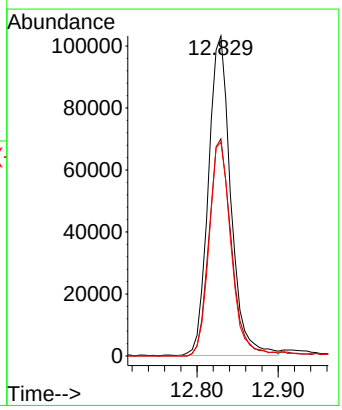


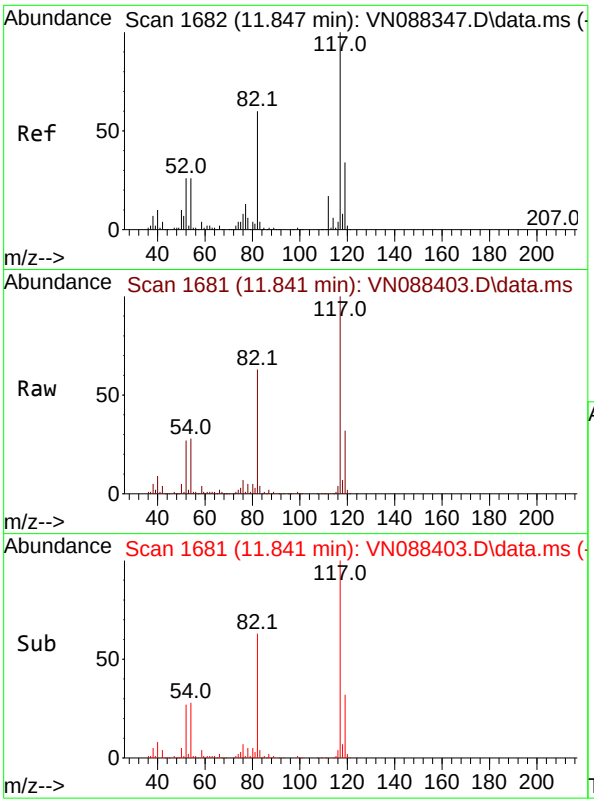


#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 95 Resp: 197439

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	139.0
176	65.9	0.0	132.4



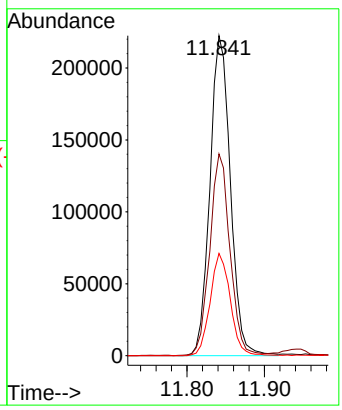


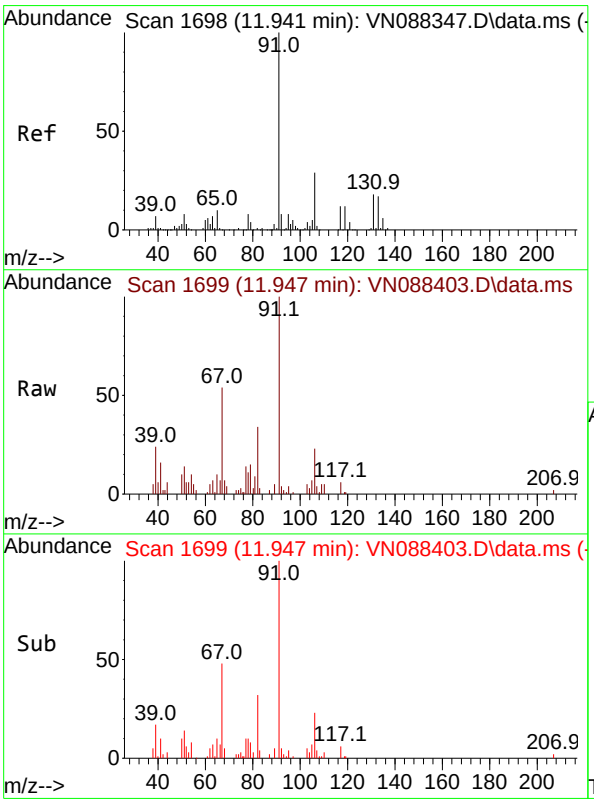
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:117 Resp: 407692

Ion	Ratio	Lower	Upper
117	100		
82	63.0	47.8	71.8
119	32.0	26.9	40.3

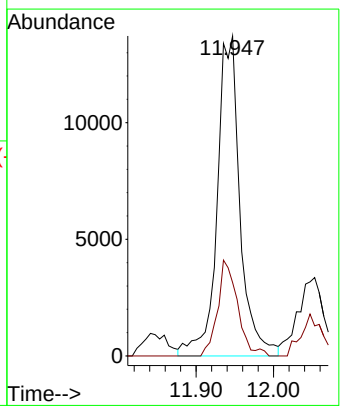


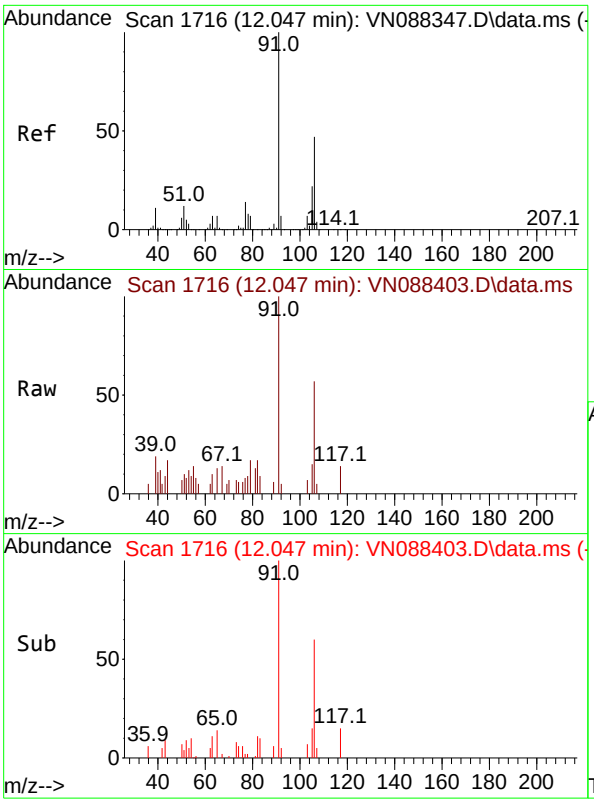


#67
Ethyl Benzene
Concen: 1.764 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 91 Resp: 28233

Ion	Ratio	Lower	Upper
91	100		
106	23.4	23.6	35.4#



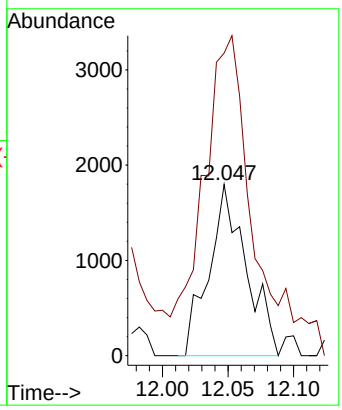


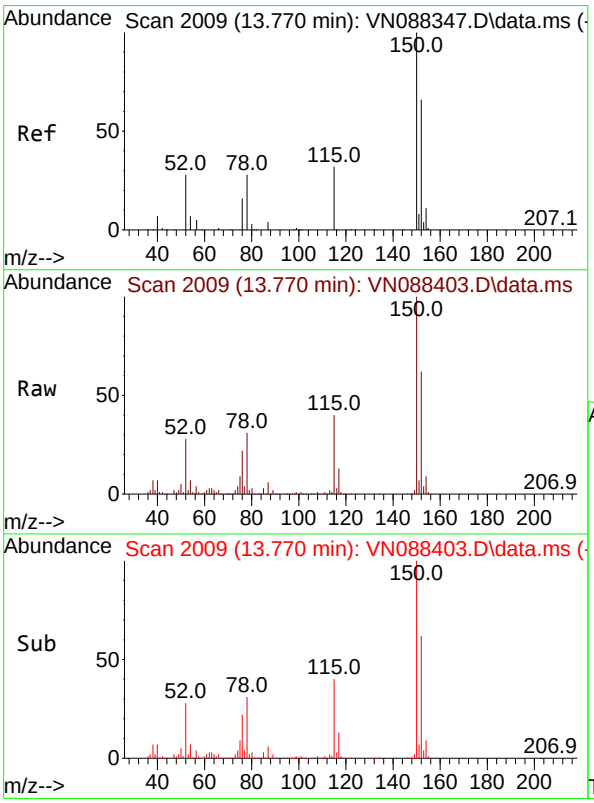
#68
m/p-Xylenes
Concen: 0.600 ug/l
RT: 12.047 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:106 Resp: 3559

Ion	Ratio	Lower	Upper
106	100		
91	250.6	167.8	251.6

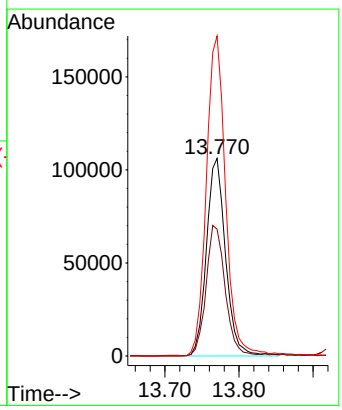


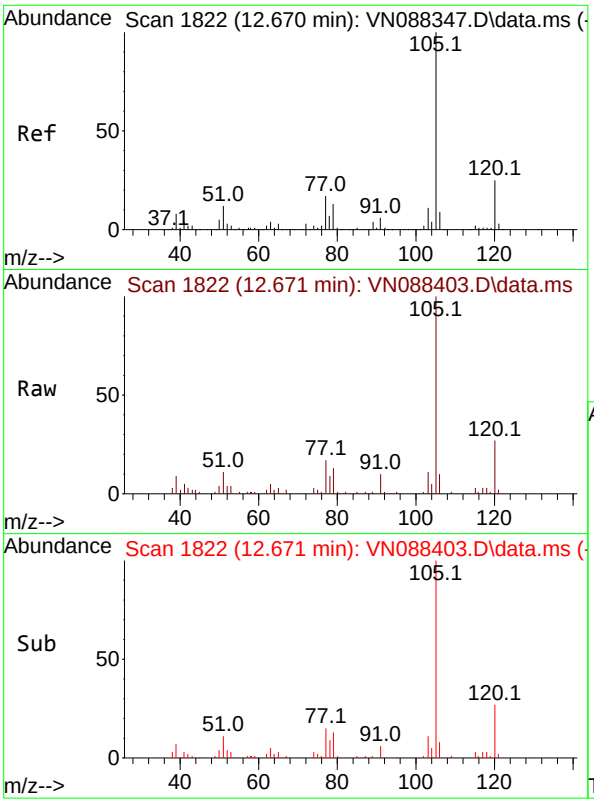


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion:152 Resp: 190700

Ion	Ratio	Lower	Upper
152	100		
115	65.3	33.0	98.9
150	163.7	0.0	349.0



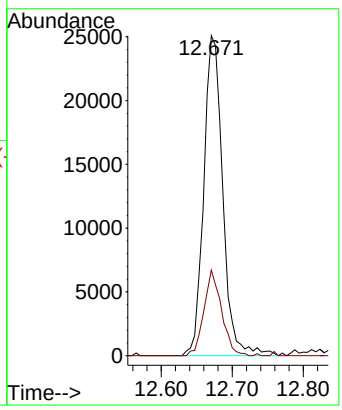


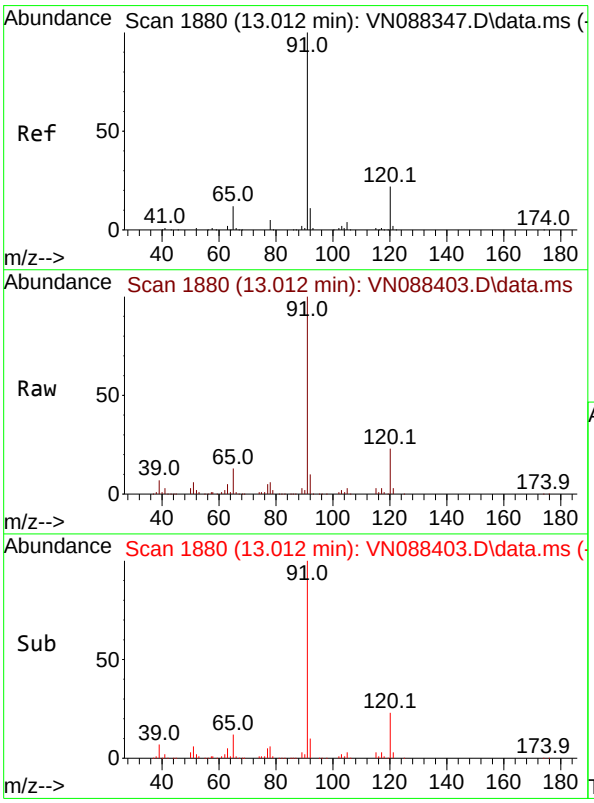
#73
Isopropylbenzene
Concen: 3.316 ug/l
RT: 12.671 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:105 Resp: 46759

Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.8	38.3

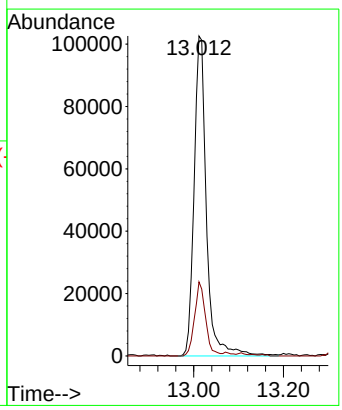


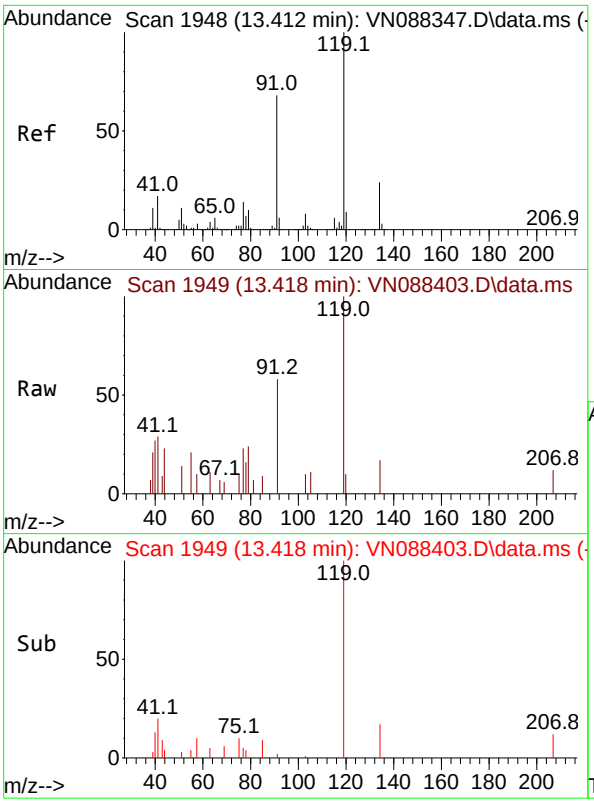


#78
n-propylbenzene
Concen: 11.346 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 91 Resp: 195714

Ion	Ratio	Lower	Upper
91	100		
120	20.5	10.9	32.6



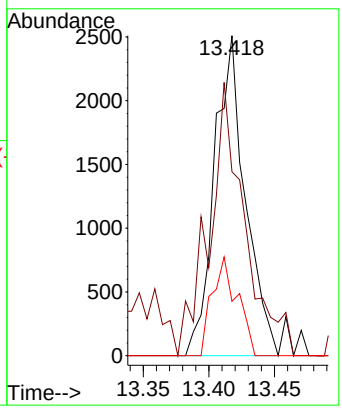


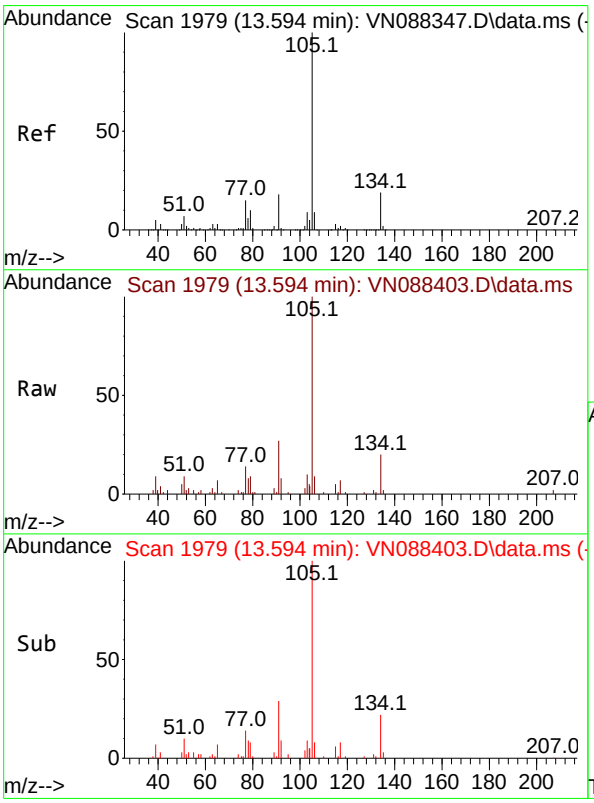
#83
tert-Butylbenzene
Concen: 0.415 ug/l
RT: 13.418 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:119 Resp: 4118

Ion	Ratio	Lower	Upper
119	100		
91	98.0	35.1	105.3
134	25.1	12.8	38.4

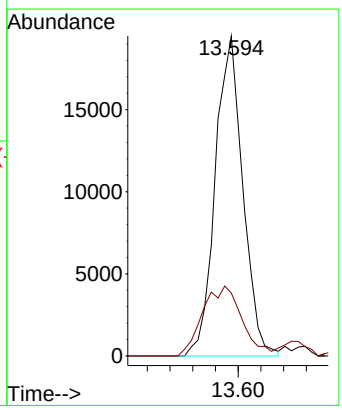


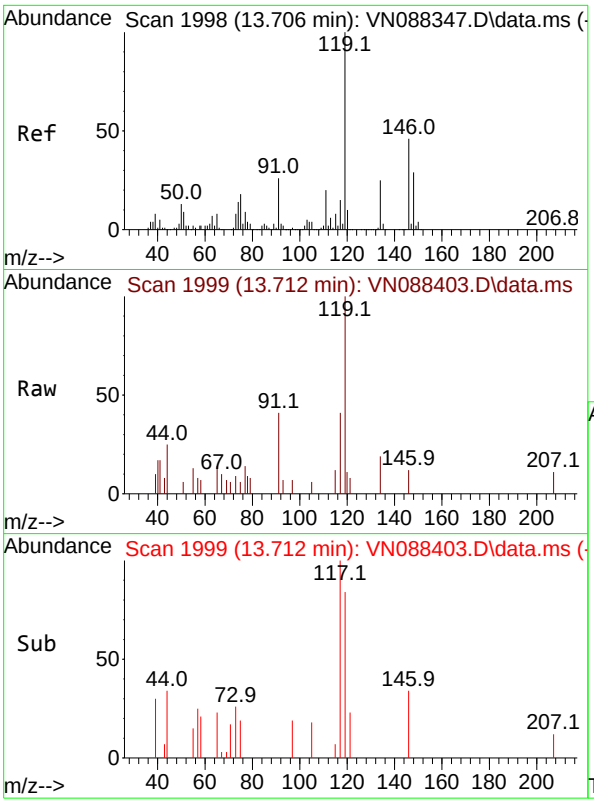


#85
sec-Butylbenzene
Concen: 2.304 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion:105 Resp: 32868

Ion	Ratio	Lower	Upper
105	100		
134	31.1	9.5	28.5#



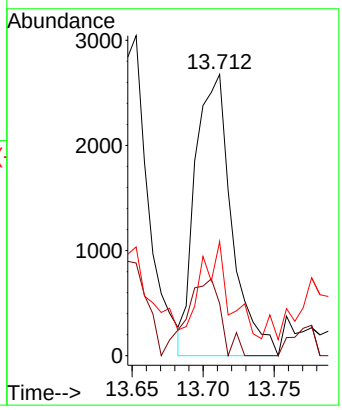


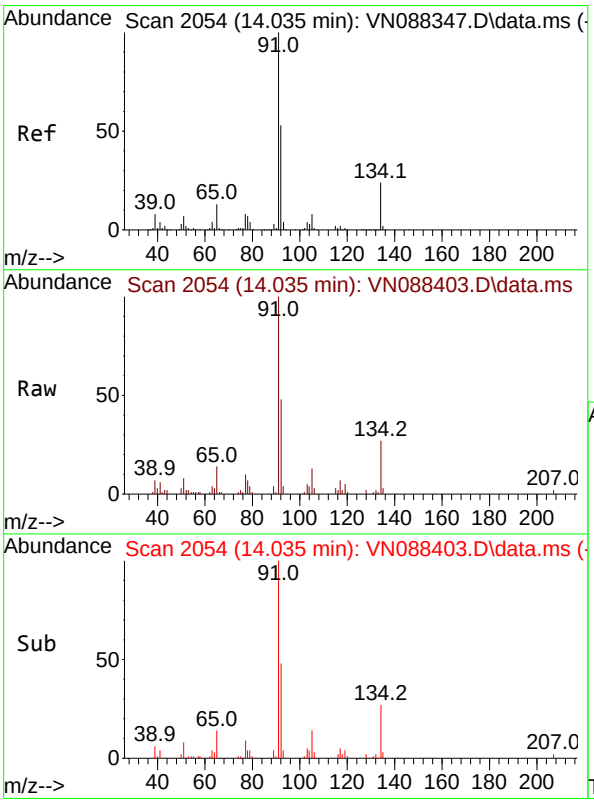
#86
p-Isopropyltoluene
Concen: 0.408 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:119 Resp: 4768

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.2	36.6
91	26.3	13.0	39.0

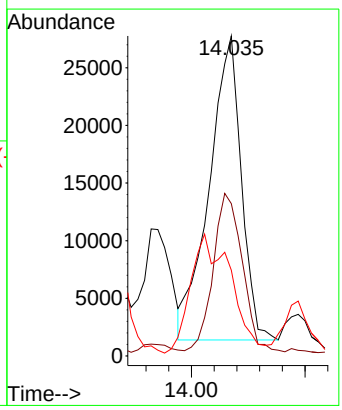




#89
n-Butylbenzene
Concen: 4.554 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088403.D
Acq: 02 Dec 2025 12:35

Tgt Ion: 91 Resp: 51730

Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.1	78.3
134	0.0	11.7	35.1#



Sample Results: **VN088403.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	94	99	104	rVB2	14115	22289	1.21%	0.085%
2	3.271	214	224	236	rBV	157676	385085	20.83%	1.470%
3	3.659	279	290	302	rBV2	146147	388064	20.99%	1.482%
4	4.424	409	420	432	rVB5	13564	51530	2.79%	0.197%
5	5.330	550	574	589	rBV	192777	868031	46.95%	3.314%
6	5.794	640	653	654	rBV	142750	258579	13.99%	0.987%
7	6.300	727	739	752	rBV3	94607	297189	16.07%	1.135%
8	6.636	788	796	808	rVB3	28331	83588	4.52%	0.319%
9	6.789	810	822	831	rBV7	11762	40723	2.20%	0.155%
10	7.065	858	869	879	rBV7	17588	61252	3.31%	0.234%
11	7.212	882	894	900	rBV3	13455	38993	2.11%	0.149%
12	7.312	900	911	925	rBV2	273925	801021	43.33%	3.059%
13	7.812	985	996	1004	rBV5	6924	20047	1.08%	0.077%
14	7.912	1004	1013	1019	rBV5	15286	39764	2.15%	0.152%
15	7.988	1020	1026	1034	rVB3	22906	56561	3.06%	0.216%
16	8.147	1043	1053	1057	rBV	202852	495043	26.78%	1.890%
17	8.206	1057	1063	1076	rVV2	388049	1332794	72.09%	5.089%
18	8.306	1076	1080	1090	rVB3	76659	188618	10.20%	0.720%
19	8.424	1090	1100	1107	rBV3	126485	305401	16.52%	1.166%
20	8.494	1107	1112	1116	rVV4	51623	116011	6.28%	0.443%
21	8.559	1116	1123	1136	rVV2	238593	597890	32.34%	2.283%
22	8.700	1138	1147	1153	rVV5	144358	366040	19.80%	1.398%
23	8.771	1153	1159	1164	rVV2	145476	337161	18.24%	1.287%
24	8.835	1164	1170	1179	rVV	190953	433962	23.47%	1.657%
25	8.941	1179	1188	1197	rVB5	46596	120299	6.51%	0.459%
26	9.082	1202	1212	1226	rBV	608324	1405100	76.00%	5.365%
27	9.177	1226	1228	1234	rVV4	17831	28714	1.55%	0.110%
28	9.235	1234	1238	1245	rVV3	19651	37166	2.01%	0.142%
29	9.318	1245	1252	1256	rVV3	26468	58330	3.16%	0.223%
30	9.365	1256	1260	1269	rVB5	21579	44203	2.39%	0.169%
31	9.577	1281	1296	1312	rBV	778994	1848772	100.00%	7.059%
32	9.753	1312	1326	1334	rBV2	109005	227670	12.31%	0.869%
33	9.847	1334	1342	1348	rVB2	32243	65793	3.56%	0.251%
34	9.912	1348	1353	1355	rBV5	16222	26854	1.45%	0.103%
35	9.982	1361	1365	1375	rVB7	36058	77838	4.21%	0.297%
36	10.077	1375	1381	1387	rBV2	87910	169203	9.15%	0.646%

Sample Results: **VN088403.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

37	10.130	1387	1390	1394	rVV4	22993	42687	2.31%	0.163%
38	10.177	1394	1398	1402	rVV6	23121	45304	2.45%	0.173%
39	10.212	1402	1404	1413	rVB8	15899	34961	1.89%	0.133%
40	10.312	1413	1421	1429	rBV5	33962	81255	4.40%	0.310%
41	10.429	1434	1441	1446	rBV3	48616	100011	5.41%	0.382%
42	10.541	1452	1460	1478	rBV	930337	1837721	99.40%	7.017%
43	10.729	1484	1492	1498	rBV5	68709	172417	9.33%	0.658%
44	10.818	1505	1507	1513	rVB5	15103	24465	1.32%	0.093%
45	10.888	1513	1519	1525	rBV2	72258	138805	7.51%	0.530%
46	10.959	1525	1531	1542	rVB5	83868	235003	12.71%	0.897%
47	11.053	1542	1547	1554	rVB9	10221	24405	1.32%	0.093%
48	11.135	1554	1561	1567	rBV7	7785	21033	1.14%	0.080%
49	11.229	1572	1577	1581	rBV8	21637	43965	2.38%	0.168%
50	11.276	1581	1585	1588	rVV3	24449	36786	1.99%	0.140%
51	11.318	1588	1592	1595	rVV5	27581	48274	2.61%	0.184%
52	11.353	1595	1598	1601	rVV4	38901	66387	3.59%	0.253%
53	11.394	1601	1605	1610	rVV2	68101	121568	6.58%	0.464%
54	11.441	1610	1613	1619	rVB3	16352	29482	1.59%	0.113%
55	11.547	1627	1631	1637	rVB5	14714	25805	1.40%	0.099%
56	11.653	1639	1649	1657	rBV8	16391	41585	2.25%	0.159%
57	11.771	1662	1669	1673	rBV6	9021	18898	1.02%	0.072%
58	11.841	1673	1681	1693	rBV	779098	1457459	78.83%	5.565%
59	11.941	1693	1698	1707	rVB2	64657	125524	6.79%	0.479%
60	12.094	1719	1724	1732	rVB9	16452	40799	2.21%	0.156%
61	12.553	1788	1802	1806	rBV9	14982	44303	2.40%	0.169%
62	12.671	1817	1822	1829	rVB2	66545	111559	6.03%	0.426%
63	12.829	1840	1849	1858	rBV	530941	1010609	54.66%	3.859%
64	13.012	1874	1880	1889	rBV	224532	401347	21.71%	1.532%
65	13.312	1923	1931	1939	rBV2	21945	46094	2.49%	0.176%
66	13.412	1941	1948	1954	rVB6	10707	23483	1.27%	0.090%
67	13.594	1970	1979	1984	rBV3	54705	132042	7.14%	0.504%
68	13.770	2001	2009	2021	rBV	733466	1337654	72.35%	5.108%
69	13.859	2021	2024	2029	rVB3	21431	29530	1.60%	0.113%
70	13.929	2029	2036	2039	rBV	201824	329377	17.82%	1.258%
71	13.970	2039	2043	2047	rVV	220970	396681	21.46%	1.515%
72	14.012	2047	2050	2059	rVV3	115003	287234	15.54%	1.097%
73	14.094	2059	2064	2069	rVB2	51757	86302	4.67%	0.330%
74	14.153	2071	2074	2081	rVB2	17427	30733	1.66%	0.117%
75	14.217	2081	2085	2092	rBV3	18114	27958	1.51%	0.107%
76	14.306	2093	2100	2106	rBV	558867	872938	47.22%	3.333%

Sample Results: **VN088403.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

77	14.370	2106	2111	2114	rVV	101623	168676	9.12%	0.644%
78	14.417	2114	2119	2126	rVB2	347089	605311	32.74%	2.311%
79	14.482	2126	2130	2138	rVB8	15323	22591	1.22%	0.086%
80	14.553	2138	2142	2146	rBV3	19692	27162	1.47%	0.104%
81	14.629	2147	2155	2162	rVB	309268	510097	27.59%	1.948%
82	14.706	2164	2168	2172	rBV2	33551	47709	2.58%	0.182%
83	14.853	2184	2193	2196	rBV3	25313	50412	2.73%	0.192%
84	14.900	2196	2201	2207	rBV	219636	388009	20.99%	1.482%
85	15.023	2213	2222	2228	rBV3	391119	961562	52.01%	3.672%
86	15.076	2228	2231	2239	rVB3	36553	77701	4.20%	0.297%
87	15.182	2245	2249	2253	rBV4	21521	33922	1.83%	0.130%
88	15.288	2256	2267	2272	rVV2	138409	356871	19.30%	1.363%
89	15.335	2272	2275	2280	rVV3	67565	115778	6.26%	0.442%
90	15.412	2280	2288	2296	rVB3	123756	325722	17.62%	1.244%
91	15.559	2307	2313	2319	rVB8	15974	36578	1.98%	0.140%
92	15.670	2326	2332	2336	rBV3	25289	50933	2.75%	0.194%
93	15.723	2336	2341	2344	rBV5	30868	57681	3.12%	0.220%
94	15.917	2365	2374	2382	rBV3	59914	130976	7.08%	0.500%
95	16.094	2397	2404	2408	rBV3	40791	97158	5.26%	0.371%
96	16.223	2421	2426	2432	rBV3	21669	43673	2.36%	0.167%
97	16.311	2433	2441	2452	rVB3	34908	97842	5.29%	0.374%
98	16.470	2459	2468	2477	rBV4	36688	96804	5.24%	0.370%
99	16.676	2495	2503	2508	rBV9	11067	28231	1.53%	0.108%
100	16.747	2508	2515	2522	rBV2	75601	180120	9.74%	0.688%

Sum of corrected areas: 26189540

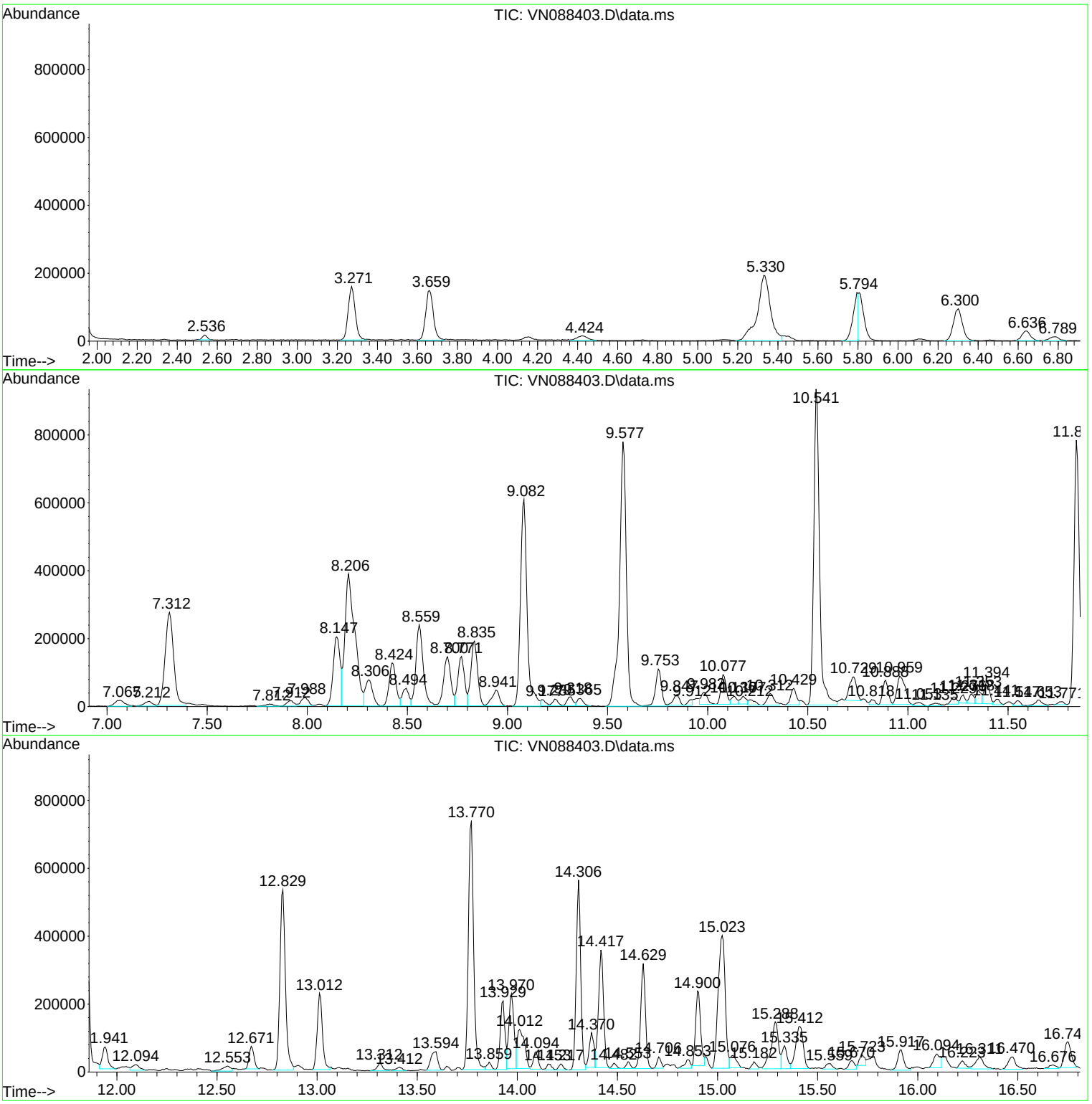
Sample Results: **VN088403.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

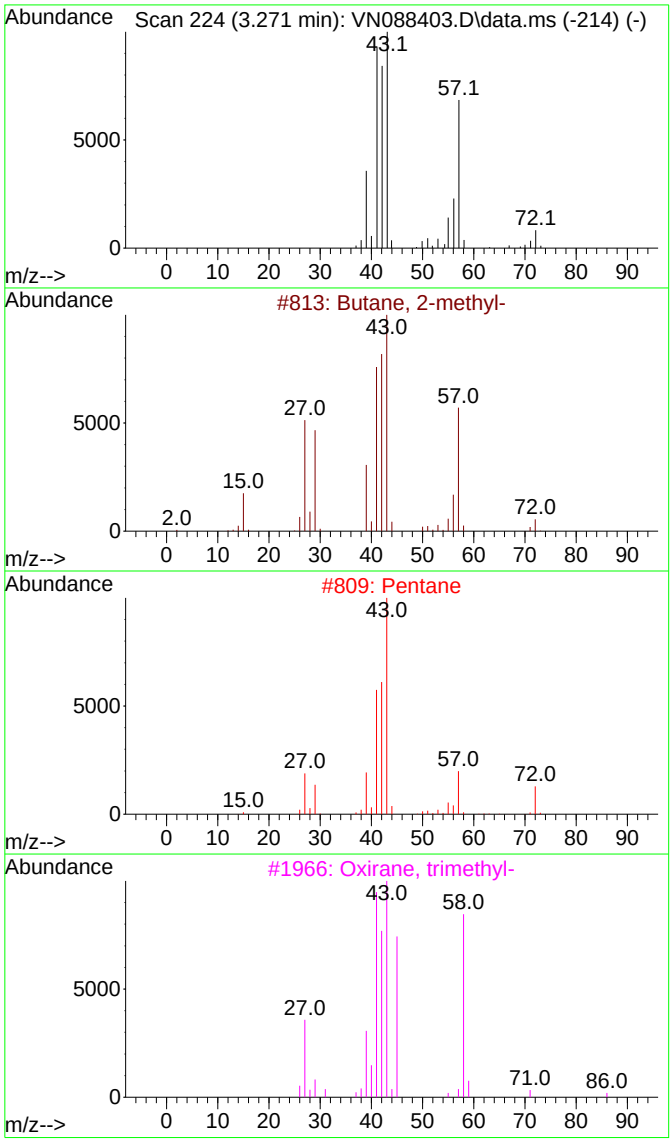
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

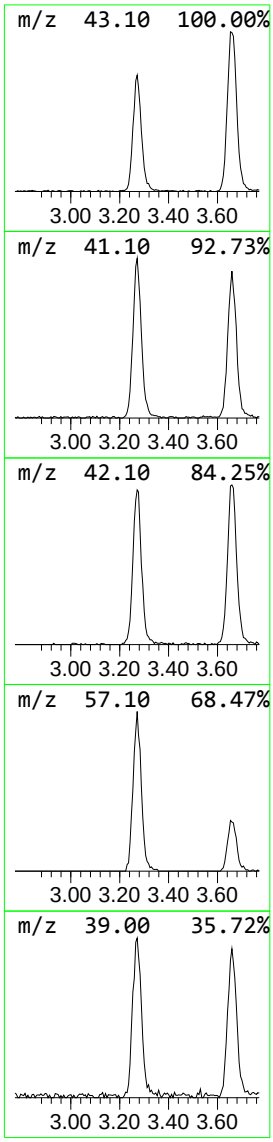
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.271	14.45 ug/l	385085	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Pentane	72	C5H12	000109-66-0	42
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	38
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	17





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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

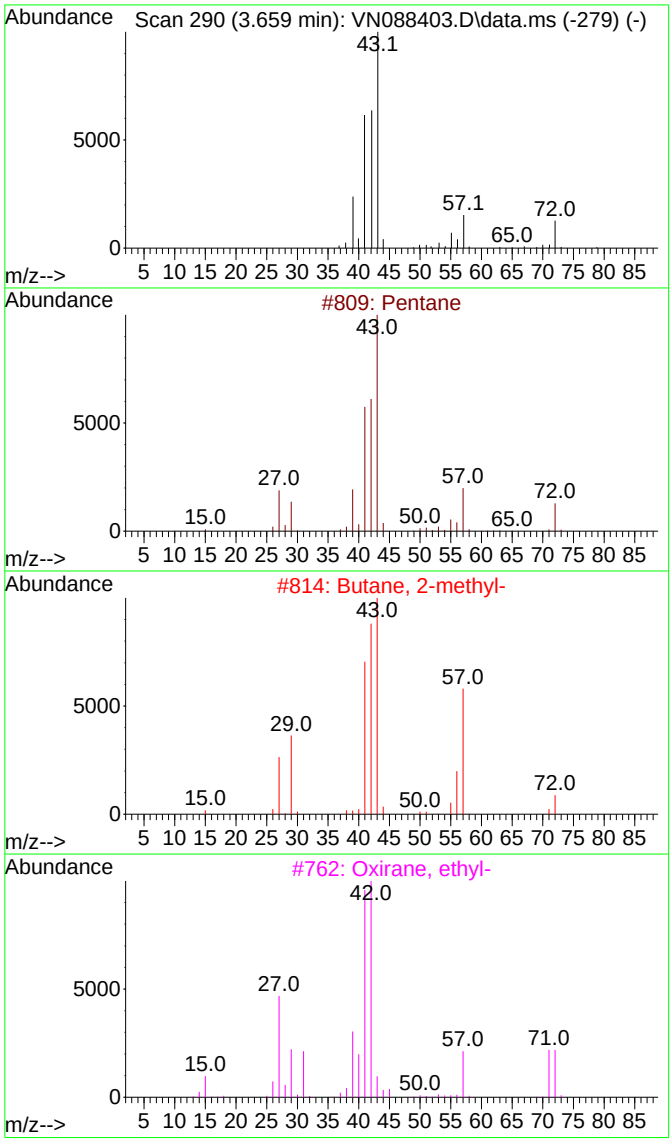
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

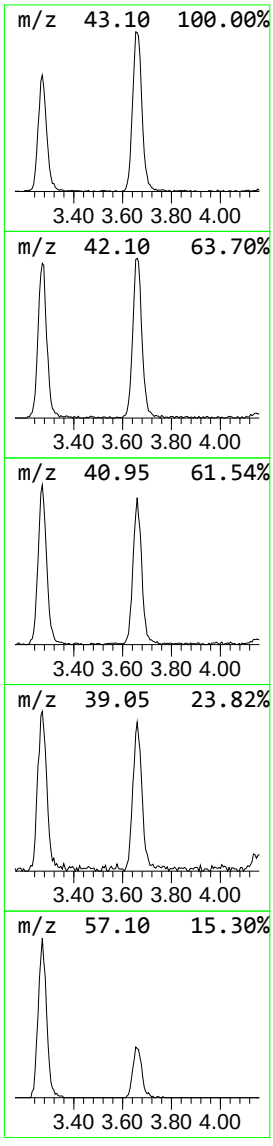
****

Peak Number 2 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.659	14.56 ug/l	388064	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	39
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

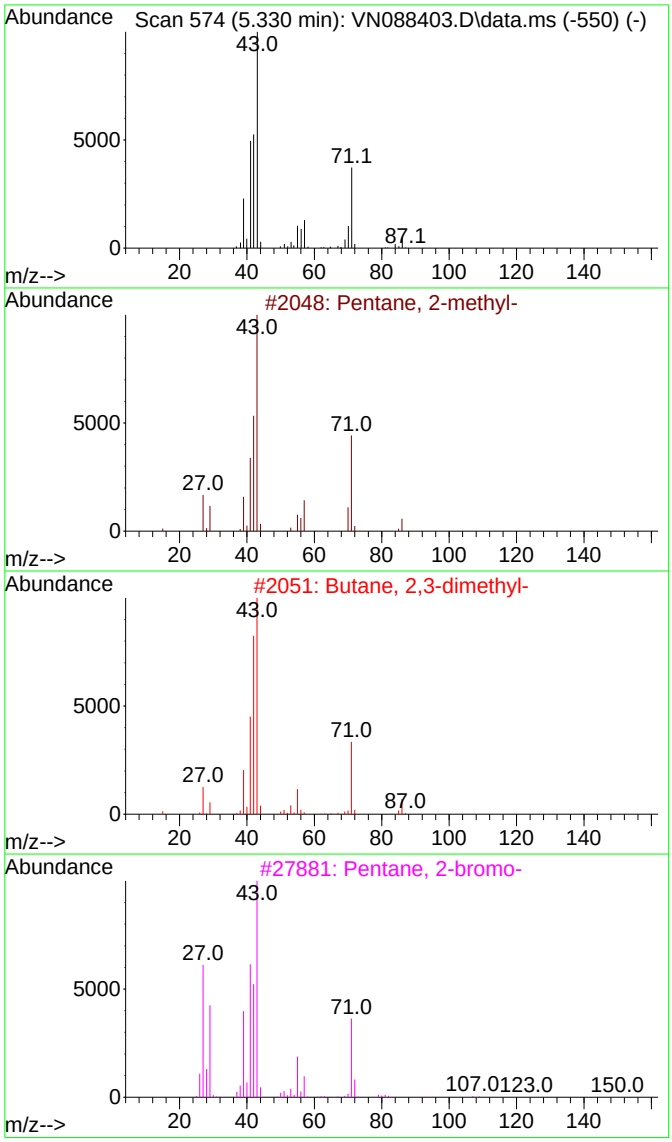
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

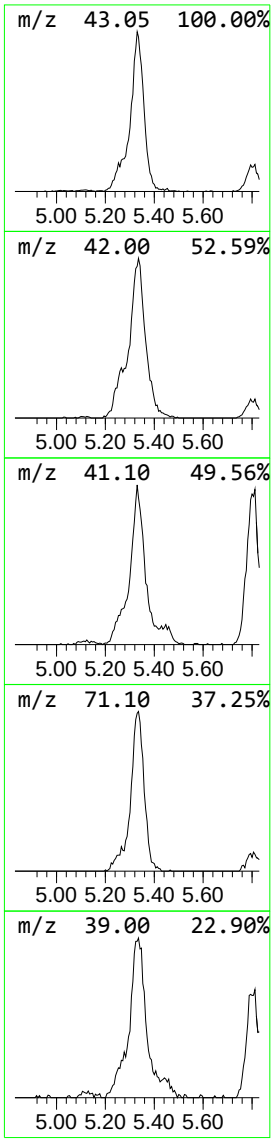
****

Peak Number 3 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	32.56 ug/l	868031	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38
4	N-Vinylformamide	71	C3H5NO	013162-05-5	37
5	C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	32





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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

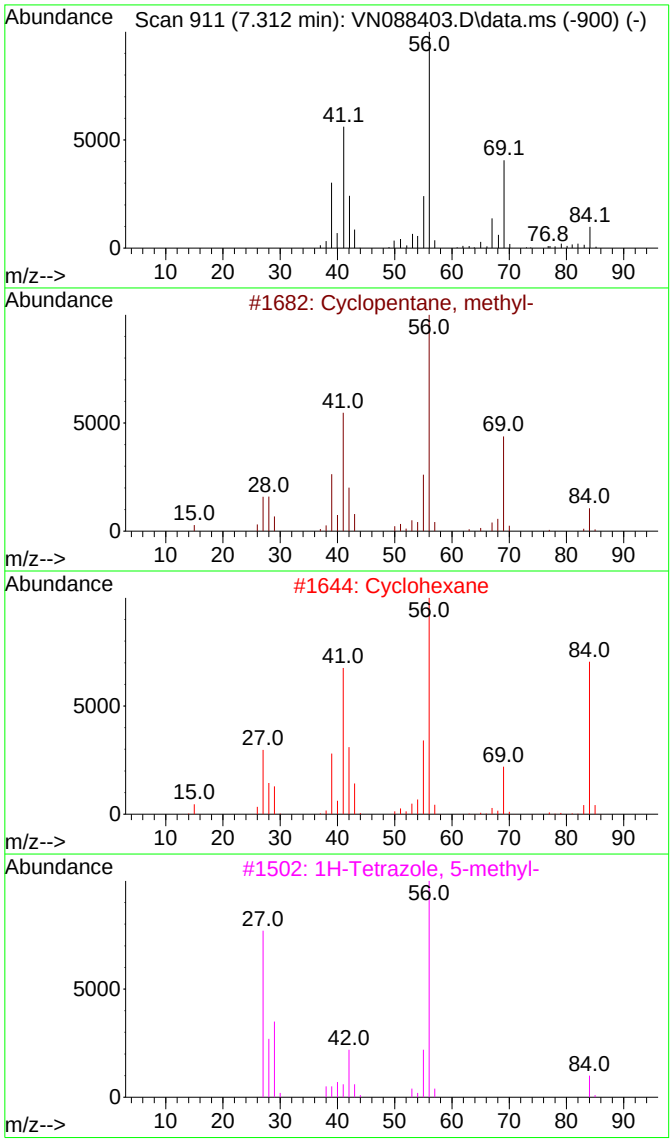
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

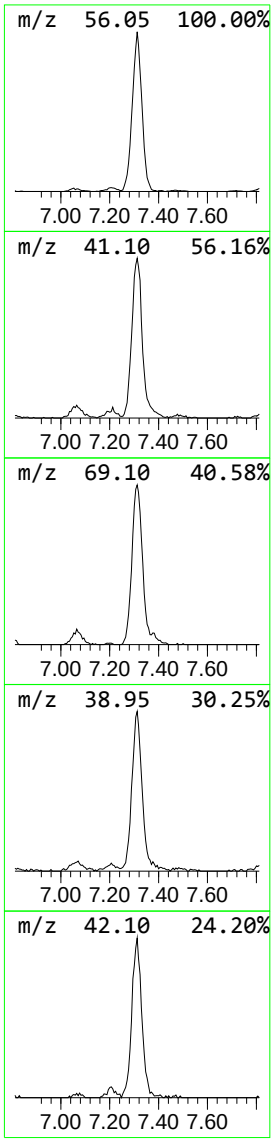
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	30.05 ug/l	801021	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	Cyclobutane	56	C4H8	000287-23-0	47





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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

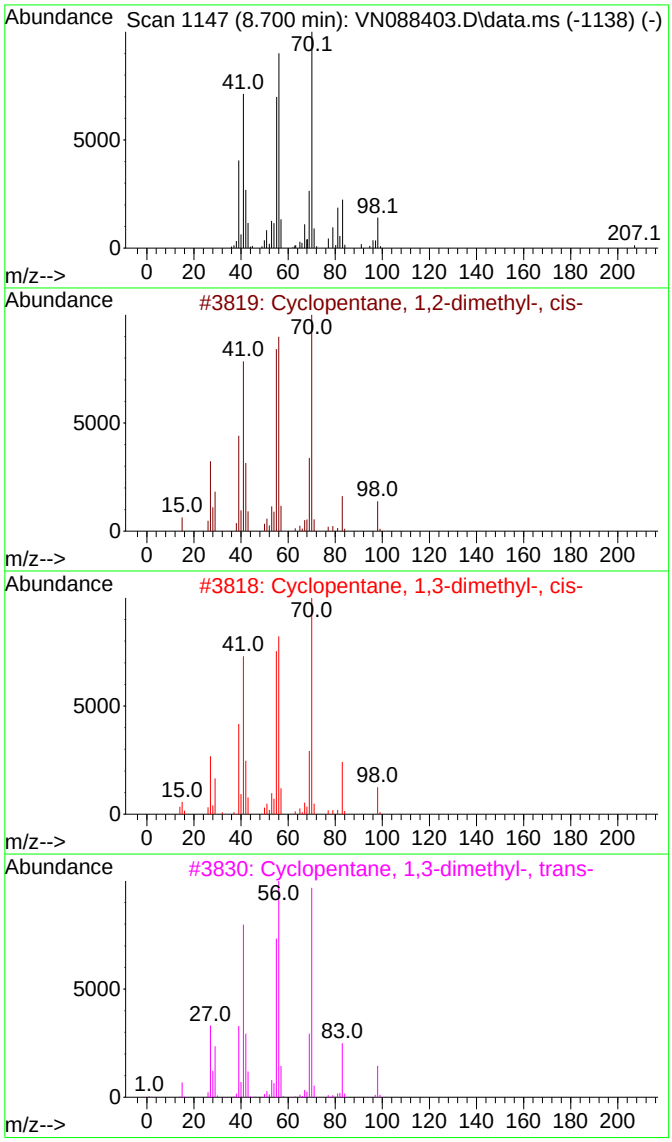
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

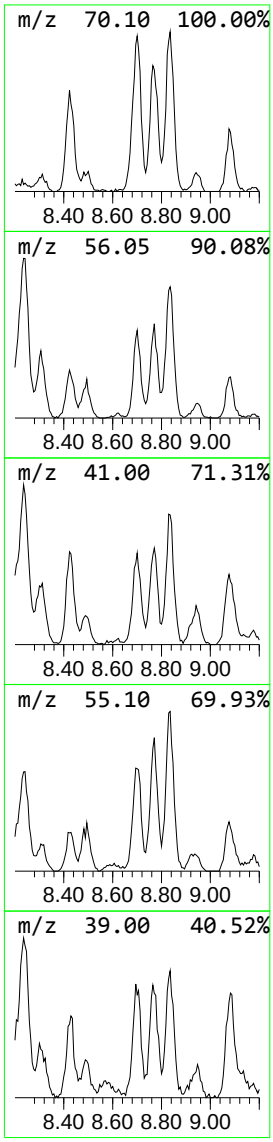
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.700	13.03 ug/l	366040	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	93
5	Cycloheptane	98	C7H14	000291-64-5	50





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Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

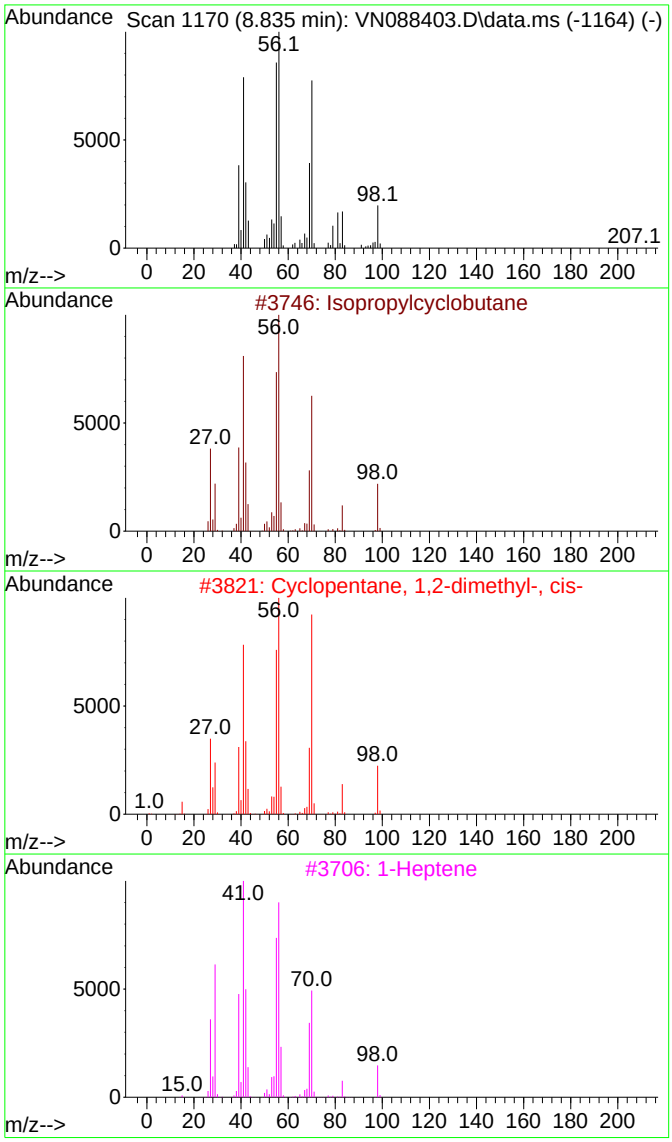
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

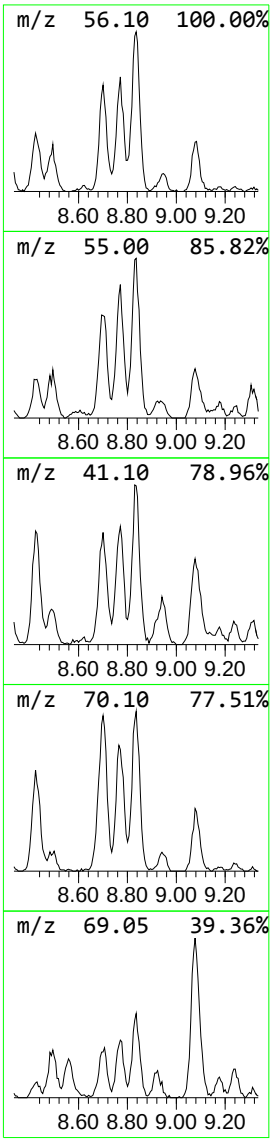
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Isopropylcyclobutane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.835	15.44 ug/l	433962	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3	1-Heptene	98	C7H14	000592-76-7	83
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81





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Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

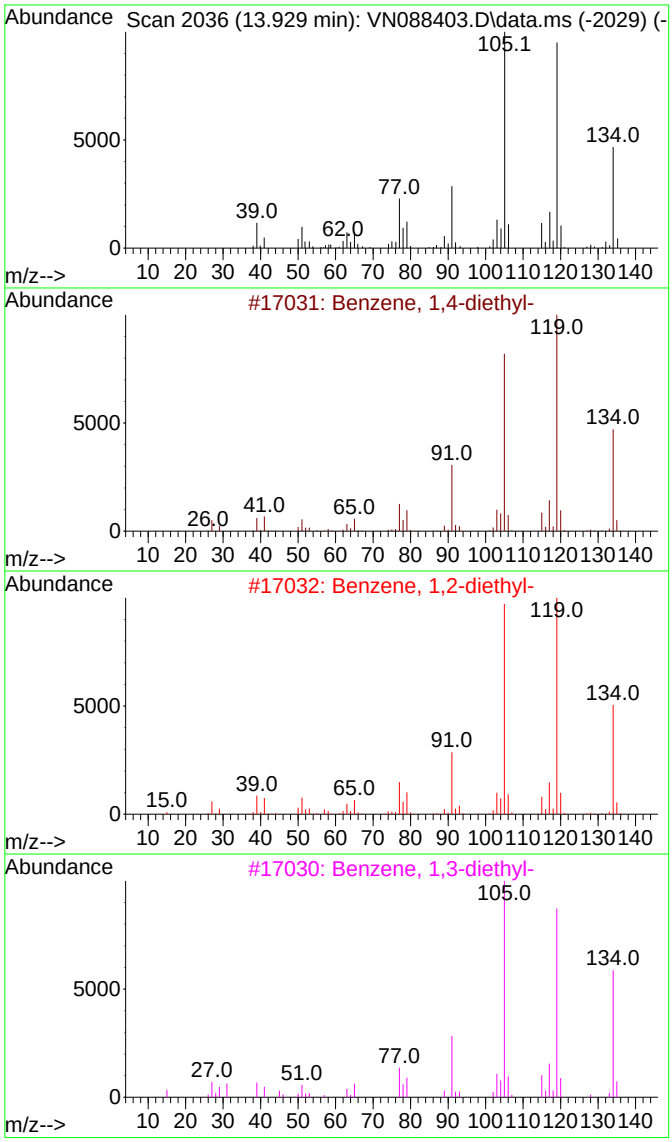
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

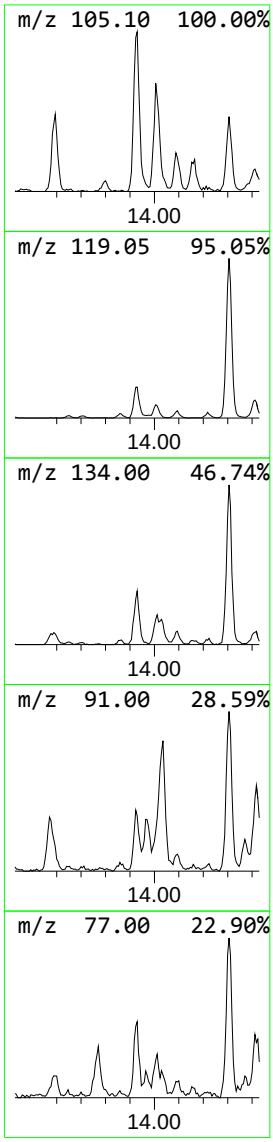
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	12.31 ug/l	329377	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

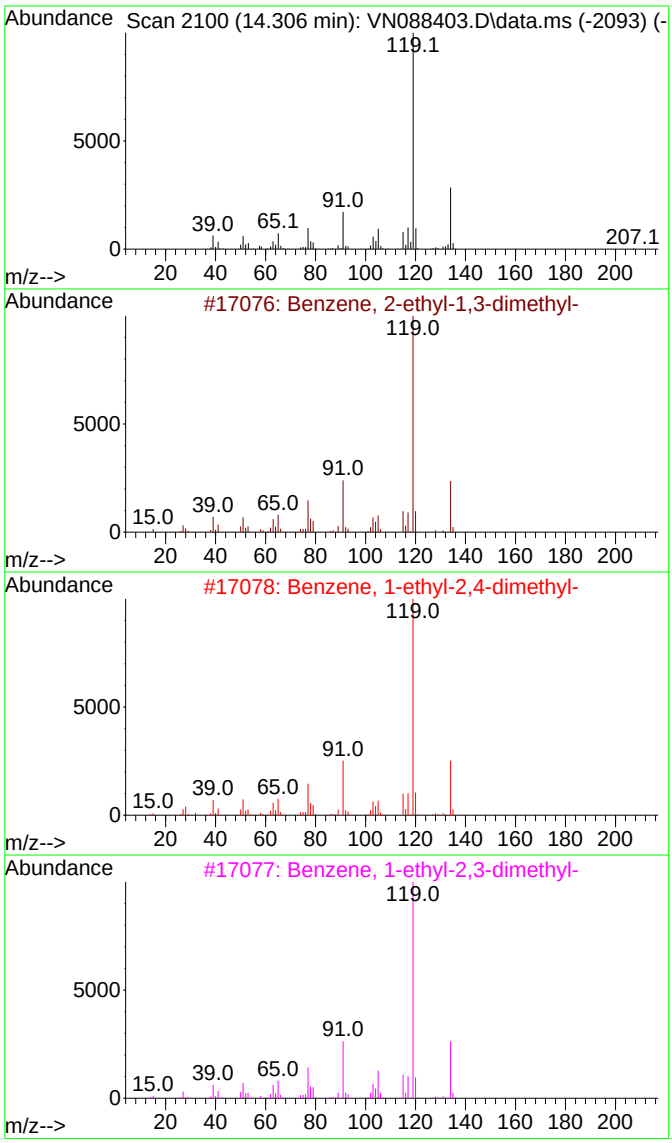
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

