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:	Q3716	**OrderDate:**	11/24/2025 2:47:03 PM
Client:	G Environmental	**Project:**	Adoni
Contact:	Gary Landis	**Location:**	E22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3716-01	**MW5**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/01/25	
Q3716-01DL	**MW5DL**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/02/25	
Q3716-02	**MW3**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/01/25	
Q3716-03	**MW4**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/02/25	
Q3716-04	**MW7**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/01/25	
Q3716-04DL	**MW7DL**	**Water**			**11/24/25**			**11/24/25**
			VOCMS Group1	8260-Low			12/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3716

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW5**								
Q3716-01	MW5	Water	Carbon Disulfide		12.8		0.84	4.00	ug/L
Q3716-01	MW5	Water	Cyclohexane		100		5.80	20.0	ug/L
Q3716-01	MW5	Water	2-Butanone		110		3.90	20.0	ug/L
Q3716-01	MW5	Water	Methylcyclohexane		66.5		0.64	4.00	ug/L
Q3716-01	MW5	Water	Benzene		88.9		0.60	4.00	ug/L
Q3716-01	MW5	Water	Toluene		140		0.56	4.00	ug/L
Q3716-01	MW5	Water	Ethyl Benzene		330		0.52	4.00	ug/L
Q3716-01	MW5	Water	m/p-Xylenes		1400	E	0.96	8.00	ug/L
Q3716-01	MW5	Water	o-Xylene		500		0.48	4.00	ug/L
Q3716-01	MW5	Water	Isopropylbenzene		22.9		0.48	4.00	ug/L
Q3716-01	MW5	Water	1,2,4-Trimethylbenzene		1100	E	0.56	4.00	ug/L
			Total Voc :		3870				
Q3716-01	MW5	Water	Butane, 2-methyl-	*	1300	J	0	0	ug/L
Q3716-01	MW5	Water	Butane, 2,3-dimethyl-	*	110	J	0	0	ug/L
Q3716-01	MW5	Water	Pentane, 3-methyl-	*	150	J	0	0	ug/L
Q3716-01	MW5	Water	Cyclopentane, methyl-	*	360	J	0	0	ug/L
Q3716-01	MW5	Water	Pentane, 2-methyl-	*	400	J	0	0	ug/L
Q3716-01	MW5	Water	Pentane	*	520	J	0	0	ug/L
Q3716-01	MW5	Water	Indane	*	150	J	0	0	ug/L
Q3716-01	MW5	Water	Benzene, 1-ethyl-2-methyl-	*	230	J	0	0	ug/L
Q3716-01	MW5	Water	Benzene, 1-ethyl-4-methyl-	*	130	J	0	0	ug/L
Q3716-01	MW5	Water	2-Pentene, (Z)-	*	170	J	0	0	ug/L
Q3716-01	MW5	Water	2-Pentene, (E)-	*	86.6	J	0	0	ug/L
Q3716-01	MW5	Water	Cyclopropane, 1,2-dimethyl-, c	*	330	J	0	0	ug/L
Q3716-01	MW5	Water	n-propylbenzene	*	61.7	J	0.52	4.00	ug/L
Q3716-01	MW5	Water	1,3,5-Trimethylbenzene	*	320	J	0.60	4.00	ug/L
Q3716-01	MW5	Water	sec-Butylbenzene	*	6.10	J	0.52	4.00	ug/L
Q3716-01	MW5	Water	p-Isopropyltoluene	*	4.90	J	0.52	4.00	ug/L
Q3716-01	MW5	Water	n-Butylbenzene	*	5.40	J	0.60	4.00	ug/L
			Total Tics :		4330				
			Total Concentration:		8210				
Client ID:	**MW5DL**								
Q3716-01DL	MW5DL	Water	Cyclohexane		86.4	JD	29.0	100	ug/L
Q3716-01DL	MW5DL	Water	Methylcyclohexane		44.9	D	3.20	20.0	ug/L
Q3716-01DL	MW5DL	Water	Benzene		69.5	D	3.00	20.0	ug/L
Q3716-01DL	MW5DL	Water	Toluene		110	D	2.80	20.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3716

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3716-01DL	MW5DL	Water	Ethyl Benzene		230	D	2.60	20.0	ug/L
Q3716-01DL	MW5DL	Water	m/p-Xylenes		1100	D	4.80	40.0	ug/L
Q3716-01DL	MW5DL	Water	o-Xylene		360	D	2.40	20.0	ug/L
Q3716-01DL	MW5DL	Water	Isopropylbenzene		16.7	JD	2.40	20.0	ug/L
Q3716-01DL	MW5DL	Water	1,2,4-Trimethylbenzene		790	D	2.80	20.0	ug/L
			Total Voc :		2810				
			Total Concentration:		2810				
Client ID:	**MW4**								
Q3716-03	MW4	Water	Carbon Disulfide		1.80		0.21	1.00	ug/L
Q3716-03	MW4	Water	Toluene		0.86	J	0.14	1.00	ug/L
Q3716-03	MW4	Water	Ethyl Benzene		0.25	J	0.13	1.00	ug/L
Q3716-03	MW4	Water	m/p-Xylenes		0.33	J	0.24	2.00	ug/L
Q3716-03	MW4	Water	1,2,4-Trimethylbenzene		0.33	J	0.14	1.00	ug/L
			Total Voc :		3.57				
Q3716-03	MW4	Water	Pentane, 3-methyl-	*	10.4	J	0	0	ug/L
Q3716-03	MW4	Water	Benzene, 1,2,3,4-tetramethyl-	*	5.90	J	0	0	ug/L
Q3716-03	MW4	Water	o-Cymene	*	6.30	J	0	0	ug/L
Q3716-03	MW4	Water	Pentane, 2,3-dimethyl-	*	14.9	J	0	0	ug/L
Q3716-03	MW4	Water	Pentane, 2,3,4-trimethyl-	*	36.5	J	0	0	ug/L
Q3716-03	MW4	Water	Benzene, (3-methyl-2-butenyl)-	*	13.1	J	0	0	ug/L
Q3716-03	MW4	Water	1H-Indene, 2,3-dihydro-4,7-din	*	9.70	J	0	0	ug/L
Q3716-03	MW4	Water	sec-Butylbenzene	*	0.51	J	0.13	1.00	ug/L
Q3716-03	MW4	Water	p-Isopropyltoluene	*	0.49	J	0.13	1.00	ug/L
Q3716-03	MW4	Water	n-Butylbenzene	*	0.52	J	0.15	1.00	ug/L
			Total Tics :		98.3				
			Total Concentration:		102				
Client ID:	**MW7**								
Q3716-04	MW7	Water	Cyclohexane		690		14.5	50.0	ug/L
Q3716-04	MW7	Water	Methylcyclohexane		720		1.60	10.0	ug/L
Q3716-04	MW7	Water	Benzene		2200	E	1.50	10.0	ug/L
Q3716-04	MW7	Water	Toluene		14200	E	1.40	10.0	ug/L
Q3716-04	MW7	Water	Ethyl Benzene		4800	E	1.30	10.0	ug/L
Q3716-04	MW7	Water	m/p-Xylenes		23700	E	2.40	20.0	ug/L
Q3716-04	MW7	Water	o-Xylene		9100	E	1.20	10.0	ug/L
Q3716-04	MW7	Water	Isopropylbenzene		230		1.20	10.0	ug/L
Q3716-04	MW7	Water	1,2,4-Trimethylbenzene		8500	E	1.40	10.0	ug/L
			Total Voc :		64100				

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Hit Summary Sheet
SW-846

SDG No.: Q3716

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3716-04	MW7	Water	Butane, 2-methyl-	*	1700	J	0	0	ug/L
Q3716-04	MW7	Water	Pentane, 3-methyl-	*	460	J	0	0	ug/L
Q3716-04	MW7	Water	Cyclopentane, methyl-	*	600	J	0	0	ug/L
Q3716-04	MW7	Water	Pentane, 2-methyl-	*	1000	J	0	0	ug/L
Q3716-04	MW7	Water	Benzene, 1-ethyl-2-methyl-	*	980	J	0	0	ug/L
Q3716-04	MW7	Water	Benzene, 1-ethyl-4-methyl-	*	350	J	0	0	ug/L
Q3716-04	MW7	Water	2-Pentene, (E)-	*	430	J	0	0	ug/L
Q3716-04	MW7	Water	Cyclopropane, 1,2-dimethyl-, c	*	900	J	0	0	ug/L
Q3716-04	MW7	Water	n-propylbenzene	*	910	J	1.30	10.0	ug/L
Q3716-04	MW7	Water	1,3,5-Trimethylbenzene	*	2300	J	1.50	10.0	ug/L
Q3716-04	MW7	Water	sec-Butylbenzene	*	64.3	J	1.30	10.0	ug/L
Q3716-04	MW7	Water	p-Isopropyltoluene	*	38.5	J	1.30	10.0	ug/L
Q3716-04	MW7	Water	n-Butylbenzene	*	140	J	1.50	10.0	ug/L
			Total Tics :		9870				
			Total Concentration:		74000				
Client ID:	**MW7DL**								
Q3716-04DL	MW7DL	Water	Cyclohexane		660	JD	290	1000	ug/L
Q3716-04DL	MW7DL	Water	Methylcyclohexane		390	D	32.0	200	ug/L
Q3716-04DL	MW7DL	Water	Benzene		2100	D	30.0	200	ug/L
Q3716-04DL	MW7DL	Water	Toluene		13000	D	28.0	200	ug/L
Q3716-04DL	MW7DL	Water	Ethyl Benzene		3800	D	26.0	200	ug/L
Q3716-04DL	MW7DL	Water	m/p-Xylenes		19200	D	48.0	400	ug/L
Q3716-04DL	MW7DL	Water	o-Xylene		7400	D	24.0	200	ug/L
Q3716-04DL	MW7DL	Water	Isopropylbenzene		170	JD	24.0	200	ug/L
Q3716-04DL	MW7DL	Water	1,2,4-Trimethylbenzene		6600	D	28.0	200	ug/L
			Total Voc :		53300				
			Total Concentration:		53300				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3716

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3716-01	MW5	1,2-Dichloroethane-d4	50	53.9	108		70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.0	108		70 (77)	130 (121)
Q3716-01DL	MW5DL	1,2-Dichloroethane-d4	50	62.5	125		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.5	113		70 (77)	130 (121)
Q3716-02	MW3	1,2-Dichloroethane-d4	50	61.1	122		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	50.5	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.1	112		70 (77)	130 (121)
Q3716-03	MW4	1,2-Dichloroethane-d4	50	59.3	119		70 (74)	130 (125)
		Dibromofluoromethane	50	51.8	104		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105		70 (77)	130 (121)
Q3716-04	MW7	1,2-Dichloroethane-d4	50	53.0	106		70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101		70 (75)	130 (124)
		Toluene-d8	50	50.5	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.8	120		70 (77)	130 (121)
Q3716-04DL	MW7DL	1,2-Dichloroethane-d4	50	57.0	114		70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.7	111		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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Alliance TECHNICAL GROUP
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3716 **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)	
	1,2,4-Trimethylbenzene	20	19.3	ug/L	97			70 (85)	130 (111)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3716 **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	1,4-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (107)	
	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)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3716 **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	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)
	1,2,4-Trimethylbenzene	20	19.7	ug/L	99	2		70 (85)	130 (111)	20 (20)
	1,3-Dichlorobenzene	20	19.5	ug/L	98	3		70 (82)	130 (108)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3716 **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	1,4-Dichlorobenzene	20	19.0	ug/L	95	2		70 (82)	130 (107)	20 (20)
	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.: Q3716 **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)	
	1,2,4-Trimethylbenzene	20	19.6	ug/L	98			70 (85)	130 (111)	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (108)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3716 **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	1,4-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (107)	
	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)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1201WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3716

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
MW5	Q3716-01	VN088377.D	12/01/2025
MW7	Q3716-04	VN088379.D	12/01/2025
MW3	Q3716-02	VN088381.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.: Q3716

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
MW5DL	Q3716-01DL	VN088404.D	12/02/2025
MW7DL	Q3716-04DL	VN088405.D	12/02/2025
MW4	Q3716-03	VN088406.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.: Q3716
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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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3716

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
MW5	Q3716-01	VN088377.D	12/01/2025	13:11
MW7	Q3716-04	VN088379.D	12/01/2025	13:52
MW3	Q3716-02	VN088381.D	12/01/2025	14:33

Raw Data: **VN088395.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3716
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
MW5DL	Q3716-01DL	VN088404.D	12/02/2025	12:55
MW7DL	Q3716-04DL	VN088405.D	12/02/2025	13:16
MW4	Q3716-03	VN088406.D	12/02/2025	13:36

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3716

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	183421	8.21	409344	9.08	394596	11.84
MW3	207192	8.21	481798	9.08	474127	11.84
MW7	191077	8.21	409524	9.08	398646	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.: Q3716

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	195429	13.77				
MW3	234308	13.77				
MW7	206355	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.**

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3716

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.						
MW5DL	207935	8.21	480326	9.08	472979	11.84
MW4	171507	8.21	394843	9.08	392576	11.84
MW7DL	179775	8.21	404613	9.08	399064	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3716

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.						
MW5DL	241090	13.77				
MW4	184143	13.77				
MW7DL	196778	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: **VN088377.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW5			SDG No.:	Q3716
Lab Sample ID:	Q3716-01			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	12/01/25 13:11	VN120125
74-87-3	Chloromethane	1.30	U	4	1.30	4.00	ug/L	12/01/25 13:11	VN120125
75-01-4	Vinyl Chloride	1.00	U	4	1.00	4.00	ug/L	12/01/25 13:11	VN120125
74-83-9	Bromomethane	5.80	U	4	5.80	20.0	ug/L	12/01/25 13:11	VN120125
75-00-3	Chloroethane	1.90	U	4	1.90	4.00	ug/L	12/01/25 13:11	VN120125
75-69-4	Trichlorofluoromethane	1.30	U	4	1.30	4.00	ug/L	12/01/25 13:11	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	4	1.00	4.00	ug/L	12/01/25 13:11	VN120125
75-65-0	Tert butyl alcohol	22.0	U	4	22.0	100	ug/L	12/01/25 13:11	VN120125
75-35-4	1,1-Dichloroethene	0.92	U	4	0.92	4.00	ug/L	12/01/25 13:11	VN120125
67-64-1	Acetone	6.00	U	4	6.00	20.0	ug/L	12/01/25 13:11	VN120125
75-15-0	Carbon Disulfide	12.8		4	0.84	4.00	ug/L	12/01/25 13:11	VN120125
1634-04-4	Methyl tert-butyl Ether	0.64	U	4	0.64	4.00	ug/L	12/01/25 13:11	VN120125
79-20-9	Methyl Acetate	1.10	U	4	1.10	4.00	ug/L	12/01/25 13:11	VN120125
75-09-2	Methylene Chloride	1.10	U	4	1.10	4.00	ug/L	12/01/25 13:11	VN120125
156-60-5	trans-1,2-Dichloroethene	0.92	U	4	0.92	4.00	ug/L	12/01/25 13:11	VN120125
75-34-3	1,1-Dichloroethane	0.92	U	4	0.92	4.00	ug/L	12/01/25 13:11	VN120125
110-82-7	Cyclohexane	100		4	5.80	20.0	ug/L	12/01/25 13:11	VN120125
78-93-3	2-Butanone	110		4	3.90	20.0	ug/L	12/01/25 13:11	VN120125
56-23-5	Carbon Tetrachloride	1.00	U	4	1.00	4.00	ug/L	12/01/25 13:11	VN120125
156-59-2	cis-1,2-Dichloroethene	0.76	U	4	0.76	4.00	ug/L	12/01/25 13:11	VN120125
74-97-5	Bromochloromethane	0.88	U	4	0.88	4.00	ug/L	12/01/25 13:11	VN120125
67-66-3	Chloroform	1.00	U	4	1.00	4.00	ug/L	12/01/25 13:11	VN120125
71-55-6	1,1,1-Trichloroethane	0.80	U	4	0.80	4.00	ug/L	12/01/25 13:11	VN120125
108-87-2	Methylcyclohexane	66.5		4	0.64	4.00	ug/L	12/01/25 13:11	VN120125
71-43-2	Benzene	88.9		4	0.60	4.00	ug/L	12/01/25 13:11	VN120125
107-06-2	1,2-Dichloroethane	0.88	U	4	0.88	4.00	ug/L	12/01/25 13:11	VN120125
79-01-6	Trichloroethene	0.37	U	4	0.37	4.00	ug/L	12/01/25 13:11	VN120125
78-87-5	1,2-Dichloropropane	0.80	U	4	0.80	4.00	ug/L	12/01/25 13:11	VN120125
75-27-4	Bromodichloromethane	0.88	U	4	0.88	4.00	ug/L	12/01/25 13:11	VN120125
108-10-1	4-Methyl-2-Pentanone	2.70	U	4	2.70	20.0	ug/L	12/01/25 13:11	VN120125
108-88-3	Toluene	140		4	0.56	4.00	ug/L	12/01/25 13:11	VN120125
10061-02-6	t-1,3-Dichloropropene	0.68	U	4	0.68	4.00	ug/L	12/01/25 13:11	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.64	U	4	0.64	4.00	ug/L	12/01/25 13:11	VN120125
79-00-5	1,1,2-Trichloroethane	0.84	U	4	0.84	4.00	ug/L	12/01/25 13:11	VN120125
591-78-6	2-Hexanone	3.60	U	4	3.60	20.0	ug/L	12/01/25 13:11	VN120125
124-48-1	Dibromochloromethane	0.72	U	4	0.72	4.00	ug/L	12/01/25 13:11	VN120125
106-93-4	1,2-Dibromoethane	0.60	U	4	0.60	4.00	ug/L	12/01/25 13:11	VN120125
127-18-4	Tetrachloroethene	0.92	U	4	0.92	4.00	ug/L	12/01/25 13:11	VN120125
108-90-7	Chlorobenzene	0.48	U	4	0.48	4.00	ug/L	12/01/25 13:11	VN120125
100-41-4	Ethyl Benzene	330		4	0.52	4.00	ug/L	12/01/25 13:11	VN120125
179601-23-1	m/p-Xylenes	1400	E	4	0.96	8.00	ug/L	12/01/25 13:11	VN120125
95-47-6	o-Xylene	500		4	0.48	4.00	ug/L	12/01/25 13:11	VN120125
100-42-5	Styrene	0.60	U	4	0.60	4.00	ug/L	12/01/25 13:11	VN120125

Raw Data: **VN088377.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:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW5	SDG No.:	Q3716
Lab Sample ID:	Q3716-01	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	12/01/25 13:11	VN120125
98-82-8	Isopropylbenzene	22.9		4	0.48	4.00	ug/L	12/01/25 13:11	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	4	1.00	4.00	ug/L	12/01/25 13:11	VN120125
95-63-6	1,2,4-Trimethylbenzene	1100	E	4	0.56	4.00	ug/L	12/01/25 13:11	VN120125
541-73-1	1,3-Dichlorobenzene	0.64	U	4	0.64	4.00	ug/L	12/01/25 13:11	VN120125
106-46-7	1,4-Dichlorobenzene	0.76	U	4	0.76	4.00	ug/L	12/01/25 13:11	VN120125
95-50-1	1,2-Dichlorobenzene	0.64	U	4	0.64	4.00	ug/L	12/01/25 13:11	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	4	2.10	4.00	ug/L	12/01/25 13:11	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.80	U	4	0.80	4.00	ug/L	12/01/25 13:11	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.80	U	4	0.80	4.00	ug/L	12/01/25 13:11	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.9			70 (74) - 130 (125)	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.0			70 (77) - 130 (121)	108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	183000							
540-36-3	1,4-Difluorobenzene	409000							
3114-55-4	Chlorobenzene-d5	395000							
3855-82-1	1,4-Dichlorobenzene-d4	195000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-78-4	Butane, 2-methyl-	1300	J			3.27	ug/L		
000109-66-0	Pentane	520	J			3.66	ug/L		
000627-20-3	2-Pentene, (Z)-	170	J			3.87	ug/L		
000646-04-8	2-Pentene, (E)-	86.6	J			4.05	ug/L		
000930-18-7	Cyclopropane, 1,2-dimethyl-, cis-	330	J			4.15	ug/L		
000079-29-8	Butane, 2,3-dimethyl-	110	J			5.27	ug/L		
000107-83-5	Pentane, 2-methyl-	400	J			5.34	ug/L		
000096-14-0	Pentane, 3-methyl-	150	J			5.80	ug/L		
000096-37-7	Cyclopentane, methyl-	360	J			7.31	ug/L		
103-65-1	n-propylbenzene	61.7	J			13.0	ug/L		
000611-14-3	Benzene, 1-ethyl-2-methyl-	230	J			13.1	ug/L		
108-67-8	1,3,5-Trimethylbenzene	320	J			13.1	ug/L		
000622-96-8	Benzene, 1-ethyl-4-methyl-	130	J			13.3	ug/L		
135-98-8	sec-Butylbenzene	6.10	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	4.90	J			13.7	ug/L		
000496-11-7	Indane	150	J			14.0	ug/L		
104-51-8	n-Butylbenzene	5.40	J			14.0	ug/L		

Raw Data: **VN088377.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW5			SDG No.:	Q3716
Lab Sample ID:	Q3716-01			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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 02 00:12:50 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	183421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	409344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	394596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186169	53.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.147	113	143586	50.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.547	98	534292	50.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.829	95	195668	54.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.060%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.718	76	23479	3.211	ug/l #	91
25) 2-Butanone	7.477	43	54284	27.022	ug/l	97
31) Cyclohexane	8.241	56	116339	25.601	ug/l #	90
39) Methylcyclohexane	9.576	83	77832	16.621	ug/l	91
40) Benzene	8.588	78	285591	22.226	ug/l	100
52) Toluene	10.606	92	256896	34.624	ug/l	99
67) Ethyl Benzene	11.941	91	1259704	81.316	ug/l	98
68) m/p-Xylenes	12.047	106	2082018	362.488	ug/l	99
69) o-Xylene	12.376	106	686034	125.284	ug/l	100
73) Isopropylbenzene	12.670	105	82688	5.722	ug/l	100
78) n-propylbenzene	13.012	91	272873	15.436	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	969130	80.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	3325259	279.403	ug/l	99
85) sec-Butylbenzene	13.588	105	22420m	1.533	ug/l	
86) p-Isopropyltoluene	13.706	119	14583	1.216	ug/l #	72
89) n-Butylbenzene	14.023	91	15672m	1.346	ug/l	

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

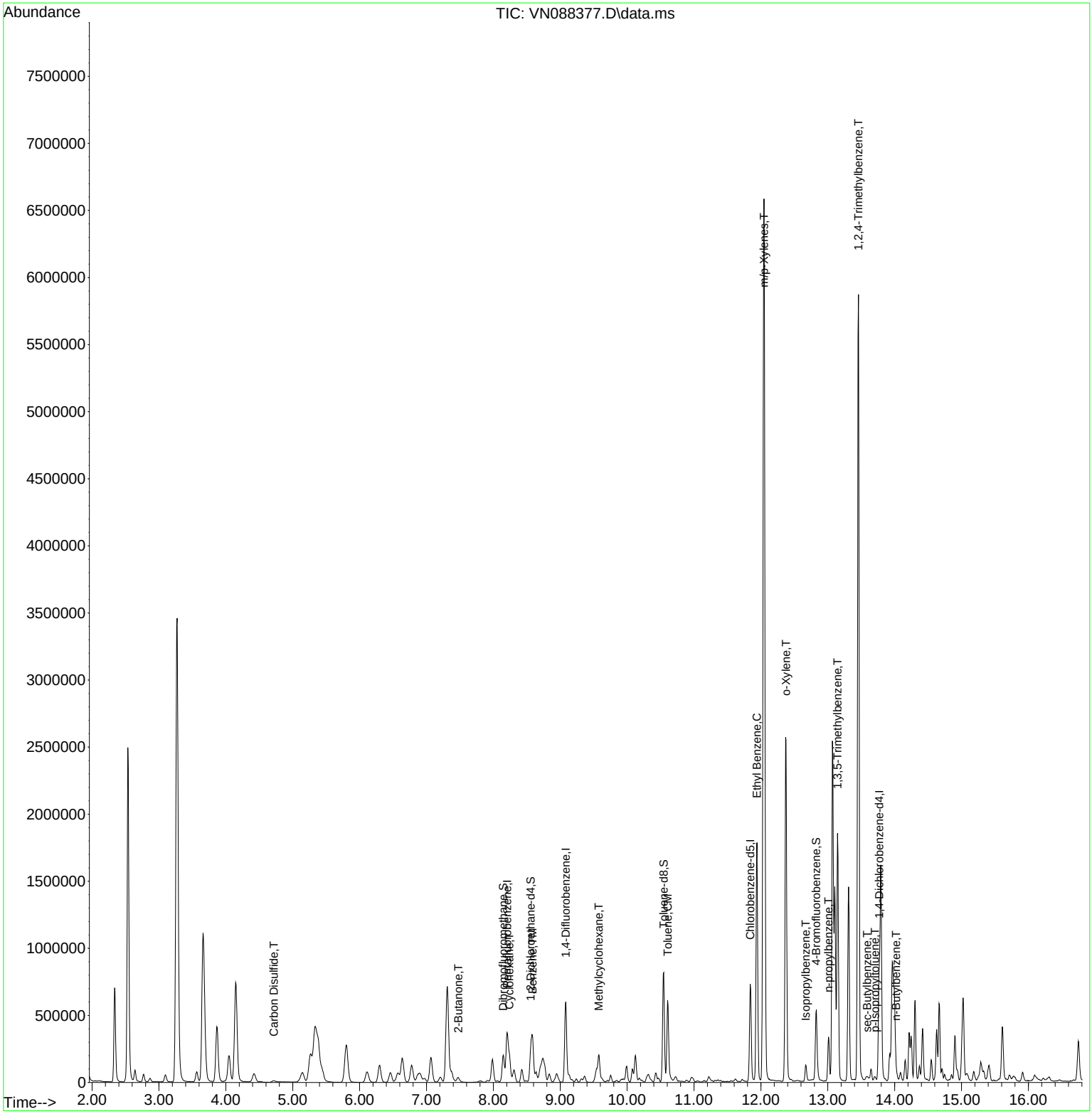
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

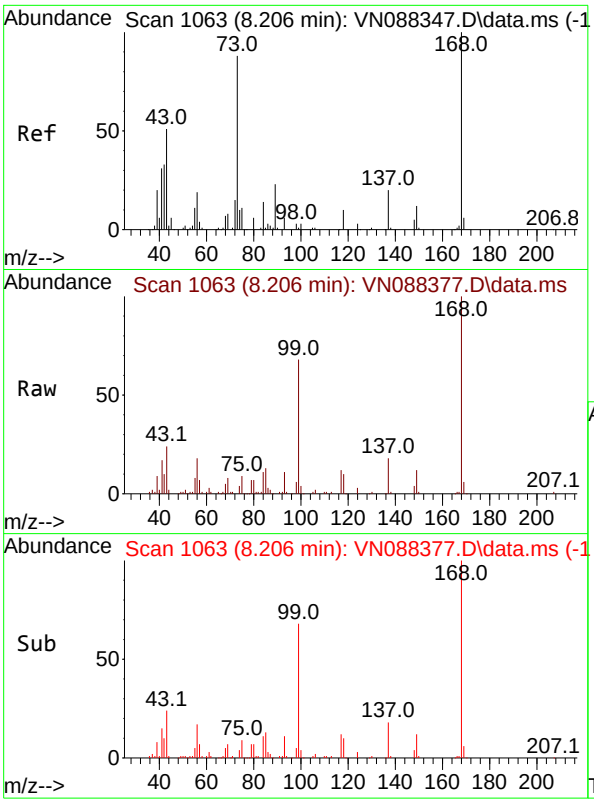
Quant Time: Dec 02 00:12:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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: VN088377.D
Acq: 01 Dec 2025 13:11

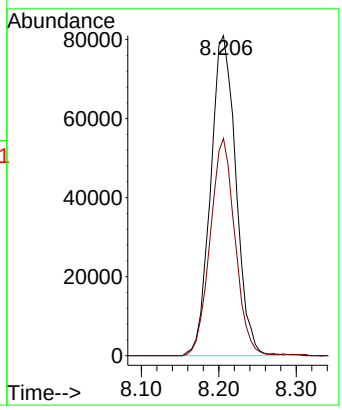
Tgt Ion:168 Resp: 18342

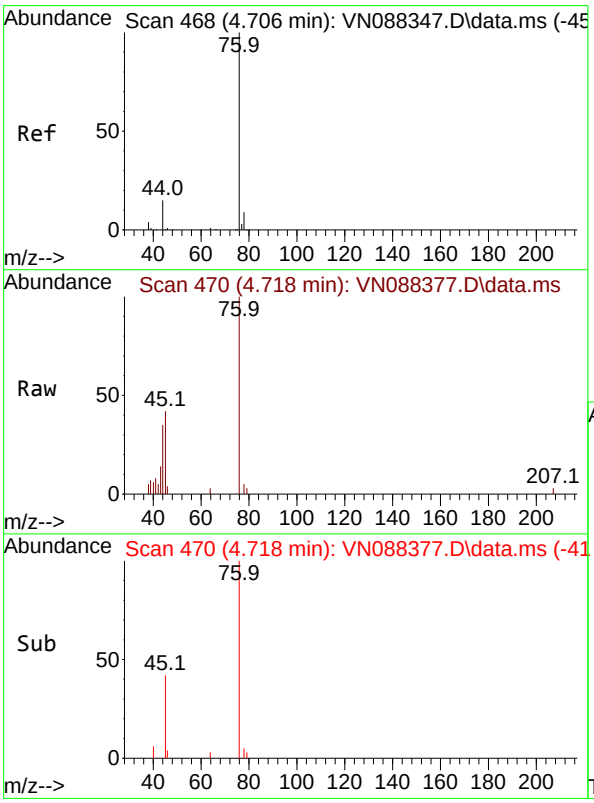
Ion	Ratio	Lower	Upper
168	100		
99	67.9	57.1	85.7

Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations
APPROVED

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

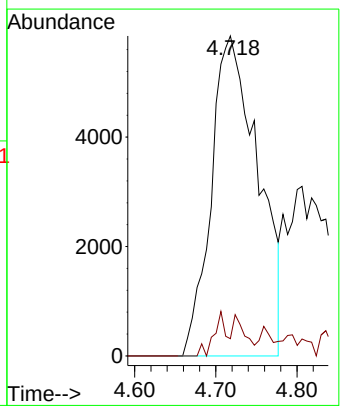


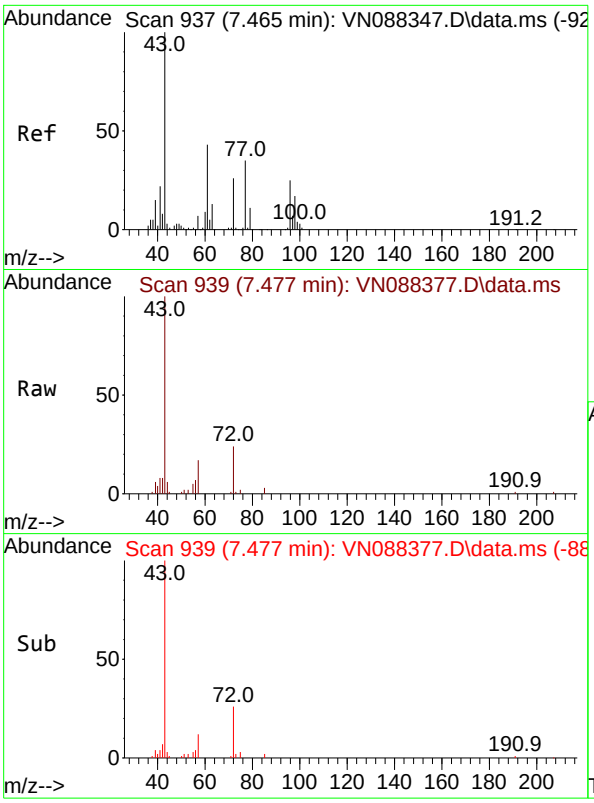


#17
Carbon Disulfide
Concen: 3.211 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 76 Resp: 23479

Ion	Ratio	Lower	Upper
76	100		
78	5.4	7.0	10.4#





#25
2-Butanone
Concen: 27.022 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

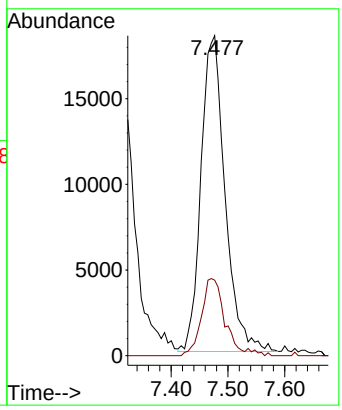
Tgt Ion: 43 Resp: 5428

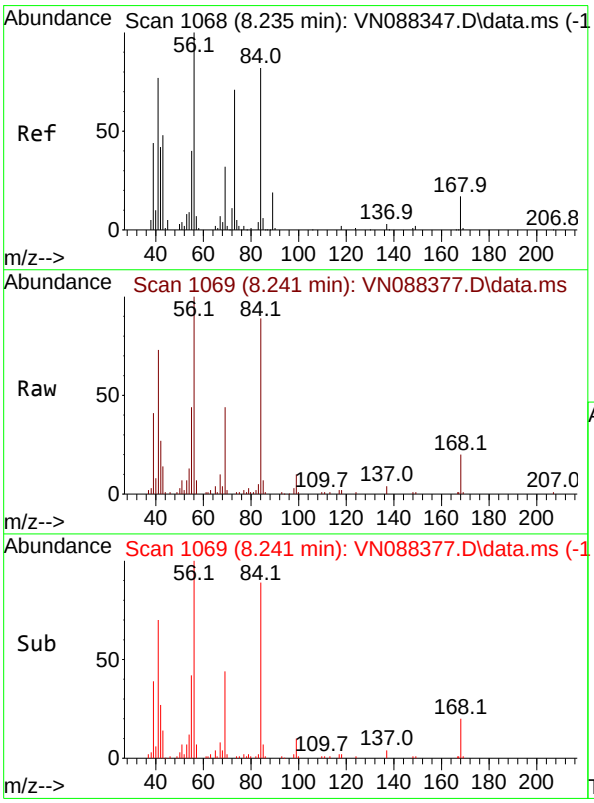
Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.5	30.7

Instrument :
MSVOA_N
ClientSampleId :
MW5

Manual Integrations
APPROVED

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

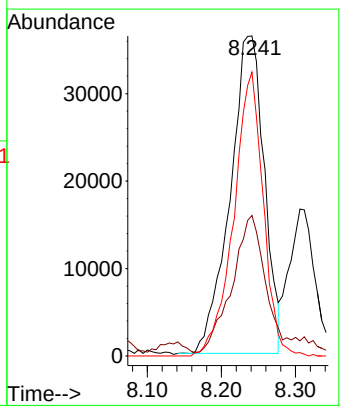


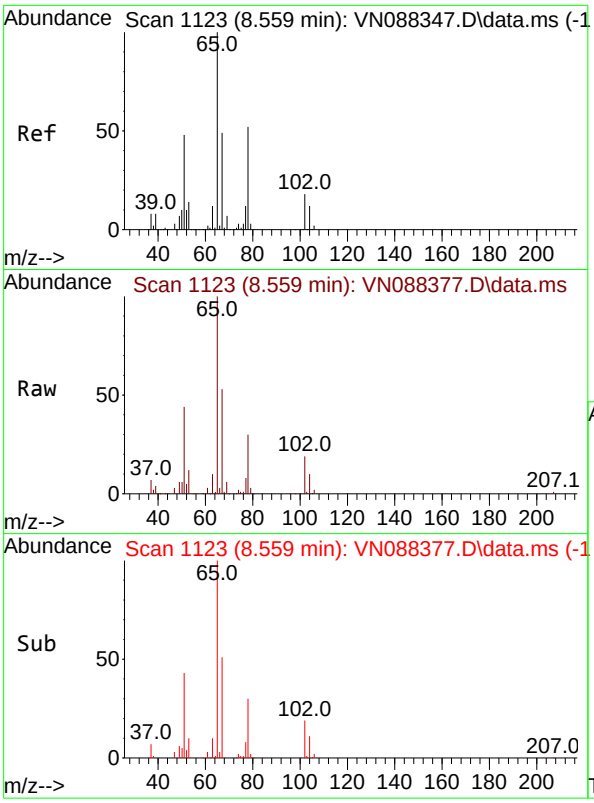


#31
Cyclohexane
Concen: 25.601 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 56 Resp: 116339

Ion	Ratio	Lower	Upper
56	100		
69	39.8	25.3	37.9#
84	89.4	65.4	98.2





#33
1,2-Dichloroethane-d4
Concen: 53.880 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 65 Resp: 18616

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.8

Instrument :
MSVOA_N
ClientSampleId :
MW5

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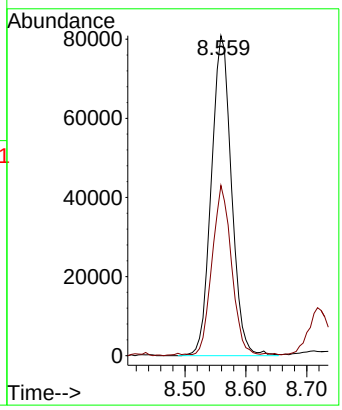
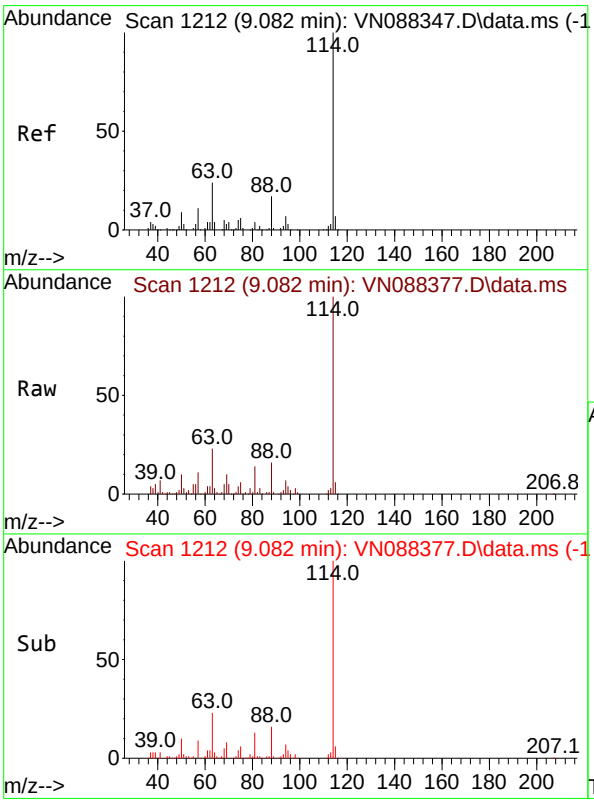
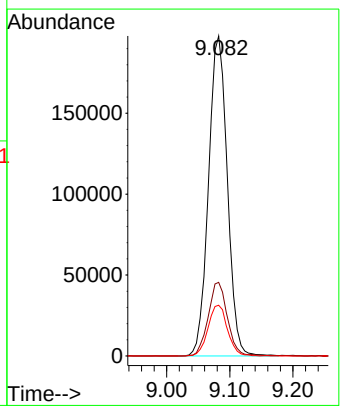


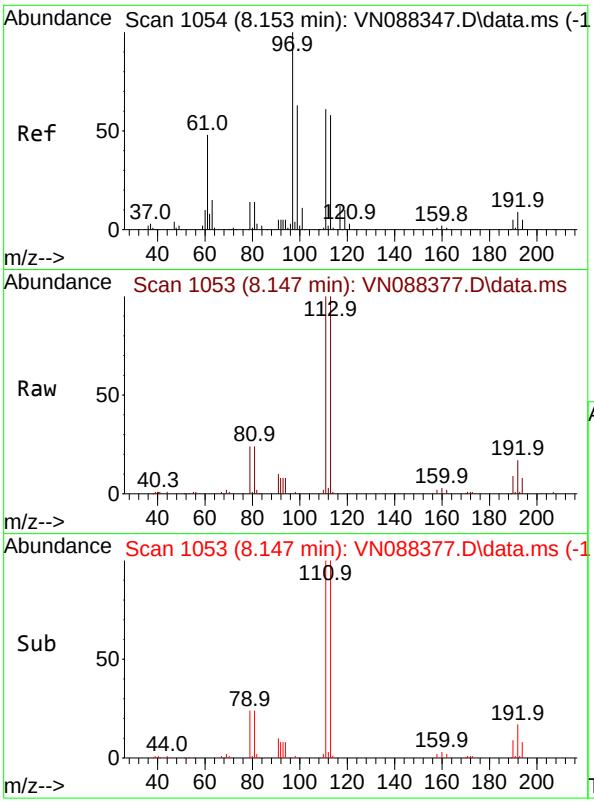


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:114 Resp: 409344

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.0
88	15.8	0.0	34.0

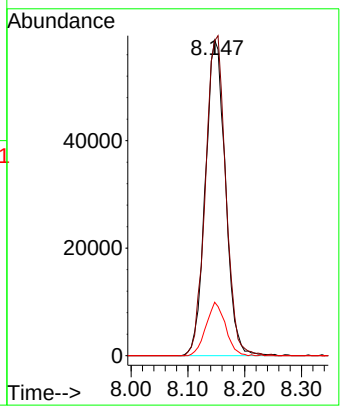




#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:113 Resp: 14358

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.5	123.7
192	16.5	12.8	19.2



Instrument :
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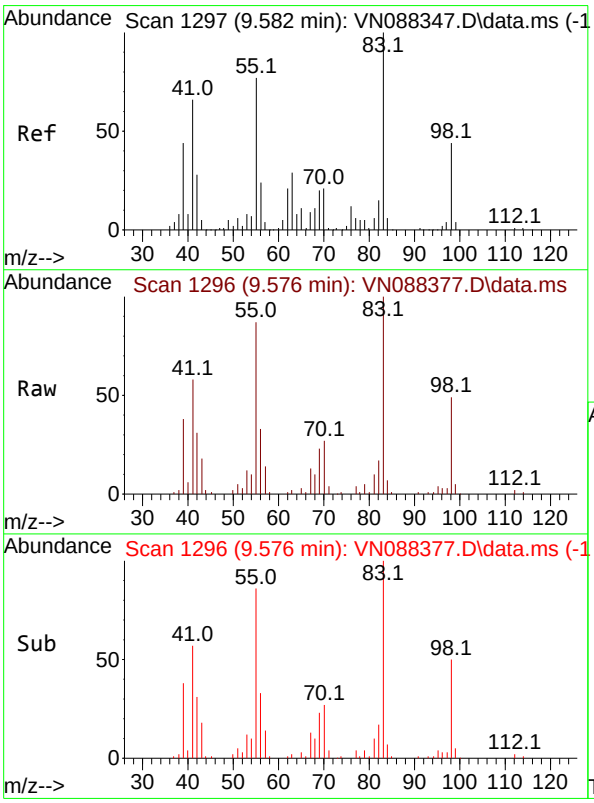
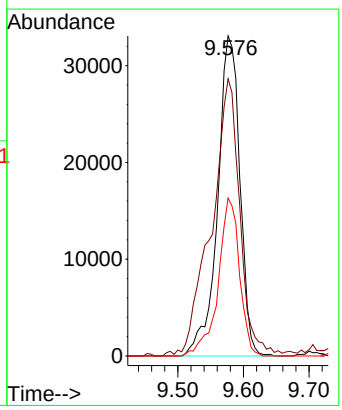
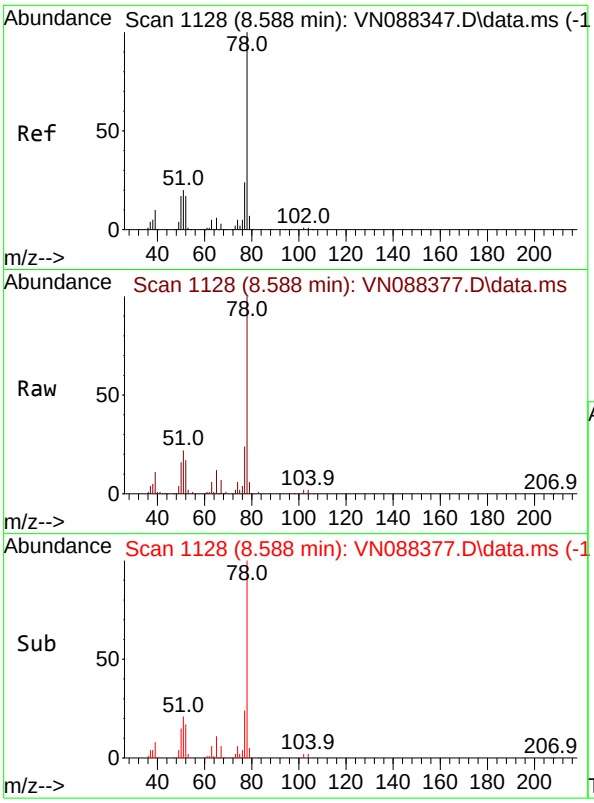


#39
Methylcyclohexane
Concen: 16.621 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 83 Resp: 77832

Ion	Ratio	Lower	Upper
83	100		
55	84.9	61.6	92.4
98	49.3	35.3	52.9





#40
Benzene
Concen: 22.226 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 78 Resp: 28559

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4

Instrument :
MSVOA_N
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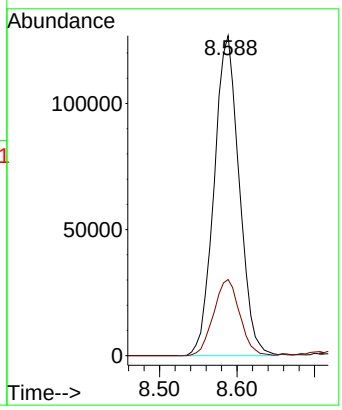
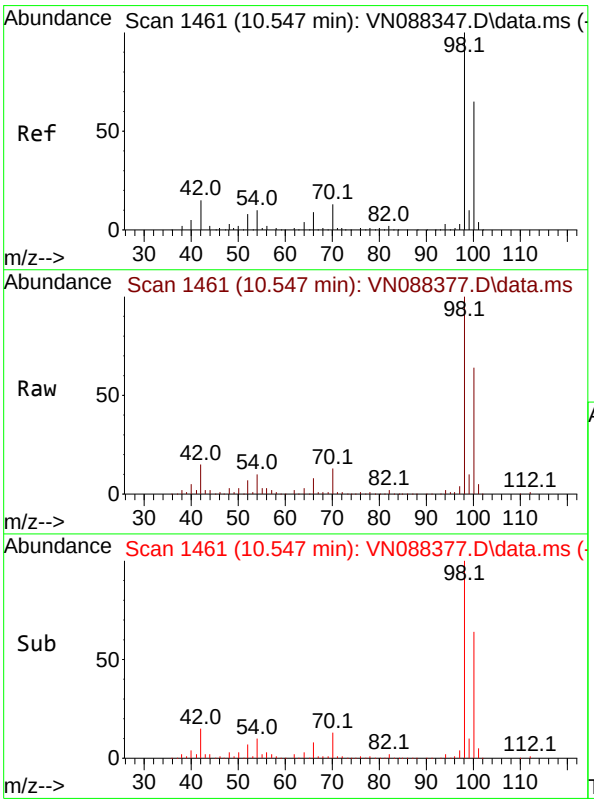
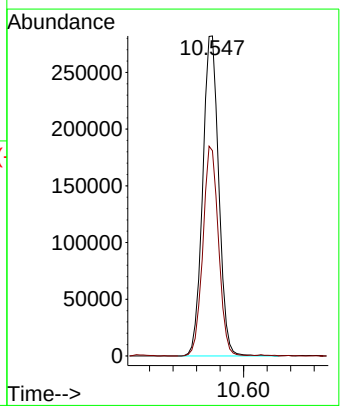


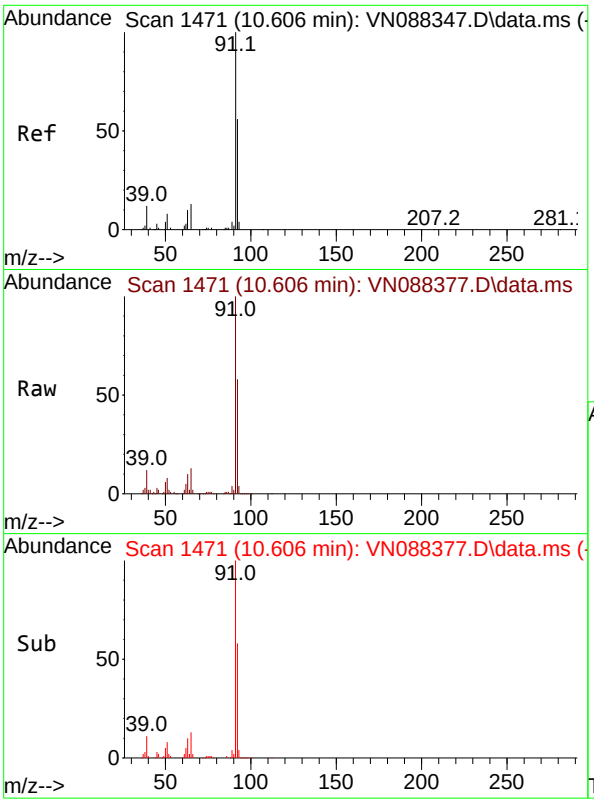


#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 98 Resp: 534292

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.2	78.2

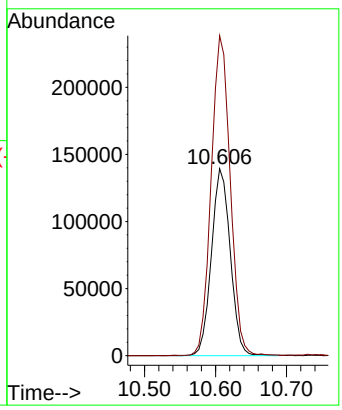




#52
Toluene
Concen: 34.624 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 92 Resp: 25689

Ion	Ratio	Lower	Upper
92	100		
91	173.4	140.2	210.2



Instrument :
MSVOA_N
ClientSampleId :
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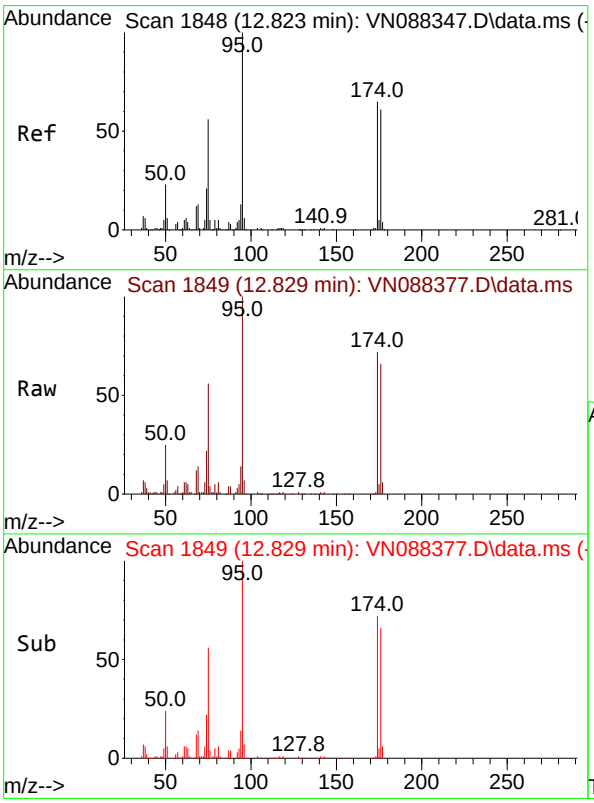
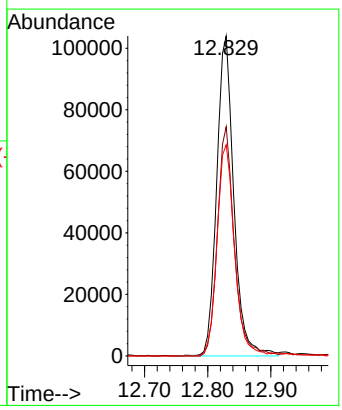
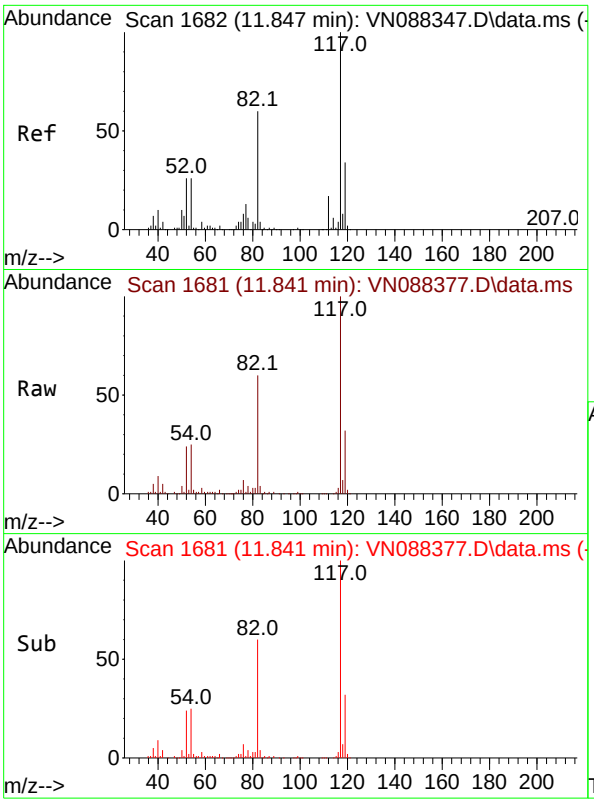


#62
4-Bromofluorobenzene
Concen: 54.029 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 95 Resp: 195668

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	139.0
176	67.2	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: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:117 Resp: 39459

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.8
119	32.0	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW5

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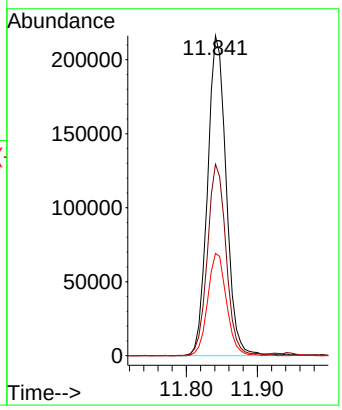
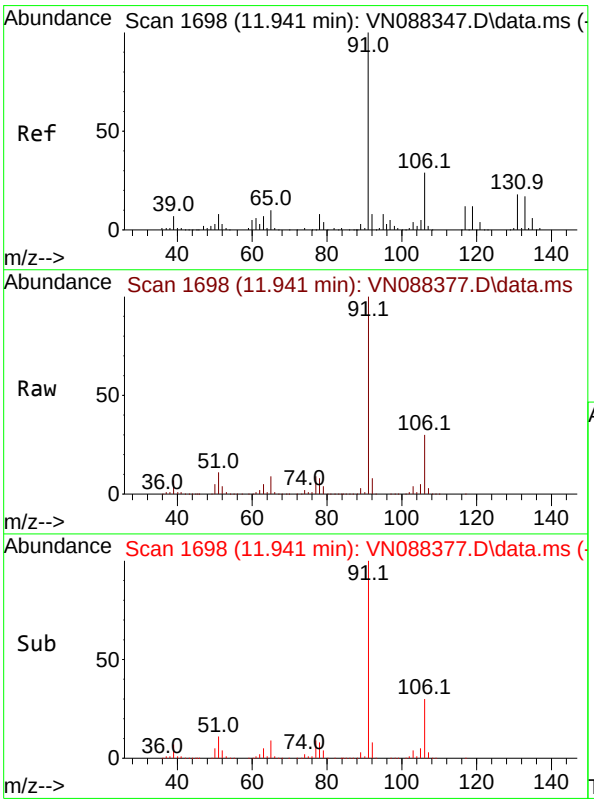
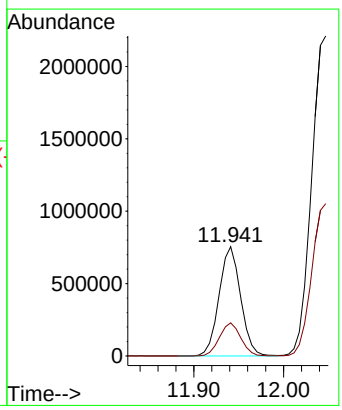


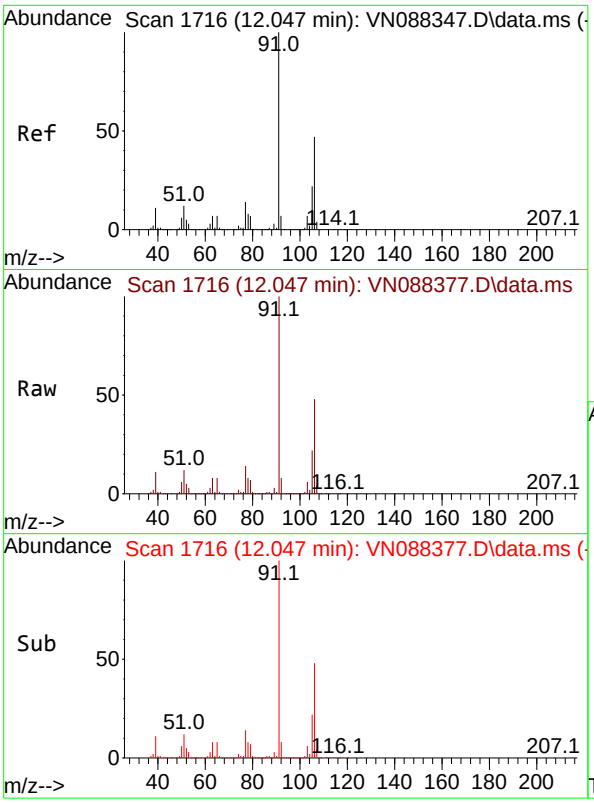


#67
Ethyl Benzene
Concen: 81.316 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 91 Resp: 1259704

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.6	35.4

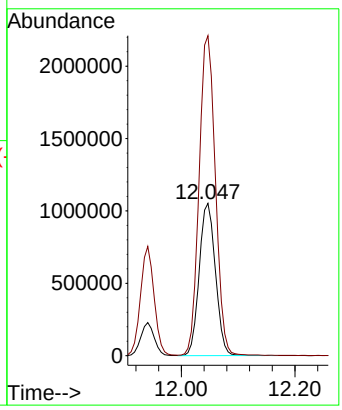




#68
m/p-Xylenes
Concen: 362.488 ug/l
RT: 12.047 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:106 Resp: 208201

Ion	Ratio	Lower	Upper
106	100		
91	210.9	167.8	251.6



Instrument :
MSVOA_N
ClientSampleId :
MW5

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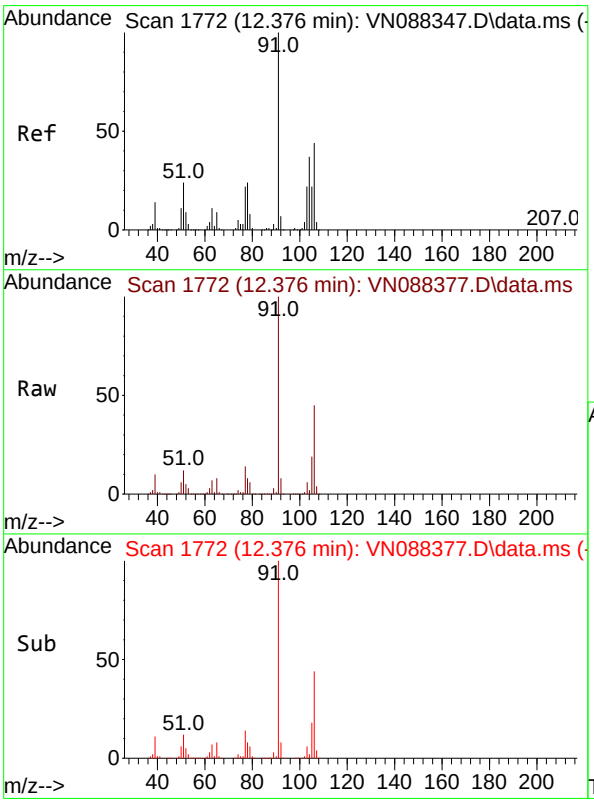
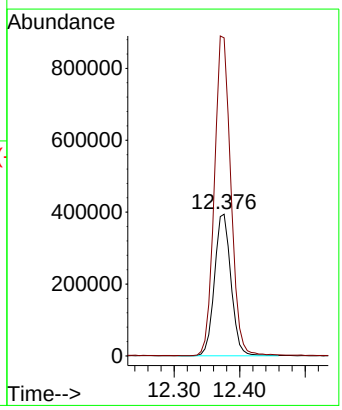
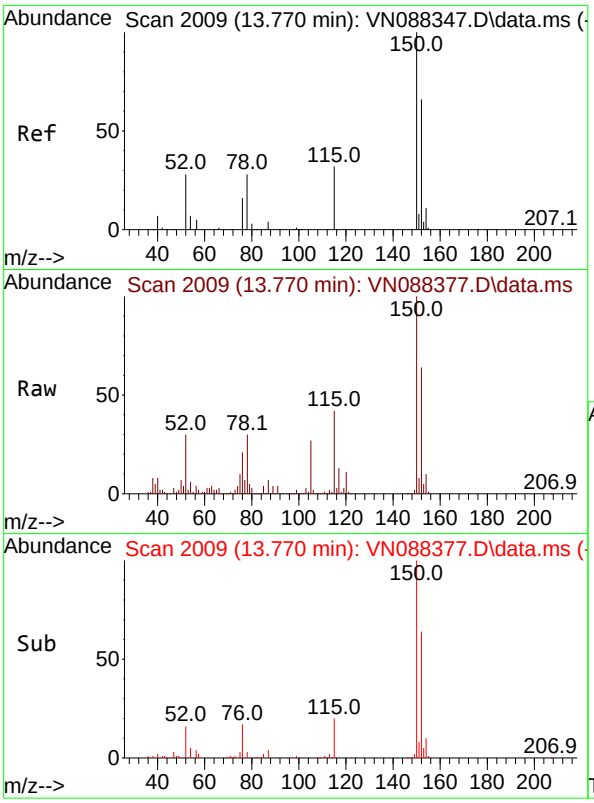


#69
o-Xylene
Concen: 125.284 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:106 Resp: 686034

Ion	Ratio	Lower	Upper
106	100		
91	226.0	112.9	338.7

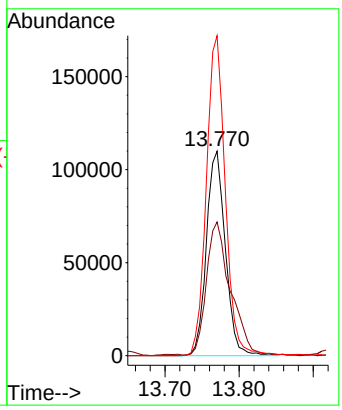




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:152 Resp: 19542

Ion	Ratio	Lower	Upper
152	100		
115	82.2	33.0	98.9
150	156.0	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
MW5

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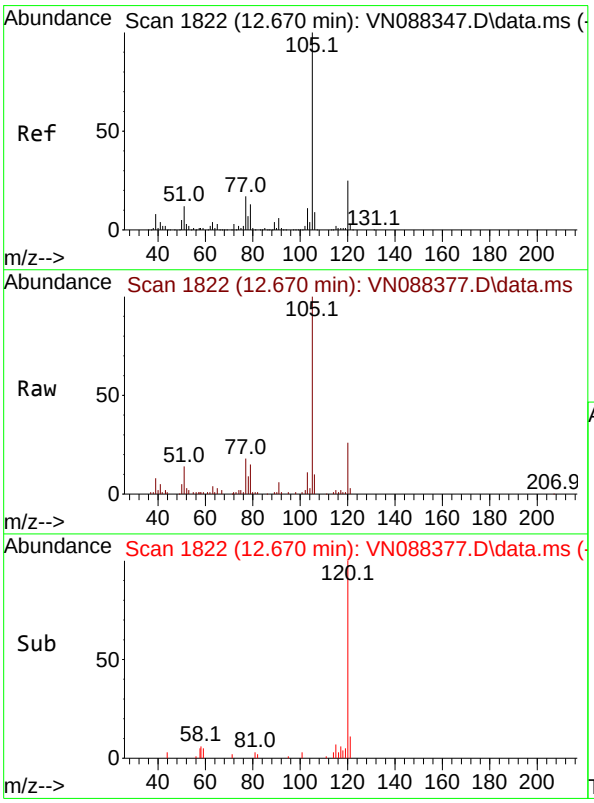
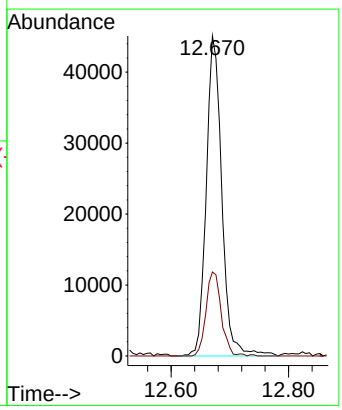
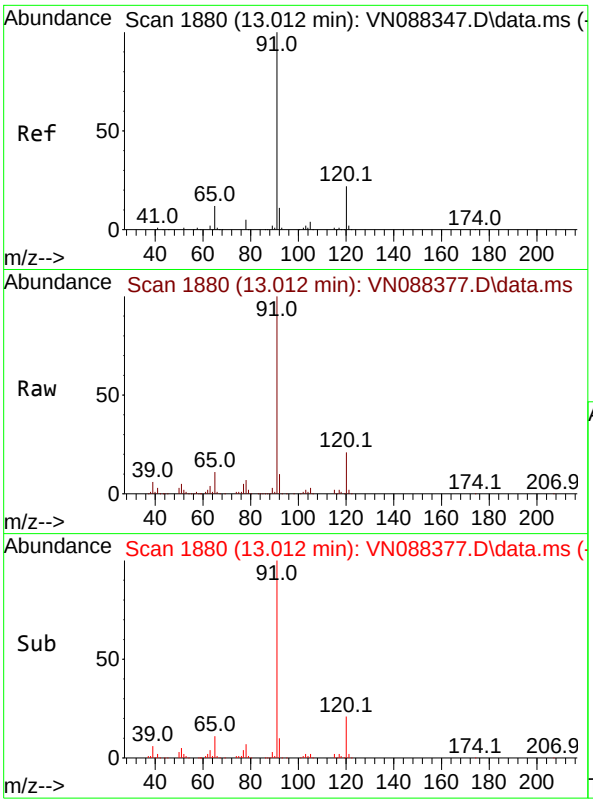


#73
Isopropylbenzene
Concen: 5.722 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:105 Resp: 82688

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

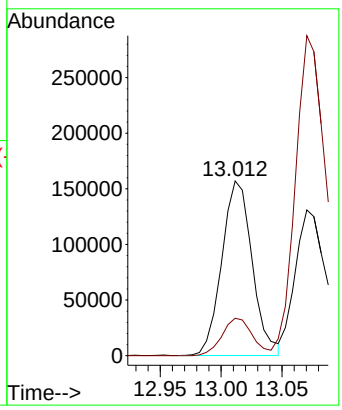




#78
n-propylbenzene
Concen: 15.436 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 91 Resp: 27287

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6



Instrument :
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ClientSampleId :
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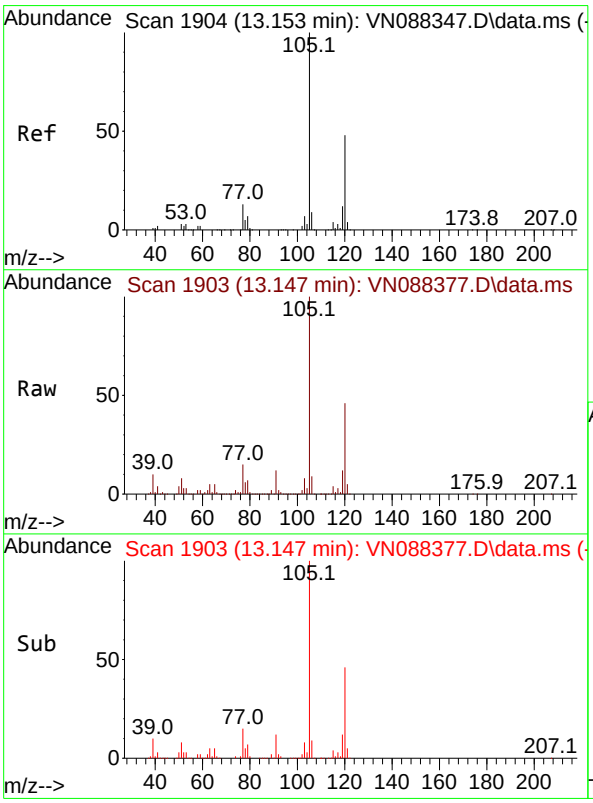
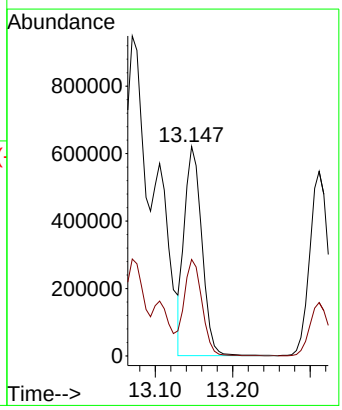
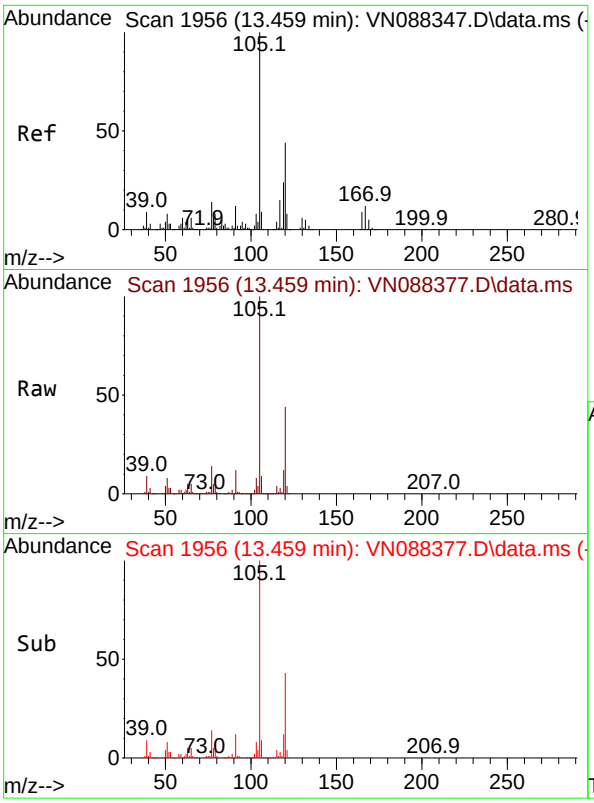


#80
1,3,5-Trimethylbenzene
Concen: 80.939 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:105 Resp: 969130

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.8	71.5





#84
1,2,4-Trimethylbenzene
Concen: 279.403 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:105 Resp: 332525

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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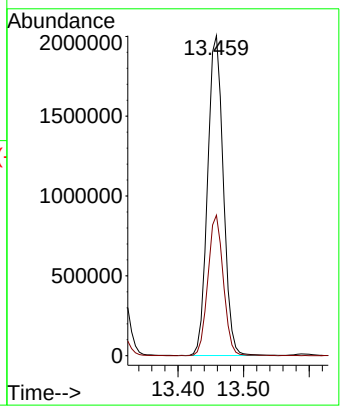
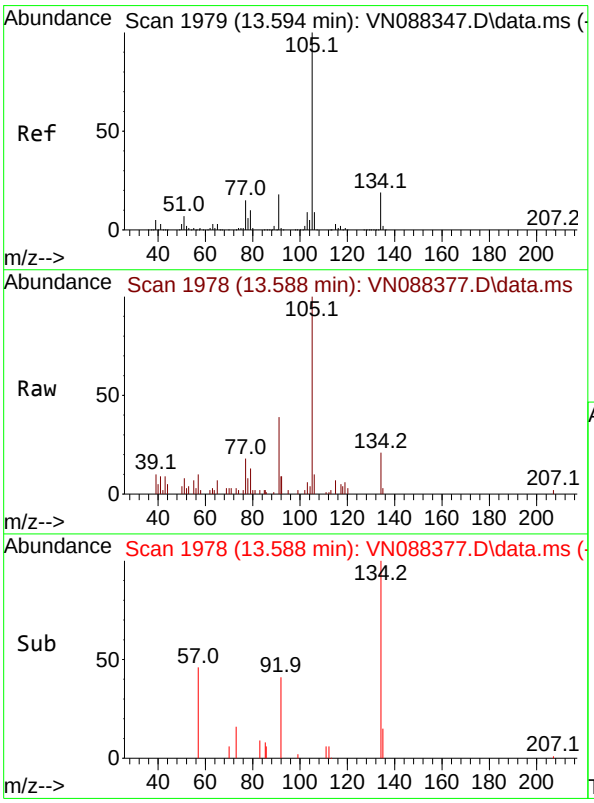
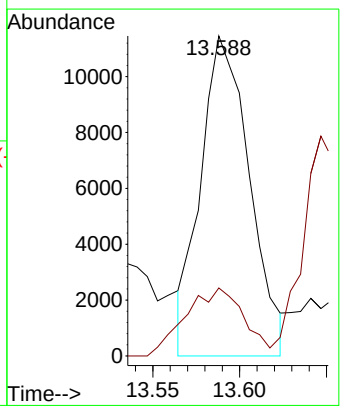


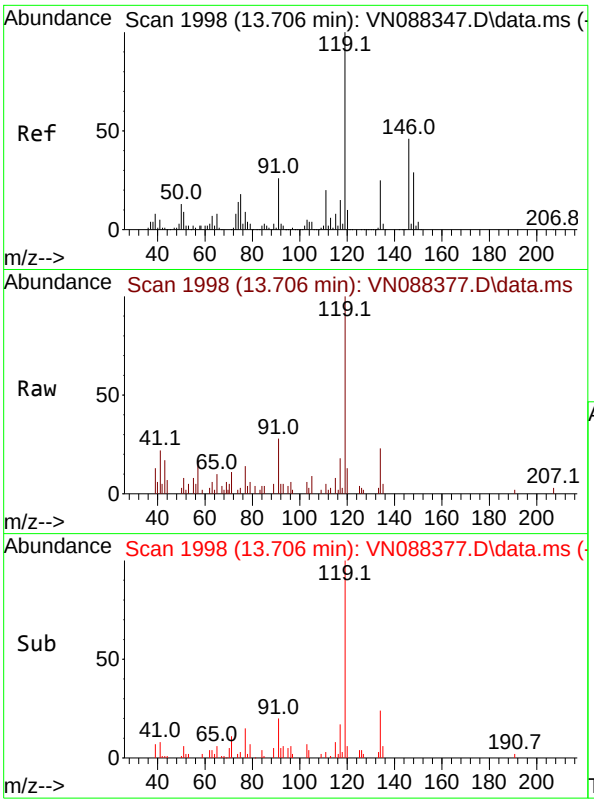


#85
sec-Butylbenzene
Concen: 1.533 ug/l m
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:105 Resp: 22420

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

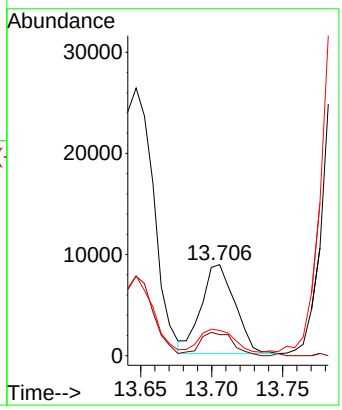




#86
p-Isopropyltoluene
Concen: 1.216 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:119 Resp: 1458

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.2	36.6
91	0.0	13.0	39.0#



Instrument :
MSVOA_N
ClientSampleId :
MW5

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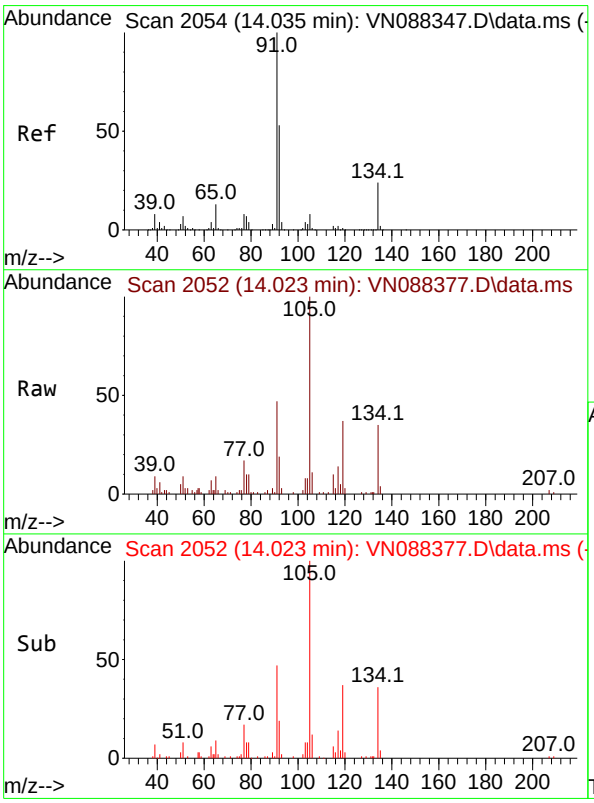
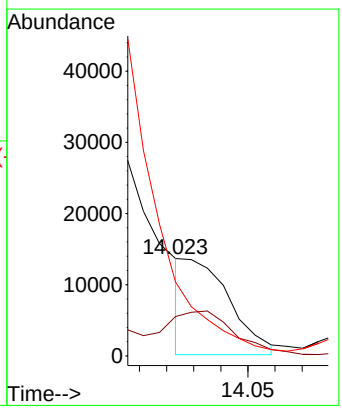
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#89
n-Butylbenzene
Concen: 1.346 ug/l m
RT: 14.023 min Scan# 2052
Delta R.T. -0.012 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 91 Resp: 15672

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



LSC Area Percent Report

Sample Results: **VN088377.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 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: VN088377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.336	57	65	78	rBV	699923	1272517	9.75%	1.219%
2	2.536	88	99	111	rBV	2491431	4521402	34.66%	4.332%
3	2.642	112	117	131	rVV2	86660	172219	1.32%	0.165%
4	3.271	212	224	250	rBV	3455343	8471723	64.94%	8.117%
5	3.565	265	274	280	rBV3	73700	173592	1.33%	0.166%
6	3.659	280	290	316	rVV3	1107676	3324904	25.49%	3.186%
7	3.865	316	325	340	rVV	408618	1068253	8.19%	1.024%
8	4.047	342	356	364	rVV2	192722	555062	4.25%	0.532%
9	4.147	364	373	393	rVB	736400	2108888	16.17%	2.021%
10	4.418	407	419	431	rBV3	59777	198609	1.52%	0.190%
11	5.147	523	543	551	rBV5	71561	282990	2.17%	0.271%
12	5.271	551	564	567	rVV4	209301	695829	5.33%	0.667%
13	5.336	568	575	609	rVB6	413209	2587517	19.84%	2.479%
14	5.800	638	654	672	rBV3	277899	982468	7.53%	0.941%
15	6.112	694	707	725	rVB4	77605	275509	2.11%	0.264%
16	6.300	725	739	753	rBV3	127910	396067	3.04%	0.379%
17	6.459	755	766	775	rBV2	72367	222541	1.71%	0.213%
18	6.571	775	785	789	rBV4	62478	182106	1.40%	0.174%
19	6.635	789	796	809	rVB	178641	554833	4.25%	0.532%
20	6.777	809	820	829	rBV3	125529	383710	2.94%	0.368%
21	6.894	829	840	848	rBV6	51926	208372	1.60%	0.200%
22	7.065	860	869	882	rVB3	182859	522770	4.01%	0.501%
23	7.312	900	911	931	rVV	712175	2285881	17.52%	2.190%
24	7.988	1017	1026	1035	rVB	164819	387037	2.97%	0.371%
25	8.147	1043	1053	1057	rBV	199369	471840	3.62%	0.452%
26	8.206	1057	1063	1075	rVV3	365395	1282460	9.83%	1.229%
27	8.306	1075	1080	1092	rVB3	91232	234884	1.80%	0.225%
28	8.424	1092	1100	1107	rBV2	93911	220356	1.69%	0.211%
29	8.577	1115	1126	1134	rBV4	349403	1169714	8.97%	1.121%
30	8.741	1141	1154	1165	rVB5	159688	732221	5.61%	0.702%
31	8.835	1165	1170	1178	rVB2	59382	137174	1.05%	0.131%
32	8.947	1178	1189	1201	rVB5	62138	192516	1.48%	0.184%
33	9.082	1202	1212	1226	rBV2	598260	1413803	10.84%	1.355%
34	9.576	1277	1296	1312	rBV6	205407	740434	5.68%	0.709%
35	9.994	1361	1367	1375	rVB	118158	250171	1.92%	0.240%
36	10.076	1375	1381	1384	rBV2	97304	173868	1.33%	0.167%

Sample Results: **VN088377.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 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	10.123	1384	1389	1395	rVB3	182233	364690	2.80%	0.349%
38	10.318	1412	1422	1434	rBV4	57555	202516	1.55%	0.194%
39	10.429	1434	1441	1445	rBV2	65305	131969	1.01%	0.126%
40	10.547	1453	1461	1466	rBV	813502	1544695	11.84%	1.480%
41	10.606	1466	1471	1484	rVV	605810	1214579	9.31%	1.164%
42	11.841	1674	1681	1690	rBV	725784	1339111	10.27%	1.283%
43	11.941	1690	1698	1707	rVV	1777335	3006222	23.04%	2.880%
44	12.047	1707	1716	1734	rVB	6570649	13045049	100.00%	12.499%
45	12.370	1761	1771	1783	rBV	2564292	4487044	34.40%	4.299%
46	12.670	1816	1822	1828	rBV	121125	219648	1.68%	0.210%
47	12.829	1841	1849	1868	rVB	533854	1055254	8.09%	1.011%
48	13.012	1873	1880	1884	rBV	328271	555918	4.26%	0.533%
49	13.070	1884	1890	1894	rVV	2531440	4489003	34.41%	4.301%
50	13.106	1894	1896	1899	rVV	1445904	1889129	14.48%	1.810%
51	13.147	1899	1903	1915	rVB	1841474	3076402	23.58%	2.948%
52	13.312	1923	1931	1940	rBV	1446189	2459096	18.85%	2.356%
53	13.459	1948	1956	1970	rBV	5855116	9693425	74.31%	9.288%
54	13.794	2002	2013	2023	rBV2	1598895	3863240	29.61%	3.702%
55	13.929	2029	2036	2037	rBV	202736	300600	2.30%	0.288%
56	13.964	2037	2042	2058	rVV3	887261	2972183	22.78%	2.848%
57	14.159	2069	2075	2080	rBV	152017	251353	1.93%	0.241%
58	14.217	2080	2085	2088	rVV2	355350	620264	4.75%	0.594%
59	14.247	2088	2090	2095	rVV	327563	456685	3.50%	0.438%
60	14.306	2095	2100	2106	rVV	592278	968601	7.43%	0.928%
61	14.370	2106	2111	2114	rVV2	103531	167044	1.28%	0.160%
62	14.417	2114	2119	2129	rVB2	381377	666922	5.11%	0.639%
63	14.547	2136	2141	2147	rBV	154502	259809	1.99%	0.249%
64	14.629	2147	2155	2158	rVV	380780	660938	5.07%	0.633%
65	14.664	2158	2161	2166	rVV	573518	917516	7.03%	0.879%
66	14.900	2196	2201	2213	rVB2	333093	697159	5.34%	0.668%
67	15.023	2213	2222	2228	rBV2	613893	1361898	10.44%	1.305%
68	15.076	2228	2231	2242	rVB3	53943	133502	1.02%	0.128%
69	15.182	2242	2249	2256	rBV3	68945	140372	1.08%	0.134%
70	15.288	2256	2267	2272	rBV4	136875	357475	2.74%	0.343%
71	15.411	2280	2288	2295	rVB3	112952	270874	2.08%	0.260%
72	15.611	2315	2322	2330	rVB	390358	760845	5.83%	0.729%
73	15.911	2367	2373	2383	rBV2	66296	135585	1.04%	0.130%
74	16.094	2396	2404	2418	rBV4	41477	135952	1.04%	0.130%
75	16.747	2507	2515	2521	rBV	291418	641966	4.92%	0.615%

Sample Results: **VN088377.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 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

Sum of corrected areas: 104368773

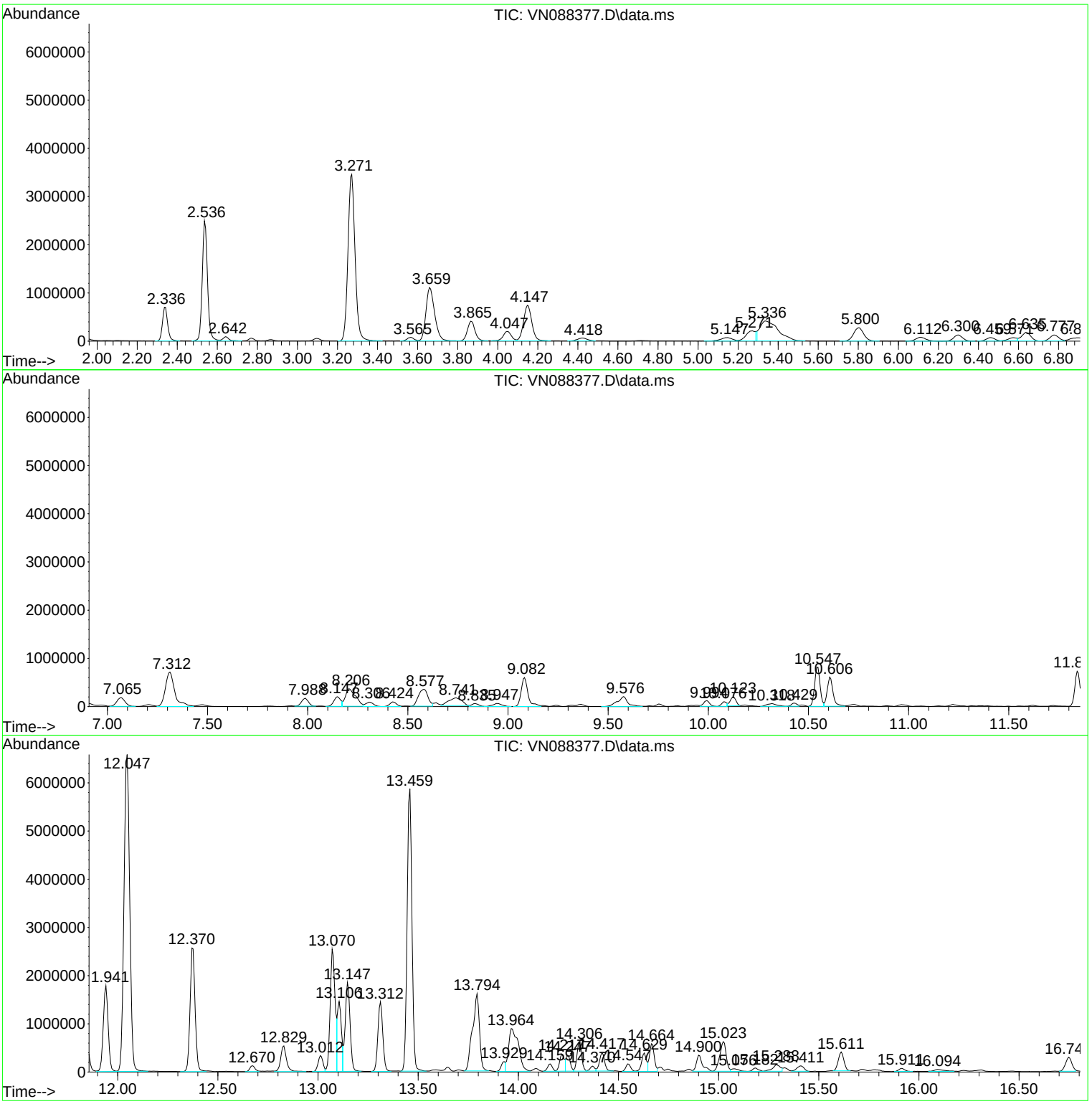
Sample Results: **VN088377.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 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 : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

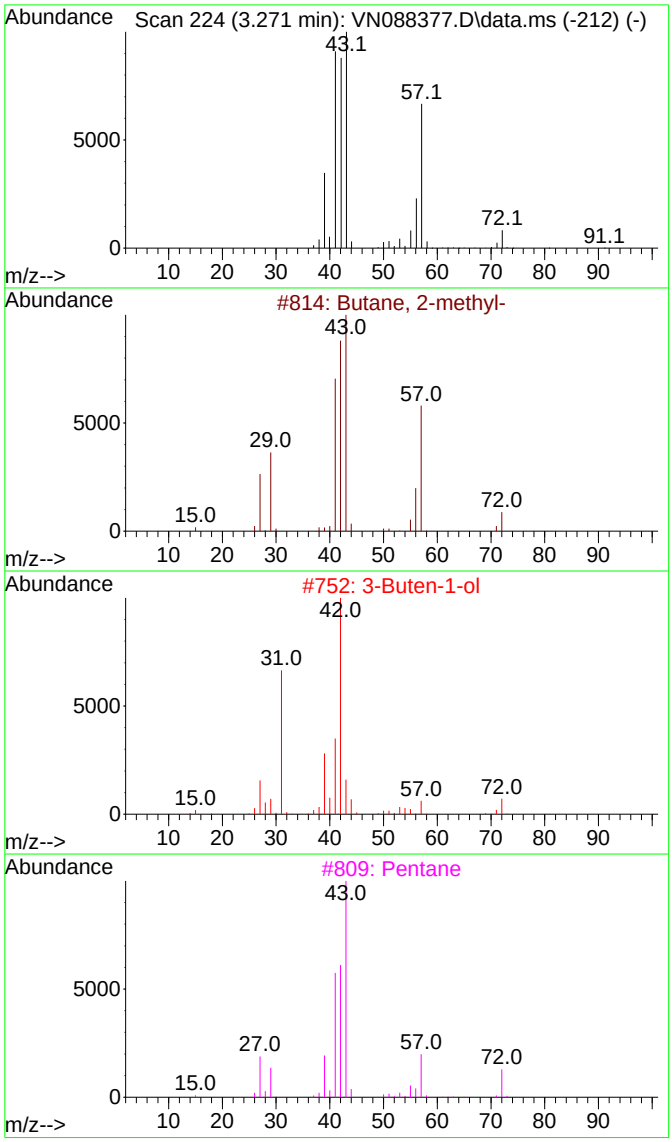
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

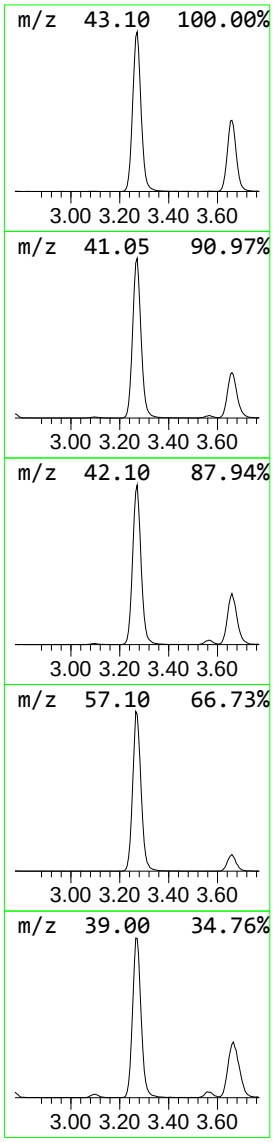
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.271	330.29 ug/l	8471720	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	1-Butene	56	C4H8	000106-98-9	9
5	Azetidine	57	C3H7N	000503-29-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

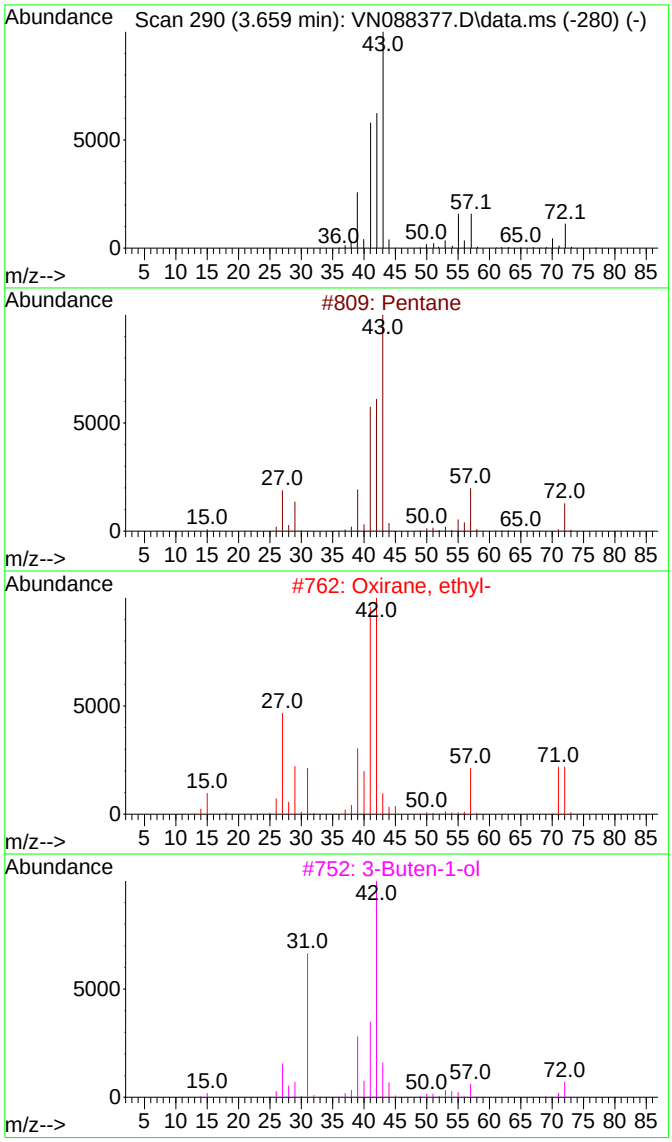
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

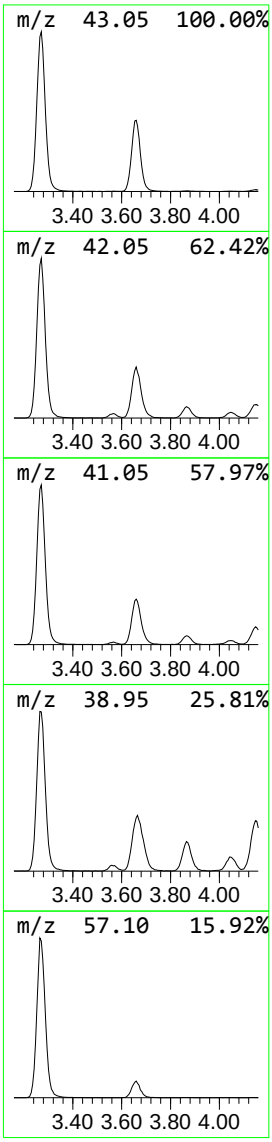
****

Peak Number 4 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.659	129.63 ug/l	3324900	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	25
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

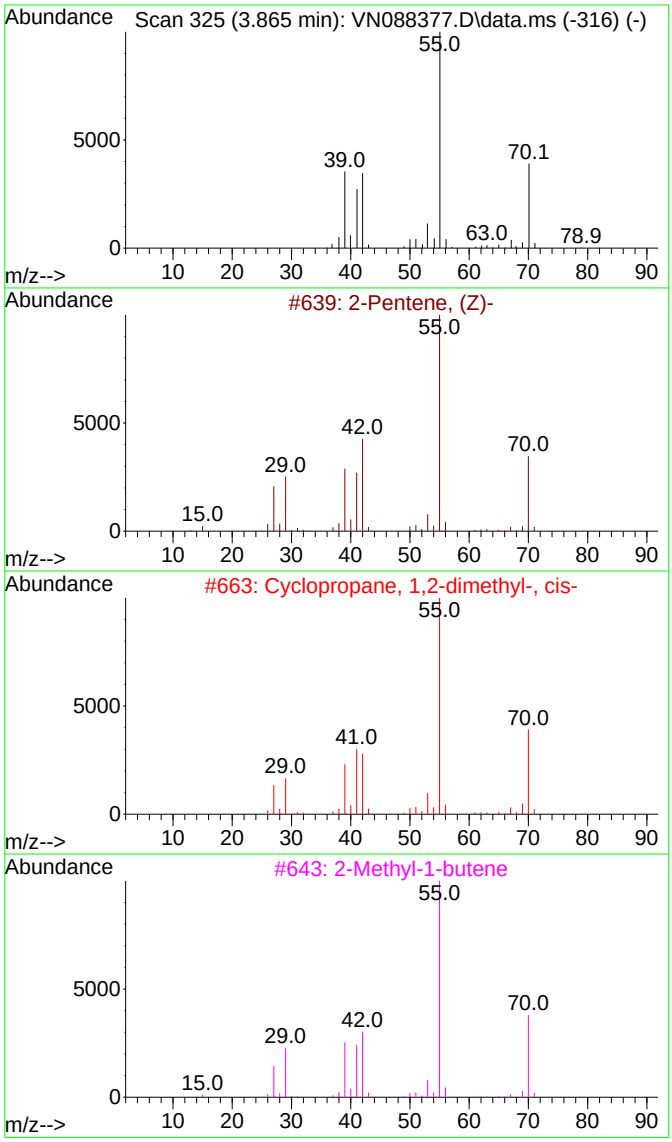
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

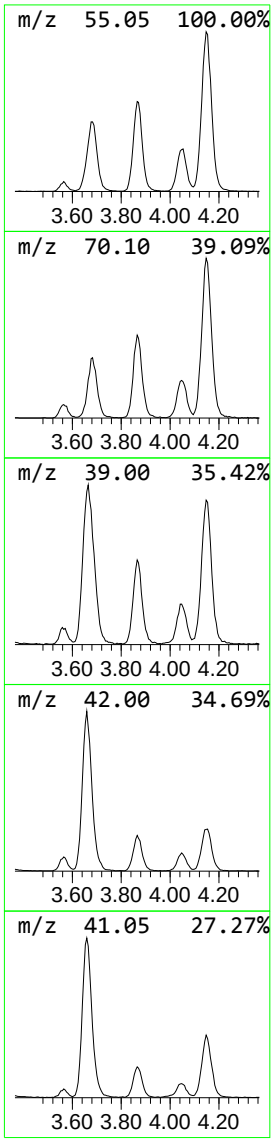
****

Peak Number 5 2-Pentene, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.865	41.65 ug/l	1068250	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Pentene, (E)-	70	C5H10	000646-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

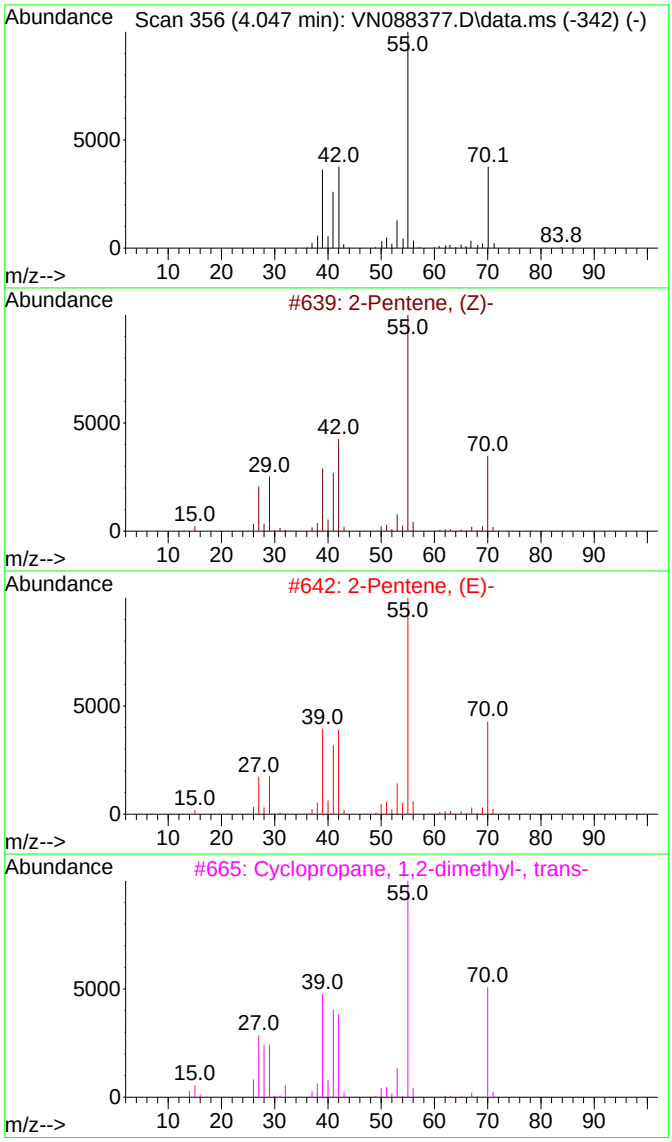
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

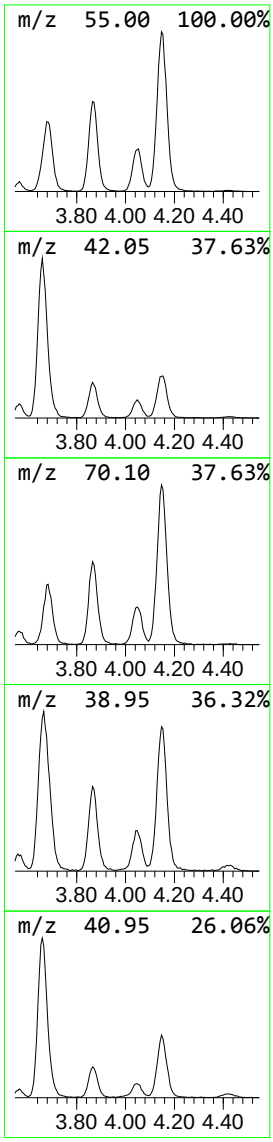
****

Peak Number 6 2-Pentene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.047	21.64 ug/l	555062	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
5	2-Methyl-1-butene	70	C5H10	000563-46-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

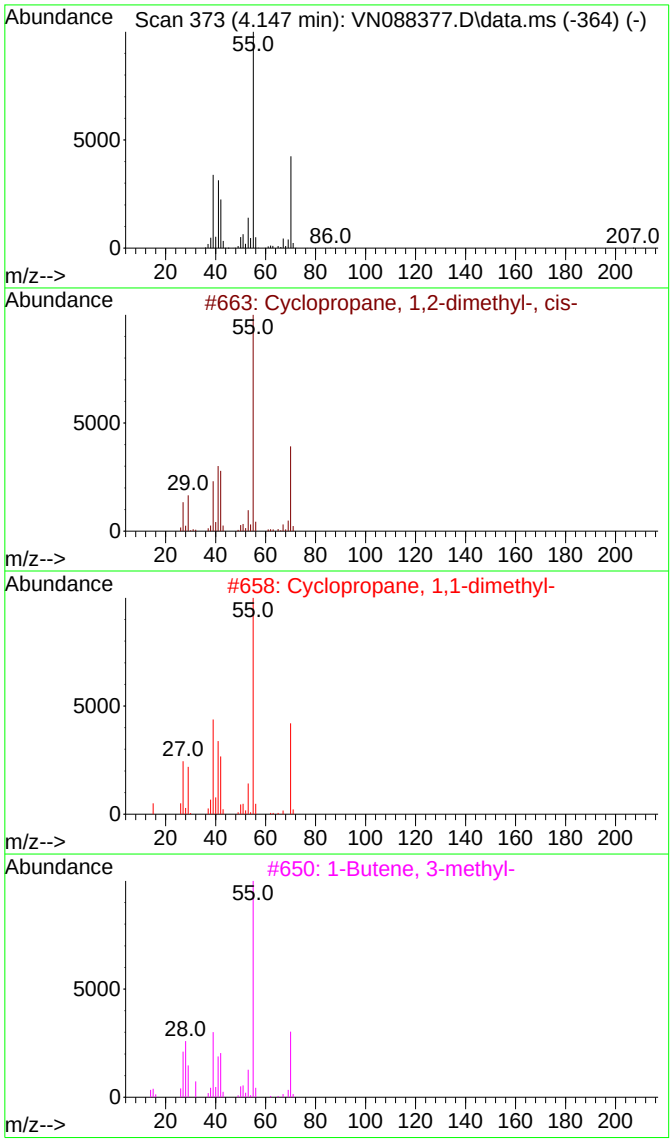
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

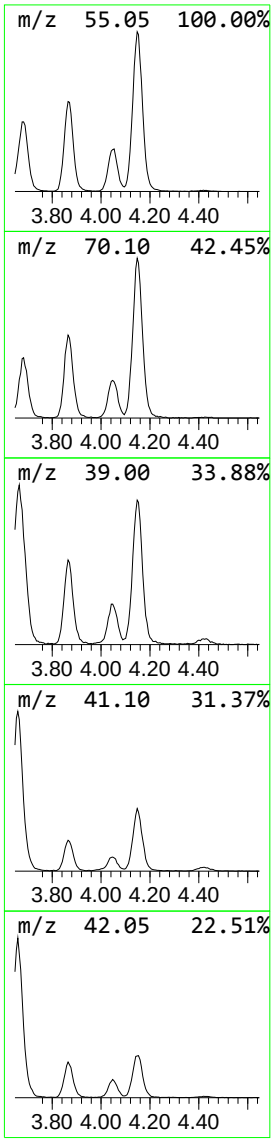
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopropane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.147	82.22 ug/l	2108890	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

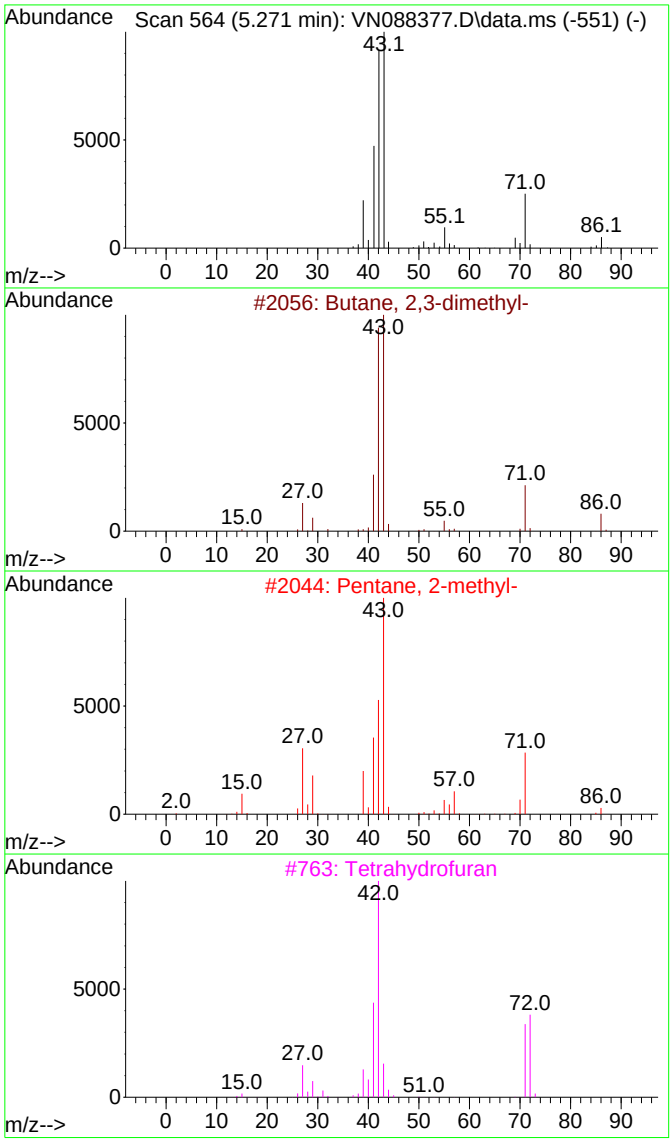
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

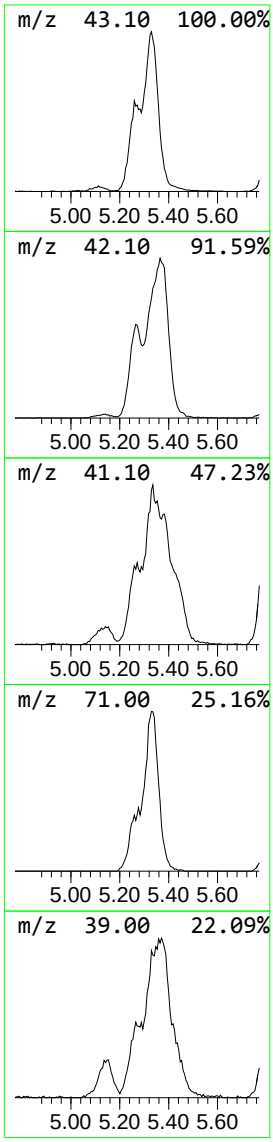
****

Peak Number 8 Butane, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.271	27.13 ug/l	695829	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	33
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

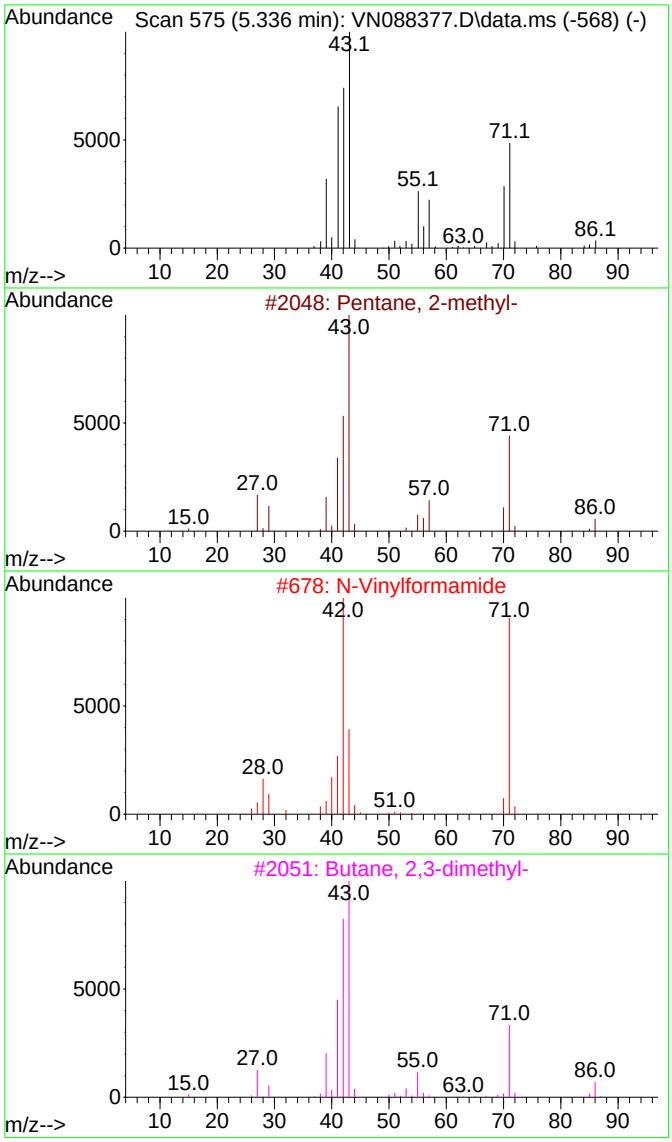
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

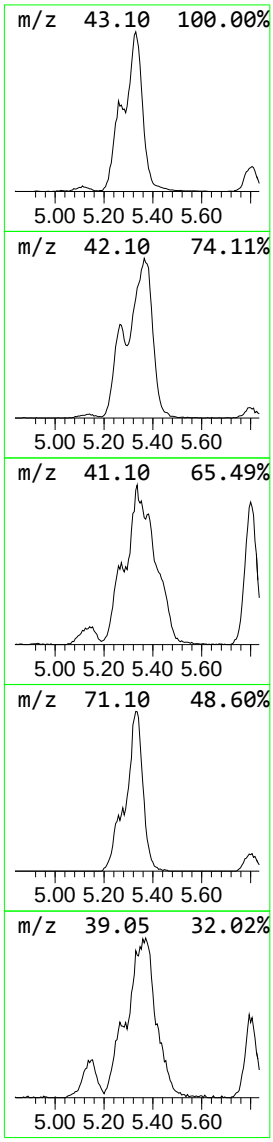
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.336	100.88 ug/l	2587520	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	N-Vinylformamide	71	C3H5NO	013162-05-5	53
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
4	1-Pentene	70	C5H10	000109-67-1	43
5	Pentane	72	C5H12	000109-66-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

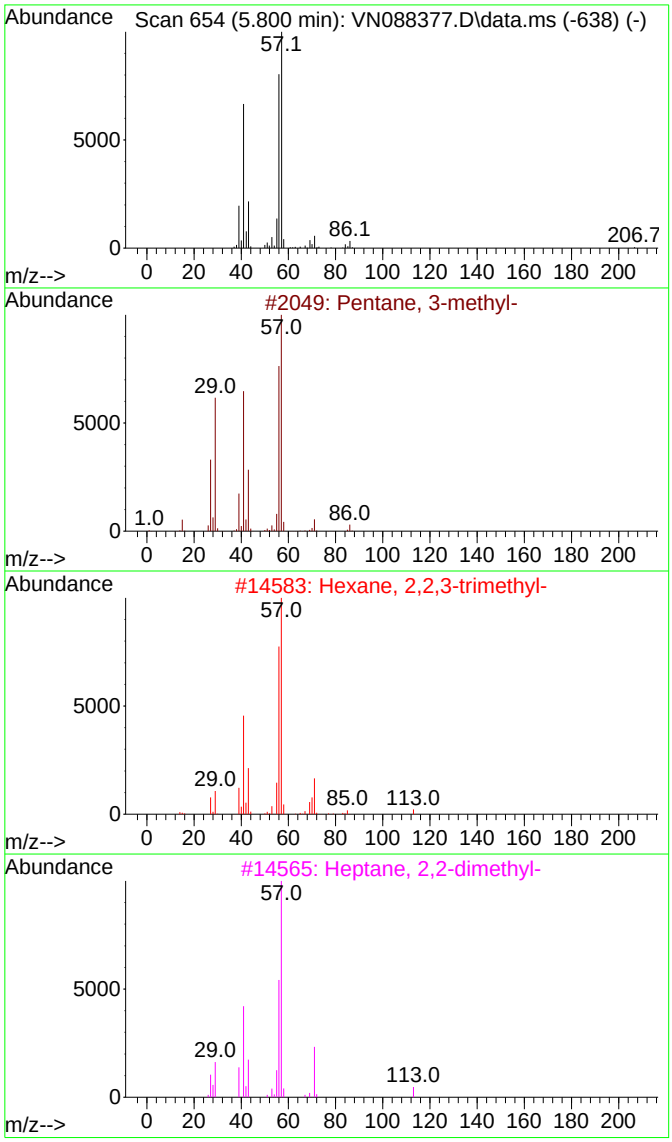
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

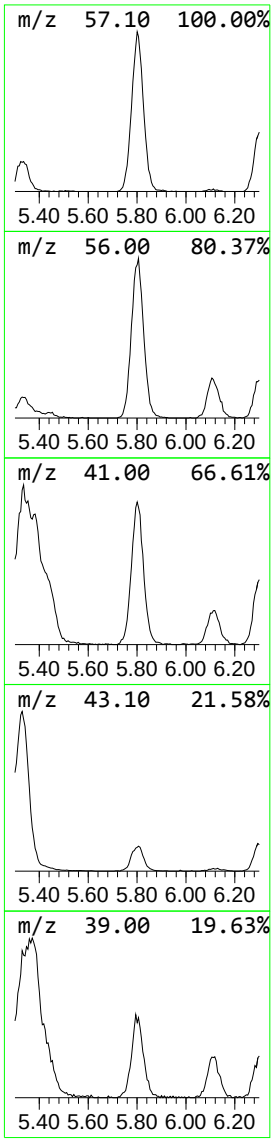
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	38.30 ug/l	982468	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	78
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