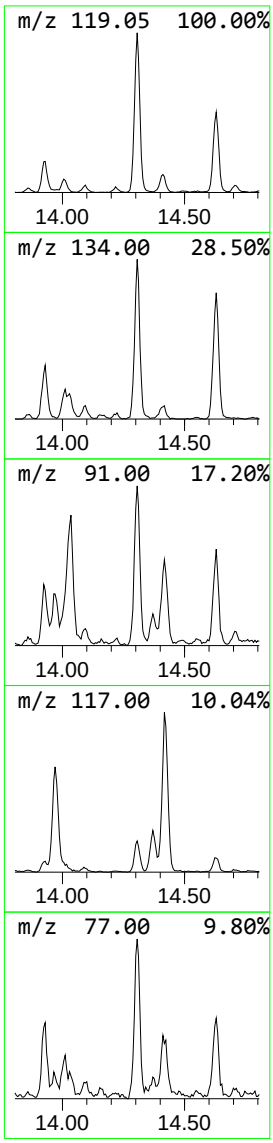
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	32.63 ug/l	872938	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

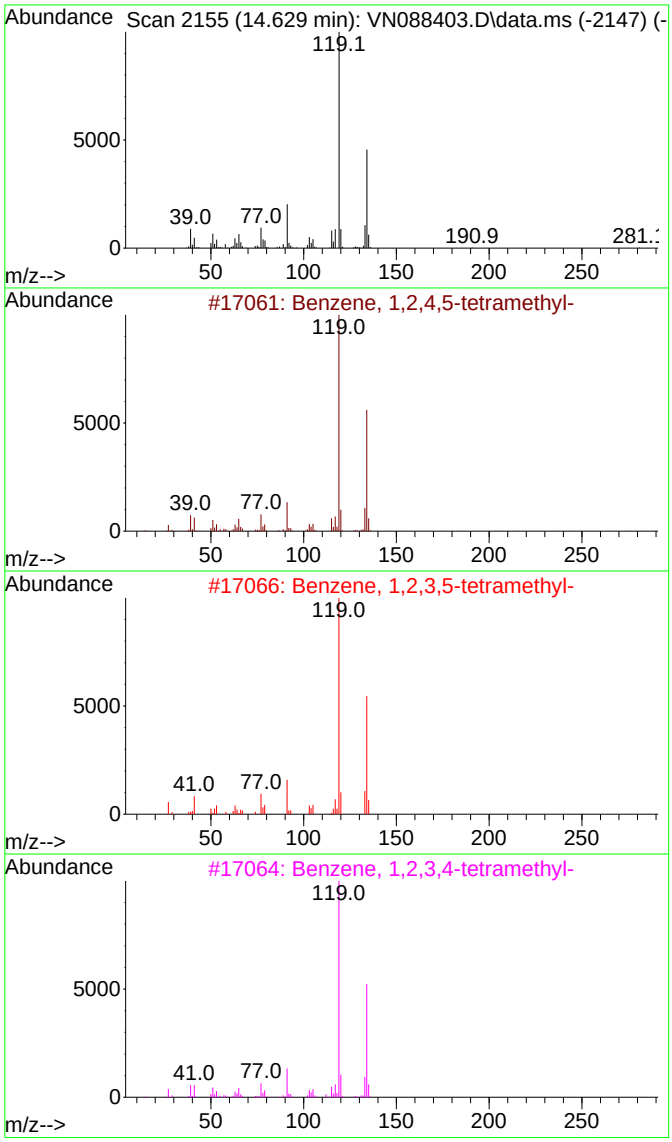
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

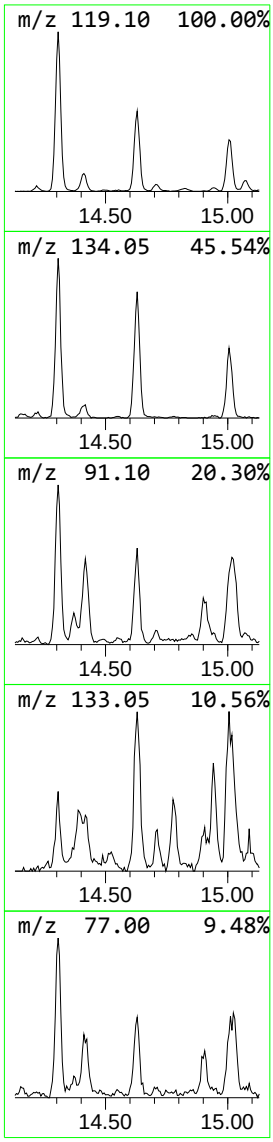
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	19.07 ug/l	510097	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

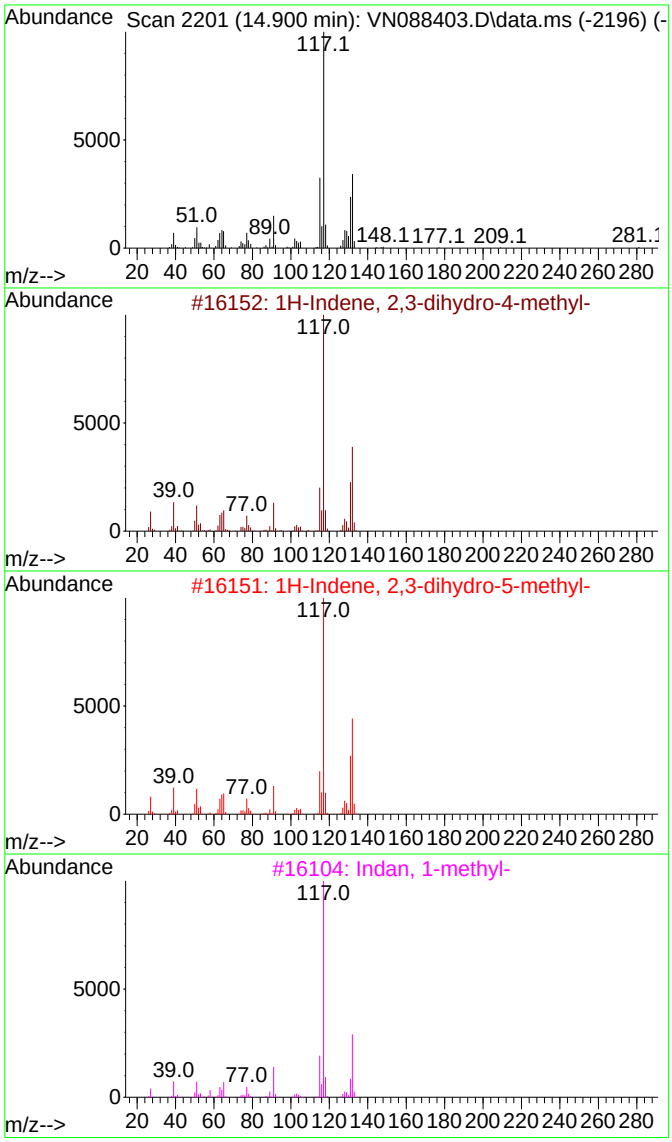
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

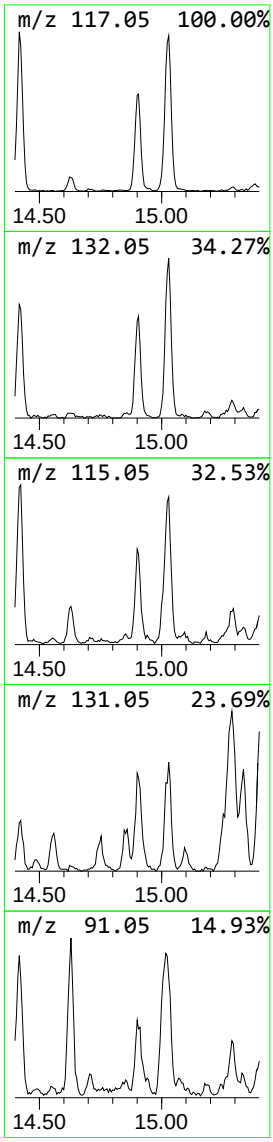
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	14.50 ug/l	388009	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





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Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

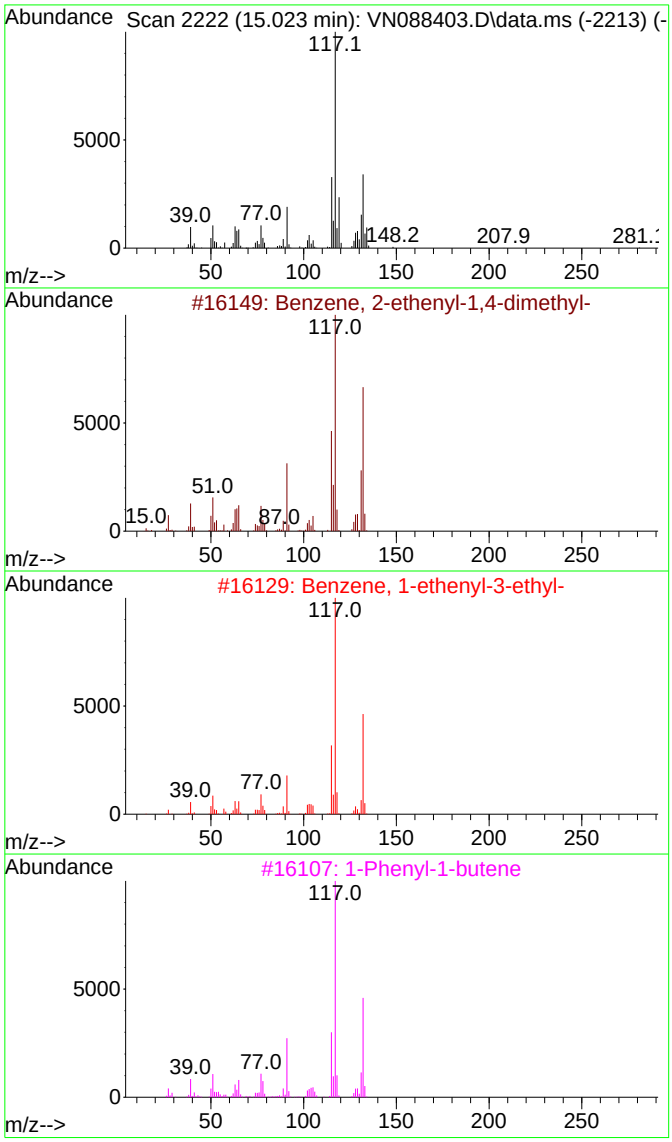
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

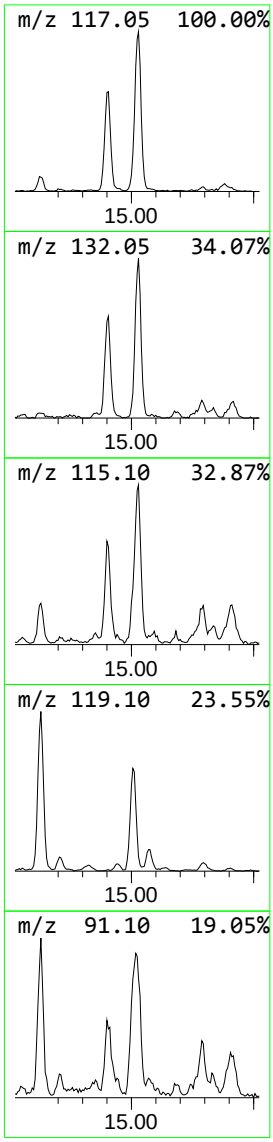
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	35.94 ug/l	961562	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	89
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

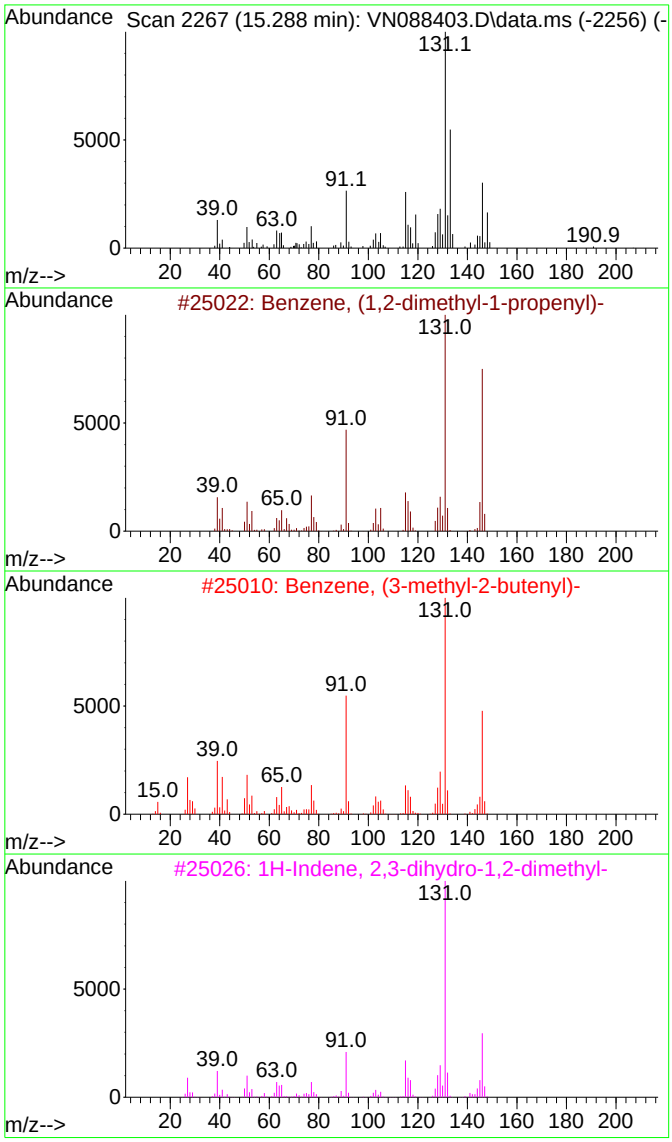
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

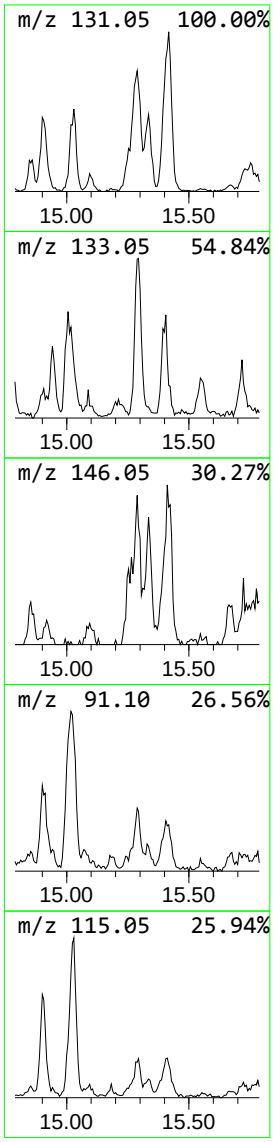
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	13.34 ug/l	356871	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

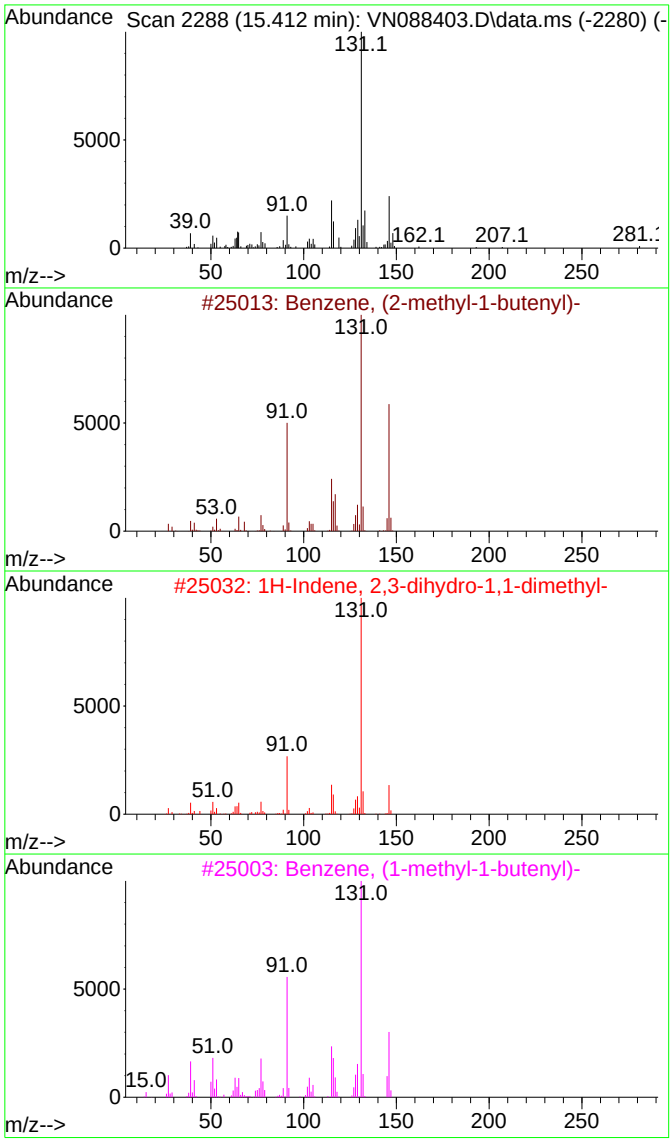
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

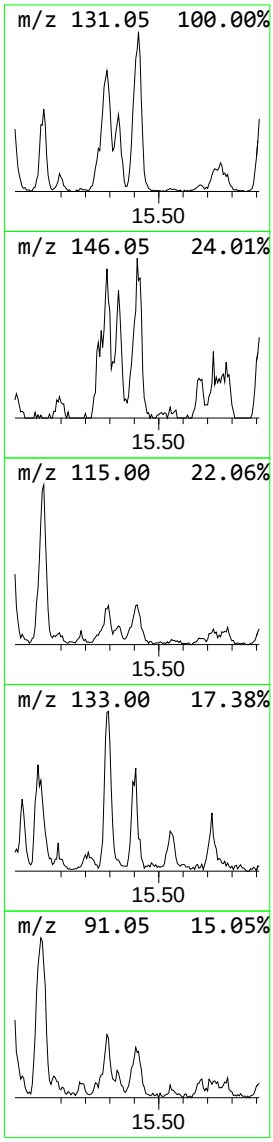
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.412	12.18 ug/l	325722	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088403.D
Acq On : 02 Dec 2025 12:35
Operator : JC\MD
Sample : Q3738-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	3.271	14.4	ug/l	385085	1	8.206	1332790	50.0
Pentane	3.659	14.6	ug/l	388064	1	8.206	1332790	50.0
Pentane, 2-methyl-	5.330	32.6	ug/l	868031	1	8.206	1332790	50.0
Cyclopentane, m...	7.312	30.1	ug/l	801021	1	8.206	1332790	50.0
Cyclopentane, 1...	8.700	13.0	ug/l	366040	2	9.082	1405100	50.0
Isopropylcyclob...	8.835	15.4	ug/l	433962	2	9.082	1405100	50.0
Benzene, 1,4-di...	13.929	12.3	ug/l	329377	4	13.770	1337650	50.0
Benzene, 2-ethy...	14.306	32.6	ug/l	872938	4	13.770	1337650	50.0
Benzene, 1,2,4,...	14.629	19.1	ug/l	510097	4	13.770	1337650	50.0
1H-Indene, 2,3-...	14.900	14.5	ug/l	388009	4	13.770	1337650	50.0
Benzene, 2-ethe...	15.023	35.9	ug/l	961562	4	13.770	1337650	50.0
Benzene, (1,2-d...	15.288	13.3	ug/l	356871	4	13.770	1337650	50.0
Benzene, (2-met...	15.412	12.2	ug/l	325722	4	13.770	1337650	50.0

Raw Data: **VN088384.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	MW5			SDG No.:	Q3738
Lab Sample ID:	Q3738-02			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									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 15:35	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:35	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 15:35	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 15:35	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 15:35	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/01/25 15:35	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 15:35	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:35	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 15:35	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 15:35	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
110-82-7	Cyclohexane	100		1	1.50	5.00	ug/L	12/01/25 15:35	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 15:35	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
108-87-2	Methylcyclohexane	110		1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
71-43-2	Benzene	37.5		1	0.15	1.00	ug/L	12/01/25 15:35	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 15:35	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 15:35	VN120125
108-88-3	Toluene	4.10		1	0.14	1.00	ug/L	12/01/25 15:35	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 15:35	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:35	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 15:35	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 15:35	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:35	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
100-41-4	Ethyl Benzene	4.00		1	0.13	1.00	ug/L	12/01/25 15:35	VN120125
179601-23-1	m/p-Xylenes	5.60		1	0.24	2.00	ug/L	12/01/25 15:35	VN120125
95-47-6	o-Xylene	1.70		1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:35	VN120125

Raw Data: **VN088384.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	ANN	Date Received:	11/26/25
Client Sample ID:	MW5	SDG No.:	Q3738
Lab Sample ID:	Q3738-02	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
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
98-82-8	Isopropylbenzene	28.4		1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:35	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 15:35	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.9			70 (74) - 130 (125)	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 (75) - 130 (124)	103%	SPK: 50		
2037-26-5	Toluene-d8	51.3			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.6			70 (77) - 130 (121)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	497000							
3114-55-4	Chlorobenzene-d5	489000							
3855-82-1	1,4-Dichlorobenzene-d4	247000							
TENTATIVE IDENTIFIED COMPOUNDS									
000107-83-5	Pentane, 2-methyl-	46.8	J			5.34	ug/L		
000096-14-0	Pentane, 3-methyl-	26.5	J			5.81	ug/L		
000096-37-7	Cyclopentane, methyl-	60.7	J			7.31	ug/L		
103-65-1	n-propylbenzene	55.7	J			13.0	ug/L		
98-06-6	tert-Butylbenzene	1.10	J			13.4	ug/L		
95-63-6	1,2,4-Trimethylbenzene	0.60	J			13.5	ug/L		
135-98-8	sec-Butylbenzene	7.10	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	0.77	J			13.7	ug/L		
000105-05-5	Benzene, 1,4-diethyl-	27.9	J			13.9	ug/L		
104-51-8	n-Butylbenzene	8.40	J			14.0	ug/L		
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	80.3	J			14.3	ug/L		
076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetra	57.3	J			14.6	ug/L		
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	46.1	J			14.9	ug/L		
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	140	J			15.0	ug/L		
053172-84-2	Benzene, (1-methyl-1-butenyl)-	41.1	J			15.3	ug/L		
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-pr	37.2	J			15.4	ug/L		
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	25.2	J			16.5	ug/L		

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 02 00:15:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	217967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	497394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	489259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	241790	58.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.780%			
35) Dibromofluoromethane	8.147	113	178029	51.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.541	98	658018	51.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.823	95	248976	56.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.160%			
Target Compounds						Qvalue
31) Cyclohexane	8.241	56	540851	100.155	ug/l	97
39) Methylcyclohexane	9.576	83	622703	109.435	ug/l	96
40) Benzene	8.588	78	586094	37.538	ug/l	99
52) Toluene	10.612	92	36729	4.074	ug/l	94
67) Ethyl Benzene	11.941	91	77140	4.016	ug/l	93
68) m/p-Xylenes	12.047	106	39920	5.605	ug/l	90
69) o-Xylene	12.376	106	11871m	1.748	ug/l	
73) Isopropylbenzene	12.670	105	518465	28.438	ug/l	99
78) n-propylbenzene	13.012	91	1242004	55.686	ug/l	99
83) tert-Butylbenzene	13.412	119	14471	1.127	ug/l	95
84) 1,2,4-Trimethylbenzene	13.464	105	9005	0.600	ug/l	91
85) sec-Butylbenzene	13.594	105	131324	7.118	ug/l #	73
86) p-Isopropyltoluene	13.706	119	11708	0.774	ug/l	93
89) n-Butylbenzene	14.035	91	123015m	8.375	ug/l	

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

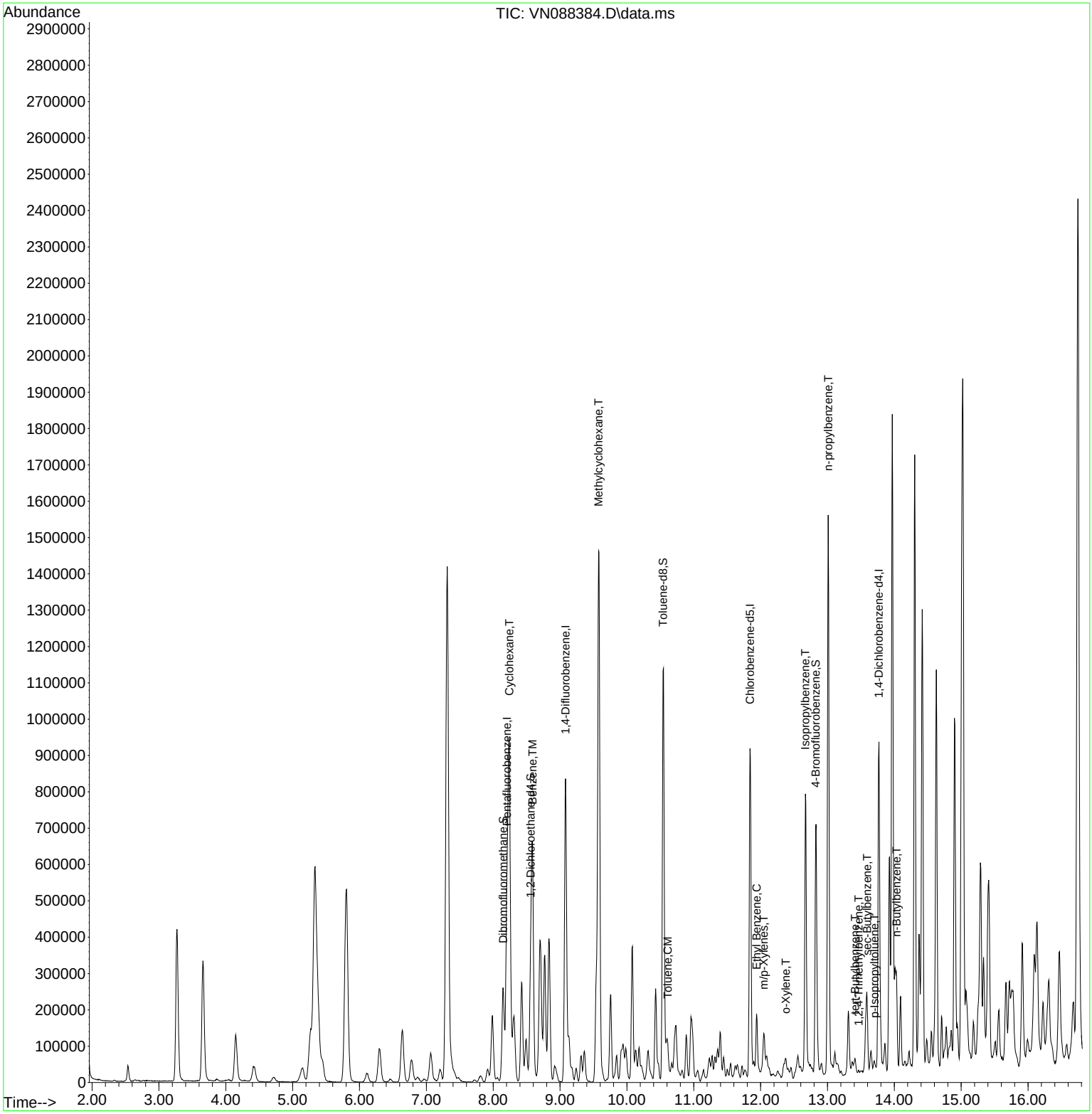
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

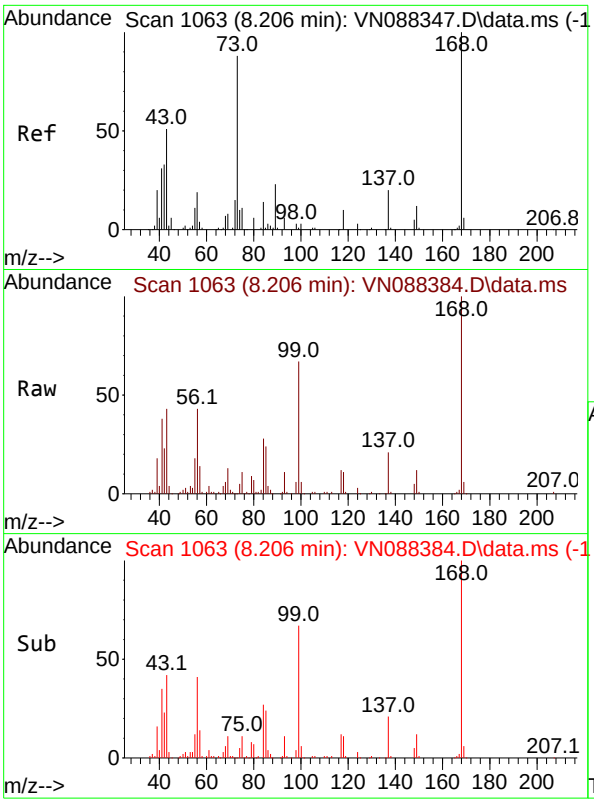
Quant Time: Dec 02 00:15:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:168 Resp: 21796

Ion	Ratio	Lower	Upper
168	100		
99	66.6	57.1	85.7

Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations
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Reviewed By :John Carlone 12/02/2025
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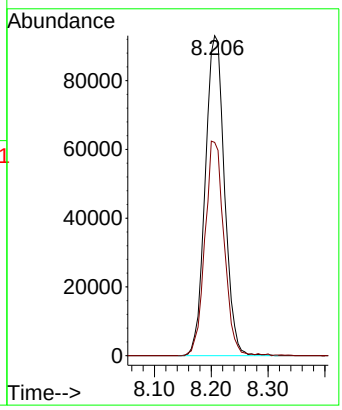
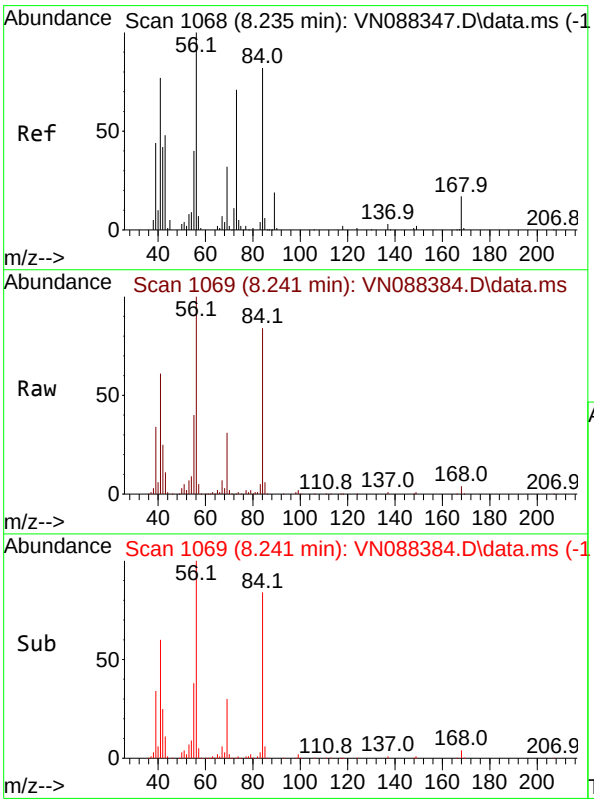
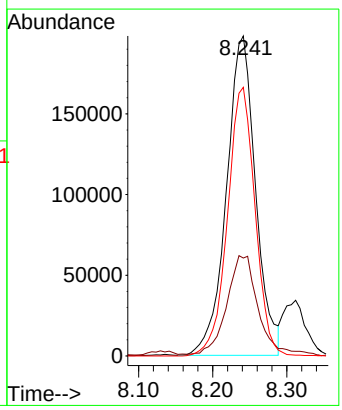


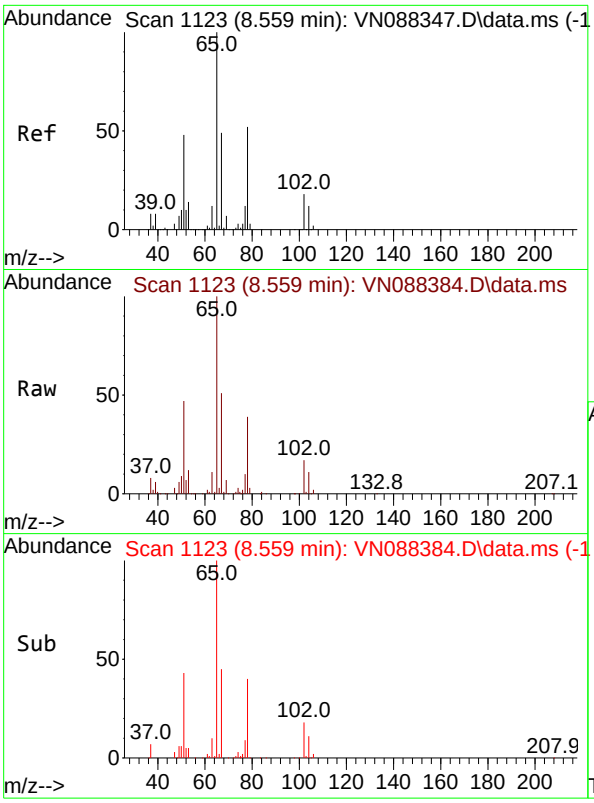


#31
Cyclohexane
Concen: 100.155 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 56 Resp: 540851

Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.3	37.9
84	84.1	65.4	98.2

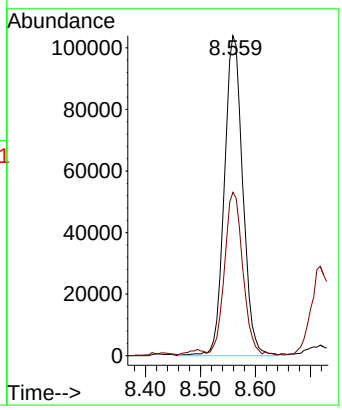




#33
1,2-Dichloroethane-d4
Concen: 58.886 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 65 Resp: 24179

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.8



Instrument :
MSVOA_N
ClientSampleId :
MW5

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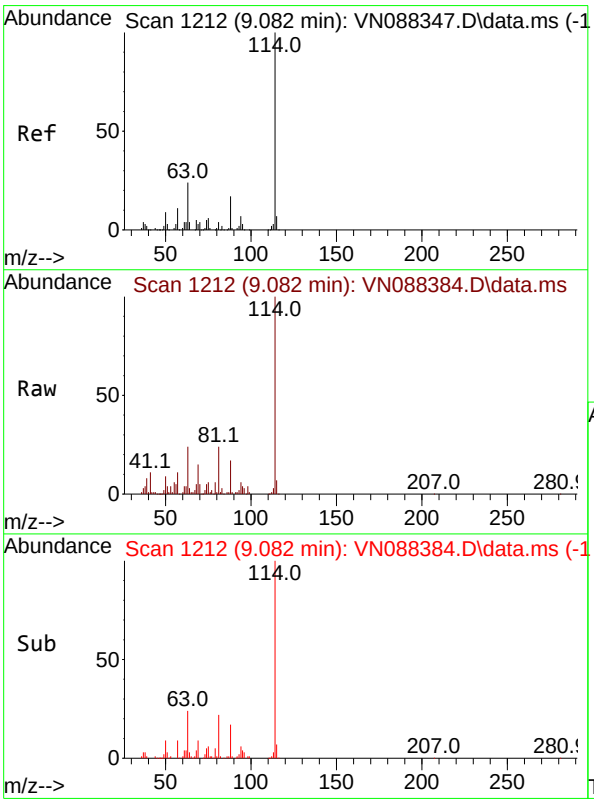
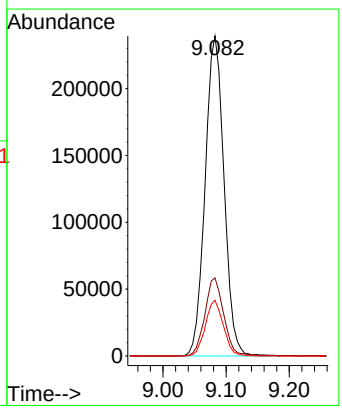
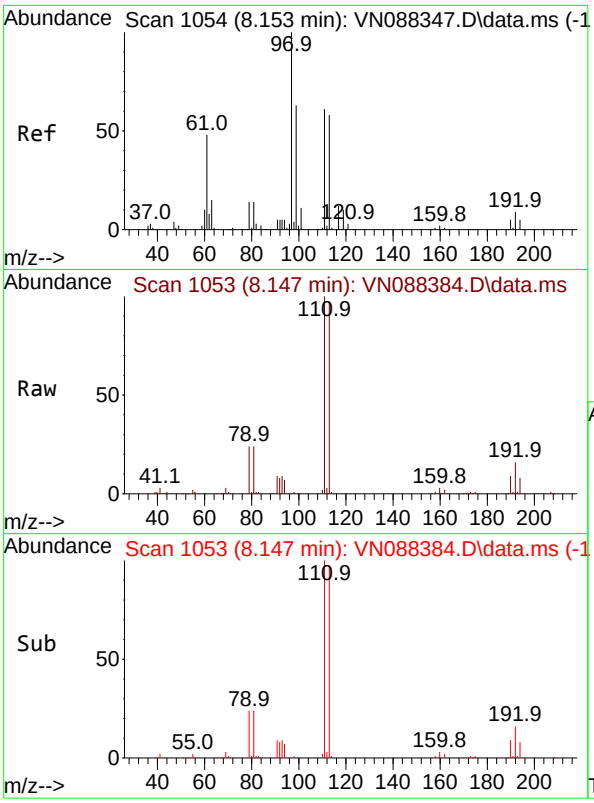


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:114 Resp: 497394

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.0
88	17.4	0.0	34.0

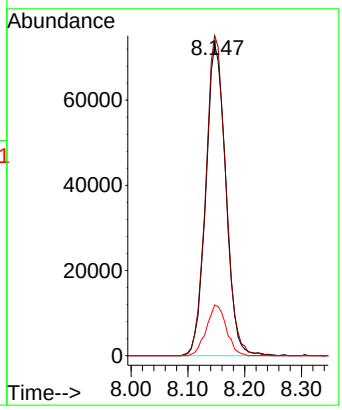




#35
Dibromofluoromethane
Concen: 51.649 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:113 Resp: 17802

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	16.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW5

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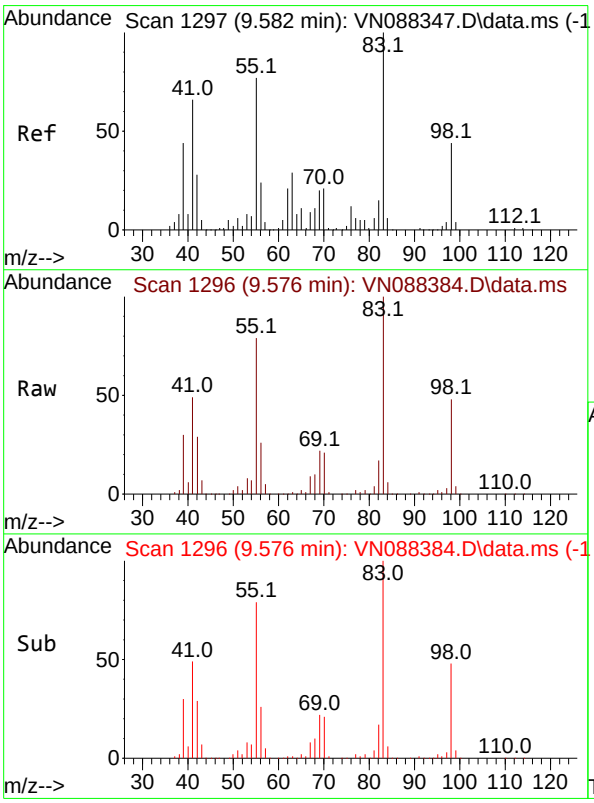
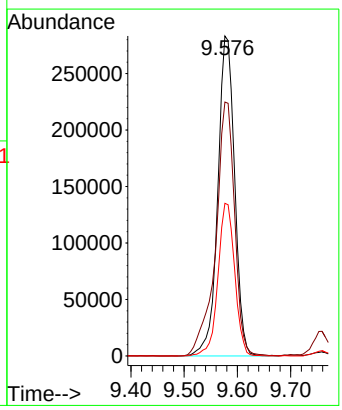
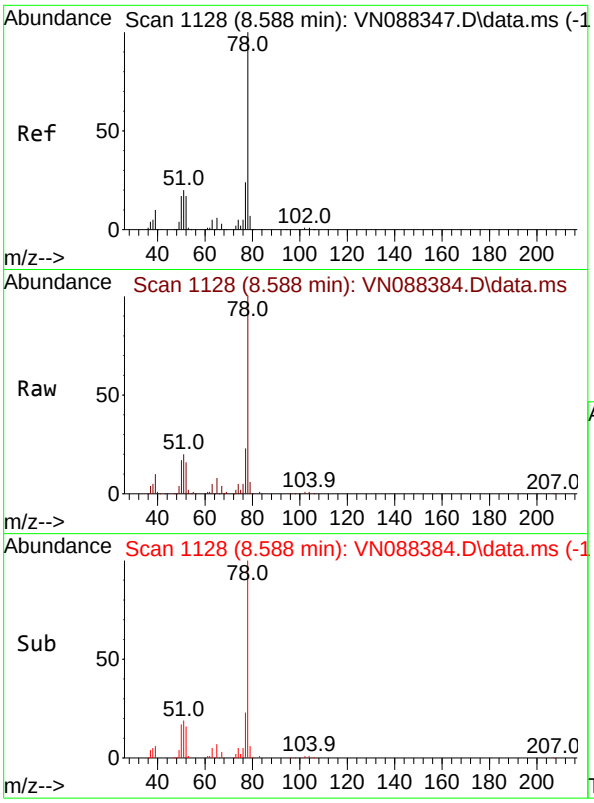


#39
Methylcyclohexane
Concen: 109.435 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 83 Resp: 622703

Ion	Ratio	Lower	Upper
83	100		
55	79.3	61.6	92.4
98	47.7	35.3	52.9

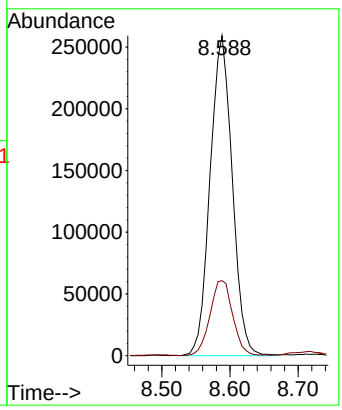




#40
Benzene
Concen: 37.538 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 78 Resp: 58609

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4



Instrument :
MSVOA_N
ClientSampleId :
MW5

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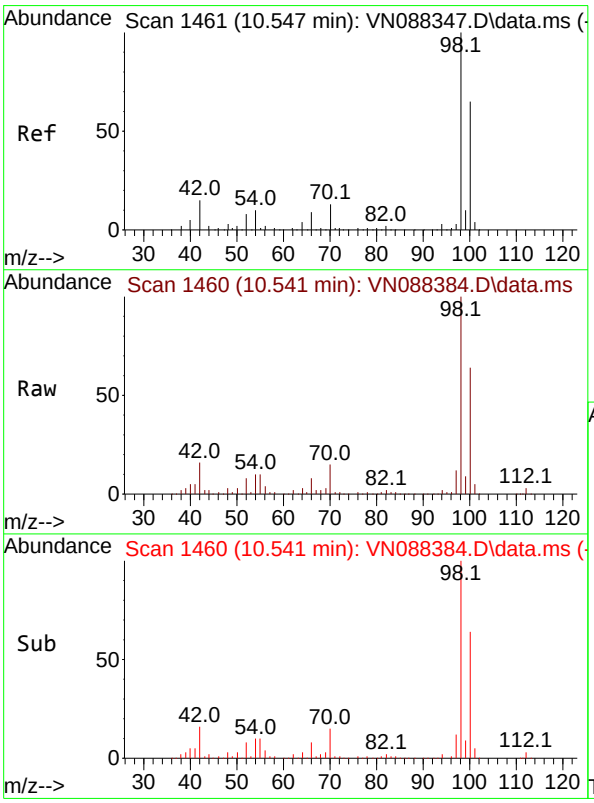
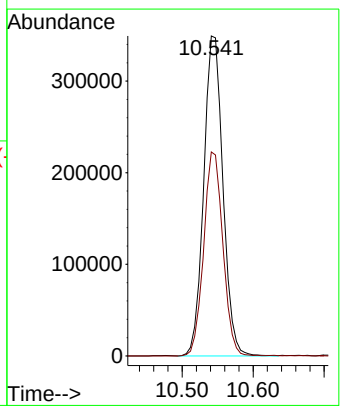
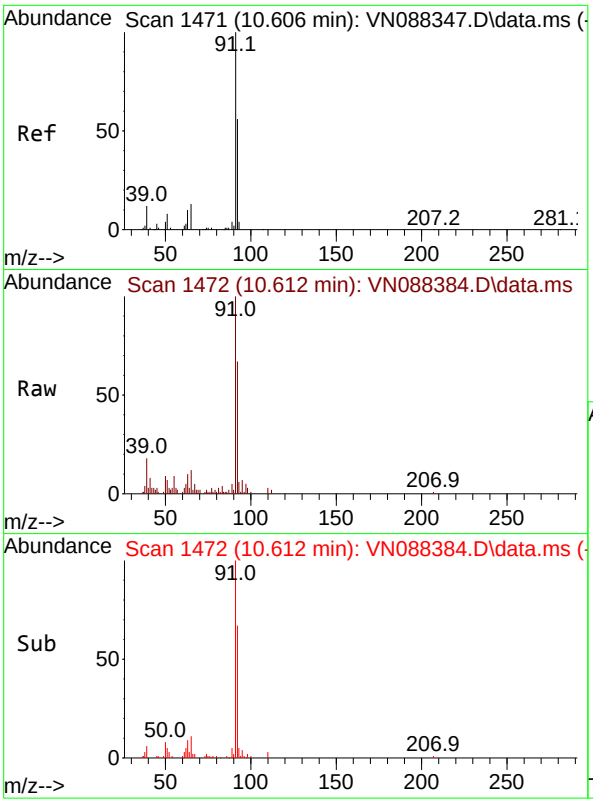


#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 98 Resp: 658018

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.2





#52
Toluene
Concen: 4.074 ug/l
RT: 10.612 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 92 Resp: 3672

Ion	Ratio	Lower	Upper
92	100		
91	166.8	140.2	210.2

Instrument :
MSVOA_N
ClientSampleId :
MW5

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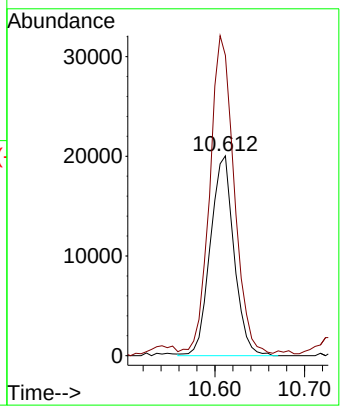
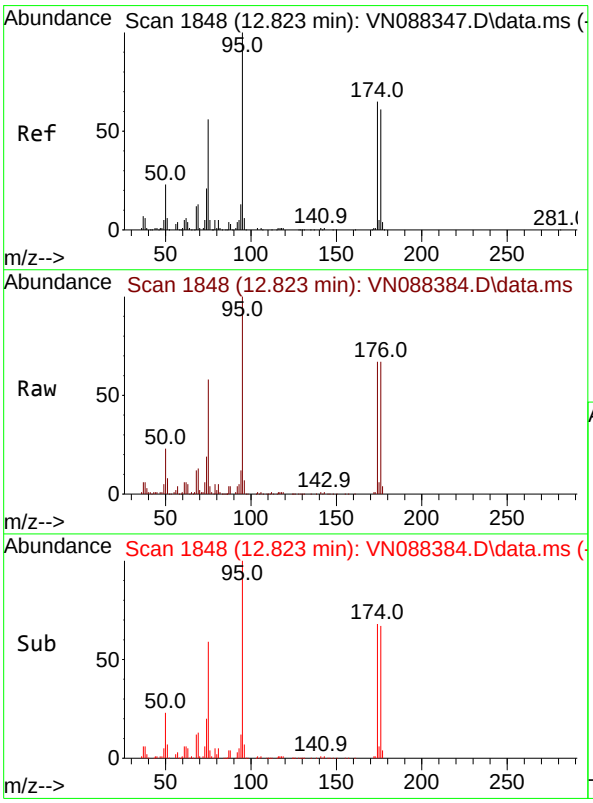
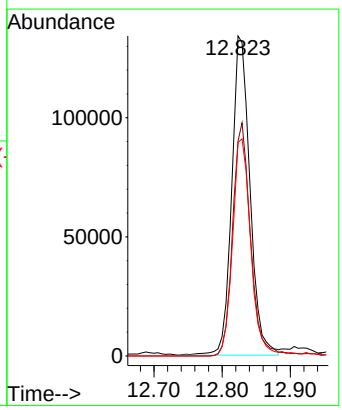


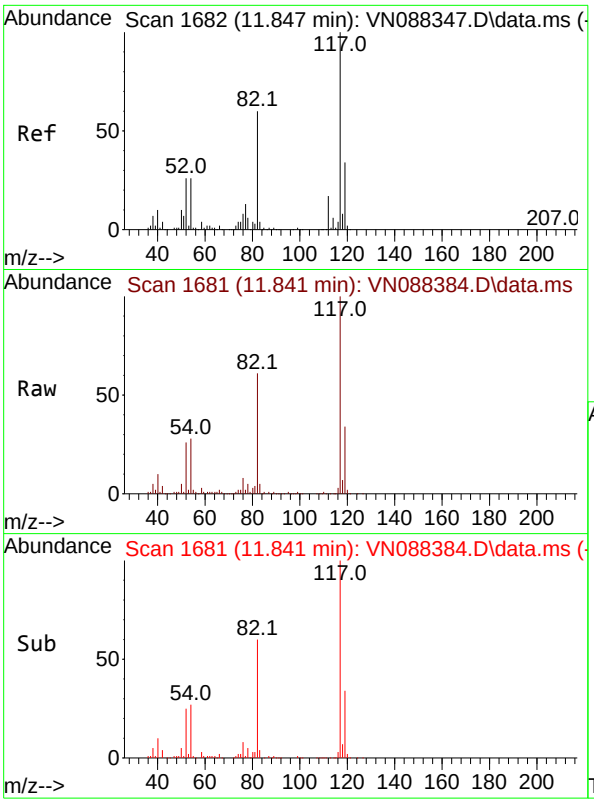


#62
4-Bromofluorobenzene
Concen: 56.578 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 95 Resp: 248976

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	139.0
176	68.3	0.0	132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:117 Resp: 48925

Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.8	71.8
119	33.7	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW5

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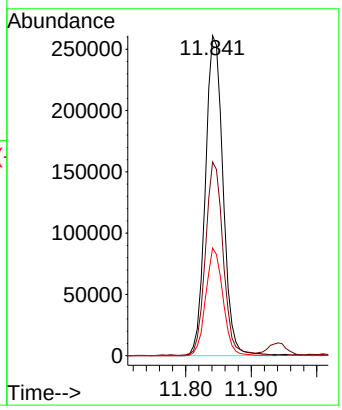
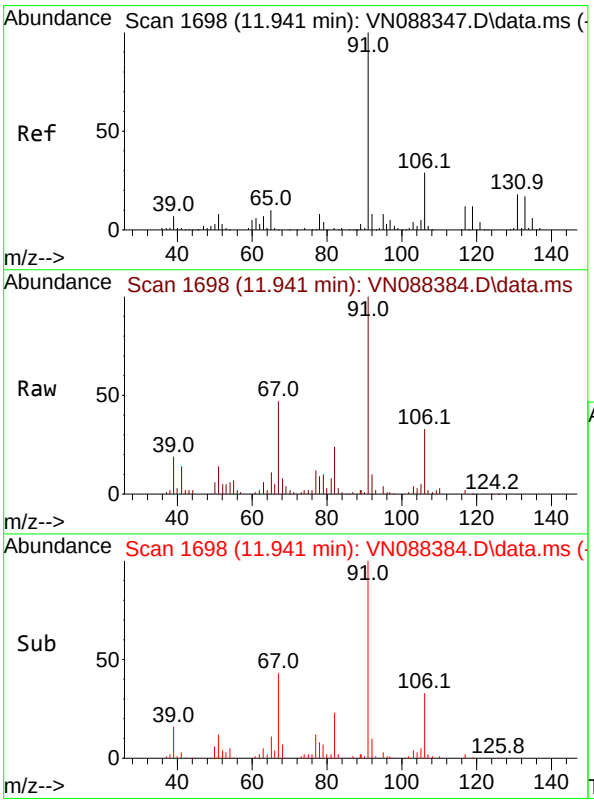
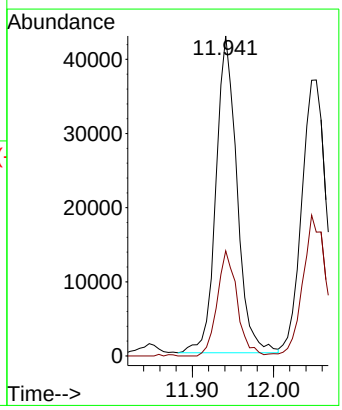


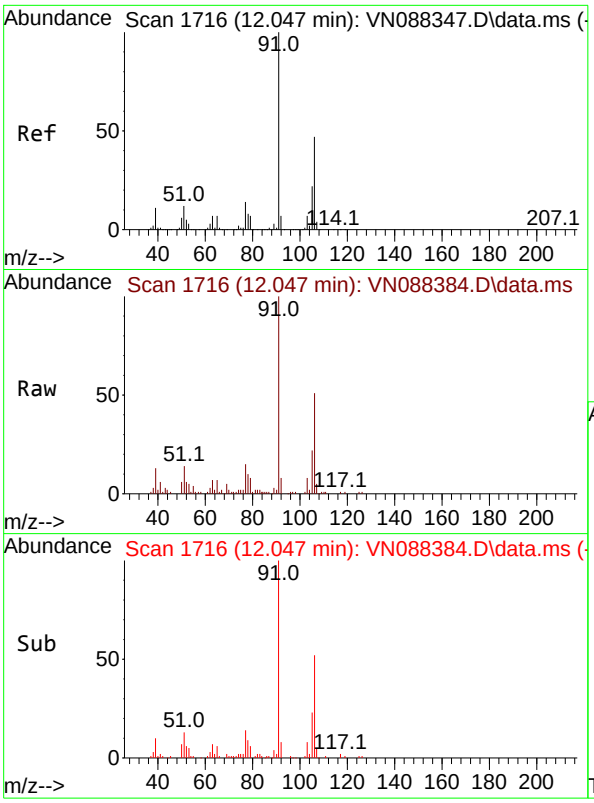


#67
Ethyl Benzene
Concen: 4.016 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 91 Resp: 77140

Ion	Ratio	Lower	Upper
91	100		
106	33.2	23.6	35.4





#68
m/p-Xylenes
Concen: 5.605 ug/l
RT: 12.047 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:106 Resp: 3992

Ion	Ratio	Lower	Upper
106	100		
91	193.6	167.8	251.6

Instrument :
MSVOA_N
ClientSampleId :
MW5

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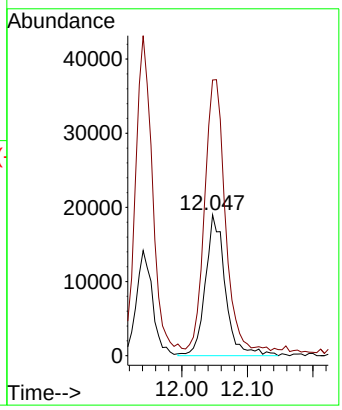
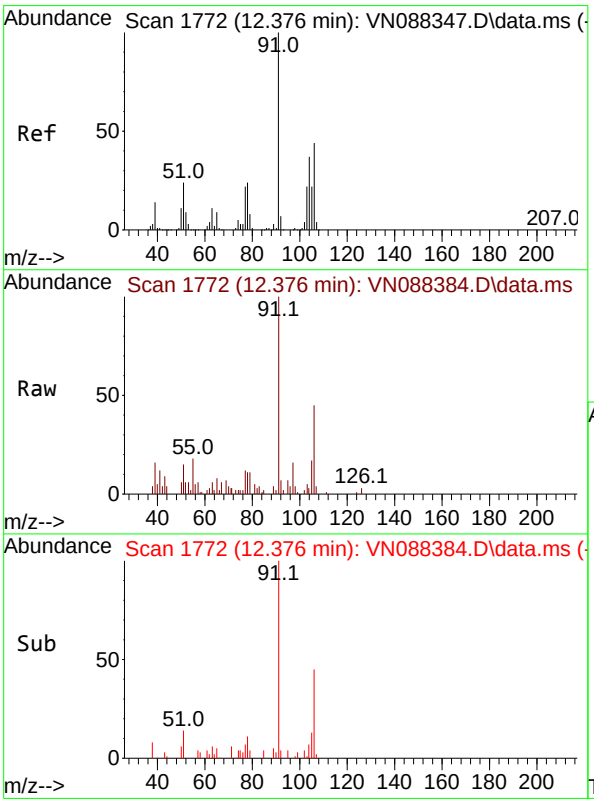
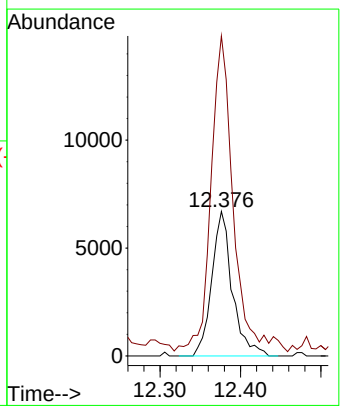


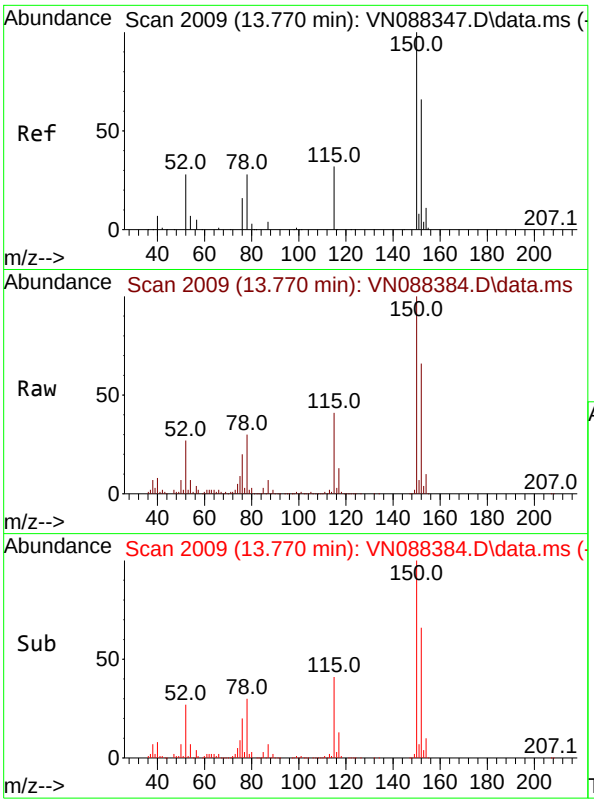


#69
o-Xylene
Concen: 1.748 ug/l m
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:106 Resp: 11871

Ion	Ratio	Lower	Upper
106	100		
91	0.0	112.9	338.7#

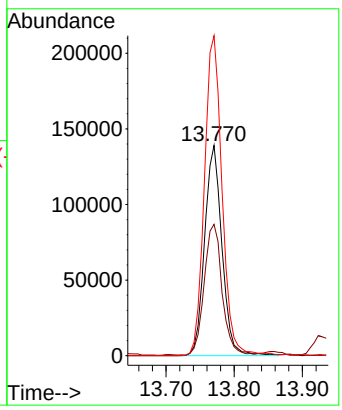




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:152 Resp: 24657

Ion	Ratio	Lower	Upper
152	100		
115	63.6	33.0	98.9
150	154.8	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
MW5

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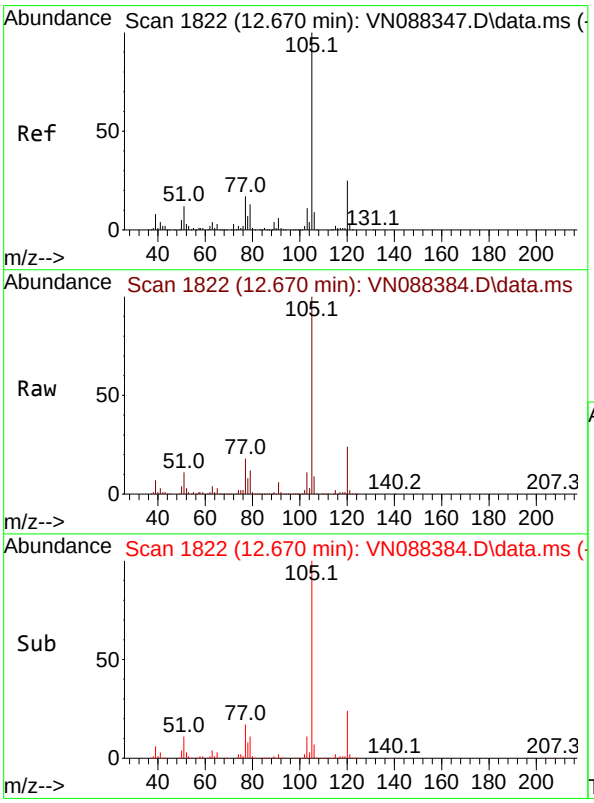
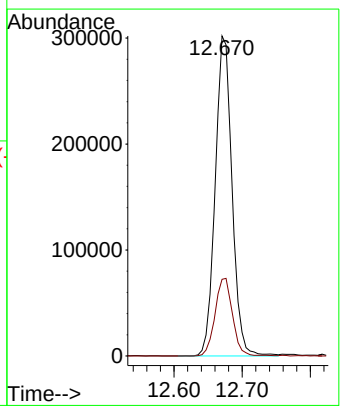
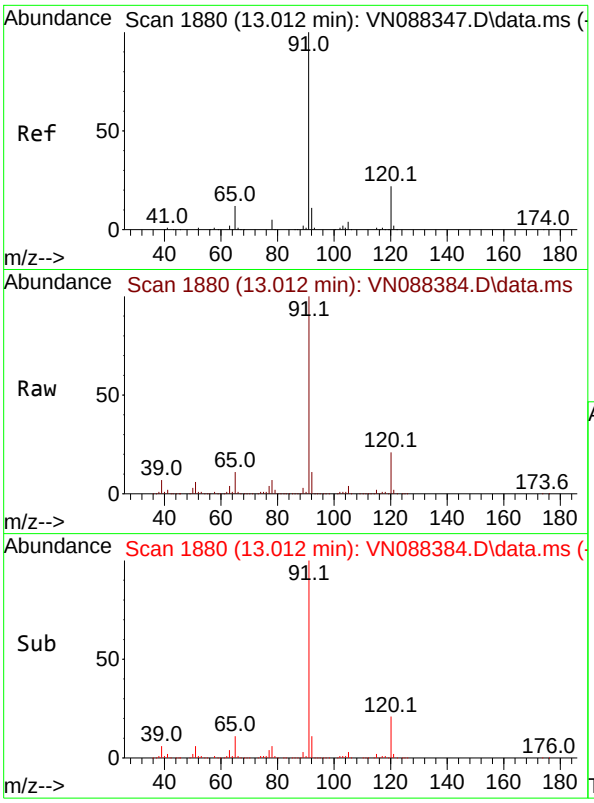