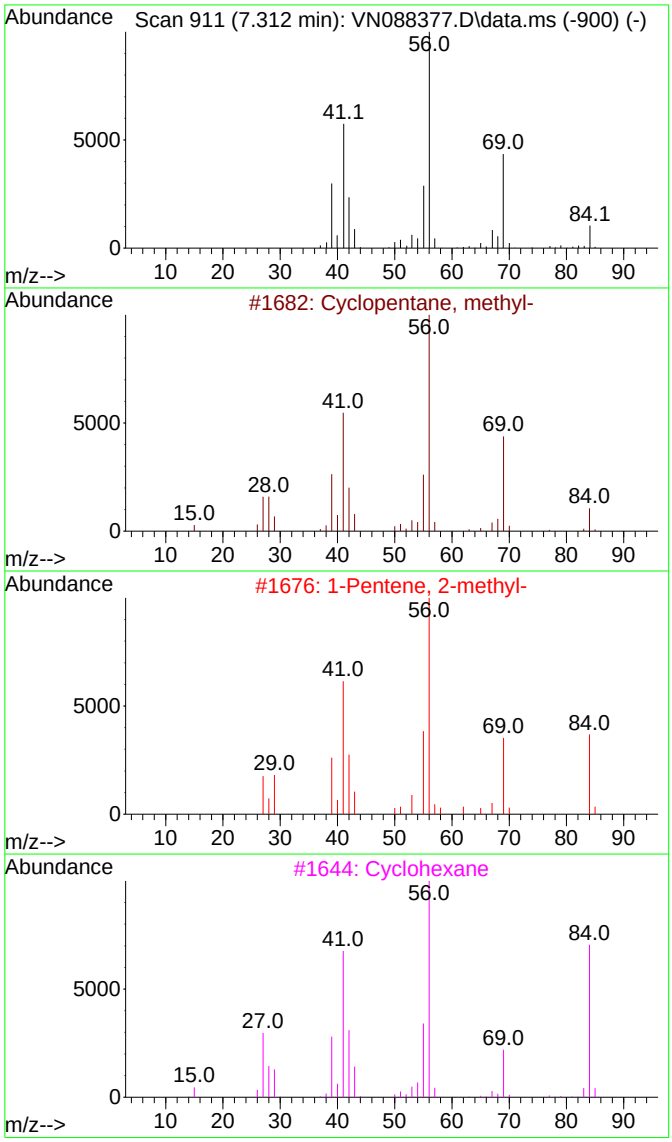
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

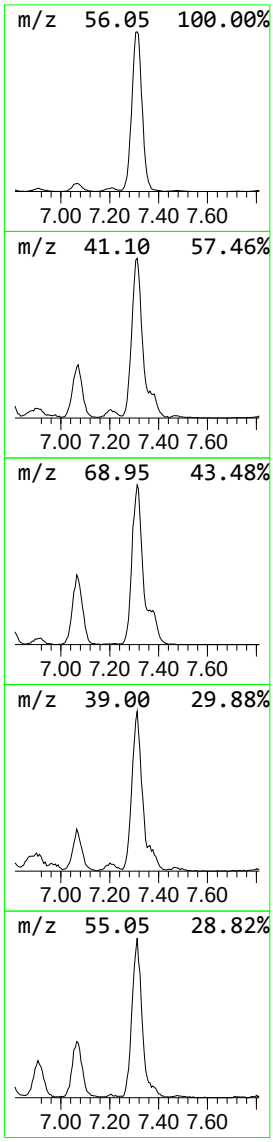
****

Peak Number 11 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	89.12 ug/l	2285880	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

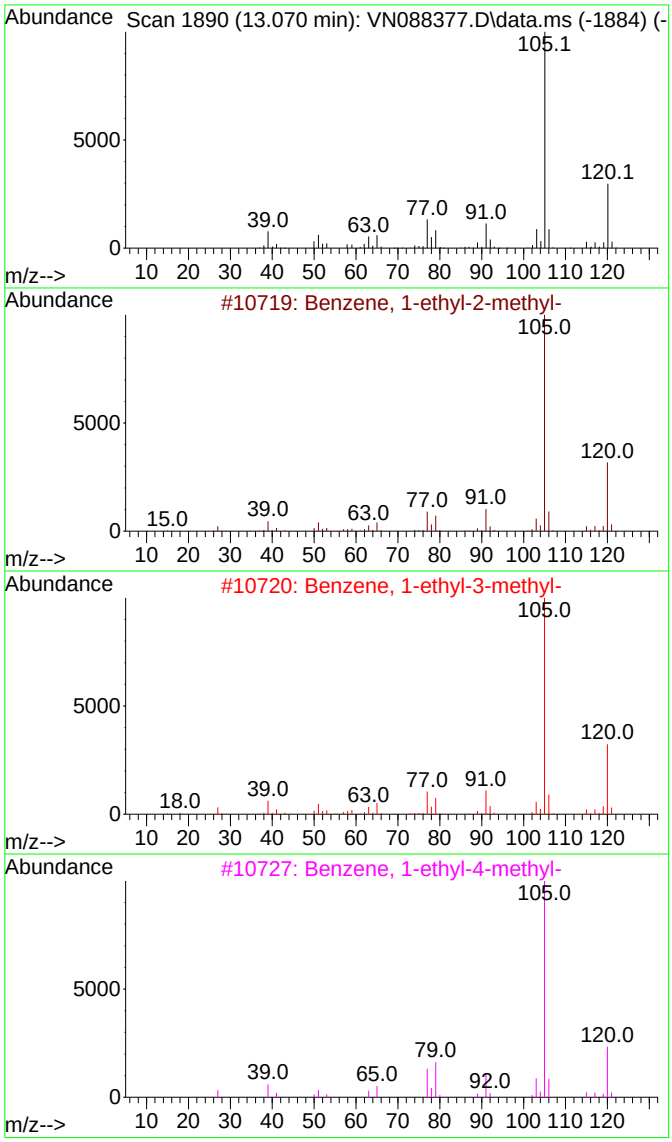
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

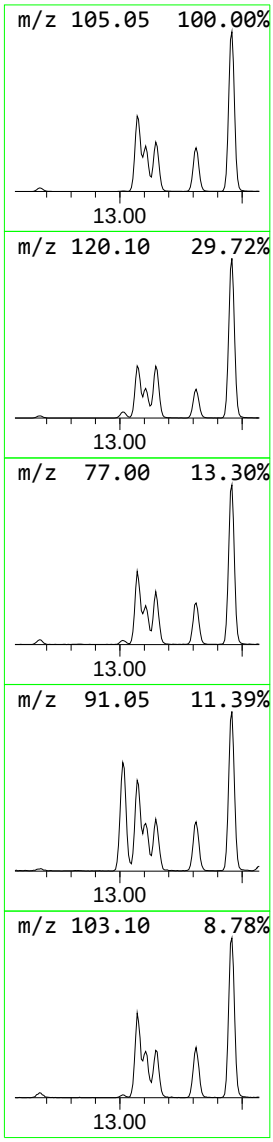
****

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.070	58.10 ug/l	4489000	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

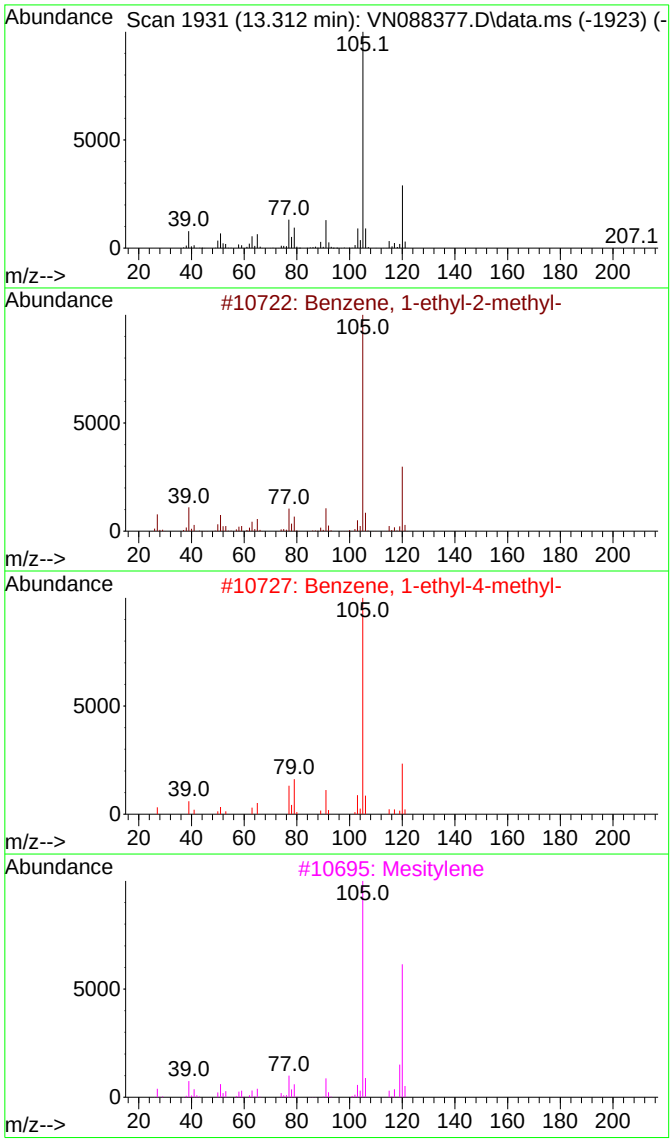
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

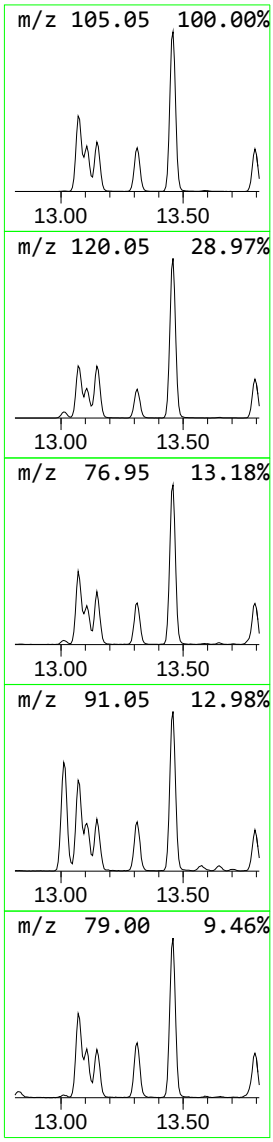
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	31.83 ug/l	2459100	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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

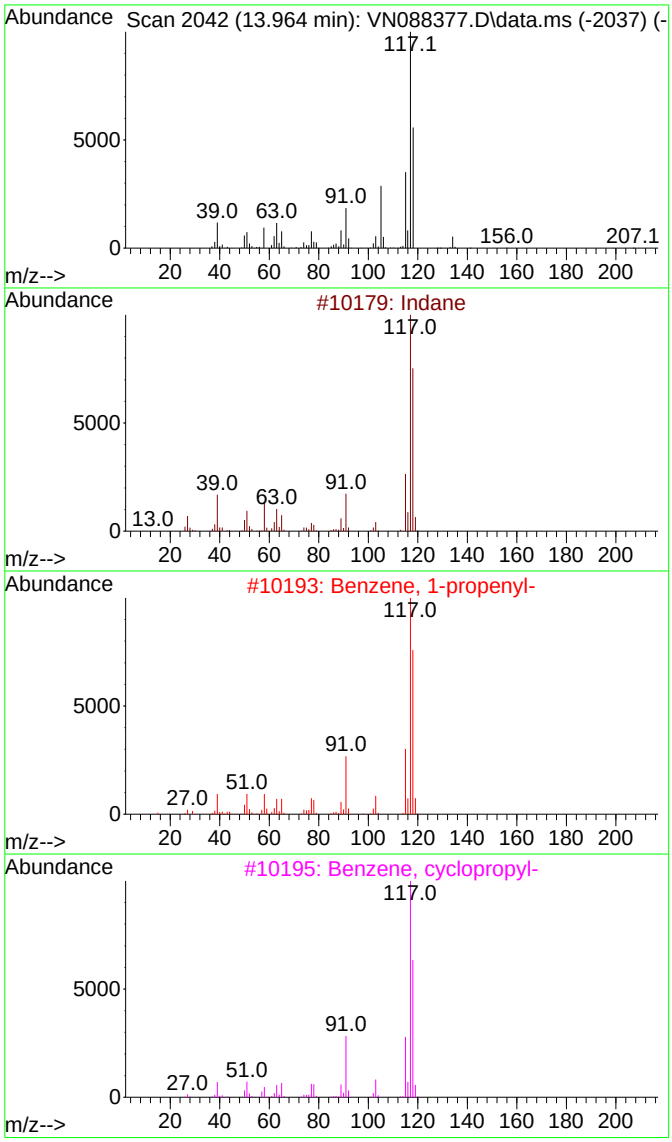
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

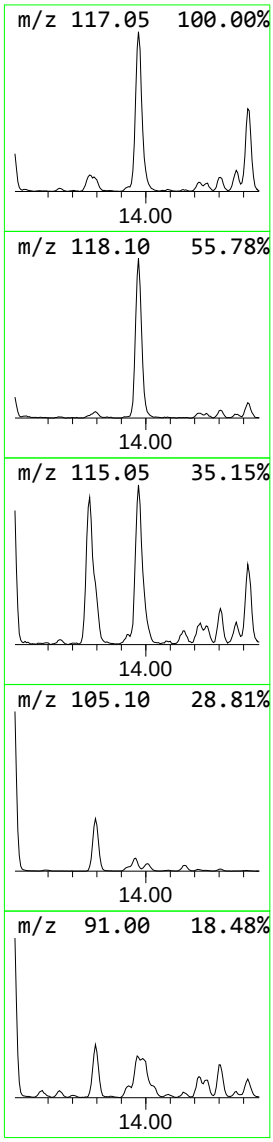
****

Peak Number 15 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	38.47 ug/l	2972180	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088377.D
Acq On : 01 Dec 2025 13:11
Operator : JC\MD
Sample : Q3716-01 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 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
Butane, 2-methyl-	3.271	330.3	ug/l	8471720	1	8.206	1282460	50.0
Pentane	3.659	129.6	ug/l	3324900	1	8.206	1282460	50.0
2-Pentene, (Z)-	3.865	41.6	ug/l	1068250	1	8.206	1282460	50.0
2-Pentene, (E)-	4.047	21.6	ug/l	555062	1	8.206	1282460	50.0
Cyclopropane, 1...	4.147	82.2	ug/l	2108890	1	8.206	1282460	50.0
Butane, 2,3-dim...	5.271	27.1	ug/l	695829	1	8.206	1282460	50.0
Pentane, 2-methyl-	5.336	100.9	ug/l	2587520	1	8.206	1282460	50.0
Pentane, 3-methyl-	5.800	38.3	ug/l	982468	1	8.206	1282460	50.0
Cyclopentane, m...	7.312	89.1	ug/l	2285880	1	8.206	1282460	50.0
Benzene, 1-ethy...	13.070	58.1	ug/l	4489000	4	13.770	3863240	50.0
Benzene, 1-ethy...	13.312	31.8	ug/l	2459100	4	13.770	3863240	50.0
Indane	13.964	38.5	ug/l	2972180	4	13.770	3863240	50.0

Raw Data: **VN088404.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW5DL			SDG No.:	Q3716
Lab Sample ID:	Q3716-01DL			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	4.40	UD	20	4.40	20.0	ug/L	12/02/25 12:55	VN120225
74-87-3	Chloromethane	6.40	UD	20	6.40	20.0	ug/L	12/02/25 12:55	VN120225
75-01-4	Vinyl Chloride	5.20	UD	20	5.20	20.0	ug/L	12/02/25 12:55	VN120225
74-83-9	Bromomethane	28.8	UD	20	28.8	100	ug/L	12/02/25 12:55	VN120225
75-00-3	Chloroethane	9.40	UD	20	9.40	20.0	ug/L	12/02/25 12:55	VN120225
75-69-4	Trichlorofluoromethane	6.60	UD	20	6.60	20.0	ug/L	12/02/25 12:55	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	20	5.00	20.0	ug/L	12/02/25 12:55	VN120225
75-65-0	Tert butyl alcohol	110	UD	20	110	500	ug/L	12/02/25 12:55	VN120225
75-35-4	1,1-Dichloroethene	4.60	UD	20	4.60	20.0	ug/L	12/02/25 12:55	VN120225
67-64-1	Acetone	30.2	UD	20	30.2	100	ug/L	12/02/25 12:55	VN120225
75-15-0	Carbon Disulfide	4.20	UD	20	4.20	20.0	ug/L	12/02/25 12:55	VN120225
1634-04-4	Methyl tert-butyl Ether	3.20	UD	20	3.20	20.0	ug/L	12/02/25 12:55	VN120225
79-20-9	Methyl Acetate	5.40	UD	20	5.40	20.0	ug/L	12/02/25 12:55	VN120225
75-09-2	Methylene Chloride	5.60	UD	20	5.60	20.0	ug/L	12/02/25 12:55	VN120225
156-60-5	trans-1,2-Dichloroethene	4.60	UD	20	4.60	20.0	ug/L	12/02/25 12:55	VN120225
75-34-3	1,1-Dichloroethane	4.60	UD	20	4.60	20.0	ug/L	12/02/25 12:55	VN120225
110-82-7	Cyclohexane	86.4	JD	20	29.0	100	ug/L	12/02/25 12:55	VN120225
78-93-3	2-Butanone	19.6	UD	20	19.6	100	ug/L	12/02/25 12:55	VN120225
56-23-5	Carbon Tetrachloride	5.00	UD	20	5.00	20.0	ug/L	12/02/25 12:55	VN120225
156-59-2	cis-1,2-Dichloroethene	3.80	UD	20	3.80	20.0	ug/L	12/02/25 12:55	VN120225
74-97-5	Bromochloromethane	4.40	UD	20	4.40	20.0	ug/L	12/02/25 12:55	VN120225
67-66-3	Chloroform	5.00	UD	20	5.00	20.0	ug/L	12/02/25 12:55	VN120225
71-55-6	1,1,1-Trichloroethane	4.00	UD	20	4.00	20.0	ug/L	12/02/25 12:55	VN120225
108-87-2	Methylcyclohexane	44.9	D	20	3.20	20.0	ug/L	12/02/25 12:55	VN120225
71-43-2	Benzene	69.5	D	20	3.00	20.0	ug/L	12/02/25 12:55	VN120225
107-06-2	1,2-Dichloroethane	4.40	UD	20	4.40	20.0	ug/L	12/02/25 12:55	VN120225
79-01-6	Trichloroethene	1.90	UD	20	1.90	20.0	ug/L	12/02/25 12:55	VN120225
78-87-5	1,2-Dichloropropane	4.00	UD	20	4.00	20.0	ug/L	12/02/25 12:55	VN120225
75-27-4	Bromodichloromethane	4.40	UD	20	4.40	20.0	ug/L	12/02/25 12:55	VN120225
108-10-1	4-Methyl-2-Pentanone	13.6	UD	20	13.6	100	ug/L	12/02/25 12:55	VN120225
108-88-3	Toluene	110	D	20	2.80	20.0	ug/L	12/02/25 12:55	VN120225
10061-02-6	t-1,3-Dichloropropene	3.40	UD	20	3.40	20.0	ug/L	12/02/25 12:55	VN120225
10061-01-5	cis-1,3-Dichloropropene	3.20	UD	20	3.20	20.0	ug/L	12/02/25 12:55	VN120225
79-00-5	1,1,2-Trichloroethane	4.20	UD	20	4.20	20.0	ug/L	12/02/25 12:55	VN120225
591-78-6	2-Hexanone	17.8	UD	20	17.8	100	ug/L	12/02/25 12:55	VN120225
124-48-1	Dibromochloromethane	3.60	UD	20	3.60	20.0	ug/L	12/02/25 12:55	VN120225
106-93-4	1,2-Dibromoethane	3.00	UD	20	3.00	20.0	ug/L	12/02/25 12:55	VN120225
127-18-4	Tetrachloroethene	4.60	UD	20	4.60	20.0	ug/L	12/02/25 12:55	VN120225
108-90-7	Chlorobenzene	2.40	UD	20	2.40	20.0	ug/L	12/02/25 12:55	VN120225
100-41-4	Ethyl Benzene	230	D	20	2.60	20.0	ug/L	12/02/25 12:55	VN120225
179601-23-1	m/p-Xylenes	1100	D	20	4.80	40.0	ug/L	12/02/25 12:55	VN120225
95-47-6	o-Xylene	360	D	20	2.40	20.0	ug/L	12/02/25 12:55	VN120225
100-42-5	Styrene	3.00	UD	20	3.00	20.0	ug/L	12/02/25 12:55	VN120225

Raw Data: **VN088404.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW5DL			SDG No.:	Q3716
Lab Sample ID:	Q3716-01DL			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	3.80	UD	20	3.80	20.0	ug/L	12/02/25 12:55	VN120225
98-82-8	Isopropylbenzene	16.7	JD	20	2.40	20.0	ug/L	12/02/25 12:55	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	20	5.20	20.0	ug/L	12/02/25 12:55	VN120225
95-63-6	1,2,4-Trimethylbenzene	790	D	20	2.80	20.0	ug/L	12/02/25 12:55	VN120225
541-73-1	1,3-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	12/02/25 12:55	VN120225
106-46-7	1,4-Dichlorobenzene	3.80	UD	20	3.80	20.0	ug/L	12/02/25 12:55	VN120225
95-50-1	1,2-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	12/02/25 12:55	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	20	10.6	20.0	ug/L	12/02/25 12:55	VN120225
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	12/02/25 12:55	VN120225
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	12/02/25 12:55	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.5			70 (74) - 130 (125)	125%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.5			70 (75) - 130 (124)	105%	SPK: 50		
2037-26-5	Toluene-d8	49.6			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			70 (77) - 130 (121)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	208000							
540-36-3	1,4-Difluorobenzene	480000							
3114-55-4	Chlorobenzene-d5	473000							
3855-82-1	1,4-Dichlorobenzene-d4	241000							

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 : VN088404.D
Acq On : 02 Dec 2025 12:55
Operator : JC\MD
Sample : Q3716-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 01:27:54 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 :
MW5DL

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	207935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	480326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	472979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	241090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	245002	62.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.100%#			
35) Dibromofluoromethane	8.147	113	174812	52.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	10.541	98	614700	49.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.829	95	239873	56.447	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.900%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	22256m	4.320	ug/l	
39) Methylcyclohexane	9.577	83	12349	2.247	ug/l	98
40) Benzene	8.588	78	52384	3.474	ug/l	97
52) Toluene	10.606	92	46202	5.307	ug/l	100
67) Ethyl Benzene	11.941	91	211963	11.415	ug/l	99
68) m/p-Xylenes	12.047	106	366452	53.228	ug/l	100
69) o-Xylene	12.376	106	118177	18.005	ug/l	98
73) Isopropylbenzene	12.676	105	14911	0.836	ug/l	96
78) n-propylbenzene	13.018	91	45499	2.086	ug/l	95
80) 1,3,5-Trimethylbenzene	13.147	105	171991	11.644	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	580928	39.567	ug/l	99
85) sec-Butylbenzene	13.594	105	6083m	0.337	ug/l	
86) p-Isopropyltoluene	13.700	119	3843	0.260	ug/l #	66
89) n-Butylbenzene	14.035	91	4382m	0.305	ug/l	

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

Sample Results: **VN088404.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088404.D
Acq On : 02 Dec 2025 12:55
Operator : JC\MD
Sample : Q3716-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 01:27:54 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 :
MW5DL

Manual Integrations APPROVED

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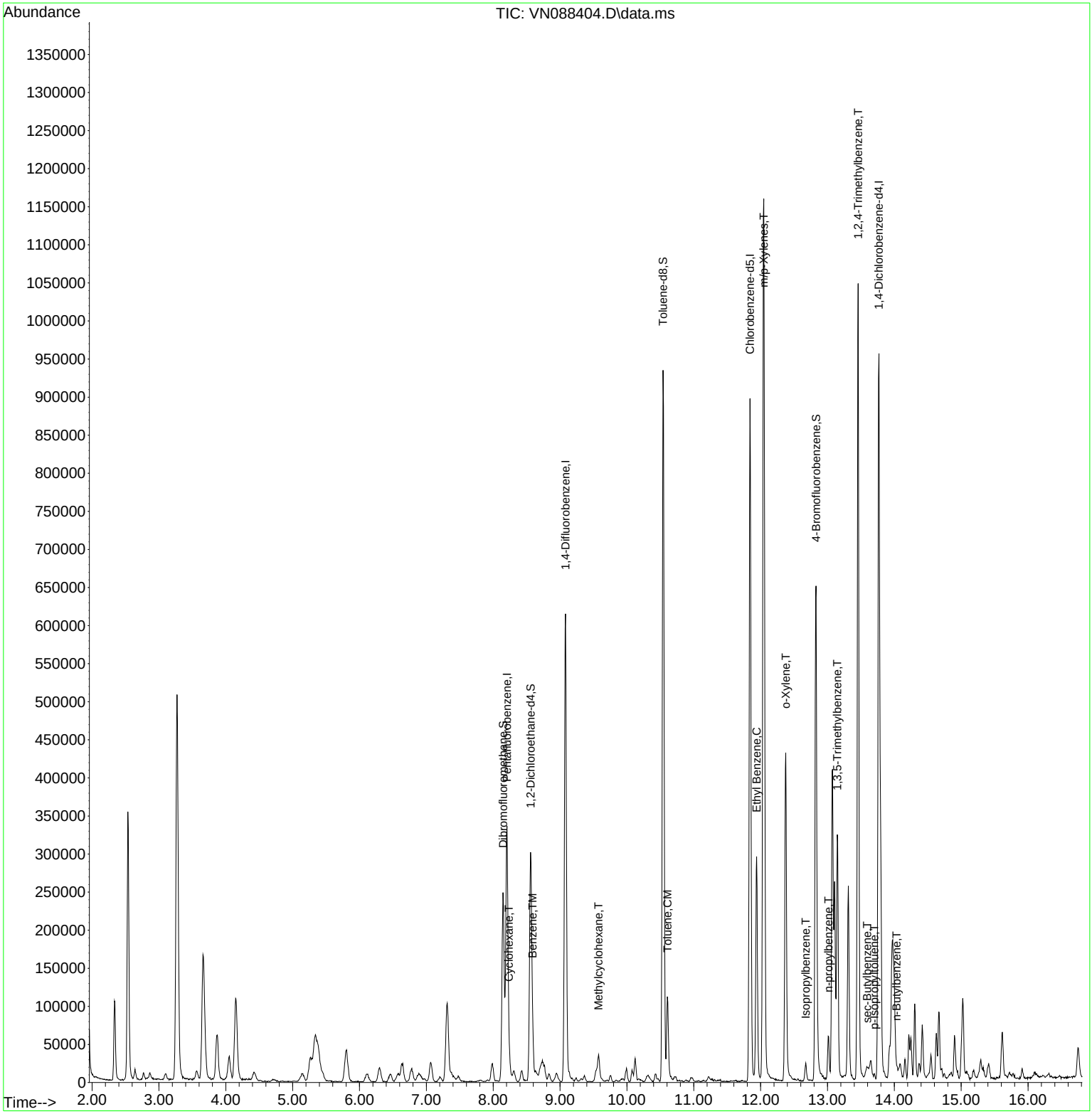

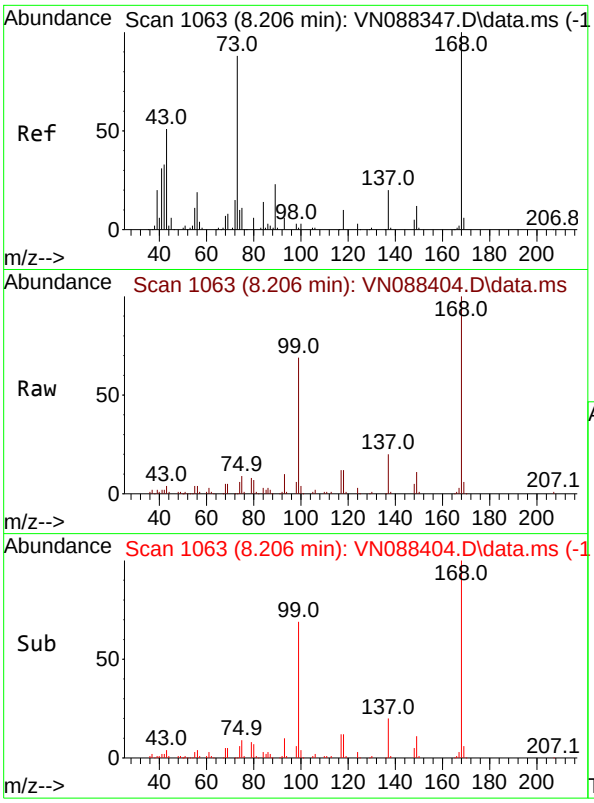

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:168 Resp: 20793

Ion	Ratio	Lower	Upper
168	100		
99	69.3	57.1	85.7

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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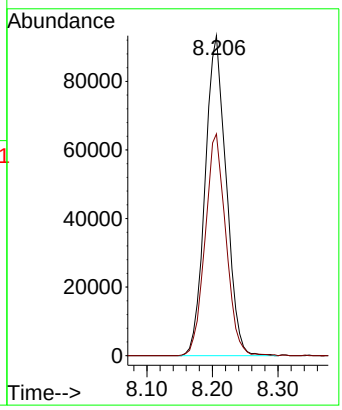
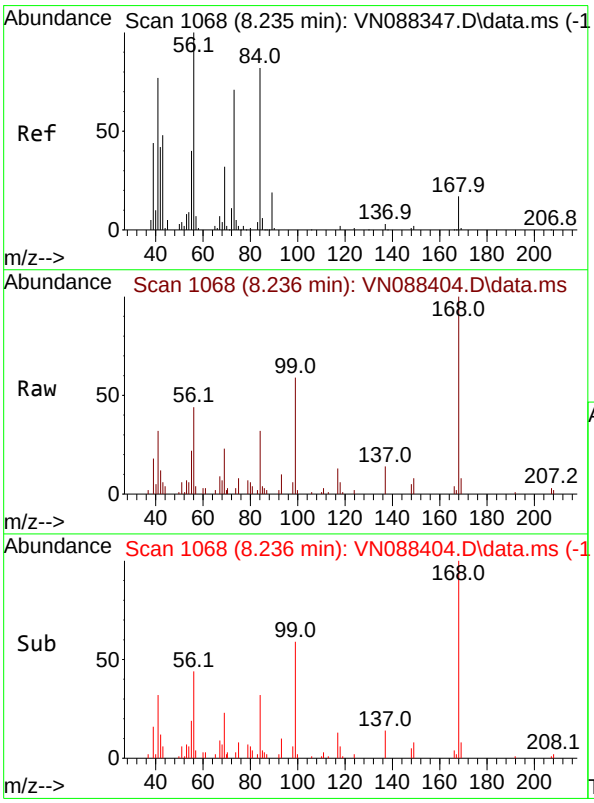
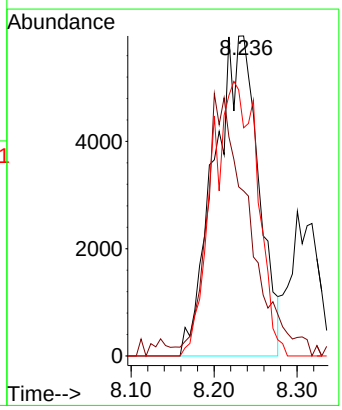


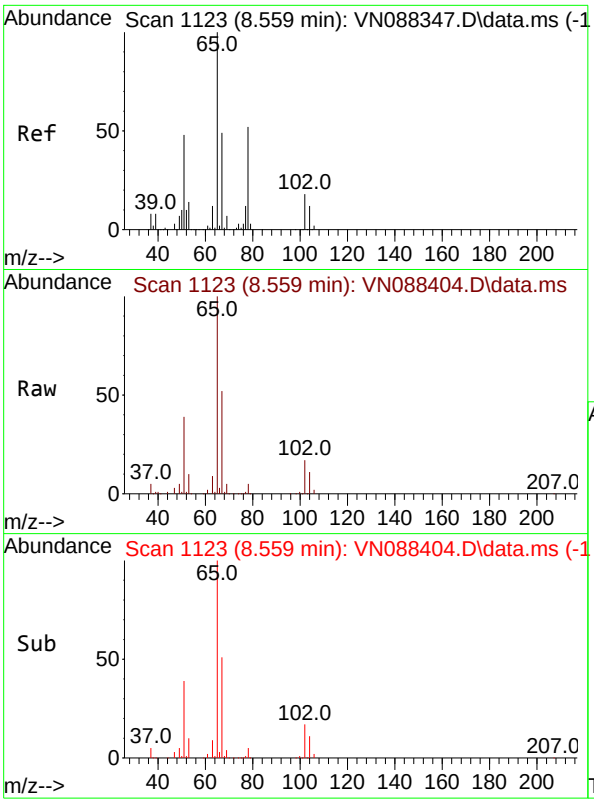


#31
Cyclohexane
Concen: 4.320 ug/l m
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 56 Resp: 22256

Ion	Ratio	Lower	Upper
56	100		
69	51.6	25.3	37.9#
84	71.3	65.4	98.2

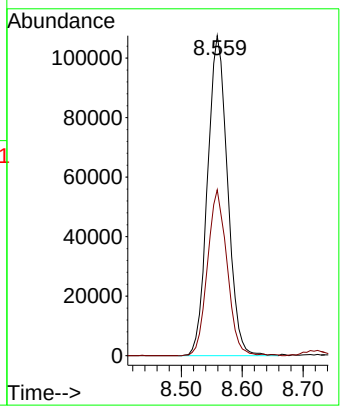




#33
1,2-Dichloroethane-d4
Concen: 62.547 ug/l
RT: 8.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 65 Resp: 24500

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.8



Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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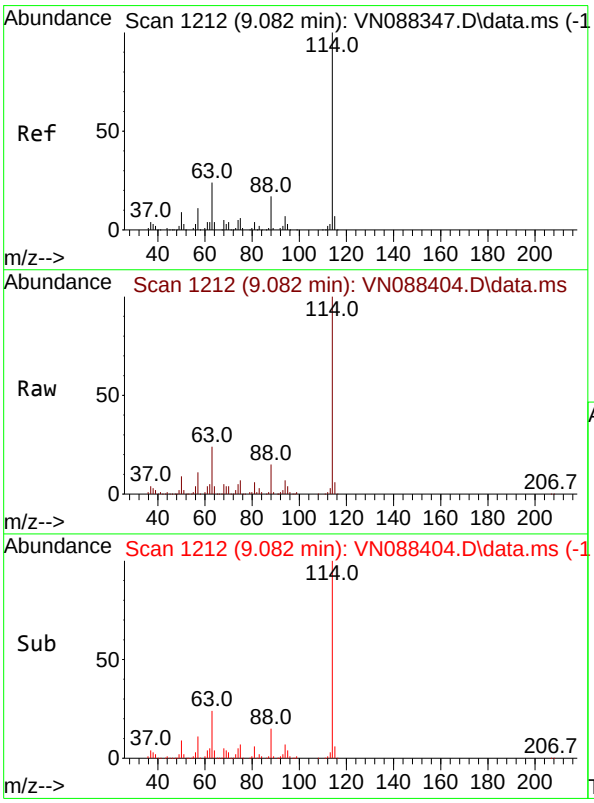
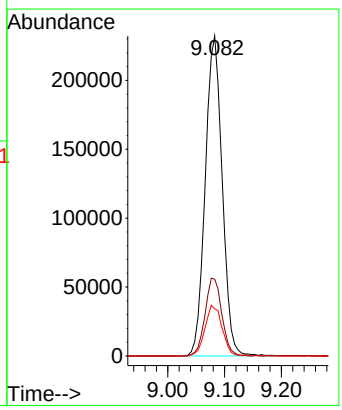
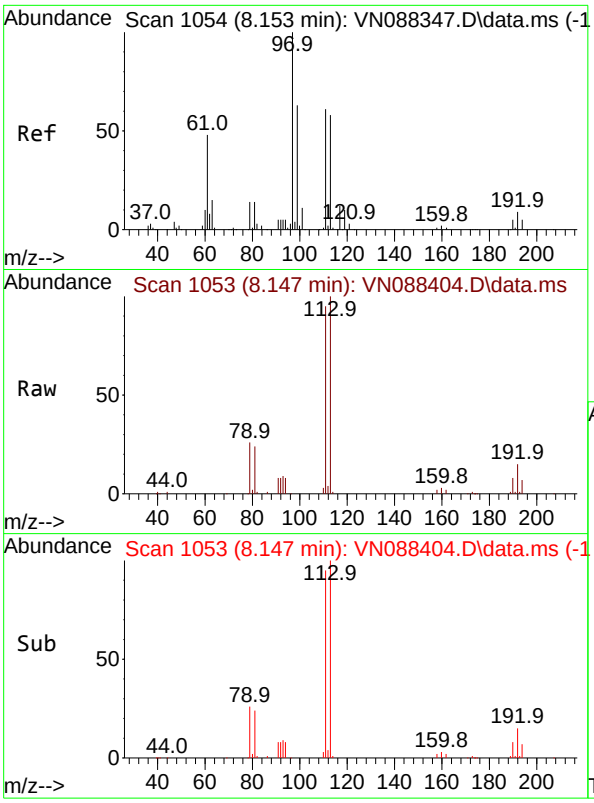


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:114 Resp: 480326

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.0
88	14.7	0.0	34.0

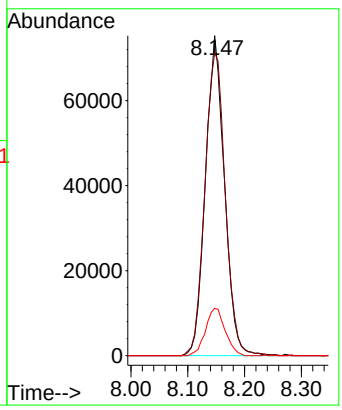




#35
Dibromofluoromethane
Concen: 52.518 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:113 Resp: 17481

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	15.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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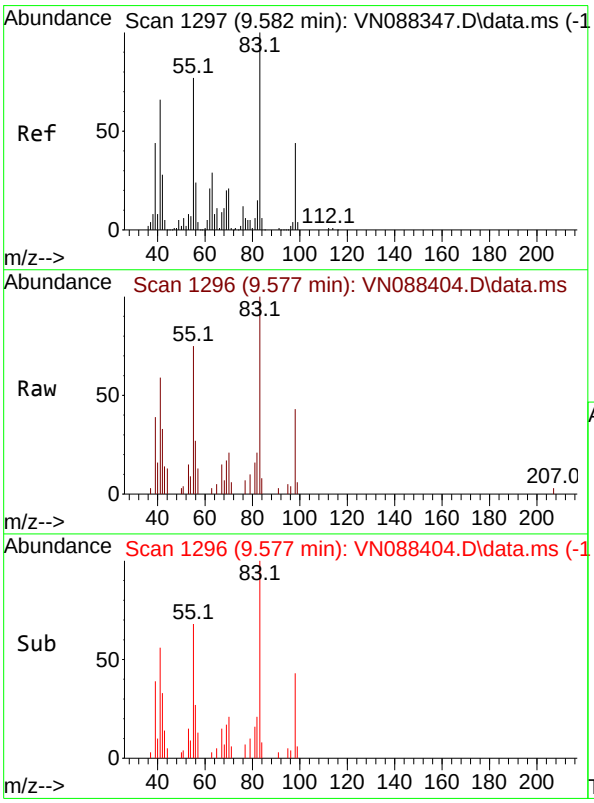
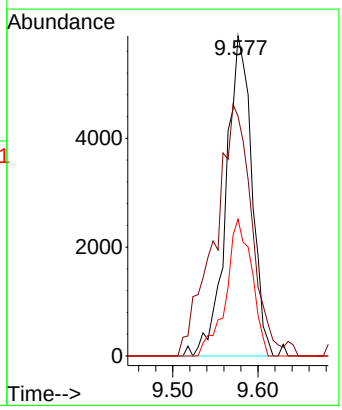
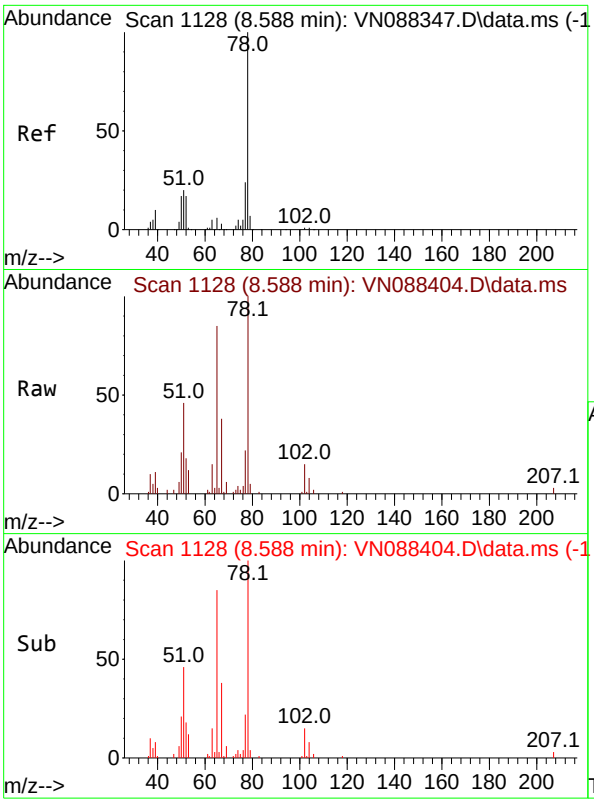


#39
Methylcyclohexane
Concen: 2.247 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 83 Resp: 12349

Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.6	92.4
98	42.8	35.3	52.9





#40
Benzene
Concen: 3.474 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 78 Resp: 5238

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.0	28.4

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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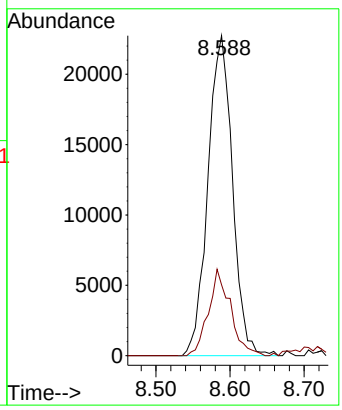
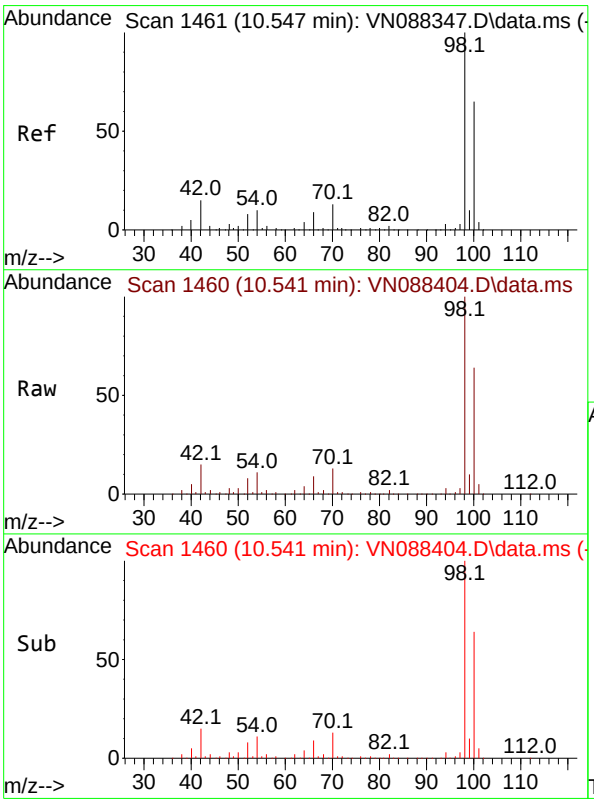
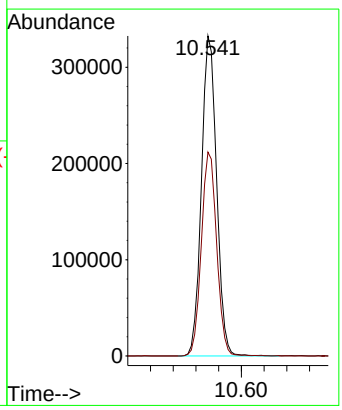


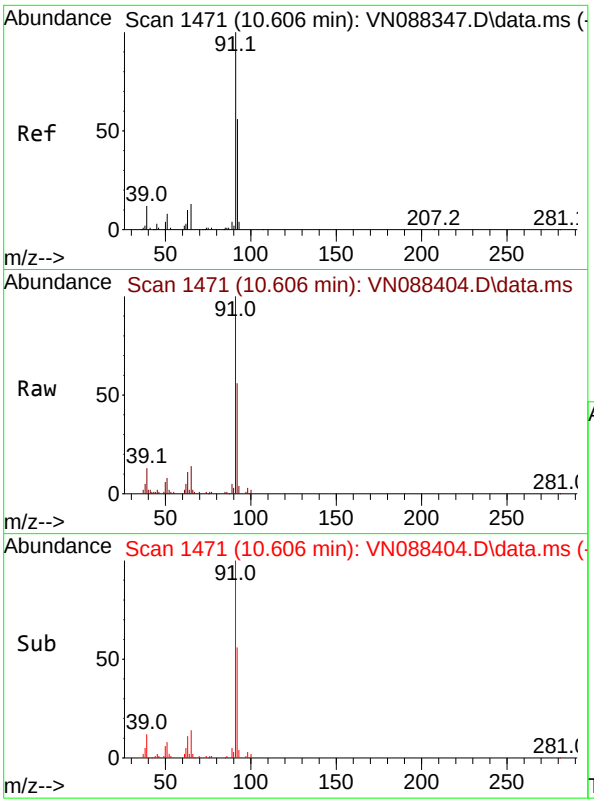


#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 98 Resp: 614700

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

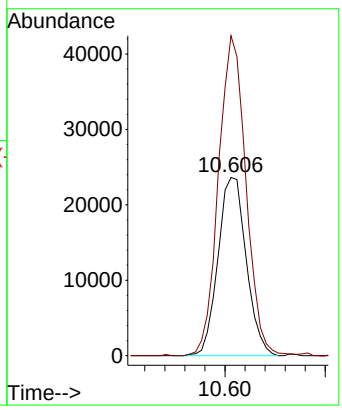




#52
Toluene
Concen: 5.307 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 92 Resp: 4620

Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.2	210.2



Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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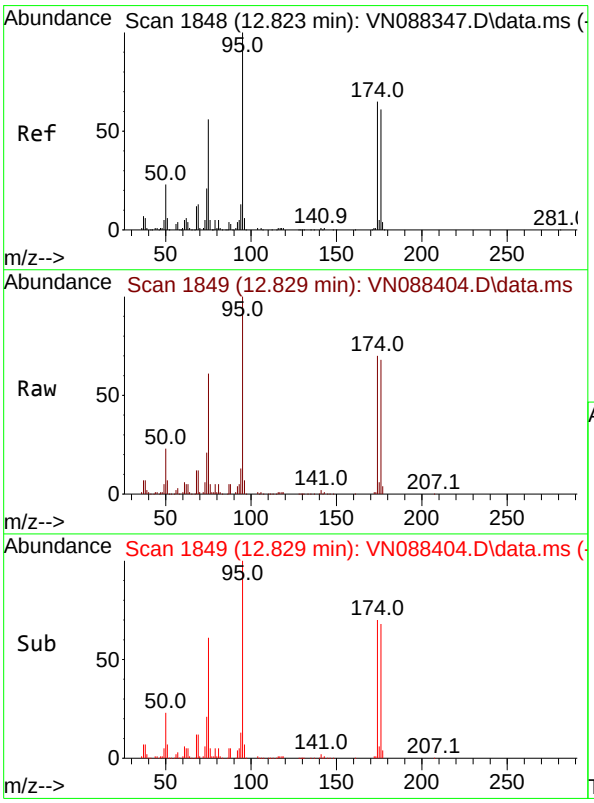
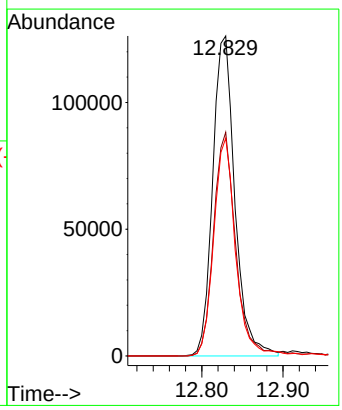
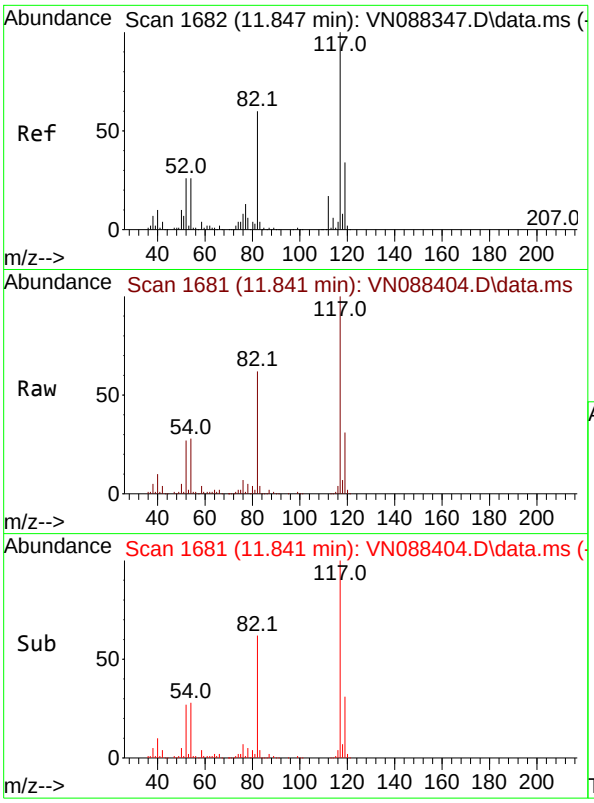


#62
4-Bromofluorobenzene
Concen: 56.447 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 95 Resp: 239873

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	139.0
176	67.1	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: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:117 Resp: 47297

Ion	Ratio	Lower	Upper
117	100		
82	62.2	47.8	71.8
119	31.2	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

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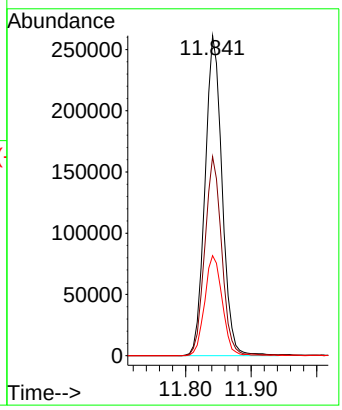
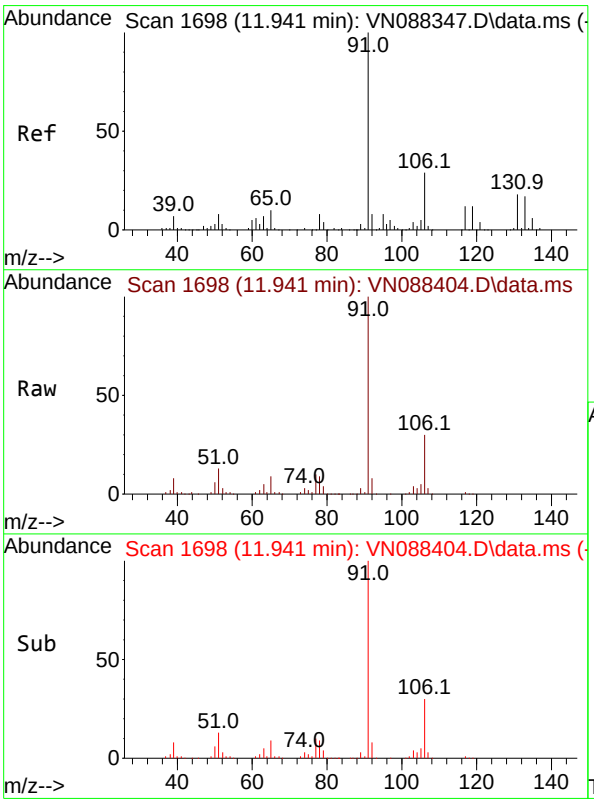
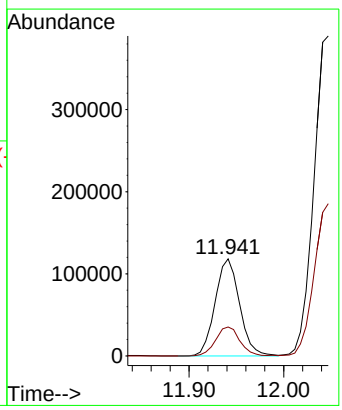


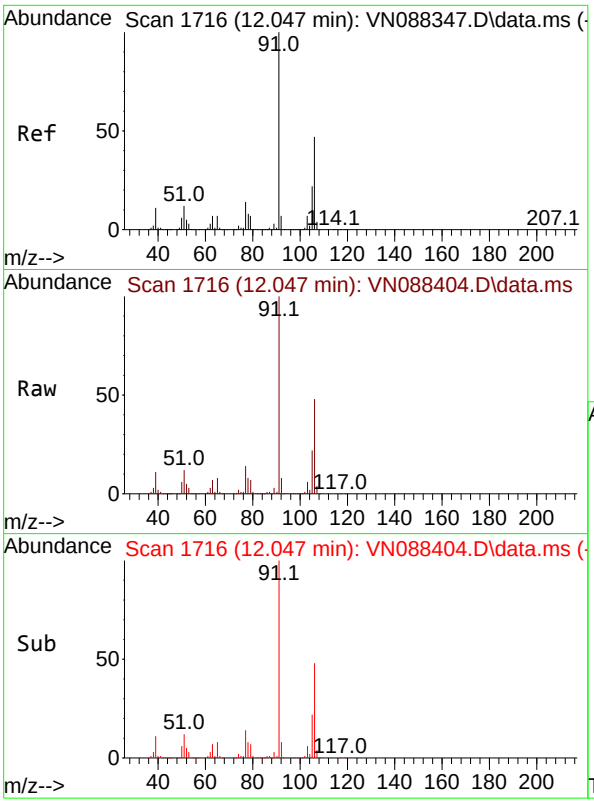


#67
Ethyl Benzene
Concen: 11.415 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 91 Resp: 211963

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.6	35.4





#68
m/p-Xylenes
Concen: 53.228 ug/l
RT: 12.047 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:106 Resp: 36645

Ion	Ratio	Lower	Upper
106	100		
91	210.3	167.8	251.6

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
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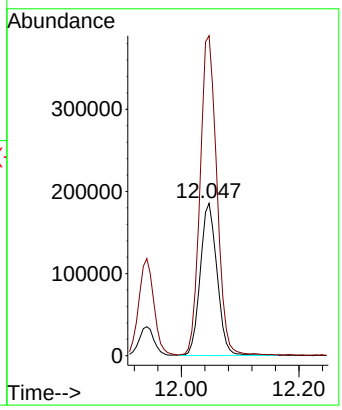
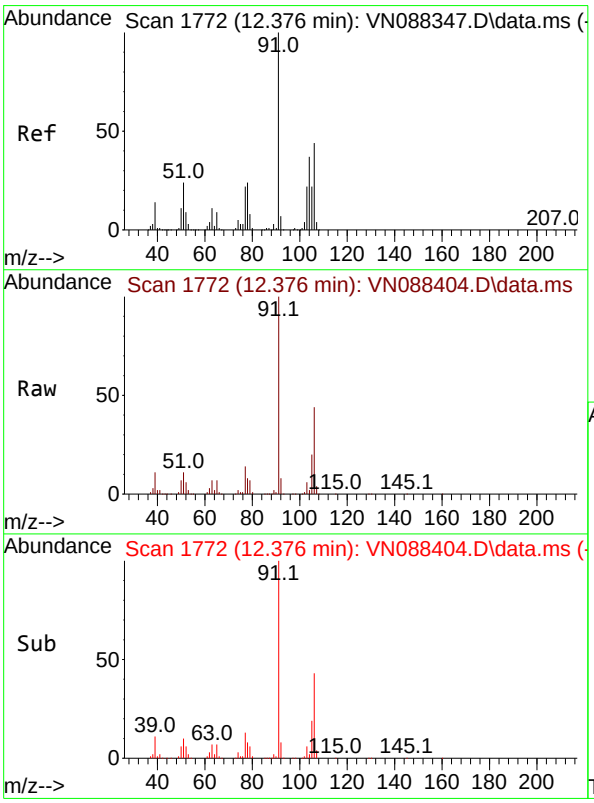
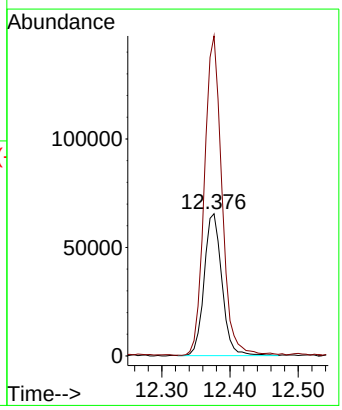


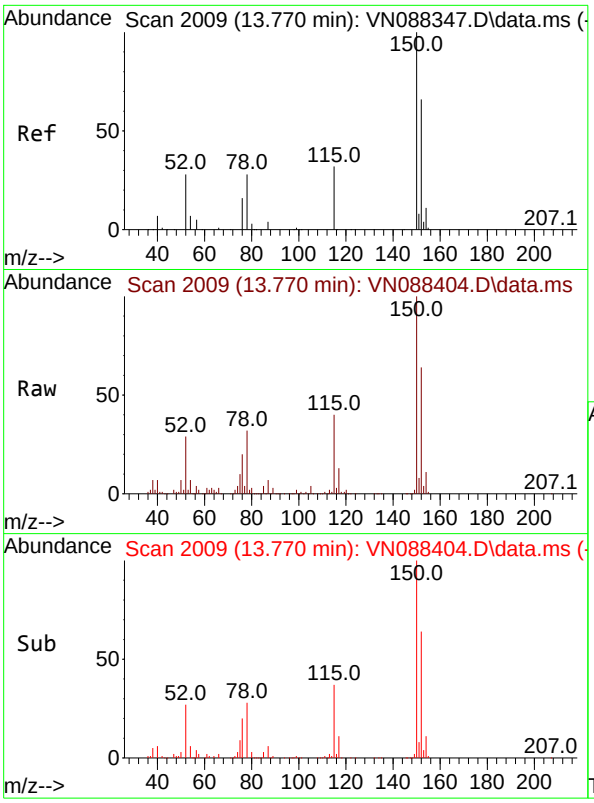


#69
o-Xylene
Concen: 18.005 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:106 Resp: 118177

Ion	Ratio	Lower	Upper
106	100		
91	223.1	112.9	338.7

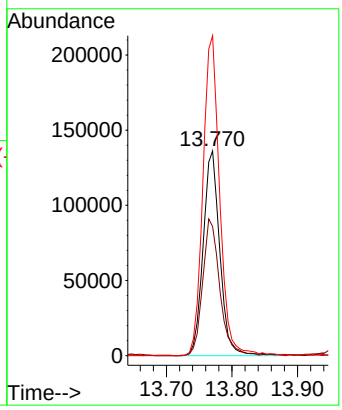




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:152 Resp: 24109

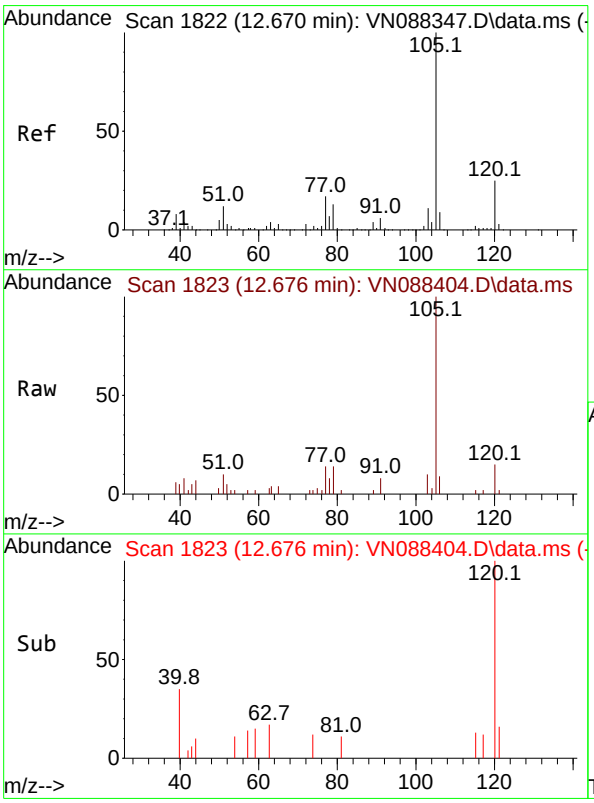
Ion	Ratio	Lower	Upper
152	100		
115	68.8	33.0	98.9
150	157.5	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
APPROVED

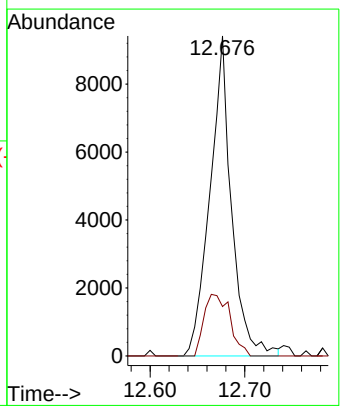
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

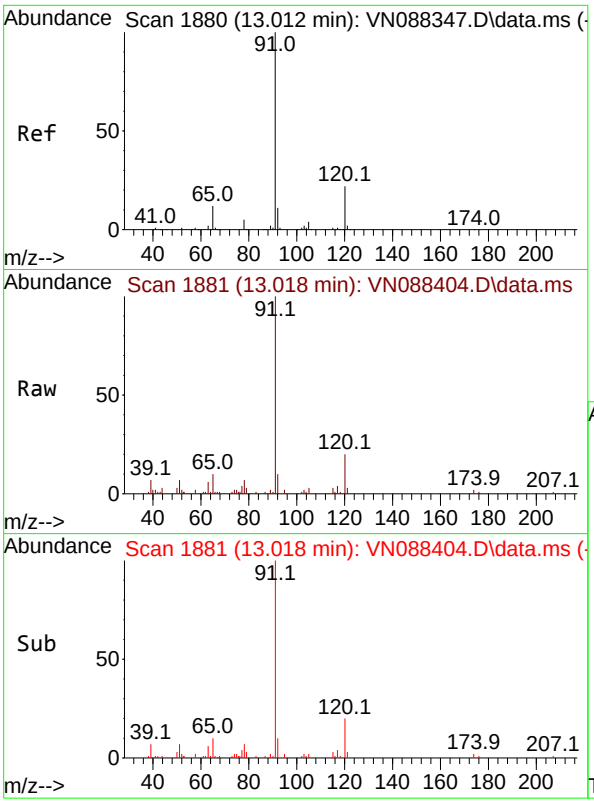


#73
Isopropylbenzene
Concen: 0.836 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:105 Resp: 14911

Ion	Ratio	Lower	Upper
105	100		
120	23.3	12.8	38.3





#78
n-propylbenzene
Concen: 2.086 ug/l
RT: 13.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

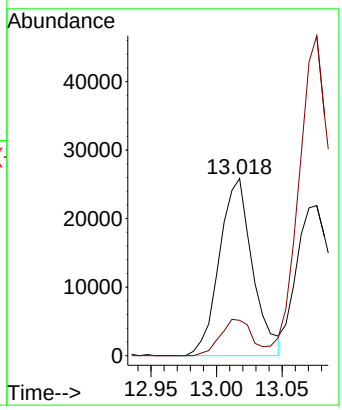
Tgt Ion: 91 Resp: 4549

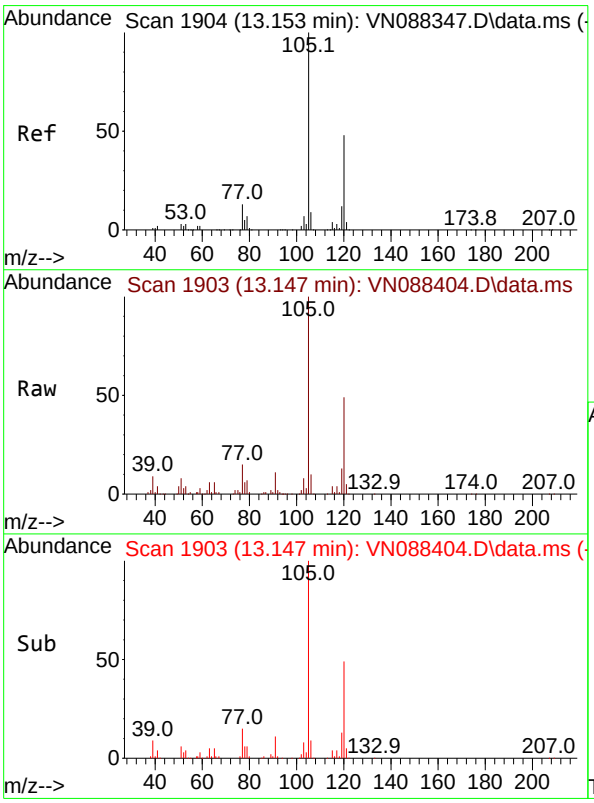
Ion	Ratio	Lower	Upper
91	100		
120	19.5	10.9	32.6

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
APPROVED

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

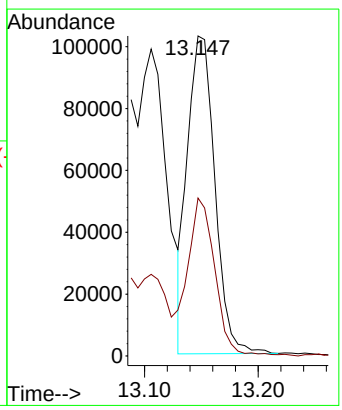


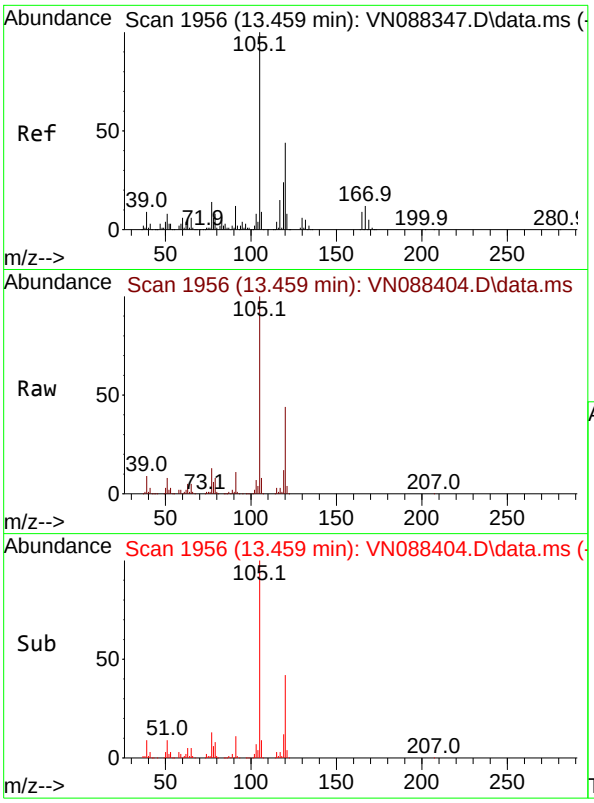


#80
1,3,5-Trimethylbenzene
Concen: 11.644 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:105 Resp: 171991

Ion	Ratio	Lower	Upper
105	100		
120	50.9	23.8	71.5





#84
1,2,4-Trimethylbenzene
Concen: 39.567 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

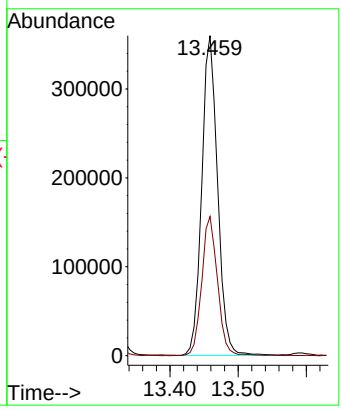
Tgt Ion:105 Resp: 58092

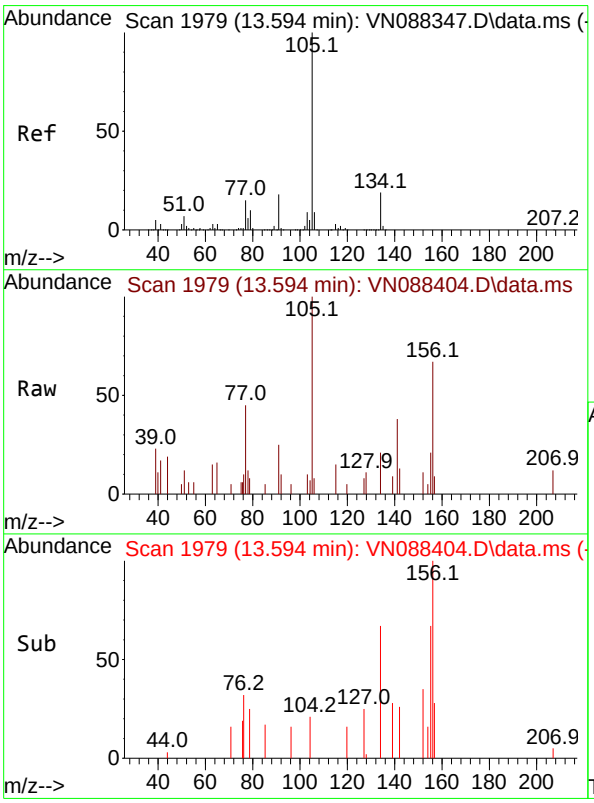
Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
APPROVED

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

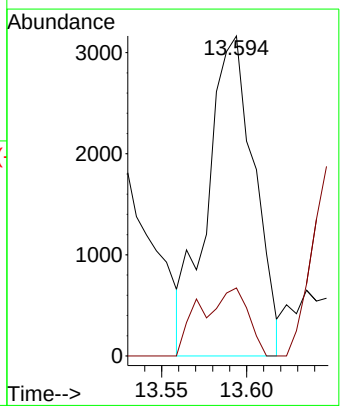


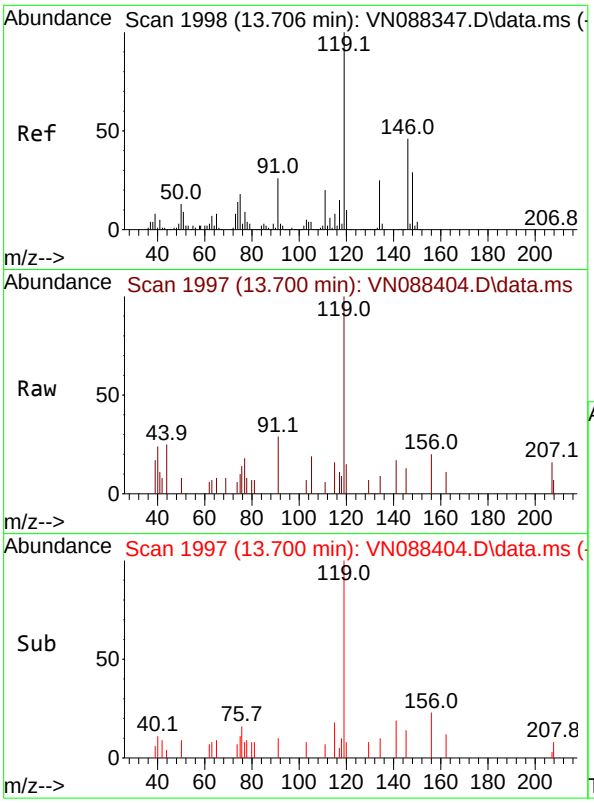


#85
sec-Butylbenzene
Concen: 0.337 ug/l m
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:105 Resp: 6083

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

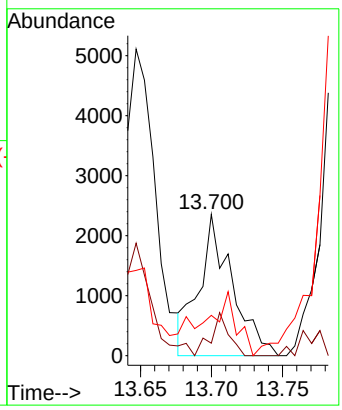




#86
p-Isopropyltoluene
Concen: 0.260 ug/l
RT: 13.700 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion:119 Resp: 384

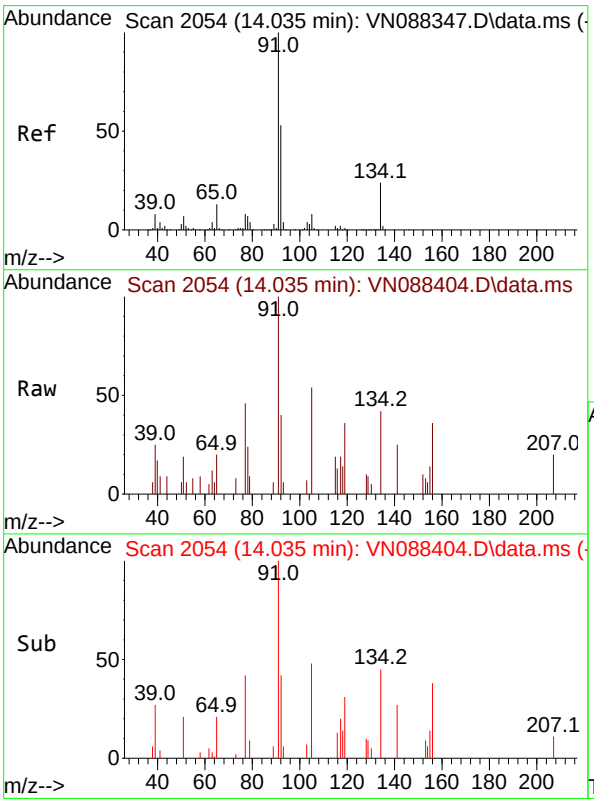
Ion	Ratio	Lower	Upper
119	100		
134	16.2	12.2	36.6
91	0.0	13.0	39.0#



Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Manual Integrations
APPROVED

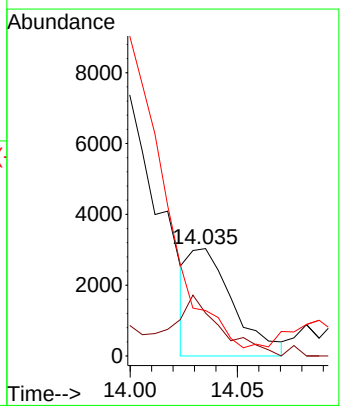
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#89
n-Butylbenzene
Concen: 0.305 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088404.D
Acq: 02 Dec 2025 12:55

Tgt Ion: 91 Resp: 4382

Ion	Ratio	Lower	Upper
91	100		
92	106.1	26.1	78.3#
134	0.0	11.7	35.1#



Raw Data: **VN088381.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW3			SDG No.:	Q3716
Lab Sample ID:	Q3716-02			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 14:33	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 14:33	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 14:33	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 14:33	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 14:33	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 14:33	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 14:33	VN120125
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/01/25 14:33	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 14:33	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 14:33	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 14:33	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 14:33	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 14:33	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 14:33	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 14:33	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 14:33	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 14:33	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 14:33	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 14:33	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 14:33	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 14:33	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 14:33	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 14:33	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 14:33	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 14:33	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 14:33	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 14:33	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 14:33	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 14:33	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 14:33	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 14:33	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 14:33	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 14:33	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 14:33	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 14:33	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 14:33	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 14:33	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 14:33	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 14:33	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 14:33	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 14:33	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 14:33	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 14:33	VN120125

Raw Data: **VN088381.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:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW3	SDG No.:	Q3716
Lab Sample ID:	Q3716-02	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 14:33	VN120125
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 14:33	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 14:33	VN120125
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	12/01/25 14:33	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 14:33	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 14:33	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 14:33	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 14:33	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 14:33	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 14:33	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.1			70 (74) - 130 (125)	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			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	56.1			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	207000							
540-36-3	1,4-Difluorobenzene	482000							
3114-55-4	Chlorobenzene-d5	474000							
3855-82-1	1,4-Dichlorobenzene-d4	234000							

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

Quant Time: Dec 02 00:14:50 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	207192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	481798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	474127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	238585	61.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.260%			
35) Dibromofluoromethane	8.147	113	174166	52.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.541	98	626801	50.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.829	95	239117	56.097	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.200%			
Target Compounds						Qvalue

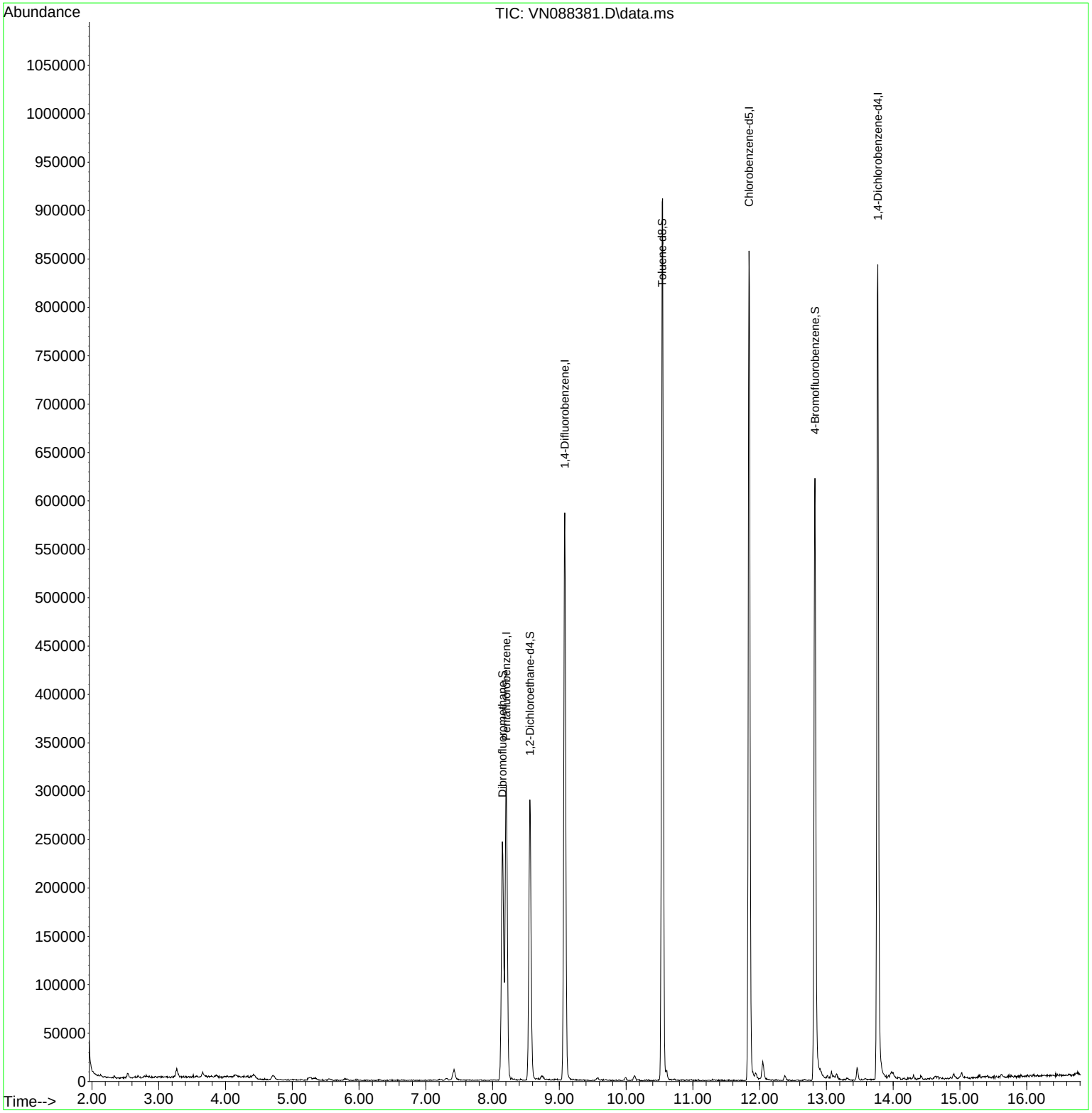
(#) = qualifier out of range (m) = manual integration (+) = signals summed

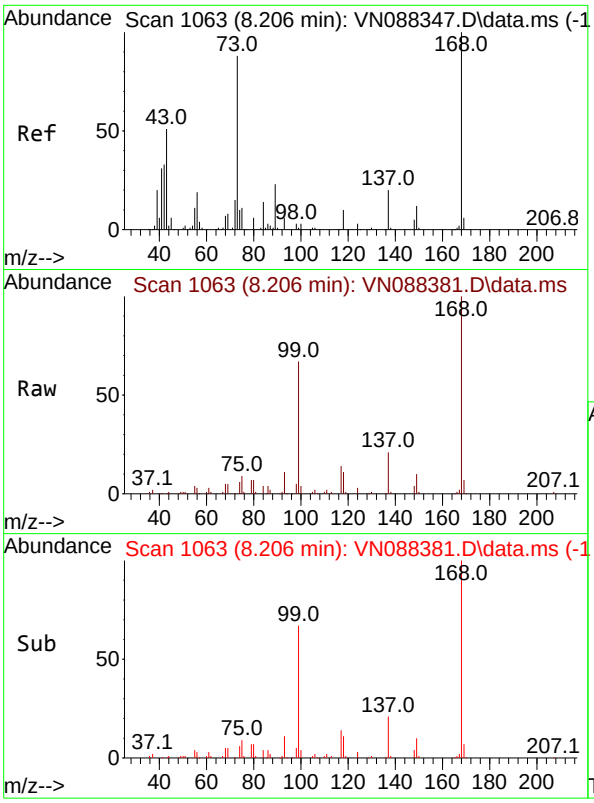
Sample Results: **VN088381.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

Quant Time: Dec 02 00:14:50 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



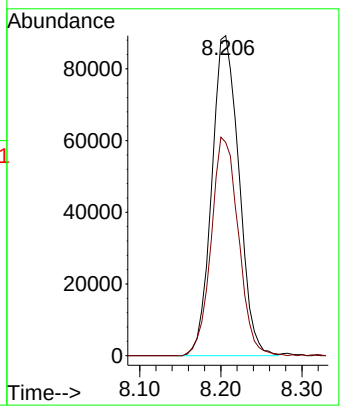


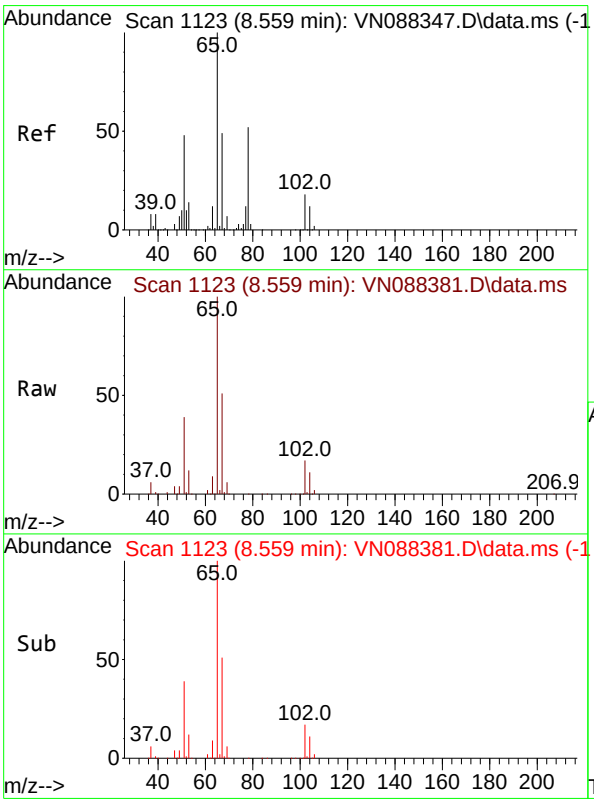
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:168 Resp: 207192

Ion	Ratio	Lower	Upper
168	100		
99	66.7	57.1	85.7

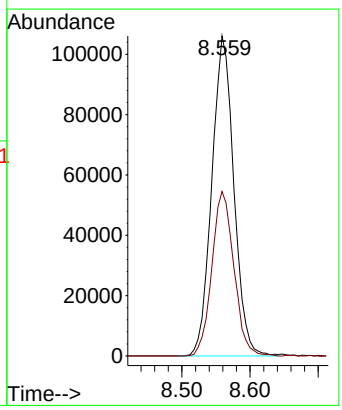


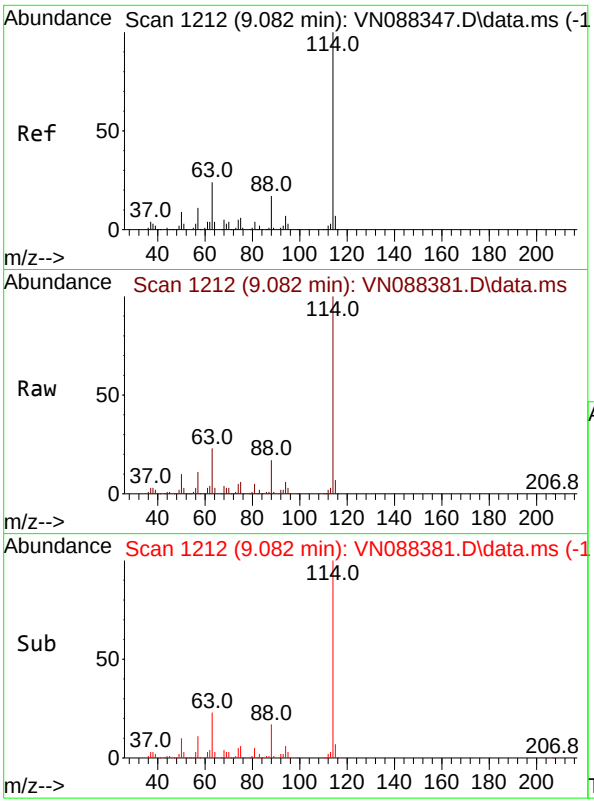


#33
1,2-Dichloroethane-d4
Concen: 61.127 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Tgt Ion: 65 Resp: 238585

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.8



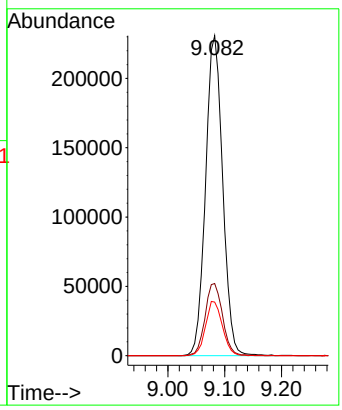


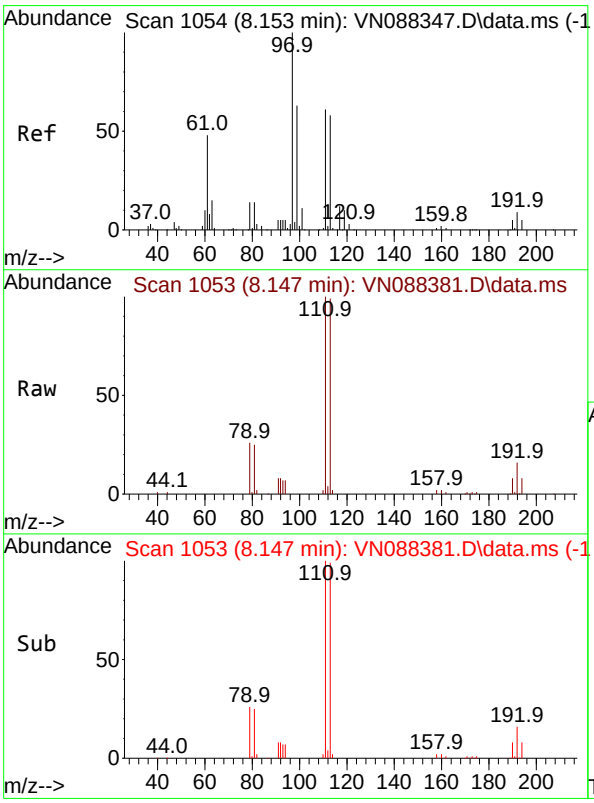
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:114 Resp: 481798

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	49.0
88	16.8	0.0	34.0

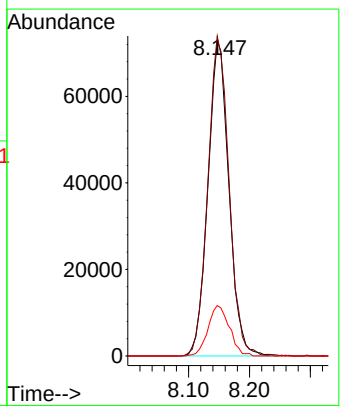


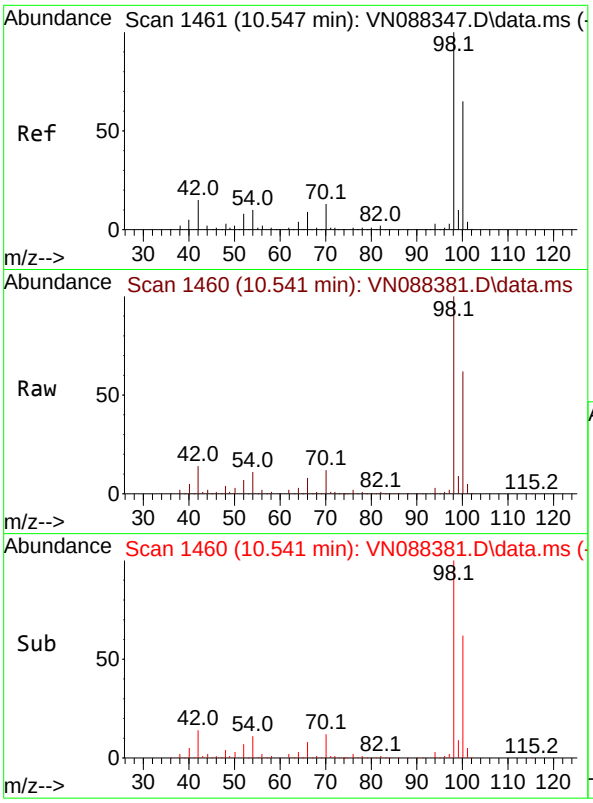


#35
Dibromofluoromethane
Concen: 52.164 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Tgt Ion:113 Resp: 174166

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	16.3	12.8	19.2



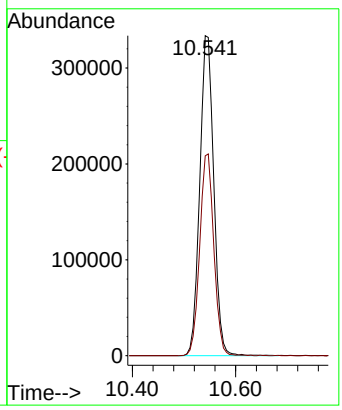


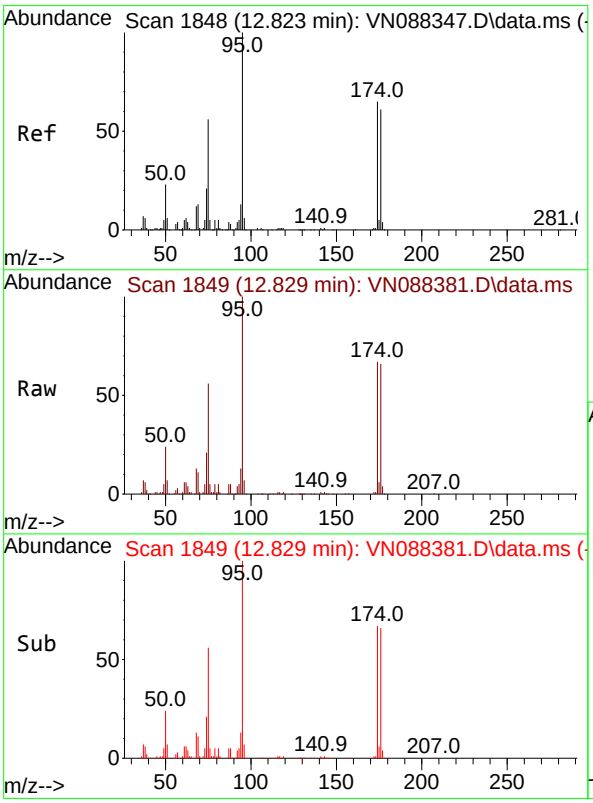
#50
Toluene-d8
Concen: 50.455 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion: 98 Resp: 626801

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.2	78.2

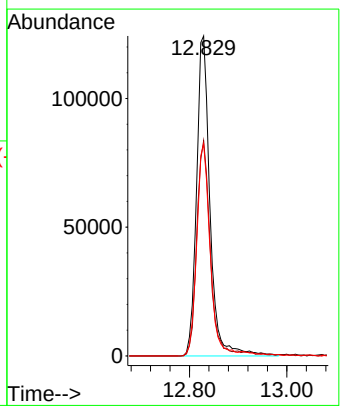


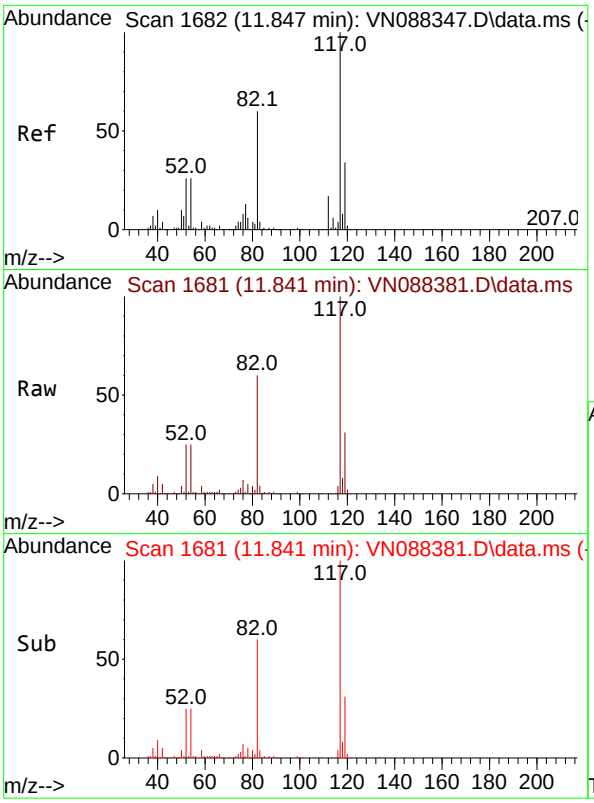


#62
4-Bromofluorobenzene
Concen: 56.097 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Tgt Ion: 95 Resp: 239117

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	139.0
176	65.6	0.0	132.4



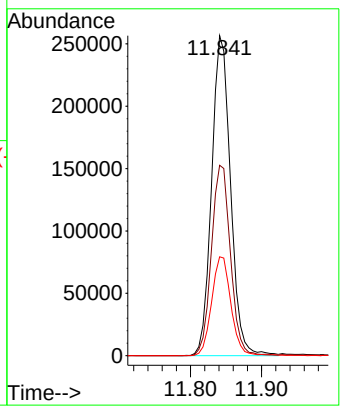


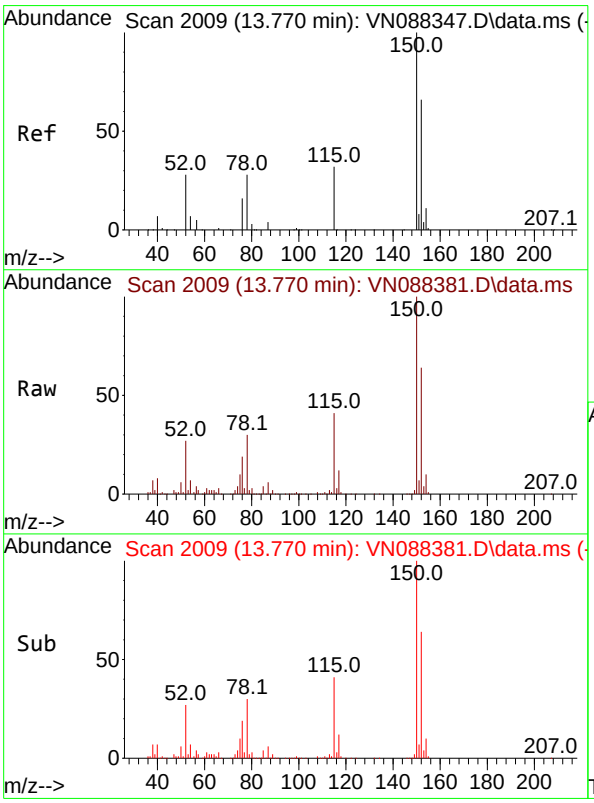
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tgt Ion:117 Resp: 474127

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.8	71.8
119	30.9	26.9	40.3

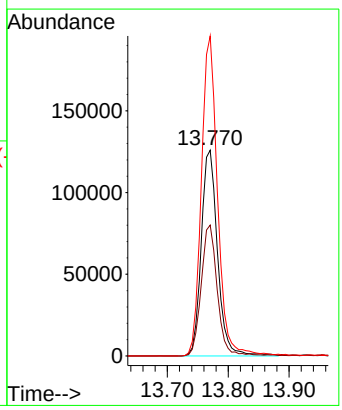




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088381.D
Acq: 01 Dec 2025 14:33

Tgt Ion:152 Resp: 234308

Ion	Ratio	Lower	Upper
152	100		
115	62.6	33.0	98.9
150	154.8	0.0	349.0



Sample Results: **VN088381.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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: VN088381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.271	219	224	231	rVB3	8837	17795	1.03%	0.190%
2	7.424	920	930	937	rBV2	10800	27692	1.61%	0.295%
3	8.147	1043	1053	1058	rBV	246665	590396	34.27%	6.294%
4	8.206	1058	1063	1074	rVB	304619	696563	40.43%	7.425%
5	8.559	1113	1123	1137	rBV	289891	666002	38.66%	7.100%
6	9.082	1202	1212	1227	rBV	586282	1219221	70.77%	12.997%
7	10.547	1451	1461	1469	rBV	911382	1722874	100.00%	18.366%
8	11.841	1672	1681	1694	rBV	857215	1588661	92.21%	16.935%
9	12.047	1709	1716	1725	rVB2	18433	38575	2.24%	0.411%
10	12.829	1840	1849	1875	rBV	622375	1218885	70.75%	12.993%
11	13.459	1950	1956	1966	rBV2	13139	24211	1.41%	0.258%
12	13.770	2001	2009	2028	rBV	841942	1569894	91.12%	16.735%

Sum of corrected areas: 9380769

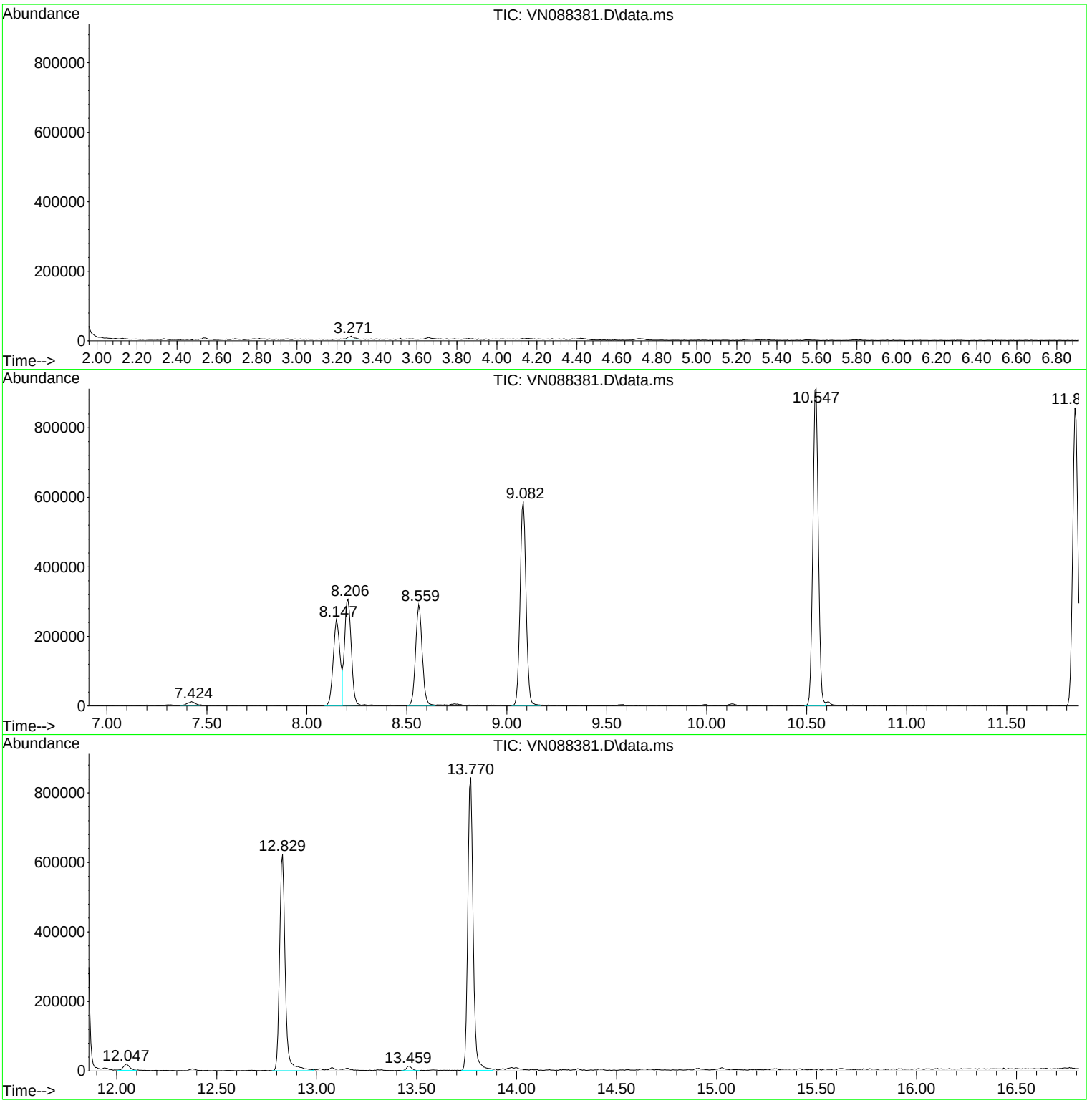
Sample Results: **VN088381.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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: **VN088381.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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 : VN088381.D
Acq On : 01 Dec 2025 14:33
Operator : JC\MD
Sample : Q3716-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3

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

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

Raw Data: **VN088406.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW4			SDG No.:	Q3716
Lab Sample ID:	Q3716-03			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	12/02/25 13:36	VN120225
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/02/25 13:36	VN120225
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/02/25 13:36	VN120225
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/02/25 13:36	VN120225
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/02/25 13:36	VN120225
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/02/25 13:36	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/02/25 13:36	VN120225
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/02/25 13:36	VN120225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 13:36	VN120225
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/02/25 13:36	VN120225
75-15-0	Carbon Disulfide	1.80		1	0.21	1.00	ug/L	12/02/25 13:36	VN120225
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/02/25 13:36	VN120225
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/02/25 13:36	VN120225
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/02/25 13:36	VN120225
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 13:36	VN120225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/02/25 13:36	VN120225
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/02/25 13:36	VN120225
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/02/25 13:36	VN120225
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/02/25 13:36	VN120225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/02/25 13:36	VN120225
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 13:36	VN120225
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/02/25 13:36	VN120225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/02/25 13:36	VN120225
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/02/25 13:36	VN120225
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/02/25 13:36	VN120225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 13:36	VN120225
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/02/25 13:36	VN120225
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/02/25 13:36	VN120225
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/02/25 13:36	VN120225
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/02/25 13:36	VN120225
108-88-3	Toluene	0.86	J	1	0.14	1.00	ug/L	12/02/25 13:36	VN120225
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/02/25 13:36	VN120225
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/02/25 13:36	VN120225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/02/25 13:36	VN120225
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/02/25 13:36	VN120225
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/02/25 13:36	VN120225
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/02/25 13:36	VN120225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/02/25 13:36	VN120225
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/02/25 13:36	VN120225
100-41-4	Ethyl Benzene	0.25	J	1	0.13	1.00	ug/L	12/02/25 13:36	VN120225
179601-23-1	m/p-Xylenes	0.33	J	1	0.24	2.00	ug/L	12/02/25 13:36	VN120225
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/02/25 13:36	VN120225
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/02/25 13:36	VN120225

Raw Data: **VN088406.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:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW4	SDG No.:	Q3716
Lab Sample ID:	Q3716-03	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	12/02/25 13:36	VN120225
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/02/25 13:36	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/02/25 13:36	VN120225
95-63-6	1,2,4-Trimethylbenzene	0.33	J	1	0.14	1.00	ug/L	12/02/25 13:36	VN120225
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/02/25 13:36	VN120225
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/02/25 13:36	VN120225
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/02/25 13:36	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/02/25 13:36	VN120225
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/02/25 13:36	VN120225
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/02/25 13:36	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.3			70 (74) - 130 (125)	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	50.3			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.7			70 (77) - 130 (121)	105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	172000							
540-36-3	1,4-Difluorobenzene	395000							
3114-55-4	Chlorobenzene-d5	393000							
3855-82-1	1,4-Dichlorobenzene-d4	184000							
TENTATIVE IDENTIFIED COMPOUNDS									
000096-14-0	Pentane, 3-methyl-	10.4	J			5.81	ug/L		
000565-59-3	Pentane, 2,3-dimethyl-	14.9	J			8.31	ug/L		
000565-75-3	Pentane, 2,3,4-trimethyl-	36.5	J			9.99	ug/L		
135-98-8	sec-Butylbenzene	0.51	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	0.49	J			13.7	ug/L		
104-51-8	n-Butylbenzene	0.52	J			14.0	ug/L		
000527-84-4	o-Cymene	6.30	J			14.3	ug/L		
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	5.90	J			14.6	ug/L		
004489-84-3	Benzene, (3-methyl-2-butenyl)-	13.1	J			15.3	ug/L		
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	9.70	J			15.4	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

Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations APPROVED

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

Quant Time: Dec 03 01:28:49 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	171507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	394843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	184143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191658	59.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.640%			
35) Dibromofluoromethane	8.147	113	141786	51.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	10.541	98	512041	50.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.823	95	183923	52.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.300%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.730	76	12590	1.841	ug/l	97
52) Toluene	10.606	92	6149	0.859	ug/l	91
67) Ethyl Benzene	11.947	91	3817	0.248	ug/l #	68
68) m/p-Xylenes	12.059	106	1895	0.332	ug/l	90
84) 1,2,4-Trimethylbenzene	13.465	105	3729	0.333	ug/l	95
85) sec-Butylbenzene	13.594	105	6972	0.506	ug/l #	58
86) p-Isopropyltoluene	13.706	119	5574	0.493	ug/l	96
89) n-Butylbenzene	14.023	91	5663m	0.516	ug/l	

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

Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 03 01:28:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
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Instrument :
MSVOA_N
ClientSampleId :
MW4

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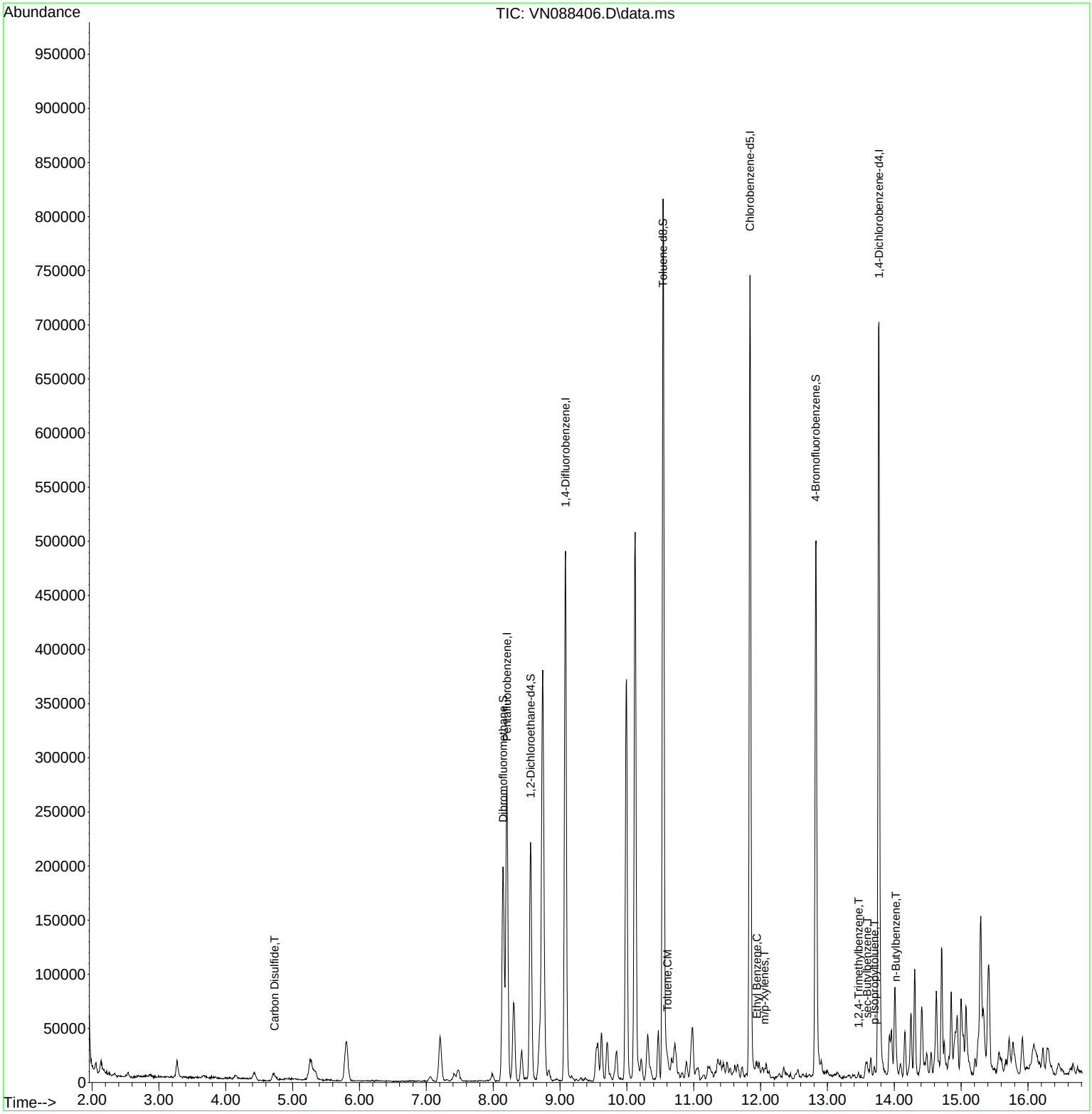

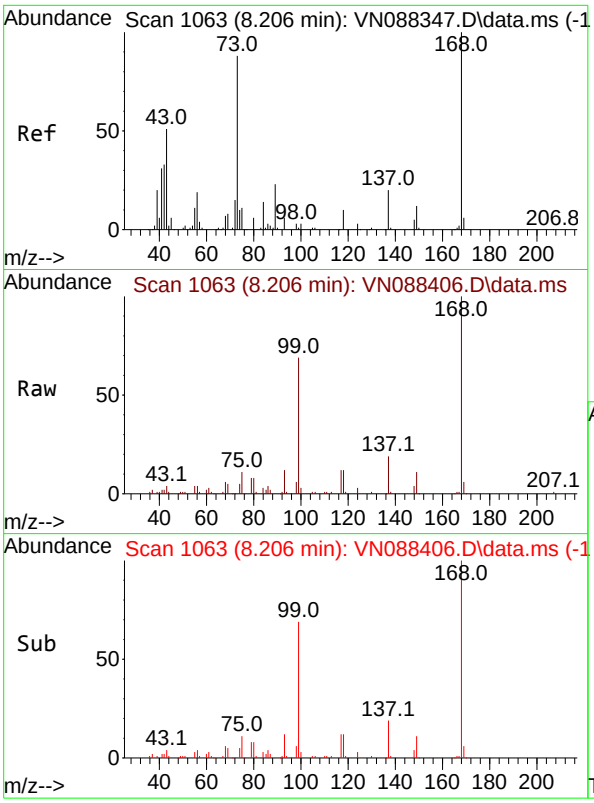

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:168 Resp: 17150

Ion	Ratio	Lower	Upper
168	100		
99	69.0	57.1	85.7

Instrument :
MSVOA_N
ClientSampleId :
MW4

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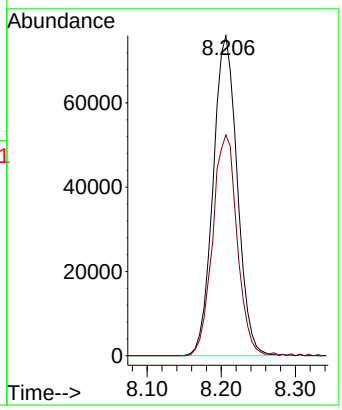
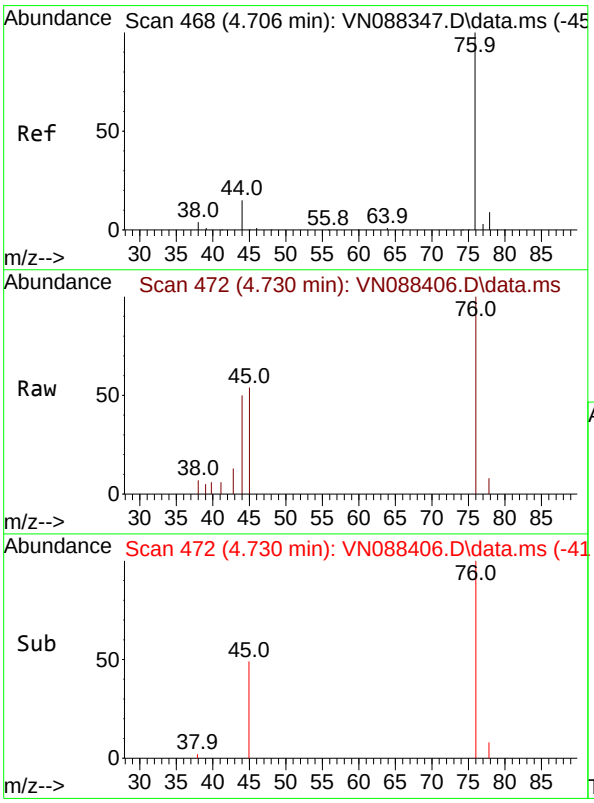
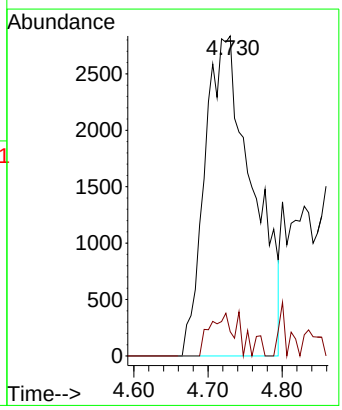