#73
Isopropylbenzene
Concen: 28.438 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:105 Resp: 518465

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.3





#78
n-propylbenzene
Concen: 55.686 ug/l
RT: 13.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 91 Resp: 124200

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.9	32.6

Instrument :
MSVOA_N
ClientSampleId :
MW5

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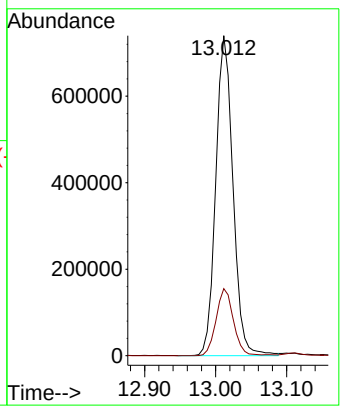
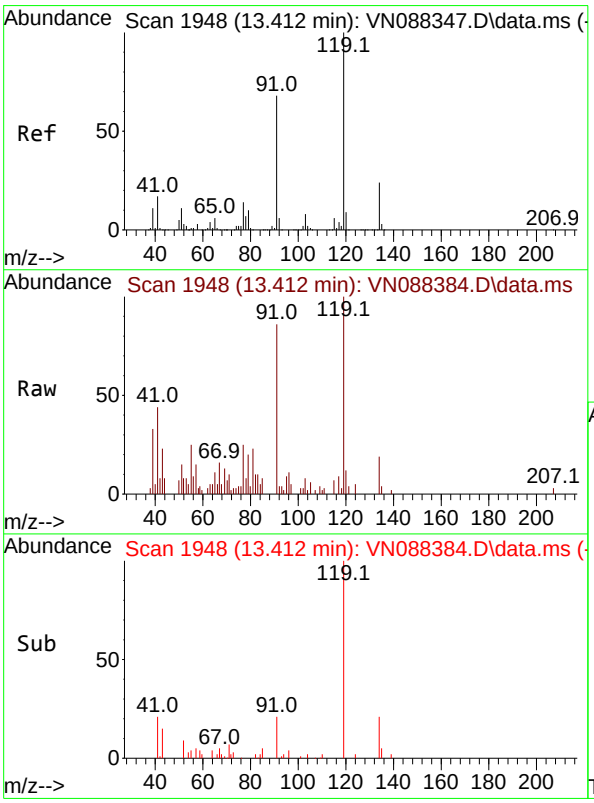
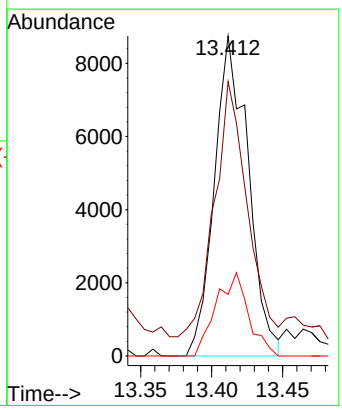


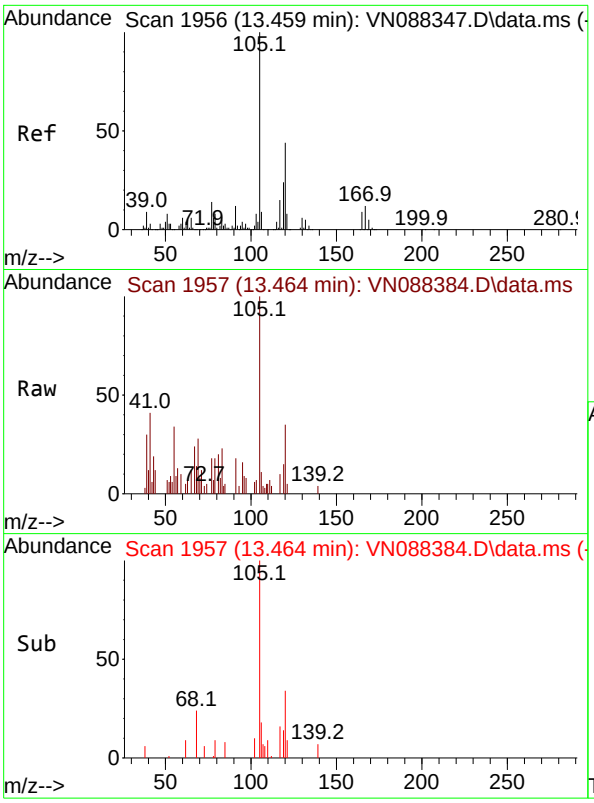


#83
tert-Butylbenzene
Concen: 1.127 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:119 Resp: 14471

Ion	Ratio	Lower	Upper
119	100		
91	75.8	35.1	105.3
134	25.0	12.8	38.4





#84
1,2,4-Trimethylbenzene
Concen: 0.600 ug/l
RT: 13.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:105 Resp: 900

Ion	Ratio	Lower	Upper
105	100		
120	38.5	22.1	66.1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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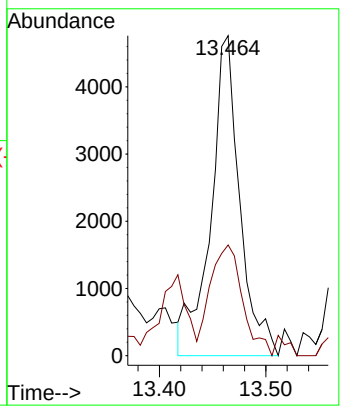
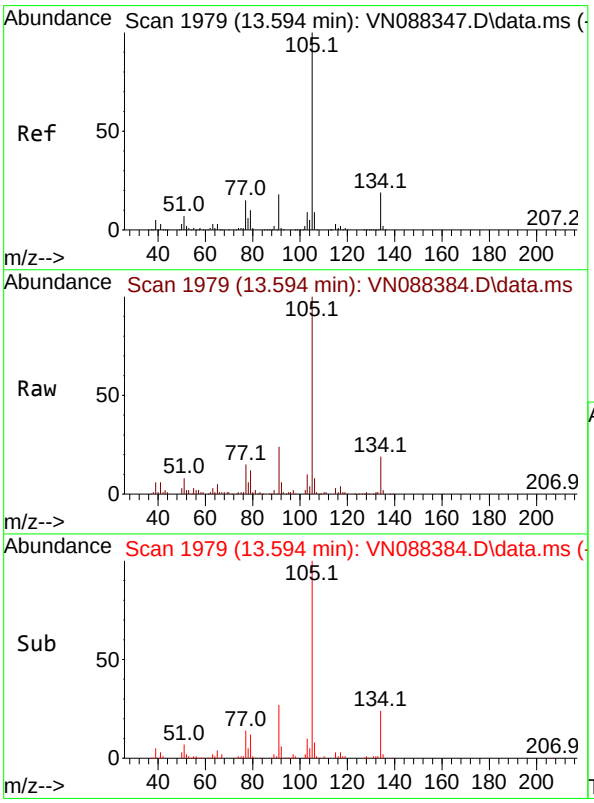
Supervised By :Mahesh Dadoda 12/02/2025

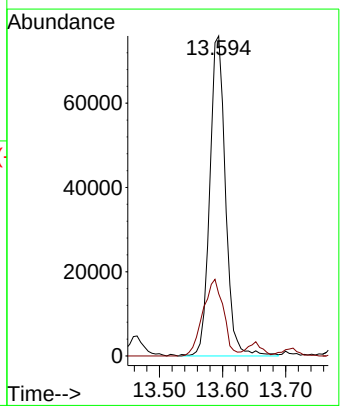


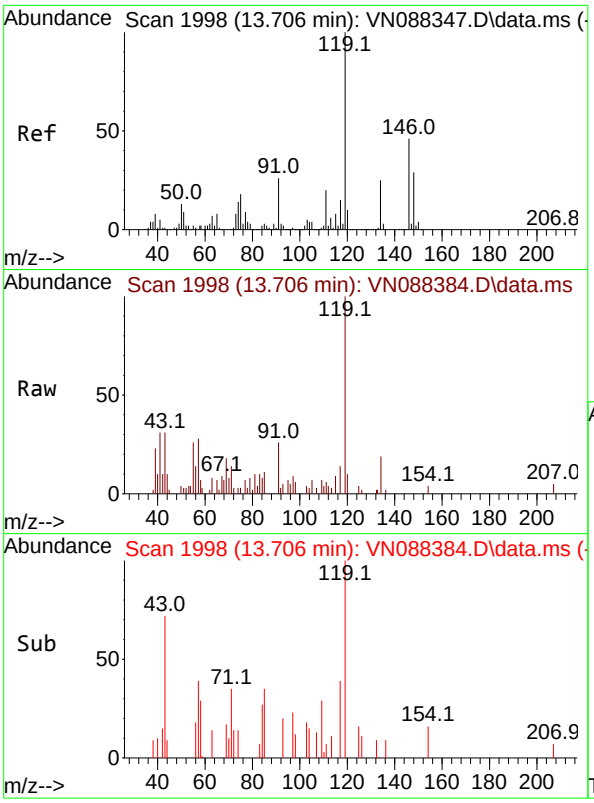


#85
sec-Butylbenzene
Concen: 7.118 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:105 Resp: 131324

Ion	Ratio	Lower	Upper
105	100		
134	31.2	9.5	28.5#

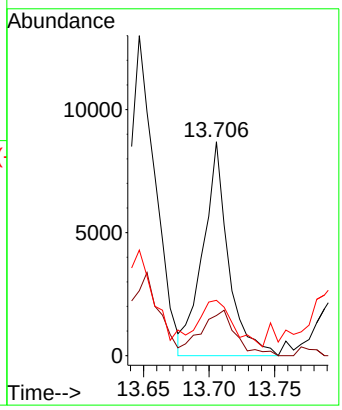




#86
p-Isopropyltoluene
Concen: 0.774 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion:119 Resp: 1170

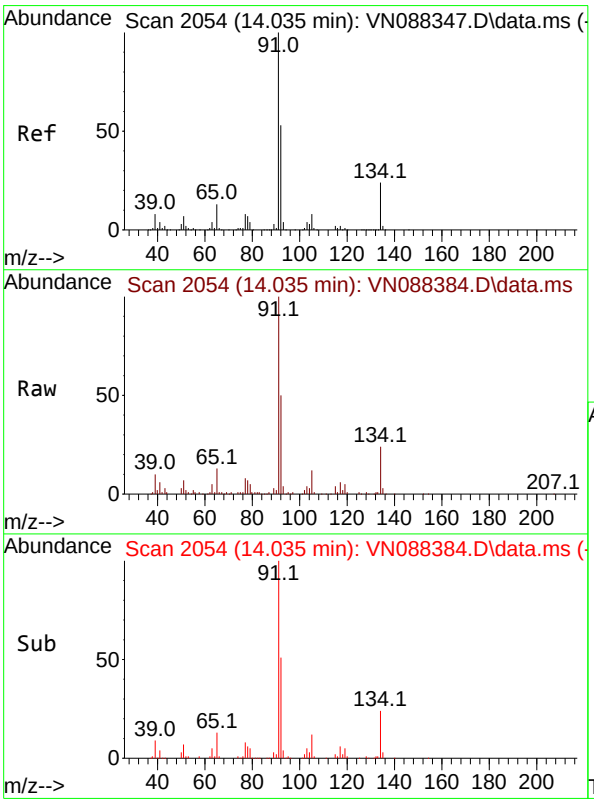
Ion	Ratio	Lower	Upper
119	100		
134	29.1	12.2	36.6
91	28.2	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations
APPROVED

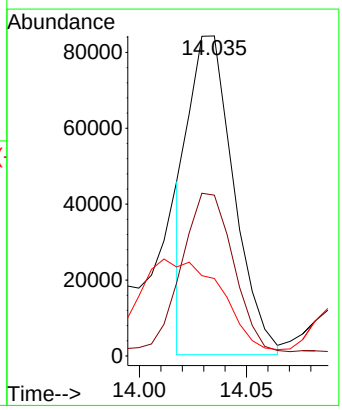
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#89
n-Butylbenzene
Concen: 8.375 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088384.D
Acq: 01 Dec 2025 15:35

Tgt Ion: 91 Resp: 123015

Ion	Ratio	Lower	Upper
91	100		
92	57.8	26.1	78.3
134	0.0	11.7	35.1#



Sample Results: **VN088384.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	91	99	107	rVB	43821	83305	1.64%	0.105%
2	3.271	212	224	236	rBV	417966	1038913	20.41%	1.311%
3	3.659	280	290	305	rBV	329850	857727	16.85%	1.082%
4	4.147	363	373	384	rBV2	126942	361281	7.10%	0.456%
5	4.412	408	418	419	rBV3	39824	67984	1.34%	0.086%
6	5.147	526	543	552	rBV7	38604	159057	3.12%	0.201%
7	5.336	552	575	609	rVB3	592363	3262804	64.10%	4.117%
8	5.806	637	655	676	rBV2	530707	1849392	36.33%	2.333%
9	6.294	727	738	754	rBV2	92105	295583	5.81%	0.373%
10	6.641	781	797	810	rBV2	142880	435223	8.55%	0.549%
11	6.777	810	820	830	rBV4	59182	186986	3.67%	0.236%
12	7.065	859	869	884	rBV4	77297	228643	4.49%	0.288%
13	7.200	884	892	899	rBV3	31759	85731	1.68%	0.108%
14	7.312	899	911	935	rVV	1410595	4232181	83.14%	5.340%
15	7.918	1006	1014	1018	rBV3	34434	85788	1.69%	0.108%
16	7.988	1018	1026	1035	rVB	175274	425777	8.36%	0.537%
17	8.147	1044	1053	1057	rBV2	255735	601939	11.83%	0.759%
18	8.235	1057	1068	1077	rVV3	945662	3486956	68.50%	4.400%
19	8.312	1077	1081	1091	rVB4	178838	421758	8.29%	0.532%
20	8.424	1091	1100	1107	rBV	270643	638299	12.54%	0.805%
21	8.494	1107	1112	1117	rVV	115123	268138	5.27%	0.338%
22	8.582	1117	1127	1138	rVV3	659732	2027928	39.84%	2.559%
23	8.700	1138	1147	1154	rVV5	387700	1115618	21.92%	1.408%
24	8.771	1154	1159	1164	rVV	346880	782173	15.37%	0.987%
25	8.835	1164	1170	1179	rVV2	392503	938995	18.45%	1.185%
26	8.918	1179	1184	1195	rVB7	42539	125998	2.48%	0.159%
27	9.082	1202	1212	1219	rBV3	834281	1927057	37.86%	2.431%
28	9.241	1234	1239	1245	rVB2	34909	66805	1.31%	0.084%
29	9.318	1245	1252	1255	rVV2	70161	144964	2.85%	0.183%
30	9.365	1255	1260	1270	rVB	83644	189580	3.72%	0.239%
31	9.576	1279	1296	1313	rBV	1462516	3772519	74.11%	4.760%
32	9.759	1313	1327	1333	rBV	237462	497475	9.77%	0.628%
33	9.847	1333	1342	1347	rVB2	64055	131131	2.58%	0.165%
34	9.982	1362	1365	1374	rVB4	84400	167777	3.30%	0.212%
35	10.082	1374	1382	1387	rBV	363708	711128	13.97%	0.897%
36	10.129	1387	1390	1395	rVV4	52752	94746	1.86%	0.120%

Sample Results: **VN088384.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

37	10.182	1395	1399	1403	rVV3	52071	79680	1.57%	0.101%
38	10.318	1413	1422	1434	rBV5	78544	220622	4.33%	0.278%
39	10.429	1434	1441	1453	rVB2	248094	534974	10.51%	0.675%
40	10.547	1453	1461	1467	rBV	1129311	2213419	43.48%	2.793%
41	10.735	1485	1493	1504	rVB6	137647	388131	7.63%	0.490%
42	10.888	1513	1519	1525	rBV3	119531	218131	4.29%	0.275%
43	10.959	1525	1531	1542	rVB4	165474	464393	9.12%	0.586%
44	11.059	1542	1548	1555	rVB8	30084	74082	1.46%	0.093%
45	11.147	1555	1563	1569	rBV5	31990	80423	1.58%	0.101%
46	11.235	1569	1578	1581	rBV6	54864	125630	2.47%	0.159%
47	11.359	1595	1599	1601	rVV4	44545	66075	1.30%	0.083%
48	11.394	1601	1605	1611	rVB	104451	177530	3.49%	0.224%
49	11.447	1611	1614	1619	rVB2	51982	80207	1.58%	0.101%
50	11.618	1637	1643	1646	rBV2	29822	54941	1.08%	0.069%
51	11.653	1646	1649	1656	rVB6	34966	67799	1.33%	0.086%
52	11.841	1674	1681	1689	rBV	903211	1696753	33.33%	2.141%
53	11.941	1693	1698	1708	rVB	160138	281167	5.52%	0.355%
54	12.047	1708	1716	1721	rBV	105957	236641	4.65%	0.299%
55	12.353	1761	1768	1769	rBV4	36427	62283	1.22%	0.079%
56	12.559	1791	1803	1807	rBV6	62273	176608	3.47%	0.223%
57	12.670	1815	1822	1833	rBV	762117	1334593	26.22%	1.684%
58	12.829	1842	1849	1858	rBV	681314	1252678	24.61%	1.581%
59	13.012	1873	1880	1892	rBV	1534971	2577079	50.63%	3.252%
60	13.112	1892	1897	1901	rBV2	41894	65642	1.29%	0.083%
61	13.312	1923	1931	1937	rBV	176087	341780	6.71%	0.431%
62	13.412	1944	1948	1954	rVB4	38955	75690	1.49%	0.095%
63	13.588	1968	1978	1984	rBV3	221214	514239	10.10%	0.649%
64	13.653	1984	1989	1993	rBV5	49921	81609	1.60%	0.103%
65	13.770	2002	2009	2019	rBV	895971	1664626	32.70%	2.100%
66	13.859	2019	2024	2029	rVB	75416	134685	2.65%	0.170%
67	13.929	2029	2036	2038	rBV	589356	927770	18.23%	1.171%
68	13.970	2038	2043	2048	rVB	1557597	2308593	45.35%	2.913%
69	14.094	2059	2064	2070	rBV2	190494	302829	5.95%	0.382%
70	14.223	2082	2086	2093	rVB3	40588	62066	1.22%	0.078%
71	14.306	2093	2100	2106	rBV	1682071	2674168	52.54%	3.374%
72	14.370	2106	2111	2114	rVV	341838	561027	11.02%	0.708%
73	14.417	2114	2119	2126	rVB2	1244884	2201465	43.25%	2.778%
74	14.482	2126	2130	2137	rVB4	65123	105604	2.07%	0.133%
75	14.553	2137	2142	2146	rBV	86396	138431	2.72%	0.175%
76	14.629	2146	2155	2163	rVB	1090549	1907121	37.47%	2.406%

Sample Results: **VN088384.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

77	14.706	2163	2168	2172	rBV	136529	205013	4.03%	0.259%
78	14.776	2172	2180	2184	rBV2	85900	145632	2.86%	0.184%
79	14.853	2184	2193	2196	rBV3	74516	153604	3.02%	0.194%
80	14.900	2196	2201	2207	rBV	916000	1534016	30.14%	1.935%
81	15.023	2213	2222	2228	rBV3	1871565	4565815	89.70%	5.761%
82	15.070	2228	2230	2243	rVB3	187381	428341	8.42%	0.540%
83	15.182	2244	2249	2255	rVV3	100170	178307	3.50%	0.225%
84	15.288	2256	2267	2272	rVV3	536995	1367076	26.86%	1.725%
85	15.335	2272	2275	2280	rVV	276255	486667	9.56%	0.614%
86	15.411	2280	2288	2296	rVB2	488349	1236905	24.30%	1.561%
87	15.511	2301	2305	2308	rVV3	47903	75203	1.48%	0.095%
88	15.564	2308	2314	2321	rVB5	134216	263451	5.18%	0.332%
89	15.670	2326	2332	2336	rBV	207090	408286	8.02%	0.515%
90	15.723	2336	2341	2344	rBV3	142884	273981	5.38%	0.346%
91	15.911	2365	2373	2382	rBV	338980	753926	14.81%	0.951%
92	15.994	2382	2387	2394	rVV	56400	132191	2.60%	0.167%
93	16.094	2396	2404	2407	rVV2	274265	629601	12.37%	0.794%
94	16.135	2407	2411	2420	rVB4	354257	748171	14.70%	0.944%
95	16.223	2420	2426	2432	rBV	129418	255718	5.02%	0.323%
96	16.311	2432	2441	2456	rVB3	229658	787986	15.48%	0.994%
97	16.470	2458	2468	2480	rBV3	307214	837431	16.45%	1.057%
98	16.582	2483	2487	2492	rVB4	39422	66991	1.32%	0.085%
99	16.682	2495	2504	2507	rBV4	139331	334181	6.57%	0.422%
100	16.747	2507	2515	2522	rBV	2290686	5090167	100.00%	6.422%

Sum of corrected areas: 79257203

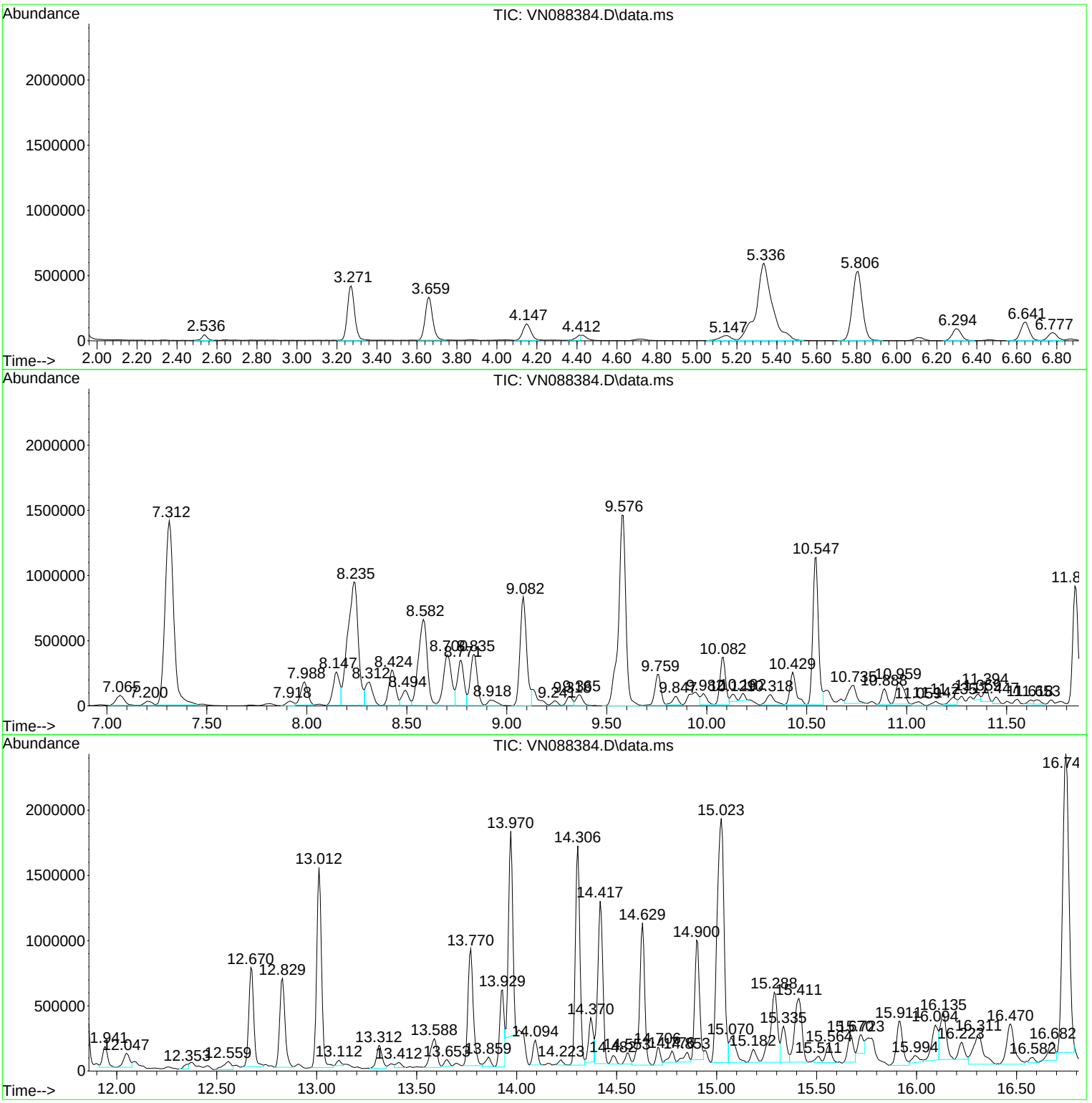
Sample Results: **VN088384.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

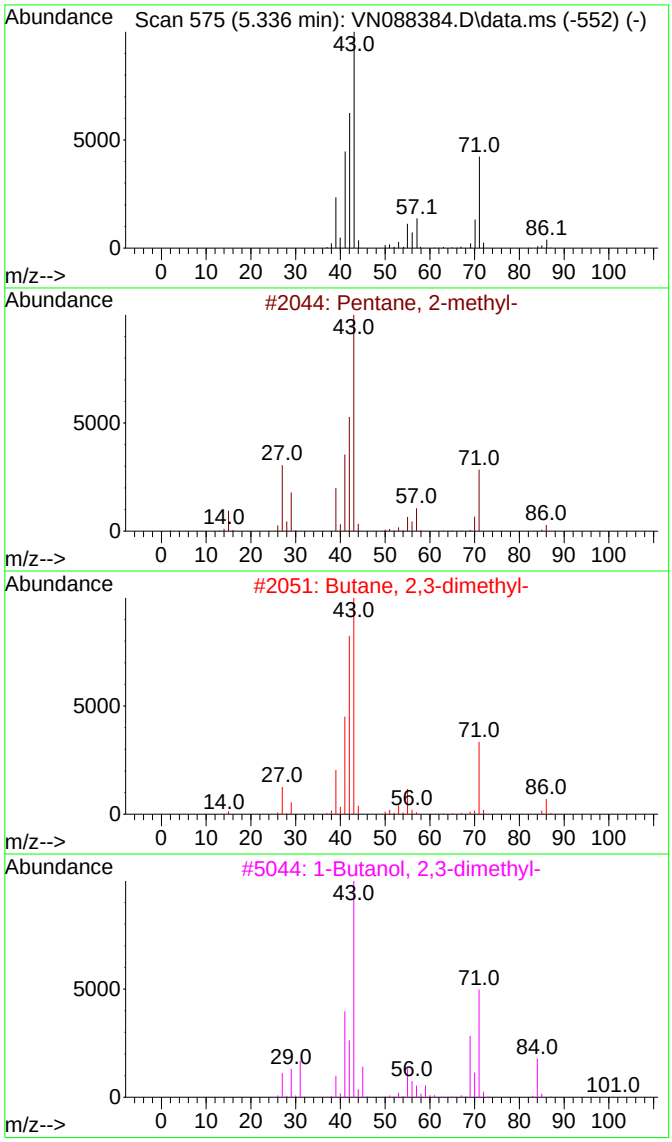
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

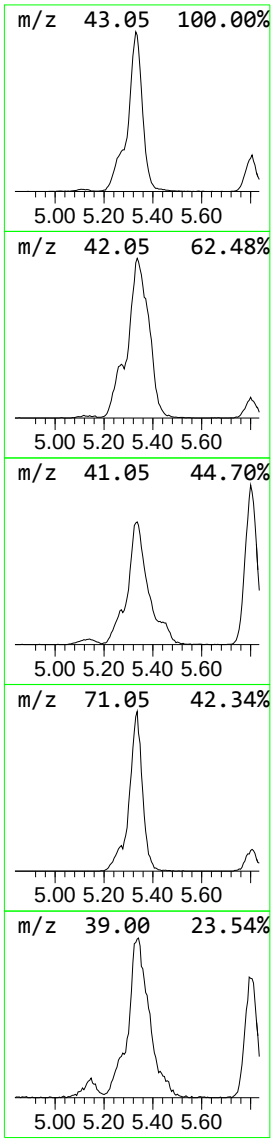
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.336	46.79 ug/l	3262800	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	43
5	N-Vinylformamide	71	C3H5NO	013162-05-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

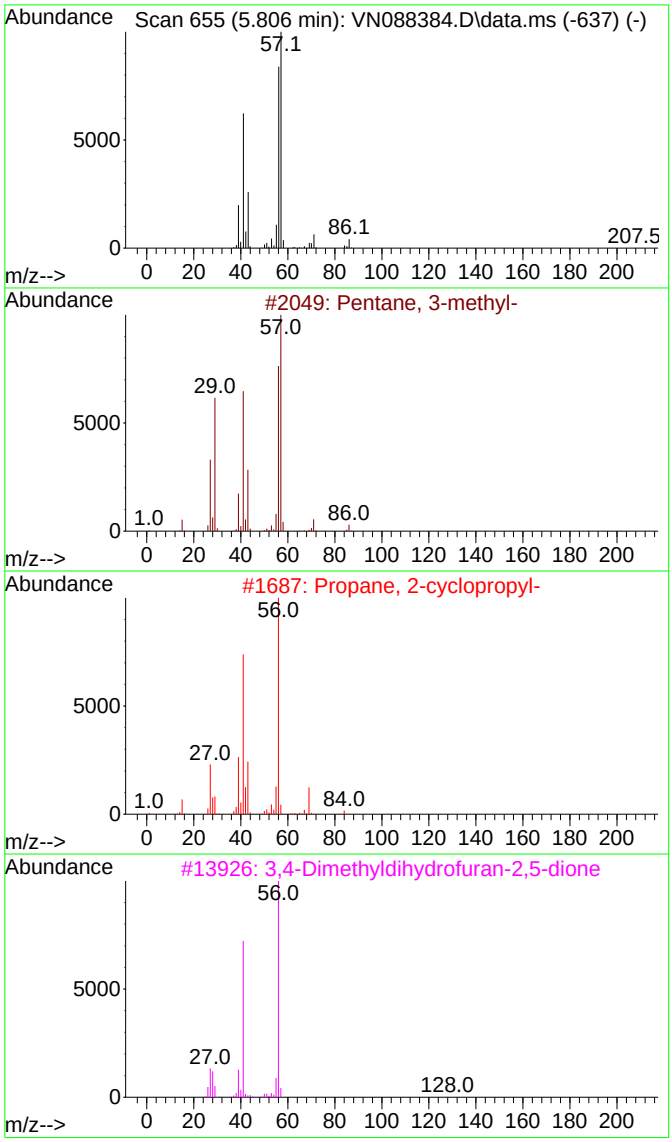
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

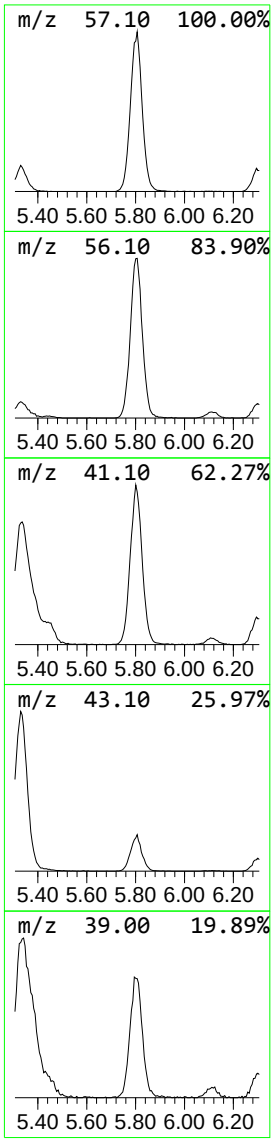
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.806	26.52 ug/l	1849390	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
5	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

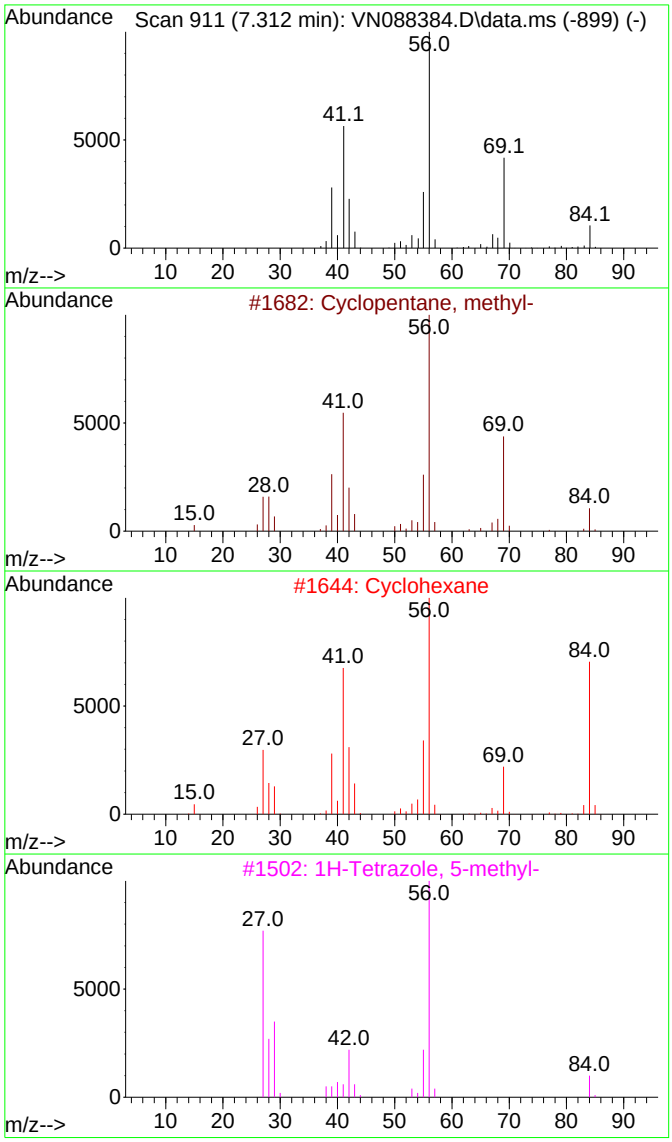
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

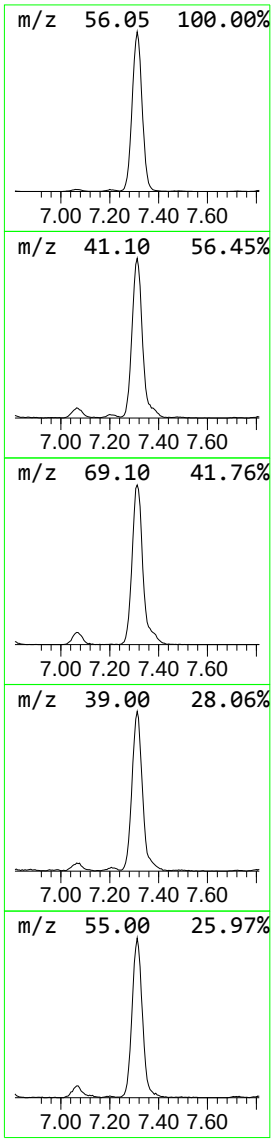
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	60.69 ug/l	4232180	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

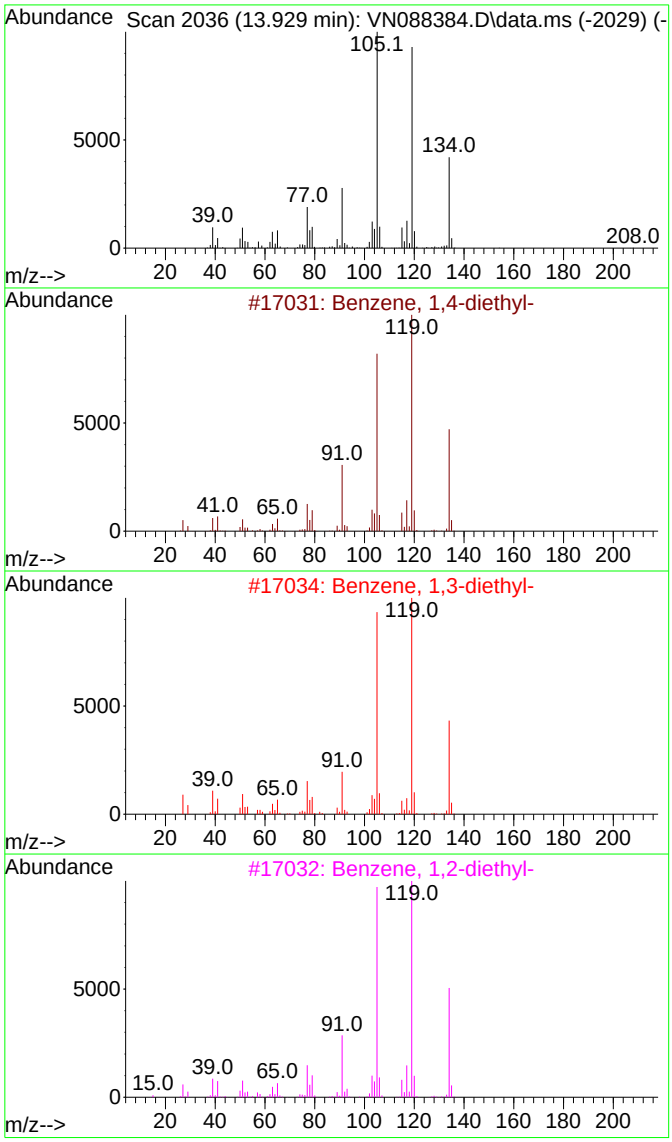
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

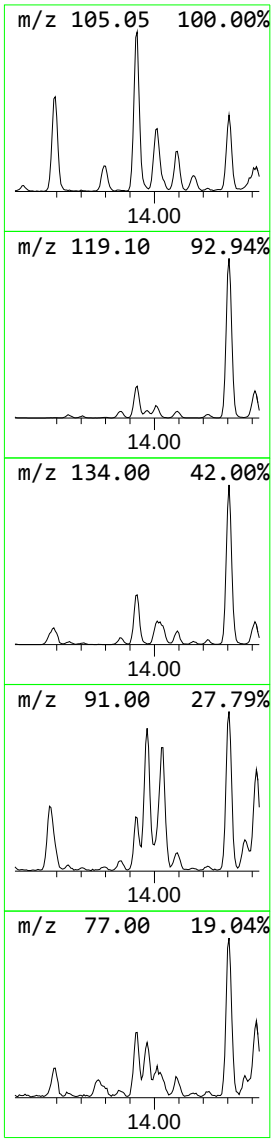
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	27.87 ug/l	927770	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

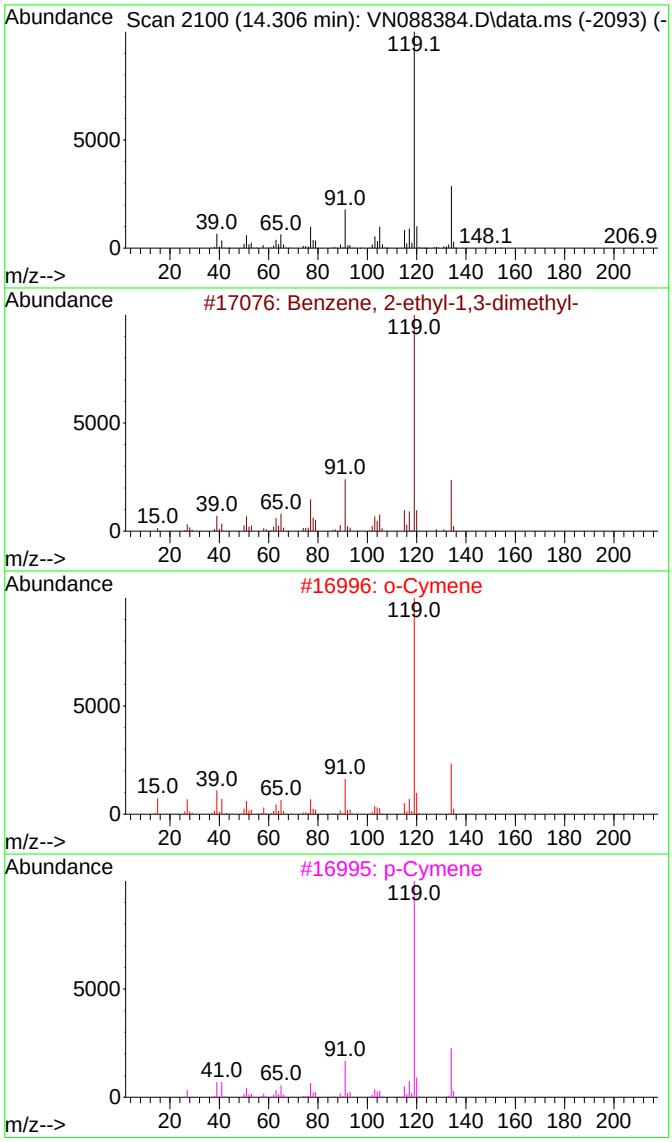
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

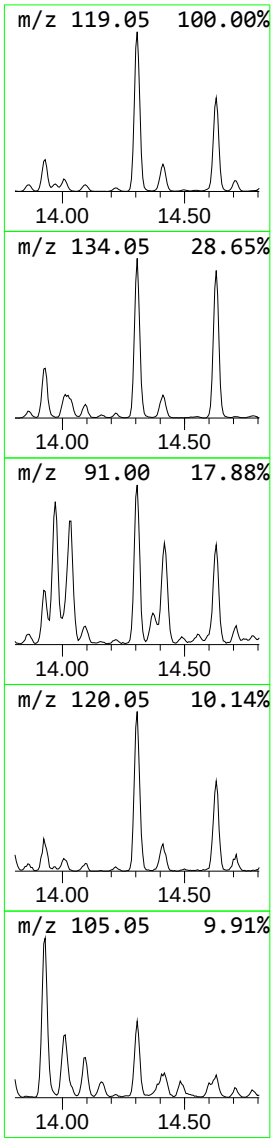
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	80.32 ug/l	2674170	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

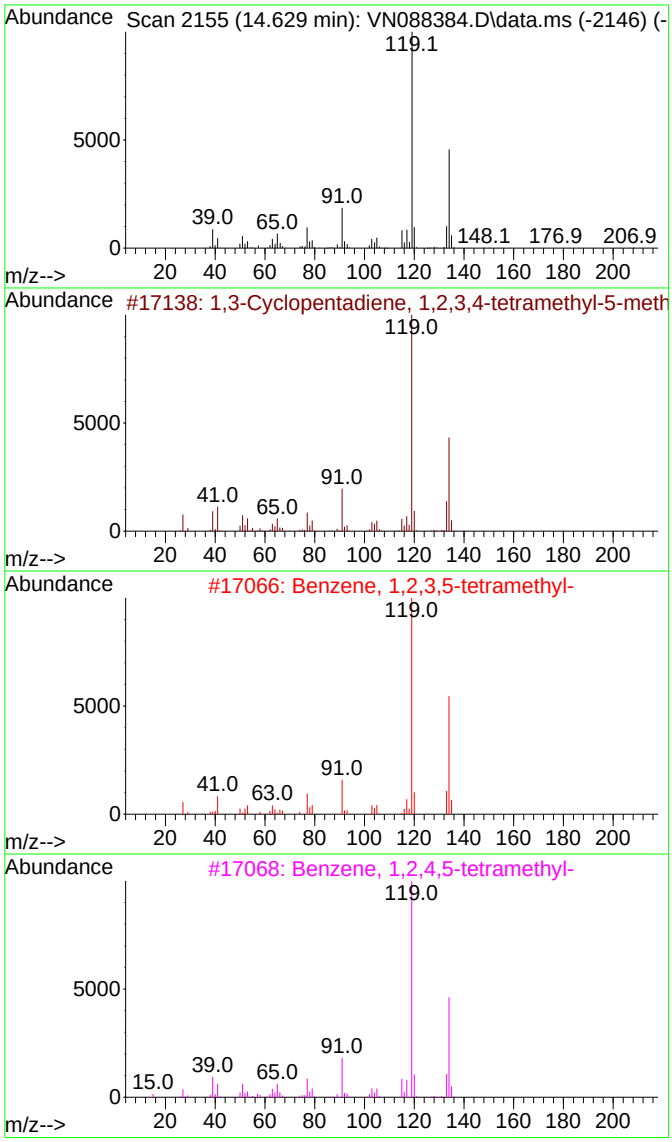
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

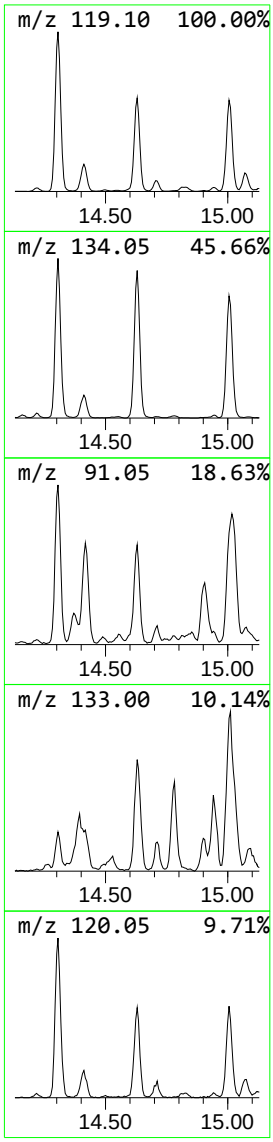
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	57.28 ug/l	1907120	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

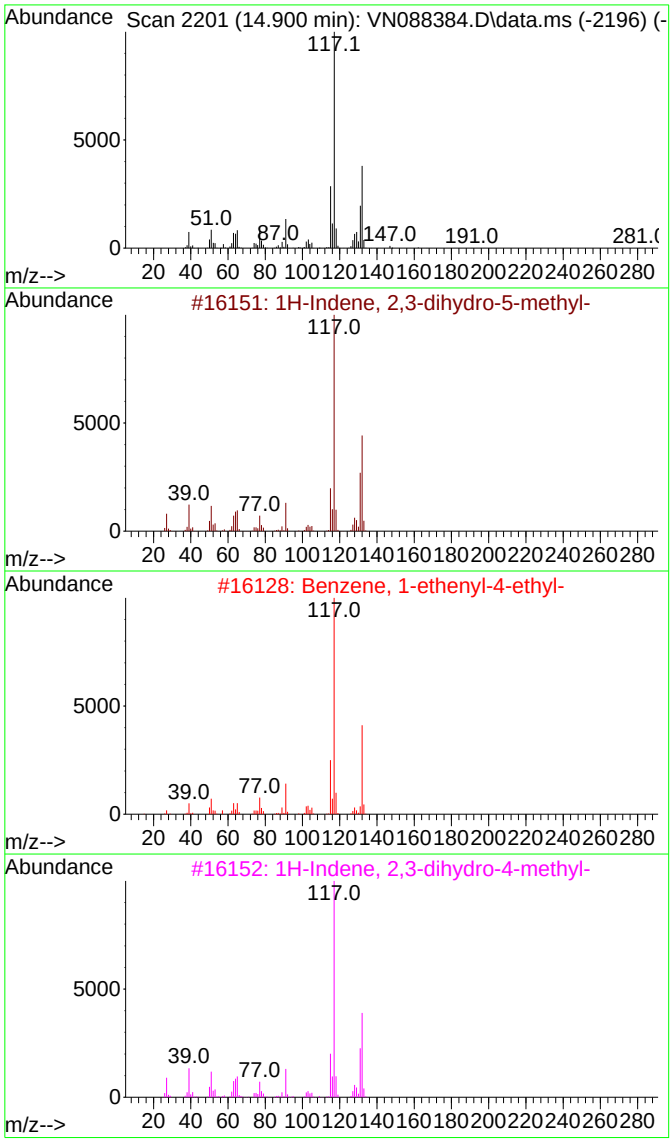
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

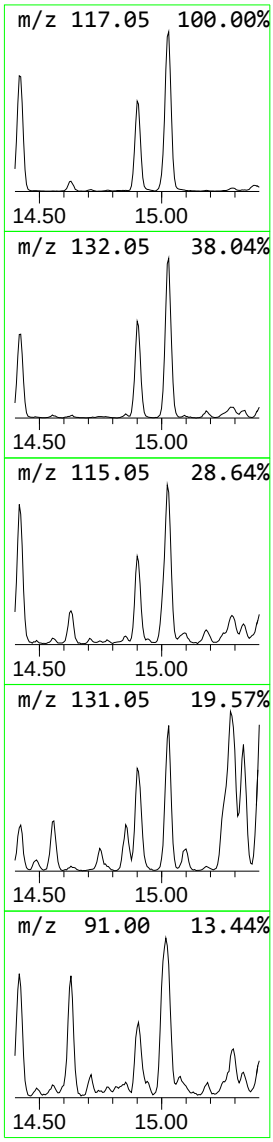
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	46.08 ug/l	1534020	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

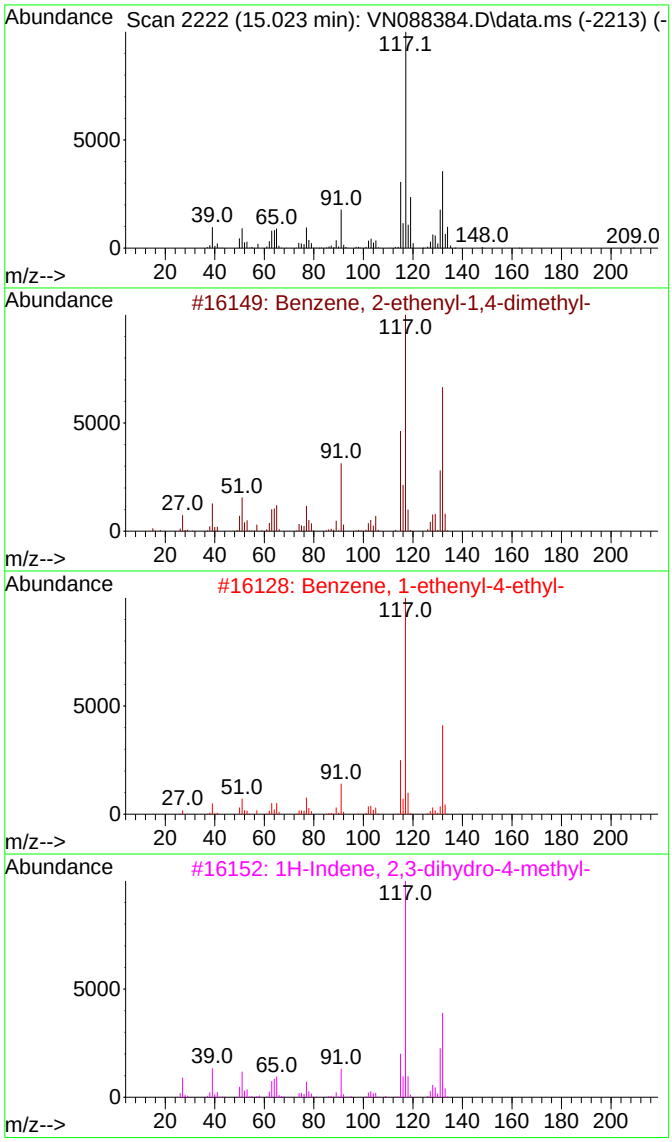
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

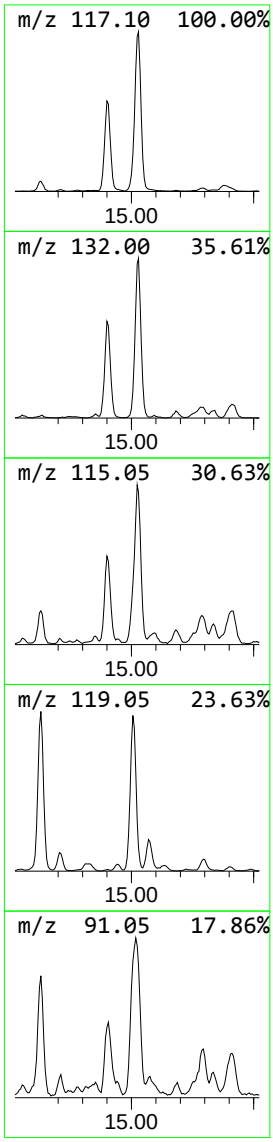
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	137.14 ug/l	4565820	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

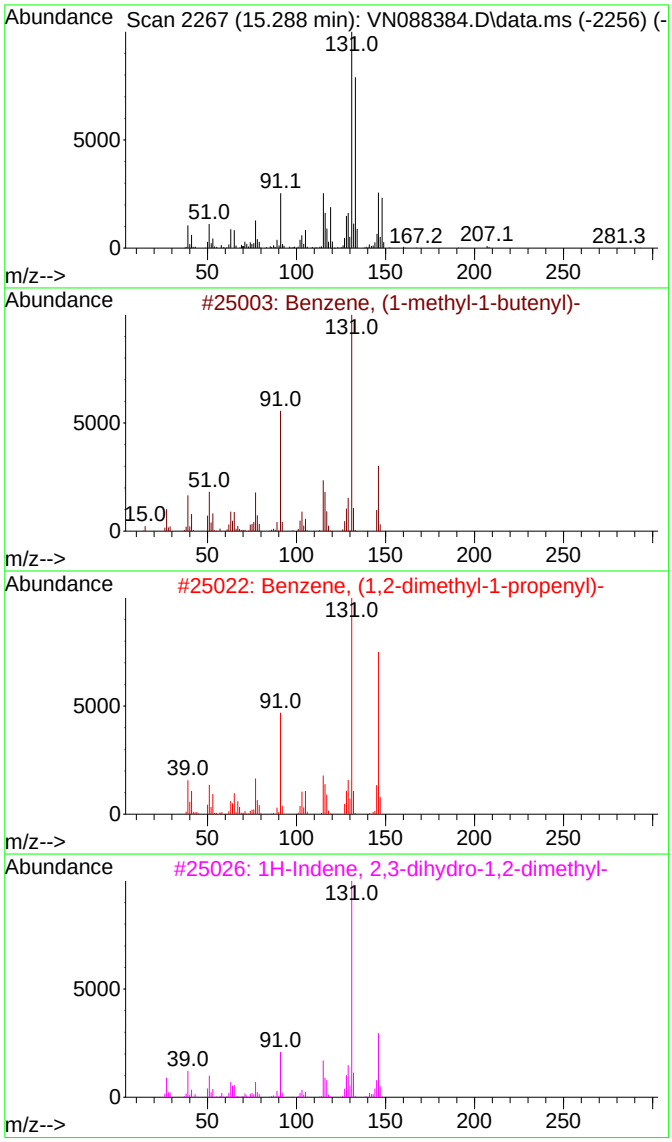
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

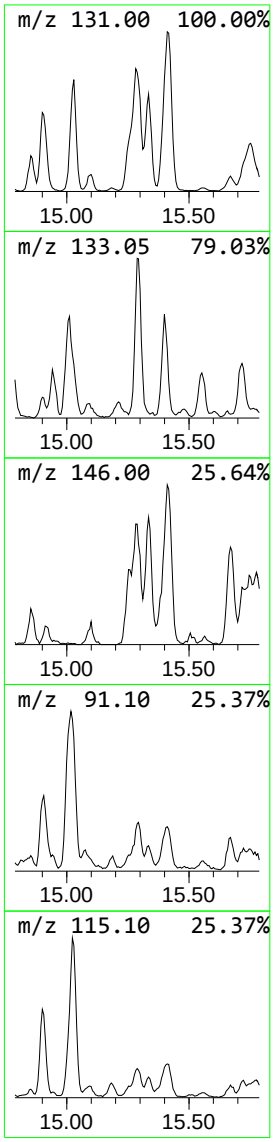
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	41.06 ug/l	1367080	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	60





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Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

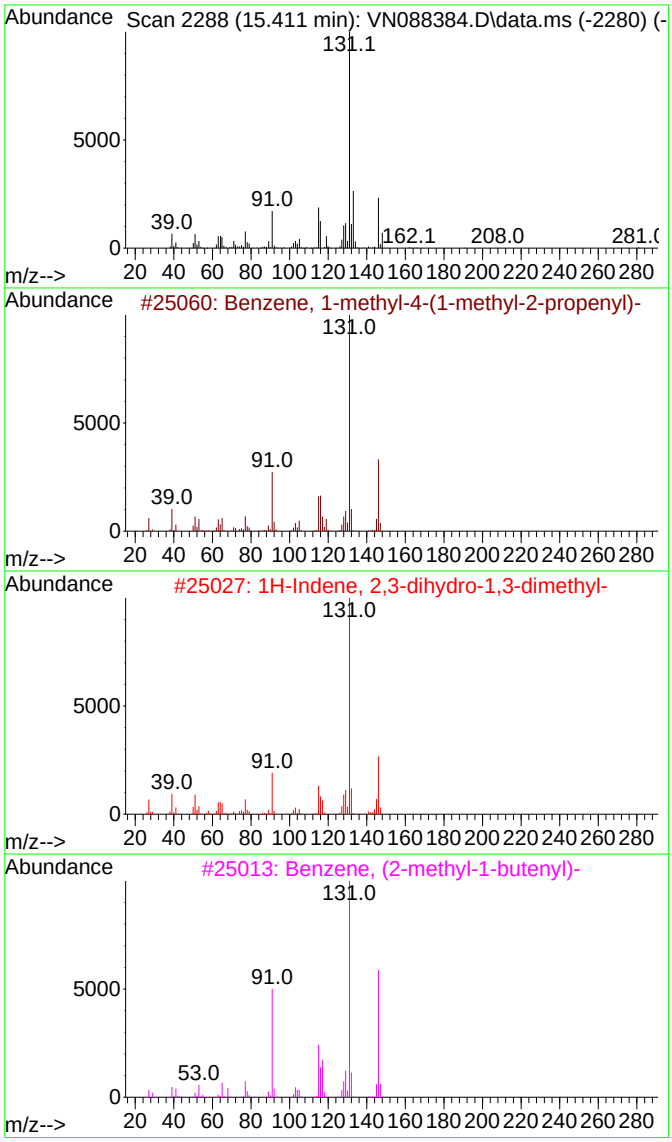
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

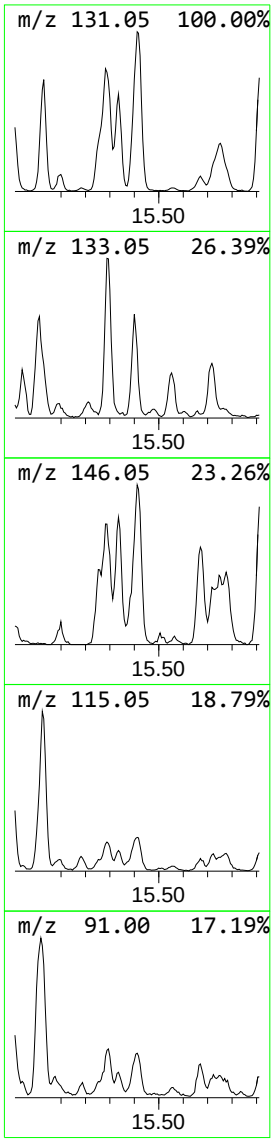
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.411	37.15 ug/l	1236910	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

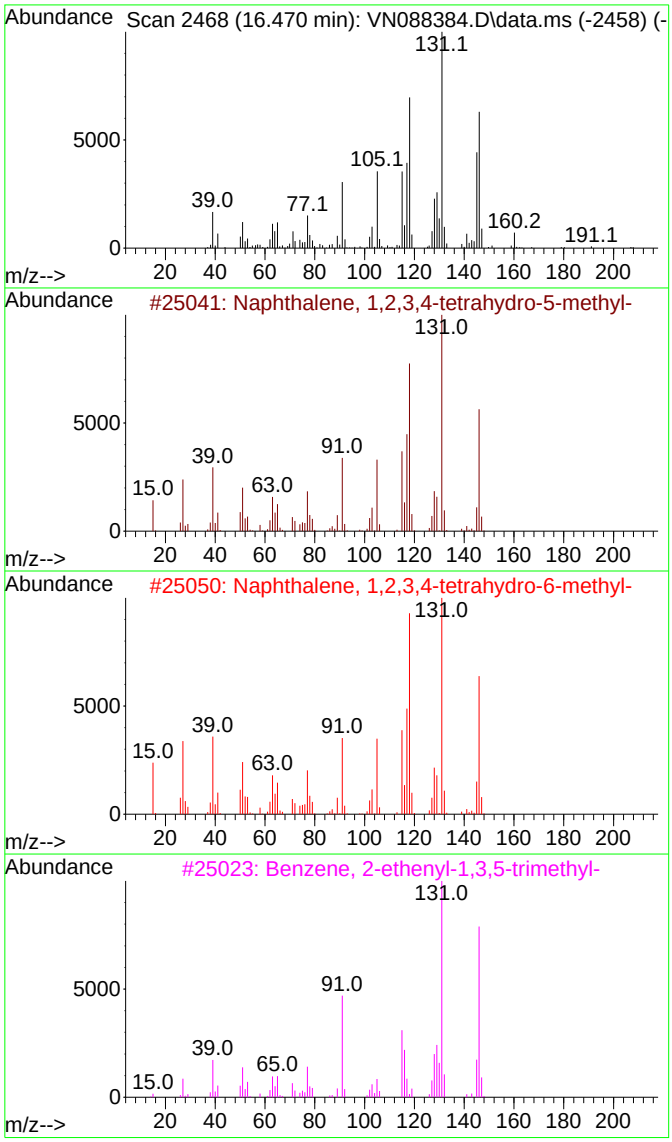
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