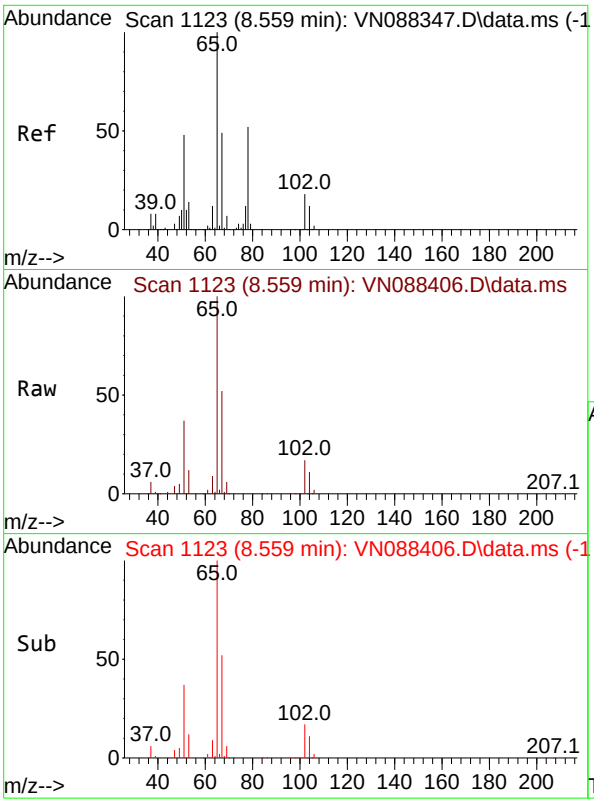


#17
Carbon Disulfide
Concen: 1.841 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.024 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 76 Resp: 12590

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.0	10.4

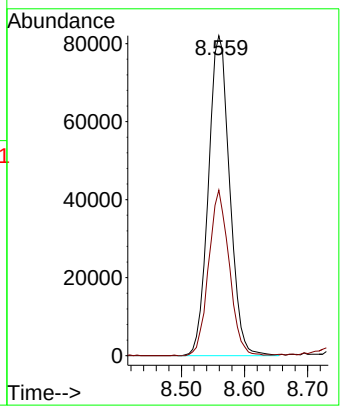




#33
1,2-Dichloroethane-d4
Concen: 59.321 ug/l
RT: 8.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 65 Resp: 19165

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	100.8



Instrument :
MSVOA_N
ClientSampleId :
MW4

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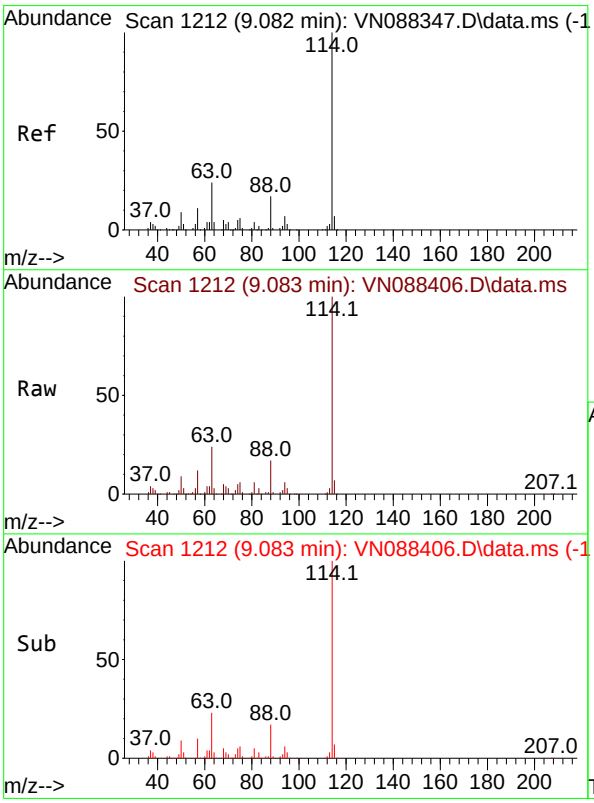
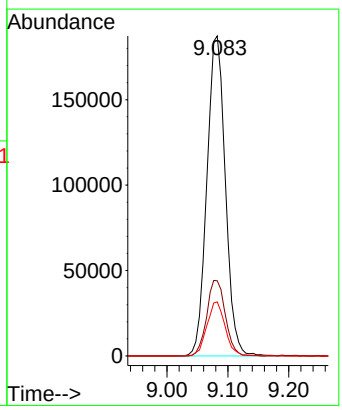
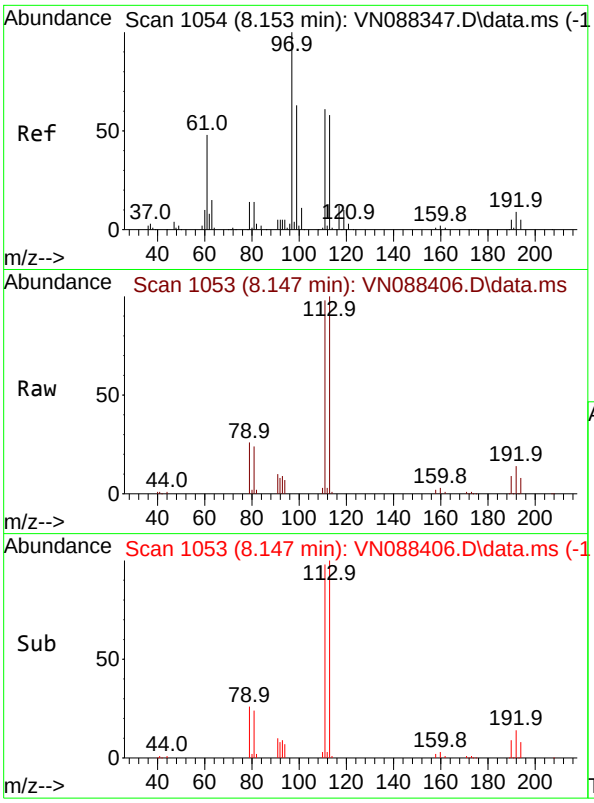


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:114 Resp: 394843

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.0
88	16.9	0.0	34.0

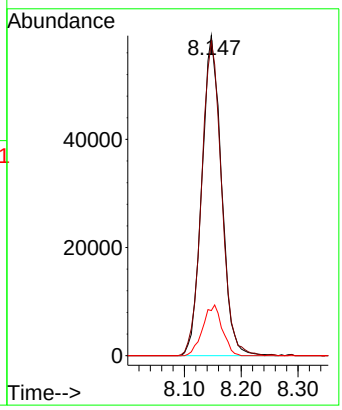




#35
Dibromofluoromethane
Concen: 51.818 ug/l
RT: 8.147 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:113 Resp: 14178(

Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.5	123.7
192	15.7	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW4

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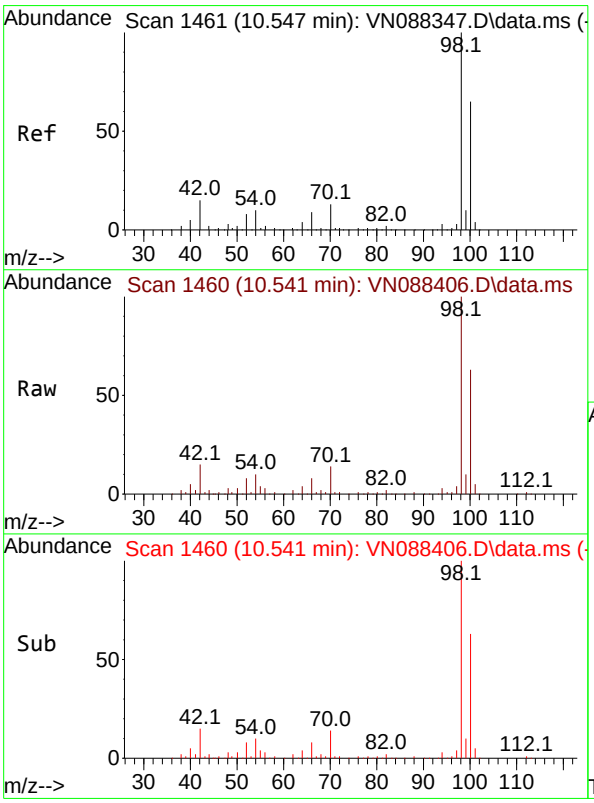
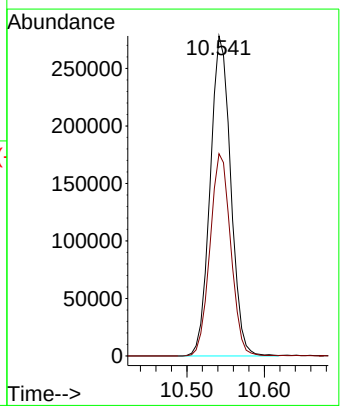
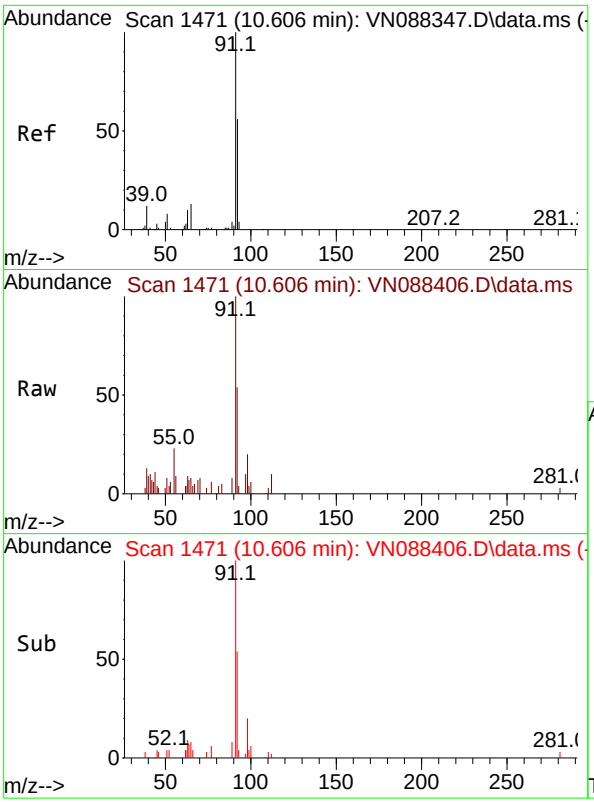


#50
Toluene-d8
Concen: 50.294 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 98 Resp: 512041

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.2





#52
Toluene
Concen: 0.859 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 92 Resp: 614

Ion	Ratio	Lower	Upper
92	100		
91	187.5	140.2	210.2

Instrument :
MSVOA_N
ClientSampleId :
MW4

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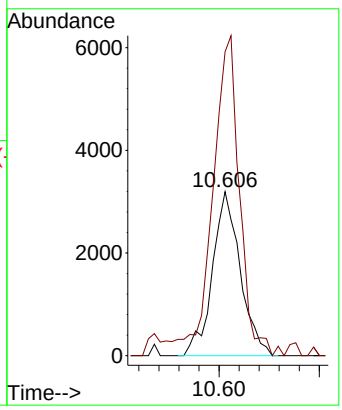
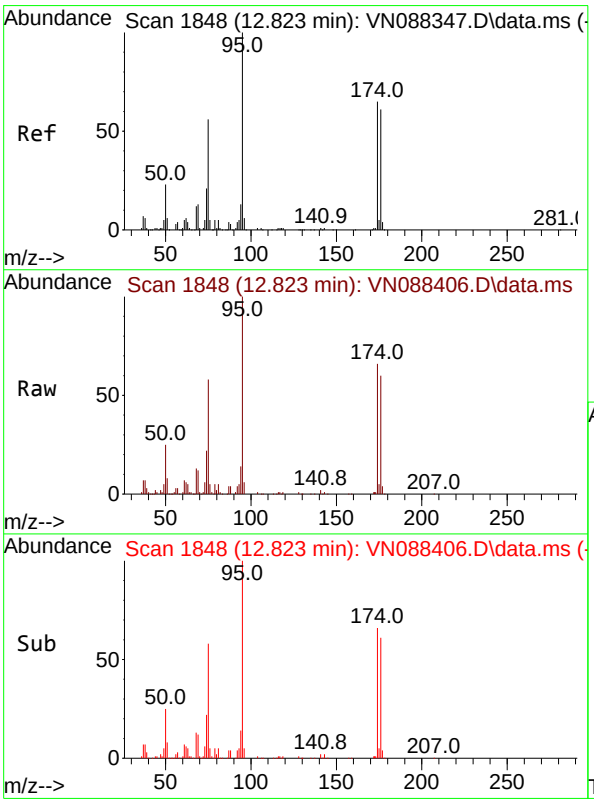
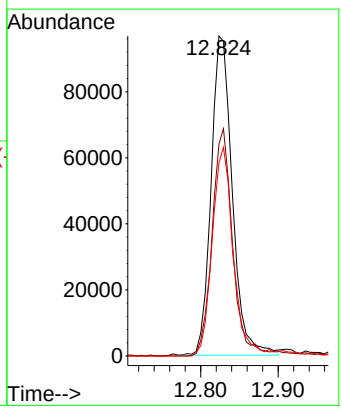


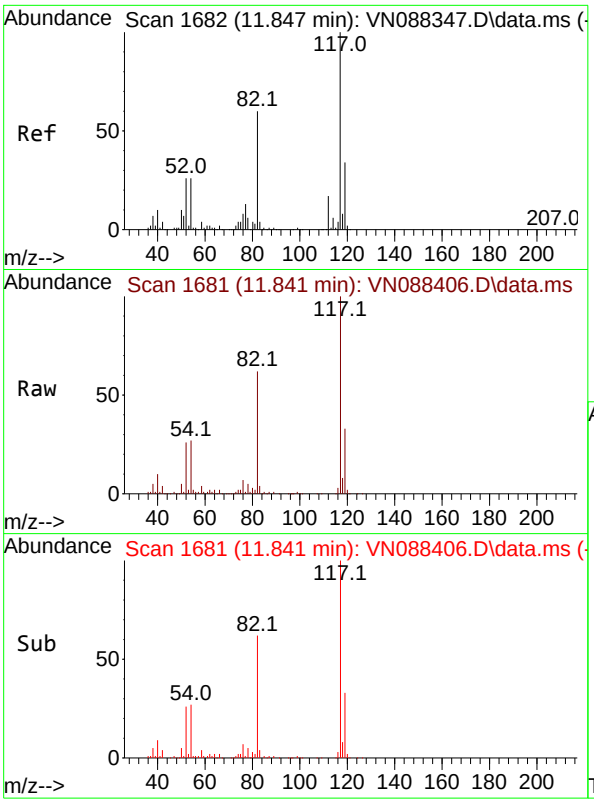


#62
4-Bromofluorobenzene
Concen: 52.651 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 95 Resp: 183923

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	139.0
176	64.8	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: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:117 Resp: 39257

Ion	Ratio	Lower	Upper
117	100		
82	62.2	47.8	71.8
119	32.8	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW4

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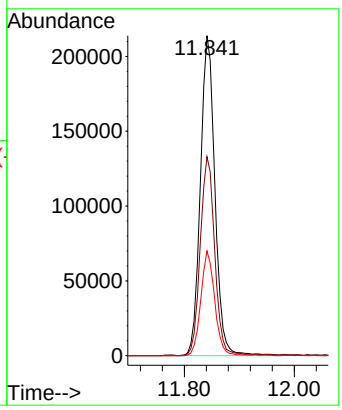
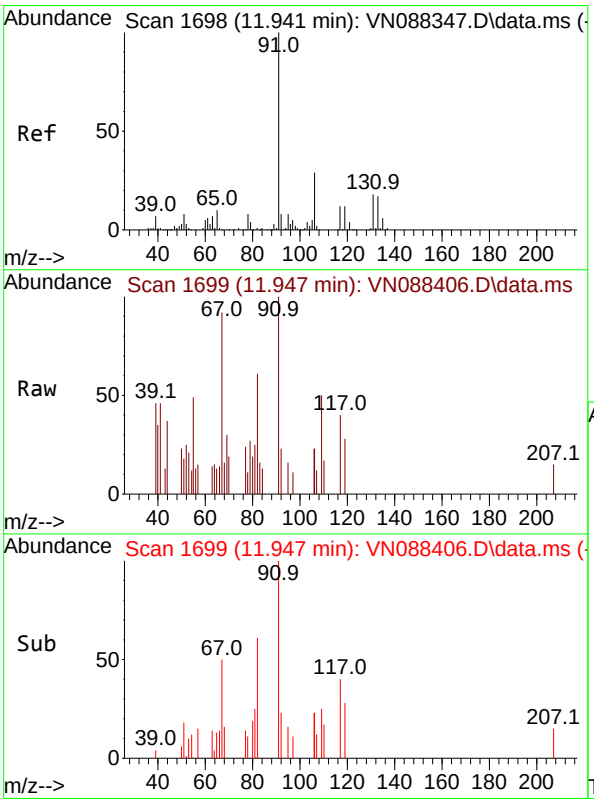
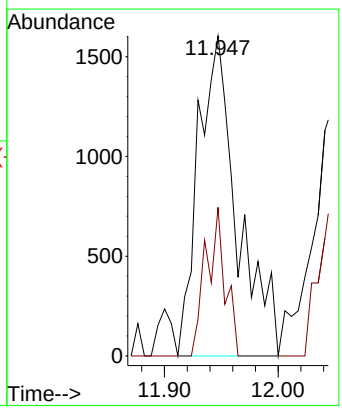


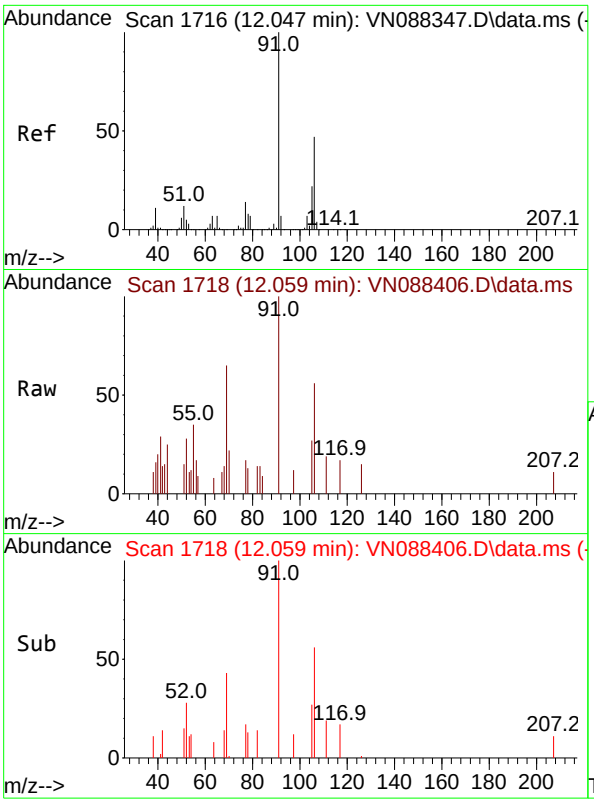


#67
Ethyl Benzene
Concen: 0.248 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 91 Resp: 3817

Ion	Ratio	Lower	Upper
91	100		
106	46.4	23.6	35.4#





#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 12.059 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:106 Resp: 189

Ion	Ratio	Lower	Upper
106	100		
91	225.1	167.8	251.6

Instrument :
MSVOA_N
ClientSampleId :
MW4

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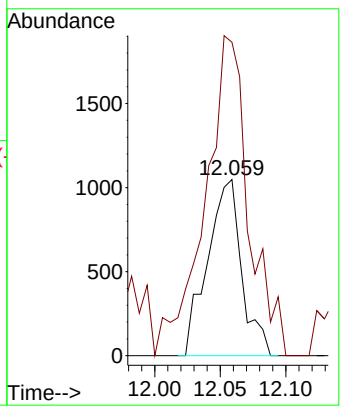
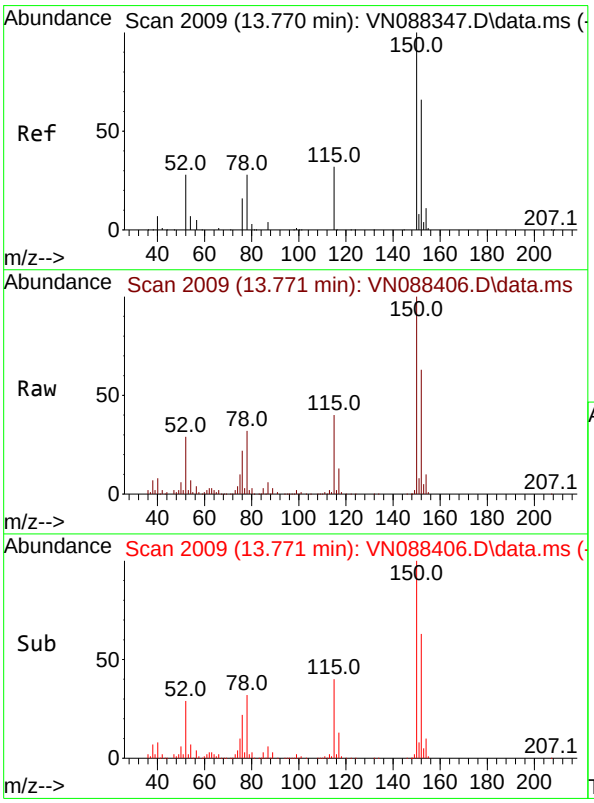
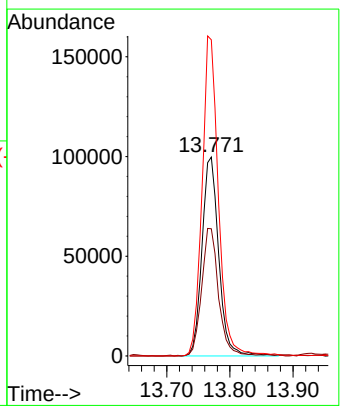


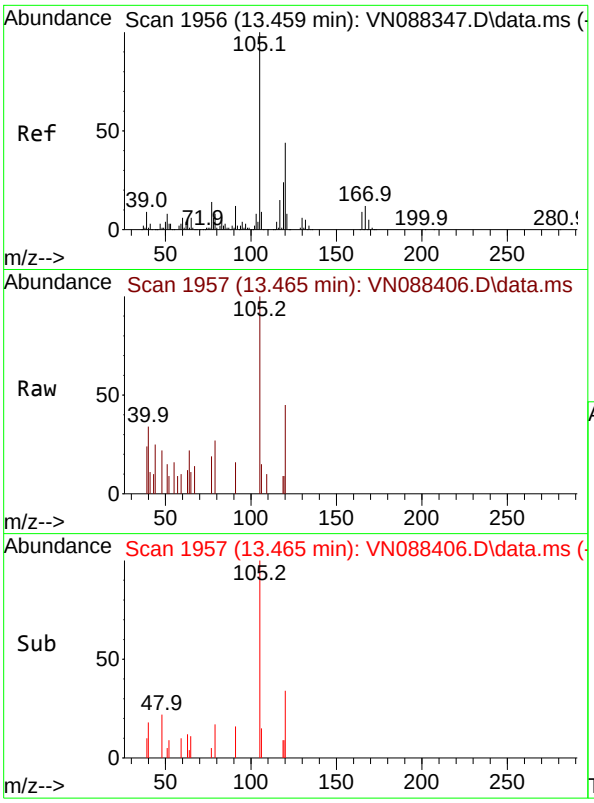


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:152 Resp: 184143

Ion	Ratio	Lower	Upper
152	100		
115	64.4	33.0	98.9
150	157.2	0.0	349.0





#84
1,2,4-Trimethylbenzene
Concen: 0.333 ug/l
RT: 13.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:105 Resp: 372

Ion	Ratio	Lower	Upper
105	100		
120	40.7	22.1	66.1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
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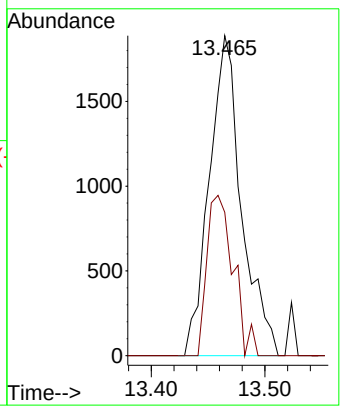
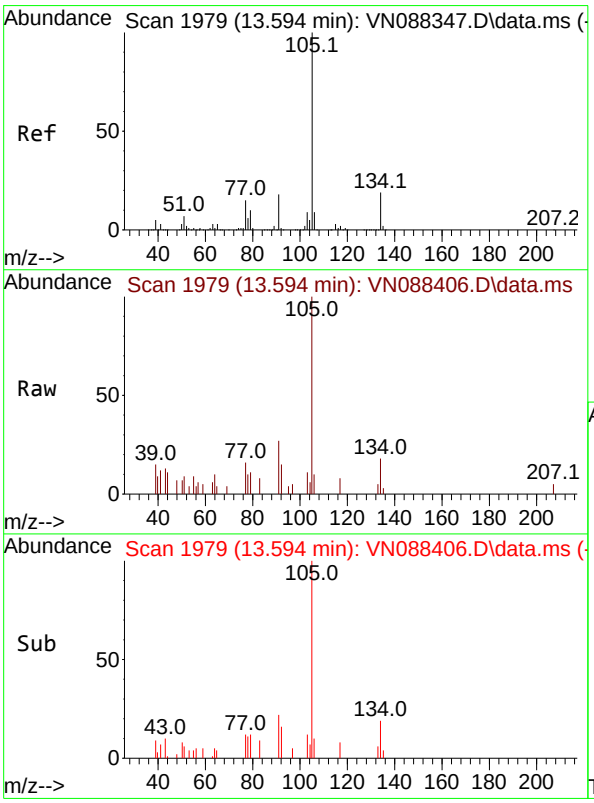
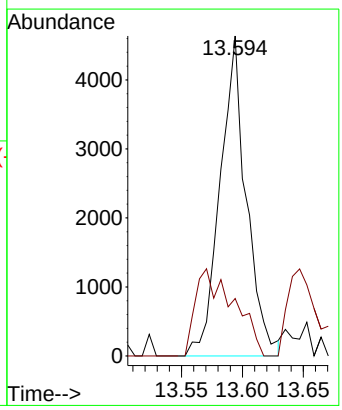


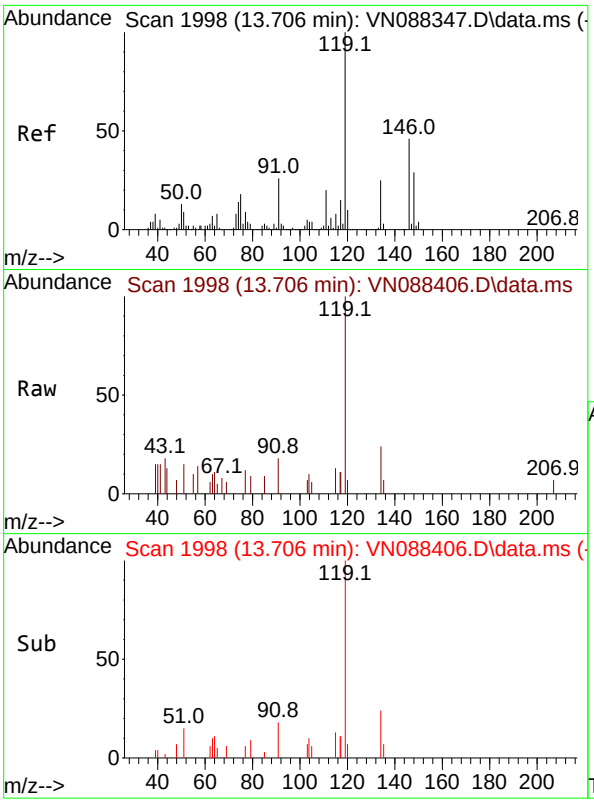


#85
sec-Butylbenzene
Concen: 0.506 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:105 Resp: 6972

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

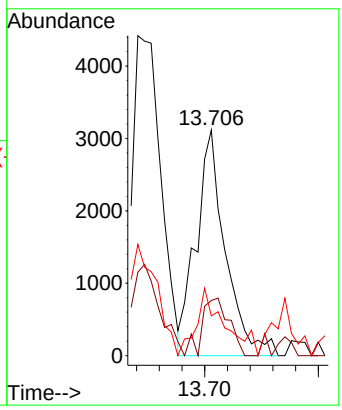




#86
p-Isopropyltoluene
Concen: 0.493 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion:119 Resp: 557

Ion	Ratio	Lower	Upper
119	100		
134	23.6	12.2	36.6
91	28.7	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
MW4

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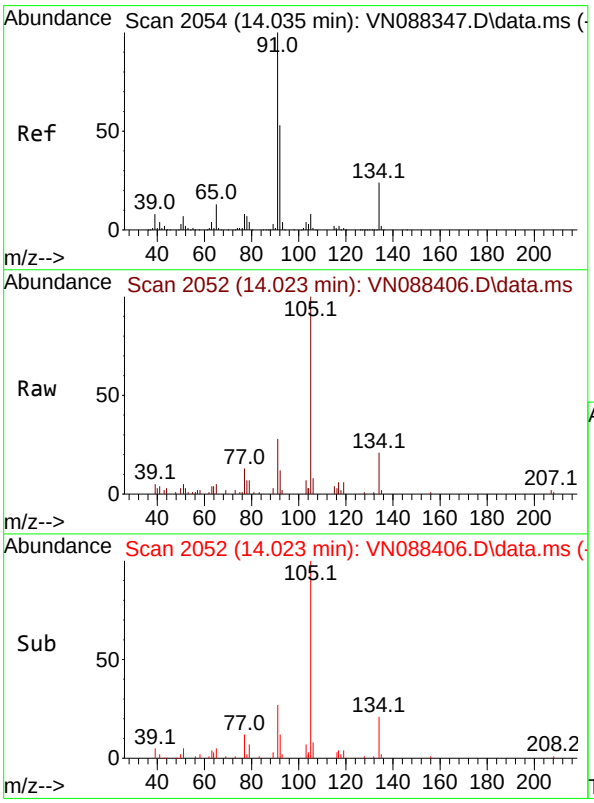
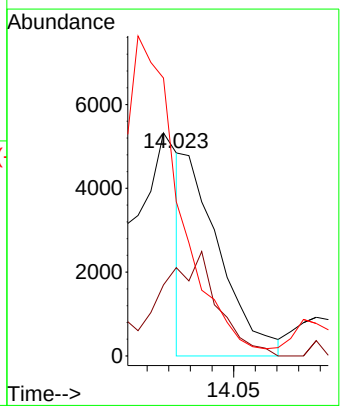


#89
n-Butylbenzene
Concen: 0.516 ug/l m
RT: 14.023 min Scan# 2052
Delta R.T. -0.012 min
Lab File: VN088406.D
Acq: 02 Dec 2025 13:36

Tgt Ion: 91 Resp: 5663

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.1	78.3#
134	238.4	11.7	35.1#



Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 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: VN088406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.136	26	31	37	rBV	10455	19648	1.24%	0.130%
2	3.271	214	224	234	rBV3	15989	36242	2.29%	0.240%
3	4.424	412	420	432	rVB6	8013	26518	1.67%	0.176%
4	5.259	553	562	564	rBV2	18888	38953	2.46%	0.258%
5	5.806	639	655	666	rBV4	36349	126444	7.98%	0.837%
6	7.206	882	893	903	rBV3	41651	120523	7.60%	0.798%
7	7.412	917	928	934	rBV	7237	21735	1.37%	0.144%
8	7.477	934	939	944	rVB6	7982	20632	1.30%	0.137%
9	7.983	1019	1025	1034	rVB3	7565	17834	1.12%	0.118%
10	8.147	1043	1053	1058	rBV2	197913	483701	30.51%	3.203%
11	8.206	1058	1063	1072	rVV2	272344	609723	38.46%	4.037%
12	8.306	1072	1080	1090	rVB2	72017	181837	11.47%	1.204%
13	8.430	1092	1101	1107	rBV3	28159	64245	4.05%	0.425%
14	8.559	1114	1123	1136	rVV	219269	506753	31.96%	3.355%
15	8.741	1138	1154	1166	rVV	379226	1071274	67.57%	7.093%
16	8.836	1166	1170	1179	rVB7	10033	21920	1.38%	0.145%
17	9.083	1203	1212	1224	rBV	489453	1034956	65.28%	6.853%
18	9.547	1282	1291	1292	rBV4	31536	57954	3.66%	0.384%
19	9.618	1298	1303	1310	rVB2	41618	83873	5.29%	0.555%
20	9.706	1312	1318	1323	rVV2	33194	70534	4.45%	0.467%
21	9.847	1331	1342	1350	rBV4	26351	64754	4.08%	0.429%
22	9.994	1358	1367	1378	rBV	369836	755936	47.68%	5.005%
23	10.124	1378	1389	1401	rVV	505675	1063746	67.10%	7.043%
24	10.212	1401	1404	1412	rVB6	19551	37920	2.39%	0.251%
25	10.312	1412	1421	1434	rBV2	42611	122417	7.72%	0.811%
26	10.471	1440	1448	1453	rBV2	45331	82218	5.19%	0.544%
27	10.541	1453	1460	1478	rVV	812081	1585347	100.00%	10.497%
28	10.671	1478	1482	1485	rVV5	15343	28370	1.79%	0.188%
29	10.718	1485	1490	1497	rVB7	27693	70315	4.44%	0.466%
30	10.888	1514	1519	1525	rBV6	14892	29065	1.83%	0.192%
31	10.982	1525	1535	1541	rBV6	45754	116577	7.35%	0.772%
32	11.212	1568	1574	1576	rBV4	11761	19063	1.20%	0.126%
33	11.359	1595	1599	1604	rBV5	12009	25468	1.61%	0.169%
34	11.441	1609	1613	1618	rVV8	9951	17781	1.12%	0.118%
35	11.494	1618	1622	1627	rVV8	10800	19323	1.22%	0.128%
36	11.612	1635	1642	1646	rBV7	9313	17600	1.11%	0.117%

Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 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	11.653	1646	1649	1656	rVB5	12109	24618	1.55%	0.163%
38	11.729	1656	1662	1668	rBV3	9580	19249	1.21%	0.127%
39	11.841	1674	1681	1693	rBV	739084	1358183	85.67%	8.993%
40	11.935	1694	1697	1702	rVV6	10947	22048	1.39%	0.146%
41	12.347	1762	1767	1771	rBV4	9628	17849	1.13%	0.118%
42	12.829	1841	1849	1859	rBV	494290	942924	59.48%	6.243%
43	12.906	1860	1862	1869	rVB6	12862	18935	1.19%	0.125%
44	13.576	1970	1976	1978	rBV2	14709	26054	1.64%	0.173%
45	13.647	1984	1988	1993	rVB2	15954	23583	1.49%	0.156%
46	13.771	2002	2009	2023	rVB	693577	1268102	79.99%	8.396%
47	13.929	2029	2036	2038	rBV2	36682	62945	3.97%	0.417%
48	13.959	2038	2041	2045	rVV	40583	65847	4.15%	0.436%
49	14.012	2045	2050	2059	rVB2	80149	156601	9.88%	1.037%
50	14.094	2059	2064	2069	rVB8	12194	23725	1.50%	0.157%
51	14.159	2069	2075	2081	rBV2	41354	75233	4.75%	0.498%
52	14.247	2081	2090	2095	rBV	56925	107193	6.76%	0.710%
53	14.306	2095	2100	2107	rVB	97218	159344	10.05%	1.055%
54	14.412	2110	2118	2124	rBV5	62975	135212	8.53%	0.895%
55	14.482	2127	2130	2136	rVB6	18517	30787	1.94%	0.204%
56	14.547	2136	2141	2146	rVB3	19008	29840	1.88%	0.198%
57	14.629	2146	2155	2160	rBV2	75611	149590	9.44%	0.990%
58	14.706	2163	2168	2173	rVV	109224	173508	10.94%	1.149%
59	14.747	2173	2175	2179	rVV2	22262	25896	1.63%	0.171%
60	14.853	2188	2193	2197	rVV3	66909	103157	6.51%	0.683%
61	14.912	2197	2203	2204	rVV5	29540	49706	3.14%	0.329%
62	14.941	2205	2208	2213	rVB3	49269	76967	4.85%	0.510%
63	15.000	2213	2218	2223	rBV2	64432	134170	8.46%	0.888%
64	15.070	2226	2230	2238	rVB	51286	91603	5.78%	0.607%
65	15.206	2249	2253	2256	rBV4	14666	24402	1.54%	0.162%
66	15.294	2256	2268	2272	rBV2	138799	331999	20.94%	2.198%
67	15.412	2281	2288	2301	rVB4	97064	244774	15.44%	1.621%
68	15.570	2308	2315	2320	rBV9	18466	51410	3.24%	0.340%
69	15.717	2335	2340	2345	rVV4	29643	63041	3.98%	0.417%
70	15.776	2345	2350	2365	rVB7	29456	90113	5.68%	0.597%
71	15.917	2367	2374	2381	rBV4	32808	73225	4.62%	0.485%
72	16.088	2396	2403	2407	rBV7	17499	45733	2.88%	0.303%
73	16.223	2420	2426	2432	rVB6	18511	33887	2.14%	0.224%
74	16.288	2432	2437	2446	rBV4	18745	53738	3.39%	0.356%
75	16.459	2459	2466	2472	rBV10	10315	29815	1.88%	0.197%
76	16.676	2500	2503	2510	rVB8	9824	16976	1.07%	0.112%

Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 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

Sum of corrected areas: 15103181

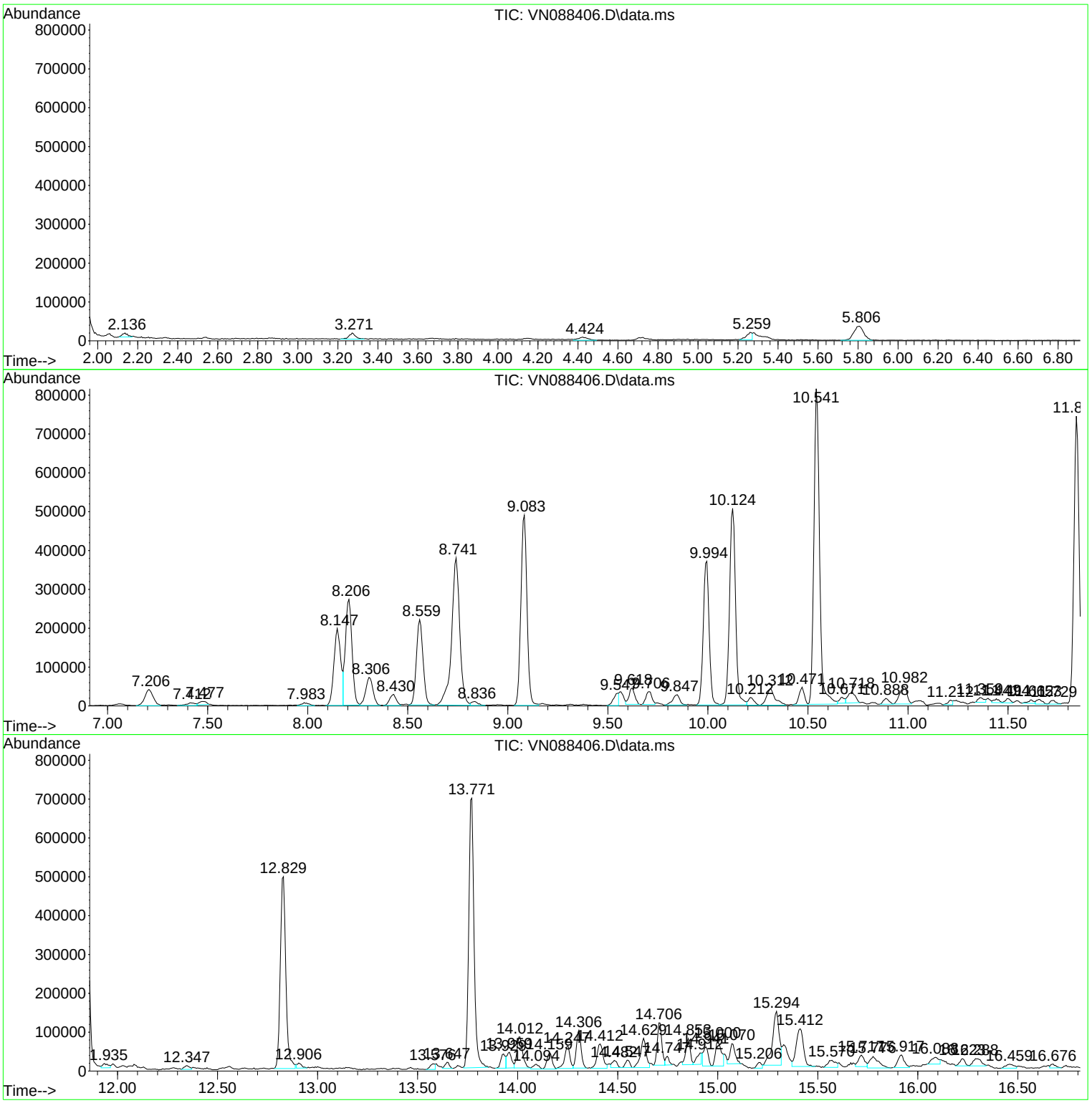
Sample Results: **VN088406.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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

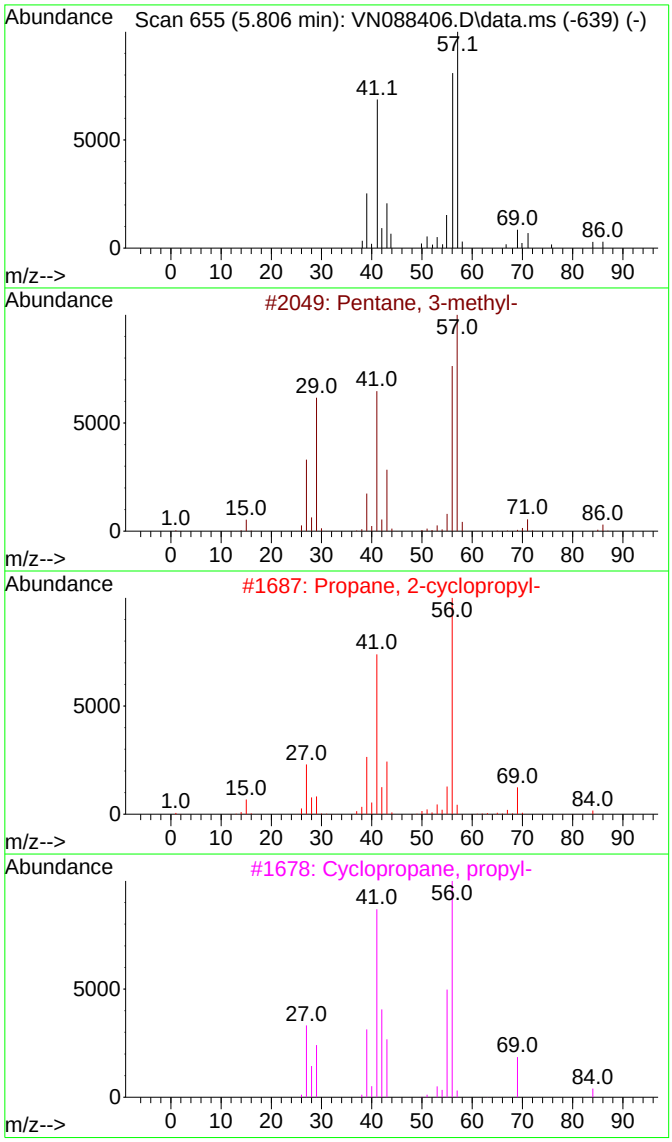
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

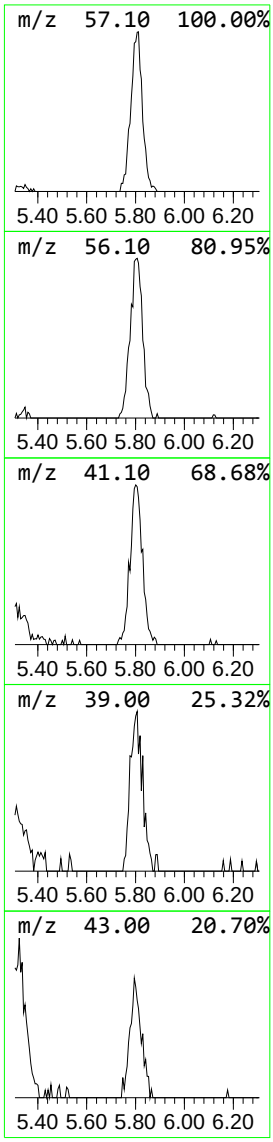
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.806	10.37 ug/l	126444	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	50
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

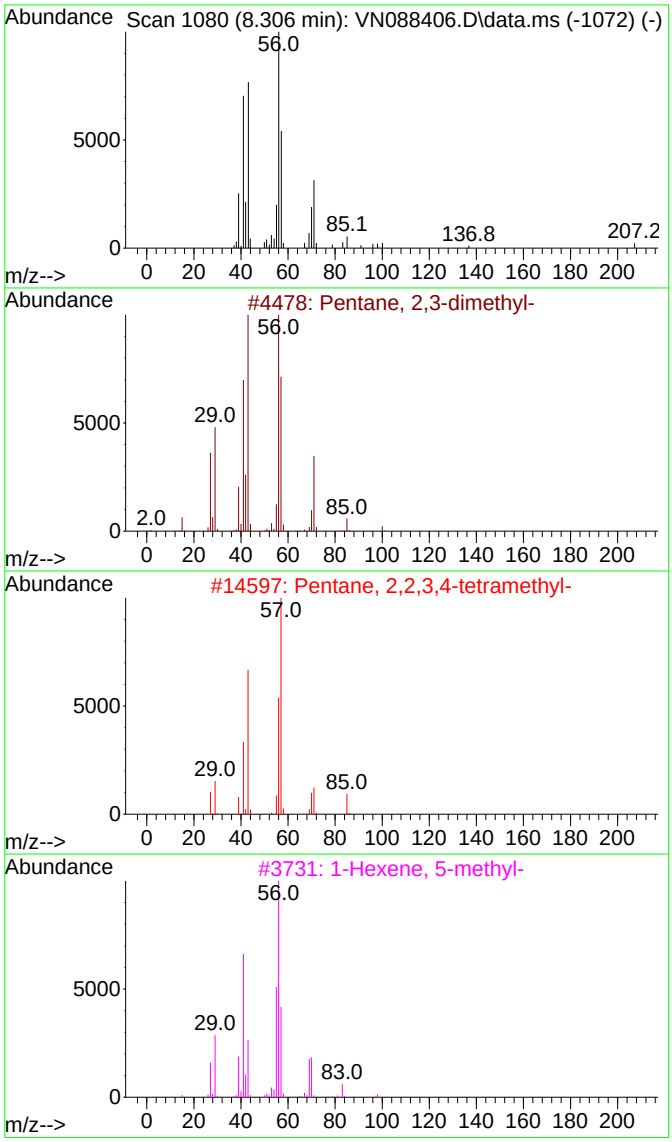
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

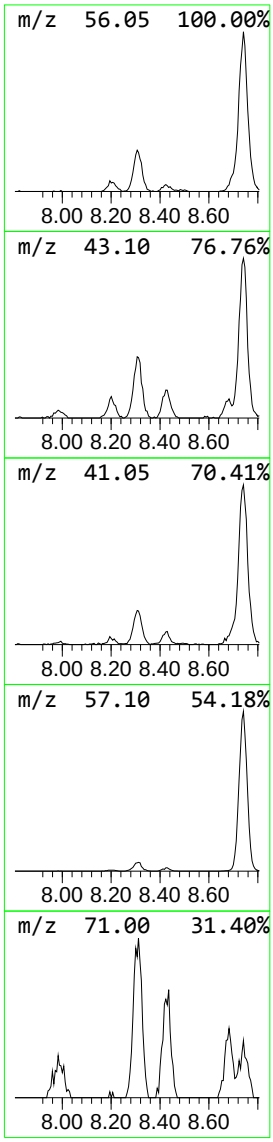
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	14.91 ug/l	181837	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	49
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

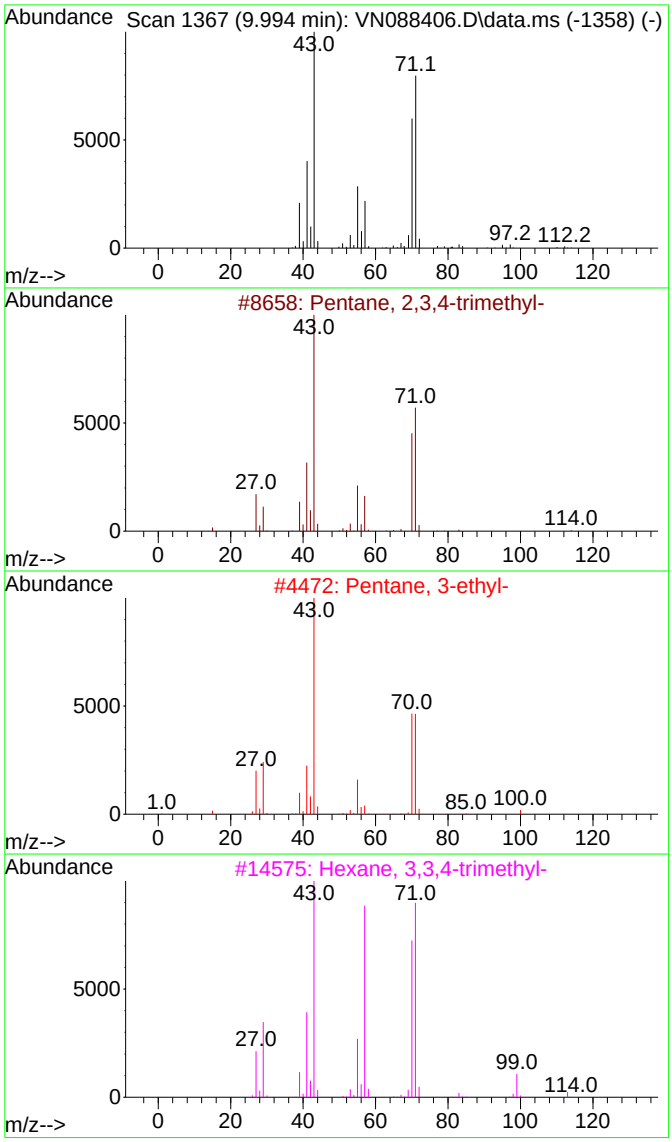
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

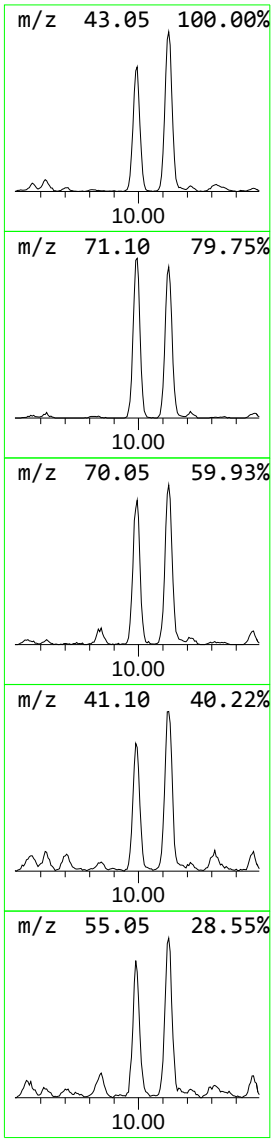
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	36.52 ug/l	755936	1,4-Difluorobenzene	9.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

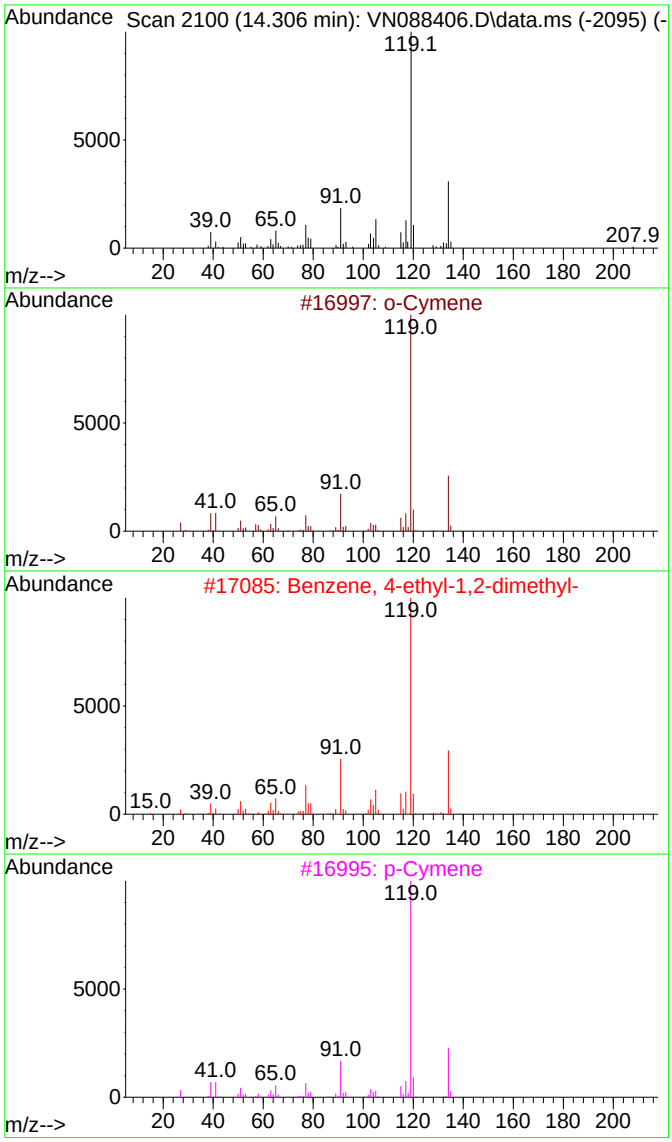
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

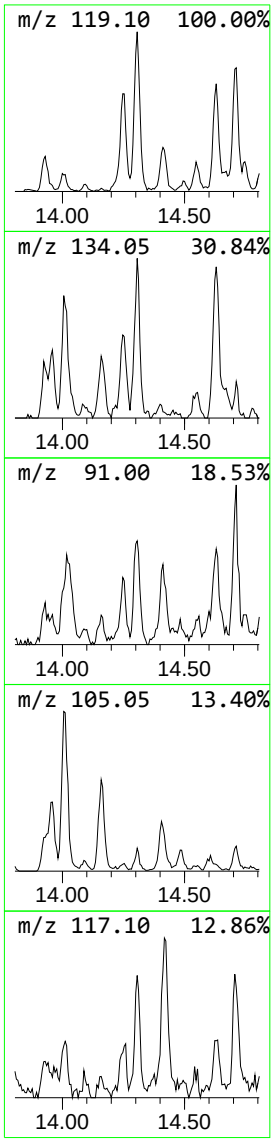
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	6.28 ug/l	159344	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

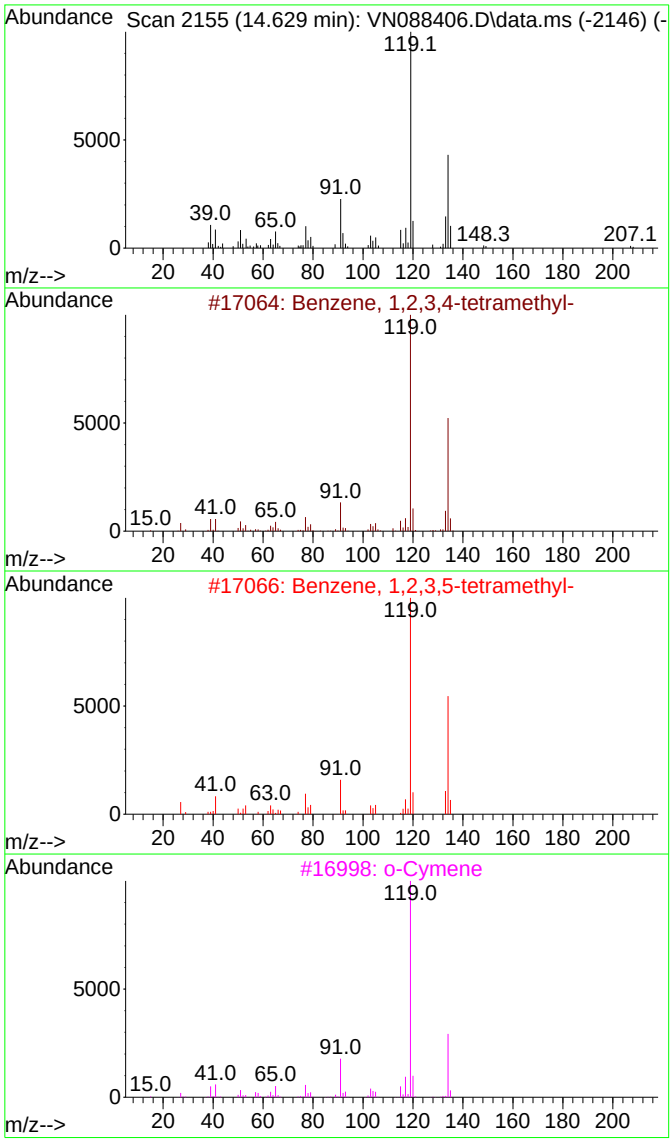
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

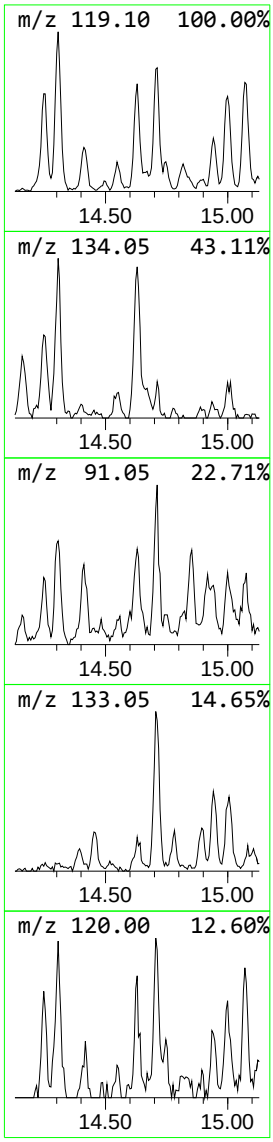
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	5.90 ug/l	149590	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

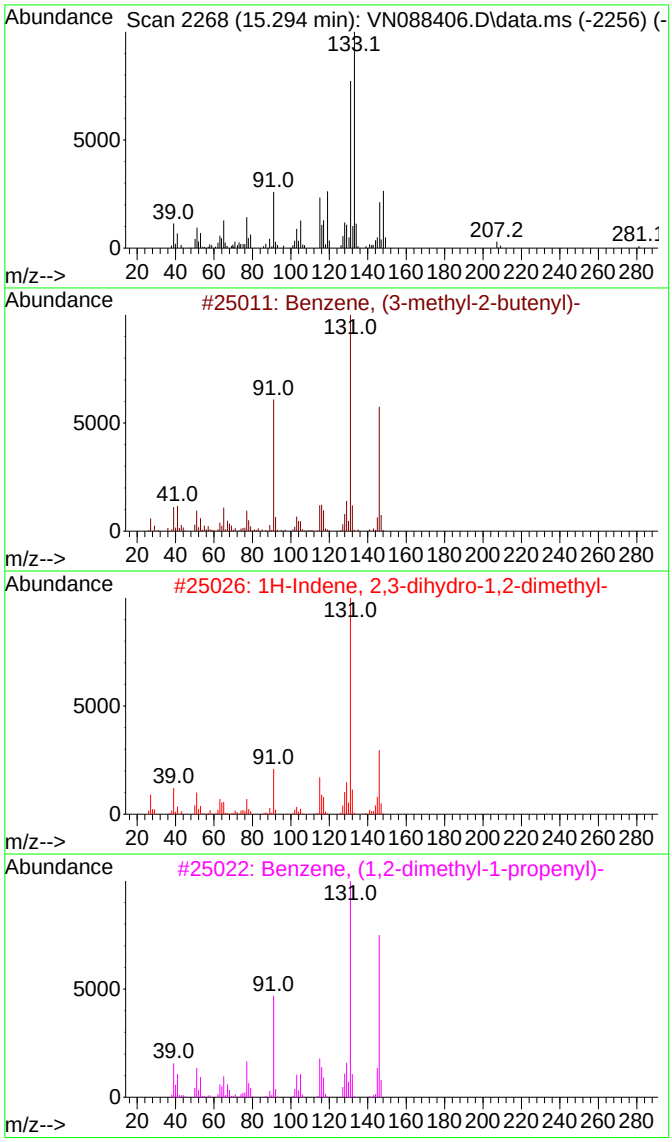
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

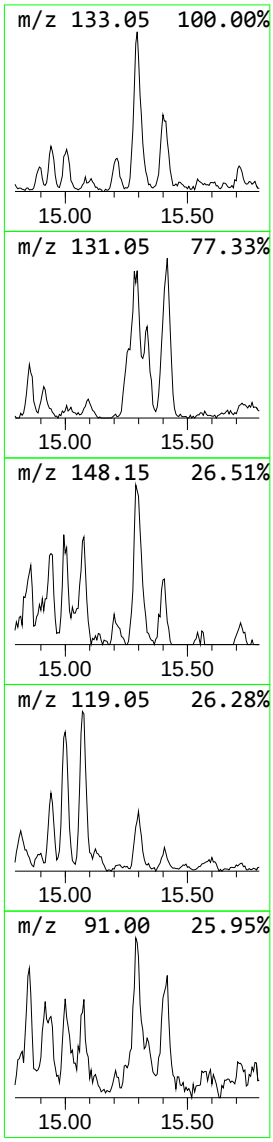
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	13.09 ug/l	331999	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

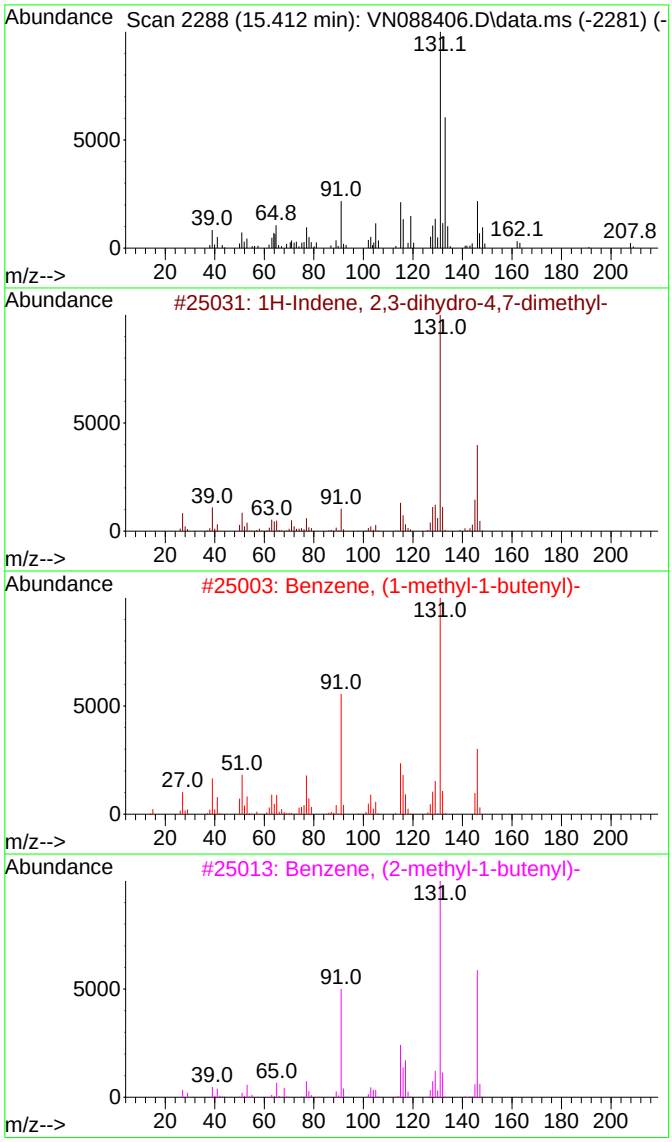
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

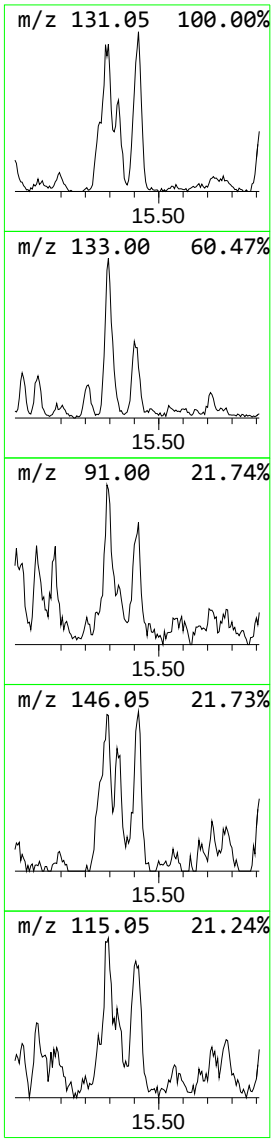
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.412	9.65 ug/l	244774	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088406.D
Acq On : 02 Dec 2025 13:36
Operator : JC\MD
Sample : Q3716-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 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
Pentane, 3-methyl-	5.806	10.4	ug/l	126444	1	8.206	609723	50.0
Pentane, 2,3-di...	8.306	14.9	ug/l	181837	1	8.206	609723	50.0
Pentane, 2,3,4-...	9.994	36.5	ug/l	755936	2	9.083	1034960	50.0
o-Cymene	14.306	6.3	ug/l	159344	4	13.771	1268100	50.0
Benzene, 1,2,3,...	14.629	5.9	ug/l	149590	4	13.771	1268100	50.0
Benzene, (3-met...	15.294	13.1	ug/l	331999	4	13.771	1268100	50.0
1H-Indene, 2,3-...	15.412	9.7	ug/l	244774	4	13.771	1268100	50.0

Raw Data: **VN088379.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW7			SDG No.:	Q3716
Lab Sample ID:	Q3716-04			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	2.20	U	10	2.20	10.0	ug/L	12/01/25 13:52	VN120125
74-87-3	Chloromethane	3.20	U	10	3.20	10.0	ug/L	12/01/25 13:52	VN120125
75-01-4	Vinyl Chloride	2.60	U	10	2.60	10.0	ug/L	12/01/25 13:52	VN120125
74-83-9	Bromomethane	14.4	U	10	14.4	50.0	ug/L	12/01/25 13:52	VN120125
75-00-3	Chloroethane	4.70	U	10	4.70	10.0	ug/L	12/01/25 13:52	VN120125
75-69-4	Trichlorofluoromethane	3.30	U	10	3.30	10.0	ug/L	12/01/25 13:52	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	10	2.50	10.0	ug/L	12/01/25 13:52	VN120125
75-65-0	Tert butyl alcohol	55.1	U	10	55.1	250	ug/L	12/01/25 13:52	VN120125
75-35-4	1,1-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	12/01/25 13:52	VN120125
67-64-1	Acetone	15.1	U	10	15.1	50.0	ug/L	12/01/25 13:52	VN120125
75-15-0	Carbon Disulfide	2.10	U	10	2.10	10.0	ug/L	12/01/25 13:52	VN120125
1634-04-4	Methyl tert-butyl Ether	1.60	U	10	1.60	10.0	ug/L	12/01/25 13:52	VN120125
79-20-9	Methyl Acetate	2.70	U	10	2.70	10.0	ug/L	12/01/25 13:52	VN120125
75-09-2	Methylene Chloride	2.80	U	10	2.80	10.0	ug/L	12/01/25 13:52	VN120125
156-60-5	trans-1,2-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	12/01/25 13:52	VN120125
75-34-3	1,1-Dichloroethane	2.30	U	10	2.30	10.0	ug/L	12/01/25 13:52	VN120125
110-82-7	Cyclohexane	690		10	14.5	50.0	ug/L	12/01/25 13:52	VN120125
78-93-3	2-Butanone	9.80	U	10	9.80	50.0	ug/L	12/01/25 13:52	VN120125
56-23-5	Carbon Tetrachloride	2.50	U	10	2.50	10.0	ug/L	12/01/25 13:52	VN120125
156-59-2	cis-1,2-Dichloroethene	1.90	U	10	1.90	10.0	ug/L	12/01/25 13:52	VN120125
74-97-5	Bromochloromethane	2.20	U	10	2.20	10.0	ug/L	12/01/25 13:52	VN120125
67-66-3	Chloroform	2.50	U	10	2.50	10.0	ug/L	12/01/25 13:52	VN120125
71-55-6	1,1,1-Trichloroethane	2.00	U	10	2.00	10.0	ug/L	12/01/25 13:52	VN120125
108-87-2	Methylcyclohexane	720		10	1.60	10.0	ug/L	12/01/25 13:52	VN120125
71-43-2	Benzene	2200	E	10	1.50	10.0	ug/L	12/01/25 13:52	VN120125
107-06-2	1,2-Dichloroethane	2.20	U	10	2.20	10.0	ug/L	12/01/25 13:52	VN120125
79-01-6	Trichloroethene	0.93	U	10	0.93	10.0	ug/L	12/01/25 13:52	VN120125
78-87-5	1,2-Dichloropropane	2.00	U	10	2.00	10.0	ug/L	12/01/25 13:52	VN120125
75-27-4	Bromodichloromethane	2.20	U	10	2.20	10.0	ug/L	12/01/25 13:52	VN120125
108-10-1	4-Methyl-2-Pentanone	6.80	U	10	6.80	50.0	ug/L	12/01/25 13:52	VN120125
108-88-3	Toluene	14200	E	10	1.40	10.0	ug/L	12/01/25 13:52	VN120125
10061-02-6	t-1,3-Dichloropropene	1.70	U	10	1.70	10.0	ug/L	12/01/25 13:52	VN120125
10061-01-5	cis-1,3-Dichloropropene	1.60	U	10	1.60	10.0	ug/L	12/01/25 13:52	VN120125
79-00-5	1,1,2-Trichloroethane	2.10	U	10	2.10	10.0	ug/L	12/01/25 13:52	VN120125
591-78-6	2-Hexanone	8.90	U	10	8.90	50.0	ug/L	12/01/25 13:52	VN120125
124-48-1	Dibromochloromethane	1.80	U	10	1.80	10.0	ug/L	12/01/25 13:52	VN120125
106-93-4	1,2-Dibromoethane	1.50	U	10	1.50	10.0	ug/L	12/01/25 13:52	VN120125
127-18-4	Tetrachloroethene	2.30	U	10	2.30	10.0	ug/L	12/01/25 13:52	VN120125
108-90-7	Chlorobenzene	1.20	U	10	1.20	10.0	ug/L	12/01/25 13:52	VN120125
100-41-4	Ethyl Benzene	4800	E	10	1.30	10.0	ug/L	12/01/25 13:52	VN120125
179601-23-1	m/p-Xylenes	23700	E	10	2.40	20.0	ug/L	12/01/25 13:52	VN120125
95-47-6	o-Xylene	9100	E	10	1.20	10.0	ug/L	12/01/25 13:52	VN120125
100-42-5	Styrene	1.50	U	10	1.50	10.0	ug/L	12/01/25 13:52	VN120125

Raw Data: **VN088379.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:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW7	SDG No.:	Q3716
Lab Sample ID:	Q3716-04	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	1.90	U	10	1.90	10.0	ug/L	12/01/25 13:52	VN120125
98-82-8	Isopropylbenzene	230		10	1.20	10.0	ug/L	12/01/25 13:52	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	10	2.60	10.0	ug/L	12/01/25 13:52	VN120125
95-63-6	1,2,4-Trimethylbenzene	8500	E	10	1.40	10.0	ug/L	12/01/25 13:52	VN120125
541-73-1	1,3-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	12/01/25 13:52	VN120125
106-46-7	1,4-Dichlorobenzene	1.90	U	10	1.90	10.0	ug/L	12/01/25 13:52	VN120125
95-50-1	1,2-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	12/01/25 13:52	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	10	5.30	10.0	ug/L	12/01/25 13:52	VN120125
120-82-1	1,2,4-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	12/01/25 13:52	VN120125
87-61-6	1,2,3-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	12/01/25 13:52	VN120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.9			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	50.5			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.8			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	191000							
540-36-3	1,4-Difluorobenzene	410000							
3114-55-4	Chlorobenzene-d5	399000							
3855-82-1	1,4-Dichlorobenzene-d4	206000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-78-4	Butane, 2-methyl-	1700	J			3.27	ug/L		
000646-04-8	2-Pentene, (E)-	430	J			3.87	ug/L		
000930-18-7	Cyclopropane, 1,2-dimethyl-, cis-	900	J			4.15	ug/L		
000107-83-5	Pentane, 2-methyl-	1000	J			5.33	ug/L		
000096-14-0	Pentane, 3-methyl-	460	J			5.80	ug/L		
000096-37-7	Cyclopentane, methyl-	600	J			7.31	ug/L		
103-65-1	n-propylbenzene	910	J			13.0	ug/L		
000611-14-3	Benzene, 1-ethyl-2-methyl-	980	J			13.1	ug/L		
108-67-8	1,3,5-Trimethylbenzene	2300	J			13.1	ug/L		
000622-96-8	Benzene, 1-ethyl-4-methyl-	350	J			13.3	ug/L		
135-98-8	sec-Butylbenzene	64.3	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	38.5	J			13.7	ug/L		
104-51-8	n-Butylbenzene	140	J			14.0	ug/L		

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 02 00:13:45 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 :
MW7

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	191077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	409524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	398646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206355	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	190583	52.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.900%			
35) Dibromofluoromethane	8.147	113	143748	50.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	10.541	98	533344	50.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.829	95	216607	59.784	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.560%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	328913	69.480	ug/l #	92
39) Methylcyclohexane	9.577	83	336127	71.746	ug/l	91
40) Benzene	8.588	78	2876097	223.732	ug/l	99
52) Toluene	10.606	92	10550086	1421.311	ug/l	90
67) Ethyl Benzene	11.941	91	7539640	481.754	ug/l	99
68) m/p-Xylenes	12.047	106	13748388	2369.332	ug/l #	1
69) o-Xylene	12.376	106	5054489	913.674	ug/l	99
73) Isopropylbenzene	12.671	105	356793	23.385	ug/l	100
78) n-propylbenzene	13.012	91	1699094	91.027	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	2914167	230.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	10724506	853.409	ug/l	99
85) sec-Butylbenzene	13.594	105	99221m	6.426	ug/l	
86) p-Isopropyltoluene	13.706	119	48795	3.854	ug/l #	72
89) n-Butylbenzene	14.029	91	172834	14.059	ug/l #	72

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

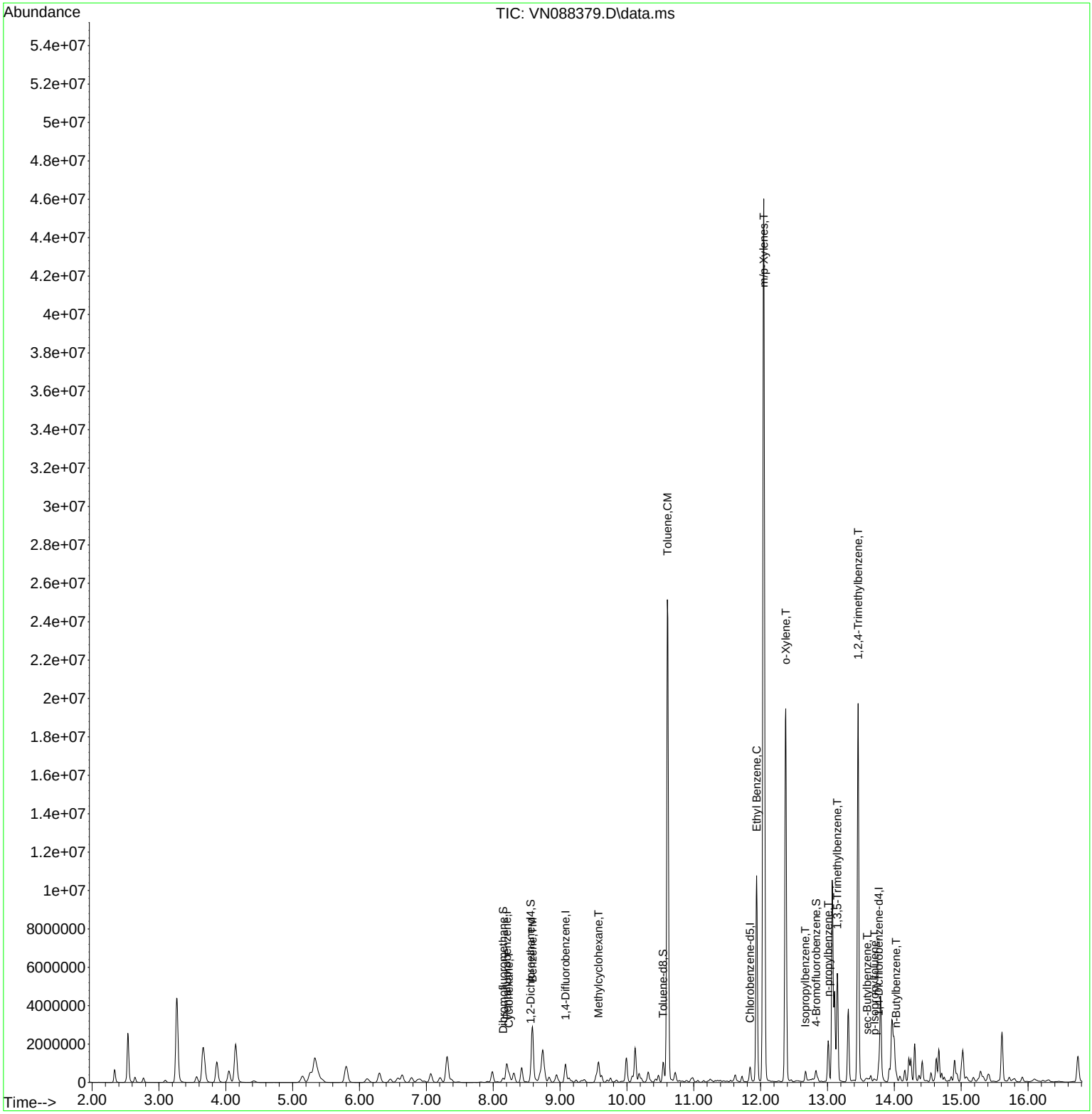
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

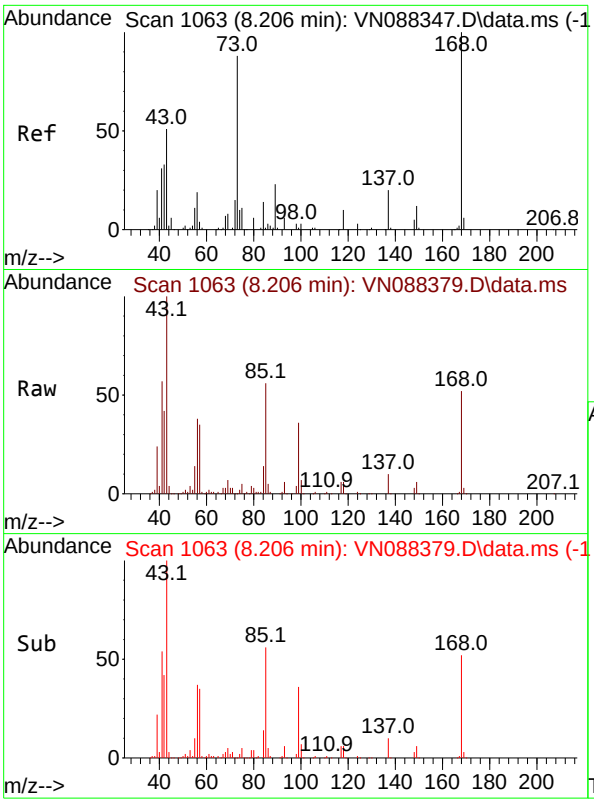
Quant Time: Dec 02 00:13:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations APPROVED

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

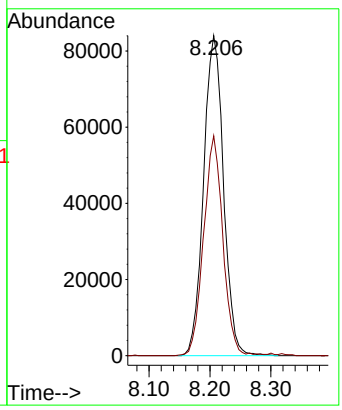




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:168 Resp: 19107

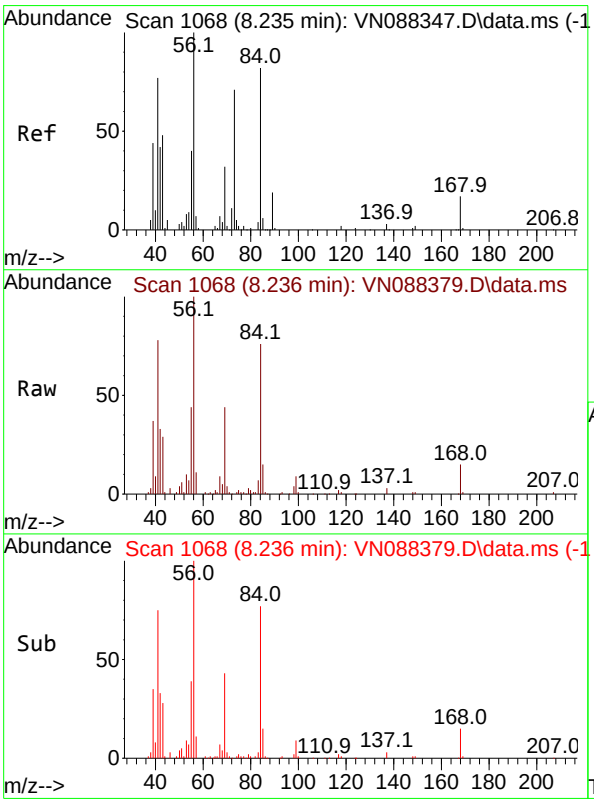
Ion	Ratio	Lower	Upper
168	100		
99	68.5	57.1	85.7



Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

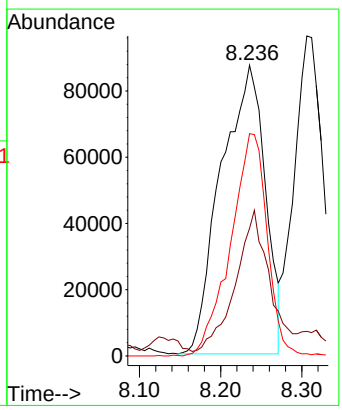
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

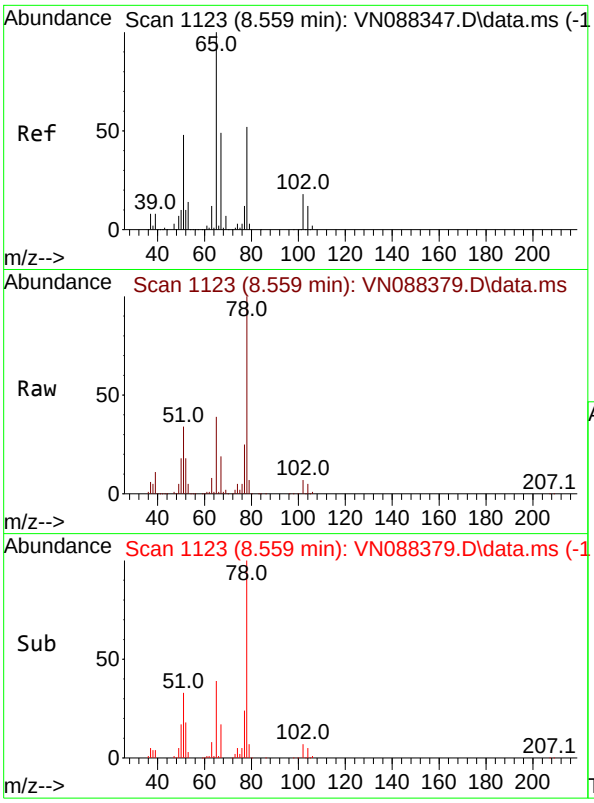


#31
Cyclohexane
Concen: 69.480 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 56 Resp: 328913

Ion	Ratio	Lower	Upper
56	100		
69	39.0	25.3	37.9#
84	76.8	65.4	98.2





#33
1,2-Dichloroethane-d4
Concen: 52.947 ug/l
RT: 8.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

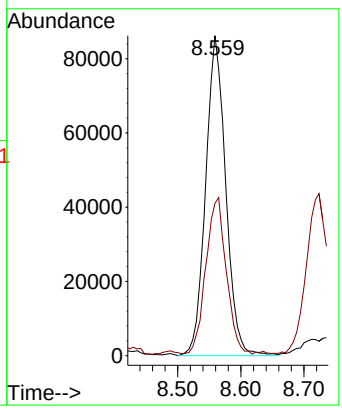
Tgt Ion: 65 Resp: 19058

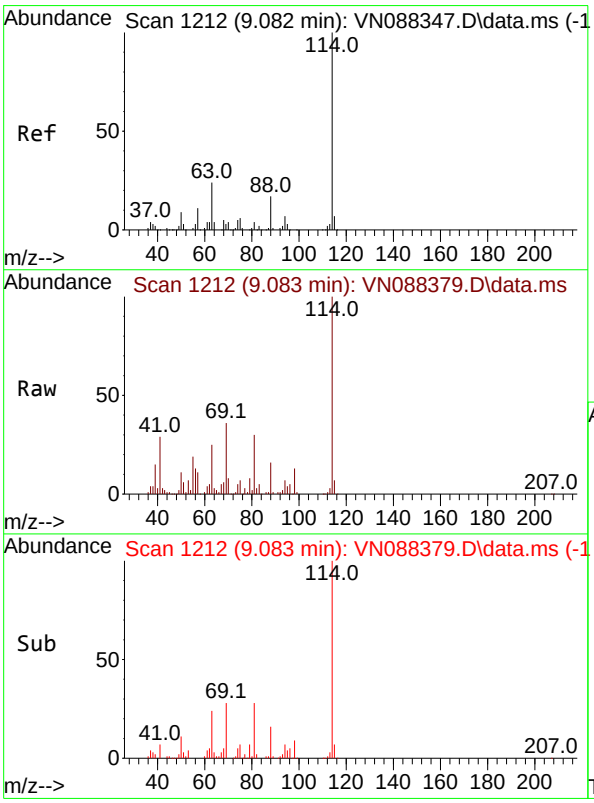
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	100.8

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

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

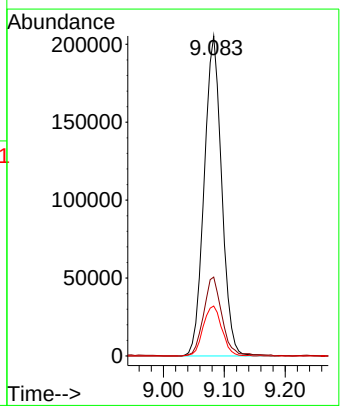


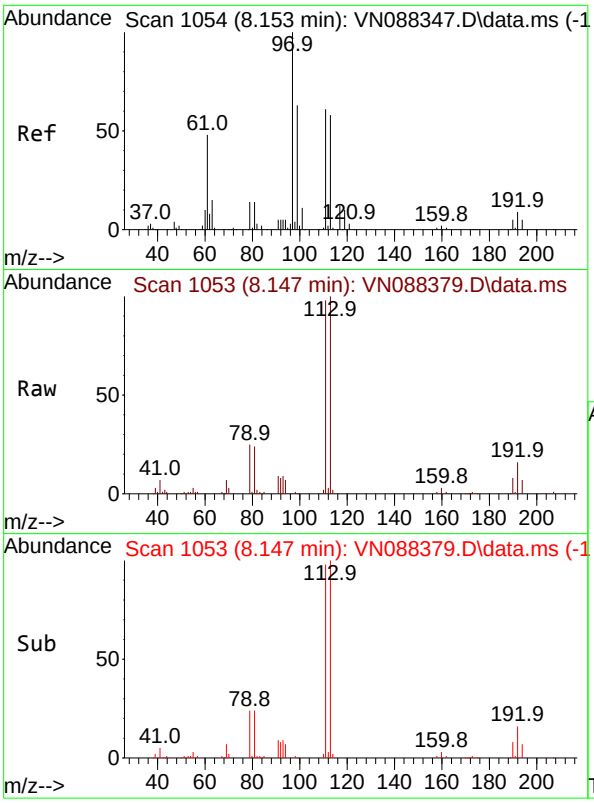


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:114 Resp: 409524

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.0
88	15.6	0.0	34.0

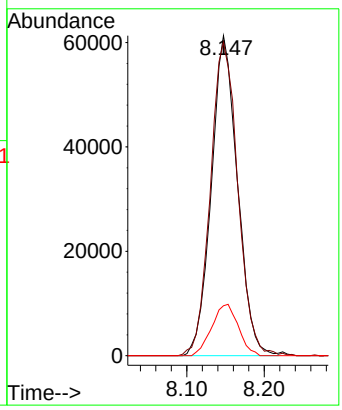




#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:113 Resp: 14374

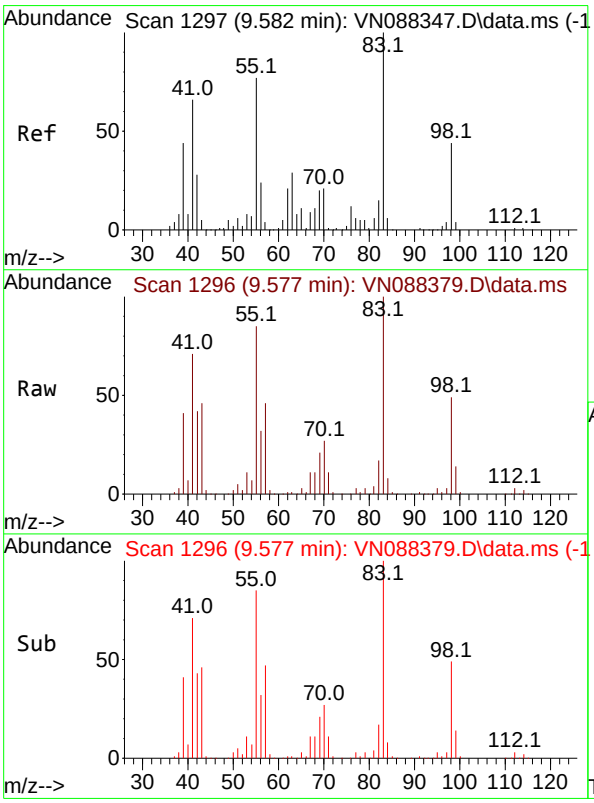
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	16.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

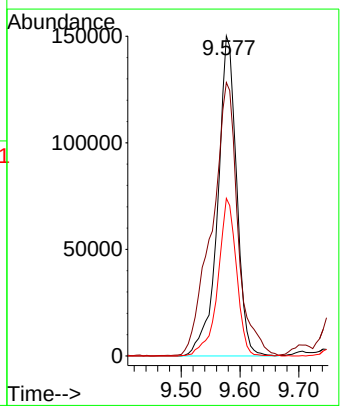
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

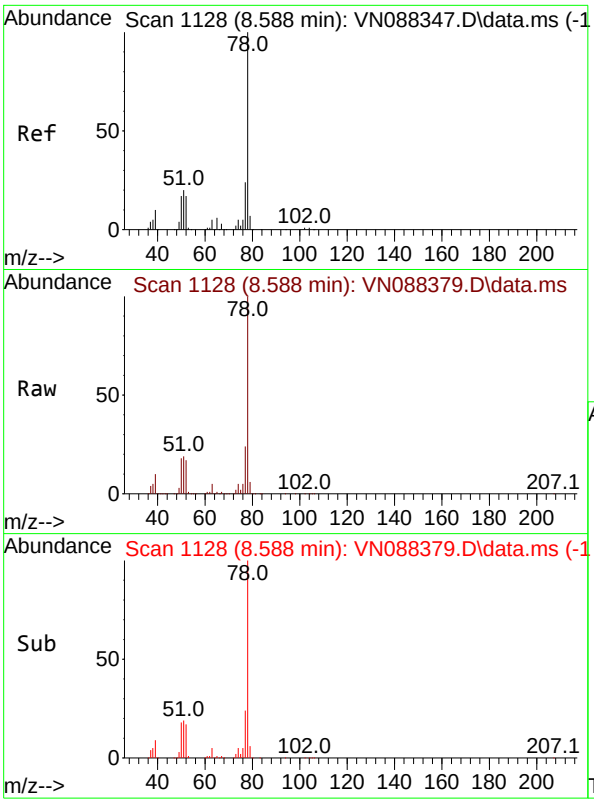


#39
Methylcyclohexane
Concen: 71.746 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 83 Resp: 336127

Ion	Ratio	Lower	Upper
83	100		
55	85.2	61.6	92.4
98	49.2	35.3	52.9

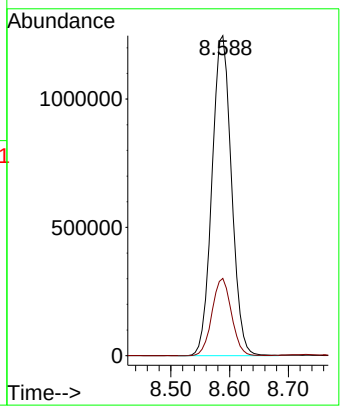




#40
Benzene
Concen: 223.732 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 78 Resp: 287609

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4



Instrument :
MSVOA_N
ClientSampleId :
MW7

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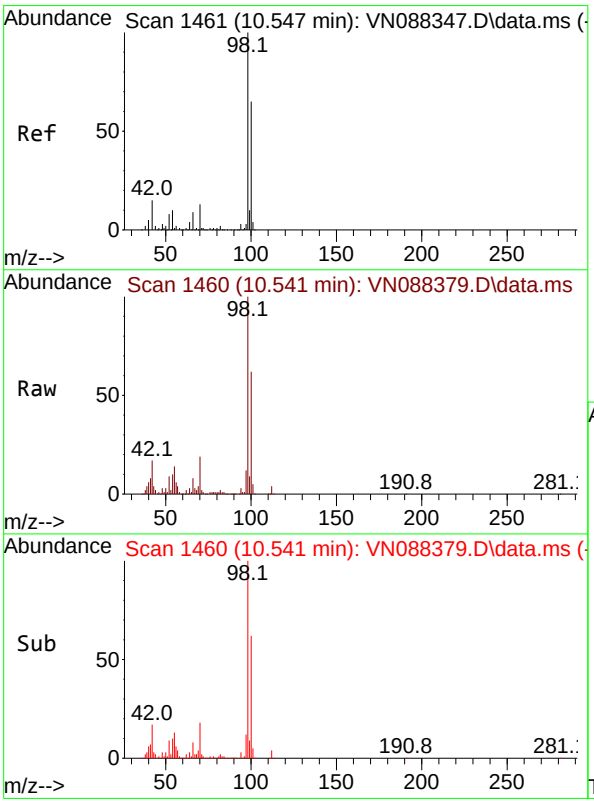
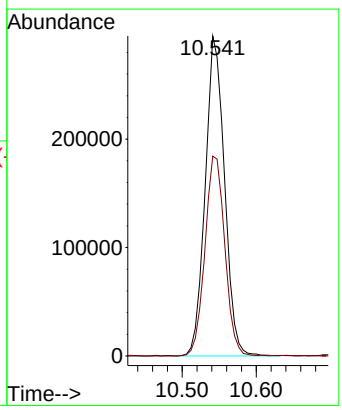
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

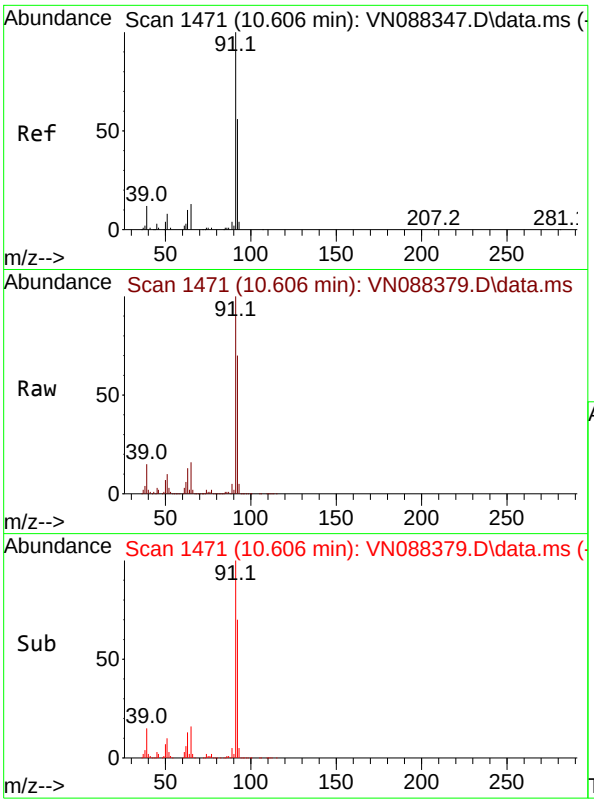


#50
Toluene-d8
Concen: 50.508 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 98 Resp: 533344

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

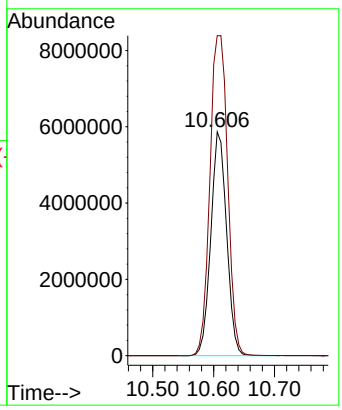




#52
Toluene
Concen: 1421.311 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 92 Resp:1055008

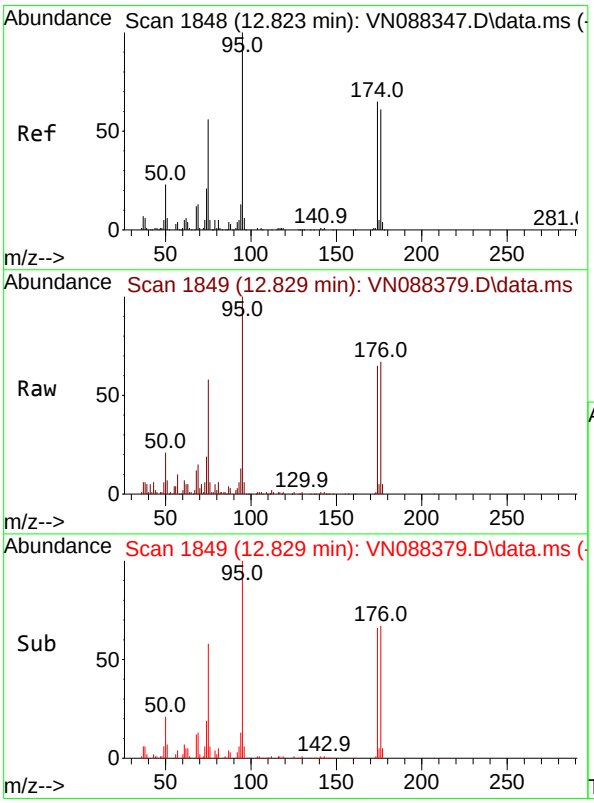
Ion	Ratio	Lower	Upper
92	100		
91	160.9	140.2	210.2



Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

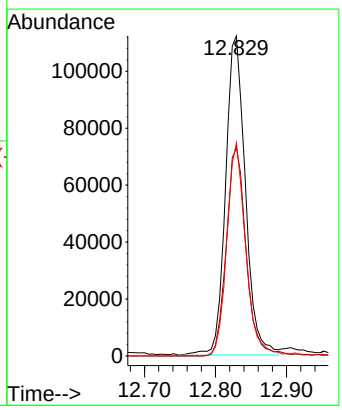
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

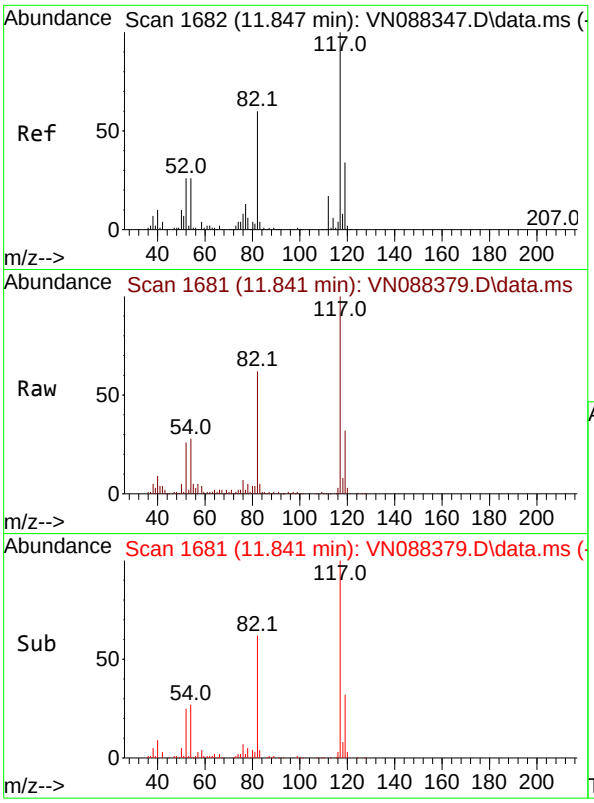


#62
4-Bromofluorobenzene
Concen: 59.784 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 95 Resp: 216607

Ion	Ratio	Lower	Upper
95	100		
174	65.4	0.0	139.0
176	64.1	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: VN088379.D
Acq: 01 Dec 2025 13:52

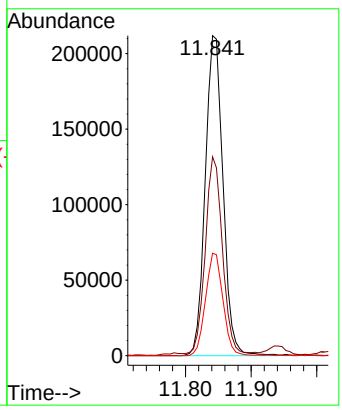
Tgt Ion:117 Resp: 39864

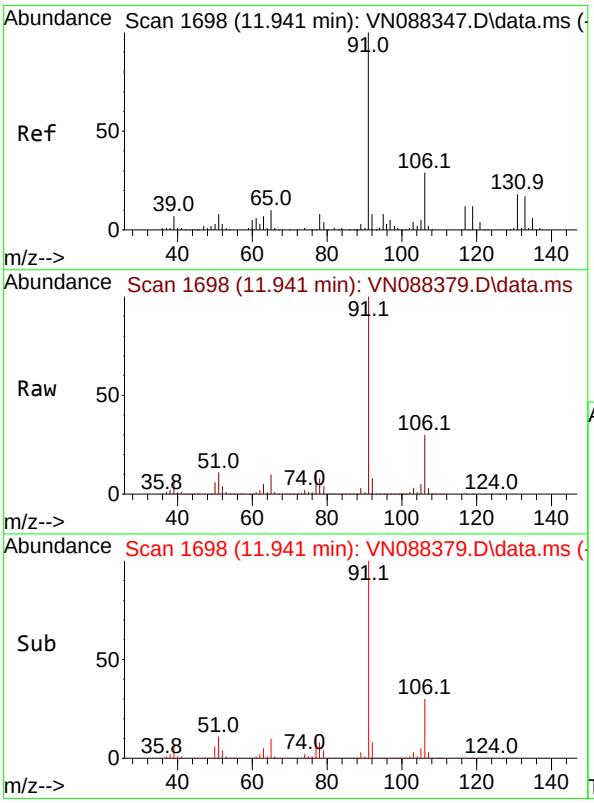
Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.8	71.8
119	32.0	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

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

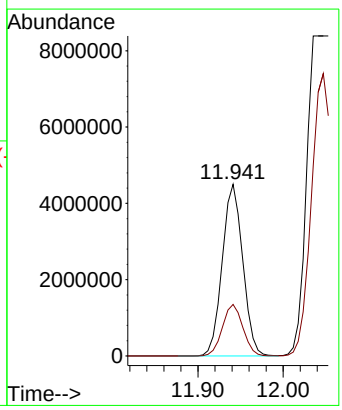


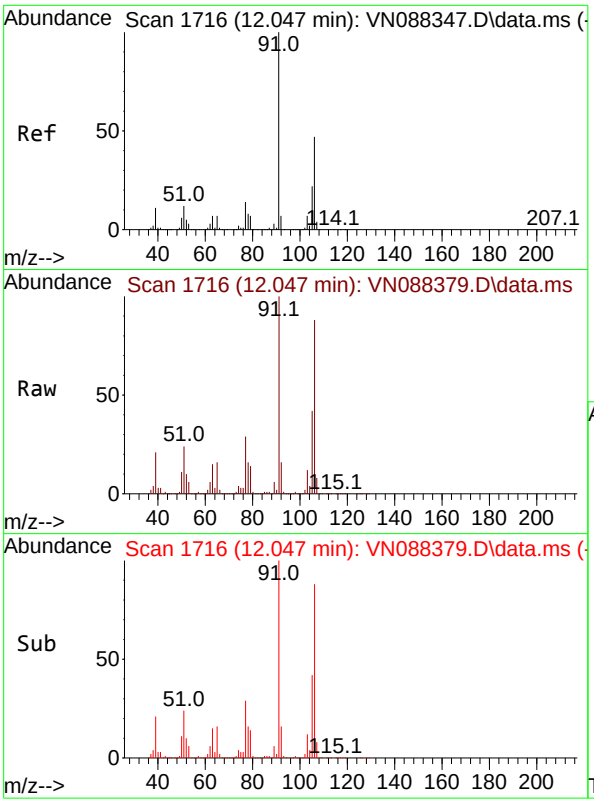


#67
Ethyl Benzene
Concen: 481.754 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 91 Resp: 7539640

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.6	35.4





#68
m/p-Xylenes
Concen: 2369.332 ug/l
RT: 12.047 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

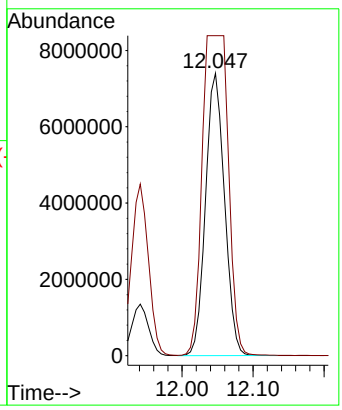
Tgt Ion:106 Resp:1374838

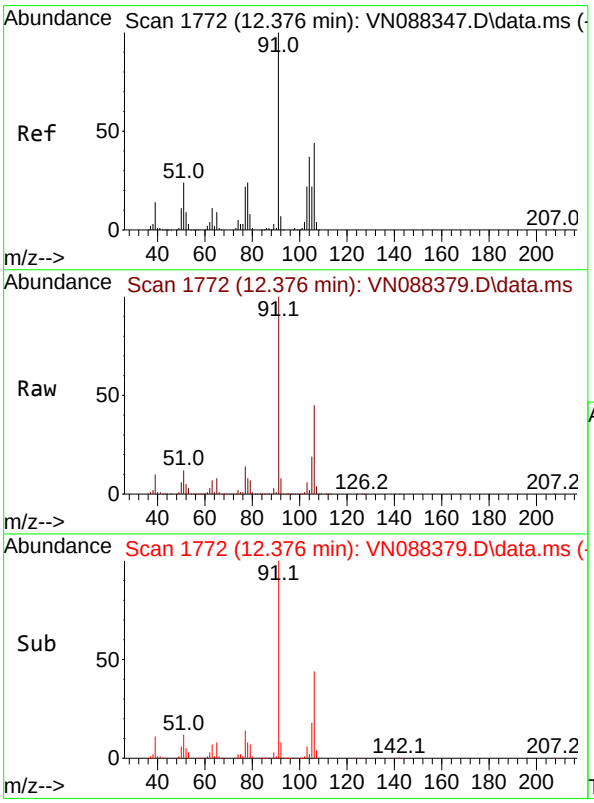
Ion	Ratio	Lower	Upper
106	100		
91	0.0	167.8	251.6

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

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

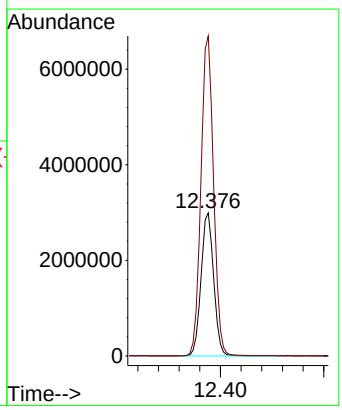


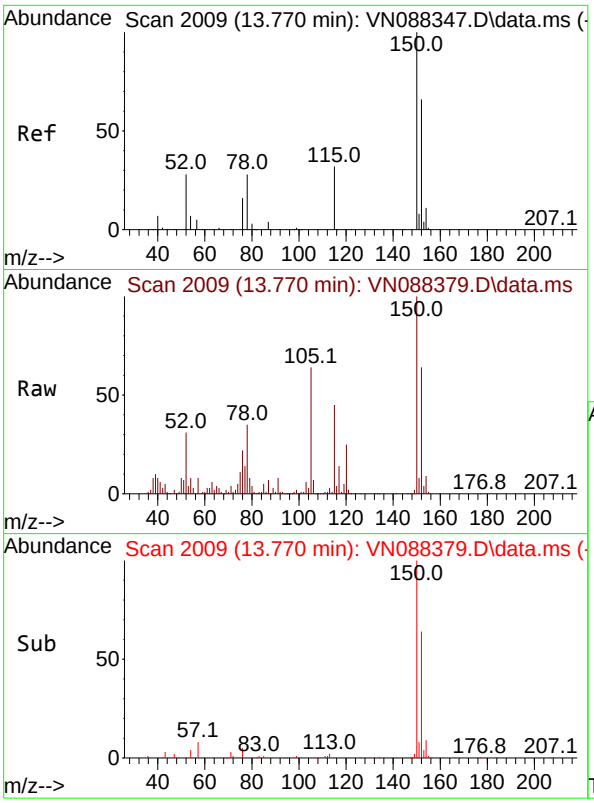


#69
o-Xylene
Concen: 913.674 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:106 Resp: 5054489

Ion	Ratio	Lower	Upper
106	100		
91	224.7	112.9	338.7

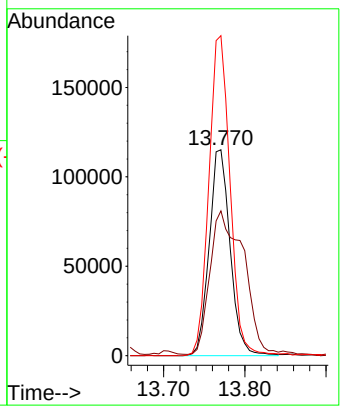




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:152 Resp: 20635

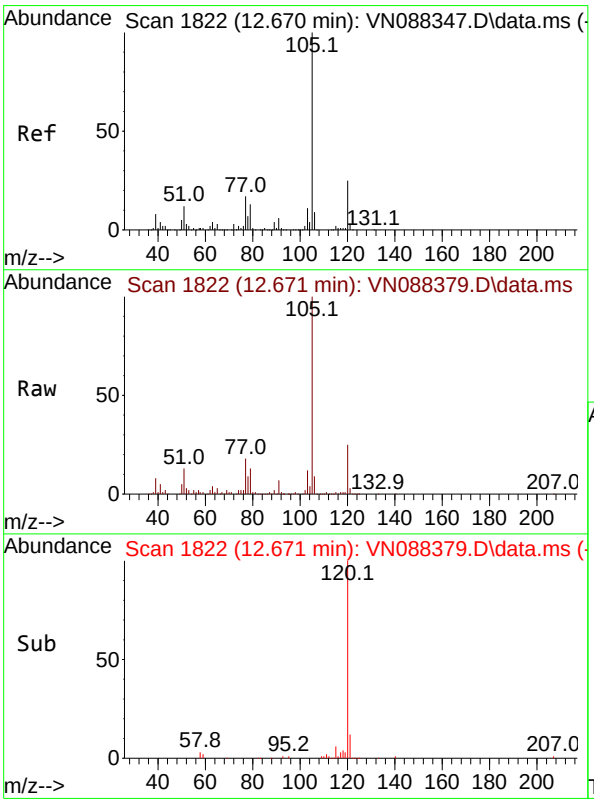
Ion	Ratio	Lower	Upper
152	100		
115	113.9	33.0	98.9
150	157.3	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

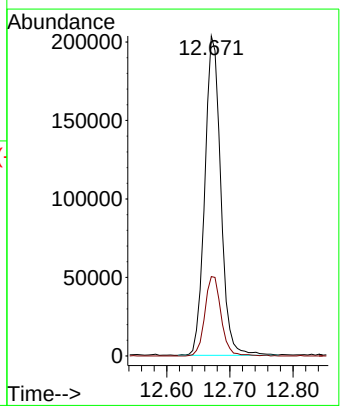
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

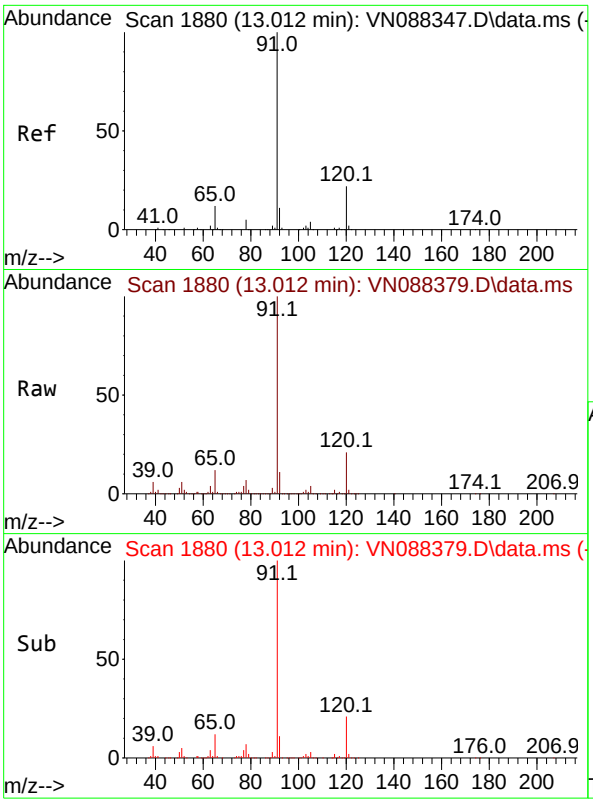


#73
Isopropylbenzene
Concen: 23.385 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:105 Resp: 356793

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.3





#78
n-propylbenzene
Concen: 91.027 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

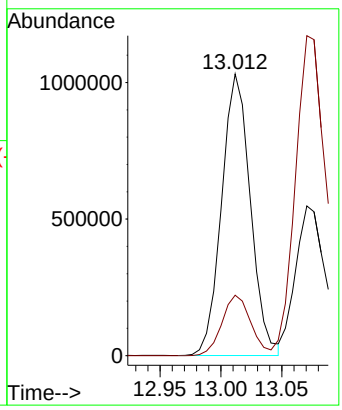
Tgt Ion: 91 Resp: 169909

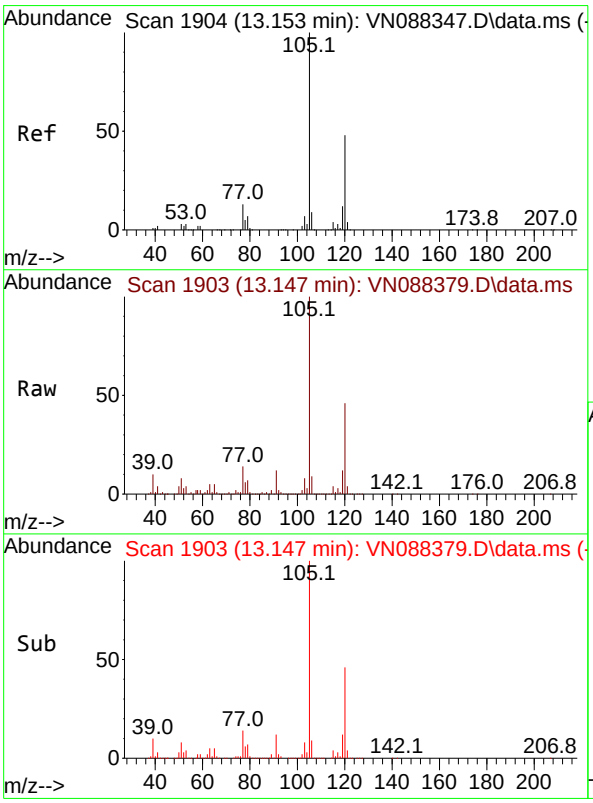
Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.6