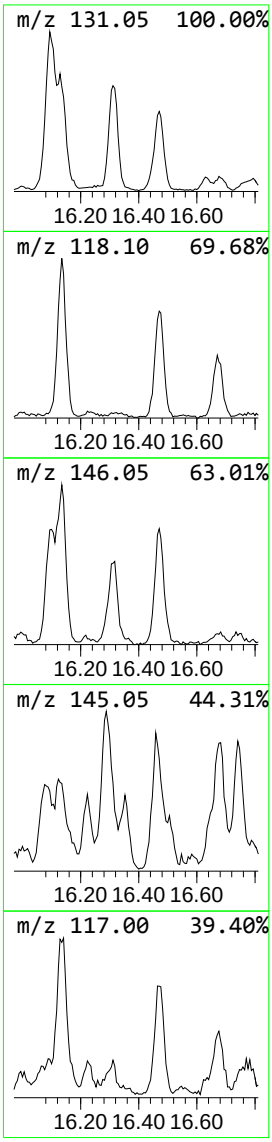
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	25.15 ug/l	837431	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088384.D
Acq On : 01 Dec 2025 15:35
Operator : JC\MD
Sample : Q3738-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-methyl-	5.336	46.8	ug/l	3262800	1	8.206	3486960	50.0
Pentane, 3-methyl-	5.806	26.5	ug/l	1849390	1	8.206	3486960	50.0
Cyclopentane, m...	7.312	60.7	ug/l	4232180	1	8.206	3486960	50.0
Benzene, 1,4-di...	13.929	27.9	ug/l	927770	4	13.770	1664630	50.0
Benzene, 2-ethy...	14.306	80.3	ug/l	2674170	4	13.770	1664630	50.0
1,3-Cyclopentad...	14.629	57.3	ug/l	1907120	4	13.770	1664630	50.0
1H-Indene, 2,3-...	14.900	46.1	ug/l	1534020	4	13.770	1664630	50.0
Benzene, 2-ethe...	15.023	137.1	ug/l	4565820	4	13.770	1664630	50.0
Benzene, (1-met...	15.288	41.1	ug/l	1367080	4	13.770	1664630	50.0
Benzene, 1-meth...	15.411	37.1	ug/l	1236910	4	13.770	1664630	50.0
Naphthalene, 1,...	16.470	25.1	ug/l	837431	4	13.770	1664630	50.0

Raw Data: **VN088383.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	Field			SDG No.:	Q3738
Lab Sample ID:	Q3738-03			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									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:15	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 15:15	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:15	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 15:15	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 15:15	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 15:15	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:15	VN120125
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/01/25 15:15	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:15	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 15:15	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:15	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:15	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 15:15	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 15:15	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:15	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:15	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 15:15	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 15:15	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:15	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:15	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:15	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:15	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:15	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:15	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:15	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:15	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 15:15	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:15	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:15	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 15:15	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 15:15	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 15:15	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:15	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:15	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 15:15	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 15:15	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:15	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:15	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 15:15	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 15:15	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 15:15	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 15:15	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:15	VN120125

Raw Data: **VN088383.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	ANN			Date Received:	11/26/25
Client Sample ID:	Field			SDG No.:	Q3738
Lab Sample ID:	Q3738-03			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
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:15	VN120125
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 15:15	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:15	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:15	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:15	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:15	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 15:15	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:15	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:15	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.8			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.3			70 (75) - 130 (124)	105%	SPK: 50		
2037-26-5	Toluene-d8	50.3			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.7			70 (77) - 130 (121)	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	181000							
540-36-3	1,4-Difluorobenzene	412000							
3114-55-4	Chlorobenzene-d5	400000							
3855-82-1	1,4-Dichlorobenzene-d4	186000							

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\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

Quant Time: Dec 02 00:15:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	180723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	412398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	400480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196906	57.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.680%			
35) Dibromofluoromethane	8.147	113	149370	52.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.547	98	534680	50.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.829	95	188661	51.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.420%			
Target Compounds						Qvalue

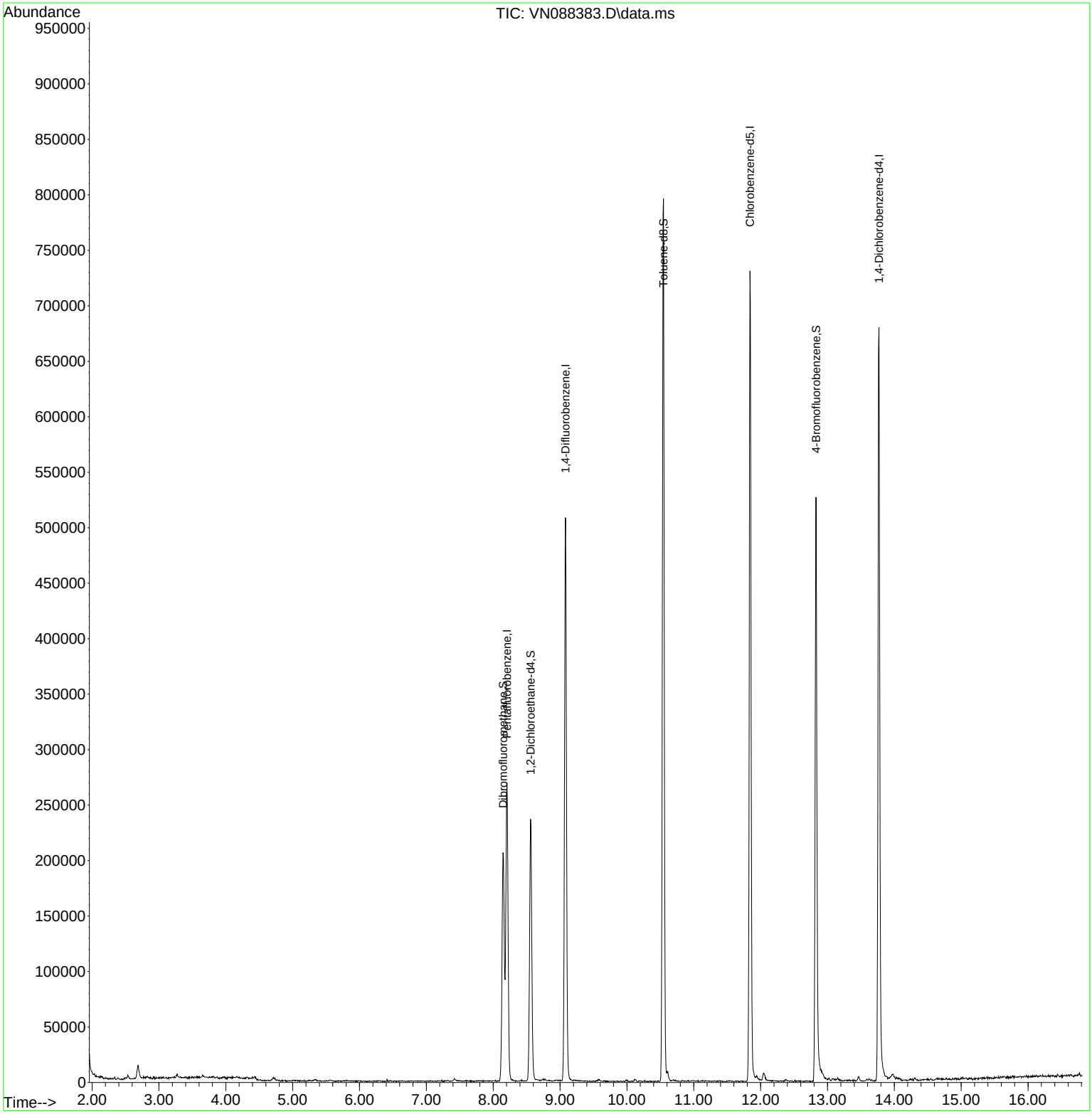
(#) = qualifier out of range (m) = manual integration (+) = signals summed

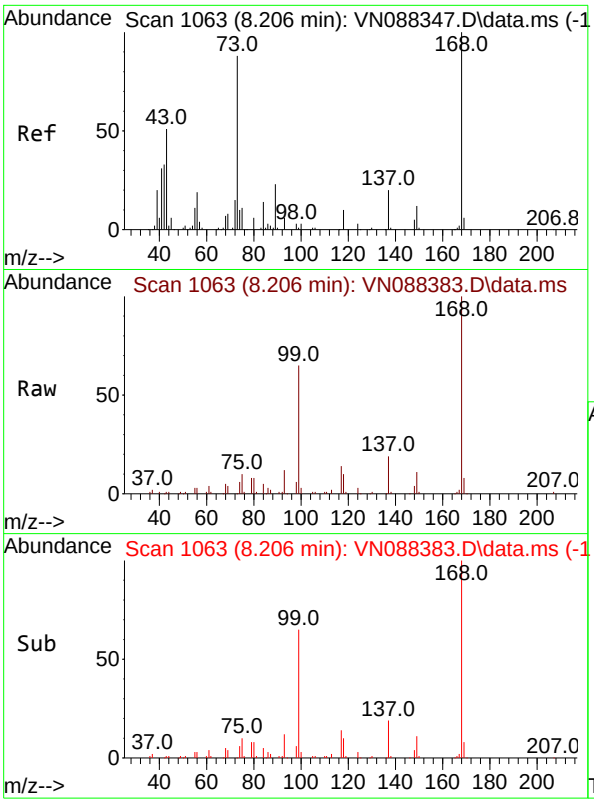
Sample Results: **VN088383.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

Quant Time: Dec 02 00:15:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



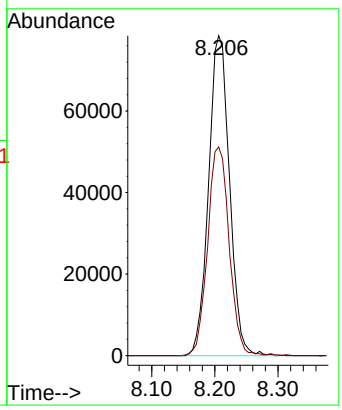


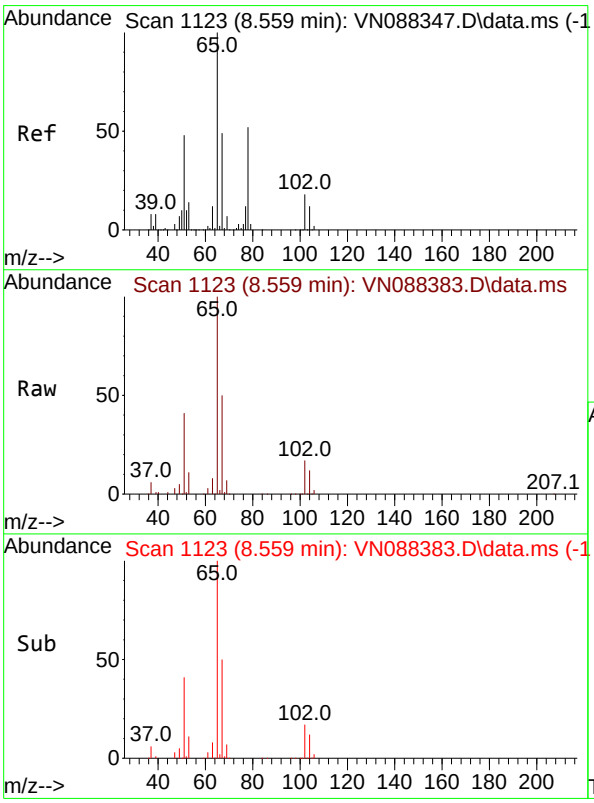
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
Field

Tgt Ion:168 Resp: 180723

Ion	Ratio	Lower	Upper
168	100		
99	65.2	57.1	85.7

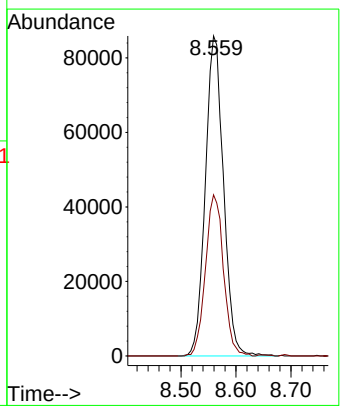


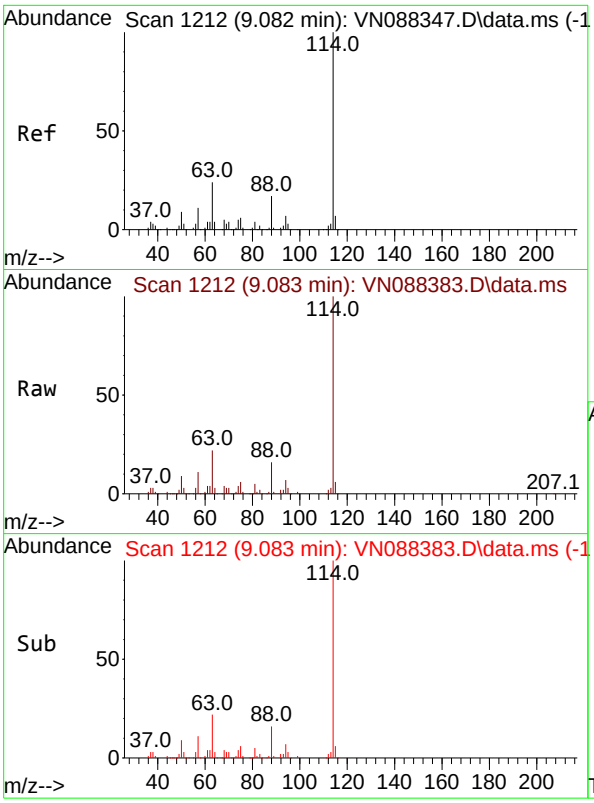


#33
1,2-Dichloroethane-d4
Concen: 57.838 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Tgt Ion: 65 Resp: 196906

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.8



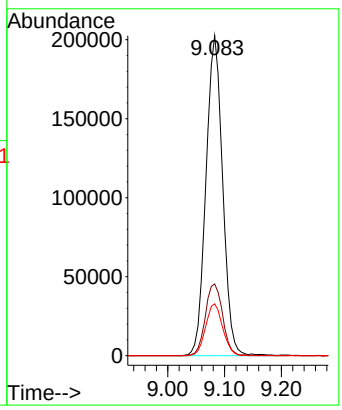


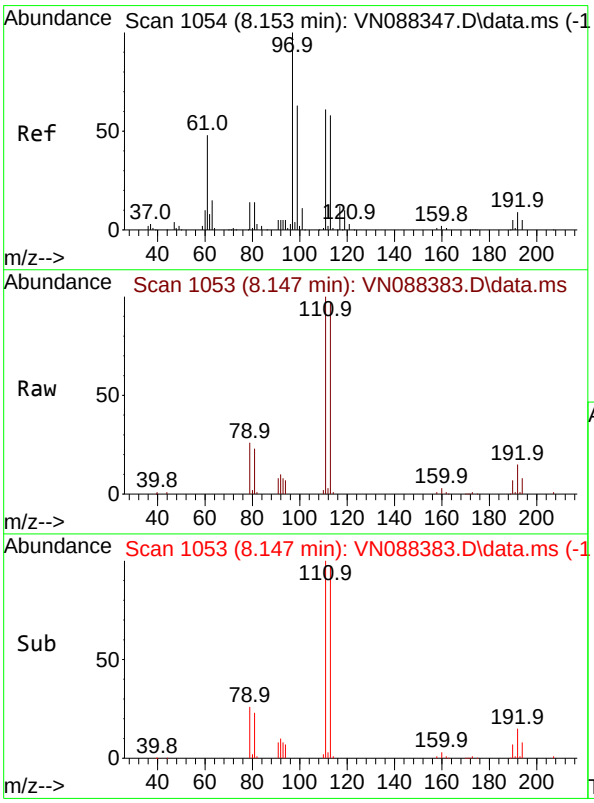
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
Field

Tgt Ion:114 Resp: 412398

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	49.0
88	16.2	0.0	34.0

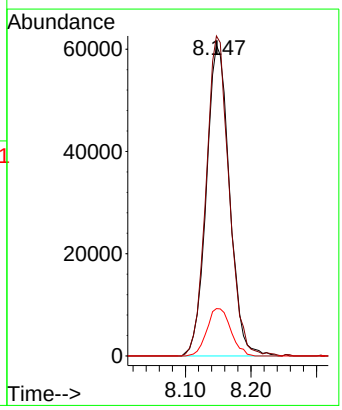


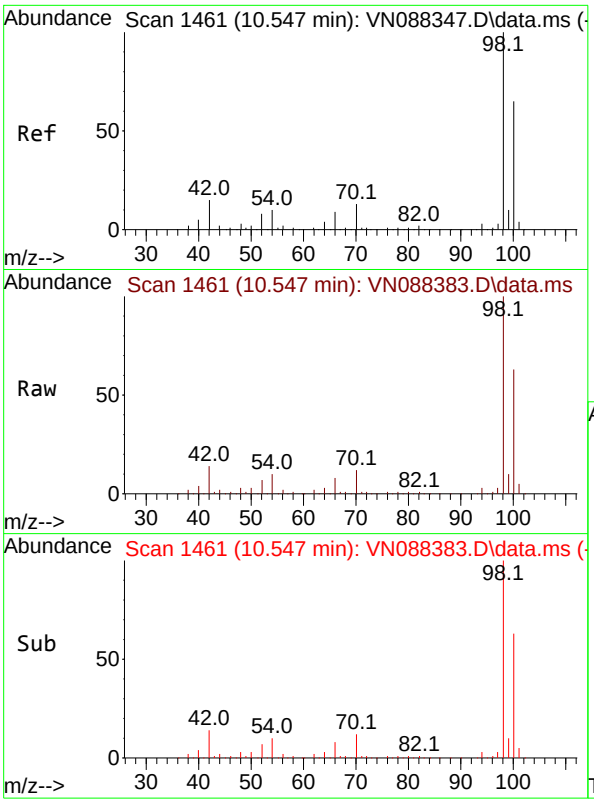


#35
Dibromofluoromethane
Concen: 52.266 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Tgt Ion:113 Resp: 149370

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.5	123.7
192	15.7	12.8	19.2



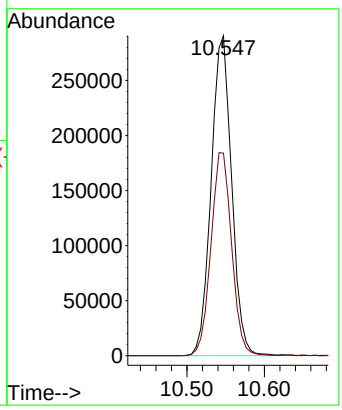


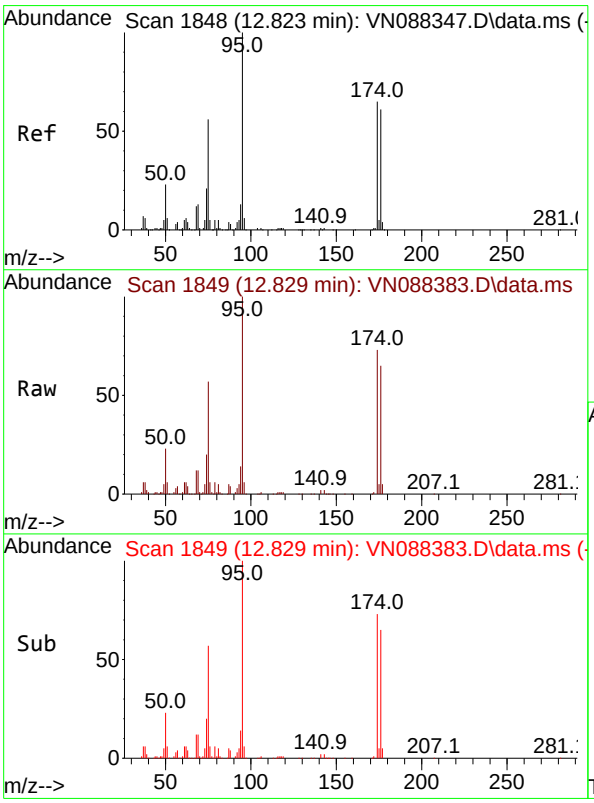
#50
Toluene-d8
Concen: 50.282 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
Field

Tgt Ion: 98 Resp: 534680

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2

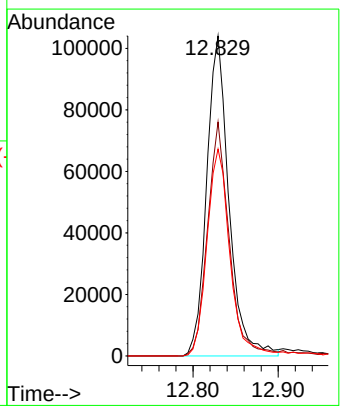


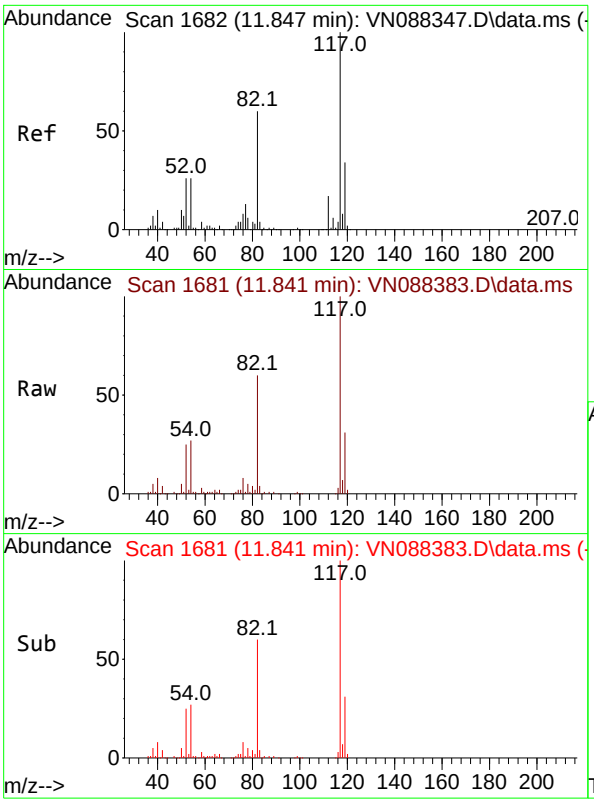


#62
4-Bromofluorobenzene
Concen: 51.708 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Tgt Ion: 95 Resp: 188661

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	139.0
176	67.4	0.0	132.4



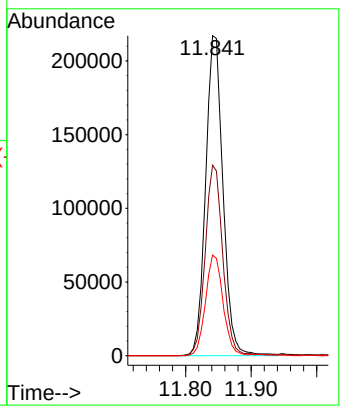


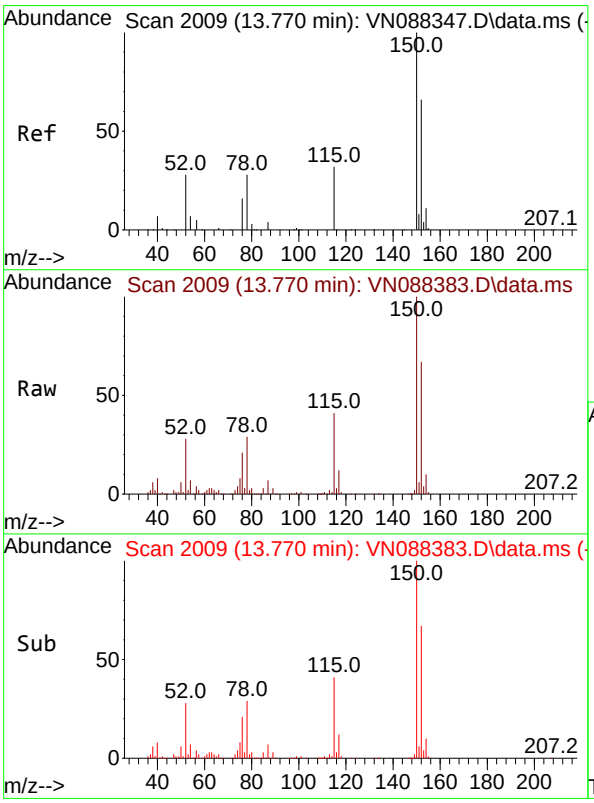
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
Field

Tgt Ion:117 Resp: 400480

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.8	71.8
119	31.5	26.9	40.3

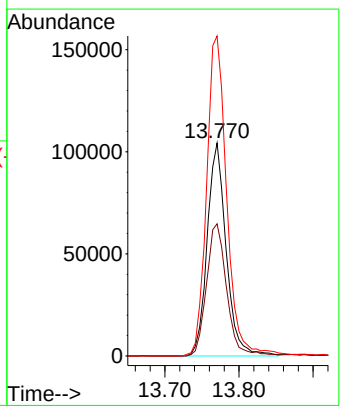




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088383.D
Acq: 01 Dec 2025 15:15

Tgt Ion:152 Resp: 185899

Ion	Ratio	Lower	Upper
152	100		
115	65.7	33.0	98.9
150	158.8	0.0	349.0



Sample Results: **VN088383.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.689	117	125	133	rBV3	12009	27409	1.84%	0.351%
2	8.147	1044	1053	1058	rBV	205966	502571	33.81%	6.432%
3	8.206	1058	1063	1075	rVB	268280	605542	40.73%	7.749%
4	8.559	1112	1123	1136	rBV	236101	542578	36.50%	6.944%
5	9.083	1203	1212	1224	rBV	507618	1048670	70.54%	13.420%
6	10.547	1451	1461	1469	rBV	795553	1486583	100.00%	19.024%
7	11.841	1671	1681	1695	rBV	730593	1353321	91.04%	17.319%
8	12.829	1842	1849	1860	rBV	526286	961302	64.67%	12.302%
9	13.770	2001	2009	2025	rBV	679241	1286117	86.51%	16.459%

Sum of corrected areas: 7814093

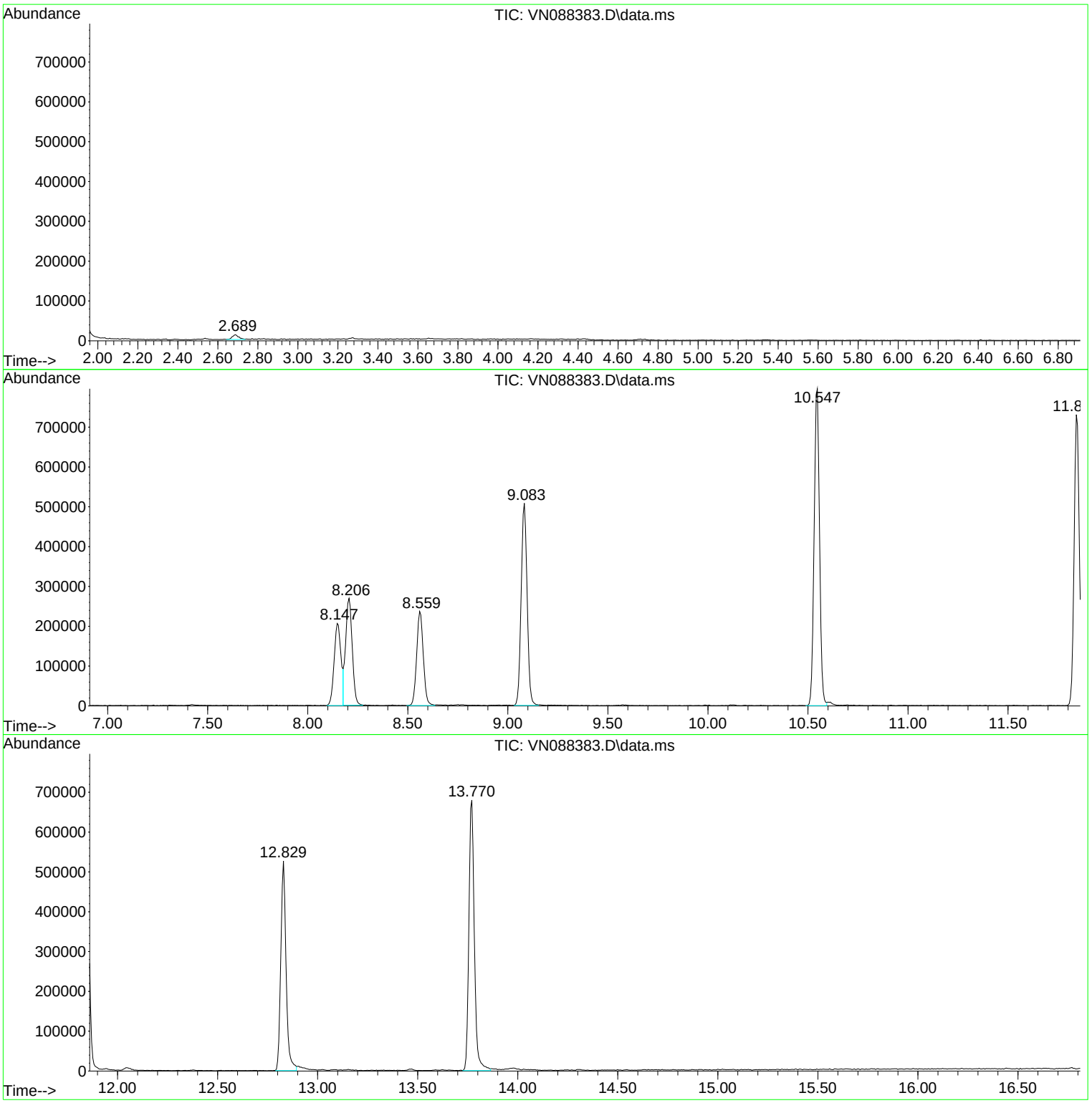
Sample Results: **VN088383.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN088383.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088383.D
Acq On : 01 Dec 2025 15:15
Operator : JC\MD
Sample : Q3738-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Field

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3738

Instrument ID: MSVOA_N Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:38 14:35

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

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.7
Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.8
Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.8
Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.9
Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.8
Trichlorofluoromethane	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.8
1,1,2-Trichlorotrifluoroethane	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.2
Tert butyl alcohol		0.151	0.149	0.161	0.142	0.148	0.150	4.6
1,1-Dichloroethene	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.8
Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.5
Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.2
Methyl tert-butyl Ether	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.5
Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.7
Methylene Chloride	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.4
trans-1,2-Dichloroethene	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.4
1,1-Dichloroethane	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.3
Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.9
2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.2
Carbon Tetrachloride	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6
cis-1,2-Dichloroethene	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.2
Bromochloromethane	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.5
Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.3
1,1,1-Trichloroethane	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.3
Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.1
Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.9
1,2-Dichloroethane	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.3
Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.1
1,2-Dichloropropane	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.6
Bromodichloromethane	0.602	0.586	0.586	0.589	0.583	0.566	0.586	2
4-Methyl-2-Pentanone	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.8

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3738

Instrument ID: MSVOA_N Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:38 14:35

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

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.1
t-1,3-Dichloropropene	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.7
cis-1,3-Dichloropropene	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.2
1,1,2-Trichloroethane	0.350	0.359	0.364	0.353	0.341	0.336	0.351	3
2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.7
Dibromochloromethane	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.9
1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.2
Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.7
Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	3
Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.1
m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.6
o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.5
Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.9
Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.1
Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.1
1,1,2,2-Tetrachloroethane	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.9
1,3-Dichlorobenzene	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.3
1,4-Dichlorobenzene	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.5
1,2-Dichlorobenzene	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.5
1,2-Dibromo-3-Chloropropane	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.8
1,2,4-Trichlorobenzene	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.3
1,2,3-Trichlorobenzene	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.8
1,2-Dichloroethane-d4		0.954	0.916	0.999	0.882	0.960	0.942	4.7
Dibromofluoromethane		0.361	0.350	0.350	0.334	0.337	0.346	3.2
Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	2
4-Bromofluorobenzene		0.402	0.413	0.448	0.466	0.482	0.442	7.7

* 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 : 82N112425W.M
Title : SW846 8260
Last Update : Tue Nov 25 01:34:52 2025
Response Via : Initial Calibration

Calibration Files
1 =VN088344.D 5 =VN088345.D 20 =VN088346.D 50 =VN088347.D 100 =VN088348.D 150 =VN088349.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.67
3)	P	Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.79
4)	C	Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.78#
5)	T	Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.85
6)	T	Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.82
7)	T	Trichlorofluor...	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.84
8)	T	Diethyl Ether	0.495	0.451	0.395	0.444	0.401	0.411	0.433	8.73
9)	T	1,1,2-Trichlor...	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.17
10)	T	Methyl Iodide		0.498	0.584	0.662	0.660	0.636	0.608	11.40
11)	T	Tert butyl alc...		0.151	0.149	0.161	0.142	0.148	0.150	4.64
12)	CM	1,1-Dichloroet...	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.83#
13)	T	Acrolein		0.146	0.132	0.151	0.143	0.147	0.144	5.00
14)	T	Allyl chloride	1.107	1.143	1.117	1.149	1.132	1.135	1.131	1.38
15)	T	Acrylonitrile	0.435	0.435	0.432	0.466	0.416	0.418	0.434	4.14
16)	T	Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.49
17)	T	Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.22
18)	T	Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.74
19)	T	Methyl tert-bu...	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.53
20)	T	Methylene Chlo...	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.44
21)	T	trans-1,2-Dich...	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.39
22)	T	Diisopropyl ether	2.267	2.415	2.439	2.580	2.359	2.424	2.414	4.26
23)	T	Vinyl Acetate	1.711	1.879	1.997	2.137	1.943	2.002	1.945	7.35
24)	P	1,1-Dichloroet...	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.27
25)	T	2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.17
26)	T	2,2-Dichloropr...	1.245	1.133	1.185	1.204	1.176	1.137	1.180	3.56
27)	T	cis-1,2-Dichlo...	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.22
28)	T	Bromochloromet...	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.47
29)	T	Tetrahydrofuran	0.354	0.397	0.394	0.429	0.384	0.398	0.393	6.18
30)	C	Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.33#
31)	T	Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.92
32)	T	1,1,1-Trichlor...	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.27
33)	S	1,2-Dichloroet...		0.954	0.916	0.999	0.882	0.960	0.942	4.74
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.361	0.350	0.350	0.334	0.337	0.346	3.17
36)	T	1,1-Dichloropr...	0.607	0.542	0.531	0.491	0.547	0.490	0.535	8.09
37)	T	Ethyl Acetate	0.735	0.678	0.724	0.720	0.681	0.681	0.703	3.69
38)	T	Carbon Tetrach...	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6.04
39)	T	Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.14
40)	TM	Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.86
41)	T	Methacrylonitrile	0.360	0.323	0.351	0.357	0.349	0.350	0.348	3.74
42)	TM	1,2-Dichloroet...	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.27
43)	T	Isopropyl Acetate	1.098	1.019	1.063	1.116	1.076	1.074	1.074	3.11
44)	TM	Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.13
45)	C	1,2-Dichloropr...	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.62#
46)	T	Dibromomethane	0.288	0.292	0.289	0.293	0.283	0.277	0.287	2.08
47)	T	Bromodichlorom...	0.602	0.586	0.586	0.589	0.583	0.566	0.586	1.96
48)	T	Methyl methacr...	0.480	0.433	0.491	0.513	0.511	0.513	0.490	6.35
49)	T	1,4-Dioxane	0.005	0.006	0.007	0.007	0.006	0.006	0.006	8.55
50)	S	Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	1.96
51)	T	4-Methyl-2-Pen...	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.79
52)	CM	Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.05#
53)	T	t-1,3-Dichloro...	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.72
54)	T	cis-1,3-Dichlo...	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.16
55)	T	1,1,2-Trichlor...	0.350	0.359	0.364	0.353	0.341	0.336	0.351	2.98
56)	T	Ethyl methacry...	0.417	0.482	0.558	0.616	0.624	0.626	0.554	15.71

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N112425W.M

57)	T	1,3-Dichloropr...	0.607	0.638	0.647	0.644	0.638	0.622	0.633	2.42
58)	T	2-Chloroethyl ...	0.258	0.323	0.333	0.364	0.337	0.301	0.319	11.41
59)	T	2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.66
60)	T	Dibromochlorom...	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.87
61)	T	1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.16
62)	S	4-Bromofluorob...		0.402	0.413	0.448	0.466	0.482	0.442	7.67
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.73
65)	PM	Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	2.96
66)	T	1,1,1,2-Tetrac...	0.378	0.372	0.394	0.383	0.386	0.361	0.379	3.04
67)	C	Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.06#
68)	T	m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.64
69)	T	o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.51
70)	T	Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.94
71)	P	Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.12
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.07
74)	T	N-amyl acetate			1.173	1.045	1.338	1.480	1.259	15.09
75)	P	1,1,2,2-Tetrac...	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.87
76)	T	1,2,3-Trichlor...	1.036	1.199	1.268	1.202	1.177	1.145	1.171	6.63
77)	T	Bromobenzene	0.781	0.885	0.866	0.863	0.865	0.816	0.846	4.66
78)	T	n-propylbenzene	4.076	4.270	4.925	4.439	4.931	4.496	4.523	7.66
79)	T	2-Chlorotoluene	2.707	2.799	2.851	2.699	2.835	2.681	2.762	2.72
80)	T	1,3,5-Trimethy...	2.650	2.988	3.315	3.051	3.307	3.069	3.063	7.99
81)	T	trans-1,4-Dich...		0.355	0.364	0.430	0.452	0.462	0.413	12.09
82)	T	4-Chlorotoluene	2.093	2.830	2.935	2.854	2.944	2.803	2.743	11.80
83)	T	tert-Butylbenzene	2.509	2.468	2.773	2.509	2.816	2.549	2.604	5.78
84)	T	1,2,4-Trimethy...	2.572	2.827	3.310	3.112	3.344	3.105	3.045	9.74
85)	T	sec-Butylbenzene	3.457	3.614	3.971	3.609	4.122	3.674	3.741	6.73
86)	T	p-Isopropyltol...	2.714	2.808	3.330	3.047	3.435	3.073	3.068	9.18
87)	T	1,3-Dichlorobe...	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.34
88)	T	1,4-Dichlorobe...	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.52
89)	T	n-Butylbenzene	2.827	2.664	3.155	2.873	3.373	2.979	2.979	8.49
90)	T	Hexachloroethane	0.549	0.550	0.571	0.535	0.604	0.553	0.560	4.36
91)	T	1,2-Dichlorobe...	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.52
92)	T	1,2-Dibromo-3-...	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.80
93)	T	1,2,4-Trichlor...	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.26
94)	T	Hexachlorobuta...	0.362	0.316	0.349	0.297	0.354	0.307	0.331	8.32
95)	T	Naphthalene	2.946	2.864	3.163	3.292	3.483	3.395	3.190	7.74
96)	T	1,2,3-Trichlor...	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.83

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088344.D
Acq On : 24 Nov 2025 12:38
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 01:09:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone
11/25/2025
Supervised By :Mahesh Dadoda
11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	286338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	535294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	458943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	203454	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	4116	1.176	ug/l	88
3) Chloromethane	2.383	50	5215	1.282	ug/l	92
4) Vinyl Chloride	2.536	62	4602	1.055	ug/l	98
6) Chloroethane	3.148	64	3181	1.036	ug/l #	78
7) Trichlorofluoromethane	3.512	101	7064	1.049	ug/l #	82
8) Diethyl Ether	3.953	74	2832	1.101	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	3781	1.083	ug/l	91
12) 1,1-Dichloroethene	4.336	96	4136m	1.118	ug/l	
14) Allyl chloride	5.012	41	6342	0.957	ug/l	95
15) Acrylonitrile	5.712	53	12465	5.068	ug/l	98
16) Acetone	4.424	43	11802	4.716	ug/l	98
17) Carbon Disulfide	4.694	76	11805	1.034	ug/l #	85
18) Methyl Acetate	5.006	43	6138	1.129	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	12174	0.876	ug/l	96
20) Methylene Chloride	5.265	84	4566	1.042	ug/l #	70
21) trans-1,2-Dichloroethene	5.783	96	4308	1.053	ug/l #	94
22) Diisopropyl ether	6.665	45	12982m	0.932	ug/l	
23) Vinyl Acetate	6.594	43	48988	3.972	ug/l	96
24) 1,1-Dichloroethane	6.547	63	7954	1.029	ug/l #	95
25) 2-Butanone	7.471	43	14574	4.283	ug/l #	82
26) 2,2-Dichloropropane	7.465	77	7127	1.026	ug/l #	77
27) cis-1,2-Dichloroethene	7.465	96	4562m	0.962	ug/l	
28) Bromochloromethane	7.788	49	4148	1.149	ug/l #	92
29) Tetrahydrofuran	7.835	42	10143	4.482	ug/l	96
30) Chloroform	7.947	83	7885	1.027	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	7143	1.055	ug/l #	46
36) 1,1-Dichloropropene	8.341	75	6499	1.203	ug/l #	80
37) Ethyl Acetate	7.553	43	7870	1.095	ug/l #	94
38) Carbon Tetrachloride	8.347	117	6045	1.085	ug/l	84
39) Methylcyclohexane	9.582	83	5715	0.846	ug/l	87
40) Benzene	8.582	78	17750	1.069	ug/l #	88
41) Methacrylonitrile	7.759	41	3857	1.037	ug/l #	83
42) 1,2-Dichloroethane	8.659	62	6237	1.039	ug/l	99
43) Isopropyl Acetate	8.677	43	11759	1.073	ug/l #	94
44) Trichloroethene	9.335	130	4088	1.057	ug/l	73
45) 1,2-Dichloropropane	9.600	63	4559	1.082	ug/l #	78

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088344.D
Acq On : 24 Nov 2025 12:38
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 01:09:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone
11/25/2025
Supervised By :Mahesh Dadoda
11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.694	93	3080	1.022	ug/l		88
47) Bromodichloromethane	9.865	83	6445	1.068	ug/l	#	89
48) Methyl methacrylate	9.665	41	5144	1.017	ug/l	#	86
49) 1,4-Dioxane	9.688	88	1133	17.773	ug/l	#	72
51) 4-Methyl-2-Pentanone	10.429	43	28924	4.454	ug/l		97
52) Toluene	10.612	92	8872	0.875	ug/l		97
53) t-1,3-Dichloropropene	10.812	75	6068	0.947	ug/l		89
54) cis-1,3-Dichloropropene	10.294	75	6312	0.928	ug/l		94
55) 1,1,2-Trichloroethane	11.000	97	3748	0.969	ug/l	#	72
56) Ethyl methacrylate	10.859	69	4463	0.723	ug/l	#	72
57) 1,3-Dichloropropane	11.147	76	6496	0.952	ug/l		95
58) 2-Chloroethyl Vinyl ether	10.141	63	13790	4.190	ug/l		92
59) 2-Hexanone	11.188	43	19197m	4.495	ug/l		
60) Dibromochloromethane	11.335	129	4116	0.936	ug/l		98
61) 1,2-Dibromoethane	11.447	107	3251	0.814	ug/l		96
64) Tetrachloroethene	11.076	164	3914	1.220	ug/l	#	86
65) Chlorobenzene	11.871	112	10226	0.958	ug/l	#	84
66) 1,1,1,2-Tetrachloroethane	11.941	131	3473	0.985	ug/l	#	57
67) Ethyl Benzene	11.941	91	17267	0.922	ug/l		92
68) m/p-Xylenes	12.047	106	12077	1.724	ug/l		99
69) o-Xylene	12.382	106	6153	0.927	ug/l		91
70) Styrene	12.394	104	8118	0.747	ug/l		100
71) Bromoform	12.559	173	2054	0.782	ug/l	#	82
73) Isopropylbenzene	12.676	105	13585	0.849	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.918	83	5605	1.121	ug/l	#	83
76) 1,2,3-Trichloropropane	12.982	75	4214m	0.871	ug/l		
77) Bromobenzene	12.965	156	3176	0.907	ug/l		100
78) n-propylbenzene	13.017	91	16584	0.851	ug/l		98
79) 2-Chlorotoluene	13.106	91	11013	0.981	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	10783	0.811	ug/l		96
82) 4-Chlorotoluene	13.212	91	8516	0.700	ug/l		84
83) tert-Butylbenzene	13.417	119	10210	0.869	ug/l		95
84) 1,2,4-Trimethylbenzene	13.465	105	10464	0.786	ug/l		89
85) sec-Butylbenzene	13.594	105	14068	0.819	ug/l		99
86) p-Isopropyltoluene	13.706	119	11043	0.798	ug/l		97
87) 1,3-Dichlorobenzene	13.712	146	7040	1.019	ug/l		95
88) 1,4-Dichlorobenzene	13.782	146	7109m	0.955	ug/l		
89) n-Butylbenzene	14.035	91	11505	0.845	ug/l		93
90) Hexachloroethane	14.312	117	2233	0.841	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	6178	0.927	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1155	0.973	ug/l		93
93) 1,2,4-Trichlorobenzene	15.376	180	4059	1.011	ug/l		91
94) Hexachlorobutadiene	15.476	225	1474	1.002	ug/l		93
95) Naphthalene	15.623	128	11988	0.863	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.823	180	3833	0.989	ug/l		100

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088344.D
Acq On : 24 Nov 2025 12:38
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 01:09:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

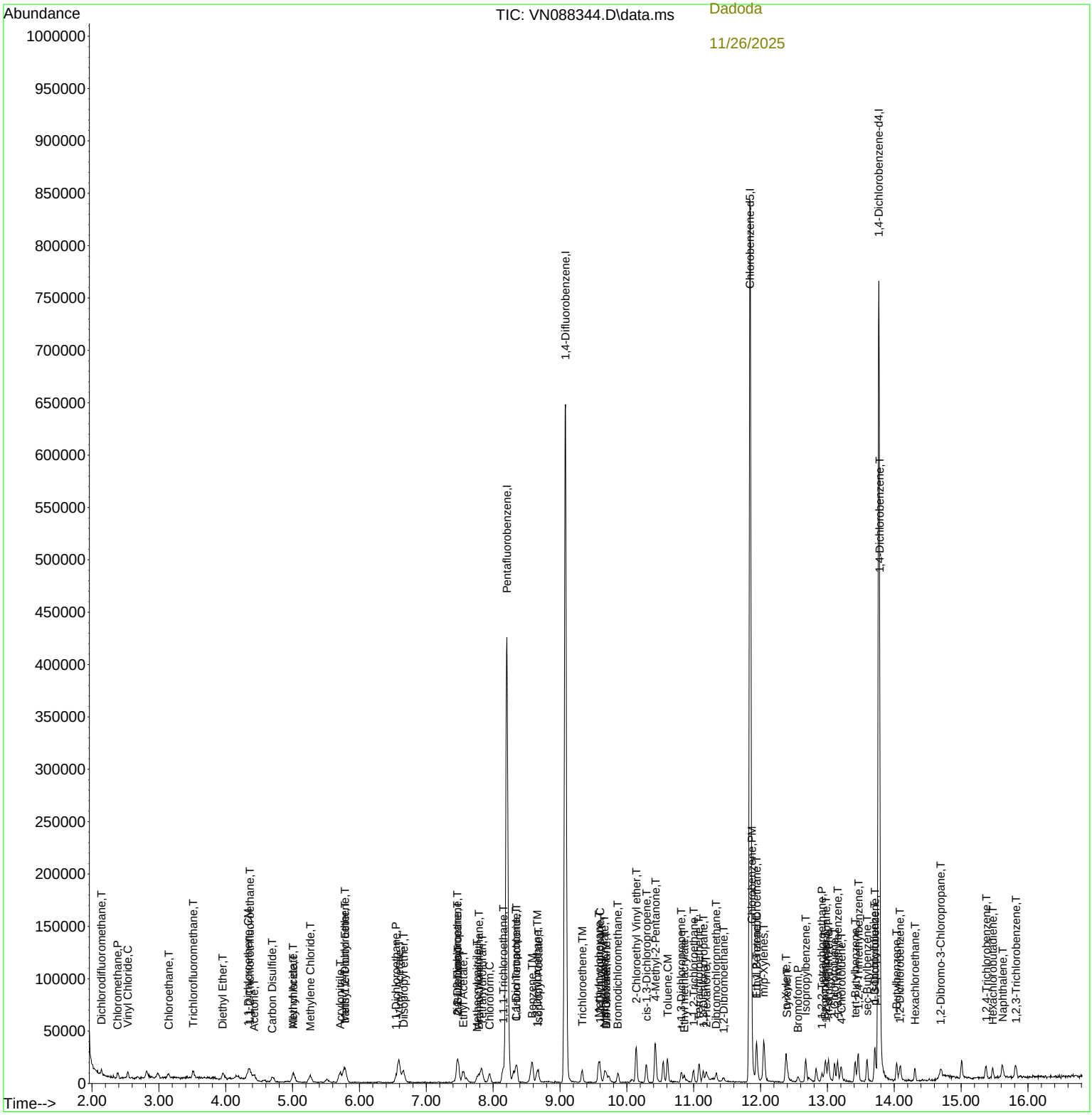
Manual Integrations APPROVED

Reviewed By :John Carlone

11/25/2025

Supervised By :Mahesh Dadoda

11/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088345.D
Acq On : 24 Nov 2025 13:11
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 01:10:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	277017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	520222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	210682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	26416	5.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.540%#			
35) Dibromofluoromethane	8.153	113	18802	5.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.540%#			
50) Toluene-d8	10.547	98	64962	4.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.560%#			
62) 4-Bromofluorobenzene	12.829	95	20929	4.383	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 8.760%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	18728	5.530	ug/l	78
3) Chloromethane	2.383	50	22161	5.630	ug/l	96
4) Vinyl Chloride	2.536	62	23377	5.542	ug/l	95
5) Bromomethane	2.971	94	11265	4.586	ug/l	89
6) Chloroethane	3.142	64	13946	4.694	ug/l	90
7) Trichlorofluoromethane	3.512	101	32404	4.974	ug/l	99
8) Diethyl Ether	3.959	74	12500	5.022	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	17577	5.203	ug/l	97
10) Methyl Iodide	4.577	142	13782	4.252	ug/l #	86
11) Tert butyl alcohol	5.524	59	20975	23.946	ug/l	98
12) 1,1-Dichloroethene	4.342	96	17186	4.802	ug/l #	75
13) Acrolein	4.171	56	20281	21.167	ug/l	95
14) Allyl chloride	5.006	41	31674	4.939	ug/l	98
15) Acrylonitrile	5.706	53	60208	25.303	ug/l	99
16) Acetone	4.424	43	49209	20.327	ug/l	97
17) Carbon Disulfide	4.695	76	56594	5.124	ug/l	98
18) Methyl Acetate	5.012	43	29034	5.519	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	62035	4.613	ug/l	96
20) Methylene Chloride	5.271	84	20834	4.915	ug/l #	80
21) trans-1,2-Dichloroethene	5.777	96	18495	4.671	ug/l	96
22) Diisopropyl ether	6.653	45	66886	4.963	ug/l	94
23) Vinyl Acetate	6.589	43	260201m	21.808	ug/l	
24) 1,1-Dichloroethane	6.547	63	39629	5.298	ug/l	98
25) 2-Butanone	7.465	43	74555	22.648	ug/l	97
26) 2,2-Dichloropropane	7.465	77	31387	4.669	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	22190	4.838	ug/l	96
28) Bromochloromethane	7.794	49	19995	5.723	ug/l	99
29) Tetrahydrofuran	7.824	42	54983	25.113	ug/l	100
30) Chloroform	7.953	83	37740	5.081	ug/l	99
31) Cyclohexane	8.241	56	40171	5.829	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	33772	5.154	ug/l #	85
36) 1,1-Dichloropropene	8.347	75	28193	5.368	ug/l	96
37) Ethyl Acetate	7.547	43	35286	5.054	ug/l	98
38) Carbon Tetrachloride	8.341	117	26194	4.839	ug/l	89
39) Methylcyclohexane	9.583	83	28179	4.292	ug/l	95
40) Benzene	8.588	78	80904	5.014	ug/l	91

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088345.D
Acq On : 24 Nov 2025 13:11
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 01:10:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	16819	4.652	ug/l		95
42) 1,2-Dichloroethane	8.653	62	31962	5.480	ug/l		98
43) Isopropyl Acetate	8.677	43	52990	4.976	ug/l		99
44) Trichloroethene	9.335	130	20005	5.321	ug/l		89
45) 1,2-Dichloropropane	9.600	63	20897	5.101	ug/l		96
46) Dibromomethane	9.688	93	15209	5.195	ug/l		98
47) Bromodichloromethane	9.865	83	30479	5.198	ug/l	#	91
48) Methyl methacrylate	9.665	41	22513	4.579	ug/l		95
49) 1,4-Dioxane	9.688	88	6435	103.870	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.424	43	160328	25.401	ug/l		100
52) Toluene	10.606	92	46057	4.673	ug/l		99
53) t-1,3-Dichloropropene	10.812	75	28774	4.621	ug/l		98
54) cis-1,3-Dichloropropene	10.288	75	32170	4.869	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	18669	4.965	ug/l		96
56) Ethyl methacrylate	10.859	69	25089	4.184	ug/l		98
57) 1,3-Dichloropropane	11.141	76	33183	5.006	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.141	63	83959	26.251	ug/l		98
59) 2-Hexanone	11.182	43	78248	18.852	ug/l		96
60) Dibromochloromethane	11.335	129	20078	4.697	ug/l		96
61) 1,2-Dibromoethane	11.447	107	19090	4.919	ug/l		95
64) Tetrachloroethene	11.077	164	17642	5.552	ug/l		92
65) Chlorobenzene	11.871	112	51903	4.912	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.935	131	16899	4.842	ug/l		95
67) Ethyl Benzene	11.941	91	84509	4.556	ug/l		97
68) m/p-Xylenes	12.047	106	62717	9.044	ug/l		96
69) o-Xylene	12.382	106	28111	4.278	ug/l		94
70) Styrene	12.394	104	46583	4.327	ug/l		99
71) Bromoform	12.565	173	12418	4.774	ug/l	#	98
73) Isopropylbenzene	12.676	105	74324	4.486	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.918	83	25666	4.956	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	25268m	5.045	ug/l		
77) Bromobenzene	12.959	156	18654	5.143	ug/l		93
78) n-propylbenzene	13.018	91	89952	4.455	ug/l		97
79) 2-Chlorotoluene	13.106	91	58975	5.072	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	62949	4.574	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.729	75	7483	4.106	ug/l	#	78
82) 4-Chlorotoluene	13.200	91	59617	4.734	ug/l		97
83) tert-Butylbenzene	13.418	119	51988	4.275	ug/l		99
84) 1,2,4-Trimethylbenzene	13.465	105	59560	4.319	ug/l		99
85) sec-Butylbenzene	13.594	105	76137	4.278	ug/l		99
86) p-Isopropyltoluene	13.706	119	59155	4.127	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	33144	4.633	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	38453	4.987	ug/l		93
89) n-Butylbenzene	14.035	91	56132	3.979	ug/l		99
90) Hexachloroethane	14.312	117	11594	4.214	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	33169	4.804	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	5979	4.862	ug/l		93
93) 1,2,4-Trichlorobenzene	15.370	180	18203	4.379	ug/l		99
94) Hexachlorobutadiene	15.476	225	6667	4.376	ug/l		95
95) Naphthalene	15.617	128	60329	4.195	ug/l		98
96) 1,2,3-Trichlorobenzene	15.817	180	17918	4.465	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088345.D
Acq On : 24 Nov 2025 13:11
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:10:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

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

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

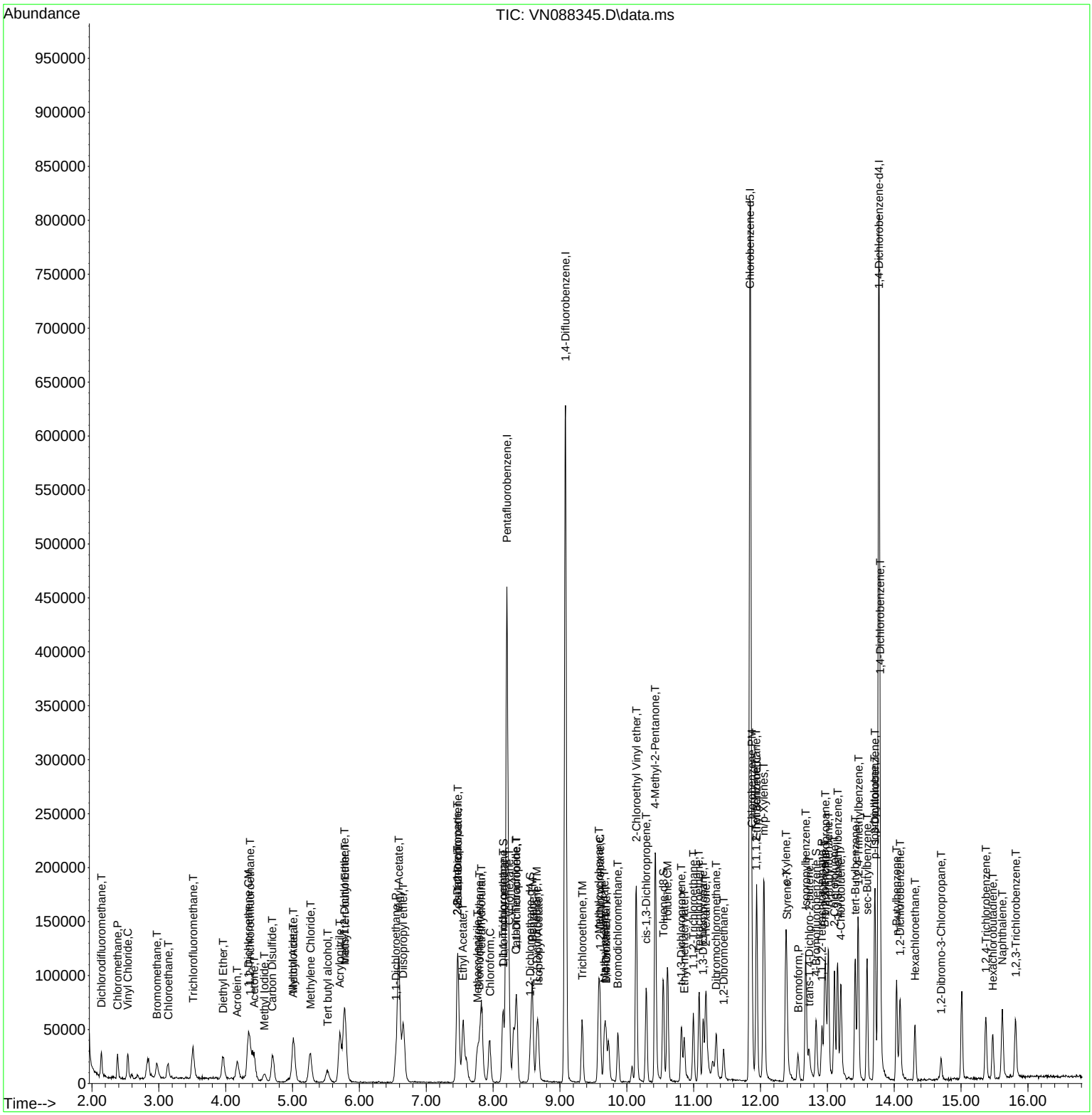
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088345.D
Acq On : 24 Nov 2025 13:11
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 01:10:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088346.D
Acq On : 24 Nov 2025 13:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 01:10:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	289343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	521967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	446626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	106028	20.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 40.520%#			
35) Dibromofluoromethane	8.147	113	73055	20.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.820%#			
50) Toluene-d8	10.547	98	269703	19.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 39.540%#			
62) 4-Bromofluorobenzene	12.823	95	86319	18.015	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 36.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	92076	26.032	ug/l	100
3) Chloromethane	2.383	50	93182	22.664	ug/l	98
4) Vinyl Chloride	2.542	62	99078	22.487	ug/l	96
5) Bromomethane	2.983	94	45414	17.699	ug/l	100
6) Chloroethane	3.142	64	57451	18.515	ug/l	96
7) Trichlorofluoromethane	3.518	101	135233	19.875	ug/l	92
8) Diethyl Ether	3.965	74	45755	17.600	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	73956	20.959	ug/l	98
10) Methyl Iodide	4.583	142	67559	19.958	ug/l	92
11) Tert butyl alcohol	5.518	59	86464	94.506	ug/l	98
12) 1,1-Dichloroethene	4.341	96	69587	18.614	ug/l	85
13) Acrolein	4.177	56	76430	76.371	ug/l	97
14) Allyl chloride	5.012	41	129326	19.307	ug/l	97
15) Acrylonitrile	5.712	53	250269	100.698	ug/l	99
16) Acetone	4.424	43	186448	73.735	ug/l	96
17) Carbon Disulfide	4.706	76	236468	20.496	ug/l	96
18) Methyl Acetate	5.018	43	110778	20.161	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	259864	18.502	ug/l	94
20) Methylene Chloride	5.265	84	81446	18.395	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	78223	18.913	ug/l	98
22) Diisopropyl ether	6.659	45	282262	20.050	ug/l	96
23) Vinyl Acetate	6.588	43	1155611m	92.730	ug/l	
24) 1,1-Dichloroethane	6.553	63	156012	19.969	ug/l	100
25) 2-Butanone	7.471	43	316859	92.154	ug/l	99
26) 2,2-Dichloropropane	7.471	77	137140	19.531	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	91877	19.178	ug/l	97
28) Bromochloromethane	7.794	49	79117	21.681	ug/l	100
29) Tetrahydrofuran	7.829	42	228189	99.785	ug/l	99
30) Chloroform	7.953	83	156345	20.153	ug/l	99
31) Cyclohexane	8.235	56	146307	20.327	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	137952	20.154	ug/l	98
36) 1,1-Dichloropropene	8.353	75	110824	21.032	ug/l	98
37) Ethyl Acetate	7.547	43	151153	21.576	ug/l	99
38) Carbon Tetrachloride	8.347	117	114374	21.060	ug/l	95
39) Methylcyclohexane	9.582	83	126502	19.203	ug/l	96
40) Benzene	8.588	78	335961	20.753	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088346.D
Acq On : 24 Nov 2025 13:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 01:10:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	73287	20.203	ug/l		96
42) 1,2-Dichloroethane	8.653	62	124453	21.266	ug/l		98
43) Isopropyl Acetate	8.671	43	221861	20.765	ug/l		98
44) Trichloroethene	9.329	130	79876	21.175	ug/l		91
45) 1,2-Dichloropropane	9.600	63	83979	20.433	ug/l	#	87
46) Dibromomethane	9.688	93	60253	20.513	ug/l		98
47) Bromodichloromethane	9.865	83	122415	20.808	ug/l		93
48) Methyl methacrylate	9.659	41	102560	20.792	ug/l		97
49) 1,4-Dioxane	9.676	88	28593	459.989	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.423	43	689576	108.887	ug/l		99
52) Toluene	10.612	92	196223	19.843	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	124926	19.996	ug/l		99
54) cis-1,3-Dichloropropene	10.288	75	131162	19.787	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	75992	20.142	ug/l		96
56) Ethyl methacrylate	10.853	69	116597	19.380	ug/l		97
57) 1,3-Dichloropropane	11.141	76	135028	20.301	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	347449	108.270	ug/l		98
59) 2-Hexanone	11.176	43	424244	101.867	ug/l		98
60) Dibromochloromethane	11.335	129	84716	19.753	ug/l		99
61) 1,2-Dibromoethane	11.447	107	76002	19.518	ug/l		99
64) Tetrachloroethene	11.076	164	73746	23.611	ug/l		96
65) Chlorobenzene	11.870	112	207406	19.968	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.935	131	70330	20.500	ug/l		98
67) Ethyl Benzene	11.941	91	359781	19.735	ug/l		96
68) m/p-Xylenes	12.047	106	274942	40.335	ug/l		99
69) o-Xylene	12.376	106	128919	19.957	ug/l		96
70) Styrene	12.388	104	207850	19.642	ug/l		99
71) Bromoform	12.559	173	50951	19.929	ug/l	#	98
73) Isopropylbenzene	12.670	105	332053	20.064	ug/l		100
74) N-amyl acetate	12.682	43	98732m	20.946	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	103664	20.037	ug/l		97
76) 1,2,3-Trichloropropane	12.970	75	106718m	21.331	ug/l		
77) Bromobenzene	12.959	156	72921	20.125	ug/l		98
78) n-propylbenzene	13.011	91	414648	20.557	ug/l		99
79) 2-Chlorotoluene	13.100	91	240017	20.663	ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	279116	20.300	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	30676	16.850	ug/l	#	72
82) 4-Chlorotoluene	13.200	91	247131	19.645	ug/l		97
83) tert-Butylbenzene	13.417	119	233493	19.219	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	278702	20.229	ug/l		98
85) sec-Butylbenzene	13.594	105	334307	18.805	ug/l		99
86) p-Isopropyltoluene	13.706	119	280364	19.577	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	144838	20.267	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	150329	19.514	ug/l		99
89) n-Butylbenzene	14.035	91	265582	18.845	ug/l		99
90) Hexachloroethane	14.311	117	48067	17.489	ug/l		97
91) 1,2-Dichlorobenzene	14.088	146	133291	19.325	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23868	19.429	ug/l		99
93) 1,2,4-Trichlorobenzene	15.370	180	75854	18.265	ug/l		95
94) Hexachlorobutadiene	15.470	225	29359	19.288	ug/l		98
95) Naphthalene	15.611	128	266281	18.533	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	74795	18.658	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088346.D
Acq On : 24 Nov 2025 13:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:10:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 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