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

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

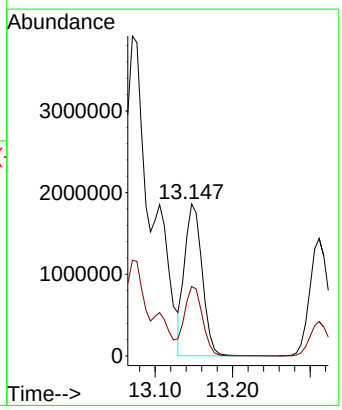


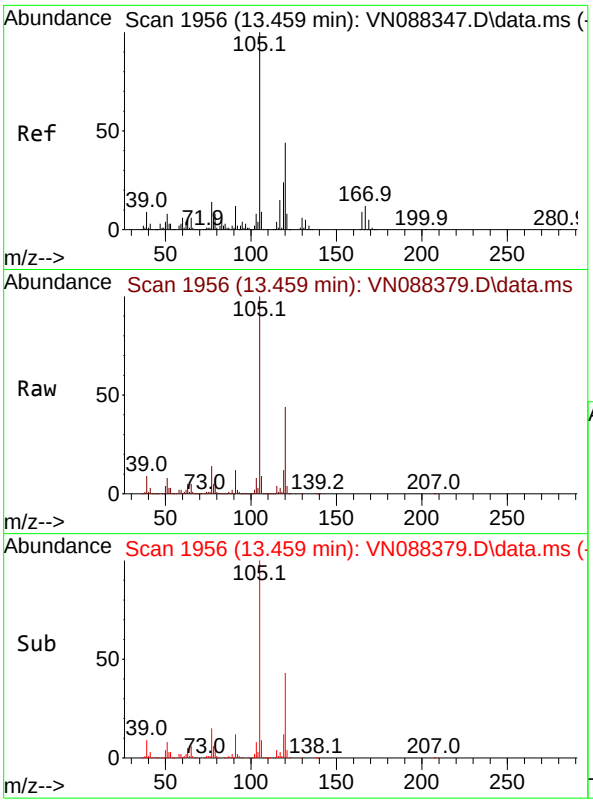


#80
1,3,5-Trimethylbenzene
Concen: 230.496 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:105 Resp: 2914167

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.8	71.5

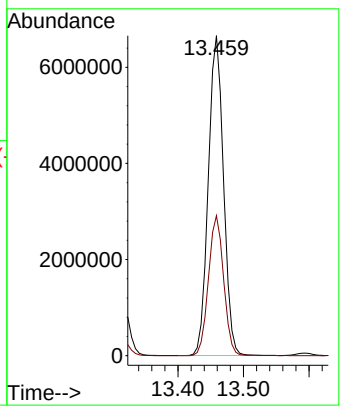




#84
1,2,4-Trimethylbenzene
Concen: 853.409 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:105 Resp:1072450

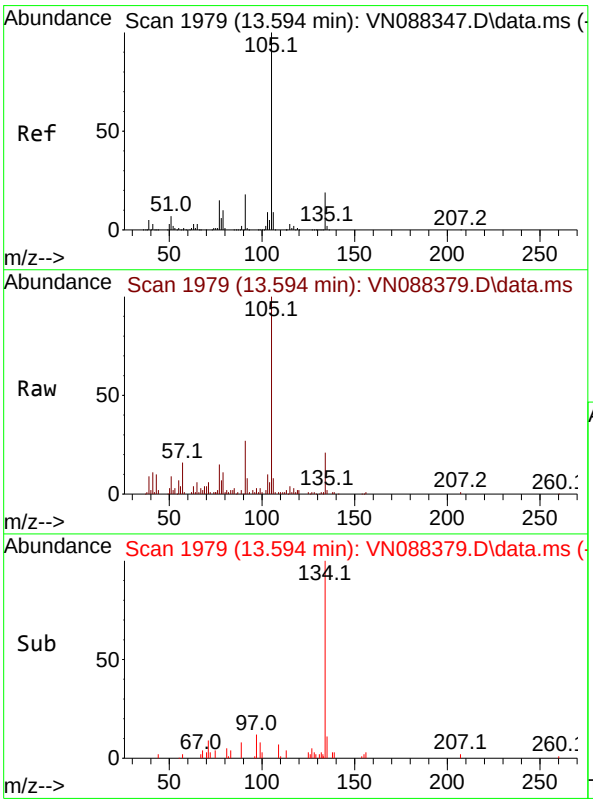
Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

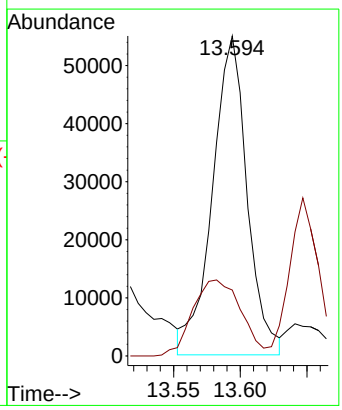
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

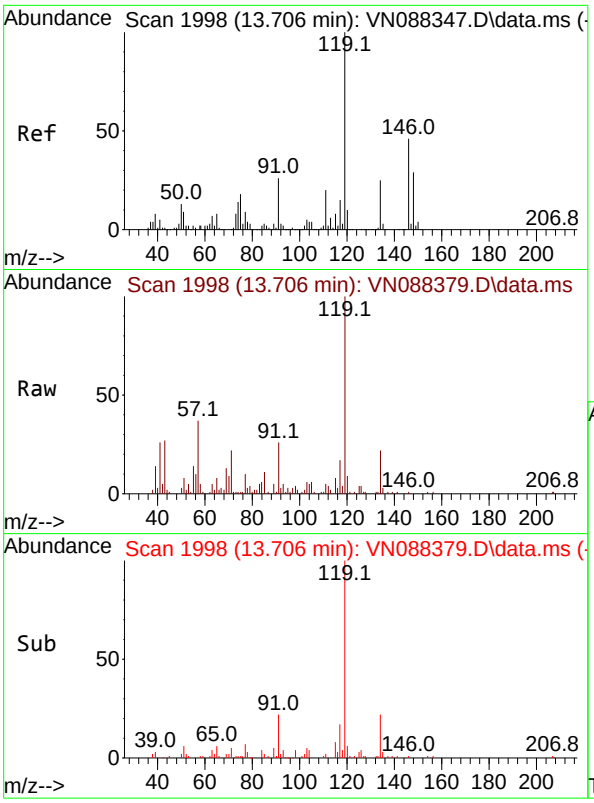


#85
sec-Butylbenzene
Concen: 6.426 ug/l m
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:105 Resp: 99221

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#





#86
p-Isopropyltoluene
Concen: 3.854 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

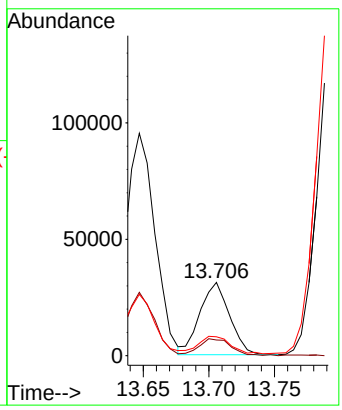
Tgt Ion:119 Resp: 4879

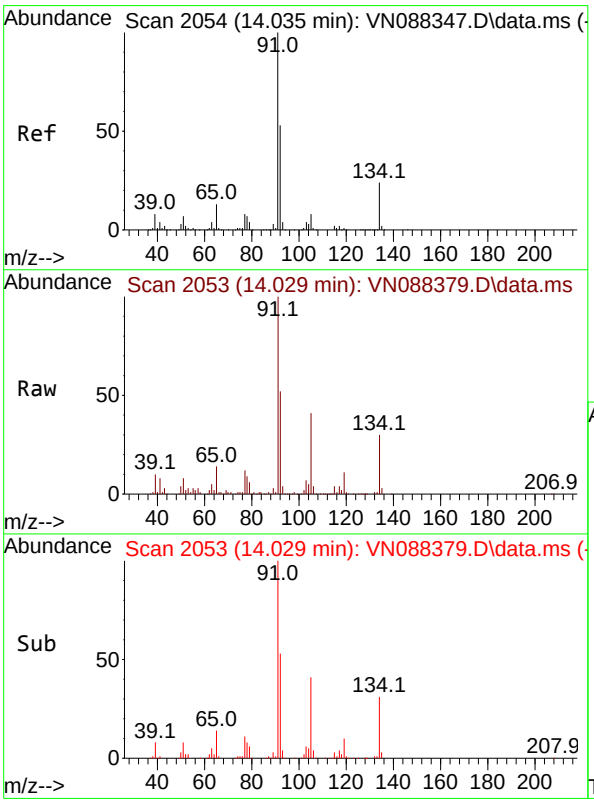
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.2	36.6
91	0.0	13.0	39.0#

Instrument :
MSVOA_N
ClientSampleId :
MW7

Manual Integrations
APPROVED

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

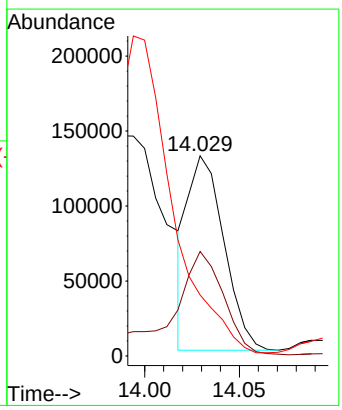




#89
n-Butylbenzene
Concen: 14.059 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 91 Resp: 172834

Ion	Ratio	Lower	Upper
91	100		
92	65.9	26.1	78.3
134	0.0	11.7	35.1#



Sample Results: **VN088379.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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: VN088379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.336	58	65	82	rBV	660001	1175847	1.36%	0.292%
2	2.536	86	99	111	rBV	2566151	4716682	5.46%	1.170%
3	3.265	211	223	252	rBV	4385485	10911964	12.62%	2.707%
4	3.665	281	291	314	rVV3	1822420	5924089	6.85%	1.470%
5	3.865	314	325	342	rVV	1061947	2742371	3.17%	0.680%
6	4.048	344	356	364	rVV	590033	1637253	1.89%	0.406%
7	4.148	364	373	392	rVB	1982128	5709210	6.60%	1.416%
8	5.153	526	544	552	rBV4	324616	1201913	1.39%	0.298%
9	5.265	552	563	566	rVV2	528472	1616036	1.87%	0.401%
10	5.330	567	574	611	rVB3	1279013	6573372	7.60%	1.631%
11	5.800	631	654	673	rBV	842372	2933289	3.39%	0.728%
12	6.300	727	739	755	rBV2	491068	1520272	1.76%	0.377%
13	6.642	790	797	810	rVB	384143	1179475	1.36%	0.293%
14	7.065	859	869	883	rVB2	452786	1283312	1.48%	0.318%
15	7.312	901	911	920	rBV	1311489	3816887	4.42%	0.947%
16	7.988	1018	1026	1034	rVB	538493	1273380	1.47%	0.316%
17	8.200	1056	1062	1074	rVV4	947748	3175234	3.67%	0.788%
18	8.312	1074	1081	1091	rVB2	481530	1255761	1.45%	0.312%
19	8.424	1091	1100	1109	rBV	764994	1758855	2.03%	0.436%
20	8.588	1116	1128	1140	rBV	2896045	7305276	8.45%	1.812%
21	8.741	1140	1154	1165	rVV	1673601	5857004	6.78%	1.453%
22	8.947	1179	1189	1202	rVB3	399213	1088072	1.26%	0.270%
23	9.083	1202	1212	1218	rBV2	943856	2208300	2.55%	0.548%
24	9.577	1279	1296	1301	rBV3	1064065	3164567	3.66%	0.785%
25	9.994	1359	1367	1376	rVB	1243783	2549218	2.95%	0.632%
26	10.124	1383	1389	1395	rVB	1615239	3143713	3.64%	0.780%
27	10.318	1413	1422	1434	rBV	525787	1259083	1.46%	0.312%
28	10.541	1454	1460	1464	rBV2	1017736	1862865	2.16%	0.462%
29	10.606	1464	1471	1485	rVV	25100138	46024014	53.24%	11.418%
30	10.724	1485	1491	1498	rVB3	458464	942730	1.09%	0.234%
31	11.841	1672	1681	1689	rBV	766145	1479580	1.71%	0.367%
32	11.941	1689	1698	1707	rBV	10704711	17894854	20.70%	4.440%
33	12.047	1707	1716	1728	rBV2	45939037	86440451	100.00%	21.446%
34	12.376	1761	1772	1782	rBV	19436256	33111106	38.31%	8.215%
35	12.671	1816	1822	1828	rBV	523507	930113	1.08%	0.231%
36	12.829	1843	1849	1859	rVB3	573406	1341857	1.55%	0.333%

Sample Results: **VN088379.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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	13.012	1874	1880	1885	rBV	2119720	3469495	4.01%	0.861%
38	13.071	1885	1890	1894	rVV	10482274	18012491	20.84%	4.469%
39	13.106	1894	1896	1900	rVV	4685352	6706661	7.76%	1.664%
40	13.147	1900	1903	1921	rVB	5654757	8991521	10.40%	2.231%
41	13.312	1922	1931	1939	rBV	3781647	6434534	7.44%	1.596%
42	13.459	1949	1956	1969	rVB	19680499	31635815	36.60%	7.849%
43	13.794	2003	2013	2029	rVB	4457659	9152008	10.59%	2.271%
44	13.929	2029	2036	2037	rBV	682780	1024202	1.18%	0.254%
45	13.965	2037	2042	2058	rVB3	3180014	10832494	12.53%	2.688%
46	14.159	2068	2075	2080	rBV2	559093	939274	1.09%	0.233%
47	14.218	2080	2085	2088	rVV	1185009	2064998	2.39%	0.512%
48	14.247	2088	2090	2095	rVV	1123462	1457487	1.69%	0.362%
49	14.306	2095	2100	2106	rVB	1917721	3018804	3.49%	0.749%
50	14.417	2114	2119	2128	rVB2	1009410	1716165	1.99%	0.426%
51	14.629	2147	2155	2158	rBV	1159190	2042024	2.36%	0.507%
52	14.665	2158	2161	2166	rVB	1462495	2084756	2.41%	0.517%
53	14.900	2196	2201	2206	rBV	1048158	1945881	2.25%	0.483%
54	15.023	2213	2222	2228	rBV2	1626064	3807014	4.40%	0.945%
55	15.288	2256	2267	2273	rBV2	525110	1493932	1.73%	0.371%
56	15.406	2280	2287	2296	rVB3	379139	961192	1.11%	0.238%
57	15.612	2308	2322	2334	rBV	2585674	5242753	6.07%	1.301%
58	16.747	2507	2515	2522	rBV	1311802	3026480	3.50%	0.751%

Sum of corrected areas: 403067986

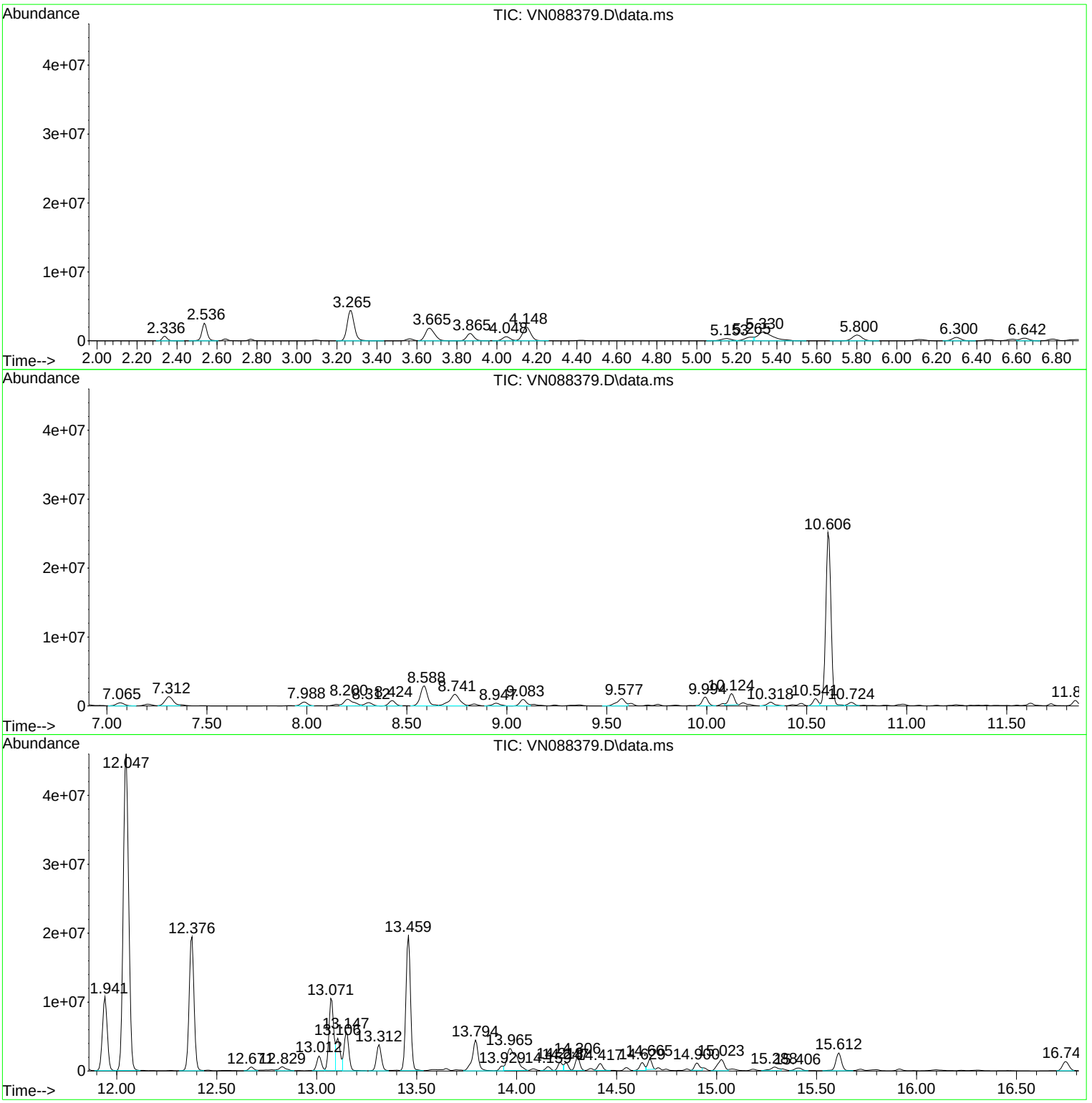
Sample Results: **VN088379.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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 : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

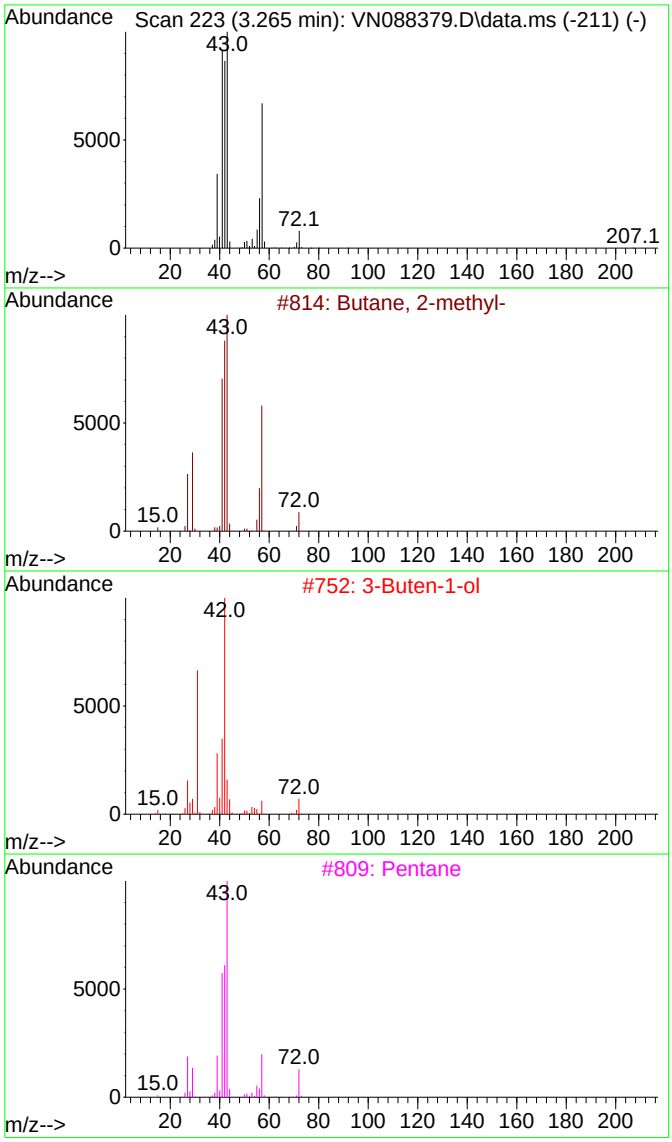
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

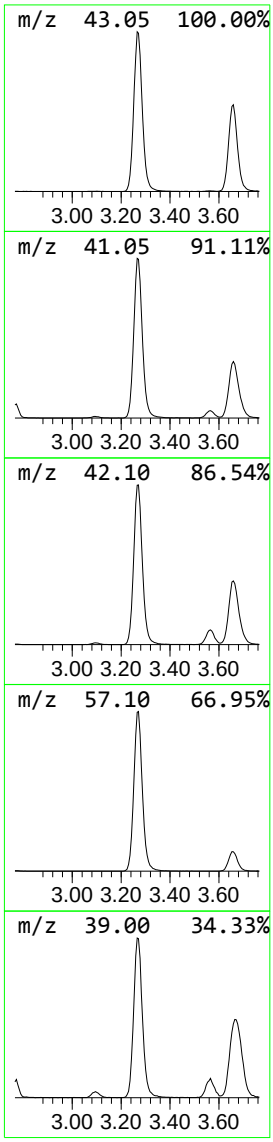
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.265	171.83 ug/l	10912000	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

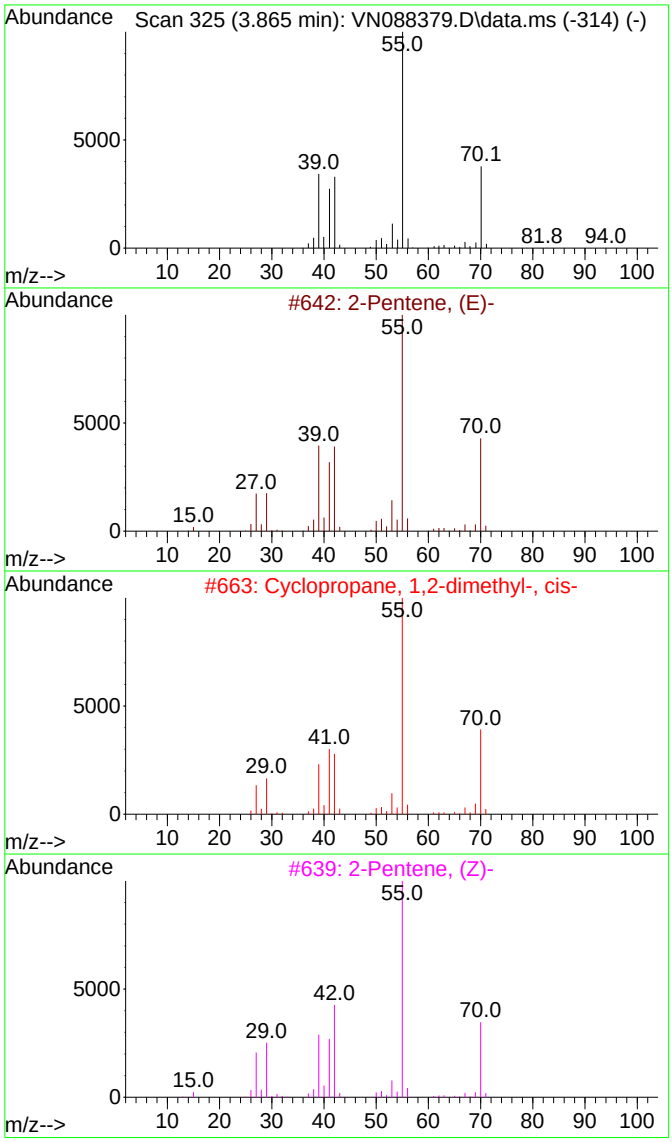
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

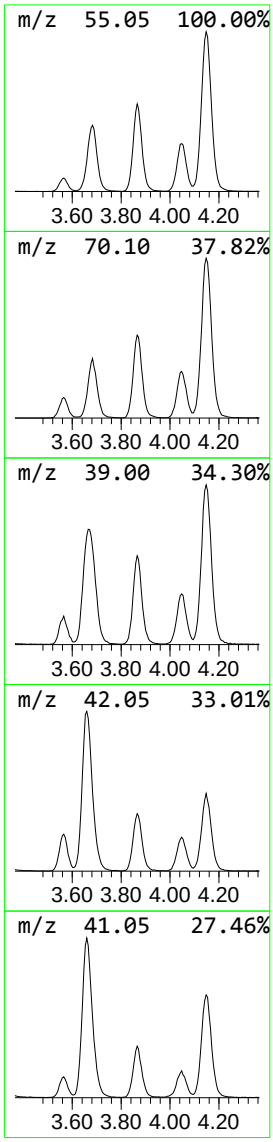
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.865	43.18 ug/l	2742370	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

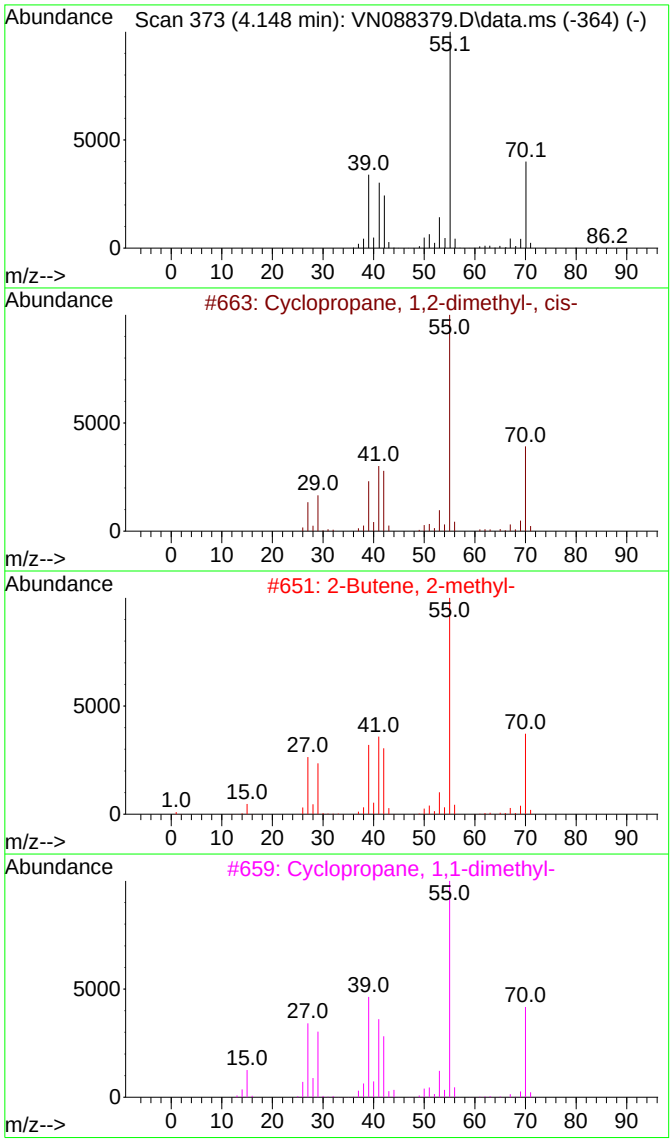
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

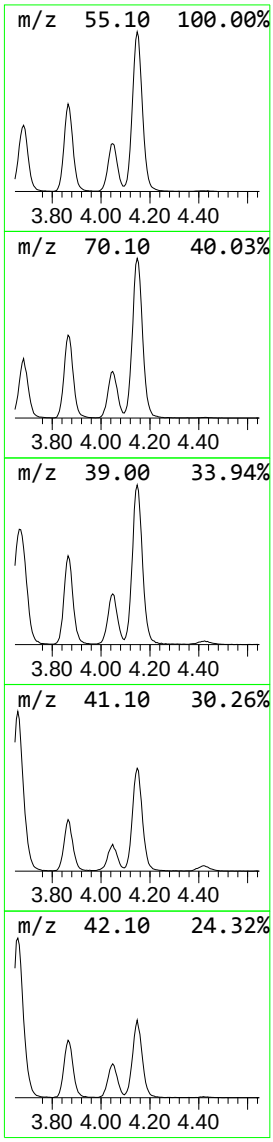
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.148	89.90 ug/l	5709210	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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

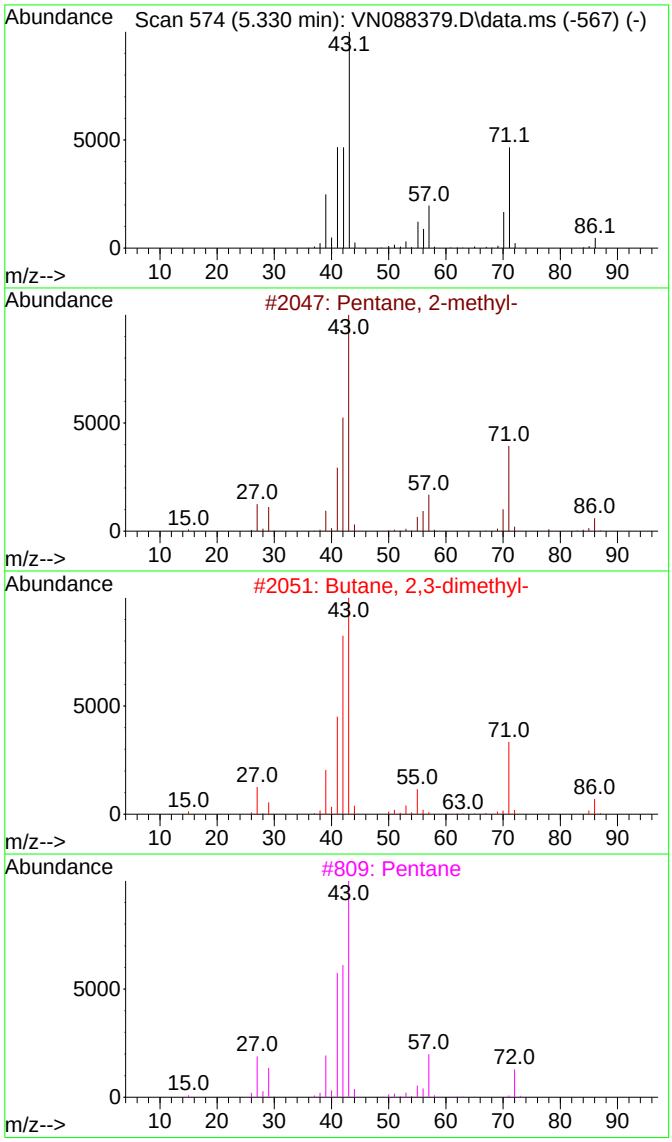
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

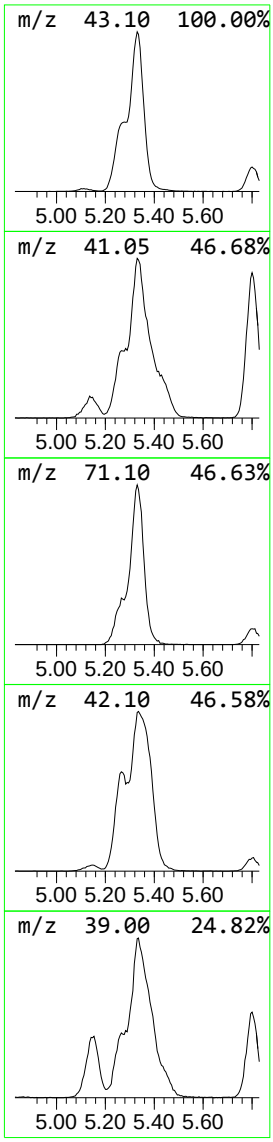
****

Peak Number 6 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	103.51 ug/l	6573370	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	46
3	Pentane	72	C5H12	000109-66-0	38
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

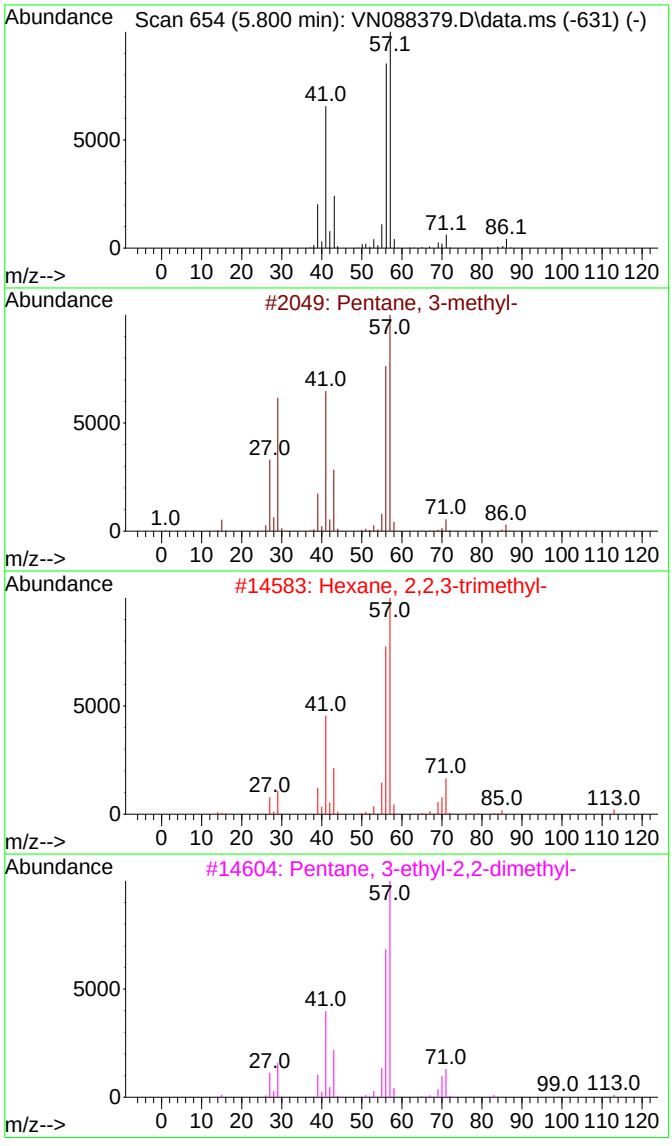
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

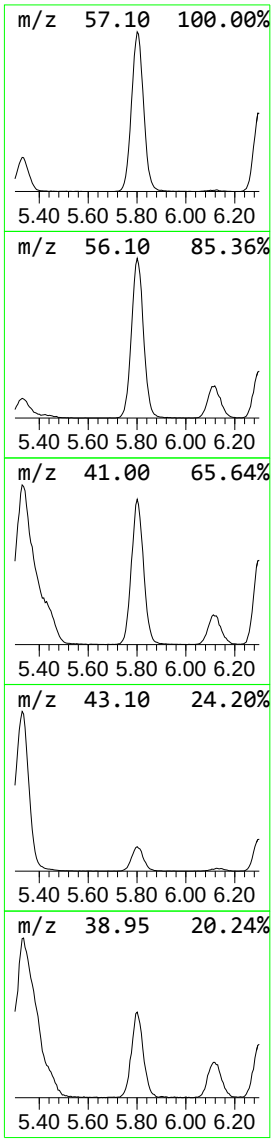
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	46.19 ug/l	2933290	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	42
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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

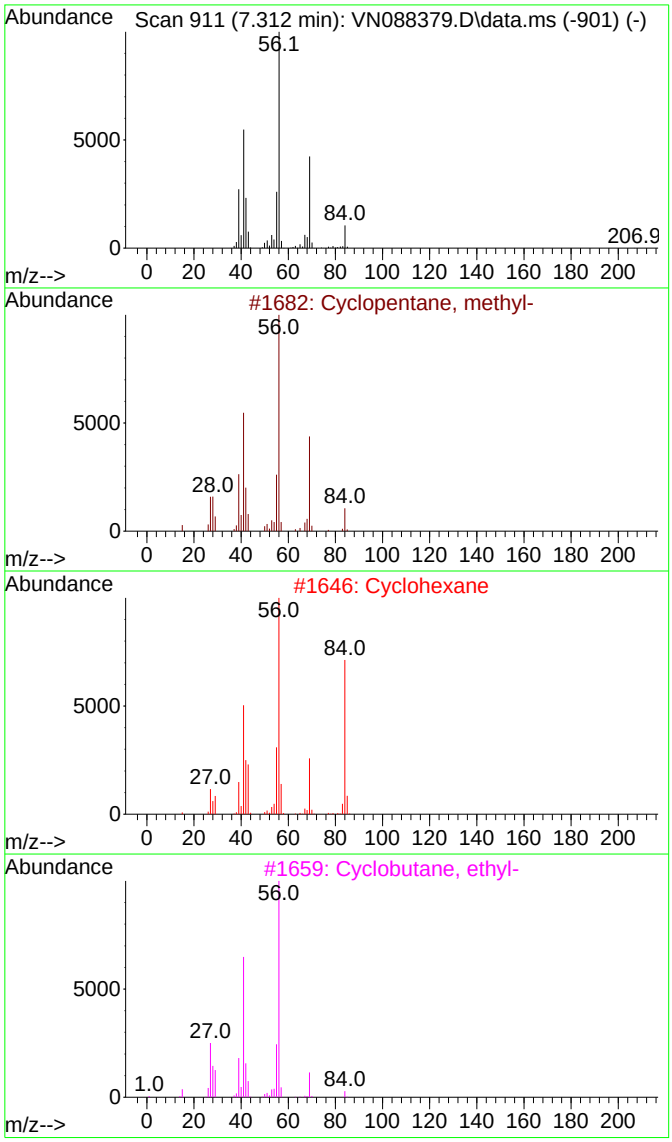
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

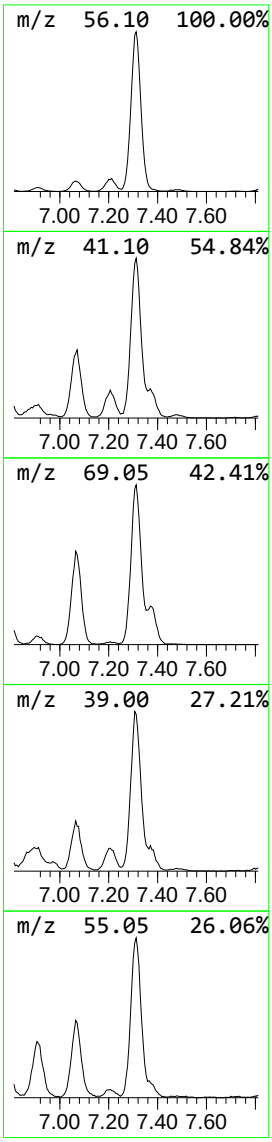
****

Peak Number 8 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	60.10 ug/l	3816890	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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclobutane	56	C4H8	000287-23-0	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

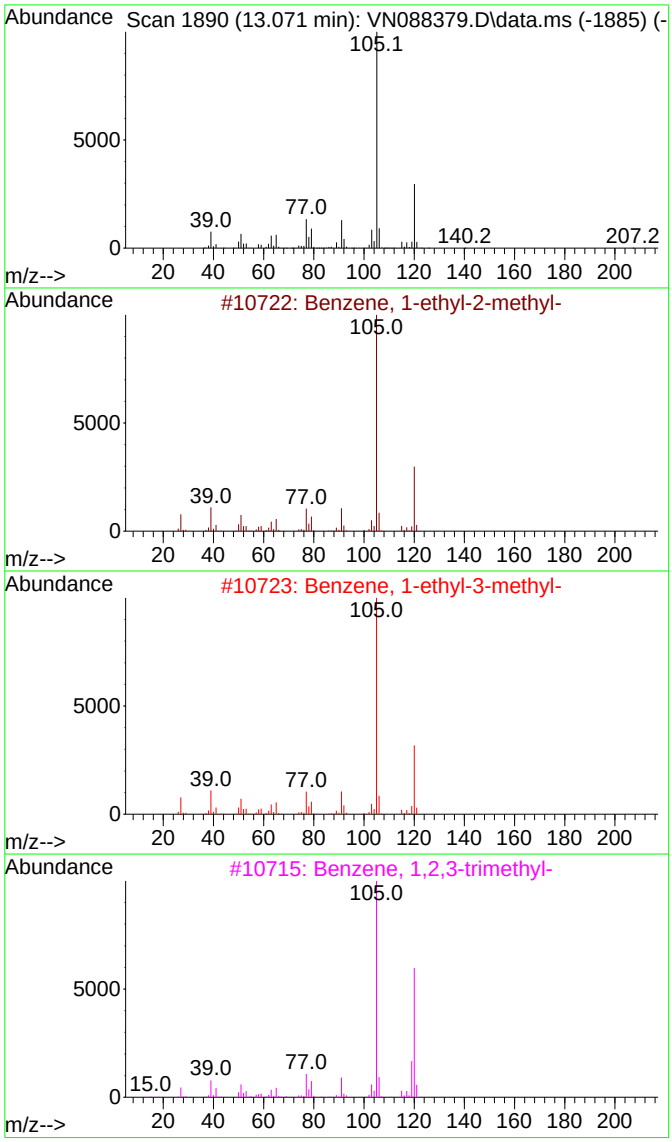
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

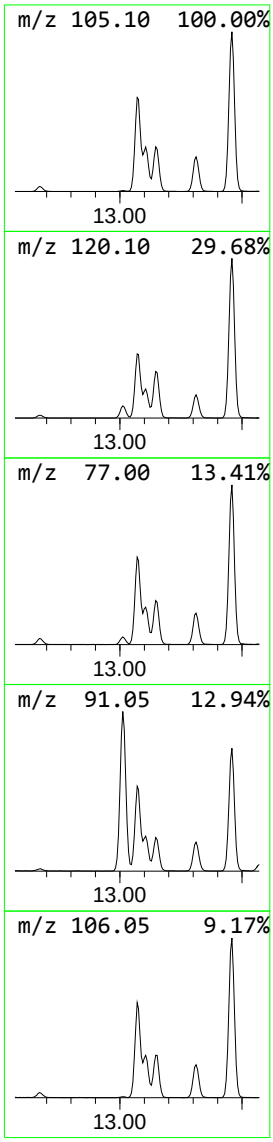
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.070	98.41 ug/l	18012500	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

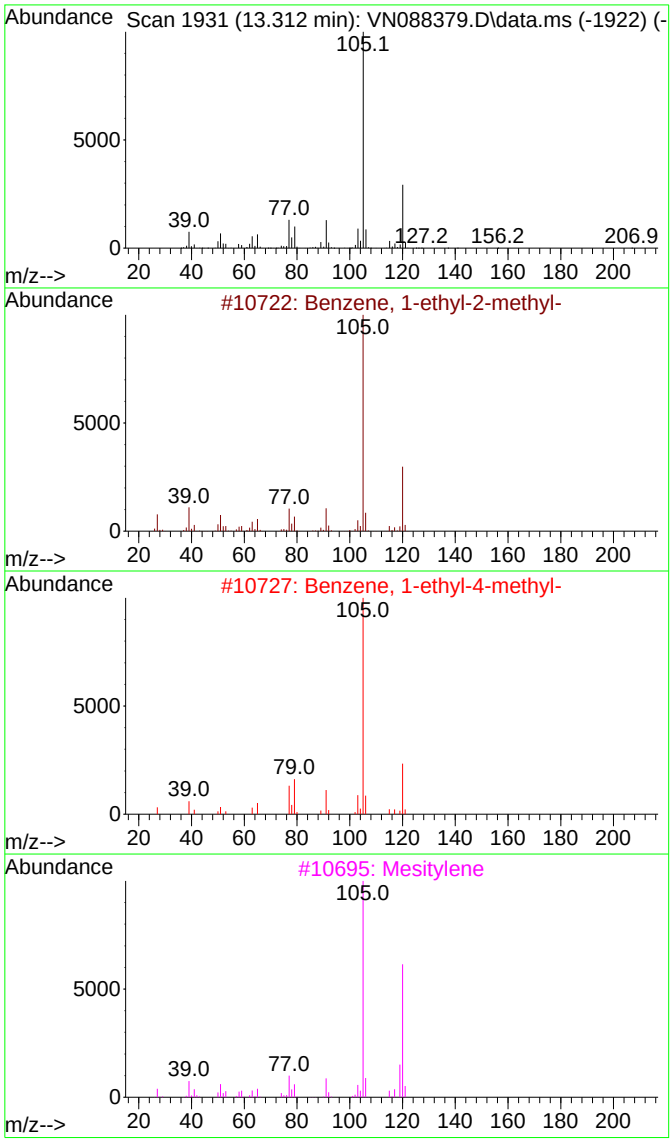
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

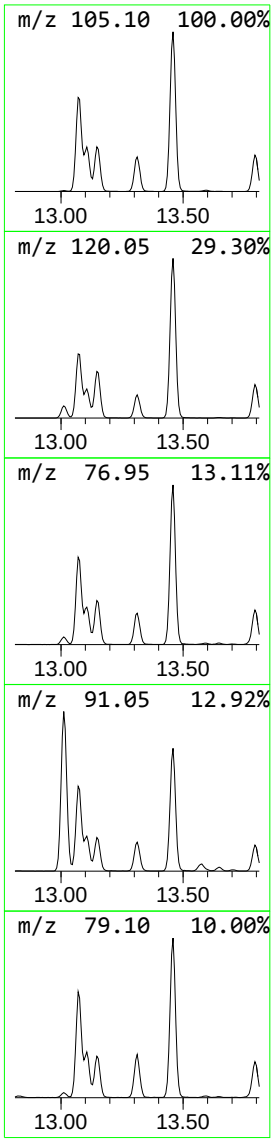
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	35.15 ug/l	6434530	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088379.D
Acq On : 01 Dec 2025 13:52
Operator : JC\MD
Sample : Q3716-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW7

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-	3.265	171.8	ug/l	10912000	1	8.206	3175230	50.0
2-Pentene, (E)-	3.865	43.2	ug/l	2742370	1	8.206	3175230	50.0
Cyclopropane, 1...	4.148	89.9	ug/l	5709210	1	8.206	3175230	50.0
Pentane, 2-methyl-	5.330	103.5	ug/l	6573370	1	8.206	3175230	50.0
Pentane, 3-methyl-	5.800	46.2	ug/l	2933290	1	8.206	3175230	50.0
Cyclopentane, m...	7.312	60.1	ug/l	3816890	1	8.206	3175230	50.0
Benzene, 1-ethy...	13.070	98.4	ug/l	18012500	4	13.771	9152010	50.0
Benzene, 1-ethy...	13.312	35.1	ug/l	6434530	4	13.771	9152010	50.0

Raw Data: **VN088405.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:	11/24/25
Project:	Adoni			Date Received:	11/24/25
Client Sample ID:	MW7DL			SDG No.:	Q3716
Lab Sample ID:	Q3716-04DL			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	44.0	UD	200	44.0	200	ug/L	12/02/25 13:16	VN120225
74-87-3	Chloromethane	64.0	UD	200	64.0	200	ug/L	12/02/25 13:16	VN120225
75-01-4	Vinyl Chloride	52.0	UD	200	52.0	200	ug/L	12/02/25 13:16	VN120225
74-83-9	Bromomethane	290	UD	200	290	1000	ug/L	12/02/25 13:16	VN120225
75-00-3	Chloroethane	94.0	UD	200	94.0	200	ug/L	12/02/25 13:16	VN120225
75-69-4	Trichlorofluoromethane	66.0	UD	200	66.0	200	ug/L	12/02/25 13:16	VN120225
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	UD	200	50.0	200	ug/L	12/02/25 13:16	VN120225
75-65-0	Tert butyl alcohol	1100	UD	200	1100	5000	ug/L	12/02/25 13:16	VN120225
75-35-4	1,1-Dichloroethene	46.0	UD	200	46.0	200	ug/L	12/02/25 13:16	VN120225
67-64-1	Acetone	300	UD	200	300	1000	ug/L	12/02/25 13:16	VN120225
75-15-0	Carbon Disulfide	42.0	UD	200	42.0	200	ug/L	12/02/25 13:16	VN120225
1634-04-4	Methyl tert-butyl Ether	32.0	UD	200	32.0	200	ug/L	12/02/25 13:16	VN120225
79-20-9	Methyl Acetate	54.0	UD	200	54.0	200	ug/L	12/02/25 13:16	VN120225
75-09-2	Methylene Chloride	56.0	UD	200	56.0	200	ug/L	12/02/25 13:16	VN120225
156-60-5	trans-1,2-Dichloroethene	46.0	UD	200	46.0	200	ug/L	12/02/25 13:16	VN120225
75-34-3	1,1-Dichloroethane	46.0	UD	200	46.0	200	ug/L	12/02/25 13:16	VN120225
110-82-7	Cyclohexane	660	JD	200	290	1000	ug/L	12/02/25 13:16	VN120225
78-93-3	2-Butanone	200	UD	200	200	1000	ug/L	12/02/25 13:16	VN120225
56-23-5	Carbon Tetrachloride	50.0	UD	200	50.0	200	ug/L	12/02/25 13:16	VN120225
156-59-2	cis-1,2-Dichloroethene	38.0	UD	200	38.0	200	ug/L	12/02/25 13:16	VN120225
74-97-5	Bromochloromethane	44.0	UD	200	44.0	200	ug/L	12/02/25 13:16	VN120225
67-66-3	Chloroform	50.0	UD	200	50.0	200	ug/L	12/02/25 13:16	VN120225
71-55-6	1,1,1-Trichloroethane	40.0	UD	200	40.0	200	ug/L	12/02/25 13:16	VN120225
108-87-2	Methylcyclohexane	390	D	200	32.0	200	ug/L	12/02/25 13:16	VN120225
71-43-2	Benzene	2100	D	200	30.0	200	ug/L	12/02/25 13:16	VN120225
107-06-2	1,2-Dichloroethane	44.0	UD	200	44.0	200	ug/L	12/02/25 13:16	VN120225
79-01-6	Trichloroethene	18.6	UD	200	18.6	200	ug/L	12/02/25 13:16	VN120225
78-87-5	1,2-Dichloropropane	40.0	UD	200	40.0	200	ug/L	12/02/25 13:16	VN120225
75-27-4	Bromodichloromethane	44.0	UD	200	44.0	200	ug/L	12/02/25 13:16	VN120225
108-10-1	4-Methyl-2-Pentanone	140	UD	200	140	1000	ug/L	12/02/25 13:16	VN120225
108-88-3	Toluene	13000	D	200	28.0	200	ug/L	12/02/25 13:16	VN120225
10061-02-6	t-1,3-Dichloropropene	34.0	UD	200	34.0	200	ug/L	12/02/25 13:16	VN120225
10061-01-5	cis-1,3-Dichloropropene	32.0	UD	200	32.0	200	ug/L	12/02/25 13:16	VN120225
79-00-5	1,1,2-Trichloroethane	42.0	UD	200	42.0	200	ug/L	12/02/25 13:16	VN120225
591-78-6	2-Hexanone	180	UD	200	180	1000	ug/L	12/02/25 13:16	VN120225
124-48-1	Dibromochloromethane	36.0	UD	200	36.0	200	ug/L	12/02/25 13:16	VN120225
106-93-4	1,2-Dibromoethane	30.0	UD	200	30.0	200	ug/L	12/02/25 13:16	VN120225
127-18-4	Tetrachloroethene	46.0	UD	200	46.0	200	ug/L	12/02/25 13:16	VN120225
108-90-7	Chlorobenzene	24.0	UD	200	24.0	200	ug/L	12/02/25 13:16	VN120225
100-41-4	Ethyl Benzene	3800	D	200	26.0	200	ug/L	12/02/25 13:16	VN120225
179601-23-1	m/p-Xylenes	19200	D	200	48.0	400	ug/L	12/02/25 13:16	VN120225
95-47-6	o-Xylene	7400	D	200	24.0	200	ug/L	12/02/25 13:16	VN120225
100-42-5	Styrene	30.0	UD	200	30.0	200	ug/L	12/02/25 13:16	VN120225

Raw Data: **VN088405.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:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW7DL	SDG No.:	Q3716
Lab Sample ID:	Q3716-04DL	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	38.0	UD	200	38.0	200	ug/L	12/02/25 13:16	VN120225
98-82-8	Isopropylbenzene	170	JD	200	24.0	200	ug/L	12/02/25 13:16	VN120225
79-34-5	1,1,2,2-Tetrachloroethane	52.0	UD	200	52.0	200	ug/L	12/02/25 13:16	VN120225
95-63-6	1,2,4-Trimethylbenzene	6600	D	200	28.0	200	ug/L	12/02/25 13:16	VN120225
541-73-1	1,3-Dichlorobenzene	32.0	UD	200	32.0	200	ug/L	12/02/25 13:16	VN120225
106-46-7	1,4-Dichlorobenzene	38.0	UD	200	38.0	200	ug/L	12/02/25 13:16	VN120225
95-50-1	1,2-Dichlorobenzene	32.0	UD	200	32.0	200	ug/L	12/02/25 13:16	VN120225
96-12-8	1,2-Dibromo-3-Chloropropane	110	UD	200	110	200	ug/L	12/02/25 13:16	VN120225
120-82-1	1,2,4-Trichlorobenzene	40.0	UD	200	40.0	200	ug/L	12/02/25 13:16	VN120225
87-61-6	1,2,3-Trichlorobenzene	40.0	UD	200	40.0	200	ug/L	12/02/25 13:16	VN120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.0			70 (74) - 130 (125)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	49.6			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.7			70 (77) - 130 (121)	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	405000							
3114-55-4	Chlorobenzene-d5	399000							
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

Sample Results: **VN088405.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088405.D
Acq On : 02 Dec 2025 13:16
Operator : JC\MD
Sample : Q3716-04DL 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 01:28:23 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 :
MW7DL

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	179775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	404613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	399064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	196778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192978	56.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.147	113	145835	52.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	10.541	98	517482	49.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.829	95	199337	55.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.380%			
Target Compounds						Qvalue
31) Cyclohexane	8.200	56	14628m	3.284	ug/l	
39) Methylcyclohexane	9.577	83	8947	1.933	ug/l #	72
40) Benzene	8.588	78	133961	10.547	ug/l	99
52) Toluene	10.606	92	476203	64.933	ug/l	100
67) Ethyl Benzene	11.941	91	299620	19.125	ug/l	100
68) m/p-Xylenes	12.041	106	558226	96.101	ug/l	98
69) o-Xylene	12.376	106	203557	36.757	ug/l	100
73) Isopropylbenzene	12.676	105	12257	0.842	ug/l	97
78) n-propylbenzene	13.012	91	57132	3.210	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	112000	9.290	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	397842	33.199	ug/l	99
85) sec-Butylbenzene	13.594	105	6021m	0.409	ug/l	
89) n-Butylbenzene	14.035	91	10022m	0.855	ug/l	

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

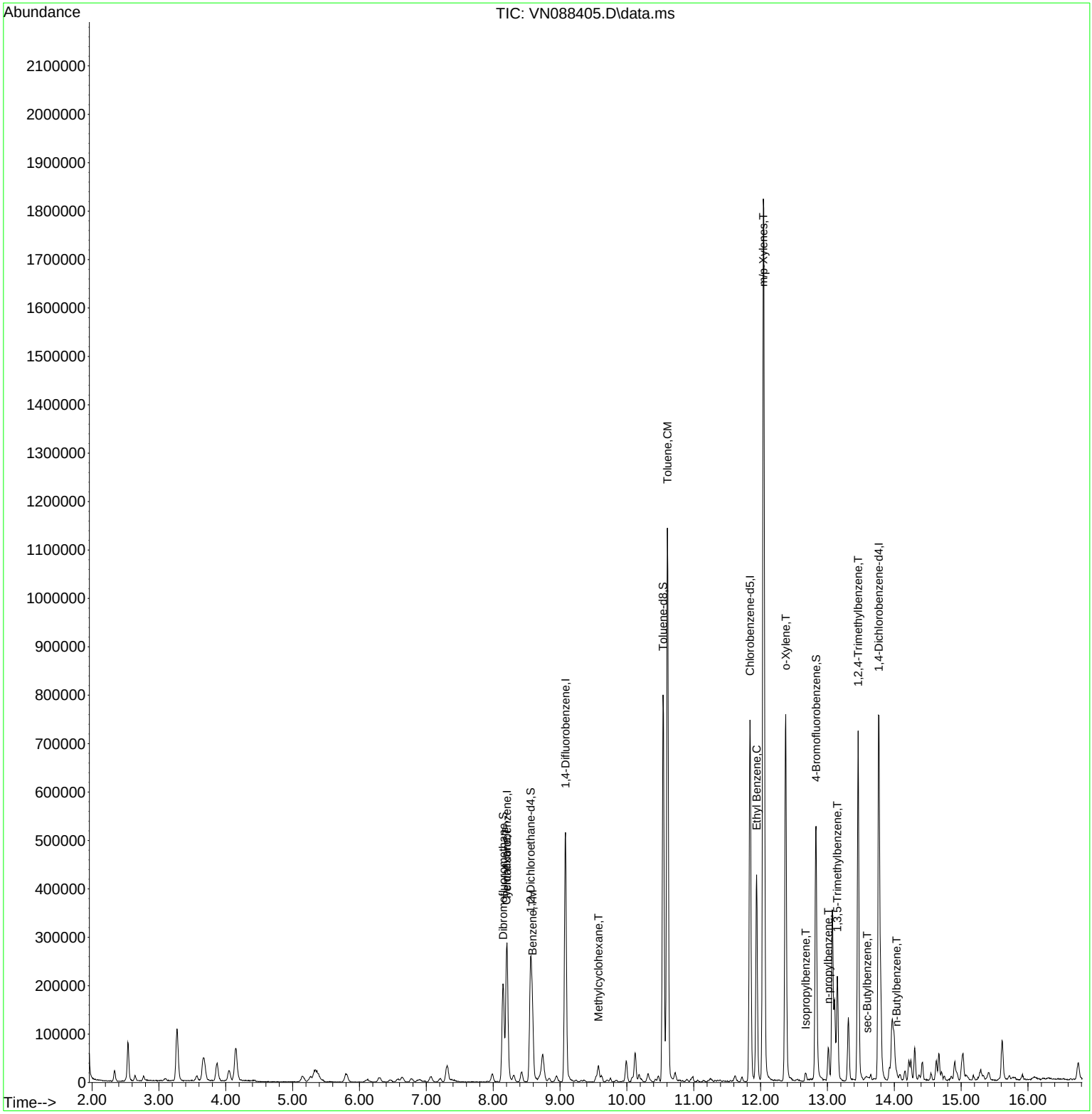
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088405.D
Acq On : 02 Dec 2025 13:16
Operator : JC\MD
Sample : Q3716-04DL 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