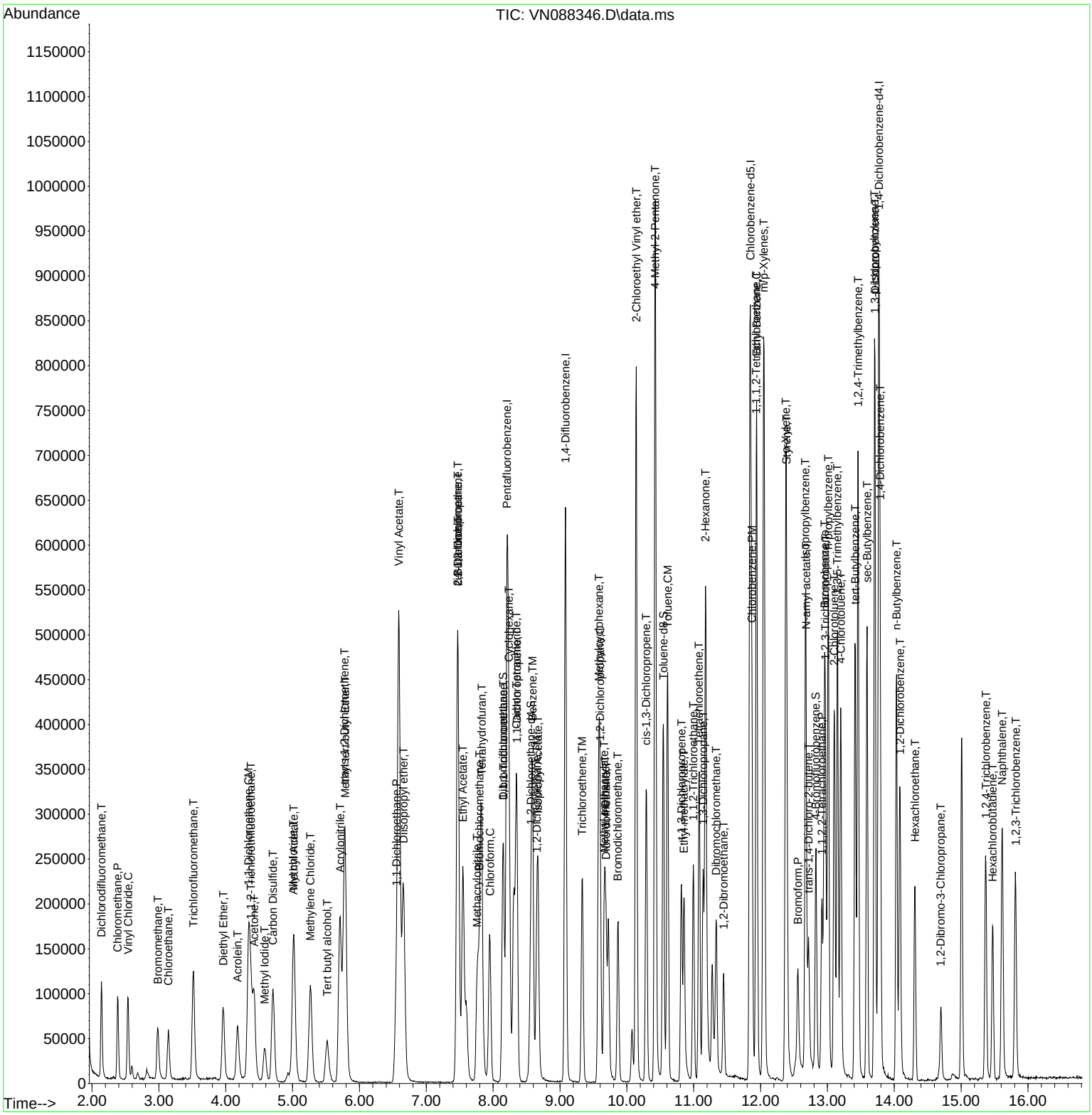
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088346.D
Acq On : 24 Nov 2025 13:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 01:10:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088347.D
Acq On : 24 Nov 2025 13:53
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	254412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	480905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	425874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	208615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	254050	55.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	8.153	113	168216	51.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.547	98	618062	49.180	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.823	95	215443	48.802	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	188518	60.616	ug/l	100
3) Chloromethane	2.383	50	203776	56.367	ug/l	100
4) Vinyl Chloride	2.536	62	206493	53.300	ug/l	100
5) Bromomethane	2.977	94	100800	44.679	ug/l	100
6) Chloroethane	3.142	64	128383	47.055	ug/l	100
7) Trichlorofluoromethane	3.512	101	277710	46.418	ug/l	100
8) Diethyl Ether	3.959	74	112943	49.408	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	143560	46.270	ug/l	100
10) Methyl Iodide	4.589	142	168409	56.580	ug/l	100
11) Tert butyl alcohol	5.512	59	205132	254.997	ug/l	100
12) 1,1-Dichloroethene	4.336	96	144499	43.959	ug/l	100
13) Acrolein	4.177	56	191880	218.057	ug/l	100
14) Allyl chloride	5.012	41	292223	49.615	ug/l	100
15) Acrylonitrile	5.706	53	593191	271.445	ug/l	100
16) Acetone	4.418	43	425884	191.549	ug/l	100
17) Carbon Disulfide	4.706	76	504570	49.738	ug/l	100
18) Methyl Acetate	5.018	43	266978	55.261	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	637167	51.594	ug/l	100
20) Methylene Chloride	5.265	84	192304	49.396	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	174454	47.971	ug/l	100
22) Diisopropyl ether	6.659	45	656293	53.019	ug/l	100
23) Vinyl Acetate	6.588	43	2718764m	248.116	ug/l	
24) 1,1-Dichloroethane	6.559	63	362987	52.841	ug/l	100
25) 2-Butanone	7.465	43	757688	250.619	ug/l	100
26) 2,2-Dichloropropane	7.471	77	306308	49.612	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	210902	50.066	ug/l	100
28) Bromochloromethane	7.794	49	186871	58.241	ug/l	100
29) Tetrahydrofuran	7.824	42	545947	271.517	ug/l	100
30) Chloroform	7.947	83	354218	51.927	ug/l	100
31) Cyclohexane	8.235	56	288267	45.549	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	294555	48.942	ug/l	100
36) 1,1-Dichloropropene	8.353	75	236320	48.678	ug/l	100
37) Ethyl Acetate	7.547	43	346328	53.657	ug/l	100
38) Carbon Tetrachloride	8.347	117	240067	47.979	ug/l	100
39) Methylcyclohexane	9.582	83	253638	41.789	ug/l	100
40) Benzene	8.588	78	749637	50.260	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088347.D
Acq On : 24 Nov 2025 13:53
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.759	41	171571	51.334 ug/l	100
42) 1,2-Dichloroethane	8.653	62	295993	54.896 ug/l	100
43) Isopropyl Acetate	8.671	43	536716	54.522 ug/l	100
44) Trichloroethene	9.329	130	171828	49.440 ug/l	100
45) 1,2-Dichloropropane	9.600	63	195340	51.585 ug/l	100
46) Dibromomethane	9.688	93	140875	52.056 ug/l	100
47) Bromodichloromethane	9.871	83	283447	52.293 ug/l	100
48) Methyl methacrylate	9.659	41	246767	54.300 ug/l	100
49) 1,4-Dioxane	9.676	88	63666	1111.677 ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	1618000	277.304 ug/l	100
52) Toluene	10.606	92	439167	48.202 ug/l	100
53) t-1,3-Dichloropropene	10.812	75	303537	52.732 ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	318360	52.127 ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	169966	48.898 ug/l	100
56) Ethyl methacrylate	10.853	69	296224	53.440 ug/l	100
57) 1,3-Dichloropropane	11.141	76	309692	50.536 ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	875006	295.946 ug/l	100
59) 2-Hexanone	11.176	43	1048582	273.278 ug/l	100
60) Dibromochloromethane	11.335	129	196756	49.794 ug/l	100
61) 1,2-Dibromoethane	11.447	107	177630	49.512 ug/l	100
64) Tetrachloroethene	11.082	164	160566	53.914 ug/l	100
65) Chlorobenzene	11.870	112	471088	47.564 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	162993	49.826 ug/l	100
67) Ethyl Benzene	11.941	91	825262	47.473 ug/l	100
68) m/p-Xylenes	12.047	106	624414	96.067 ug/l	100
69) o-Xylene	12.376	106	296307	48.105 ug/l	100
70) Styrene	12.388	104	508032	50.349 ug/l	100
71) Bromoform	12.559	173	121394	49.795 ug/l #	100
73) Isopropylbenzene	12.670	105	756073	46.091 ug/l	100
74) N-amyl acetate	12.500	43	218031	46.667 ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.917	83	235147	45.856 ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	250728m	50.561 ug/l	
77) Bromobenzene	12.959	156	179949	50.105 ug/l	100
78) n-propylbenzene	13.012	91	926041	46.319 ug/l	100
79) 2-Chlorotoluene	13.100	91	563004	48.901 ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	636506	46.704 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	89717	49.717 ug/l #	100
82) 4-Chlorotoluene	13.200	91	595484	47.756 ug/l	100
83) tert-Butylbenzene	13.412	119	523419	43.467 ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	649135	47.534 ug/l	100
85) sec-Butylbenzene	13.594	105	752927	42.729 ug/l	100
86) p-Isopropyltoluene	13.706	119	635661	44.782 ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	334974	47.290 ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	350784	45.940 ug/l	100
89) n-Butylbenzene	14.035	91	599399	42.911 ug/l	100
90) Hexachloroethane	14.306	117	111560	40.952 ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	317314	46.414 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	60137	49.387 ug/l	100
93) 1,2,4-Trichlorobenzene	15.364	180	185506	45.066 ug/l	100
94) Hexachlorobutadiene	15.470	225	61955	41.064 ug/l	100
95) Naphthalene	15.611	128	686671	48.217 ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	182475	45.925 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088347.D
Acq On : 24 Nov 2025 13:53
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 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

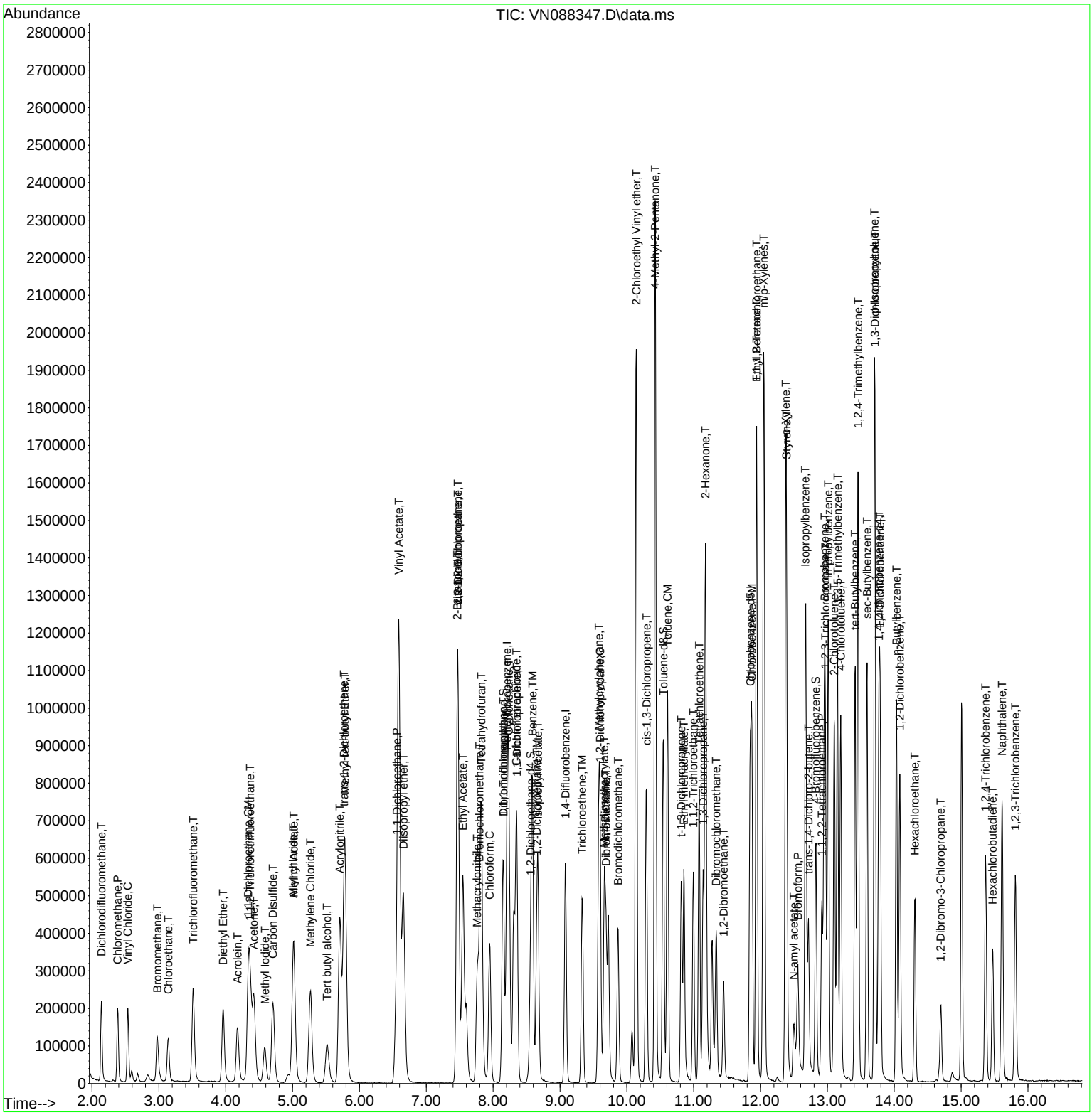
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088347.D
Acq On : 24 Nov 2025 13:53
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088348.D
Acq On : 24 Nov 2025 14:14
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 01:12:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	285895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	501695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	439316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	504045	97.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.940%#			
35) Dibromofluoromethane	8.147	113	335348	97.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.960%#			
50) Toluene-d8	10.547	98	1312124	100.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.160%#			
62) 4-Bromofluorobenzene	12.829	95	467895	101.595	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 203.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	479358	137.160	ug/l	100
3) Chloromethane	2.383	50	434116	106.858	ug/l	98
4) Vinyl Chloride	2.536	62	478320	109.869	ug/l	98
5) Bromomethane	2.965	94	221311	87.292	ug/l	99
6) Chloroethane	3.130	64	287091	93.637	ug/l	96
7) Trichlorofluoromethane	3.506	101	686944	102.176	ug/l	99
8) Diethyl Ether	3.959	74	229525	89.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	361718	103.745	ug/l	100
10) Methyl Iodide	4.577	142	377533	112.872	ug/l	97
11) Tert butyl alcohol	5.524	59	406566	449.741	ug/l	100
12) 1,1-Dichloroethene	4.336	96	340010	92.046	ug/l	96
13) Acrolein	4.177	56	409205	413.820	ug/l	99
14) Allyl chloride	5.012	41	647046m	97.762	ug/l	
15) Acrylonitrile	5.706	53	1189524	484.386	ug/l	99
16) Acetone	4.418	43	872591	349.245	ug/l	98
17) Carbon Disulfide	4.706	76	1141513	100.133	ug/l	99
18) Methyl Acetate	5.018	43	555796	102.374	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	1295144	93.325	ug/l	100
20) Methylene Chloride	5.265	84	392179	89.644	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	369984	90.533	ug/l	98
22) Diisopropyl ether	6.659	45	1349029	96.981	ug/l	97
23) Vinyl Acetate	6.589	43	5554188m	451.061	ug/l	
24) 1,1-Dichloroethane	6.553	63	755476	97.866	ug/l	98
25) 2-Butanone	7.471	43	1542855	454.129	ug/l	97
26) 2,2-Dichloropropane	7.477	77	672523	96.933	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	427126	90.230	ug/l	98
28) Bromochloromethane	7.800	49	356867	98.975	ug/l	99
29) Tetrahydrofuran	7.824	42	1096740	485.379	ug/l	99
30) Chloroform	7.947	83	738399	96.326	ug/l	100
31) Cyclohexane	8.241	56	707339	99.459	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	666887	98.605	ug/l	98
36) 1,1-Dichloropropene	8.353	75	549319	108.461	ug/l	99
37) Ethyl Acetate	7.547	43	682857	101.412	ug/l	99
38) Carbon Tetrachloride	8.341	117	571861	109.553	ug/l	97
39) Methylcyclohexane	9.577	83	663987	104.863	ug/l	96
40) Benzene	8.588	78	1564367	100.538	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088348.D
Acq On : 24 Nov 2025 14:14
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 01:12:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	349832	100.333	ug/l		98
42) 1,2-Dichloroethane	8.653	62	599011	106.490	ug/l		100
43) Isopropyl Acetate	8.671	43	1079559	105.122	ug/l		99
44) Trichloroethene	9.335	130	372568	102.756	ug/l		98
45) 1,2-Dichloropropane	9.600	63	396928	100.477	ug/l		96
46) Dibromomethane	9.688	93	284059	100.615	ug/l		99
47) Bromodichloromethane	9.871	83	585372	103.520	ug/l		100
48) Methyl methacrylate	9.659	41	512503	108.100	ug/l		99
49) 1,4-Dioxane	9.682	88	124110	2077.291	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.424	43	3302590	542.564	ug/l		100
52) Toluene	10.606	92	962754	101.291	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	633621	105.515	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	656506	103.040	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	342175	94.361	ug/l		97
56) Ethyl methacrylate	10.853	69	625749	108.210	ug/l		99
57) 1,3-Dichloropropane	11.141	76	640348	100.162	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1692209	548.624	ug/l		100
59) 2-Hexanone	11.177	43	2217550	553.982	ug/l		99
60) Dibromochloromethane	11.335	129	410889	99.677	ug/l		98
61) 1,2-Dibromoethane	11.447	107	368152	98.366	ug/l		100
64) Tetrachloroethene	11.082	164	357404	116.335	ug/l		95
65) Chlorobenzene	11.871	112	1006420	98.505	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	338748	100.385	ug/l		99
67) Ethyl Benzene	11.941	91	1873691	104.486	ug/l		99
68) m/p-Xylenes	12.047	106	1384206	206.446	ug/l		97
69) o-Xylene	12.376	106	657970	103.552	ug/l		99
70) Styrene	12.388	104	1127962	108.366	ug/l		99
71) Bromoform	12.559	173	265738	105.669	ug/l	#	98
73) Isopropylbenzene	12.671	105	1773457	102.764	ug/l		100
74) N-amyl acetate	12.488	43	587472	119.520	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.918	83	498007	92.311	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	516579m	99.018	ug/l		
77) Bromobenzene	12.959	156	379553	100.455	ug/l		99
78) n-propylbenzene	13.012	91	2164268	102.898	ug/l		99
79) 2-Chlorotoluene	13.106	91	1244218	102.723	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	1451677	101.248	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	198381	104.496	ug/l	#	88
82) 4-Chlorotoluene	13.200	91	1292288	98.511	ug/l		100
83) tert-Butylbenzene	13.418	119	1236180	97.579	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	1467849	102.168	ug/l		98
85) sec-Butylbenzene	13.594	105	1809286	97.599	ug/l		100
86) p-Isopropyltoluene	13.706	119	1507703	100.961	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	735647	98.718	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	746880	92.975	ug/l		99
89) n-Butylbenzene	14.035	91	1480732	100.761	ug/l		99
90) Hexachloroethane	14.312	117	265251	92.554	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	700211	97.354	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	131734	102.833	ug/l		99
93) 1,2,4-Trichlorobenzene	15.364	180	419347	96.834	ug/l		97
94) Hexachlorobutadiene	15.476	225	155408	97.909	ug/l		97
95) Naphthalene	15.612	128	1528952	102.050	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	408194	97.651	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088348.D
Acq On : 24 Nov 2025 14:14
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:12:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 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

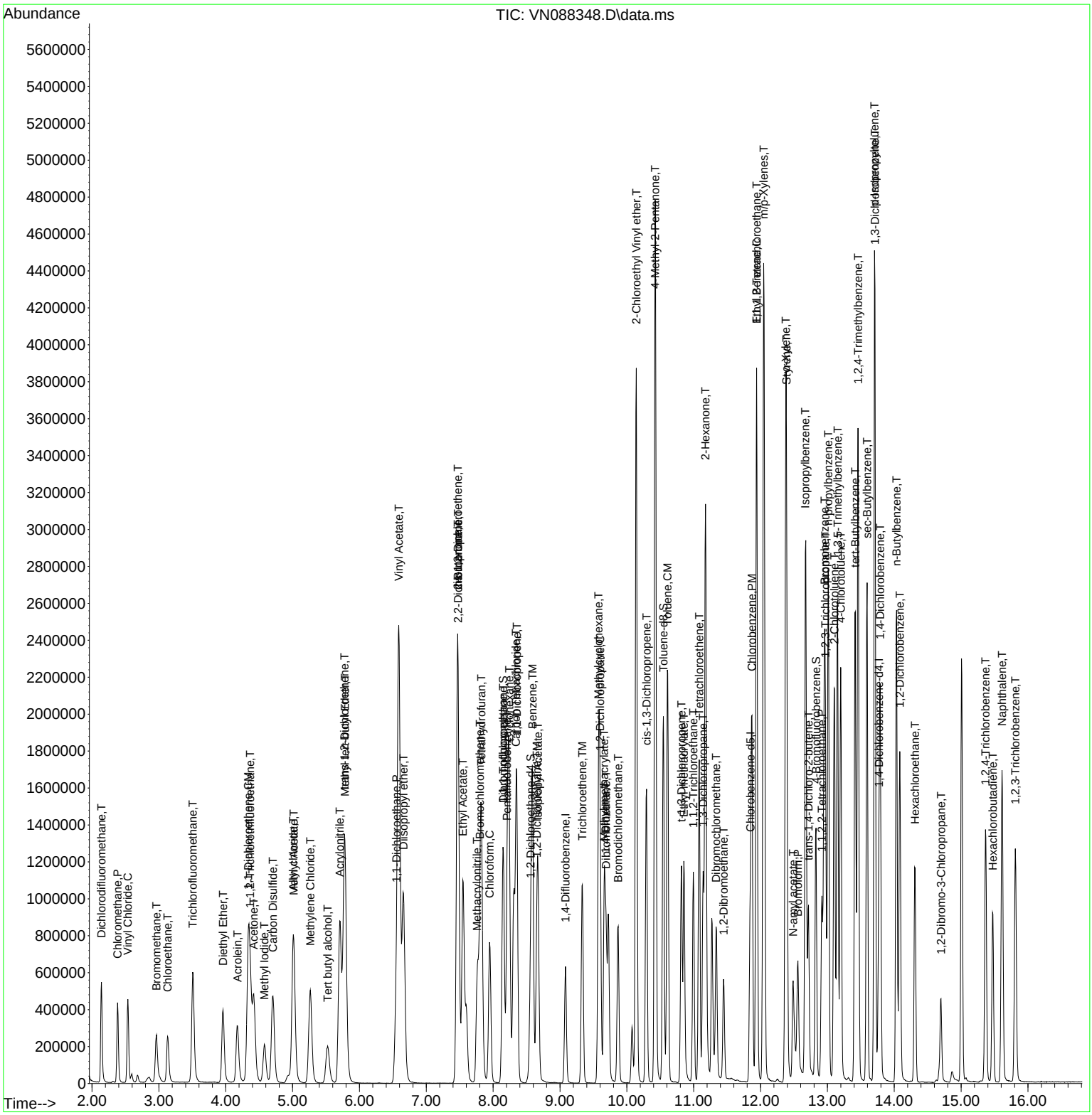
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088348.D
Acq On : 24 Nov 2025 14:14
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 01:12:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088349.D
Acq On : 24 Nov 2025 14:35
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 01:13:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	278091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	508326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	457447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	800654	159.167	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 318.340%#			
35) Dibromofluoromethane	8.147	113	514160	147.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.020%#			
50) Toluene-d8	10.547	98	2002008	150.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 301.420%#			
62) 4-Bromofluorobenzene	12.829	95	734676	157.441	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 314.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	614298	180.703	ug/l	97
3) Chloromethane	2.383	50	637070	161.216	ug/l	98
4) Vinyl Chloride	2.536	62	643786	152.025	ug/l	99
5) Bromomethane	2.948	94	327351	132.741	ug/l	99
6) Chloroethane	3.124	64	404469	135.623	ug/l	99
7) Trichlorofluoromethane	3.506	101	880178	134.591	ug/l	97
8) Diethyl Ether	3.959	74	342692	137.150	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	461517	136.083	ug/l	99
10) Methyl Iodide	4.583	142	530186	162.959	ug/l	96
11) Tert butyl alcohol	5.524	59	615624	700.111	ug/l	99
12) 1,1-Dichloroethene	4.336	96	461833	128.534	ug/l	95
13) Acrolein	4.177	56	614784	639.165	ug/l	98
14) Allyl chloride	5.012	41	947252m	147.136	ug/l	
15) Acrylonitrile	5.706	53	1745154	730.587	ug/l	100
16) Acetone	4.418	43	1310595	539.272	ug/l	100
17) Carbon Disulfide	4.700	76	1529256	137.911	ug/l	99
18) Methyl Acetate	5.018	43	822075	155.669	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	1946194	144.173	ug/l	97
20) Methylene Chloride	5.259	84	565609	132.915	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	522186	131.362	ug/l	100
22) Diisopropyl ether	6.659	45	2022262	149.459	ug/l	98
23) Vinyl Acetate	6.589	43	8352858m	697.381	ug/l	
24) 1,1-Dichloroethane	6.553	63	1073175	142.923	ug/l	98
25) 2-Butanone	7.471	43	2317712	701.347	ug/l	96
26) 2,2-Dichloropropane	7.477	77	948461	140.541	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	621100	134.889	ug/l	99
28) Bromochloromethane	7.794	49	498418	142.113	ug/l	100
29) Tetrahydrofuran	7.824	42	1661991	756.181	ug/l	99
30) Chloroform	7.947	83	1072381	143.821	ug/l	95
31) Cyclohexane	8.236	56	925517	133.789	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	920717	139.956	ug/l	96
36) 1,1-Dichloropropene	8.353	75	747080	145.584	ug/l	100
37) Ethyl Acetate	7.547	43	1038194	152.172	ug/l	100
38) Carbon Tetrachloride	8.341	117	776182	146.756	ug/l	96
39) Methylcyclohexane	9.583	83	856176	133.452	ug/l	96
40) Benzene	8.588	78	2252306	142.862	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088349.D
Acq On : 24 Nov 2025 14:35
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 01:13:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.759	41	533051	150.887 ug/l		98
42) 1,2-Dichloroethane	8.653	62	895667	157.152 ug/l		99
43) Isopropyl Acetate	8.671	43	1638317	157.450 ug/l		99
44) Trichloroethene	9.335	130	529981	144.265 ug/l		98
45) 1,2-Dichloropropane	9.600	63	581336	145.238 ug/l		95
46) Dibromomethane	9.688	93	422737	147.782 ug/l		100
47) Bromodichloromethane	9.871	83	863631	150.736 ug/l		100
48) Methyl methacrylate	9.665	41	781838	162.758 ug/l		99
49) 1,4-Dioxane	9.683	88	191377	3161.388 ug/l	#	97
51) 4-Methyl-2-Pentanone	10.424	43	4963362	804.767 ug/l		99
52) Toluene	10.612	92	1389323	144.264 ug/l		99
53) t-1,3-Dichloropropene	10.818	75	953623	156.732 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	975877	151.168 ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	513073	139.644 ug/l		99
56) Ethyl methacrylate	10.853	69	954630	162.929 ug/l		99
57) 1,3-Dichloropropane	11.141	76	948252	146.389 ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	2298552	735.483 ug/l		100
59) 2-Hexanone	11.177	43	3427514	845.082 ug/l		99
60) Dibromochloromethane	11.335	129	615359	147.332 ug/l		98
61) 1,2-Dibromoethane	11.447	107	548222	144.568 ug/l		99
64) Tetrachloroethene	11.082	164	503663	157.444 ug/l		98
65) Chlorobenzene	11.871	112	1467895	137.978 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	494738	140.800 ug/l		98
67) Ethyl Benzene	11.941	91	2679329	143.490 ug/l		99
68) m/p-Xylenes	12.047	106	1999338	286.370 ug/l		98
69) o-Xylene	12.376	106	971419	146.823 ug/l		99
70) Styrene	12.388	104	1660474	153.203 ug/l		99
71) Bromoform	12.559	173	404703	154.550 ug/l	#	99
73) Isopropylbenzene	12.671	105	2520465	141.411 ug/l		99
74) N-amyl acetate	12.482	43	1006304	198.228 ug/l	#	95
75) 1,1,2,2-Tetrachloroethane	12.918	83	735899	132.074 ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	778772m	144.533 ug/l		
77) Bromobenzene	12.959	156	554789	142.170 ug/l		97
78) n-propylbenzene	13.012	91	3057578	140.752 ug/l		100
79) 2-Chlorotoluene	13.100	91	1823307	145.751 ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	2086957	140.933 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	314465	160.381 ug/l	#	91
82) 4-Chlorotoluene	13.200	91	1905793	140.664 ug/l		99
83) tert-Butylbenzene	13.418	119	1733611	132.498 ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	2111285	142.286 ug/l		99
85) sec-Butylbenzene	13.594	105	2498053	130.473 ug/l		100
86) p-Isopropyltoluene	13.706	119	2089505	135.476 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1070574	139.099 ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	1093471	131.796 ug/l		99
89) n-Butylbenzene	14.035	91	2025634	133.462 ug/l		99
90) Hexachloroethane	14.306	117	376335	127.143 ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	1023417	137.771 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	204222	154.355 ug/l		100
93) 1,2,4-Trichlorobenzene	15.365	180	623560	139.416 ug/l		99
94) Hexachlorobutadiene	15.470	225	208495	127.182 ug/l		97
95) Naphthalene	15.612	128	2308447	149.183 ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	605584	140.271 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088349.D
Acq On : 24 Nov 2025 14:35
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:13:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

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

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

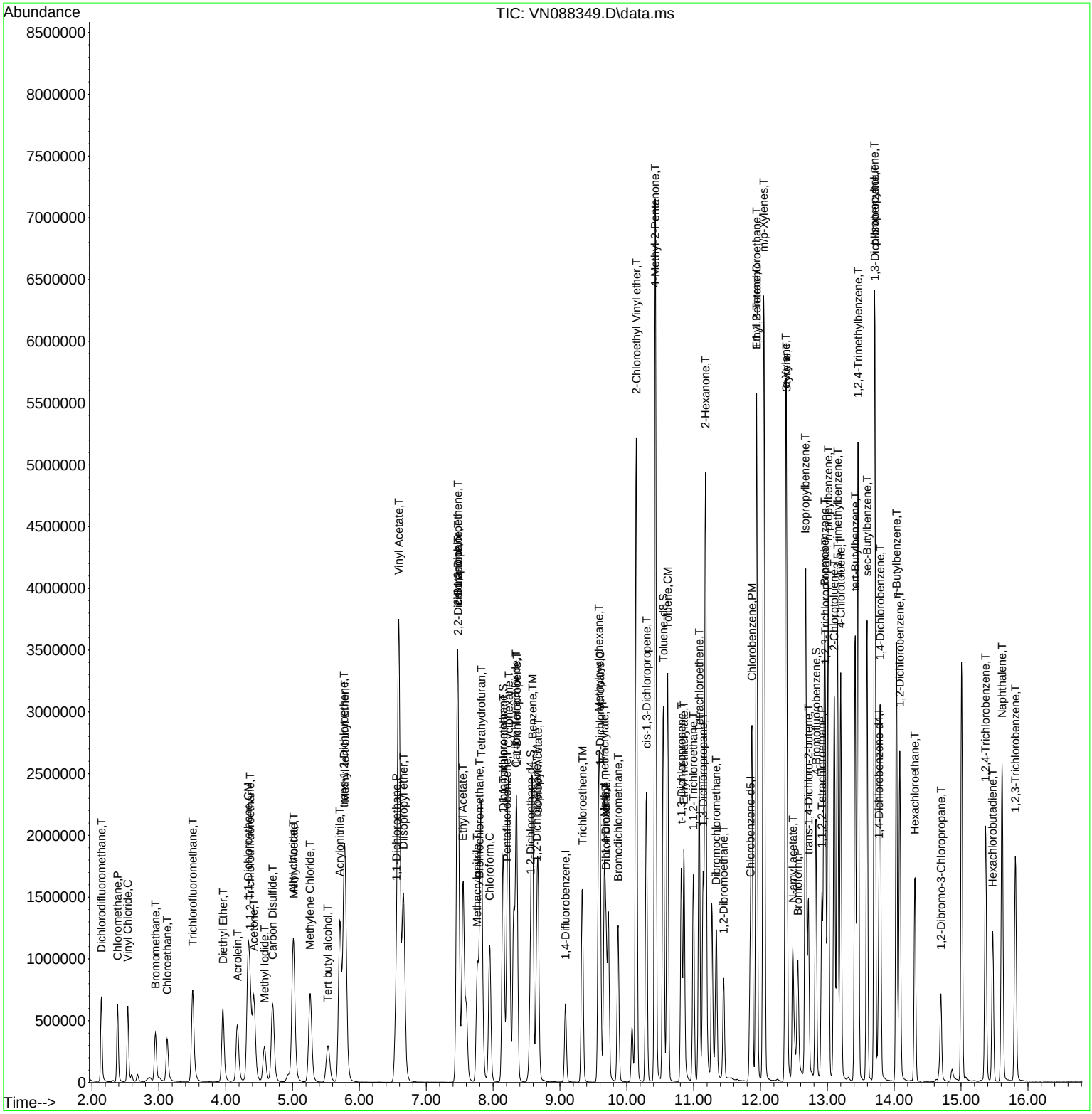
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088349.D
Acq On : 24 Nov 2025 14:35
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 01:13:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	264693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	504031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	443578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234844	47.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.200%			
35) Dibromofluoromethane	8.153	113	152840	43.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.520%			
50) Toluene-d8	10.547	98	574351	44.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.380%			
62) 4-Bromofluorobenzene	12.829	95	199878	44.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	204306	51.389	ug/l	96
3) Chloromethane	2.383	50	224506	52.578	ug/l	98
4) Vinyl Chloride	2.536	62	216512	49.842	ug/l	99
5) Bromomethane	2.977	94	113722	54.393	ug/l	95
6) Chloroethane	3.142	64	138310	51.450	ug/l	96
7) Trichlorofluoromethane	3.512	101	304206	49.826	ug/l	96
8) Diethyl Ether	3.965	74	122332	53.384	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	153067	47.094	ug/l	96
10) Methyl Iodide	4.589	142	173671	53.976	ug/l	95
11) Tert butyl alcohol	5.518	59	213569	268.272	ug/l	99
12) 1,1-Dichloroethene	4.342	96	158096	48.957	ug/l	94
13) Acrolein	4.177	56	203235	266.656	ug/l	99
14) Allyl chloride	5.018	41	321979	53.793	ug/l	99
15) Acrylonitrile	5.706	53	637644	277.614	ug/l	99
16) Acetone	4.418	43	450459	249.797	ug/l	100
17) Carbon Disulfide	4.706	76	544067	51.558	ug/l	100
18) Methyl Acetate	5.018	43	290918	54.196	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	694497	57.401	ug/l	95
20) Methylene Chloride	5.265	84	208952	54.158	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	191102	53.421	ug/l	99
22) Diisopropyl ether	6.653	45	719883	56.335	ug/l	97
23) Vinyl Acetate	6.588	43	2915087m	283.141	ug/l	
24) 1,1-Dichloroethane	6.559	63	394512	54.516	ug/l	99
25) 2-Butanone	7.471	43	807706	278.613	ug/l	97
26) 2,2-Dichloropropane	7.471	77	337031	53.957	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	223944	53.866	ug/l	99
28) Bromochloromethane	7.794	49	167723	46.526	ug/l	100
29) Tetrahydrofuran	7.824	42	581218	279.515	ug/l	99
30) Chloroform	7.947	83	383675	53.957	ug/l	95
31) Cyclohexane	8.241	56	316159	48.211	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	319795	51.150	ug/l	100
36) 1,1-Dichloropropene	8.353	75	253183	46.967	ug/l	98
37) Ethyl Acetate	7.547	43	364546	51.431	ug/l	99
38) Carbon Tetrachloride	8.341	117	262078	48.837	ug/l	98
39) Methylcyclohexane	9.577	83	276272	47.913	ug/l	98
40) Benzene	8.588	78	803742	50.800	ug/l	100

ICAL Form

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	189164	53.883	ug/l		98
42) 1,2-Dichloroethane	8.653	62	318757	52.806	ug/l		99
43) Isopropyl Acetate	8.671	43	575762	53.165	ug/l		100
44) Trichloroethene	9.335	130	184844	49.444	ug/l		97
45) 1,2-Dichloropropane	9.600	63	211177	52.095	ug/l		96
46) Dibromomethane	9.688	93	152417	52.686	ug/l		100
47) Bromodichloromethane	9.871	83	307856	52.155	ug/l		100
48) Methyl methacrylate	9.665	41	269474	54.535	ug/l		99
49) 1,4-Dioxane	9.682	88	64188	1021.452	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	1745522	273.447	ug/l		100
52) Toluene	10.612	92	475044	51.998	ug/l		100
53) t-1,3-Dichloropropene	10.812	75	323712	53.428	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	344582	54.081	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	182138	51.530	ug/l		98
56) Ethyl methacrylate	10.853	69	323702	57.977	ug/l		98
57) 1,3-Dichloropropane	11.141	76	338609	53.102	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	851755	264.613	ug/l		100
59) 2-Hexanone	11.176	43	1118254	278.086	ug/l		99
60) Dibromochloromethane	11.341	129	212150	52.650	ug/l		98
61) 1,2-Dibromoethane	11.447	107	191658	53.546	ug/l		99
64) Tetrachloroethene	11.082	164	164101	46.666	ug/l		96
65) Chlorobenzene	11.871	112	512644	51.452	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	174200	51.838	ug/l		98
67) Ethyl Benzene	11.941	91	899198	51.635	ug/l		100
68) m/p-Xylenes	12.047	106	679183	105.191	ug/l		99
69) o-Xylene	12.376	106	322403	52.376	ug/l		100
70) Styrene	12.388	104	550033	55.031	ug/l		100
71) Bromoform	12.559	173	132448	53.811	ug/l	#	100
73) Isopropylbenzene	12.670	105	827973	52.866	ug/l		100
74) N-amyl acetate	12.500	43	221082m	41.449	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	253948	50.155	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	269266m	54.274	ug/l		
77) Bromobenzene	12.959	156	191381	53.406	ug/l		98
78) n-propylbenzene	13.012	91	1004887	52.446	ug/l		100
79) 2-Chlorotoluene	13.106	91	599091	51.202	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	687007	52.936	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	96389	55.117	ug/l	#	95
82) 4-Chlorotoluene	13.200	91	628637	54.093	ug/l		99
83) tert-Butylbenzene	13.417	119	569932	51.660	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	703272	54.519	ug/l		98
85) sec-Butylbenzene	13.594	105	812817	51.285	ug/l		100
86) p-Isopropyltoluene	13.706	119	678617	52.216	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	357734	51.282	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	372290	50.949	ug/l		98
89) n-Butylbenzene	14.035	91	644062	51.040	ug/l		99
90) Hexachloroethane	14.306	117	118158	49.768	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	344212	52.435	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62186	50.621	ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	200095	51.301	ug/l		99
94) Hexachlorobutadiene	15.476	225	64430	45.969	ug/l		97
95) Naphthalene	15.611	128	719827	53.258	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	188353	49.620	ug/l		97

ICAL Form

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Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

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

ICAL Form

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Instrument :
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Manual Integrations APPROVED

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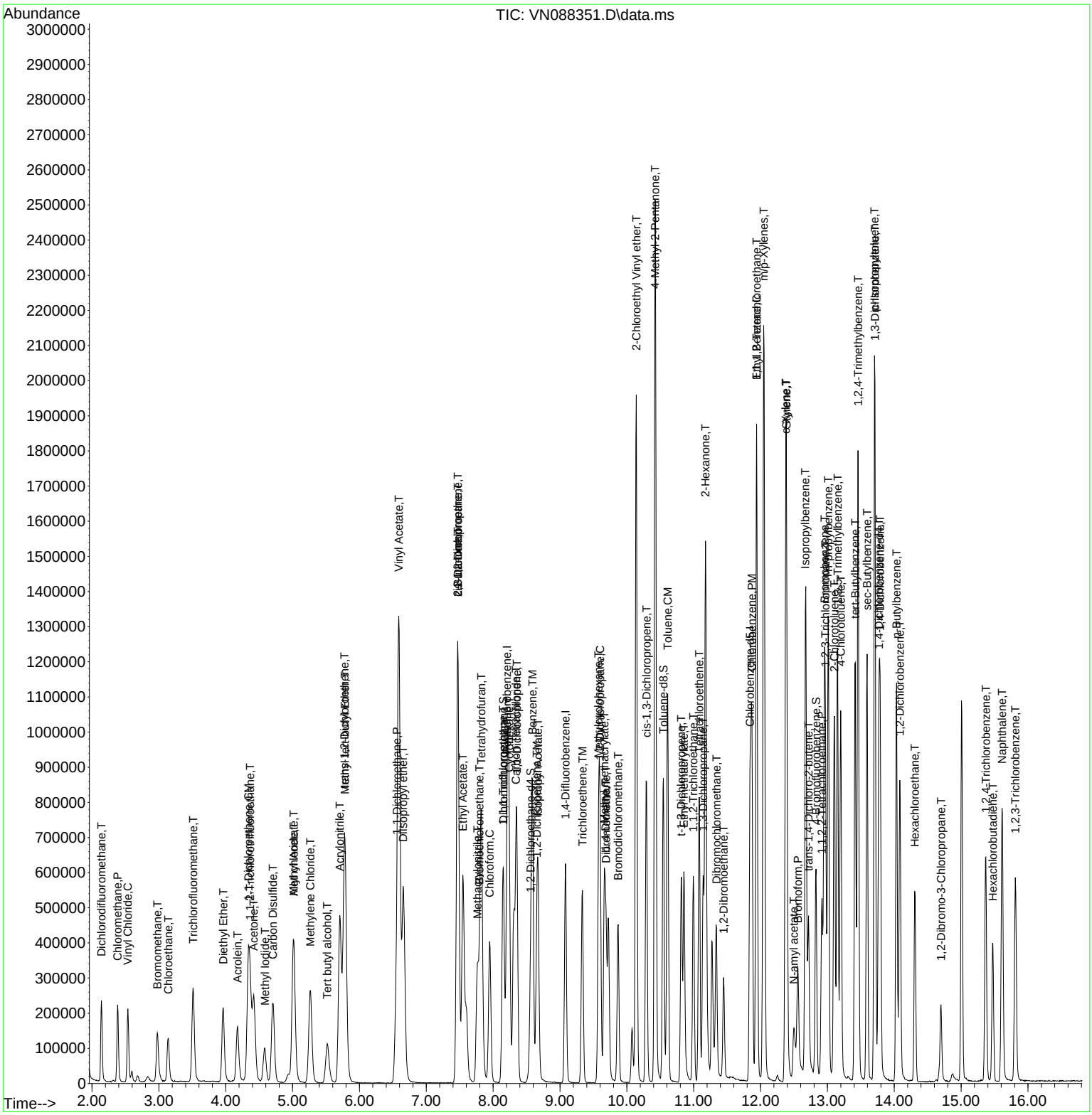

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	104	0.00
2	T	Dichlorodifluoromethane	0.751	0.772	-2.8	108	0.00
3	P	Chloromethane	0.807	0.848	-5.1	110	0.00
4	C	Vinyl Chloride	0.821	0.818	0.4#	105	0.00
5	T	Bromomethane	0.395	0.430	-8.9	113	0.00
6	T	Chloroethane	0.508	0.523	-3.0	108	0.00
7	T	Trichlorofluoromethane	1.153	1.149	0.3	110	0.00
8	T	Diethyl Ether	0.433	0.462	-6.7	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.578	5.9	107	0.00
10	T	Methyl Iodide	0.608	0.656	-7.9	103	0.00
11	T	Tert butyl alcohol	0.150	0.161	-7.3	104	0.00
12	CM	1,1-Dichloroethene	0.610	0.597	2.1#	109	0.00
13	T	Acrolein	0.144	0.154	-6.9	106	0.00
14	T	Allyl chloride	1.131	1.216	-7.5	110	0.00
15	T	Acrylonitrile	0.434	0.482	-11.1	107	0.00
16	T	Acetone	0.341	0.340	0.3	106	0.00
17	T	Carbon Disulfide	1.993	2.055	-3.1	108	0.00
18	T	Methyl Acetate	1.014	1.099	-8.4	109	0.00
19	T	Methyl tert-butyl Ether	2.285	2.624	-14.8	109	0.00
20	T	Methylene Chloride	0.729	0.789	-8.2	109	0.00
21	T	trans-1,2-Dichloroethene	0.676	0.722	-6.8	110	0.00
22	T	Diisopropyl ether	2.414	2.720	-12.7	110	0.00
23	T	Vinyl Acetate	1.945	2.203	-13.3	107	0.00
24	P	1,1-Dichloroethane	1.367	1.490	-9.0	109	0.00
25	T	2-Butanone	0.548	0.610	-11.3	107	0.00
26	T	2,2-Dichloropropane	1.180	1.273	-7.9	110	0.00
27	T	cis-1,2-Dichloroethene	0.785	0.846	-7.8	106	0.00
28	T	Bromochloromethane	0.681	0.634	6.9	90	0.00
29	T	Tetrahydrofuran	0.393	0.439	-11.7	106	0.00
30	C	Chloroform	1.343	1.450	-8.0#	108	0.00
31	T	Cyclohexane	1.239	1.194	3.6	110	0.00
32	T	1,1,1-Trichloroethane	1.181	1.208	-2.3	109	0.00
33	S	1,2-Dichloroethane-d4	0.942	0.887	5.8	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.346	0.303	12.4	91	0.00
36	T	1,1-Dichloropropene	0.535	0.502	6.2	107	0.00
37	T	Ethyl Acetate	0.703	0.723	-2.8	105	0.00
38	T	Carbon Tetrachloride	0.532	0.520	2.3	109	0.00
39	T	Methylcyclohexane	0.572	0.548	4.2	109	0.00
40	TM	Benzene	1.570	1.595	-1.6	107	0.00
41	T	Methacrylonitrile	0.348	0.375	-7.8	110	0.00
42	TM	1,2-Dichloroethane	0.599	0.632	-5.5	108	0.00
43	T	Isopropyl Acetate	1.074	1.142	-6.3	107	0.00
44	TM	Trichloroethene	0.371	0.367	1.1	108	0.00
45	C	1,2-Dichloropropane	0.402	0.419	-4.2#	108	0.00
46	T	Dibromomethane	0.287	0.302	-5.2	108	0.00
47	T	Bromodichloromethane	0.586	0.611	-4.3	109	0.00
48	T	Methyl methacrylate	0.490	0.535	-9.2	109	0.00

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	101	0.00
50	S	Toluene-d8	1.289	1.140	11.6	93	0.00
51	T	4-Methyl-2-Pentanone	0.633	0.693	-9.5	108	0.00
52	CM	Toluene	0.906	0.942	-4.0#	108	0.00
53	T	t-1,3-Dichloropropene	0.601	0.642	-6.8	107	0.00
54	T	cis-1,3-Dichloropropene	0.632	0.684	-8.2	108	0.00
55	T	1,1,2-Trichloroethane	0.351	0.361	-2.8	107	0.00
56	T	Ethyl methacrylate	0.554	0.642	-15.9	109	0.00
57	T	1,3-Dichloropropane	0.633	0.672	-6.2	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.319	0.338	-6.0	97	0.00
59	T	2-Hexanone	0.399	0.444	-11.3	107	0.00
60	T	Dibromochloromethane	0.400	0.421	-5.2	108	0.00
61	T	1,2-Dibromoethane	0.355	0.380	-7.0	108	0.00
62	S	4-Bromofluorobenzene	0.442	0.397	10.2	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.396	0.370	6.6	102	0.00
65	PM	Chlorobenzene	1.123	1.156	-2.9	109	0.00
66	T	1,1,1,2-Tetrachloroethane	0.379	0.393	-3.7	107	0.00
67	C	Ethyl Benzene	1.963	2.027	-3.3#	109	0.00
68	T	m/p-Xylenes	0.728	0.766	-5.2	109	0.00
69	T	o-Xylene	0.694	0.727	-4.8	109	0.00
70	T	Styrene	1.127	1.240	-10.0	108	0.00
71	P	Bromoform	0.277	0.299	-7.9	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.697	3.909	-5.7	110	0.00
74	T	N-amyl acetate	1.259	1.044	17.1	101	0.00
75	P	1,1,2,2-Tetrachloroethane	1.195	1.199	-0.3	108	0.00
76	T	1,2,3-Trichloropropane	1.171	1.271	-8.5	107	0.00
77	T	Bromobenzene	0.846	0.903	-6.7	106	0.00
78	T	n-propylbenzene	4.523	4.744	-4.9	109	0.00
79	T	2-Chlorotoluene	2.762	2.828	-2.4	106	0.00
80	T	1,3,5-Trimethylbenzene	3.063	3.243	-5.9	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.413	0.455	-10.2	107	0.00
82	T	4-Chlorotoluene	2.743	2.968	-8.2	106	0.00
83	T	tert-Butylbenzene	2.604	2.691	-3.3	109	0.00
84	T	1,2,4-Trimethylbenzene	3.045	3.320	-9.0	108	0.00
85	T	sec-Butylbenzene	3.741	3.837	-2.6	108	0.00
86	T	p-Isopropyltoluene	3.068	3.204	-4.4	107	0.00
87	T	1,3-Dichlorobenzene	1.647	1.689	-2.6	107	0.00
88	T	1,4-Dichlorobenzene	1.725	1.758	-1.9	106	0.00
89	T	n-Butylbenzene	2.979	3.041	-2.1	107	0.00
90	T	Hexachloroethane	0.560	0.558	0.4	106	0.00
91	T	1,2-Dichlorobenzene	1.550	1.625	-4.8	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.290	0.294	-1.4	103	0.00
93	T	1,2,4-Trichlorobenzene	0.921	0.945	-2.6	108	0.00
94	T	Hexachlorobutadiene	0.331	0.304	8.2	104	0.00
95	T	Naphthalene	3.190	3.398	-6.5	105	0.00

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Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	0.896	0.889	0.8	103	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\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	51.389	-2.8	108	0.00
3	P	Chloromethane	50.000	52.578	-5.2	110	0.00
4	C	Vinyl Chloride	50.000	49.842	0.3#	105	0.00
5	T	Bromomethane	50.000	54.393	-8.8	113	0.00
6	T	Chloroethane	50.000	51.450	-2.9	108	0.00
7	T	Trichlorofluoromethane	50.000	49.826	0.3	110	0.00
8	T	Diethyl Ether	50.000	53.384	-6.8	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.094	5.8	107	0.00
10	T	Methyl Iodide	50.000	53.976	-8.0	103	0.00
11	T	Tert butyl alcohol	250.000	268.272	-7.3	104	0.00
12	CM	1,1-Dichloroethene	50.000	48.957	2.1#	109	0.00
13	T	Acrolein	250.000	266.656	-6.7	106	0.00
14	T	Allyl chloride	50.000	53.793	-7.6	110	0.00
15	T	Acrylonitrile	250.000	277.614	-11.0	107	0.00
16	T	Acetone	250.000	249.797	0.1	106	0.00
17	T	Carbon Disulfide	50.000	51.558	-3.1	108	0.00
18	T	Methyl Acetate	50.000	54.196	-8.4	109	0.00
19	T	Methyl tert-butyl Ether	50.000	57.401	-14.8	109	0.00
20	T	Methylene Chloride	50.000	54.158	-8.3	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.421	-6.8	110	0.00
22	T	Diisopropyl ether	50.000	56.335	-12.7	110	0.00
23	T	Vinyl Acetate	250.000	283.141	-13.3	107	0.00
24	P	1,1-Dichloroethane	50.000	54.516	-9.0	109	0.00
25	T	2-Butanone	250.000	278.613	-11.4	107	0.00
26	T	2,2-Dichloropropane	50.000	53.957	-7.9	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.866	-7.7	106	0.00
28	T	Bromochloromethane	50.000	46.526	6.9	90	0.00
29	T	Tetrahydrofuran	250.000	279.515	-11.8	106	0.00
30	C	Chloroform	50.000	53.957	-7.9#	108	0.00
31	T	Cyclohexane	50.000	48.211	3.6	110	0.00
32	T	1,1,1-Trichloroethane	50.000	51.150	-2.3	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.098	5.8	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	43.757	12.5	91	0.00
36	T	1,1-Dichloropropene	50.000	46.967	6.1	107	0.00
37	T	Ethyl Acetate	50.000	51.431	-2.9	105	0.00
38	T	Carbon Tetrachloride	50.000	48.837	2.3	109	0.00
39	T	Methylcyclohexane	50.000	47.913	4.2	109	0.00
40	TM	Benzene	50.000	50.800	-1.6	107	0.00
41	T	Methacrylonitrile	50.000	53.883	-7.8	110	0.00
42	TM	1,2-Dichloroethane	50.000	52.806	-5.6	108	0.00
43	T	Isopropyl Acetate	50.000	53.165	-6.3	107	0.00
44	TM	Trichloroethene	50.000	49.444	1.1	108	0.00
45	C	1,2-Dichloropropane	50.000	52.095	-4.2#	108	0.00
46	T	Dibromomethane	50.000	52.686	-5.4	108	0.00
47	T	Bromodichloromethane	50.000	52.155	-4.3	109	0.00
48	T	Methyl methacrylate	50.000	54.535	-9.1	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1021.452	-2.1	101	0.00
50	S	Toluene-d8	50.000	44.193	11.6	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.447	-9.4	108	0.00
52	CM	Toluene	50.000	51.998	-4.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	53.428	-6.9	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.081	-8.2	108	0.00
55	T	1,1,2-Trichloroethane	50.000	51.530	-3.1	107	0.00
56	T	Ethyl methacrylate	50.000	57.977	-16.0	109	0.00
57	T	1,3-Dichloropropane	50.000	53.102	-6.2	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.613	-5.8	97	0.00
59	T	2-Hexanone	250.000	278.086	-11.2	107	0.00
60	T	Dibromochloromethane	50.000	52.650	-5.3	108	0.00
61	T	1,2-Dibromoethane	50.000	53.546	-7.1	108	0.00
62	S	4-Bromofluorobenzene	50.000	44.823	10.4	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	46.666	6.7	102	0.00
65	PM	Chlorobenzene	50.000	51.452	-2.9	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.838	-3.7	107	0.00
67	C	Ethyl Benzene	50.000	51.635	-3.3#	109	0.00
68	T	m/p-Xylenes	100.000	105.191	-5.2	109	0.00
69	T	o-Xylene	50.000	52.376	-4.8	109	0.00
70	T	Styrene	50.000	55.031	-10.1	108	0.00
71	P	Bromoform	50.000	53.811	-7.6	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	52.866	-5.7	110	0.00
74	T	N-amyl acetate	50.000	41.449	17.1	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.155	-0.3	108	0.00
76	T	1,2,3-Trichloropropane	50.000	54.274	-8.5	107	0.00
77	T	Bromobenzene	50.000	53.406	-6.8	106	0.00
78	T	n-propylbenzene	50.000	52.446	-4.9	109	0.00
79	T	2-Chlorotoluene	50.000	51.202	-2.4	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.936	-5.9	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.117	-10.2	107	0.00
82	T	4-Chlorotoluene	50.000	54.093	-8.2	106	0.00
83	T	tert-Butylbenzene	50.000	51.660	-3.3	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.519	-9.0	108	0.00
85	T	sec-Butylbenzene	50.000	51.285	-2.6	108	0.00
86	T	p-Isopropyltoluene	50.000	52.216	-4.4	107	0.00
87	T	1,3-Dichlorobenzene	50.000	51.282	-2.6	107	0.00
88	T	1,4-Dichlorobenzene	50.000	50.949	-1.9	106	0.00
89	T	n-Butylbenzene	50.000	51.040	-2.1	107	0.00
90	T	Hexachloroethane	50.000	49.768	0.5	106	0.00
91	T	1,2-Dichlorobenzene	50.000	52.435	-4.9	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.621	-1.2	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.301	-2.6	108	0.00
94	T	Hexachlorobutadiene	50.000	45.969	8.1	104	0.00
95	T	Naphthalene	50.000	53.258	-6.5	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112425

Quant Time: Nov 25 01:39:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	49.620	0.8	103	0.00

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

Raw Data: **VN088370.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3738
Instrument ID:	MSVOA_N	Calibration Date/Time:	12/01/2025 09:58
Lab File ID:	VN088370.D	Init. Calib. Date(s):	11/24/2025 11/24/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:38 14:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.815		8.52	20
Chloromethane	0.807	0.858	0.1	6.32	20
Vinyl Chloride	0.821	0.851		3.65	20
Bromomethane	0.395	0.408		3.29	20
Chloroethane	0.508	0.525		3.35	20
Trichlorofluoromethane	1.153	1.195		3.64	20
1,1,2-Trichlorotrifluoroethane	0.614	0.636		3.58	20
Tert butyl alcohol	0.150	0.157		4.67	20
1,1-Dichloroethene	0.610	0.607		-0.49	20
Acetone	0.341	0.269		-21.11	20
Carbon Disulfide	1.993	2.083		4.52	20
Methyl tert-butyl Ether	2.285	2.626		14.92	20
Methyl Acetate	1.014	1.108		9.27	20
Methylene Chloride	0.729	0.791		8.51	20
trans-1,2-Dichloroethene	0.676	0.724		7.1	20
1,1-Dichloroethane	1.367	1.456	0.1	6.51	20
Cyclohexane	1.239	1.285		3.71	20
2-Butanone	0.548	0.541		-1.28	20
Carbon Tetrachloride	0.532	0.584		9.77	20
cis-1,2-Dichloroethene	0.785	0.861		9.68	20
Bromochloromethane	0.681	0.672		-1.32	20
Chloroform	1.343	1.443		7.45	20
1,1,1-Trichloroethane	1.181	1.220		3.3	20
Methylcyclohexane	0.572	0.664		16.08	20
Benzene	1.570	1.738		10.7	20
1,2-Dichloroethane	0.599	0.676		12.85	20
Trichloroethene	0.371	0.415		11.86	20
1,2-Dichloropropane	0.402	0.453		12.69	20
Bromodichloromethane	0.586	0.670		14.33	20
4-Methyl-2-Pentanone	0.633	0.747		18.01	20
Toluene	0.906	1.034		14.13	20
t-1,3-Dichloropropene	0.601	0.701		16.64	20
cis-1,3-Dichloropropene	0.632	0.748		18.35	20
1,1,2-Trichloroethane	0.351	0.400		13.96	20
2-Hexanone	0.399	0.458		14.79	20
Dibromochloromethane	0.400	0.464		16	20
1,2-Dibromoethane	0.355	0.413		16.34	20
Tetrachloroethene	0.396	0.425		7.32	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: GENV01

Lab Code: ACE | SDG No.: Q3738

Instrument ID: MSVOA_N | Calibration Date/Time: 12/01/2025 09:58

Lab File ID: VN088370.D | Init. Calib. Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:38 14:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.123	1.242	0.3	10.6	20
Ethyl Benzene	1.963	2.187		11.41	20
m/p-Xylenes	0.728	0.816		12.09	20
o-Xylene	0.694	0.778		12.1	20
Styrene	1.127	1.336		18.55	20
Bromoform	0.277	0.337	0.1	21.66	20
Isopropylbenzene	3.697	4.179		13.04	20
1,1,2,2-Tetrachloroethane	1.195	1.313	0.3	9.87	20
1,3-Dichlorobenzene	1.647	1.852		12.45	20
1,4-Dichlorobenzene	1.725	1.901		10.2	20
1,2-Dichlorobenzene	1.550	1.757		13.35	20
1,2-Dibromo-3-Chloropropane	0.290	0.317		9.31	20
1,2,4-Trichlorobenzene	0.921	1.042		13.14	20
1,2,3-Trichlorobenzene	0.896	0.989		10.38	20
1,2-Dichloroethane-d4	0.942	0.958		1.7	20
Dibromofluoromethane	0.346	0.377		8.96	20
Toluene-d8	1.289	1.356		5.2	20
4-Bromofluorobenzene	0.442	0.472		6.79	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\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	262500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	457607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	408098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	197460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	251592	50.878	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.147	113	172647	54.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.880%			
50) Toluene-d8	10.541	98	620606	52.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.200%			
62) 4-Bromofluorobenzene	12.823	95	216098	53.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	213988	54.274	ug/l	98
3) Chloromethane	2.383	50	225109	53.159	ug/l	97
4) Vinyl Chloride	2.536	62	223310	51.837	ug/l	98
5) Bromomethane	2.977	94	107123	51.665	ug/l	97
6) Chloroethane	3.136	64	137709	51.654	ug/l	96
7) Trichlorofluoromethane	3.512	101	313594	51.793	ug/l	100
8) Diethyl Ether	3.965	74	122135	53.743	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	166917	51.784	ug/l	97
10) Methyl Iodide	4.577	142	178922	56.072	ug/l	100
11) Tert butyl alcohol	5.518	59	205497	260.289	ug/l	97
12) 1,1-Dichloroethene	4.342	96	159359	49.760	ug/l	98
13) Acrolein	4.171	56	291964	386.274	ug/l	98
14) Allyl chloride	5.012	41	306169	51.579	ug/l	99
15) Acrylonitrile	5.706	53	631123	277.070	ug/l	99
16) Acetone	4.418	43	353017	197.397	ug/l	99
17) Carbon Disulfide	4.700	76	546678	52.238	ug/l	100
18) Methyl Acetate	5.012	43	290775	54.622	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	689442	57.460	ug/l	96
20) Methylene Chloride	5.265	84	207762	54.299	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	190100	53.585	ug/l	98
22) Diisopropyl ether	6.653	45	704752	55.612	ug/l	98
23) Vinyl Acetate	6.589	43	2933303m	287.290	ug/l	
24) 1,1-Dichloroethane	6.553	63	382166	53.252	ug/l	99
25) 2-Butanone	7.465	43	709877	246.913	ug/l	99
26) 2,2-Dichloropropane	7.471	77	325483	52.543	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	225942	54.801	ug/l	98
28) Bromochloromethane	7.794	49	176525	49.377	ug/l	99
29) Tetrahydrofuran	7.824	42	580681	281.590	ug/l	99
30) Chloroform	7.947	83	378896	53.730	ug/l	95
31) Cyclohexane	8.235	56	337193	51.848	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	320304	51.659	ug/l	99
36) 1,1-Dichloropropene	8.353	75	257172	52.546	ug/l	98
37) Ethyl Acetate	7.541	43	351134	54.564	ug/l	98
38) Carbon Tetrachloride	8.341	117	267192	54.841	ug/l	95
39) Methylcyclohexane	9.582	83	303843	58.041	ug/l	97
40) Benzene	8.588	78	795502	55.380	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	178298m	55.940	ug/l		
42) 1,2-Dichloroethane	8.653	62	309394	56.455	ug/l		99
43) Isopropyl Acetate	8.671	43	566144	57.580	ug/l		99
44) Trichloroethene	9.330	130	189717	55.896	ug/l		99
45) 1,2-Dichloropropane	9.600	63	207193	56.298	ug/l		94
46) Dibromomethane	9.688	93	152439	58.039	ug/l		98
47) Bromodichloromethane	9.865	83	306641	57.219	ug/l		99
48) Methyl methacrylate	9.659	41	262260	58.460	ug/l		99
49) 1,4-Dioxane	9.682	88	61264	1073.826	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.424	43	1709516	294.976	ug/l		99
52) Toluene	10.606	92	472964	57.023	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	320705	58.302	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	342246	59.163	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	183113	57.061	ug/l		99
56) Ethyl methacrylate	10.853	69	317004	62.537	ug/l		98
57) 1,3-Dichloropropane	11.141	76	338648	58.496	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.135	63	944366	323.148	ug/l		99
59) 2-Hexanone	11.176	43	1048679	287.241	ug/l		99
60) Dibromochloromethane	11.335	129	212408	58.062	ug/l		98
61) 1,2-Dibromoethane	11.447	107	189124	58.199	ug/l		99
64) Tetrachloroethene	11.082	164	173317	53.571	ug/l		99
65) Chlorobenzene	11.871	112	506678	55.274	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.935	131	176540	57.102	ug/l		100
67) Ethyl Benzene	11.941	91	892546	55.709	ug/l		99
68) m/p-Xylenes	12.047	106	666195	112.150	ug/l		99
69) o-Xylene	12.376	106	317531	56.069	ug/l		98
70) Styrene	12.388	104	545300	59.301	ug/l		99
71) Bromoform	12.559	173	137488	60.715	ug/l	#	100
73) Isopropylbenzene	12.670	105	825111	56.515	ug/l		99
74) N-amyl acetate	12.494	43	246831m	49.643	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	259360	54.950	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	258773m	55.953	ug/l		
77) Bromobenzene	12.959	156	190979	57.171	ug/l		98
78) n-propylbenzene	13.012	91	1008099	56.441	ug/l		100
79) 2-Chlorotoluene	13.100	91	601237	55.123	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	692333	57.227	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	97180	59.611	ug/l	#	87
82) 4-Chlorotoluene	13.200	91	633461	58.473	ug/l		99
83) tert-Butylbenzene	13.412	119	573074	55.723	ug/l		100
84) 1,2,4-Trimethylbenzene	13.459	105	704771	58.609	ug/l		99
85) sec-Butylbenzene	13.594	105	840504	56.889	ug/l		100
86) p-Isopropyltoluene	13.706	119	696965	57.528	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	365660	56.231	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	375462	55.121	ug/l		99
89) n-Butylbenzene	14.029	91	663659	56.418	ug/l		100
90) Hexachloroethane	14.306	117	124701	56.344	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	346992	56.704	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62609	54.672	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	205849	56.615	ug/l		98
94) Hexachlorobutadiene	15.470	225	69826	53.442	ug/l		98
95) Naphthalene	15.611	128	732311	58.123	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	195344	55.205	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

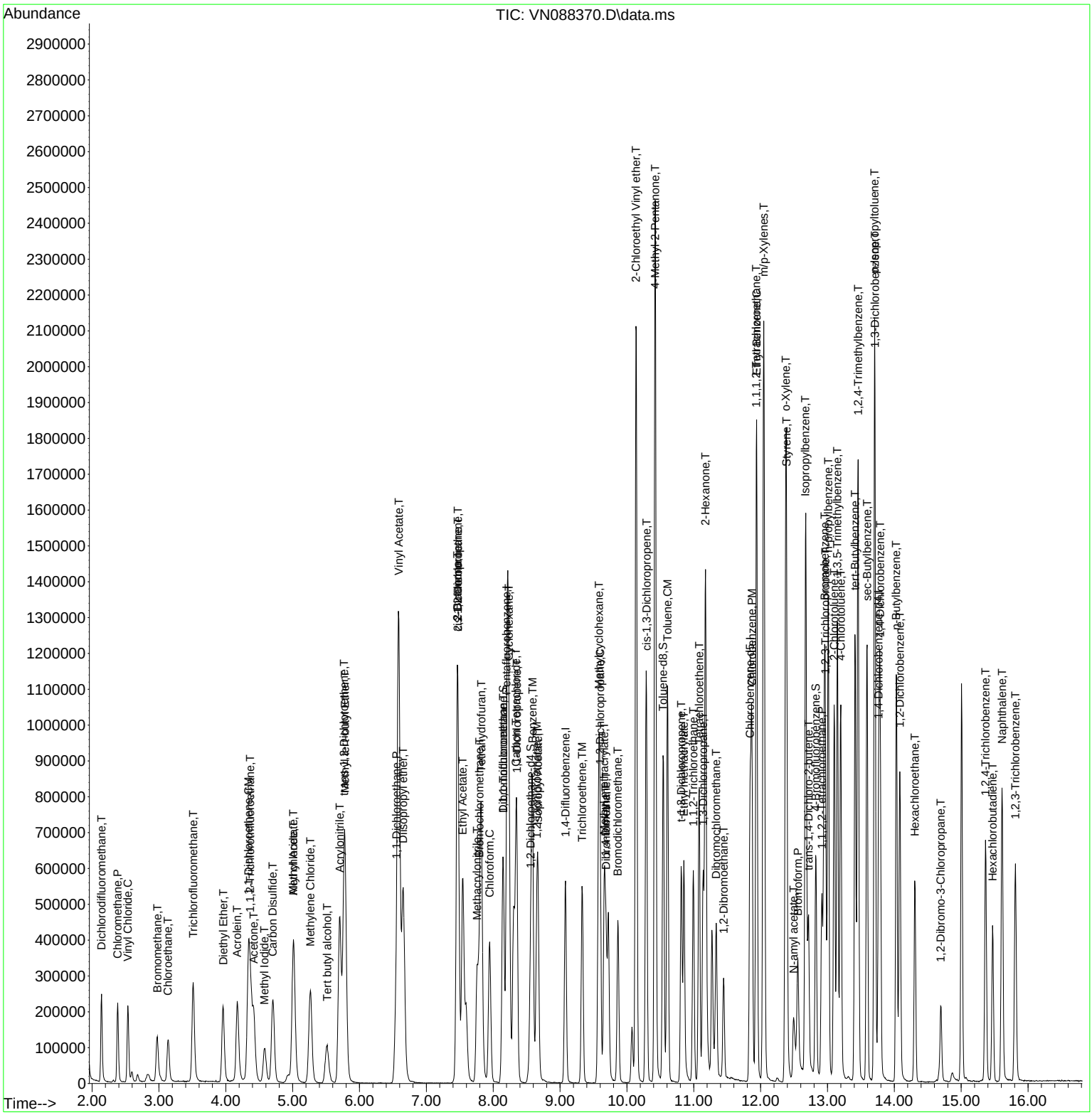
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



Sample Results: **VN088370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	0.751	0.815	-8.5	114	0.00
3	P	Chloromethane	0.807	0.858	-6.3	110	0.00
4	C	Vinyl Chloride	0.821	0.851	-3.7#	108	0.00
5	T	Bromomethane	0.395	0.408	-3.3	106	0.00
6	T	Chloroethane	0.508	0.525	-3.3	107	0.00
7	T	Trichlorofluoromethane	1.153	1.195	-3.6	113	0.00
8	T	Diethyl Ether	0.433	0.465	-7.4	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.636	-3.6	116	0.00
10	T	Methyl Iodide	0.608	0.682	-12.2	106	-0.01
11	T	Tert butyl alcohol	0.150	0.157	-4.7	100	0.00
12	CM	1,1-Dichloroethene	0.610	0.607	0.5#	110	0.00
13	T	Acrolein	0.144	0.222	-54.2#	152#	0.00
14	T	Allyl chloride	1.131	1.166	-3.1	105	0.00
15	T	Acrylonitrile	0.434	0.481	-10.8	106	0.00
16	T	Acetone	0.341	0.269	21.1	83	0.00
17	T	Carbon Disulfide	1.993	2.083	-4.5	108	0.00
18	T	Methyl Acetate	1.014	1.108	-9.3	109	0.00
19	T	Methyl tert-butyl Ether	2.285	2.626	-14.9	108	0.00
20	T	Methylene Chloride	0.729	0.791	-8.5	108	0.00
21	T	trans-1,2-Dichloroethene	0.676	0.724	-7.1	109	0.00
22	T	Diisopropyl ether	2.414	2.685	-11.2	107	0.00
23	T	Vinyl Acetate	1.945	2.235	-14.9	108	0.00
24	P	1,1-Dichloroethane	1.367	1.456	-6.5	105	0.00
25	T	2-Butanone	0.548	0.541	1.3	94	0.00
26	T	2,2-Dichloropropane	1.180	1.240	-5.1	106	0.00
27	T	cis-1,2-Dichloroethene	0.785	0.861	-9.7	107	0.00
28	T	Bromochloromethane	0.681	0.672	1.3	94	0.00
29	T	Tetrahydrofuran	0.393	0.442	-12.5	106	0.00
30	C	Chloroform	1.343	1.443	-7.4#	107	0.00
31	T	Cyclohexane	1.239	1.285	-3.7	117	0.00
32	T	1,1,1-Trichloroethane	1.181	1.220	-3.3	109	0.00
33	S	1,2-Dichloroethane-d4	0.942	0.958	-1.7	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.346	0.377	-9.0	103	0.00
36	T	1,1-Dichloropropene	0.535	0.562	-5.0	109	0.00
37	T	Ethyl Acetate	0.703	0.767	-9.1	101	0.00
38	T	Carbon Tetrachloride	0.532	0.584	-9.8	111	0.00
39	T	Methylcyclohexane	0.572	0.664	-16.1	120	0.00
40	TM	Benzene	1.570	1.738	-10.7	106	0.00
41	T	Methacrylonitrile	0.348	0.390	-12.1	104	0.00
42	TM	1,2-Dichloroethane	0.599	0.676	-12.9	105	0.00
43	T	Isopropyl Acetate	1.074	1.237	-15.2	105	0.00
44	TM	Trichloroethene	0.371	0.415	-11.9	110	0.00
45	C	1,2-Dichloropropane	0.402	0.453	-12.7#	106	0.00
46	T	Dibromomethane	0.287	0.333	-16.0	108	0.00
47	T	Bromodichloromethane	0.586	0.670	-14.3	108	0.00
48	T	Methyl methacrylate	0.490	0.573	-16.9	106	0.00

Sample Results: **VN088370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	96	0.00
50	S	Toluene-d8	1.289	1.356	-5.2	100	0.00
51	T	4-Methyl-2-Pentanone	0.633	0.747	-18.0	106	0.00
52	CM	Toluene	0.906	1.034	-14.1#	108	0.00
53	T	t-1,3-Dichloropropene	0.601	0.701	-16.6	106	0.00
54	T	cis-1,3-Dichloropropene	0.632	0.748	-18.4	108	0.00
55	T	1,1,2-Trichloroethane	0.351	0.400	-14.0	108	0.00
56	T	Ethyl methacrylate	0.554	0.693	-25.1#	107	0.00
57	T	1,3-Dichloropropane	0.633	0.740	-16.9	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.319	0.413	-29.5#	108	0.00
59	T	2-Hexanone	0.399	0.458	-14.8	100	0.00
60	T	Dibromochloromethane	0.400	0.464	-16.0	108	0.00
61	T	1,2-Dibromoethane	0.355	0.413	-16.3	106	0.00
62	S	4-Bromofluorobenzene	0.442	0.472	-6.8	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.396	0.425	-7.3	108	0.00
65	PM	Chlorobenzene	1.123	1.242	-10.6	108	0.00
66	T	1,1,1,2-Tetrachloroethane	0.379	0.433	-14.2	108	0.00
67	C	Ethyl Benzene	1.963	2.187	-11.4#	108	0.00
68	T	m/p-Xylenes	0.728	0.816	-12.1	107	0.00
69	T	o-Xylene	0.694	0.778	-12.1	107	0.00
70	T	Styrene	1.127	1.336	-18.5	107	0.00
71	P	Bromoform	0.277	0.337	-21.7	113	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.697	4.179	-13.0	109	0.00
74	T	N-amyl acetate	1.259	1.250	0.7	113	0.00
75	P	1,1,2,2-Tetrachloroethane	1.195	1.313	-9.9	110	0.00
76	T	1,2,3-Trichloropropane	1.171	1.311	-12.0	103	0.00
77	T	Bromobenzene	0.846	0.967	-14.3	106	0.00
78	T	n-propylbenzene	4.523	5.105	-12.9	109	0.00
79	T	2-Chlorotoluene	2.762	3.045	-10.2	107	0.00
80	T	1,3,5-Trimethylbenzene	3.063	3.506	-14.5	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.413	0.492	-19.1	108	0.00
82	T	4-Chlorotoluene	2.743	3.208	-17.0	106	0.00
83	T	tert-Butylbenzene	2.604	2.902	-11.4	109	0.00
84	T	1,2,4-Trimethylbenzene	3.045	3.569	-17.2	109	0.00
85	T	sec-Butylbenzene	3.741	4.257	-13.8	112	0.00
86	T	p-Isopropyltoluene	3.068	3.530	-15.1	110	0.00
87	T	1,3-Dichlorobenzene	1.647	1.852	-12.4	109	0.00
88	T	1,4-Dichlorobenzene	1.725	1.901	-10.2	107	0.00
89	T	n-Butylbenzene	2.979	3.361	-12.8	111	0.00
90	T	Hexachloroethane	0.560	0.632	-12.9	112	0.00
91	T	1,2-Dichlorobenzene	1.550	1.757	-13.4	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.290	0.317	-9.3	104	0.00
93	T	1,2,4-Trichlorobenzene	0.921	1.042	-13.1	111	0.00
94	T	Hexachlorobutadiene	0.331	0.354	-6.9	113	0.00
95	T	Naphthalene	3.190	3.709	-16.3	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	0.896	0.989	-10.4	107	0.00

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

Sample Results: **VN088370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	50.000	54.274	-8.5	114	0.00
3	P	Chloromethane	50.000	53.159	-6.3	110	0.00
4	C	Vinyl Chloride	50.000	51.837	-3.7#	108	0.00
5	T	Bromomethane	50.000	51.665	-3.3	106	0.00
6	T	Chloroethane	50.000	51.654	-3.3	107	0.00
7	T	Trichlorofluoromethane	50.000	51.793	-3.6	113	0.00
8	T	Diethyl Ether	50.000	53.743	-7.5	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.784	-3.6	116	0.00
10	T	Methyl Iodide	50.000	56.072	-12.1	106	-0.01
11	T	Tert butyl alcohol	250.000	260.289	-4.1	100	0.00
12	CM	1,1-Dichloroethene	50.000	49.760	0.5#	110	0.00
13	T	Acrolein	250.000	386.274	-54.5#	152	0.00
14	T	Allyl chloride	50.000	51.579	-3.2	105	0.00
15	T	Acrylonitrile	250.000	277.070	-10.8	106	0.00
16	T	Acetone	250.000	197.397	21.0	83	0.00
17	T	Carbon Disulfide	50.000	52.238	-4.5	108	0.00
18	T	Methyl Acetate	50.000	54.622	-9.2	109	0.00
19	T	Methyl tert-butyl Ether	50.000	57.460	-14.9	108	0.00
20	T	Methylene Chloride	50.000	54.299	-8.6	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.585	-7.2	109	0.00
22	T	Diisopropyl ether	50.000	55.612	-11.2	107	0.00
23	T	Vinyl Acetate	250.000	287.290	-14.9	108	0.00
24	P	1,1-Dichloroethane	50.000	53.252	-6.5	105	0.00
25	T	2-Butanone	250.000	246.913	1.2	94	0.00
26	T	2,2-Dichloropropane	50.000	52.543	-5.1	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.801	-9.6	107	0.00
28	T	Bromochloromethane	50.000	49.377	1.2	94	0.00
29	T	Tetrahydrofuran	250.000	281.590	-12.6	106	0.00
30	C	Chloroform	50.000	53.730	-7.5#	107	0.00
31	T	Cyclohexane	50.000	51.848	-3.7	117	0.00
32	T	1,1,1-Trichloroethane	50.000	51.659	-3.3	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.878	-1.8	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	54.442	-8.9	103	0.00
36	T	1,1-Dichloropropene	50.000	52.546	-5.1	109	0.00
37	T	Ethyl Acetate	50.000	54.564	-9.1	101	0.00
38	T	Carbon Tetrachloride	50.000	54.841	-9.7	111	0.00
39	T	Methylcyclohexane	50.000	58.041	-16.1	120	0.00
40	TM	Benzene	50.000	55.380	-10.8	106	0.00
41	T	Methacrylonitrile	50.000	55.940	-11.9	104	0.00
42	TM	1,2-Dichloroethane	50.000	56.455	-12.9	105	0.00
43	T	Isopropyl Acetate	50.000	57.580	-15.2	105	0.00
44	TM	Trichloroethene	50.000	55.896	-11.8	110	0.00
45	C	1,2-Dichloropropane	50.000	56.298	-12.6#	106	0.00
46	T	Dibromomethane	50.000	58.039	-16.1	108	0.00
47	T	Bromodichloromethane	50.000	57.219	-14.4	108	0.00
48	T	Methyl methacrylate	50.000	58.460	-16.9	106	0.00

Sample Results: **VN088370.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	1073.826	-7.4	96	0.00
50	S	Toluene-d8	50.000	52.597	-5.2	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	294.976	-18.0	106	0.00
52	CM	Toluene	50.000	57.023	-14.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	58.302	-16.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.163	-18.3	108	0.00
55	T	1,1,2-Trichloroethane	50.000	57.061	-14.1	108	0.00
56	T	Ethyl methacrylate	50.000	62.537	-25.1#	107	0.00
57	T	1,3-Dichloropropane	50.000	58.496	-17.0	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	323.148	-29.3#	108	0.00
59	T	2-Hexanone	250.000	287.241	-14.9	100	0.00
60	T	Dibromochloromethane	50.000	58.062	-16.1	108	0.00
61	T	1,2-Dibromoethane	50.000	58.199	-16.4	106	0.00
62	S	4-Bromofluorobenzene	50.000	53.376	-6.8	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	53.571	-7.1	108	0.00
65	PM	Chlorobenzene	50.000	55.274	-10.5	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.102	-14.2	108	0.00
67	C	Ethyl Benzene	50.000	55.709	-11.4#	108	0.00
68	T	m/p-Xylenes	100.000	112.150	-12.2	107	0.00
69	T	o-Xylene	50.000	56.069	-12.1	107	0.00
70	T	Styrene	50.000	59.301	-18.6	107	0.00
71	P	Bromoform	50.000	60.715	-21.4	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	56.515	-13.0	109	0.00
74	T	N-amyl acetate	50.000	49.643	0.7	113	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.950	-9.9	110	0.00
76	T	1,2,3-Trichloropropane	50.000	55.953	-11.9	103	0.00
77	T	Bromobenzene	50.000	57.171	-14.3	106	0.00
78	T	n-propylbenzene	50.000	56.441	-12.9	109	0.00
79	T	2-Chlorotoluene	50.000	55.123	-10.2	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.227	-14.5	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.611	-19.2	108	0.00
82	T	4-Chlorotoluene	50.000	58.473	-16.9	106	0.00
83	T	tert-Butylbenzene	50.000	55.723	-11.4	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.609	-17.2	109	0.00
85	T	sec-Butylbenzene	50.000	56.889	-13.8	112	0.00
86	T	p-Isopropyltoluene	50.000	57.528	-15.1	110	0.00
87	T	1,3-Dichlorobenzene	50.000	56.231	-12.5	109	0.00
88	T	1,4-Dichlorobenzene	50.000	55.121	-10.2	107	0.00
89	T	n-Butylbenzene	50.000	56.418	-12.8	111	0.00
90	T	Hexachloroethane	50.000	56.344	-12.7	112	0.00
91	T	1,2-Dichlorobenzene	50.000	56.704	-13.4	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.672	-9.3	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.615	-13.2	111	0.00
94	T	Hexachlorobutadiene	50.000	53.442	-6.9	113	0.00
95	T	Naphthalene	50.000	58.123	-16.2	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 00:07:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	55.205	-10.4	107	0.00

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

Raw Data: **VN088396.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3738
Instrument ID:	MSVOA_N	Calibration Date/Time:	12/02/2025 10:00
Lab File ID:	VN088396.D	Init. Calib. Date(s):	11/24/2025 11/24/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:38 14:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.786		4.66	20
Chloromethane	0.807	0.845	0.1	4.71	20
Vinyl Chloride	0.821	0.843		2.68	20
Bromomethane	0.395	0.429		8.61	20
Chloroethane	0.508	0.539		6.1	20
Trichlorofluoromethane	1.153	1.181		2.43	20
1,1,2-Trichlorotrifluoroethane	0.614	0.613		-0.16	20
Tert butyl alcohol	0.150	0.138		-8	20
1,1-Dichloroethene	0.610	0.615		0.82	20
Acetone	0.341	0.307		-9.97	20
Carbon Disulfide	1.993	2.027		1.71	20
Methyl tert-butyl Ether	2.285	2.558		11.95	20
Methyl Acetate	1.014	1.074		5.92	20
Methylene Chloride	0.729	0.758		3.98	20
trans-1,2-Dichloroethene	0.676	0.712		5.32	20
1,1-Dichloroethane	1.367	1.456	0.1	6.51	20
Cyclohexane	1.239	1.232		-0.56	20
2-Butanone	0.548	0.563		2.74	20
Carbon Tetrachloride	0.532	0.564		6.01	20
cis-1,2-Dichloroethene	0.785	0.832		5.99	20
Bromochloromethane	0.681	0.699		2.64	20
Chloroform	1.343	1.462		8.86	20
1,1,1-Trichloroethane	1.181	1.247		5.59	20
Methylcyclohexane	0.572	0.574		0.35	20
Benzene	1.570	1.657		5.54	20
1,2-Dichloroethane	0.599	0.667		11.35	20
Trichloroethene	0.371	0.369		-0.54	20
1,2-Dichloropropane	0.402	0.431		7.21	20
Bromodichloromethane	0.586	0.638		8.87	20
4-Methyl-2-Pentanone	0.633	0.694		9.64	20
Toluene	0.906	1.005		10.93	20
t-1,3-Dichloropropene	0.601	0.670		11.48	20
cis-1,3-Dichloropropene	0.632	0.699		10.6	20
1,1,2-Trichloroethane	0.351	0.376		7.12	20
2-Hexanone	0.399	0.450		12.78	20
Dibromochloromethane	0.400	0.439		9.75	20
1,2-Dibromoethane	0.355	0.382		7.61	20
Tetrachloroethene	0.396	0.355		-10.35	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: **VN088396.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3738
Instrument ID: MSVOA_N
Calibration Date/Time: 12/02/2025 10:00
Lab File ID: VN088396.D
Init. Calib. Date(s): 11/24/2025 11/24/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:38 14:35
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.123	1.184	0.3	5.43	20
Ethyl Benzene	1.963	2.113		7.64	20
m/p-Xylenes	0.728	0.798		9.61	20
o-Xylene	0.694	0.758		9.22	20
Styrene	1.127	1.318		16.95	20
Bromoform	0.277	0.305	0.1	10.11	20
Isopropylbenzene	3.697	4.066		9.98	20
1,1,2,2-Tetrachloroethane	1.195	1.245	0.3	4.18	20
1,3-Dichlorobenzene	1.647	1.752		6.38	20
1,4-Dichlorobenzene	1.725	1.800		4.35	20
1,2-Dichlorobenzene	1.550	1.664		7.36	20
1,2-Dibromo-3-Chloropropane	0.290	0.303		4.48	20
1,2,4-Trichlorobenzene	0.921	0.953		3.47	20
1,2,3-Trichlorobenzene	0.896	0.919		2.57	20
1,2-Dichloroethane-d4	0.942	0.990		5.1	20
Dibromofluoromethane	0.346	0.360		4.05	20
Toluene-d8	1.289	1.336		3.65	20
4-Bromofluorobenzene	0.442	0.474		7.24	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\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	256486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	206439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	253924	52.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.147	113	169082	51.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	10.541	98	627431	51.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.823	95	222462	53.532	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	201707	52.358	ug/l	94
3) Chloromethane	2.383	50	216818	52.402	ug/l	99
4) Vinyl Chloride	2.536	62	216260	51.377	ug/l	99
5) Bromomethane	2.977	94	110057	54.325	ug/l	97
6) Chloroethane	3.142	64	138211	53.058	ug/l	98
7) Trichlorofluoromethane	3.512	101	302840	51.190	ug/l	97
8) Diethyl Ether	3.959	74	120321	54.187	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	157122	49.888	ug/l	100
10) Methyl Iodide	4.583	142	162151	52.008	ug/l	96
11) Tert butyl alcohol	5.518	59	176749	229.125	ug/l	100
12) 1,1-Dichloroethene	4.342	96	157796	50.427	ug/l	95
13) Acrolein	4.177	56	238001	322.263	ug/l	100
14) Allyl chloride	5.018	41	307219	52.970	ug/l	99
15) Acrylonitrile	5.706	53	577731	259.578	ug/l	99
16) Acetone	4.418	43	394251	225.623	ug/l	100
17) Carbon Disulfide	4.706	76	519802	50.834	ug/l	99
18) Methyl Acetate	5.018	43	275418	52.951	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	656073	55.961	ug/l	98
20) Methylene Chloride	5.265	84	194465	52.016	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	182652	52.692	ug/l	99
22) Diisopropyl ether	6.653	45	690417	55.758	ug/l	97
23) Vinyl Acetate	6.588	43	2783447m	279.005	ug/l	
24) 1,1-Dichloroethane	6.553	63	373550	53.272	ug/l	98
25) 2-Butanone	7.465	43	721770	256.937	ug/l	98
26) 2,2-Dichloropropane	7.471	77	326244	53.901	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	213398	52.972	ug/l	97
28) Bromochloromethane	7.794	49	179221	51.306	ug/l	99
29) Tetrahydrofuran	7.818	42	530848	263.460	ug/l	99
30) Chloroform	7.947	83	375046	54.432	ug/l	93
31) Cyclohexane	8.235	56	316054	49.737	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	319775	52.783	ug/l	99
36) 1,1-Dichloropropene	8.353	75	252809	50.323	ug/l	99
37) Ethyl Acetate	7.541	43	327556	49.588	ug/l	99
38) Carbon Tetrachloride	8.341	117	264813	52.952	ug/l	99
39) Methylcyclohexane	9.577	83	269744	50.199	ug/l	95
40) Benzene	8.582	78	778430	52.795	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	179724	54.934	ug/l		96
42) 1,2-Dichloroethane	8.647	62	313321	55.698	ug/l		100
43) Isopropyl Acetate	8.671	43	536207	53.130	ug/l		98
44) Trichloroethene	9.329	130	173301	49.744	ug/l		99
45) 1,2-Dichloropropane	9.600	63	202253	53.539	ug/l		95
46) Dibromomethane	9.688	93	145893	54.115	ug/l		98
47) Bromodichloromethane	9.865	83	299715	54.485	ug/l		95
48) Methyl methacrylate	9.659	41	251492	54.615	ug/l		99
49) 1,4-Dioxane	9.677	88	52735	900.506	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.424	43	1630933	274.163	ug/l		99
52) Toluene	10.606	92	472055	55.446	ug/l		100
53) t-1,3-Dichloropropene	10.812	75	314605	55.718	ug/l		98
54) cis-1,3-Dichloropropene	10.288	75	328168	55.267	ug/l		93
55) 1,1,2-Trichloroethane	10.994	97	176797	53.673	ug/l		97
56) Ethyl methacrylate	10.853	69	309997	59.578	ug/l		98
57) 1,3-Dichloropropane	11.141	76	325930	54.848	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.135	63	889687	296.591	ug/l		100
59) 2-Hexanone	11.176	43	1056107	281.819	ug/l		99
60) Dibromochloromethane	11.335	129	206242	54.923	ug/l		97
61) 1,2-Dibromoethane	11.447	107	179422	53.790	ug/l		98
64) Tetrachloroethene	11.082	164	150384	44.782	ug/l		95
65) Chlorobenzene	11.870	112	501501	52.708	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.935	131	173343	54.016	ug/l		99
67) Ethyl Benzene	11.941	91	894936	53.815	ug/l		98
68) m/p-Xylenes	12.047	106	675748	109.596	ug/l		98
69) o-Xylene	12.376	106	320961	54.601	ug/l		98
70) Styrene	12.388	104	558107	58.473	ug/l		98
71) Bromoform	12.559	173	129299	55.009	ug/l	#	99
73) Isopropylbenzene	12.670	105	839483	54.998	ug/l		99
74) N-amyl acetate	12.500	43	224758	43.238	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.912	83	256991	52.080	ug/l		99
76) 1,2,3-Trichloropropane	12.965	75	252352m	52.191	ug/l		
77) Bromobenzene	12.959	156	190306	54.491	ug/l		97
78) n-propylbenzene	13.012	91	1016994	54.462	ug/l		100
79) 2-Chlorotoluene	13.100	91	612443	53.708	ug/l		100
80) 1,3,5-Trimethylbenzene	13.147	105	697012	55.108	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.712	75	94876	55.667	ug/l	#	96
82) 4-Chlorotoluene	13.200	91	640056	56.512	ug/l		99
83) tert-Butylbenzene	13.412	119	575684	53.542	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	713305	56.739	ug/l		98
85) sec-Butylbenzene	13.594	105	828143	53.615	ug/l		100
86) p-Isopropyltoluene	13.706	119	701349	55.372	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	361671	53.199	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	371515	52.169	ug/l		98
89) n-Butylbenzene	14.029	91	658940	53.581	ug/l		99
90) Hexachloroethane	14.306	117	126648	54.735	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	343460	53.685	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62450	52.162	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	196829	51.780	ug/l		98
94) Hexachlorobutadiene	15.470	225	68831	50.390	ug/l		97
95) Naphthalene	15.611	128	703067	53.375	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	189649	51.264	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

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

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

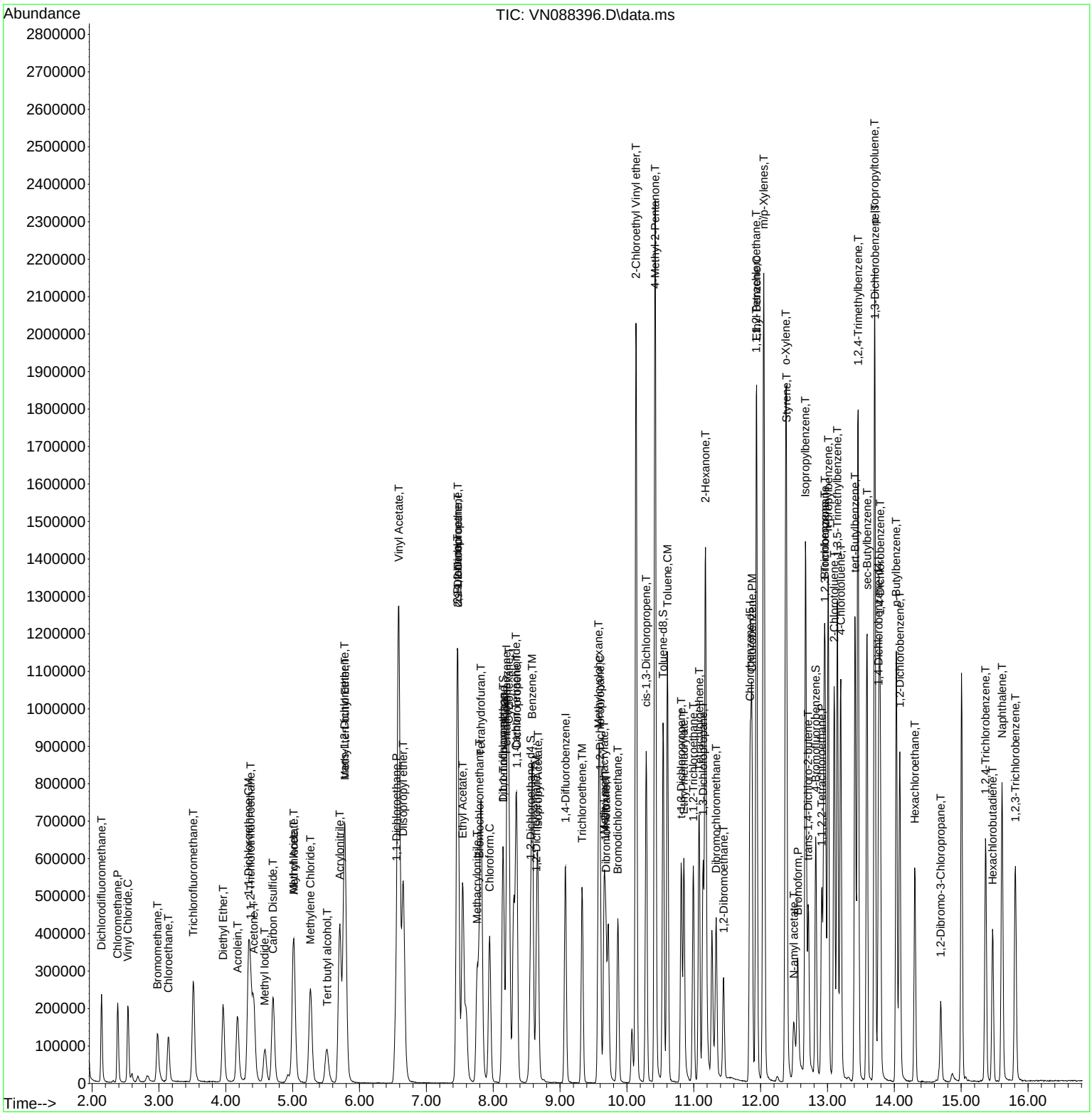
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



Sample Results: **VN088396.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	0.751	0.786	-4.7	107	0.00
3	P	Chloromethane	0.807	0.845	-4.7	106	0.00
4	C	Vinyl Chloride	0.821	0.843	-2.7#	105	0.00
5	T	Bromomethane	0.395	0.429	-8.6	109	0.00
6	T	Chloroethane	0.508	0.539	-6.1	108	0.00
7	T	Trichlorofluoromethane	1.153	1.181	-2.4	109	0.00
8	T	Diethyl Ether	0.433	0.469	-8.3	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.613	0.2	109	0.00
10	T	Methyl Iodide	0.608	0.632	-3.9	96	0.00
11	T	Tert butyl alcohol	0.150	0.138	8.0	86	0.00
12	CM	1,1-Dichloroethene	0.610	0.615	-0.8#	109	0.00
13	T	Acrolein	0.144	0.186	-29.2#	124	0.00
14	T	Allyl chloride	1.131	1.198	-5.9	105	0.00
15	T	Acrylonitrile	0.434	0.450	-3.7	97	0.00
16	T	Acetone	0.341	0.307	10.0	93	0.00
17	T	Carbon Disulfide	1.993	2.027	-1.7	103	0.00
18	T	Methyl Acetate	1.014	1.074	-5.9	103	0.00
19	T	Methyl tert-butyl Ether	2.285	2.558	-11.9	103	0.00
20	T	Methylene Chloride	0.729	0.758	-4.0	101	0.00
21	T	trans-1,2-Dichloroethene	0.676	0.712	-5.3	105	0.00
22	T	Diisopropyl ether	2.414	2.692	-11.5	105	0.00
23	T	Vinyl Acetate	1.945	2.170	-11.6	102	0.00
24	P	1,1-Dichloroethane	1.367	1.456	-6.5	103	0.00
25	T	2-Butanone	0.548	0.563	-2.7	95	0.00
26	T	2,2-Dichloropropane	1.180	1.272	-7.8	107	0.00
27	T	cis-1,2-Dichloroethene	0.785	0.832	-6.0	101	0.00
28	T	Bromochloromethane	0.681	0.699	-2.6	96	0.00
29	T	Tetrahydrofuran	0.393	0.414	-5.3	97	0.00
30	C	Chloroform	1.343	1.462	-8.9#	106	0.00
31	T	Cyclohexane	1.239	1.232	0.6	110	0.00
32	T	1,1,1-Trichloroethane	1.181	1.247	-5.6	109	0.00
33	S	1,2-Dichloroethane-d4	0.942	0.990	-5.1	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.346	0.360	-4.0	101	0.00
36	T	1,1-Dichloropropene	0.535	0.538	-0.6	107	0.00
37	T	Ethyl Acetate	0.703	0.697	0.9	95	0.00
38	T	Carbon Tetrachloride	0.532	0.564	-6.0	110	0.00
39	T	Methylcyclohexane	0.572	0.574	-0.3	106	0.00
40	TM	Benzene	1.570	1.657	-5.5	104	0.00
41	T	Methacrylonitrile	0.348	0.383	-10.1	105	0.00
42	TM	1,2-Dichloroethane	0.599	0.667	-11.4	106	0.00
43	T	Isopropyl Acetate	1.074	1.142	-6.3	100	0.00
44	TM	Trichloroethene	0.371	0.369	0.5	101	0.00
45	C	1,2-Dichloropropane	0.402	0.431	-7.2#	104	0.00
46	T	Dibromomethane	0.287	0.311	-8.4	104	0.00
47	T	Bromodichloromethane	0.586	0.638	-8.9	106	0.00
48	T	Methyl methacrylate	0.490	0.535	-9.2	102	0.00

Sample Results: **VN088396.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	83	0.00
50	S	Toluene-d8	1.289	1.336	-3.6	102	0.00
51	T	4-Methyl-2-Pentanone	0.633	0.694	-9.6	101	0.00
52	CM	Toluene	0.906	1.005	-10.9#	107	0.00
53	T	t-1,3-Dichloropropene	0.601	0.670	-11.5	104	0.00
54	T	cis-1,3-Dichloropropene	0.632	0.699	-10.6	103	0.00
55	T	1,1,2-Trichloroethane	0.351	0.376	-7.1	104	0.00
56	T	Ethyl methacrylate	0.554	0.660	-19.1	105	0.00
57	T	1,3-Dichloropropane	0.633	0.694	-9.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.319	0.379	-18.8	102	0.00
59	T	2-Hexanone	0.399	0.450	-12.8	101	0.00
60	T	Dibromochloromethane	0.400	0.439	-9.7	105	0.00
61	T	1,2-Dibromoethane	0.355	0.382	-7.6	101	0.00
62	S	4-Bromofluorobenzene	0.442	0.474	-7.2	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.396	0.355	10.4	94	0.00
65	PM	Chlorobenzene	1.123	1.184	-5.4	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.379	0.409	-7.9	106	0.00
67	C	Ethyl Benzene	1.963	2.113	-7.6#	108	0.00
68	T	m/p-Xylenes	0.728	0.798	-9.6	108	0.00
69	T	o-Xylene	0.694	0.758	-9.2	108	0.00
70	T	Styrene	1.127	1.318	-16.9	110	0.00
71	P	Bromoform	0.277	0.305	-10.1	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.697	4.066	-10.0	111	0.00
74	T	N-amyl acetate	1.259	1.089	13.5	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.195	1.245	-4.2	109	0.00
76	T	1,2,3-Trichloropropane	1.171	1.222	-4.4	101	0.00
77	T	Bromobenzene	0.846	0.922	-9.0	106	0.00
78	T	n-propylbenzene	4.523	4.926	-8.9	110	0.00
79	T	2-Chlorotoluene	2.762	2.967	-7.4	109	0.00
80	T	1,3,5-Trimethylbenzene	3.063	3.376	-10.2	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.413	0.460	-11.4	106	0.00
82	T	4-Chlorotoluene	2.743	3.100	-13.0	107	0.00
83	T	tert-Butylbenzene	2.604	2.789	-7.1	110	0.00
84	T	1,2,4-Trimethylbenzene	3.045	3.455	-13.5	110	0.00
85	T	sec-Butylbenzene	3.741	4.012	-7.2	110	0.00
86	T	p-Isopropyltoluene	3.068	3.397	-10.7	110	0.00
87	T	1,3-Dichlorobenzene	1.647	1.752	-6.4	108	0.00
88	T	1,4-Dichlorobenzene	1.725	1.800	-4.3	106	0.00
89	T	n-Butylbenzene	2.979	3.192	-7.2	110	0.00
90	T	Hexachloroethane	0.560	0.613	-9.5	114	0.00
91	T	1,2-Dichlorobenzene	1.550	1.664	-7.4	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.290	0.303	-4.5	104	0.00
93	T	1,2,4-Trichlorobenzene	0.921	0.953	-3.5	106	0.00
94	T	Hexachlorobutadiene	0.331	0.333	-0.6	111	0.00
95	T	Naphthalene	3.190	3.406	-6.8	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	0.896	0.919	-2.6	104	0.00

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

Sample Results: **VN088396.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.358	-4.7	107	0.00
3	P	Chloromethane	50.000	52.402	-4.8	106	0.00
4	C	Vinyl Chloride	50.000	51.377	-2.8#	105	0.00
5	T	Bromomethane	50.000	54.325	-8.7	109	0.00
6	T	Chloroethane	50.000	53.058	-6.1	108	0.00
7	T	Trichlorofluoromethane	50.000	51.190	-2.4	109	0.00
8	T	Diethyl Ether	50.000	54.187	-8.4	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.888	0.2	109	0.00
10	T	Methyl Iodide	50.000	52.008	-4.0	96	0.00
11	T	Tert butyl alcohol	250.000	229.125	8.3	86	0.00
12	CM	1,1-Dichloroethene	50.000	50.427	-0.9#	109	0.00
13	T	Acrolein	250.000	322.263	-28.9#	124	0.00
14	T	Allyl chloride	50.000	52.970	-5.9	105	0.00
15	T	Acrylonitrile	250.000	259.578	-3.8	97	0.00
16	T	Acetone	250.000	225.623	9.8	93	0.00
17	T	Carbon Disulfide	50.000	50.834	-1.7	103	0.00
18	T	Methyl Acetate	50.000	52.951	-5.9	103	0.00
19	T	Methyl tert-butyl Ether	50.000	55.961	-11.9	103	0.00
20	T	Methylene Chloride	50.000	52.016	-4.0	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.692	-5.4	105	0.00
22	T	Diisopropyl ether	50.000	55.758	-11.5	105	0.00
23	T	Vinyl Acetate	250.000	279.005	-11.6	102	0.00
24	P	1,1-Dichloroethane	50.000	53.272	-6.5	103	0.00
25	T	2-Butanone	250.000	256.937	-2.8	95	0.00
26	T	2,2-Dichloropropane	50.000	53.901	-7.8	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.972	-5.9	101	0.00
28	T	Bromochloromethane	50.000	51.306	-2.6	96	0.00
29	T	Tetrahydrofuran	250.000	263.460	-5.4	97	0.00
30	C	Chloroform	50.000	54.432	-8.9#	106	0.00
31	T	Cyclohexane	50.000	49.737	0.5	110	0.00
32	T	1,1,1-Trichloroethane	50.000	52.783	-5.6	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.554	-5.1	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	51.944	-3.9	101	0.00
36	T	1,1-Dichloropropene	50.000	50.323	-0.6	107	0.00
37	T	Ethyl Acetate	50.000	49.588	0.8	95	0.00
38	T	Carbon Tetrachloride	50.000	52.952	-5.9	110	0.00
39	T	Methylcyclohexane	50.000	50.199	-0.4	106	0.00
40	TM	Benzene	50.000	52.795	-5.6	104	0.00
41	T	Methacrylonitrile	50.000	54.934	-9.9	105	0.00
42	TM	1,2-Dichloroethane	50.000	55.698	-11.4	106	0.00
43	T	Isopropyl Acetate	50.000	53.130	-6.3	100	0.00
44	TM	Trichloroethene	50.000	49.744	0.5	101	0.00
45	C	1,2-Dichloropropane	50.000	53.539	-7.1#	104	0.00
46	T	Dibromomethane	50.000	54.115	-8.2	104	0.00
47	T	Bromodichloromethane	50.000	54.485	-9.0	106	0.00
48	T	Methyl methacrylate	50.000	54.615	-9.2	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	900.506	9.9	83	0.00
50	S	Toluene-d8	50.000	51.805	-3.6	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.163	-9.7	101	0.00
52	CM	Toluene	50.000	55.446	-10.9#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	55.718	-11.4	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.267	-10.5	103	0.00
55	T	1,1,2-Trichloroethane	50.000	53.673	-7.3	104	0.00
56	T	Ethyl methacrylate	50.000	59.578	-19.2	105	0.00
57	T	1,3-Dichloropropane	50.000	54.848	-9.7	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	296.591	-18.6	102	0.00
59	T	2-Hexanone	250.000	281.819	-12.7	101	0.00
60	T	Dibromochloromethane	50.000	54.923	-9.8	105	0.00
61	T	1,2-Dibromoethane	50.000	53.790	-7.6	101	0.00
62	S	4-Bromofluorobenzene	50.000	53.532	-7.1	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	44.782	10.4	94	0.00
65	PM	Chlorobenzene	50.000	52.708	-5.4	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.016	-8.0	106	0.00
67	C	Ethyl Benzene	50.000	53.815	-7.6#	108	0.00
68	T	m/p-Xylenes	100.000	109.596	-9.6	108	0.00
69	T	o-Xylene	50.000	54.601	-9.2	108	0.00
70	T	Styrene	50.000	58.473	-16.9	110	0.00
71	P	Bromoform	50.000	55.009	-10.0	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	54.998	-10.0	111	0.00
74	T	N-amyl acetate	50.000	43.238	13.5	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.080	-4.2	109	0.00
76	T	1,2,3-Trichloropropane	50.000	52.191	-4.4	101	0.00
77	T	Bromobenzene	50.000	54.491	-9.0	106	0.00
78	T	n-propylbenzene	50.000	54.462	-8.9	110	0.00
79	T	2-Chlorotoluene	50.000	53.708	-7.4	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.108	-10.2	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.667	-11.3	106	0.00
82	T	4-Chlorotoluene	50.000	56.512	-13.0	107	0.00
83	T	tert-Butylbenzene	50.000	53.542	-7.1	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.739	-13.5	110	0.00
85	T	sec-Butylbenzene	50.000	53.615	-7.2	110	0.00
86	T	p-Isopropyltoluene	50.000	55.372	-10.7	110	0.00
87	T	1,3-Dichlorobenzene	50.000	53.199	-6.4	108	0.00
88	T	1,4-Dichlorobenzene	50.000	52.169	-4.3	106	0.00
89	T	n-Butylbenzene	50.000	53.581	-7.2	110	0.00
90	T	Hexachloroethane	50.000	54.735	-9.5	114	0.00
91	T	1,2-Dichlorobenzene	50.000	53.685	-7.4	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.162	-4.3	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.780	-3.6	106	0.00
94	T	Hexachlorobutadiene	50.000	50.390	-0.8	111	0.00
95	T	Naphthalene	50.000	53.375	-6.8	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 01:21:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 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	51.264	-2.5	104	0.00

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

QC SAMPLE DATA

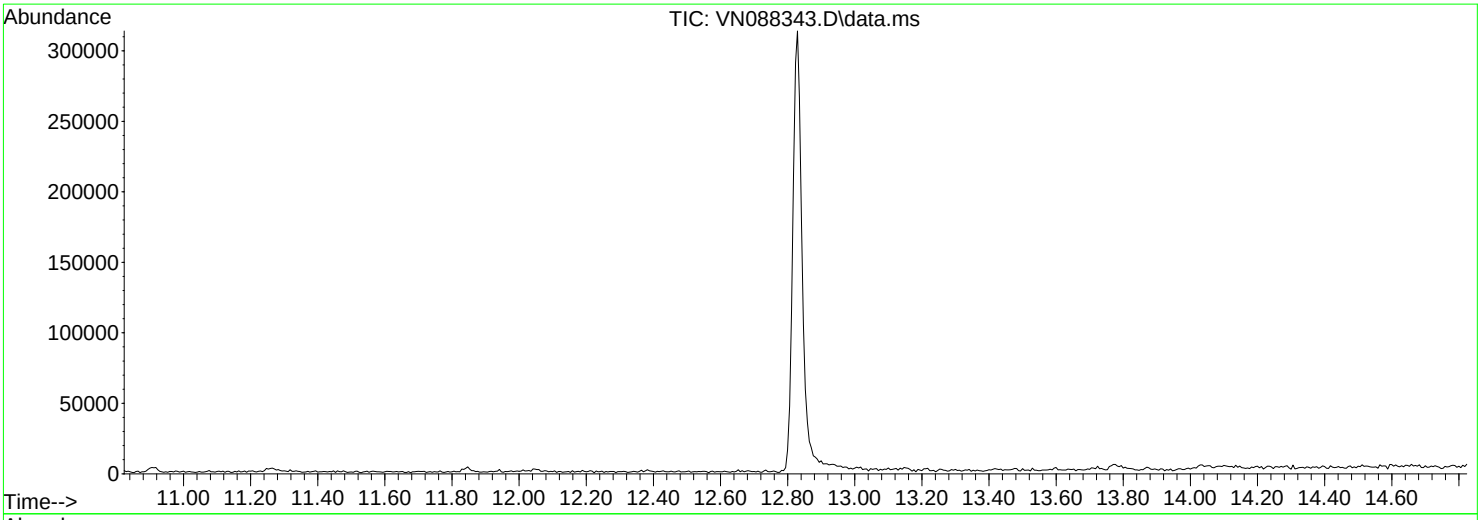
Sample Results: **VN088343.D**

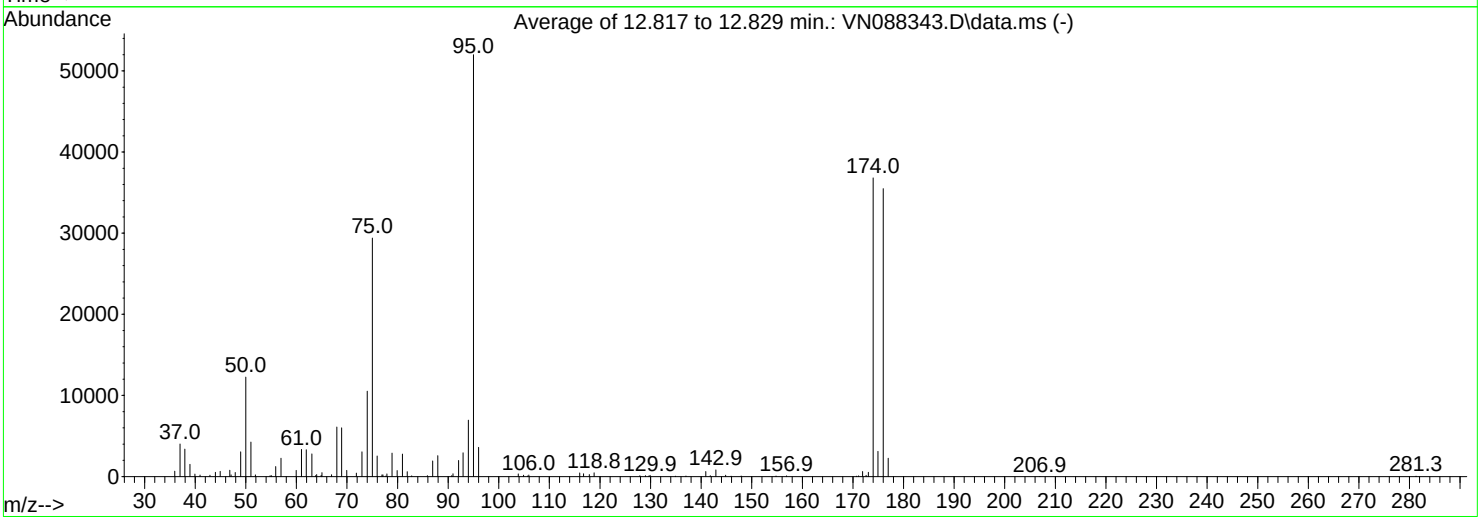
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088343.D
Acq On : 24 Nov 2025 08:17
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260
Last Update : Tue Nov 25 01:34:52 2025





AutoFind: Scans 1847, 1848, 1849; 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	23.6	12249	PASS
75	95	30	60	56.6	29403	PASS
95	95	100	100	100.0	51987	PASS
96	95	5	9	6.9	3605	PASS
173	174	0.00	2	1.4	523	PASS
174	95	50	100	70.8	36808	PASS
175	174	5	9	8.4	3099	PASS
176	174	95	101	96.4	35493	PASS
177	176	5	9	6.4	2260	PASS

Average of 12.817 to 12.829 min.: VN088343.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	660	47.90	508	61.95	3309	72.95	3051
37.00	4014	49.00	3039	63.05	2784	74.00	10530
37.95	3391	50.00	12249	63.80	113	75.00	29405
38.95	1502	51.00	4245	64.00	255	75.95	2535
39.95	311	51.90	213	64.90	158	76.90	202
40.95	180	54.80	110	65.05	474	77.10	198
42.90	161	55.10	103	66.95	229	77.70	63
44.00	531	55.90	1233	68.00	6110	77.90	320
44.95	637	56.95	2258	68.95	5997	78.90	2897
46.85	771	59.95	755	69.95	751	79.90	742
47.10	213	61.00	3348	71.85	421	80.95	2778

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.817 to 12.829 min.: VN088343.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.90	605	96.00	3605	129.70	84	156.90	87
82.80	89	103.85	320	129.90	147	170.70	51
85.90	119	104.90	161	134.90	52	171.10	82
86.95	1933	105.70	75	137.00	60	171.90	617
87.95	2571	105.95	190	140.90	629	172.60	144
90.70	103	116.00	445	141.80	113	173.05	523
90.95	348	116.75	347	142.90	817	174.00	36808
92.05	1981	117.90	250	144.85	179	174.95	3099
92.95	2935	118.85	465	145.90	56	176.00	35493
94.00	6957	127.90	108	147.90	68	176.95	2260
95.00	51987	129.00	114	154.80	69	206.95	15

Average of 12.817 to 12.829 min.: VN088343.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
281.30	53						

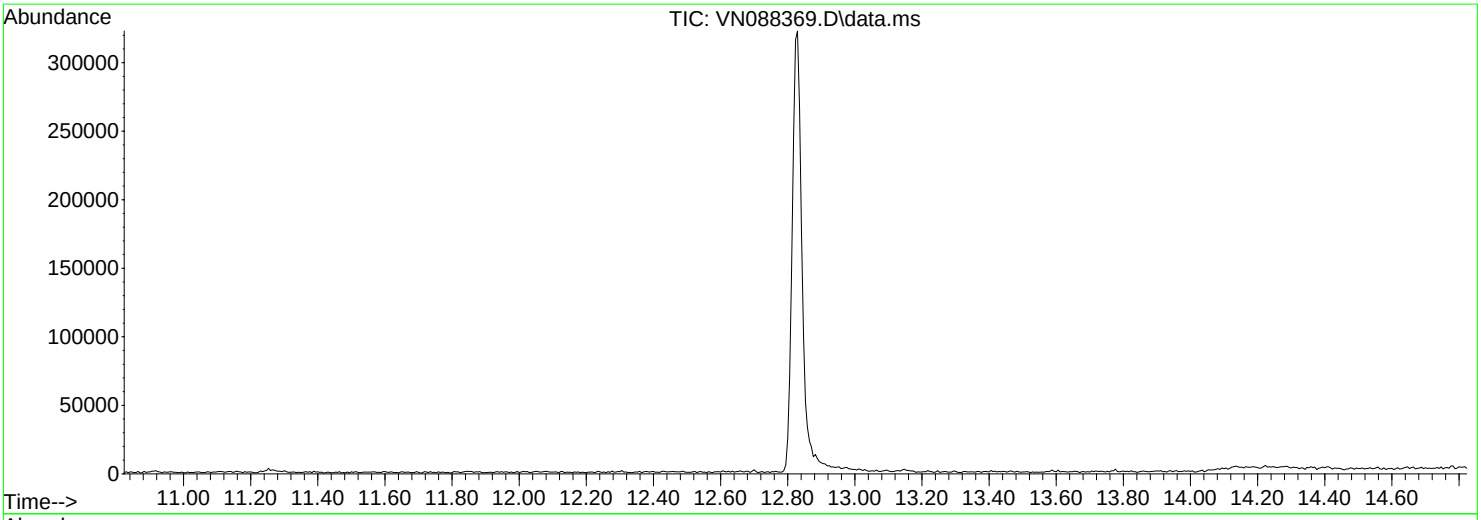
Sample Results: **VN088369.D**

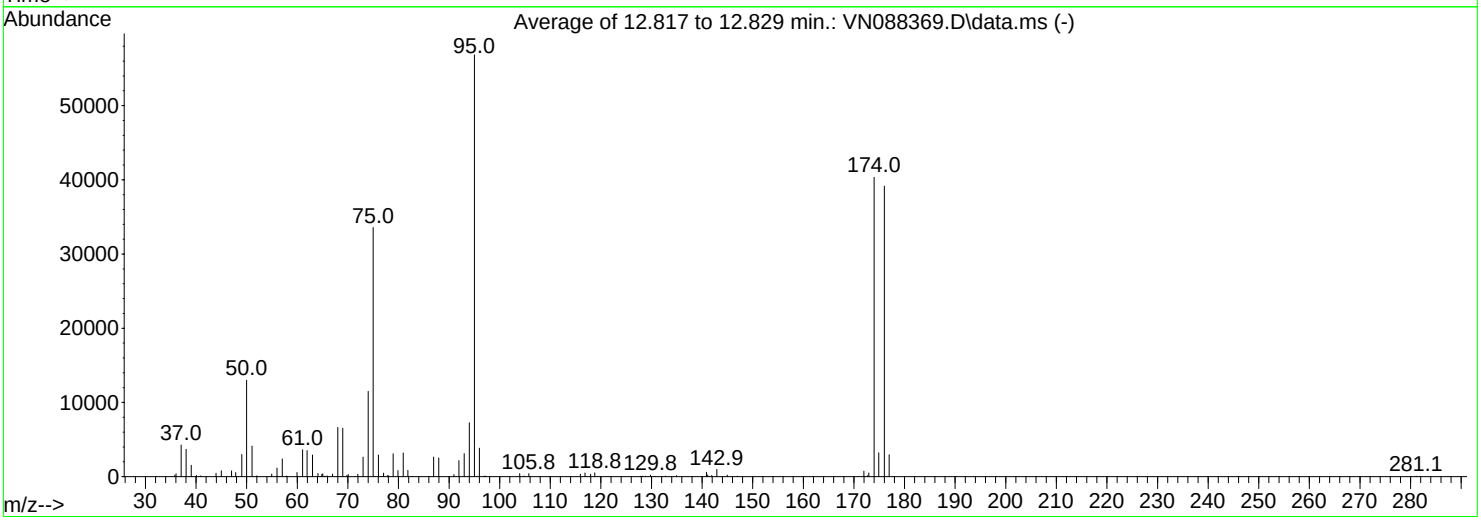
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088369.D
Acq On : 01 Dec 2025 08:49
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260
Last Update : Tue Nov 25 01:34:52 2025





AutoFind: Scans 1847, 1848, 1849; 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	22.9	13006	PASS
75	95	30	60	59.1	33576	PASS
95	95	100	100	100.0	56845	PASS
96	95	5	9	6.7	3835	PASS
173	174	0.00	2	1.2	489	PASS
174	95	50	100	71.0	40341	PASS
175	174	5	9	8.0	3213	PASS
176	174	95	101	97.1	39165	PASS
177	176	5	9	7.5	2949	PASS

Average of 12.817 to 12.829 min.: VN088369.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.80	190	49.05	2976	61.95	3517	70.05	31
36.05	384	50.00	13006	63.00	2917	71.95	33
37.05	4272	51.05	4113	64.10	433	73.00	263
38.05	3684	51.90	88	64.85	304	74.00	1149
39.05	1525	52.10	68	65.05	399	75.00	33576
40.10	142	54.95	339	65.40	72	76.05	2917
40.95	105	56.00	1161	65.90	102	77.05	468
43.95	455	57.05	2400	66.95	355	77.80	128
45.00	808	57.90	81	68.00	6639	78.00	126
47.00	782	59.95	560	69.00	6543	78.95	3079
47.85	567	61.05	3625	69.80	174	79.90	824

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.817 to 12.829 min.: VN088369.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
80.95	3198	96.00	3835	128.20	67	147.00	61
81.85	841	96.90	89	128.80	61	148.00	50
82.80	51	97.20	58	129.80	188	171.95	743
86.00	50	103.95	408	130.80	50	172.70	124
86.95	2627	104.80	82	132.80	67	172.95	489
87.95	2534	105.75	414	134.95	138	174.00	40341
90.95	286	115.95	332	140.85	577	174.90	3213
91.95	2167	116.85	505	141.10	238	176.00	39165
93.00	3106	117.95	315	141.90	151	176.95	2949
94.00	7272	118.80	513	142.90	969	281.10	73
95.00	56845	127.80	56	144.95	206		

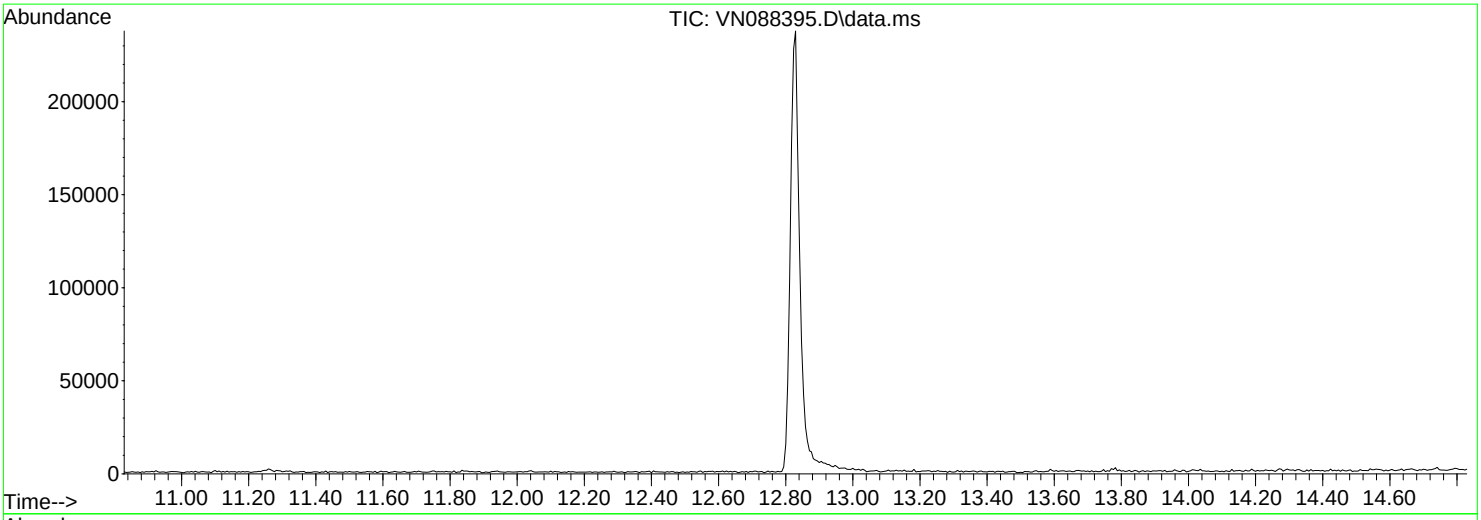
Sample Results: **VN088395.D**

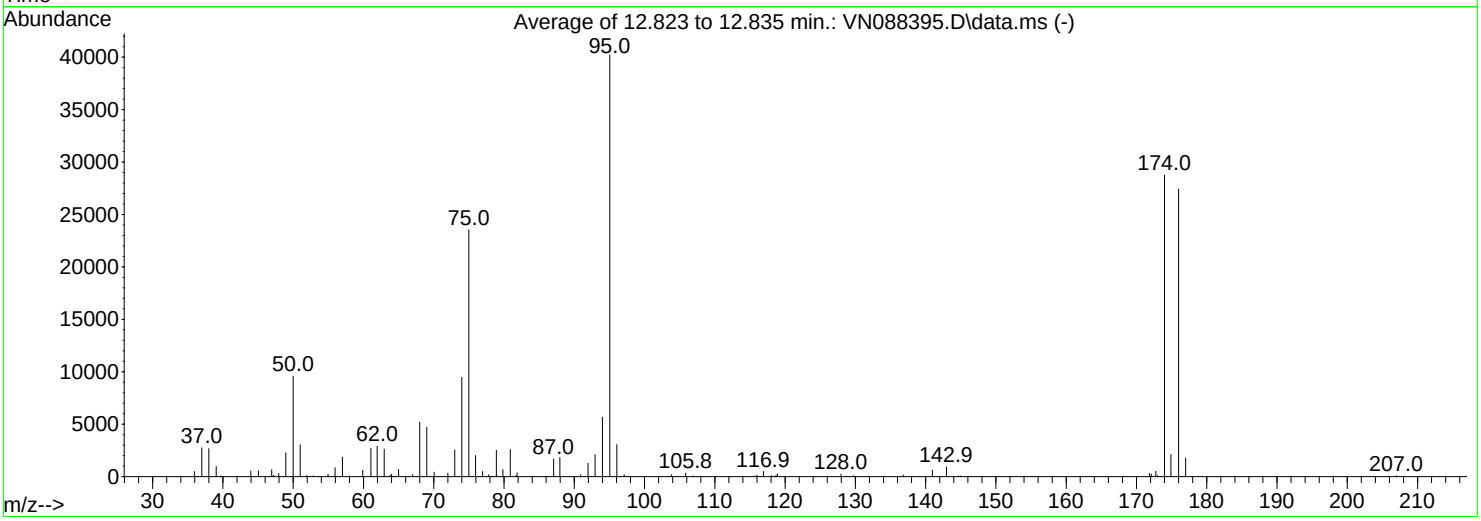
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088395.D
Acq On : 02 Dec 2025 08:19
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260
Last Update : Tue Nov 25 01:34:52 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.8	9585	PASS
75	95	30	60	58.6	23563	PASS
95	95	100	100	100.0	40224	PASS
96	95	5	9	7.6	3049	PASS
173	174	0.00	2	1.8	524	PASS
174	95	50	100	71.5	28741	PASS
175	174	5	9	7.3	2106	PASS
176	174	95	101	95.3	27400	PASS
177	176	5	9	6.5	1775	PASS

Average of 12.823 to 12.835 min.: VN088395.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	494	50.00	9585	62.95	2621	75.00	2356
37.00	2753	51.00	3035	63.80	123	75.95	200
38.00	2674	51.95	119	64.00	223	76.95	48
39.05	970	52.90	77	65.00	682	77.80	16
39.70	78	54.95	230	67.00	205	78.90	2513
43.95	536	55.95	848	68.00	5185	79.85	678
45.05	540	57.00	1862	69.00	4721	80.90	2577
46.95	655	58.00	54	70.05	424	81.70	125
47.20	120	59.90	607	72.00	337	81.85	367
47.95	302	61.05	2698	73.00	2556	87.05	1677
48.95	2279	61.95	2900	74.00	9481	87.95	1814

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN088395.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.90	177	116.00	142	145.00	55		
91.95	1284	116.90	503	171.85	304		
92.95	2091	118.10	124	172.10	253		
94.00	5676	118.70	118	172.75	524		
95.05	40224	118.90	258	173.00	107		
96.05	3049	127.95	244	174.00	28741		
97.10	178	129.80	98	174.90	2106		
103.85	183	136.80	150	176.00	27400		
105.85	336	140.95	625	177.00	1775		
106.90	56	142.95	937	207.00	79		
115.70	65	144.70	66				

Raw Data: **VN088372.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBL01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBL01			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									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 10:53	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 10:53	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 10:53	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 10:53	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/01/25 10:53	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 10:53	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 10:53	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 10:53	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 10:53	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 10:53	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 10:53	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 10:53	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 10:53	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 10:53	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 10:53	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 10:53	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125

Raw Data: **VN088372.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBL01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBL01			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
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 10:53	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.8			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.4			70 (77) - 130 (121)	105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	188000							
540-36-3	1,4-Difluorobenzene	435000							
3114-55-4	Chlorobenzene-d5	418000							
3855-82-1	1,4-Dichlorobenzene-d4	199000							

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\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

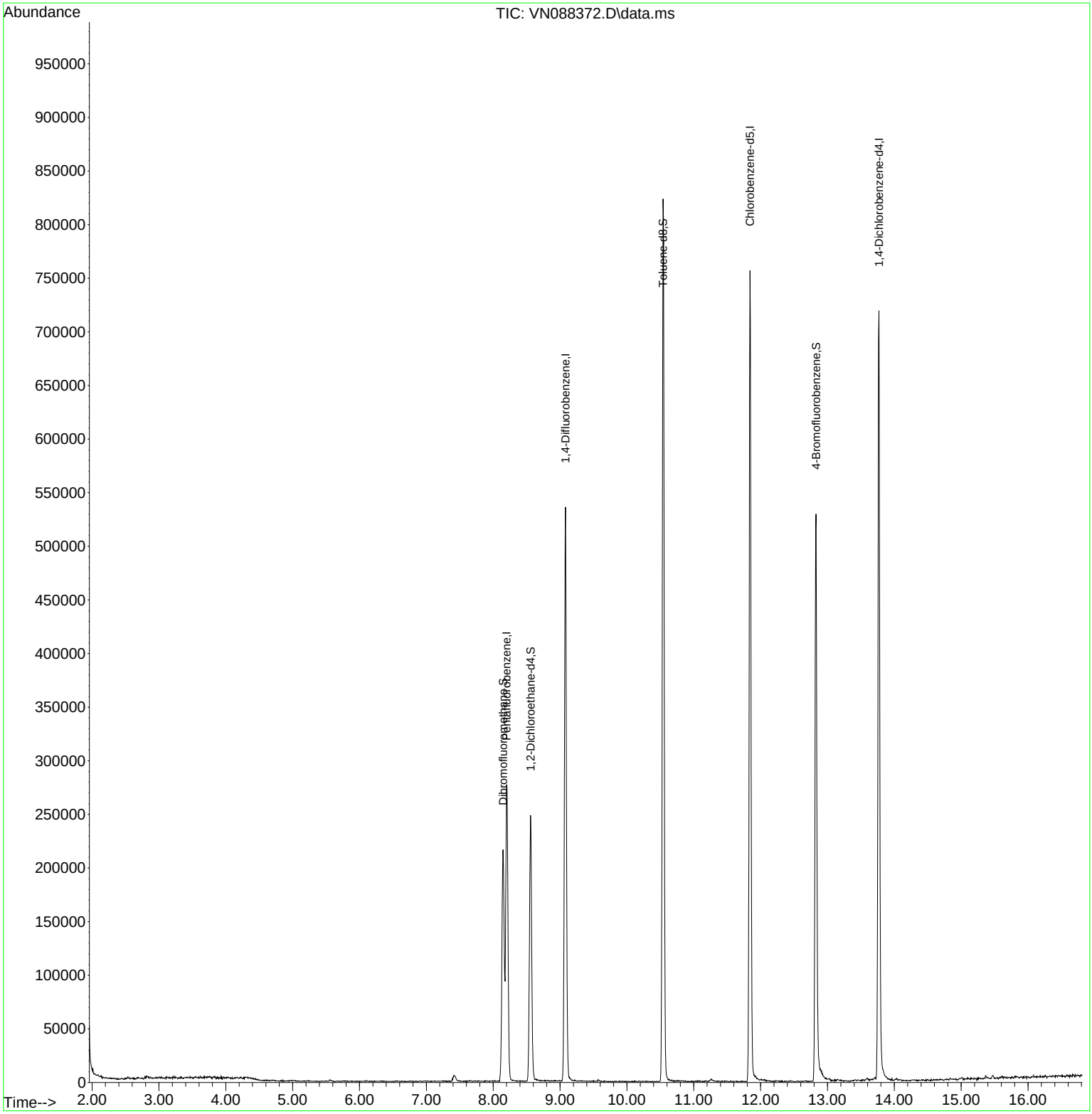
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	188076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	435319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	418422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	198799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204928	57.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.680%			
35) Dibromofluoromethane	8.147	113	157356	52.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.541	98	561082	49.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.829	95	201912	52.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.860%			
Target Compounds						Qvalue

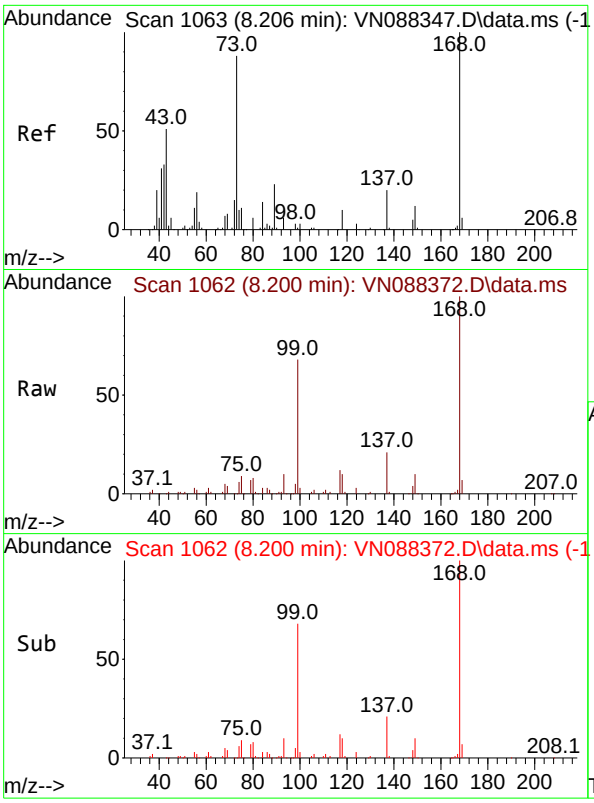
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



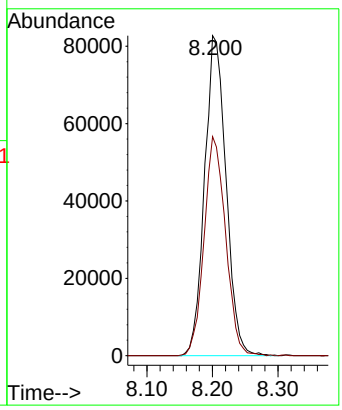


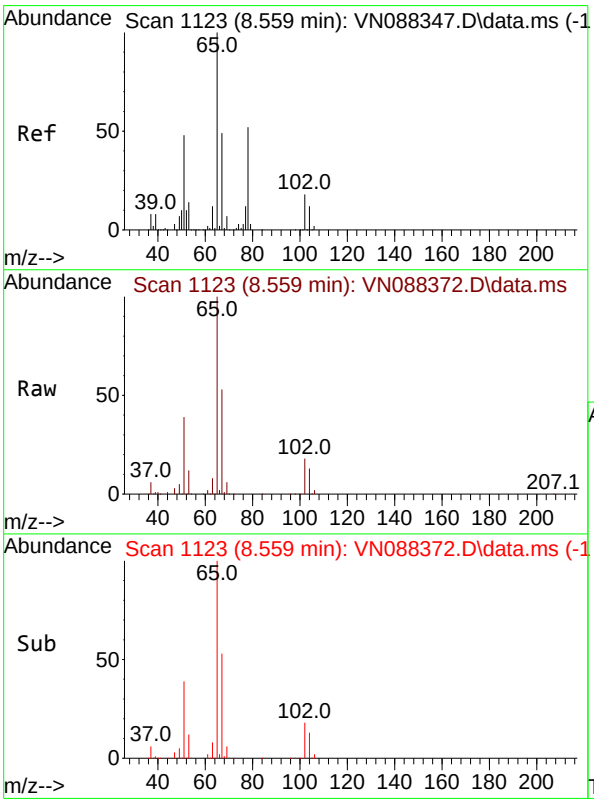
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion:168 Resp: 188076

Ion	Ratio	Lower	Upper
168	100		
99	68.5	57.1	85.7

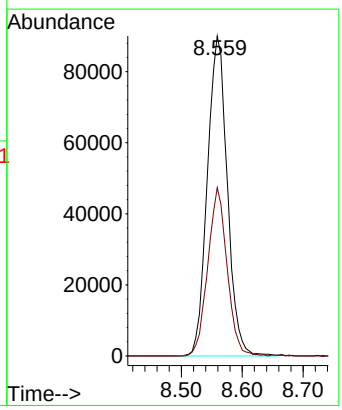


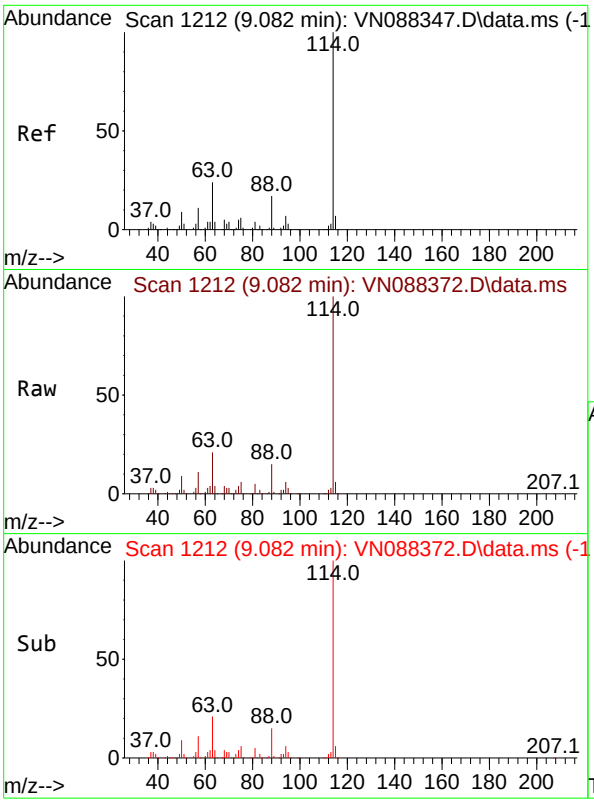


#33
1,2-Dichloroethane-d4
Concen: 57.841 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 65 Resp: 204928

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.8



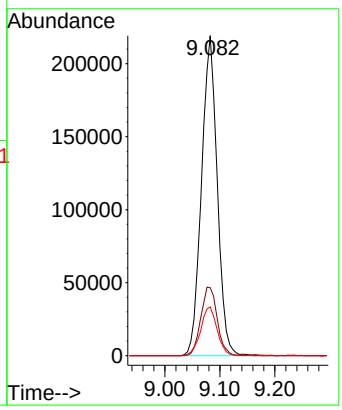


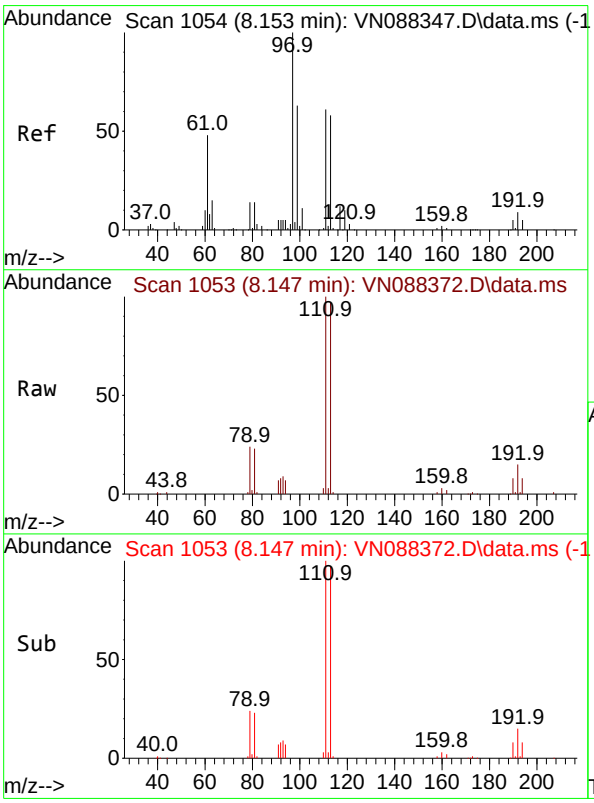
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion:114 Resp: 435319

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	49.0
88	15.3	0.0	34.0

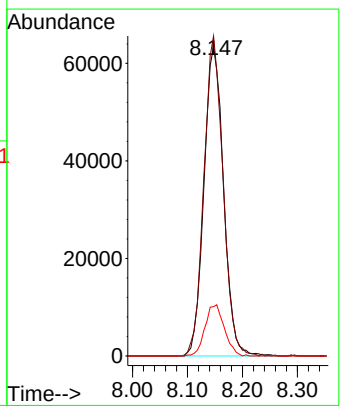


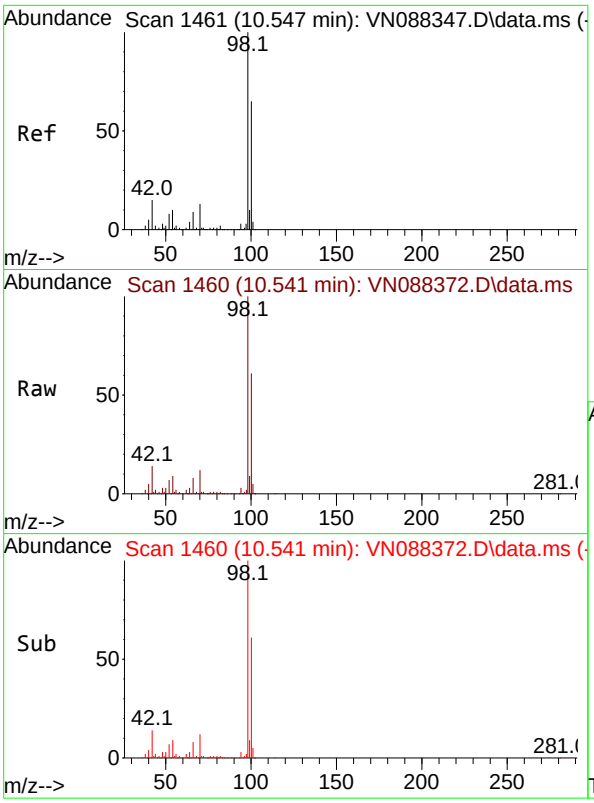


#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion:113 Resp: 157356

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.5	123.7
192	16.3	12.8	19.2



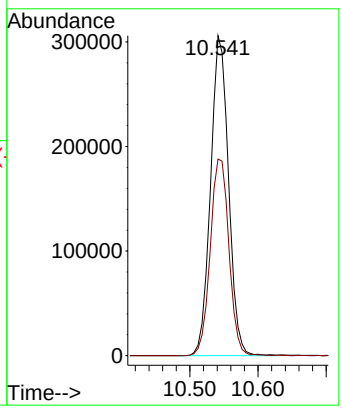


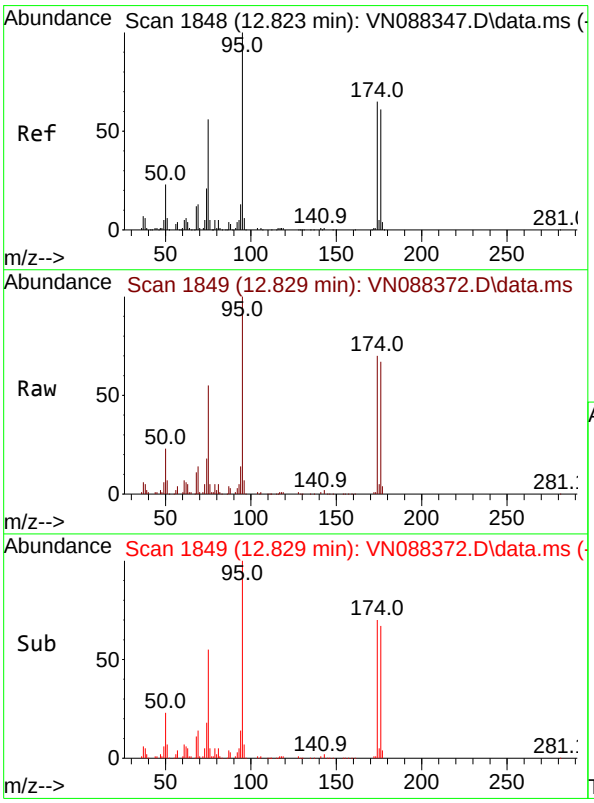
#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion: 98 Resp: 561082

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

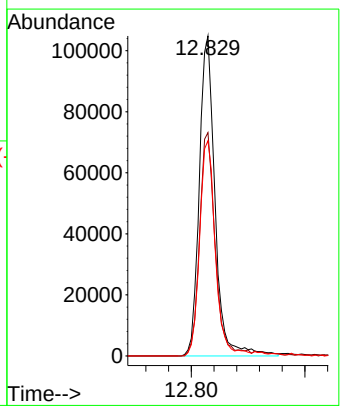


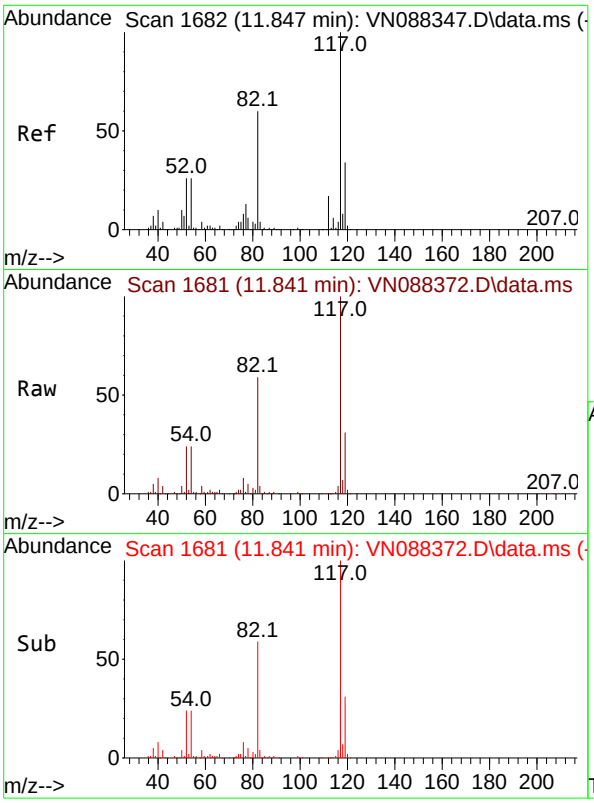


#62
4-Bromofluorobenzene
Concen: 52.426 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 95 Resp: 201912

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	139.0
176	67.0	0.0	132.4



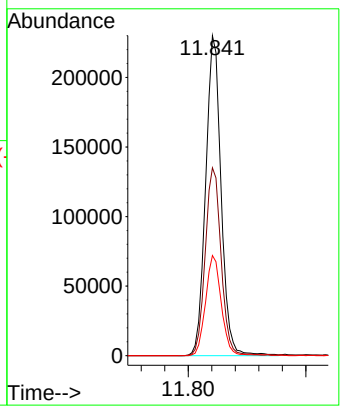


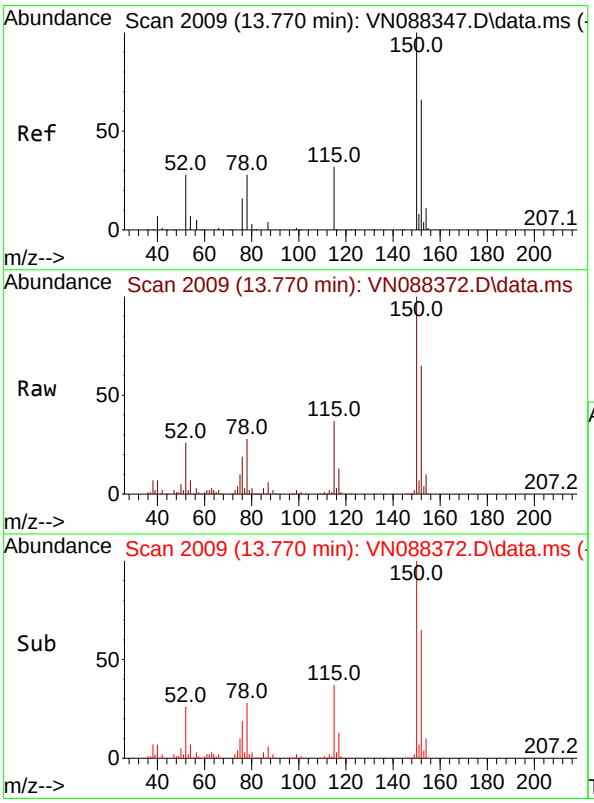
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion:117 Resp: 418422

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	31.3	26.9	40.3

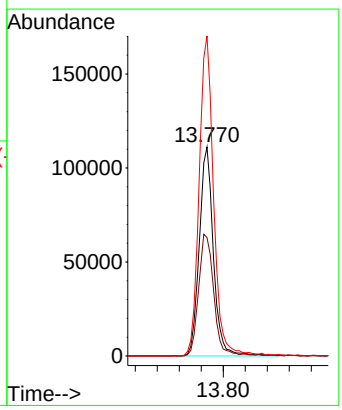




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion:152 Resp: 198799

Ion	Ratio	Lower	Upper
152	100		
115	62.5	33.0	98.9
150	156.8	0.0	349.0



Sample Results: **VN088372.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.412	921	928	937	rBV3	5682	16399	1.06%	0.202%
2	8.147	1042	1053	1058	rBV2	216362	540527	34.79%	6.646%
3	8.200	1058	1062	1077	rVB	276320	627960	40.42%	7.721%
4	8.559	1114	1123	1133	rBV	247884	561166	36.12%	6.900%
5	9.082	1203	1212	1228	rBV	535181	1099272	70.76%	13.516%
6	10.541	1452	1460	1475	rBV	822937	1553554	100.00%	19.101%
7	11.841	1672	1681	1694	rBV	756205	1399467	90.08%	17.207%
8	12.829	1841	1849	1859	rBV	529059	1004686	64.67%	12.353%
9	13.770	2001	2009	2027	rBV	716850	1330258	85.63%	16.356%

Sum of corrected areas: 8133289

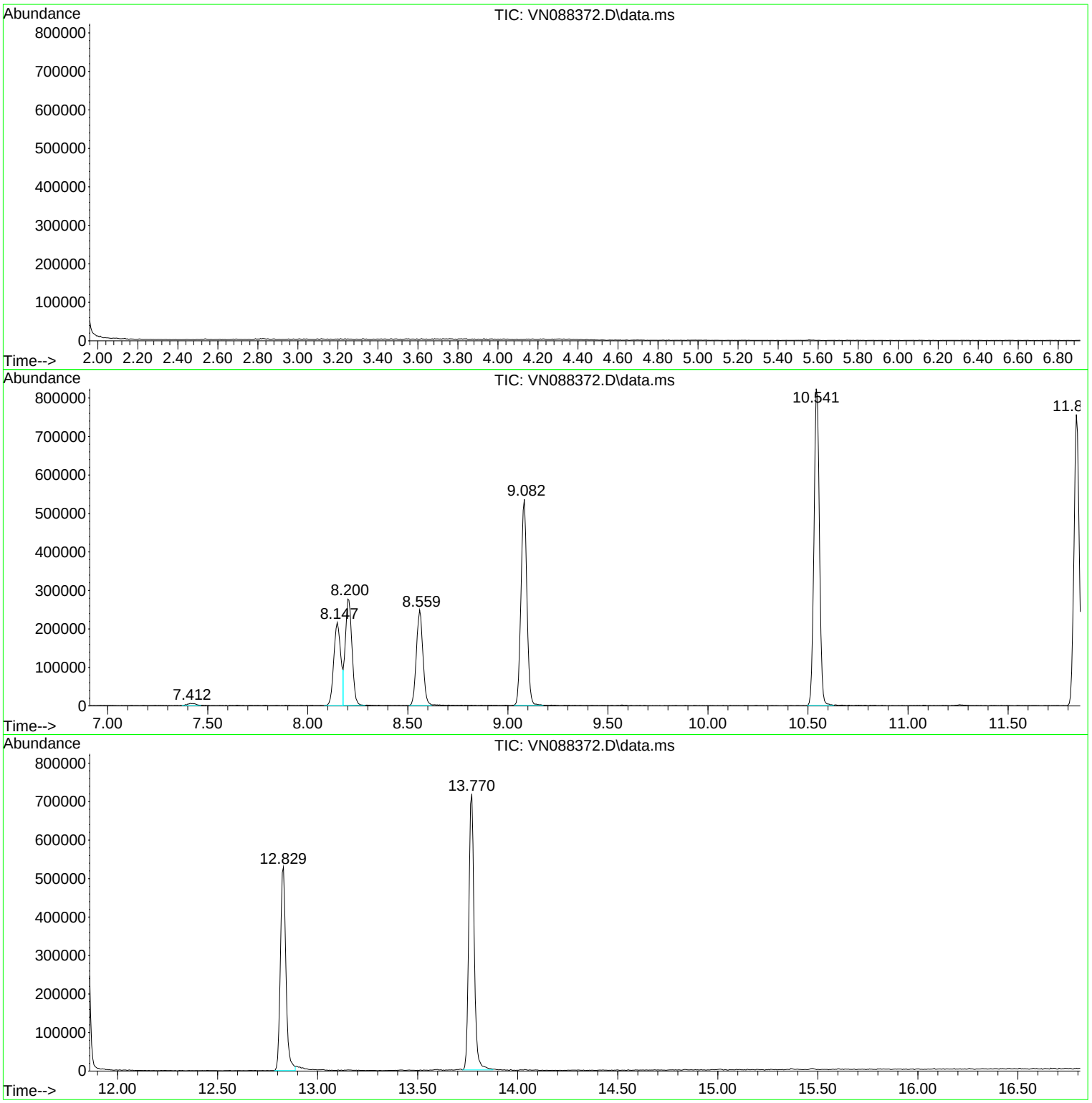
Sample Results: **VN088372.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN088372.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

Raw Data: **VN088397.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1202WBL01			SDG No.:	Q3738
Lab Sample ID:	VN1202WBL01			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									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 10:20	VN120225
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/02/25 10:20	VN120225
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/02/25 10:20	VN120225
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/02/25 10:20	VN120225
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/02/25 10:20	VN120225
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/02/25 10:20	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/02/25 10:20	VN120225
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/02/25 10:20	VN120225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 10:20	VN120225
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/02/25 10:20	VN120225
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/02/25 10:20	VN120225
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/02/25 10:20	VN120225
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/02/25 10:20	VN120225
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/02/25 10:20	VN120225
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 10:20	VN120225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/02/25 10:20	VN120225
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/02/25 10:20	VN120225
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/02/25 10:20	VN120225
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/02/25 10:20	VN120225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/02/25 10:20	VN120225
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 10:20	VN120225
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/02/25 10:20	VN120225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/02/25 10:20	VN120225
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/02/25 10:20	VN120225
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/02/25 10:20	VN120225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 10:20	VN120225
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/02/25 10:20	VN120225
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/02/25 10:20	VN120225
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 10:20	VN120225
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/02/25 10:20	VN120225
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/02/25 10:20	VN120225
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/02/25 10:20	VN120225
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/02/25 10:20	VN120225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/02/25 10:20	VN120225
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/02/25 10:20	VN120225
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/02/25 10:20	VN120225
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/02/25 10:20	VN120225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 10:20	VN120225
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/02/25 10:20	VN120225
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/02/25 10:20	VN120225
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/02/25 10:20	VN120225
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/02/25 10:20	VN120225
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/02/25 10:20	VN120225

Raw Data: **VN088397.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1202WBL01			SDG No.:	Q3738
Lab Sample ID:	VN1202WBL01			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
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/02/25 10:20	VN120225
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/02/25 10:20	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/02/25 10:20	VN120225
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/02/25 10:20	VN120225
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/02/25 10:20	VN120225
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/02/25 10:20	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/02/25 10:20	VN120225
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/02/25 10:20	VN120225
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/02/25 10:20	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.1			70 (74) - 130 (125)	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.4			70 (75) - 130 (124)	105%	SPK: 50		
2037-26-5	Toluene-d8	50.1			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			70 (77) - 130 (121)	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	182000							
540-36-3	1,4-Difluorobenzene	416000							
3114-55-4	Chlorobenzene-d5	402000							
3855-82-1	1,4-Dichlorobenzene-d4	186000							

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\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Time: Dec 03 01:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

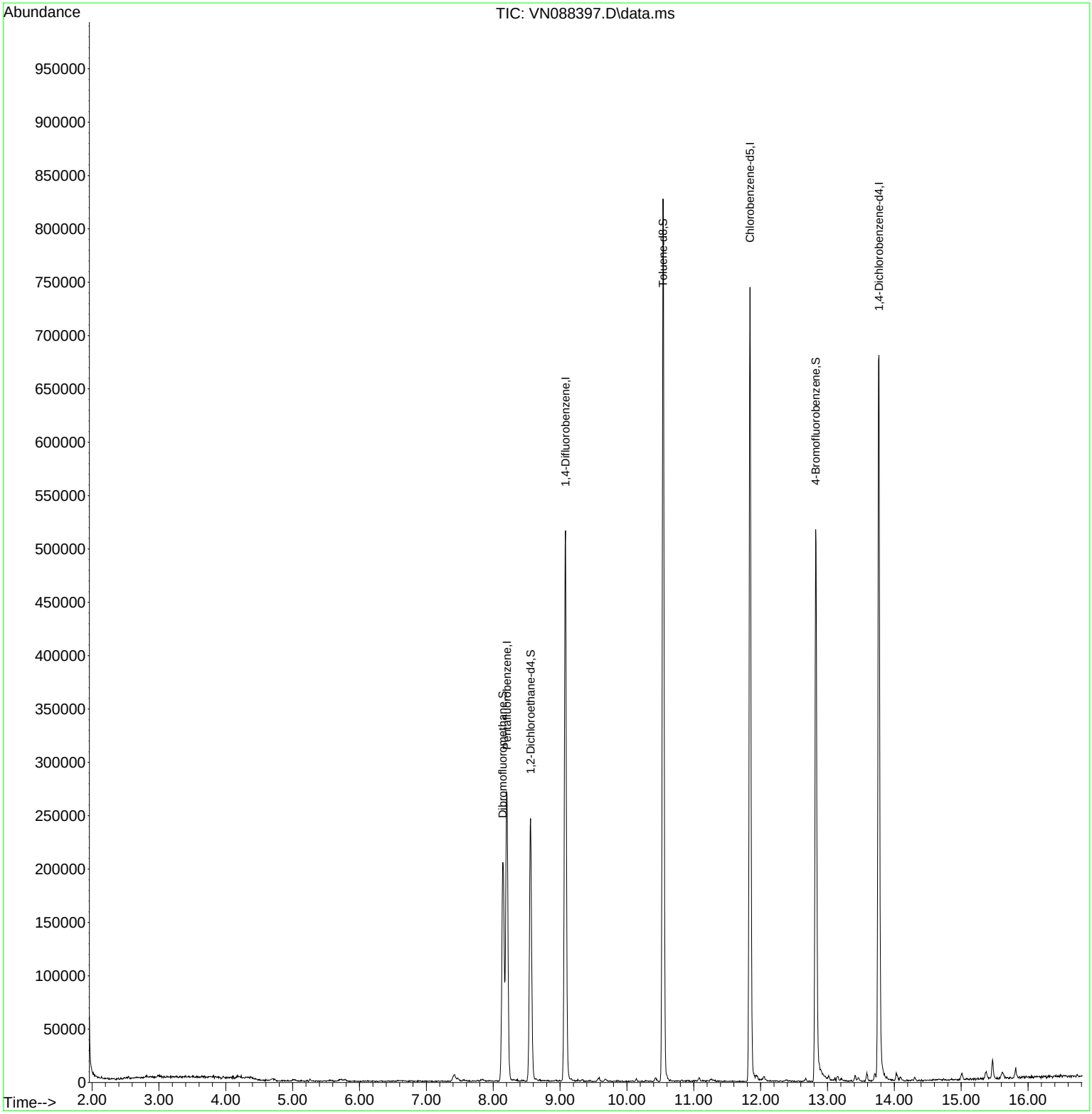
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	181798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	401801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209307	61.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.240%			
35) Dibromofluoromethane	8.141	113	150997	52.423	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.541	98	537087	50.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.823	95	190598	51.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.660%			
Target Compounds						Qvalue

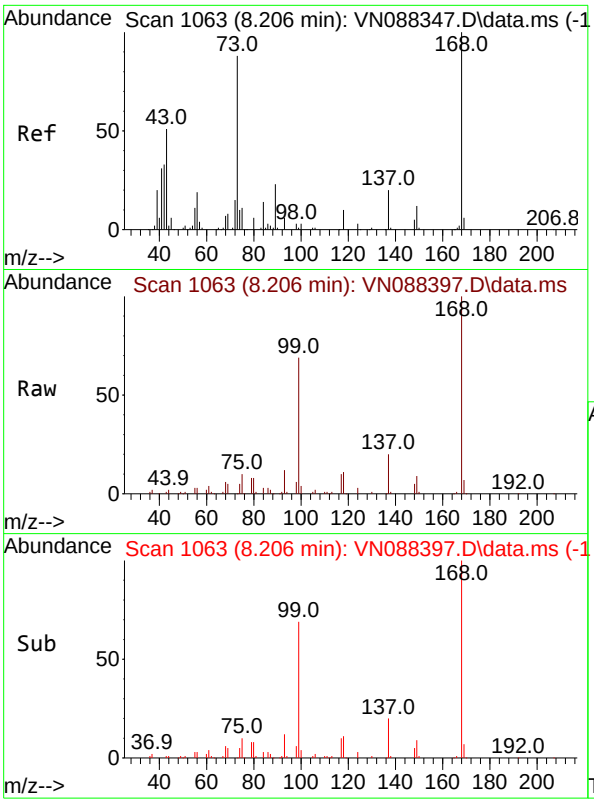
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Time: Dec 03 01:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



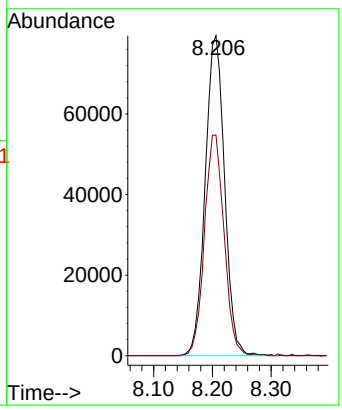


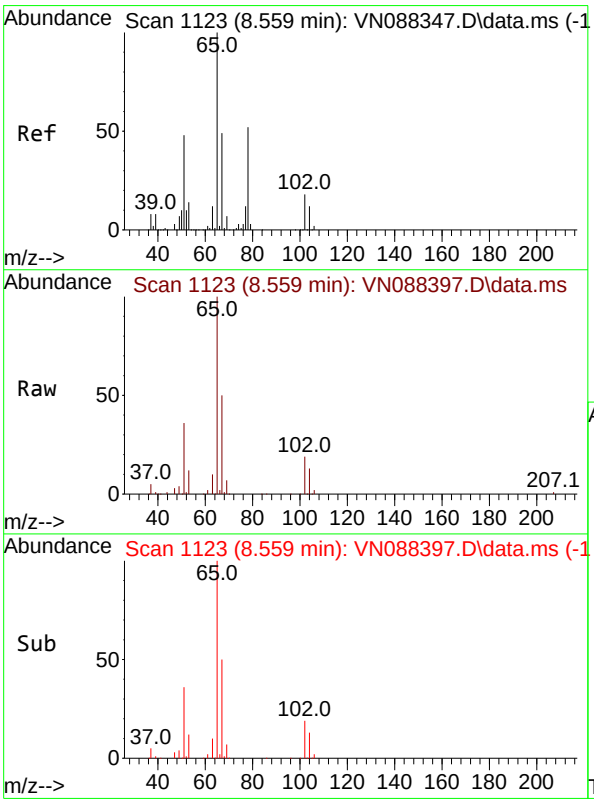
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:168 Resp: 181798

Ion	Ratio	Lower	Upper
168	100		
99	69.0	57.1	85.7

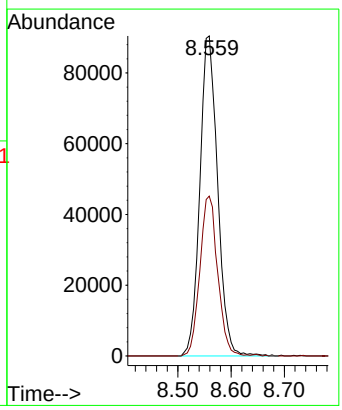


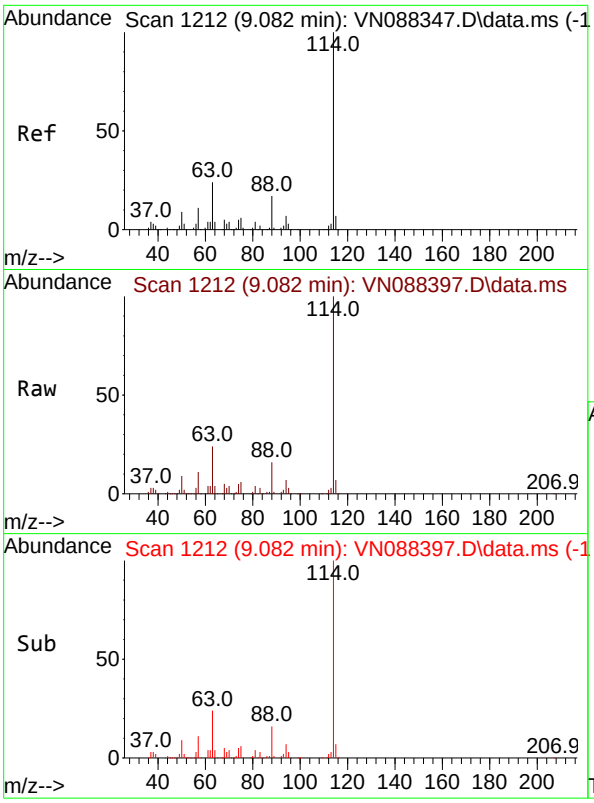


#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 65 Resp: 209307

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.8



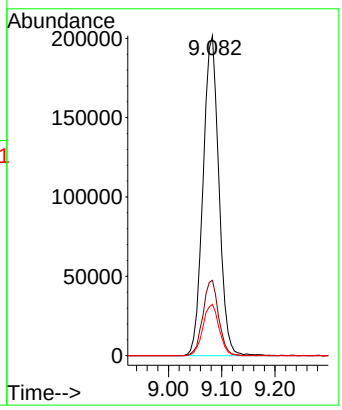


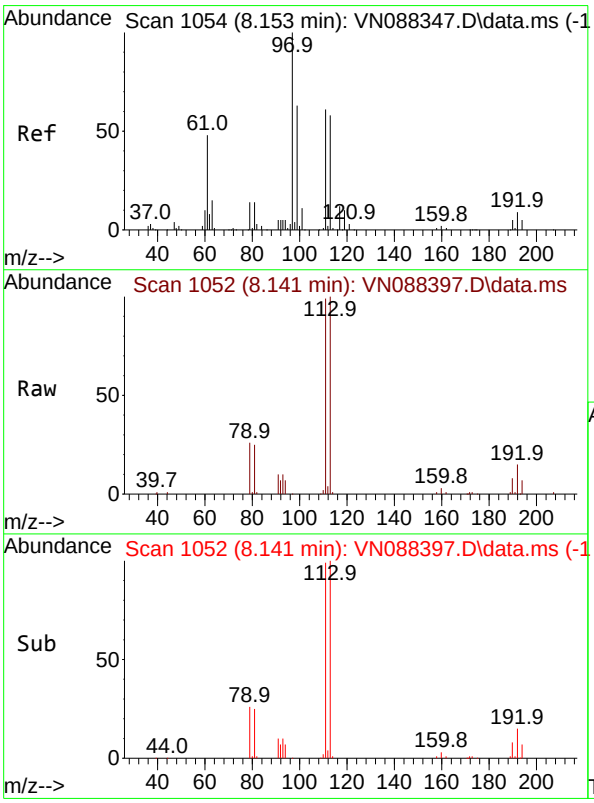
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:114 Resp: 415636

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.0
88	16.0	0.0	34.0

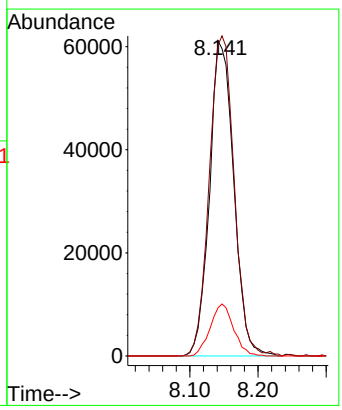


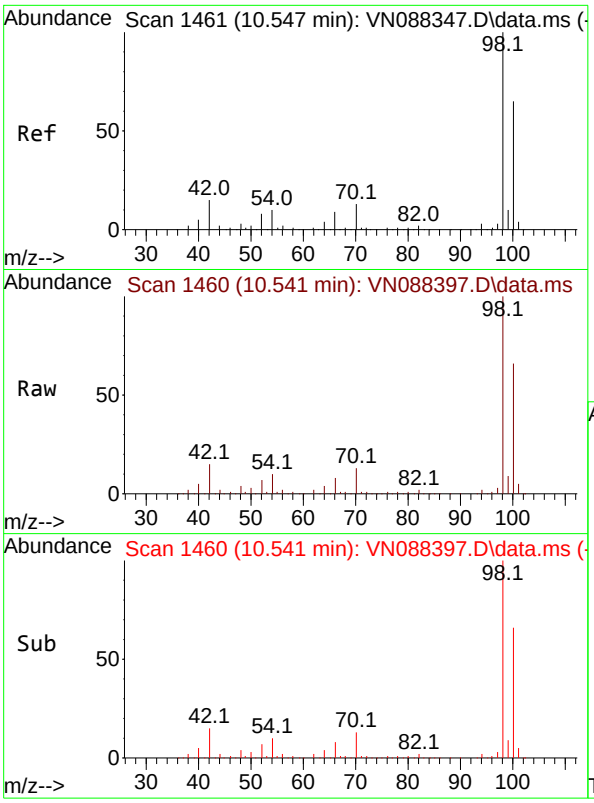


#35
Dibromofluoromethane
Concen: 52.423 ug/l
RT: 8.141 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:113 Resp: 150997

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	16.0	12.8	19.2



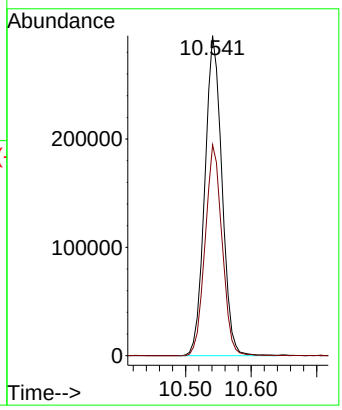


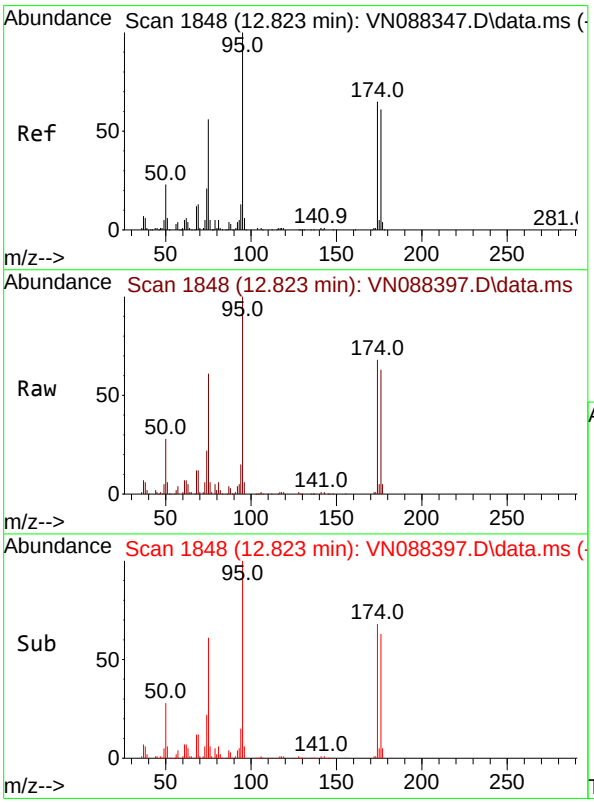
#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion: 98 Resp: 537087

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

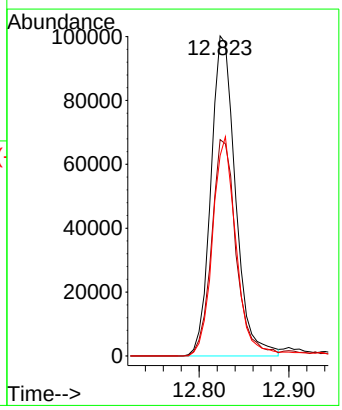


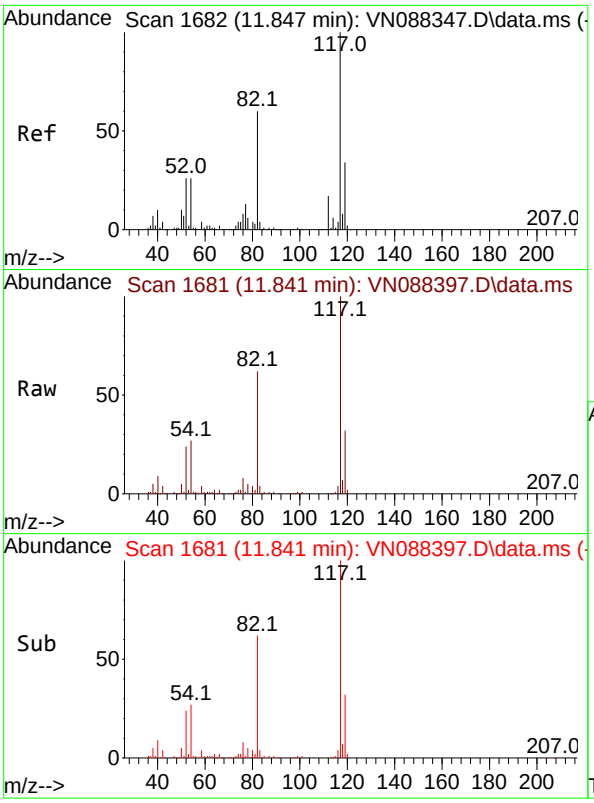


#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 95 Resp: 190598

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	139.0
176	66.5	0.0	132.4



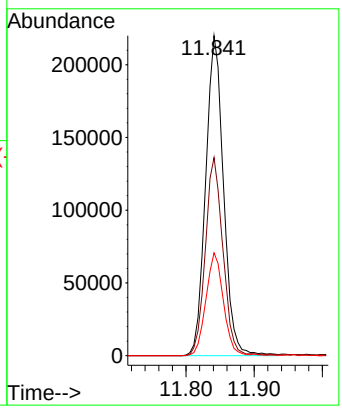


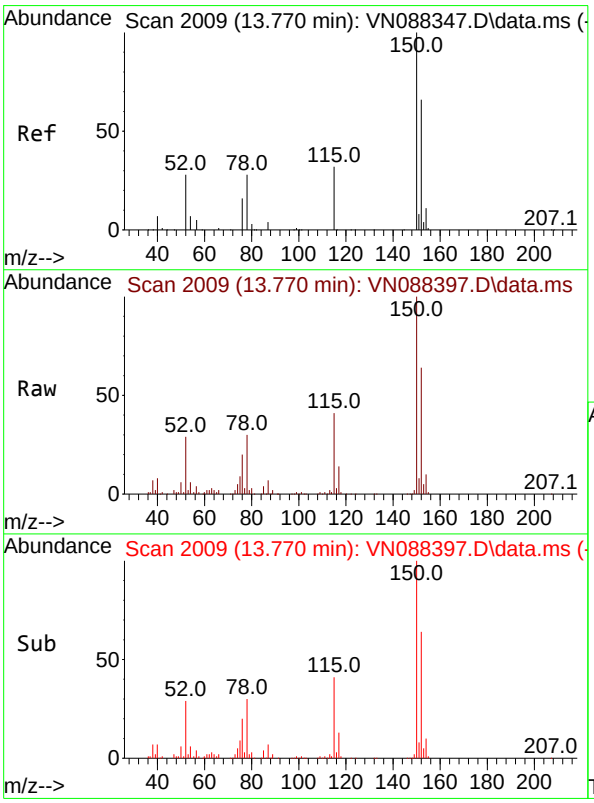
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:117 Resp: 401801

Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.8	71.8
119	32.1	26.9	40.3

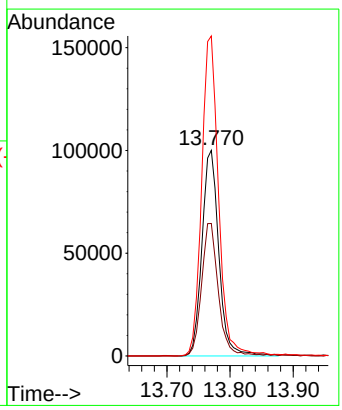




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:152 Resp: 185686

Ion	Ratio	Lower	Upper
152	100		
115	63.7	33.0	98.9
150	155.6	0.0	349.0



Sample Results: **VN088397.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.424	919	930	936	rBV3	6492	21258	1.40%	0.266%
2	8.141	1043	1052	1057	rBV	204776	500870	33.01%	6.265%
3	8.200	1057	1062	1076	rVB	270400	648173	42.72%	8.108%
4	8.559	1114	1123	1134	rBV	246216	563383	37.13%	7.047%
5	9.082	1200	1212	1225	rBV	515879	1079886	71.17%	13.508%
6	10.541	1450	1460	1476	rBV	827452	1517242	100.00%	18.979%
7	11.841	1672	1681	1694	rBV	744504	1367718	90.15%	17.109%
8	12.823	1840	1848	1859	rBV	517805	974619	64.24%	12.192%
9	13.770	2001	2009	2022	rVV	677307	1257218	82.86%	15.727%
10	15.376	2274	2282	2288	rBV7	7514	17829	1.18%	0.223%
11	15.470	2293	2298	2307	rVB5	17743	30566	2.01%	0.382%
12	15.817	2351	2357	2363	rVB6	9366	15387	1.01%	0.192%

Sum of corrected areas: 7994149

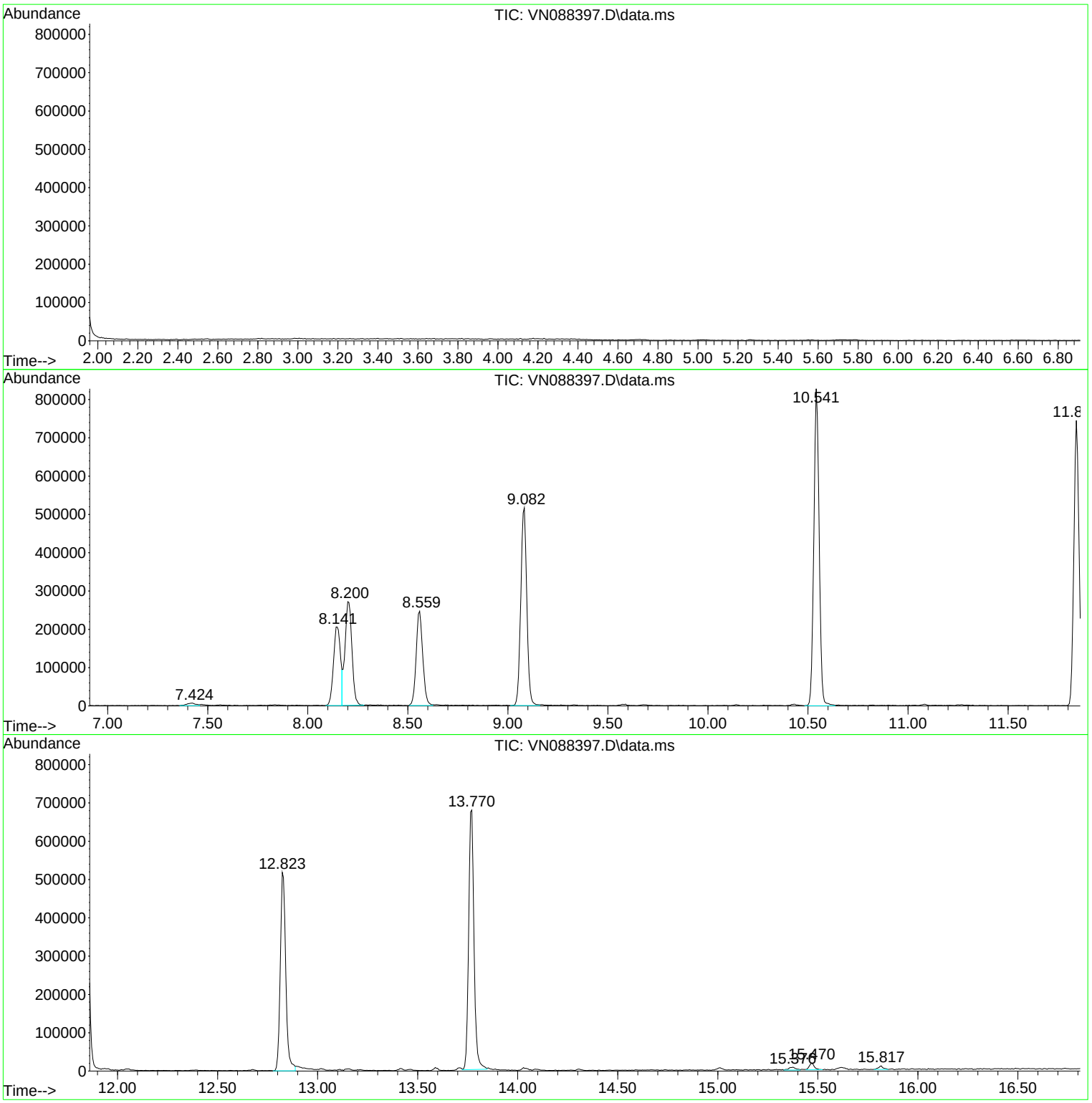
Sample Results: **VN088397.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN088397.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088397.D
Acq On : 02 Dec 2025 10:20
Operator : JC\MD
Sample : VN1202WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

Raw Data: **VN088373.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBS01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBS01			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									
75-71-8	Dichlorodifluoromethane	18.2		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 11:27	VN120125
75-01-4	Vinyl Chloride	18.9		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
74-83-9	Bromomethane	19.7		1	1.40	5.00	ug/L	12/01/25 11:27	VN120125
75-00-3	Chloroethane	19.5		1	0.47	1.00	ug/L	12/01/25 11:27	VN120125
75-69-4	Trichlorofluoromethane	18.6		1	0.33	1.00	ug/L	12/01/25 11:27	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
75-65-0	Tert butyl alcohol	87.5		1	5.50	25.0	ug/L	12/01/25 11:27	VN120125
75-35-4	1,1-Dichloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
67-64-1	Acetone	87.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
75-15-0	Carbon Disulfide	19.4		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
1634-04-4	Methyl tert-butyl Ether	19.9		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-20-9	Methyl Acetate	19.1		1	0.27	1.00	ug/L	12/01/25 11:27	VN120125
75-09-2	Methylene Chloride	20.0		1	0.28	1.00	ug/L	12/01/25 11:27	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
110-82-7	Cyclohexane	17.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
78-93-3	2-Butanone	96.0		1	0.98	5.00	ug/L	12/01/25 11:27	VN120125
56-23-5	Carbon Tetrachloride	18.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
67-66-3	Chloroform	20.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
71-55-6	1,1,1-Trichloroethane	18.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
108-87-2	Methylcyclohexane	17.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
71-43-2	Benzene	19.4		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
107-06-2	1,2-Dichloroethane	19.6		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
79-01-6	Trichloroethene	18.8		1	0.090	1.00	ug/L	12/01/25 11:27	VN120125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
75-27-4	Bromodichloromethane	19.5		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
108-10-1	4-Methyl-2-Pentanone	98.3		1	0.68	5.00	ug/L	12/01/25 11:27	VN120125
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	12/01/25 11:27	VN120125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.17	1.00	ug/L	12/01/25 11:27	VN120125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
591-78-6	2-Hexanone	93.5		1	0.89	5.00	ug/L	12/01/25 11:27	VN120125
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	12/01/25 11:27	VN120125
106-93-4	1,2-Dibromoethane	20.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-41-4	Ethyl Benzene	18.6		1	0.13	1.00	ug/L	12/01/25 11:27	VN120125
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	12/01/25 11:27	VN120125
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125

Raw Data: **VN088373.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBS01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBS01			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
75-25-2	Bromoform	20.0		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
98-82-8	Isopropylbenzene	18.6		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
541-73-1	1,3-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
106-46-7	1,4-Dichlorobenzene	18.5		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1	0.53	1.00	ug/L	12/01/25 11:27	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.5		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
87-61-6	1,2,3-Trichlorobenzene	18.3		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.0			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.1			70 (75) - 130 (124)	110%	SPK: 50		
2037-26-5	Toluene-d8	54.9			70 (86) - 130 (113)	110%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.3			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	257000							
540-36-3	1,4-Difluorobenzene	487000							
3114-55-4	Chlorobenzene-d5	435000							
3855-82-1	1,4-Dichlorobenzene-d4	207000							

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\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	256678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	487472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	207303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271013	56.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.100%			
35) Dibromofluoromethane	8.147	113	186190	55.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.240%			
50) Toluene-d8	10.541	98	690335	54.922	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.829	95	230018	53.334	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	70210	18.211	ug/l	99
3) Chloromethane	2.383	50	80214	19.372	ug/l	94
4) Vinyl Chloride	2.536	62	79487	18.870	ug/l	99
5) Bromomethane	2.989	94	39940	19.700	ug/l	96
6) Chloroethane	3.142	64	50911	19.530	ug/l	99
7) Trichlorofluoromethane	3.512	101	109953	18.572	ug/l	94
8) Diethyl Ether	3.965	74	43004	19.352	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	58508	18.563	ug/l	97
10) Methyl Iodide	4.583	142	59901	19.198	ug/l	98
11) Tert butyl alcohol	5.512	59	67525	87.469	ug/l	97
12) 1,1-Dichloroethene	4.336	96	59547	19.015	ug/l	87
13) Acrolein	4.177	56	88765	120.102	ug/l	97
14) Allyl chloride	5.018	41	108153	18.633	ug/l	98
15) Acrylonitrile	5.706	53	218028	97.888	ug/l	98
16) Acetone	4.418	43	153779	87.939	ug/l	94
17) Carbon Disulfide	4.706	76	198994	19.446	ug/l	100
18) Methyl Acetate	5.018	43	99423	19.100	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	233707	19.919	ug/l	100
20) Methylene Chloride	5.271	84	74861	20.009	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68123	19.638	ug/l	89
22) Diisopropyl ether	6.653	45	255505	20.619	ug/l	93
23) Vinyl Acetate	6.589	43	1003026m	100.465	ug/l	
24) 1,1-Dichloroethane	6.547	63	139057	19.816	ug/l	100
25) 2-Butanone	7.465	43	269940	96.022	ug/l	97
26) 2,2-Dichloropropane	7.471	77	115800	19.118	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	80954	20.080	ug/l	98
28) Bromochloromethane	7.789	49	67630	19.346	ug/l #	98
29) Tetrahydrofuran	7.818	42	200576	99.471	ug/l	99
30) Chloroform	7.941	83	140173	20.329	ug/l	100
31) Cyclohexane	8.241	56	114116	17.945	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	114251	18.845	ug/l	96
36) 1,1-Dichloropropene	8.353	75	93124	17.862	ug/l	99
37) Ethyl Acetate	7.547	43	129007	18.819	ug/l	100
38) Carbon Tetrachloride	8.341	117	94912	18.287	ug/l	96
39) Methylcyclohexane	9.583	83	95473	17.120	ug/l	97
40) Benzene	8.588	78	296136	19.353	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	63234	18.624	ug/l		98
42) 1,2-Dichloroethane	8.653	62	114468	19.607	ug/l		98
43) Isopropyl Acetate	8.671	43	195071	18.624	ug/l		98
44) Trichloroethene	9.330	130	67826	18.759	ug/l		95
45) 1,2-Dichloropropane	9.600	63	77770	19.837	ug/l		93
46) Dibromomethane	9.688	93	55251	19.747	ug/l		98
47) Bromodichloromethane	9.871	83	111551	19.540	ug/l		92
48) Methyl methacrylate	9.659	41	87729	18.357	ug/l		97
49) 1,4-Dioxane	9.683	88	21595	355.324	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	606997	98.320	ug/l		100
52) Toluene	10.606	92	172323	19.503	ug/l		99
53) t-1,3-Dichloropropene	10.812	75	116655	19.908	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	123675	20.070	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	68939	20.166	ug/l		96
56) Ethyl methacrylate	10.859	69	106640	19.749	ug/l		96
57) 1,3-Dichloropropane	11.141	76	122169	19.810	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.135	63	278967	89.610	ug/l		97
59) 2-Hexanone	11.177	43	363554	93.479	ug/l		98
60) Dibromochloromethane	11.335	129	78151	20.054	ug/l		97
61) 1,2-Dibromoethane	11.447	107	71254	20.583	ug/l		98
64) Tetrachloroethene	11.082	164	61757	17.907	ug/l		96
65) Chlorobenzene	11.871	112	190129	19.458	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65977	20.020	ug/l		98
67) Ethyl Benzene	11.941	91	316848	18.553	ug/l		99
68) m/p-Xylenes	12.047	106	234320	37.005	ug/l		97
69) o-Xylene	12.376	106	110515	18.307	ug/l		100
70) Styrene	12.388	104	191890	19.577	ug/l		99
71) Bromoform	12.559	173	48189	19.963	ug/l	#	99
73) Isopropylbenzene	12.676	105	285585	18.632	ug/l		99
74) N-amyl acetate	12.682	43	103450m	19.818	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.912	83	99427	20.065	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	95762m	19.723	ug/l		
77) Bromobenzene	12.959	156	70858	20.205	ug/l		97
78) n-propylbenzene	13.012	91	349255	18.625	ug/l		100
79) 2-Chlorotoluene	13.100	91	213346	18.631	ug/l		98
80) 1,3,5-Trimethylbenzene	13.147	105	239698	18.872	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	31603	18.465	ug/l	#	98
82) 4-Chlorotoluene	13.200	91	222136	19.531	ug/l		99
83) tert-Butylbenzene	13.412	119	195850	18.139	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	244186	19.342	ug/l		99
85) sec-Butylbenzene	13.594	105	282563	18.217	ug/l		100
86) p-Isopropyltoluene	13.706	119	237355	18.661	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	129958	19.036	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	131944	18.451	ug/l		97
89) n-Butylbenzene	14.029	91	220480	17.853	ug/l		100
90) Hexachloroethane	14.306	117	42679	18.368	ug/l		95
91) 1,2-Dichlorobenzene	14.082	146	124887	19.439	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	21886	18.204	ug/l		99
93) 1,2,4-Trichlorobenzene	15.365	180	70611	18.498	ug/l		98
94) Hexachlorobutadiene	15.470	225	24611	17.942	ug/l		99
95) Naphthalene	15.612	128	234599	17.736	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	68004	18.306	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

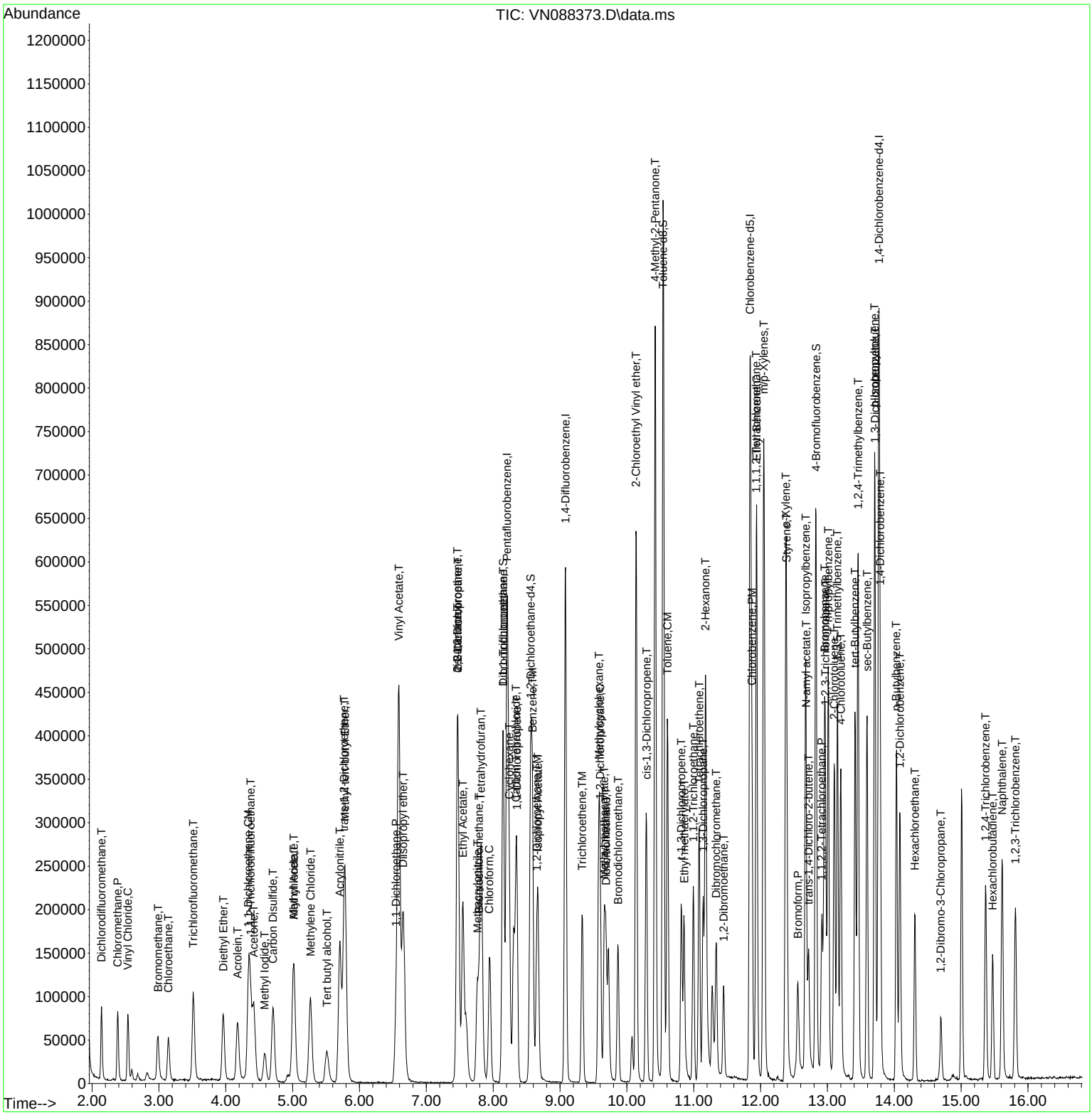
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



Raw Data: **VN088400.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1202WBS02			SDG No.:	Q3738
Lab Sample ID:	VN1202WBS02			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									
75-71-8	Dichlorodifluoromethane	19.1		1	0.22	1.00	ug/L	12/02/25 11:34	VN120225
74-87-3	Chloromethane	18.7		1	0.32	1.00	ug/L	12/02/25 11:34	VN120225
75-01-4	Vinyl Chloride	18.2		1	0.26	1.00	ug/L	12/02/25 11:34	VN120225
74-83-9	Bromomethane	19.5		1	1.40	5.00	ug/L	12/02/25 11:34	VN120225
75-00-3	Chloroethane	18.7		1	0.47	1.00	ug/L	12/02/25 11:34	VN120225
75-69-4	Trichlorofluoromethane	18.8		1	0.33	1.00	ug/L	12/02/25 11:34	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		1	0.25	1.00	ug/L	12/02/25 11:34	VN120225
75-65-0	Tert butyl alcohol	78.6		1	5.50	25.0	ug/L	12/02/25 11:34	VN120225
75-35-4	1,1-Dichloroethene	18.5		1	0.23	1.00	ug/L	12/02/25 11:34	VN120225
67-64-1	Acetone	87.8		1	1.50	5.00	ug/L	12/02/25 11:34	VN120225
75-15-0	Carbon Disulfide	18.6		1	0.21	1.00	ug/L	12/02/25 11:34	VN120225
1634-04-4	Methyl tert-butyl Ether	19.6		1	0.16	1.00	ug/L	12/02/25 11:34	VN120225
79-20-9	Methyl Acetate	19.7		1	0.27	1.00	ug/L	12/02/25 11:34	VN120225
75-09-2	Methylene Chloride	19.1		1	0.28	1.00	ug/L	12/02/25 11:34	VN120225
156-60-5	trans-1,2-Dichloroethene	18.6		1	0.23	1.00	ug/L	12/02/25 11:34	VN120225
75-34-3	1,1-Dichloroethane	19.2		1	0.23	1.00	ug/L	12/02/25 11:34	VN120225
110-82-7	Cyclohexane	18.9		1	1.50	5.00	ug/L	12/02/25 11:34	VN120225
78-93-3	2-Butanone	93.7		1	0.98	5.00	ug/L	12/02/25 11:34	VN120225
56-23-5	Carbon Tetrachloride	19.1		1	0.25	1.00	ug/L	12/02/25 11:34	VN120225
156-59-2	cis-1,2-Dichloroethene	18.6		1	0.19	1.00	ug/L	12/02/25 11:34	VN120225
74-97-5	Bromochloromethane	20.9		1	0.22	1.00	ug/L	12/02/25 11:34	VN120225
67-66-3	Chloroform	19.7		1	0.25	1.00	ug/L	12/02/25 11:34	VN120225
71-55-6	1,1,1-Trichloroethane	18.8		1	0.20	1.00	ug/L	12/02/25 11:34	VN120225
108-87-2	Methylcyclohexane	17.9		1	0.16	1.00	ug/L	12/02/25 11:34	VN120225
71-43-2	Benzene	18.7		1	0.15	1.00	ug/L	12/02/25 11:34	VN120225
107-06-2	1,2-Dichloroethane	20.3		1	0.22	1.00	ug/L	12/02/25 11:34	VN120225
79-01-6	Trichloroethene	17.9		1	0.090	1.00	ug/L	12/02/25 11:34	VN120225
78-87-5	1,2-Dichloropropane	19.1		1	0.20	1.00	ug/L	12/02/25 11:34	VN120225
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	12/02/25 11:34	VN120225
108-10-1	4-Methyl-2-Pentanone	99.6		1	0.68	5.00	ug/L	12/02/25 11:34	VN120225
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	12/02/25 11:34	VN120225
10061-02-6	t-1,3-Dichloropropene	18.7		1	0.17	1.00	ug/L	12/02/25 11:34	VN120225
10061-01-5	cis-1,3-Dichloropropene	19.0		1	0.16	1.00	ug/L	12/02/25 11:34	VN120225
79-00-5	1,1,2-Trichloroethane	20.1		1	0.21	1.00	ug/L	12/02/25 11:34	VN120225
591-78-6	2-Hexanone	93.9		1	0.89	5.00	ug/L	12/02/25 11:34	VN120225
124-48-1	Dibromochloromethane	19.3		1	0.18	1.00	ug/L	12/02/25 11:34	VN120225
106-93-4	1,2-Dibromoethane	19.5		1	0.15	1.00	ug/L	12/02/25 11:34	VN120225
127-18-4	Tetrachloroethene	16.6		1	0.23	1.00	ug/L	12/02/25 11:34	VN120225
108-90-7	Chlorobenzene	18.8		1	0.12	1.00	ug/L	12/02/25 11:34	VN120225
100-41-4	Ethyl Benzene	18.5		1	0.13	1.00	ug/L	12/02/25 11:34	VN120225
179601-23-1	m/p-Xylenes	37.6		1	0.24	2.00	ug/L	12/02/25 11:34	VN120225
95-47-6	o-Xylene	18.1		1	0.12	1.00	ug/L	12/02/25 11:34	VN120225
100-42-5	Styrene	19.3		1	0.15	1.00	ug/L	12/02/25 11:34	VN120225

Raw Data: **VN088400.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1202WBS02			SDG No.:	Q3738
Lab Sample ID:	VN1202WBS02			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
75-25-2	Bromoform	19.9		1	0.19	1.00	ug/L	12/02/25 11:34	VN120225
98-82-8	Isopropylbenzene	18.6		1	0.12	1.00	ug/L	12/02/25 11:34	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1	0.26	1.00	ug/L	12/02/25 11:34	VN120225
541-73-1	1,3-Dichlorobenzene	18.8		1	0.16	1.00	ug/L	12/02/25 11:34	VN120225
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	12/02/25 11:34	VN120225
95-50-1	1,2-Dichlorobenzene	18.8		1	0.16	1.00	ug/L	12/02/25 11:34	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1	0.53	1.00	ug/L	12/02/25 11:34	VN120225
120-82-1	1,2,4-Trichlorobenzene	18.2		1	0.20	1.00	ug/L	12/02/25 11:34	VN120225
87-61-6	1,2,3-Trichlorobenzene	18.5		1	0.20	1.00	ug/L	12/02/25 11:34	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.1			70 (74) - 130 (125)	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	50.5			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.3			70 (77) - 130 (121)	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	245000							
540-36-3	1,4-Difluorobenzene	446000							
3114-55-4	Chlorobenzene-d5	396000							
3855-82-1	1,4-Dichlorobenzene-d4	188000							

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\VN120225\
Data File : VN088400.D
Acq On : 02 Dec 2025 11:34
Operator : JC\MD
Sample : VN1202WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 03 01:25:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	245156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	446464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240662	52.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	8.147	113	161190	52.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	10.541	98	580861	50.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.823	95	194910	49.345	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	70157	19.053	ug/l	95
3) Chloromethane	2.383	50	74084	18.733	ug/l	97
4) Vinyl Chloride	2.536	62	73356	18.233	ug/l	98
5) Bromomethane	2.983	94	37837	19.540	ug/l	97
6) Chloroethane	3.142	64	46465	18.662	ug/l	98
7) Trichlorofluoromethane	3.518	101	106266	18.793	ug/l	98
8) Diethyl Ether	3.959	74	38646	18.209	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	56672	18.826	ug/l	97
10) Methyl Iodide	4.589	142	50851	17.064	ug/l	94
11) Tert butyl alcohol	5.512	59	57939	78.579	ug/l	97
12) 1,1-Dichloroethene	4.342	96	55427	18.532	ug/l	97
13) Acrolein	4.171	56	70631	100.057	ug/l	98
14) Allyl chloride	5.024	41	97630	17.611	ug/l	98
15) Acrylonitrile	5.706	53	197874	93.015	ug/l	98
16) Acetone	4.424	43	146653	87.806	ug/l	94
17) Carbon Disulfide	4.706	76	181733	18.594	ug/l	97
18) Methyl Acetate	5.024	43	98079	19.728	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	219830	19.617	ug/l	100
20) Methylene Chloride	5.265	84	68202	19.086	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	61577	18.585	ug/l	92
22) Diisopropyl ether	6.653	45	232233	19.622	ug/l	95
23) Vinyl Acetate	6.589	43	948981m	99.519	ug/l	
24) 1,1-Dichloroethane	6.553	63	128842	19.223	ug/l	95
25) 2-Butanone	7.471	43	251629	93.715	ug/l	92
26) 2,2-Dichloropropane	7.471	77	108173	18.698	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71623	18.601	ug/l	97
28) Bromochloromethane	7.794	49	69751	20.891	ug/l	99
29) Tetrahydrofuran	7.824	42	178128	92.491	ug/l	99
30) Chloroform	7.953	83	129498	19.663	ug/l	99
31) Cyclohexane	8.235	56	114899	18.917	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	108786	18.786	ug/l	98
36) 1,1-Dichloropropene	8.353	75	87696	18.366	ug/l	98
37) Ethyl Acetate	7.547	43	118314	18.844	ug/l	99
38) Carbon Tetrachloride	8.341	117	90553	19.050	ug/l	98
39) Methylcyclohexane	9.577	83	91293	17.874	ug/l	91
40) Benzene	8.582	78	261591	18.666	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088400.D
Acq On : 02 Dec 2025 11:34
Operator : JC\MD
Sample : VN1202WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 03 01:25:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	57900	18.619	ug/l		99
42) 1,2-Dichloroethane	8.647	62	108373	20.268	ug/l		99
43) Isopropyl Acetate	8.671	43	183066	19.084	ug/l		99
44) Trichloroethene	9.335	130	59332	17.917	ug/l		88
45) 1,2-Dichloropropane	9.600	63	68444	19.062	ug/l		89
46) Dibromomethane	9.682	93	50750	19.805	ug/l		100
47) Bromodichloromethane	9.865	83	103508	19.797	ug/l		95
48) Methyl methacrylate	9.665	41	84066	19.207	ug/l		97
49) 1,4-Dioxane	9.682	88	19101	343.156	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.424	43	563219	99.609	ug/l		99
52) Toluene	10.606	92	157757	19.495	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	100141	18.659	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	107513	19.049	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	62971	20.113	ug/l		96
56) Ethyl methacrylate	10.853	69	96496	19.511	ug/l		96
57) 1,3-Dichloropropane	11.141	76	109205	19.334	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	274912	96.419	ug/l		99
59) 2-Hexanone	11.176	43	334598	93.936	ug/l		97
60) Dibromochloromethane	11.335	129	68805	19.277	ug/l		98
61) 1,2-Dibromoethane	11.447	107	61736	19.472	ug/l		100
64) Tetrachloroethene	11.082	164	52163	16.603	ug/l		97
65) Chlorobenzene	11.871	112	167678	18.836	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	57320	19.092	ug/l		97
67) Ethyl Benzene	11.941	91	287588	18.484	ug/l		99
68) m/p-Xylenes	12.047	106	216717	37.568	ug/l		100
69) o-Xylene	12.376	106	99322	18.060	ug/l		98
70) Styrene	12.388	104	172048	19.267	ug/l		99
71) Bromoform	12.559	173	43810	19.922	ug/l	#	99
73) Isopropylbenzene	12.670	105	259362	18.618	ug/l		99
74) N-amyl acetate	12.682	43	94838m	19.990	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	89094	19.783	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	90661m	20.545	ug/l		
77) Bromobenzene	12.959	156	61245	19.215	ug/l		95
78) n-propylbenzene	13.012	91	327010	19.188	ug/l		99
79) 2-Chlorotoluene	13.100	91	195499	18.785	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	219187	18.988	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	28811	18.522	ug/l	#	100
82) 4-Chlorotoluene	13.200	91	199887	19.337	ug/l		99
83) tert-Butylbenzene	13.412	119	183448	18.695	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	225422	19.647	ug/l		97
85) sec-Butylbenzene	13.588	105	270952	19.220	ug/l		99
86) p-Isopropyltoluene	13.706	119	223655	19.348	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	116423	18.764	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	121526	18.698	ug/l		96
89) n-Butylbenzene	14.029	91	209256	18.644	ug/l		99
90) Hexachloroethane	14.306	117	41518	19.661	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	109481	18.750	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20576	18.831	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	62996	18.158	ug/l		96
94) Hexachlorobutadiene	15.476	225	24005	19.255	ug/l		98
95) Naphthalene	15.611	128	214287	17.825	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	62555	18.528	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088400.D
Acq On : 02 Dec 2025 11:34
Operator : JC\MD
Sample : VN1202WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 03 01:25:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

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

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

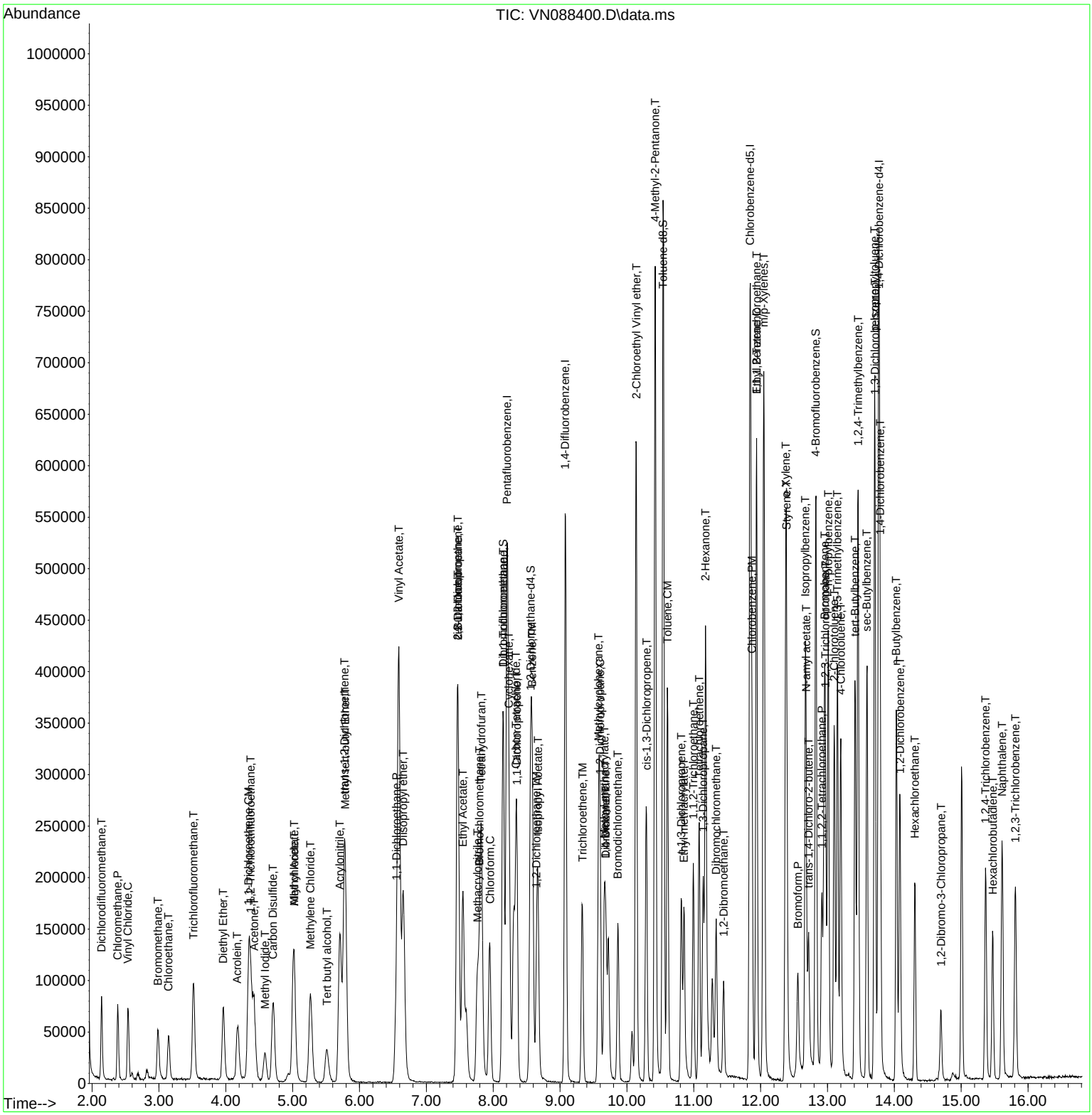
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088400.D
Acq On : 02 Dec 2025 11:34
Operator : JC\MD
Sample : VN1202WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 03 01:25:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBSD01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBSD01			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									
75-71-8	Dichlorodifluoromethane	18.9		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 12:10	VN120125
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
74-83-9	Bromomethane	20.2		1	1.40	5.00	ug/L	12/01/25 12:10	VN120125
75-00-3	Chloroethane	19.3		1	0.47	1.00	ug/L	12/01/25 12:10	VN120125
75-69-4	Trichlorofluoromethane	18.7		1	0.33	1.00	ug/L	12/01/25 12:10	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
75-65-0	Tert butyl alcohol	88.0		1	5.50	25.0	ug/L	12/01/25 12:10	VN120125
75-35-4	1,1-Dichloroethene	18.8		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
67-64-1	Acetone	87.0		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
75-15-0	Carbon Disulfide	18.8		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-20-9	Methyl Acetate	19.0		1	0.27	1.00	ug/L	12/01/25 12:10	VN120125
75-09-2	Methylene Chloride	20.2		1	0.28	1.00	ug/L	12/01/25 12:10	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
110-82-7	Cyclohexane	18.5		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
78-93-3	2-Butanone	96.2		1	0.98	5.00	ug/L	12/01/25 12:10	VN120125
56-23-5	Carbon Tetrachloride	18.8		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
156-59-2	cis-1,2-Dichloroethene	19.4		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
67-66-3	Chloroform	19.6		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
71-55-6	1,1,1-Trichloroethane	19.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
108-87-2	Methylcyclohexane	18.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
107-06-2	1,2-Dichloroethane	19.4		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
79-01-6	Trichloroethene	19.1		1	0.090	1.00	ug/L	12/01/25 12:10	VN120125
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
75-27-4	Bromodichloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
108-10-1	4-Methyl-2-Pentanone	98.5		1	0.68	5.00	ug/L	12/01/25 12:10	VN120125
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	12/01/25 12:10	VN120125
10061-02-6	t-1,3-Dichloropropene	19.1		1	0.17	1.00	ug/L	12/01/25 12:10	VN120125
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-00-5	1,1,2-Trichloroethane	20.0		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
591-78-6	2-Hexanone	94.4		1	0.89	5.00	ug/L	12/01/25 12:10	VN120125
124-48-1	Dibromochloromethane	20.3		1	0.18	1.00	ug/L	12/01/25 12:10	VN120125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-41-4	Ethyl Benzene	18.9		1	0.13	1.00	ug/L	12/01/25 12:10	VN120125
179601-23-1	m/p-Xylenes	37.8		1	0.24	2.00	ug/L	12/01/25 12:10	VN120125
95-47-6	o-Xylene	19.2		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-42-5	Styrene	19.4		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125

Raw Data: **VN088374.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1201WBSD01			SDG No.:	Q3738
Lab Sample ID:	VN1201WBSD01			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
75-25-2	Bromoform	20.1		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
98-82-8	Isopropylbenzene	19.3		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
541-73-1	1,3-Dichlorobenzene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
106-46-7	1,4-Dichlorobenzene	19.0		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
95-50-1	1,2-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	0.53	1.00	ug/L	12/01/25 12:10	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
87-61-6	1,2,3-Trichlorobenzene	19.1		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.2			70 (74) - 130 (125)	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.3			70 (75) - 130 (124)	105%	SPK: 50		
2037-26-5	Toluene-d8	53.2			70 (86) - 130 (113)	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.1			70 (77) - 130 (121)	102%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	257000							
540-36-3	1,4-Difluorobenzene	473000							
3114-55-4	Chlorobenzene-d5	413000							
3855-82-1	1,4-Dichlorobenzene-d4	197000							

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\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	257123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	472668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	196888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	252803	52.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.147	113	171251	52.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.541	98	648629	53.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.829	95	213607	51.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	72877	18.870	ug/l	98
3) Chloromethane	2.383	50	80587	19.429	ug/l	94
4) Vinyl Chloride	2.536	62	79060	18.736	ug/l	99
5) Bromomethane	2.989	94	40980	20.178	ug/l	99
6) Chloroethane	3.148	64	50269	19.250	ug/l	90
7) Trichlorofluoromethane	3.512	101	110683	18.663	ug/l	99
8) Diethyl Ether	3.965	74	42809	19.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	58334	18.476	ug/l	98
10) Methyl Iodide	4.583	142	60569	19.379	ug/l	96
11) Tert butyl alcohol	5.512	59	68039	87.983	ug/l #	81
12) 1,1-Dichloroethene	4.347	96	58831	18.754	ug/l	84
13) Acrolein	4.177	56	87619	118.346	ug/l	97
14) Allyl chloride	5.012	41	104505	17.974	ug/l	98
15) Acrylonitrile	5.706	53	213646	95.755	ug/l	98
16) Acetone	4.418	43	152332	86.961	ug/l	98
17) Carbon Disulfide	4.706	76	192813	18.810	ug/l	100
18) Methyl Acetate	5.018	43	99171	19.019	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	228498	19.442	ug/l	95
20) Methylene Chloride	5.259	84	75693	20.196	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68139	19.608	ug/l	92
22) Diisopropyl ether	6.653	45	244953	19.733	ug/l	96
23) Vinyl Acetate	6.588	43	972820m	97.271	ug/l	
24) 1,1-Dichloroethane	6.553	63	134006	19.063	ug/l	95
25) 2-Butanone	7.465	43	270811	96.165	ug/l	97
26) 2,2-Dichloropropane	7.477	77	112288	18.506	ug/l	95
27) cis-1,2-Dichloroethene	7.465	96	78314	19.392	ug/l	96
28) Bromochloromethane	7.794	49	64631	18.456	ug/l	99
29) Tetrahydrofuran	7.824	42	193749	95.919	ug/l	99
30) Chloroform	7.947	83	135282	19.585	ug/l	96
31) Cyclohexane	8.235	56	117687	18.475	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	115347	18.992	ug/l	95
36) 1,1-Dichloropropene	8.353	75	89956	17.794	ug/l	98
37) Ethyl Acetate	7.547	43	123427	18.569	ug/l	98
38) Carbon Tetrachloride	8.347	117	94617	18.801	ug/l	96
39) Methylcyclohexane	9.576	83	99985	18.491	ug/l	93
40) Benzene	8.588	78	284116	19.149	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	63105	19.168	ug/l		98
42) 1,2-Dichloroethane	8.647	62	109703	19.380	ug/l		98
43) Isopropyl Acetate	8.671	43	192472	18.952	ug/l		99
44) Trichloroethene	9.329	130	66801	19.054	ug/l		90
45) 1,2-Dichloropropane	9.600	63	72843	19.162	ug/l		100
46) Dibromomethane	9.688	93	54401	20.053	ug/l		98
47) Bromodichloromethane	9.865	83	106876	19.308	ug/l	#	93
48) Methyl methacrylate	9.659	41	84615	18.260	ug/l		99
49) 1,4-Dioxane	9.676	88	22017	373.614	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	589357	98.453	ug/l		99
52) Toluene	10.606	92	170024	19.846	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	108520	19.099	ug/l		99
54) cis-1,3-Dichloropropene	10.288	75	116758	19.541	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	66233	19.982	ug/l		95
56) Ethyl methacrylate	10.853	69	104863	20.028	ug/l		97
57) 1,3-Dichloropropane	11.141	76	120668	20.179	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	276569	91.622	ug/l		99
59) 2-Hexanone	11.176	43	355826	94.358	ug/l		98
60) Dibromochloromethane	11.335	129	76699	20.298	ug/l		98
61) 1,2-Dibromoethane	11.447	107	66826	19.909	ug/l		97
64) Tetrachloroethene	11.076	164	62208	18.980	ug/l		95
65) Chlorobenzene	11.870	112	183680	19.779	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	61851	19.747	ug/l		99
67) Ethyl Benzene	11.941	91	306102	18.859	ug/l		97
68) m/p-Xylenes	12.053	106	227659	37.830	ug/l		99
69) o-Xylene	12.376	106	109896	19.155	ug/l		95
70) Styrene	12.388	104	181083	19.438	ug/l		99
71) Bromoform	12.559	173	46125	20.106	ug/l	#	99
73) Isopropylbenzene	12.670	105	280946	19.299	ug/l		100
74) N-amyl acetate	12.682	43	97186m	19.603	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	91931	19.534	ug/l		97
76) 1,2,3-Trichloropropane	12.970	75	93113m	20.192	ug/l		
77) Bromobenzene	12.959	156	65049	19.529	ug/l		96
78) n-propylbenzene	13.012	91	348515	19.569	ug/l		100
79) 2-Chlorotoluene	13.100	91	204279	18.783	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	234071	19.404	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	28199	17.348	ug/l	#	96
82) 4-Chlorotoluene	13.200	91	211139	19.546	ug/l		97
83) tert-Butylbenzene	13.412	119	192736	18.795	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	235984	19.682	ug/l		100
85) sec-Butylbenzene	13.594	105	283289	19.230	ug/l		100
86) p-Isopropyltoluene	13.706	119	228290	18.898	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	126657	19.534	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	129333	19.042	ug/l		98
89) n-Butylbenzene	14.029	91	219415	18.707	ug/l		99
90) Hexachloroethane	14.306	117	41810	18.946	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	115702	18.962	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21103	18.481	ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	65316	18.016	ug/l		95
94) Hexachlorobutadiene	15.470	225	24556	18.849	ug/l		94
95) Naphthalene	15.611	128	231154	18.400	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	67438	19.114	ug/l		98

Sample Results: **VN088374.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

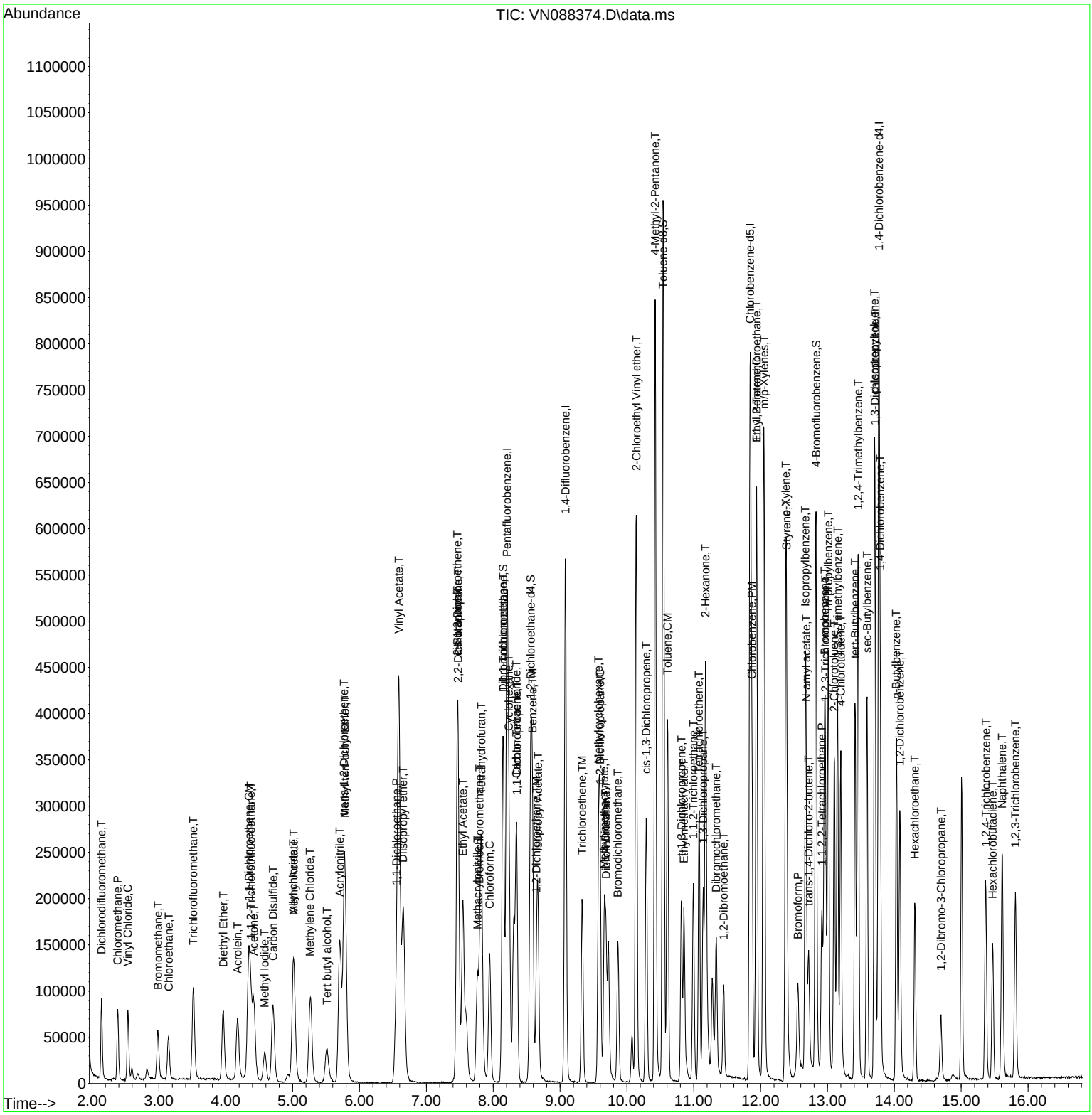
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



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

Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN088344.D	1,1-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,4-Dichlorobenzene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	2-Hexanone	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	cis-1,2-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	Diisopropyl ether	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	Vinyl Acetate	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	N-amyl acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	Vinyl Acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	Vinyl Acetate	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN088348.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Allyl chloride	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Vinyl Acetate	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Allyl chloride	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Vinyl Acetate	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	N-amyl acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	Vinyl Acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN120125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088370.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	Methacrylonitrile	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	N-amyl acetate	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VSTDCCC050	VN088370.D	Vinyl Acetate	JOHN	12/2/2025 7:49:00 AM	MMDadoda	12/2/2025 1:11:28 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	N-amyl acetate	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBS01	VN088373.D	Vinyl Acetate	JOHN	12/2/2025 7:49:05 AM	MMDadoda	12/2/2025 1:11:32 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	N-amyl acetate	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
VN1201WBSD01	VN088374.D	Vinyl Acetate	JOHN	12/2/2025 7:49:10 AM	MMDadoda	12/2/2025 1:11:38 PM	Peak Integrated by Software
Q3738-02	VN088384.D	n-Butylbenzene	JOHN	12/2/2025 7:49:38 AM	MMDadoda	12/2/2025 1:11:59 PM	Peak Integrated by Software
Q3738-02	VN088384.D	o-Xylene	JOHN	12/2/2025 7:49:38 AM	MMDadoda	12/2/2025 1:11:59 PM	Peak Integrated by Software
VSTDCCC050	VN088394.D	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN120125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088394.D	N-amyl acetate	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software
VSTDCCC050	VN088394.D	Vinyl Acetate	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN120225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088396.D	1,2,3-Trichloropropane	JOHN	12/3/2025 8:05:17 AM	MMDadoda	12/3/2025 2:27:54 PM	Peak Integrated by Software
VSTDCCC050	VN088396.D	Vinyl Acetate	JOHN	12/3/2025 8:05:17 AM	MMDadoda	12/3/2025 2:27:54 PM	Peak Integrated by Software
VN1202WBS02	VN088400.D	1,2,3-Trichloropropane	JOHN	12/3/2025 8:05:27 AM	MMDadoda	12/3/2025 2:28:01 PM	Peak Integrated by Software
VN1202WBS02	VN088400.D	N-amyl acetate	JOHN	12/3/2025 8:05:27 AM	MMDadoda	12/3/2025 2:28:01 PM	Peak Integrated by Software
VN1202WBS02	VN088400.D	Vinyl Acetate	JOHN	12/3/2025 8:05:27 AM	MMDadoda	12/3/2025 2:28:01 PM	Peak Integrated by Software
VSTDCCC050	VN088414.D	1,2,3-Trichloropropane	JOHN	12/3/2025 8:06:31 AM	MMDadoda	12/3/2025 2:28:38 PM	Peak Integrated by Software
VSTDCCC050	VN088414.D	Vinyl Acetate	JOHN	12/3/2025 8:06:31 AM	MMDadoda	12/3/2025 2:28:38 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/26/2025 1:52:19 PM				
SubDirectory	VN112425	HP Acquire Method	MSVOA_N		HP Processing Method	82N112425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136378
Initial Calibration Stds	VP136444,VP136445,VP136446,VP136447,VP136448,VP136449
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136450
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088343.D	24 Nov 2025 08:17	JC\MD	Ok
2	VSTDICC001	VN088344.D	24 Nov 2025 12:38	JC\MD	Ok,M
3	VSTDICC005	VN088345.D	24 Nov 2025 13:11	JC\MD	Ok,M
4	VSTDICC020	VN088346.D	24 Nov 2025 13:32	JC\MD	Ok,M
5	VSTDICCC050	VN088347.D	24 Nov 2025 13:53	JC\MD	Ok,M
6	VSTDICC100	VN088348.D	24 Nov 2025 14:14	JC\MD	Ok,M
7	VSTDICC150	VN088349.D	24 Nov 2025 14:35	JC\MD	Ok,M
8	IBLK	VN088350.D	24 Nov 2025 14:56	JC\MD	Ok
9	VSTDICV050	VN088351.D	24 Nov 2025 15:18	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 # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM				
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM				
SubDirectory	VN120125	HP Acquire Method	MSVOA_N		HP Processing Method	82N112425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136451
Initial Calibration Stds	
CCC	VP136452,VP136453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088369.D	01 Dec 2025 08:49	JC\MD	Ok
2	VSTDCCC050	VN088370.D	01 Dec 2025 09:58	JC\MD	Ok,M
3	VN1201MBL01	VN088371.D	01 Dec 2025 10:33	JC\MD	Ok
4	VN1201WBL01	VN088372.D	01 Dec 2025 10:53	JC\MD	Ok
5	VN1201WBS01	VN088373.D	01 Dec 2025 11:27	JC\MD	Ok,M
6	VN1201WBSD01	VN088374.D	01 Dec 2025 12:10	JC\MD	Ok,M
7	Q3715-02	VN088375.D	01 Dec 2025 12:30	JC\MD	Ok,M
8	Q3741-07	VN088376.D	01 Dec 2025 12:51	JC\MD	Ok
9	Q3716-01	VN088377.D	01 Dec 2025 13:11	JC\MD	Dilution
10	Q3716-03	VN088378.D	01 Dec 2025 13:32	JC\MD	Not Ok
11	Q3716-04	VN088379.D	01 Dec 2025 13:52	JC\MD	Dilution
12	Q3715-01	VN088380.D	01 Dec 2025 14:13	JC\MD	ReRun
13	Q3716-02	VN088381.D	01 Dec 2025 14:33	JC\MD	Ok
14	Q3738-01	VN088382.D	01 Dec 2025 14:54	JC\MD	Not Ok
15	Q3738-03	VN088383.D	01 Dec 2025 15:15	JC\MD	Ok
16	Q3738-02	VN088384.D	01 Dec 2025 15:35	JC\MD	Ok,M
17	Q3745-01	VN088385.D	01 Dec 2025 15:56	JC\MD	ReRun
18	Q3745-02	VN088386.D	01 Dec 2025 16:16	JC\MD	Ok
19	Q3745-03	VN088387.D	01 Dec 2025 16:37	JC\MD	Ok
20	Q3745-04	VN088388.D	01 Dec 2025 16:58	JC\MD	Ok
21	Q3743-03	VN088389.D	01 Dec 2025 17:18	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM				
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM				
SubDirectory	VN120125	HP Acquire Method	MSVOA_N		HP Processing Method	82N112425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136451
Initial Calibration Stds	
CCC	VP136452,VP136453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3743-04	VN088390.D	01 Dec 2025 17:39	JC\MD	Ok
23	Q3743-05	VN088391.D	01 Dec 2025 18:00	JC\MD	Not Ok
24	Q3743-01	VN088392.D	01 Dec 2025 18:20	JC\MD	Ok
25	Q3743-02	VN088393.D	01 Dec 2025 18:41	JC\MD	Ok
26	VSTDCCC050	VN088394.D	01 Dec 2025 19:01	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120225

Review By	John Carlone	Review On	12/4/2025 10:35:47 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 12:12:37 PM		
SubDirectory	VN120225	HP Acquire Method		HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136457
Initial Calibration Stds	
CCC	VP136458,VP136459,VP136463,VP136464,VP136465,VP136466,VP136467,VP136468
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088395.D	02 Dec 2025 08:19	JC\MD	Ok
2	VSTDCCC050	VN088396.D	02 Dec 2025 10:00	JC\MD	Ok,M
3	VN1202WBL01	VN088397.D	02 Dec 2025 10:20	JC\MD	Ok
4	VN1202MBL01	VN088398.D	02 Dec 2025 10:40	JC\MD	Ok
5	VN1202WBS01	VN088399.D	02 Dec 2025 11:01	JC\MD	Not Ok
6	VN1202WBS02	VN088400.D	02 Dec 2025 11:34	JC\MD	Ok,M
7	IBLK	VN088401.D	02 Dec 2025 11:54	JC\MD	Ok
8	IBLK	VN088402.D	02 Dec 2025 12:14	JC\MD	Ok
9	Q3738-01	VN088403.D	02 Dec 2025 12:35	JC\MD	Ok
10	Q3716-01DL	VN088404.D	02 Dec 2025 12:55	JC\MD	Ok,M
11	Q3716-04DL	VN088405.D	02 Dec 2025 13:16	JC\MD	Ok,M
12	Q3716-03	VN088406.D	02 Dec 2025 13:36	JC\MD	Ok,M
13	Q3745-01	VN088407.D	02 Dec 2025 13:56	JC\MD	Ok
14	Q3530-07 0.2PPB	VN088408.D	02 Dec 2025 15:02	JC\MD	Ok,M
15	Q3530-07 0.5PPB	VN088409.D	02 Dec 2025 15:22	JC\MD	Ok,M
16	Q3530-07 0.75PPB	VN088410.D	02 Dec 2025 15:42	JC\MD	Ok,M
17	Q3530-07 2.5PPB	VN088411.D	02 Dec 2025 16:03	JC\MD	Ok,M
18	Q3530-08 1.0PPB	VN088412.D	02 Dec 2025 16:23	JC\MD	Ok,M
19	Q3530-08 5.0PPB	VN088413.D	02 Dec 2025 16:44	JC\MD	Ok,M
20	VSTDCCC050	VN088414.D	02 Dec 2025 17:04	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/26/2025 1:52:19 PM		
SubDirectory	VN112425	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136378
Initial Calibration Stds	VP136444,VP136445,VP136446,VP136447,VP136448,VP136449
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136450
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088343.D	24 Nov 2025 08:17		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN088344.D	24 Nov 2025 12:38		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN088345.D	24 Nov 2025 13:11	COM.#74 Peak not detected in 1 and 5 PPB	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN088346.D	24 Nov 2025 13:32		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN088347.D	24 Nov 2025 13:53	Method failed for Comp. #74	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN088348.D	24 Nov 2025 14:14		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN088349.D	24 Nov 2025 14:35		JC\MD	Ok,M
8	IBLK	IBLK	VN088350.D	24 Nov 2025 14:56		JC\MD	Ok
9	VSTDICV050	ICVVN112425	VN088351.D	24 Nov 2025 15:18		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM		
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM		
SubDirectory	VN120125	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136451
Initial Calibration Stds	
CCC	VP136452,VP136453
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	VN088369.D	01 Dec 2025 08:49		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088370.D	01 Dec 2025 09:58	pH#Lot#V12668	JC\MD	Ok,M
3	VN1201MBL01	VN1201MBL01	VN088371.D	01 Dec 2025 10:33		JC\MD	Ok
4	VN1201WBL01	VN1201WBL01	VN088372.D	01 Dec 2025 10:53		JC\MD	Ok
5	VN1201WBS01	VN1201WBS01	VN088373.D	01 Dec 2025 11:27		JC\MD	Ok,M
6	VN1201WBSD01	VN1201WBSD01	VN088374.D	01 Dec 2025 12:10		JC\MD	Ok,M
7	Q3715-02	MW6	VN088375.D	01 Dec 2025 12:30	vial A pH<2	JC\MD	Ok,M
8	Q3741-07	TB-1	VN088376.D	01 Dec 2025 12:51	vial A pH<2 TB	JC\MD	Ok
9	Q3716-01	MW5	VN088377.D	01 Dec 2025 13:11	vial A pH<2 Need 20X	JC\MD	Dilution
10	Q3716-03	MW4	VN088378.D	01 Dec 2025 13:32	Need Straight Run	JC\MD	Not Ok
11	Q3716-04	MW7	VN088379.D	01 Dec 2025 13:52	Need 200X	JC\MD	Dilution
12	Q3715-01	MW2	VN088380.D	01 Dec 2025 14:13	E flag of previous sample	JC\MD	ReRun
13	Q3716-02	MW3	VN088381.D	01 Dec 2025 14:33	vial A pH<2	JC\MD	Ok
14	Q3738-01	MW4	VN088382.D	01 Dec 2025 14:54	Run @ Lower Dilution	JC\MD	Not Ok
15	Q3738-03	Field	VN088383.D	01 Dec 2025 15:15	vial A pH<2 FB	JC\MD	Ok
16	Q3738-02	MW5	VN088384.D	01 Dec 2025 15:35	vial A pH<2	JC\MD	Ok,M
17	Q3745-01	STORAGE-BLANK-SO	VN088385.D	01 Dec 2025 15:56	vial A pH<2 Tics Contamination	JC\MD	ReRun
18	Q3745-02	STORAGE-BLANK-WA	VN088386.D	01 Dec 2025 16:16	vial A pH<2	JC\MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By	Semsettin Yesilyurt	Review On	12/4/2025 10:27:11 AM		
Supervise By	John Carlone	Supervise On	12/4/2025 10:36:07 AM		
SubDirectory	VN120125	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136451
Initial Calibration Stds	
CCC	VP136452,VP136453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3745-03	STORAGE-BLANK-WA	VN088387.D	01 Dec 2025 16:37	vial A pH<2	JC\MD	Ok
20	Q3745-04	STORAGE-BLANK-SAI	VN088388.D	01 Dec 2025 16:58	vial A pH<2	JC\MD	Ok
21	Q3743-03	TB	VN088389.D	01 Dec 2025 17:18	vial A pH<2 TB	JC\MD	Ok
22	Q3743-04	TB	VN088390.D	01 Dec 2025 17:39	vial A pH<2 TB	JC\MD	Ok
23	Q3743-05	TB	VN088391.D	01 Dec 2025 18:00	SIM Method on login	JC\MD	Not Ok
24	Q3743-01	TW-1125-1	VN088392.D	01 Dec 2025 18:20	vial A pH<2	JC\MD	Ok
25	Q3743-02	TW-1125-2	VN088393.D	01 Dec 2025 18:41	vial A pH<2	JC\MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VN088394.D	01 Dec 2025 19:01		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 # VN120225

Review By	John Carlone	Review On	12/4/2025 10:35:47 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 12:12:37 PM		
SubDirectory	VN120225	HP Acquire Method		HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136457
Initial Calibration Stds	
CCC	VP136458,VP136459,VP136463,VP136464,VP136465,VP136466,VP136467,VP136468
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	VN088395.D	02 Dec 2025 08:19		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088396.D	02 Dec 2025 10:00	pH#Lot#V12668	JC\MD	Ok,M
3	VN1202WBL01	VN1202WBL01	VN088397.D	02 Dec 2025 10:20		JC\MD	Ok
4	VN1202MBL01	VN1202MBL01	VN088398.D	02 Dec 2025 10:40		JC\MD	Ok
5	VN1202WBS01	VN1202WBS01	VN088399.D	02 Dec 2025 11:01	Recovery failed	JC\MD	Not Ok
6	VN1202WBS02	VN1202WBS02	VN088400.D	02 Dec 2025 11:34		JC\MD	Ok,M
7	IBLK	IBLK	VN088401.D	02 Dec 2025 11:54		JC\MD	Ok
8	IBLK	IBLK	VN088402.D	02 Dec 2025 12:14		JC\MD	Ok
9	Q3738-01	MW4	VN088403.D	02 Dec 2025 12:35	vial A pH<2	JC\MD	Ok
10	Q3716-01DL	MW5DL	VN088404.D	02 Dec 2025 12:55	vial B pH<2	JC\MD	Ok,M
11	Q3716-04DL	MW7DL	VN088405.D	02 Dec 2025 13:16	vial B pH<2	JC\MD	Ok,M
12	Q3716-03	MW4	VN088406.D	02 Dec 2025 13:36	vial A pH<2	JC\MD	Ok,M
13	Q3745-01	STORAGE-BLANK-SO	VN088407.D	02 Dec 2025 13:56	vial B pH<2	JC\MD	Ok
14	Q3530-07 0.2PPB	LOD-MDL-WATER-01-(	VN088408.D	02 Dec 2025 15:02		JC\MD	Ok,M
15	Q3530-07 0.5PPB	LOD-MDL-WATER-01-(	VN088409.D	02 Dec 2025 15:22		JC\MD	Ok,M
16	Q3530-07 0.75PPB	LOD-MDL-WATER-01-(	VN088410.D	02 Dec 2025 15:42		JC\MD	Ok,M
17	Q3530-07 2.5PPB	LOD-MDL-WATER-01-(	VN088411.D	02 Dec 2025 16:03		JC\MD	Ok,M
18	Q3530-08 1.0PPB	LOQ-WATER-02-QT4-2	VN088412.D	02 Dec 2025 16:23		JC\MD	Ok,M

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 # VN120225

Review By	John Carlone	Review On	12/4/2025 10:35:47 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 12:12:37 PM		
SubDirectory	VN120225	HP Acquire Method		HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136457
Initial Calibration Stds	
CCC	VP136458,VP136459,VP136463,VP136464,VP136465,VP136466,VP136467,VP136468
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3530-08 5.0PPB	LOQ-WATER-02-QT4-2	VN088413.D	02 Dec 2025 16:44		JC\MD	Ok,M
20	VSTDCCC050	VSTDCCC050EC	VN088414.D	02 Dec 2025 17:04		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. Q3738
COC Number 2047569

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

TCL VOCs + TPH

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW4	GW		X	11/26/25		3	X									
2.	MW5	GW		X	11/26/25		3	X									
3.	Field Blank	GW		X	11/26/25		3	X									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/26/25 1442	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.6 °C
Comments: ICE

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3738 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 11/26/2025 4:09:00 PM
Project Name : ANN
Receive DateTime : 11/26/2025 2:42:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : ~~EXCEL NJCLEANUP~~
Hard Copy Date : MJ Reduced
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3738-01	MW4	Water	11/26/2025	~~12:00~~ 12:12	VOCMS Group1		8260-Low		10 Bus. Days
Q3738-02	MW5	Water	11/26/2025	~~12:00~~ 11:50	VOCMS Group1		8260-Low		10 Bus. Days
Q3738-03	Field	Water	11/26/2025	~~12:00~~ 11:30	VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 11/26/25 1635

Received By : Sam
Date / Time : 12/01/25 8:30

Storage Area : VOA Refridgerator Room

RLH 6 F27