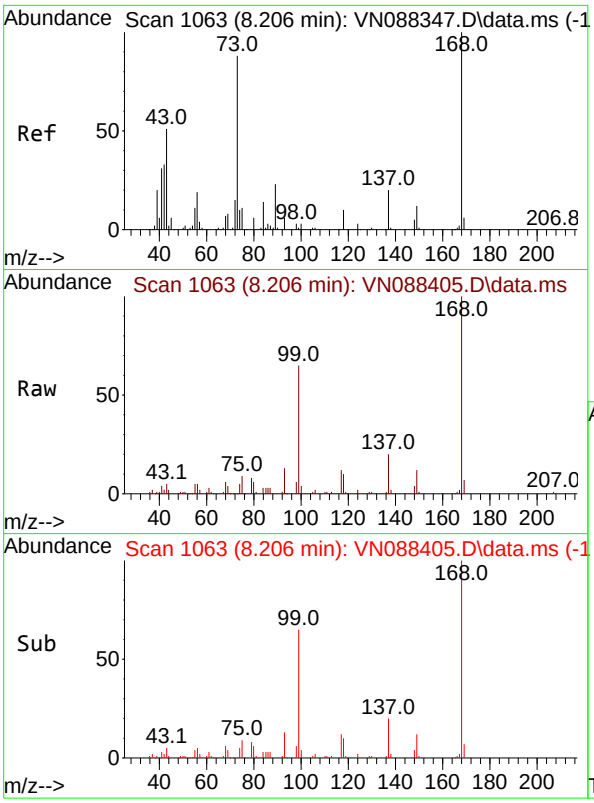
Quant Time: Dec 03 01:28:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations APPROVED

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

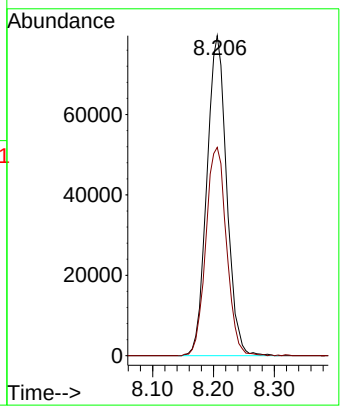




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:168 Resp: 17977

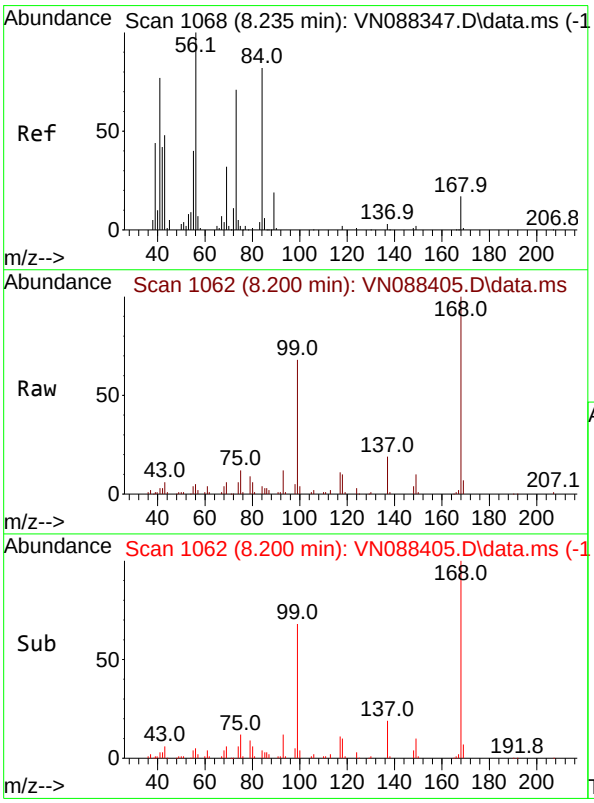
Ion	Ratio	Lower	Upper
168	100		
99	65.1	57.1	85.7



Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

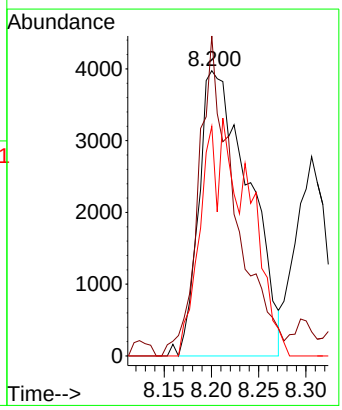
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

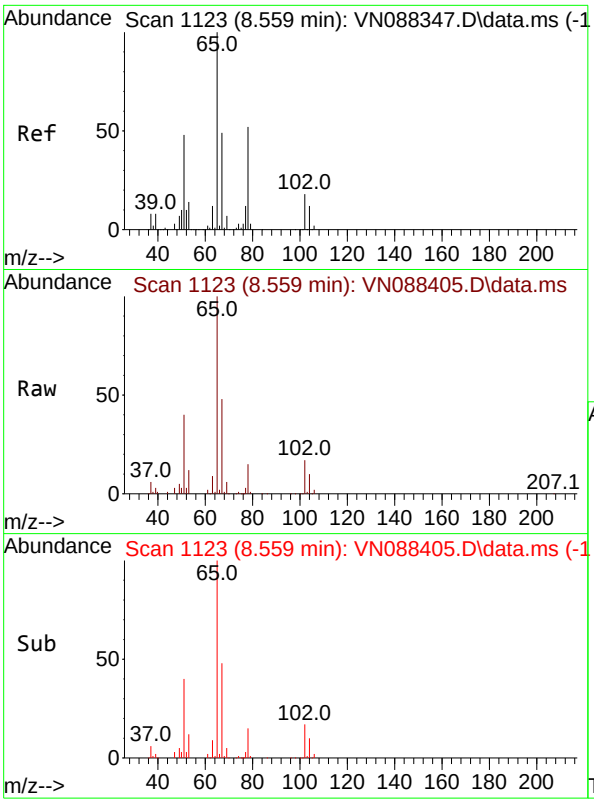


#31
Cyclohexane
Concen: 3.284 ug/l m
RT: 8.200 min Scan# 1062
Delta R.T. -0.035 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 56 Resp: 14628

Ion	Ratio	Lower	Upper
56	100		
69	112.1	25.3	37.9#
84	80.5	65.4	98.2

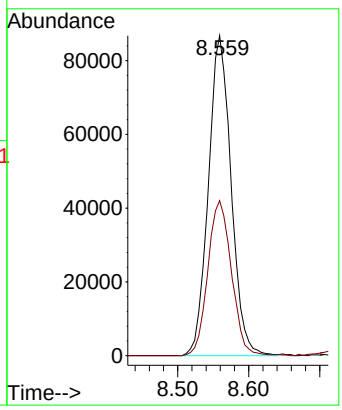




#33
1,2-Dichloroethane-d4
Concen: 56.983 ug/l
RT: 8.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 65 Resp: 19297

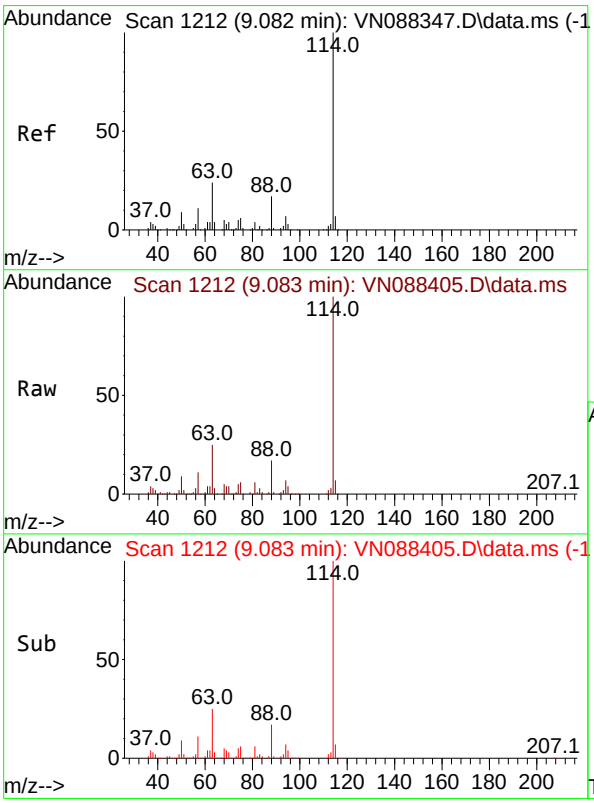
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.8



Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

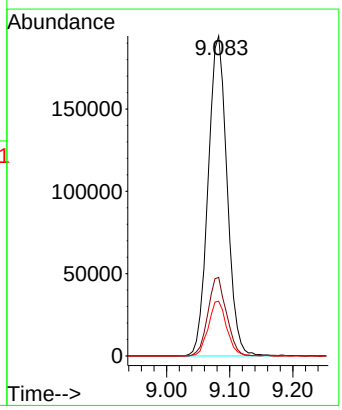
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

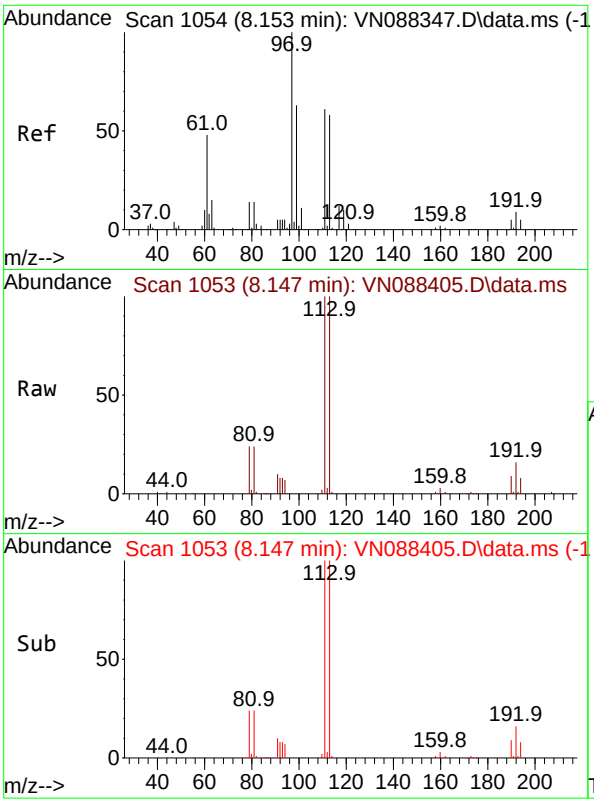


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:114 Resp: 404613

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.0
88	17.1	0.0	34.0

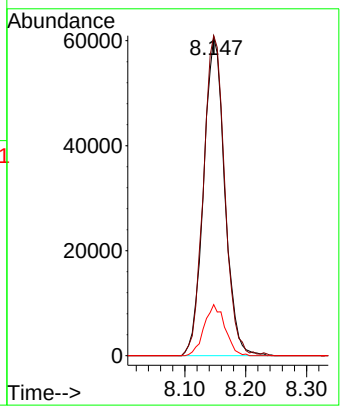




#35
Dibromofluoromethane
Concen: 52.011 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:113 Resp: 14583

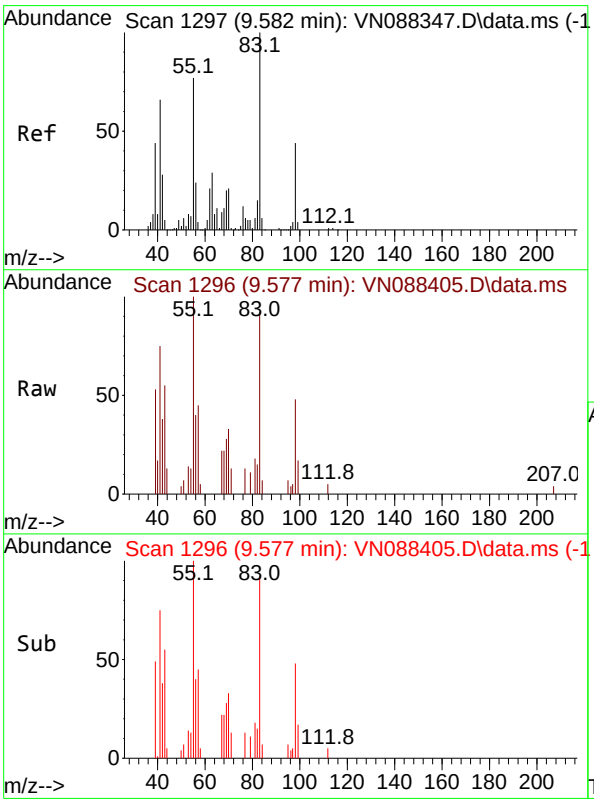
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.5	123.7
192	15.8	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

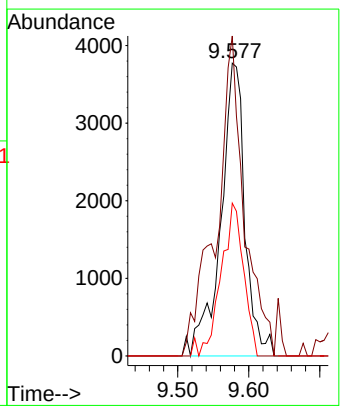
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

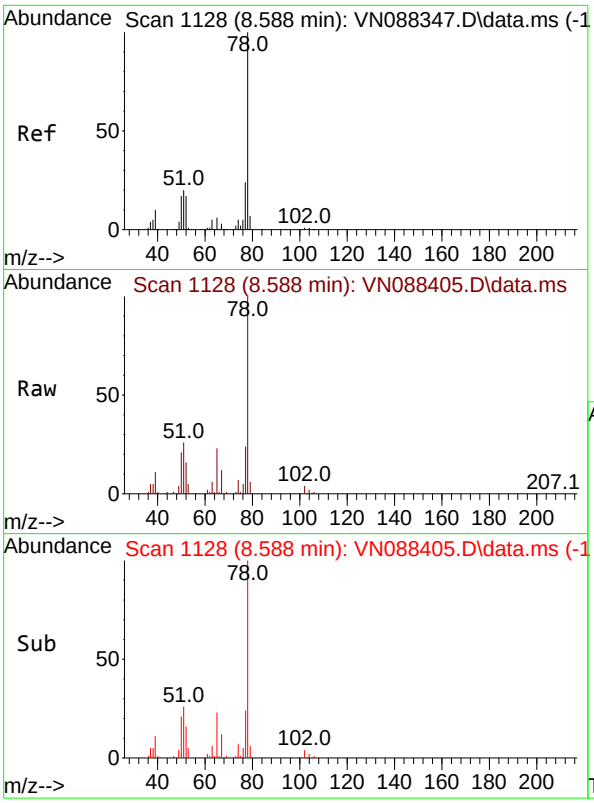


#39
Methylcyclohexane
Concen: 1.933 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 83 Resp: 8947

Ion	Ratio	Lower	Upper
83	100		
55	109.3	61.6	92.4#
98	52.2	35.3	52.9





#40
Benzene
Concen: 10.547 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

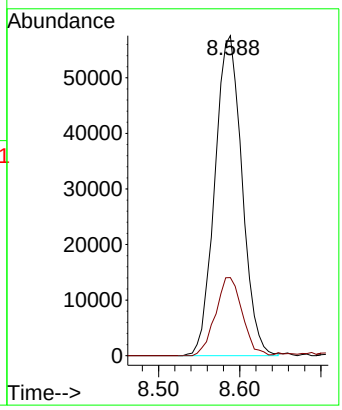
Tgt Ion: 78 Resp: 13396

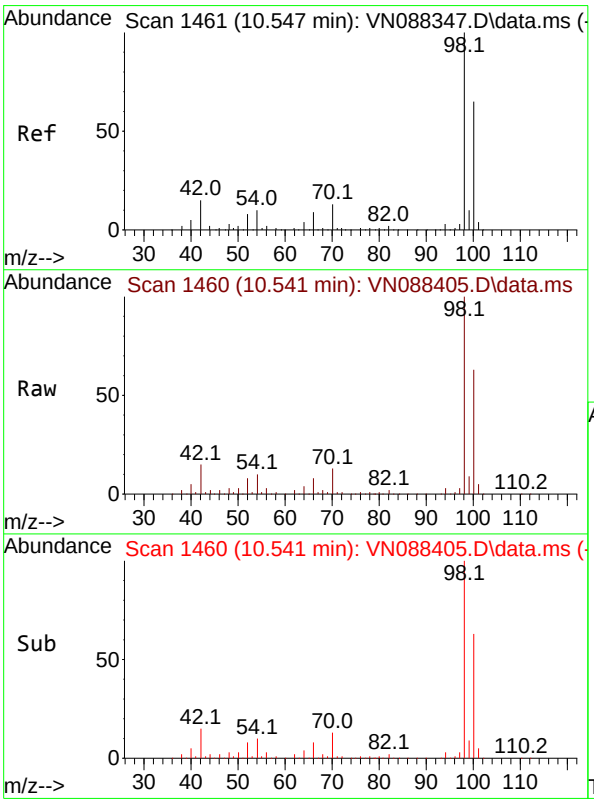
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

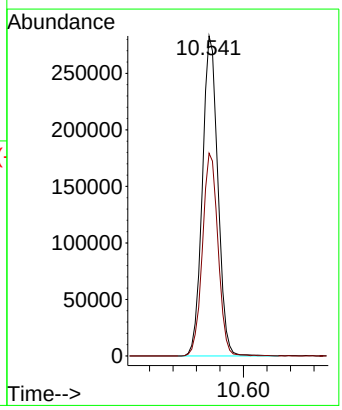


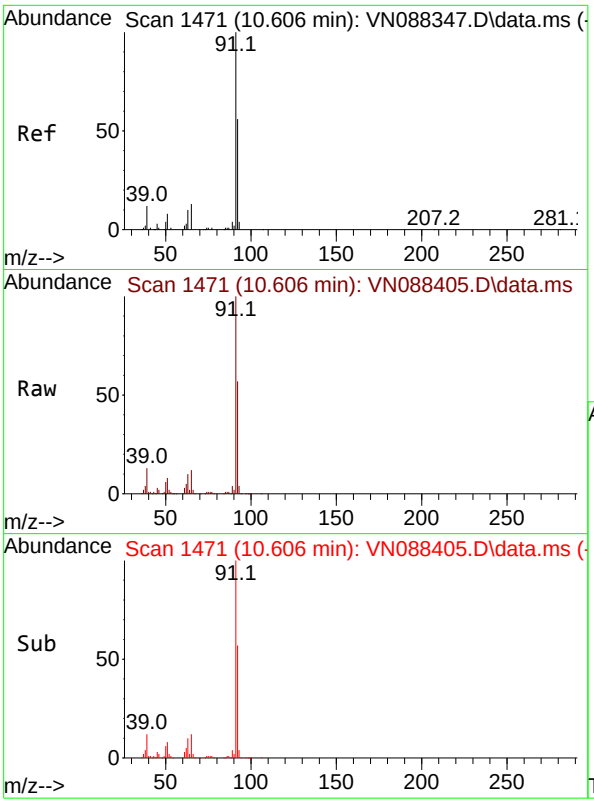


#50
Toluene-d8
Concen: 49.601 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 98 Resp: 517482

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2





#52
Toluene
Concen: 64.933 ug/l
RT: 10.606 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

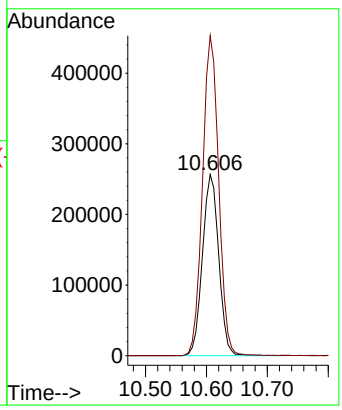
Tgt Ion: 92 Resp: 47620

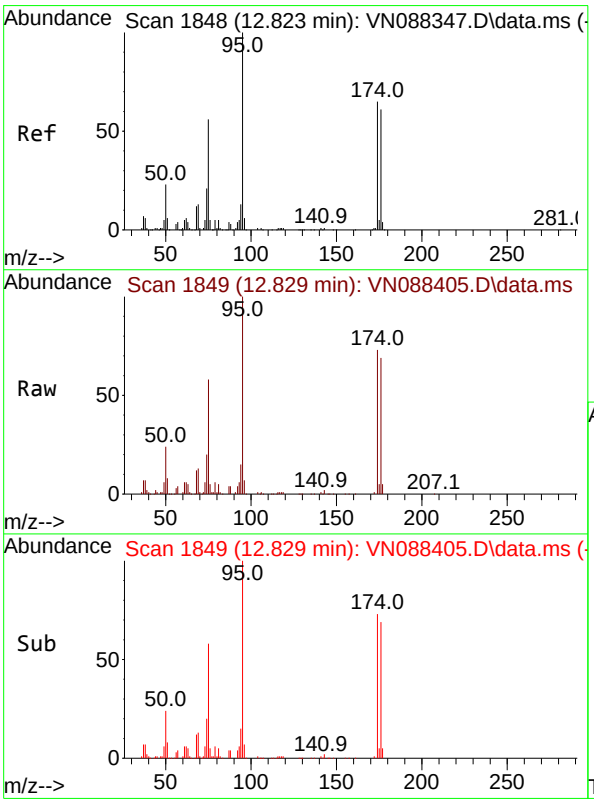
Ion	Ratio	Lower	Upper
92	100		
91	175.3	140.2	210.2

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

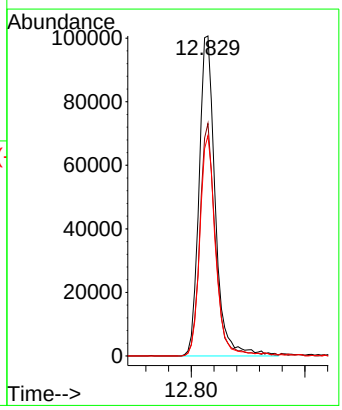


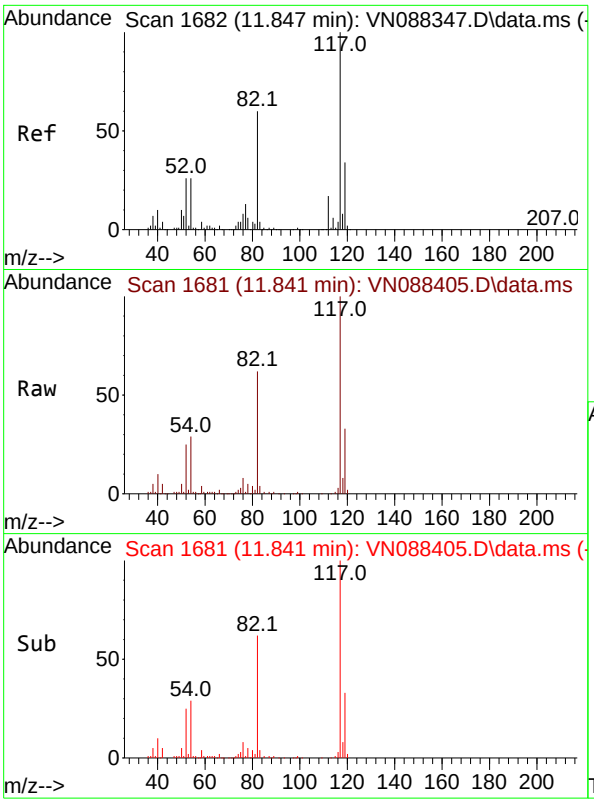


#62
4-Bromofluorobenzene
Concen: 55.685 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 95 Resp: 199337

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	139.0
176	66.3	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: VN088405.D
Acq: 02 Dec 2025 13:16

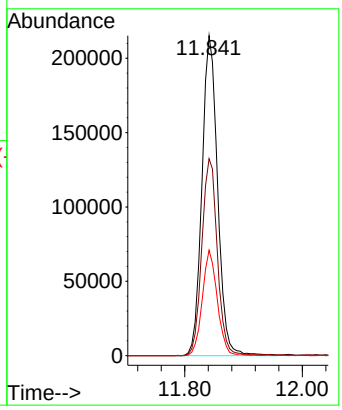
Tgt Ion:117 Resp: 39906

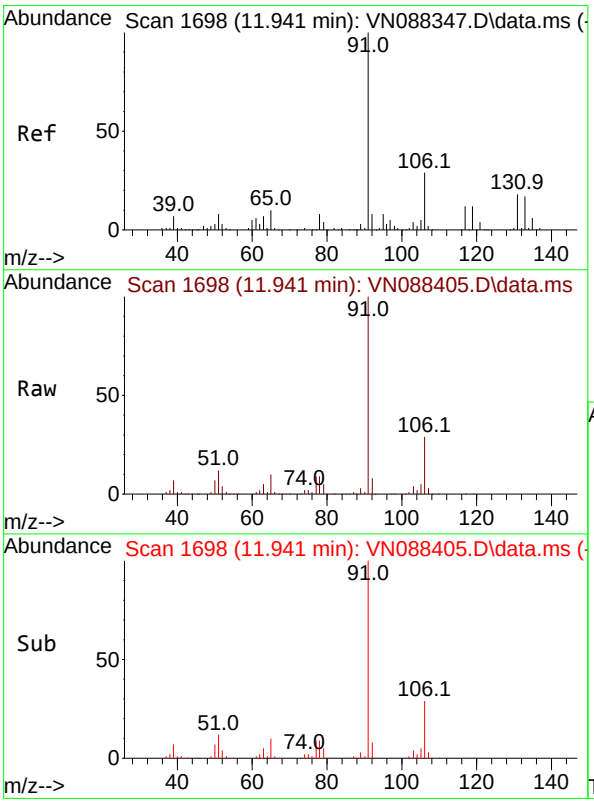
Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.8	71.8
119	32.9	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

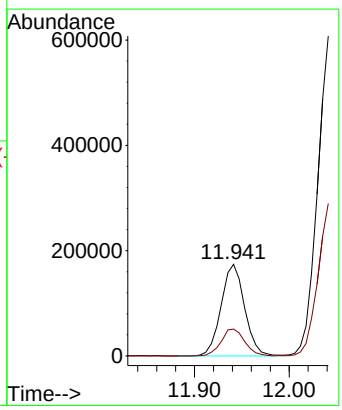


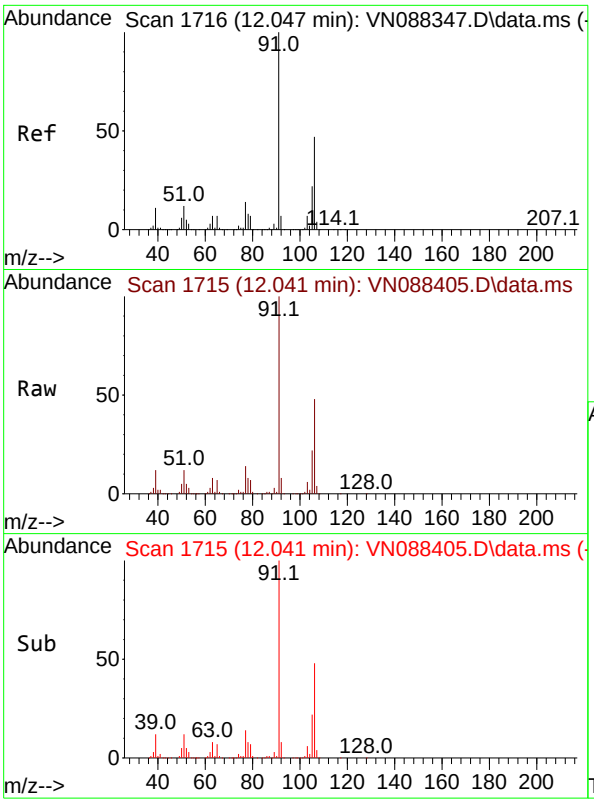


#67
Ethyl Benzene
Concen: 19.125 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 91 Resp: 299620

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.6	35.4





#68
m/p-Xylenes
Concen: 96.101 ug/l
RT: 12.041 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

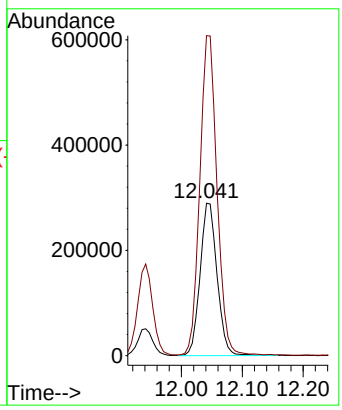
Tgt Ion:106 Resp: 55822

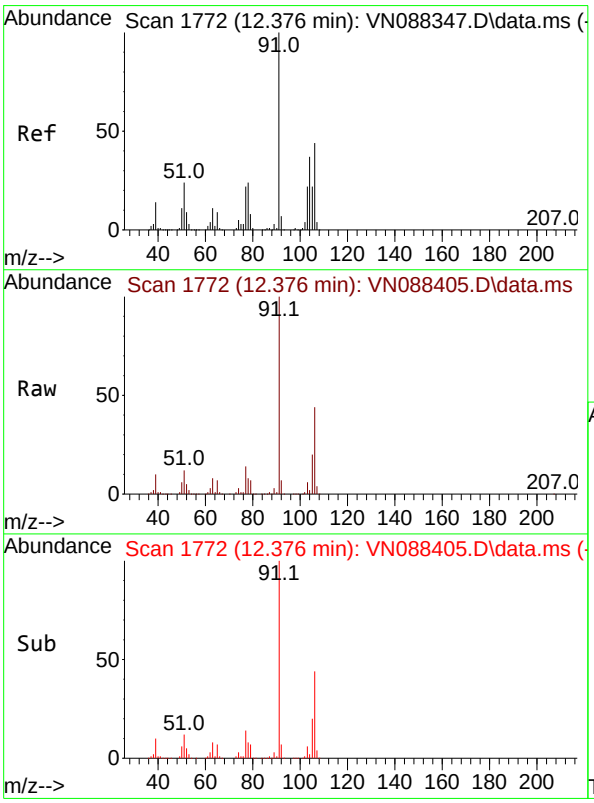
Ion	Ratio	Lower	Upper
106	100		
91	212.4	167.8	251.6

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

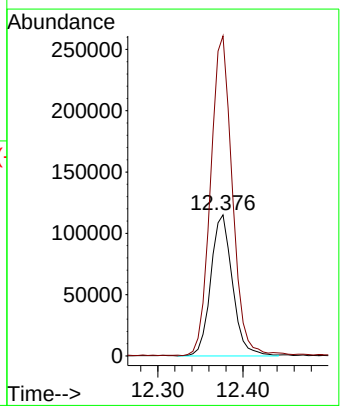


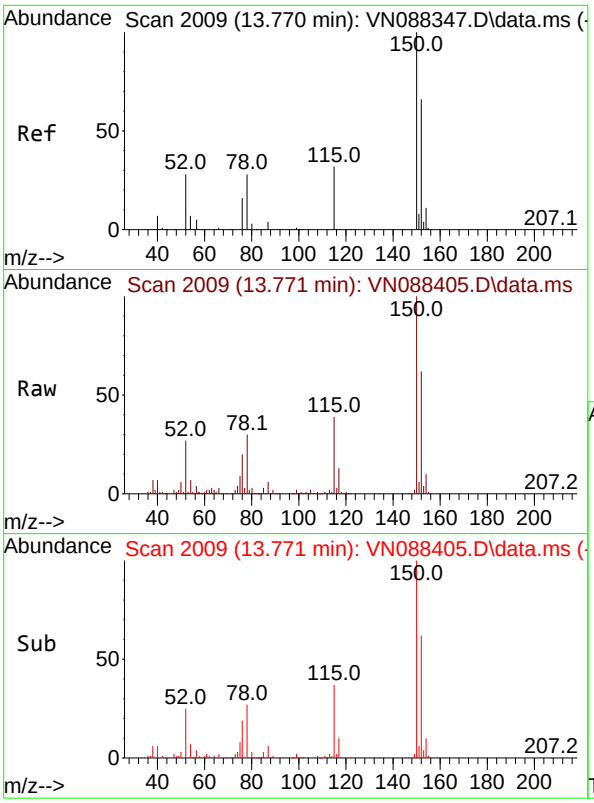


#69
o-Xylene
Concen: 36.757 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:106 Resp: 203557

Ion	Ratio	Lower	Upper
106	100		
91	226.1	112.9	338.7

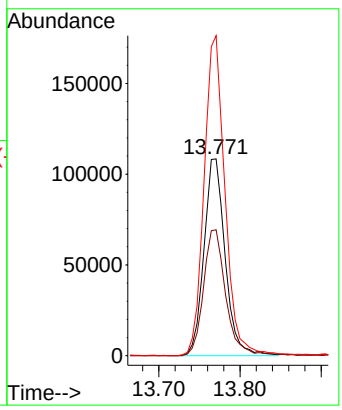




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:152 Resp: 19677

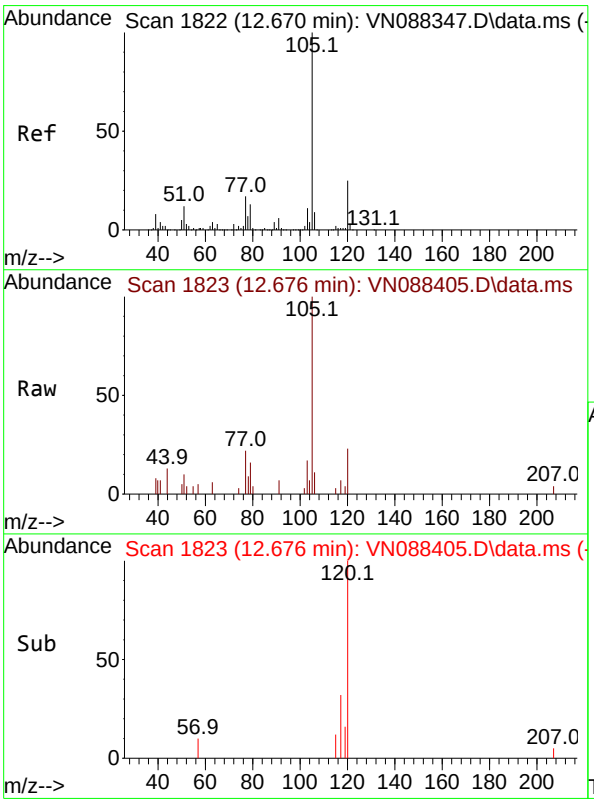
Ion	Ratio	Lower	Upper
152	100		
115	67.4	33.0	98.9
150	160.9	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

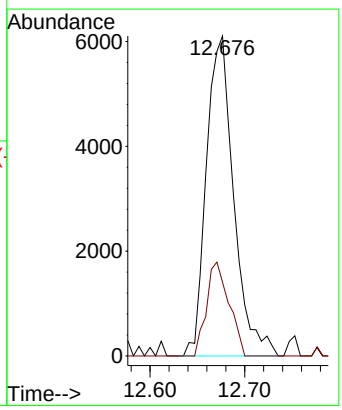
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

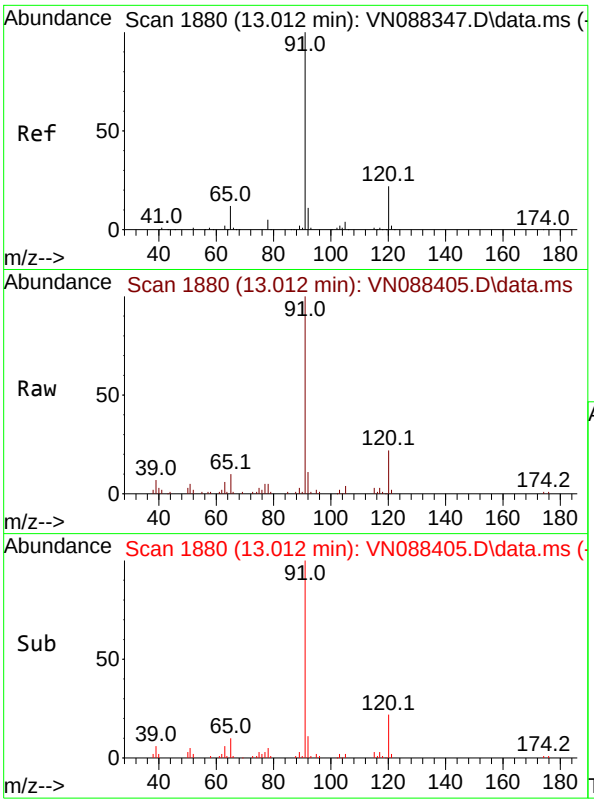


#73
Isopropylbenzene
Concen: 0.842 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:105 Resp: 12257

Ion	Ratio	Lower	Upper
105	100		
120	24.0	12.8	38.3





#78
n-propylbenzene
Concen: 3.210 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

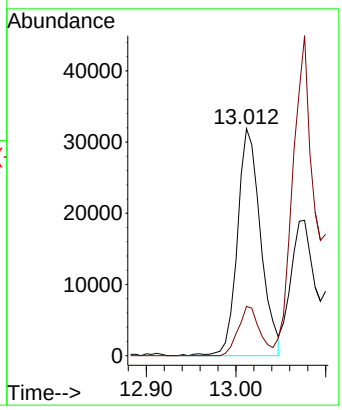
Tgt Ion: 91 Resp: 5713

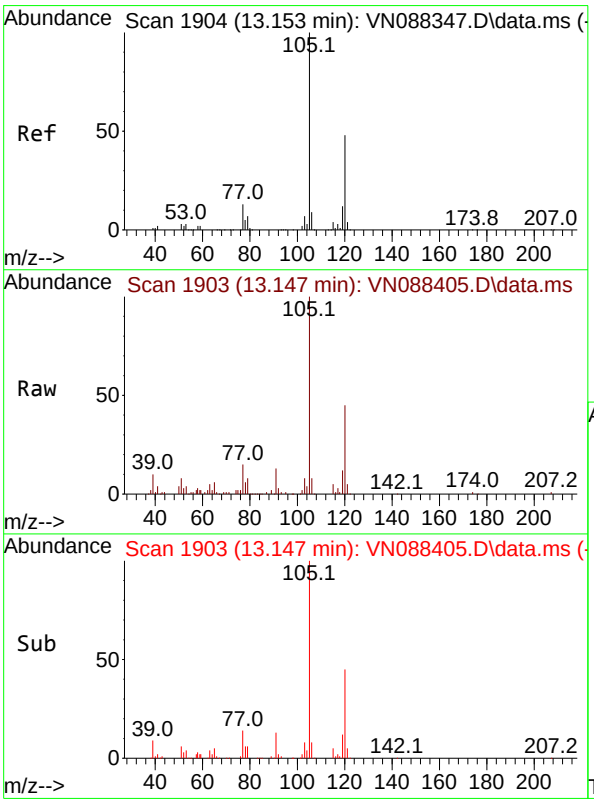
Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.9	32.6

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

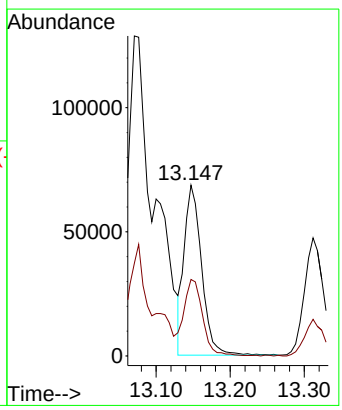


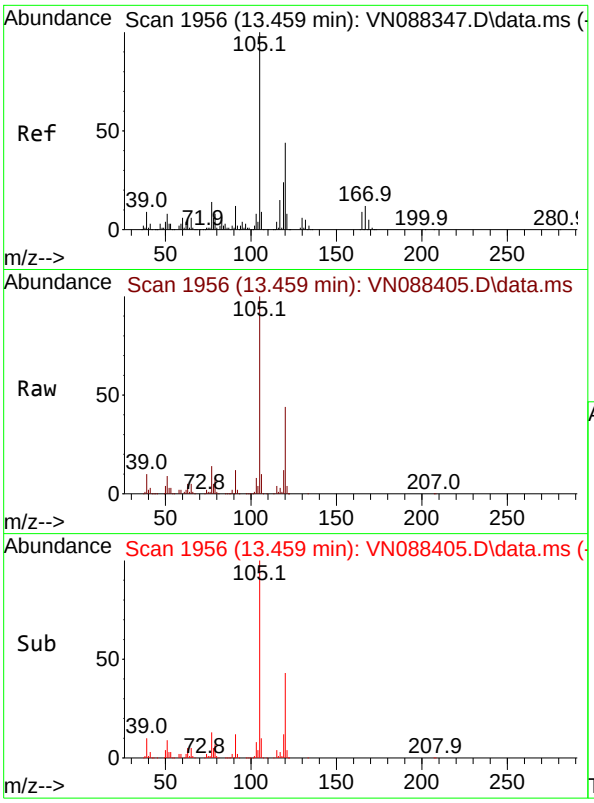


#80
1,3,5-Trimethylbenzene
Concen: 9.290 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:105 Resp: 112000

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.8	71.5





#84
1,2,4-Trimethylbenzene
Concen: 33.199 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

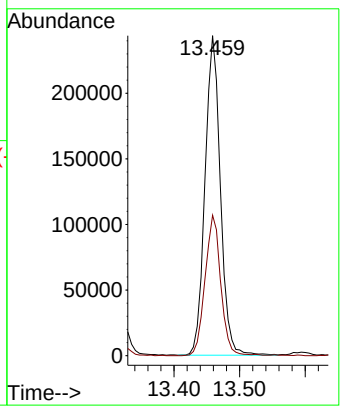
Tgt Ion:105 Resp: 39784

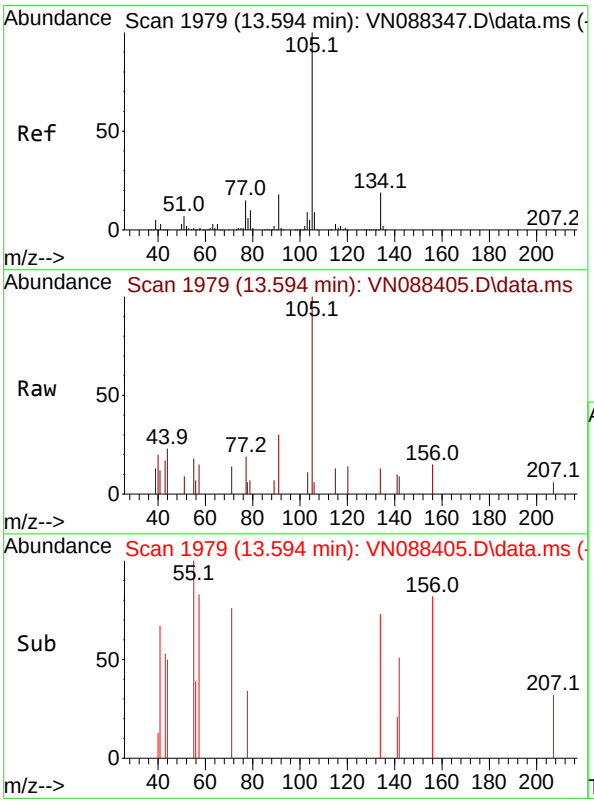
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1

Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

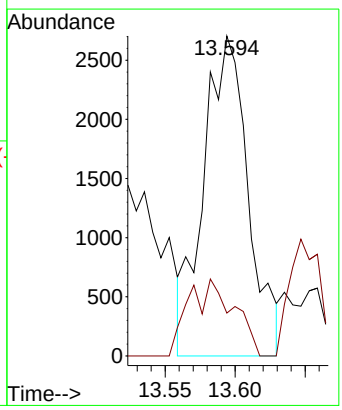


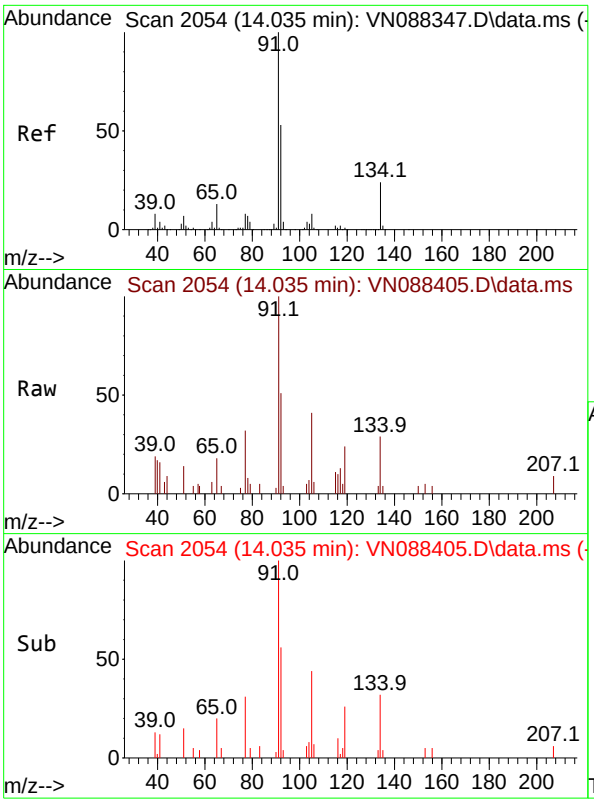


#85
sec-Butylbenzene
Concen: 0.409 ug/l m
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:105 Resp: 6021

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

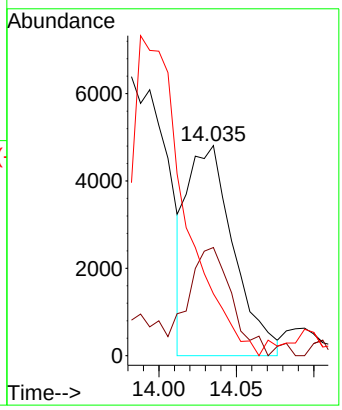




#89
n-Butylbenzene
Concen: 0.855 ug/l m
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 91 Resp: 1002

Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.1	78.3
134	0.0	11.7	35.1#



Instrument :
MSVOA_N
ClientSampleId :
MW7DL

Manual Integrations
APPROVED

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

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3716

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.: Q3716

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
1,2,4-Trimethylbenzene	2.572	2.827	3.310	3.112	3.344	3.105	3.045	9.7
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

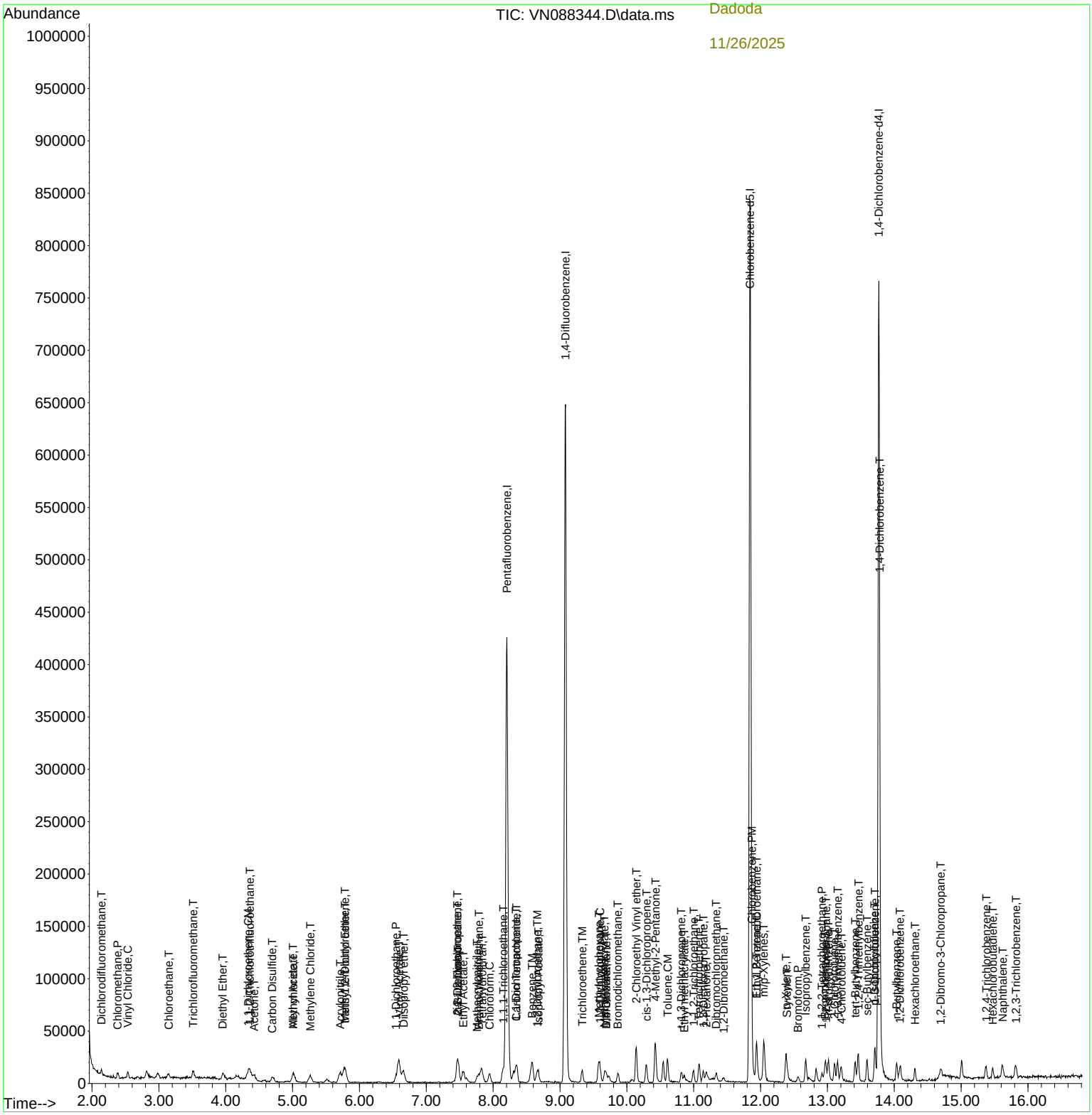
Manual Integrations APPROVED

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

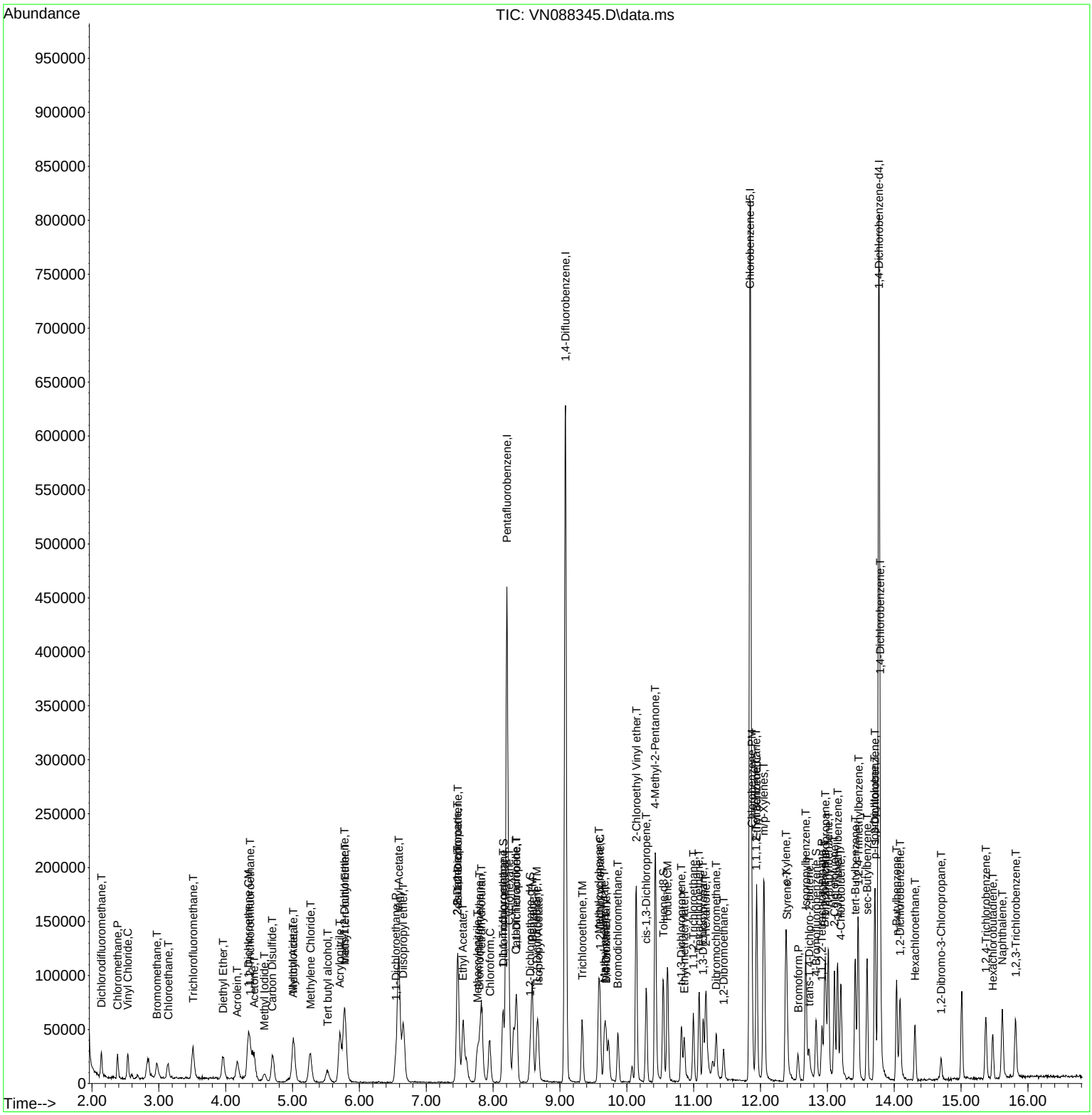
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088345.D
Acq On : 24 Nov 2025 13:11
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

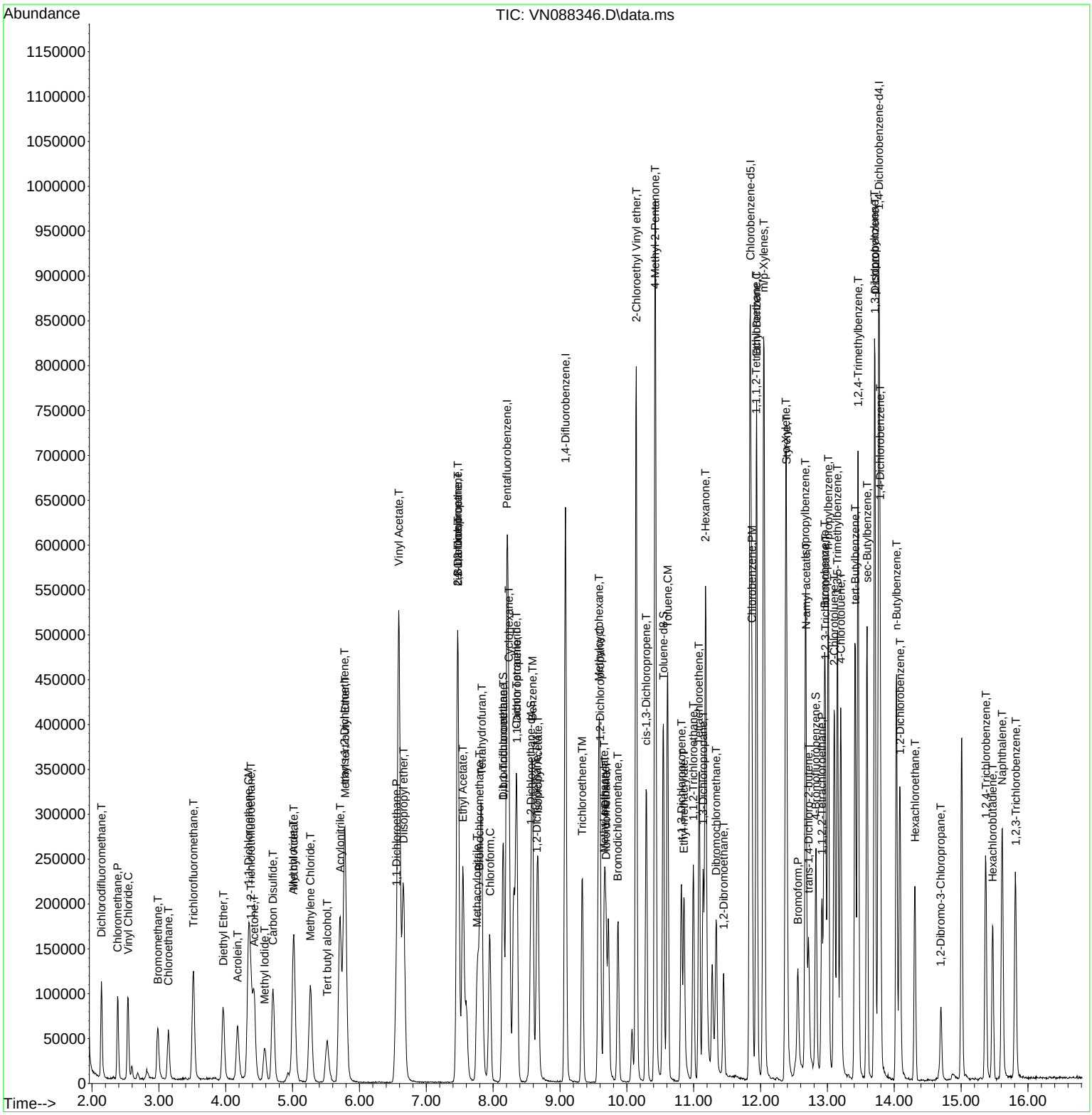
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088346.D
Acq On : 24 Nov 2025 13:32
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

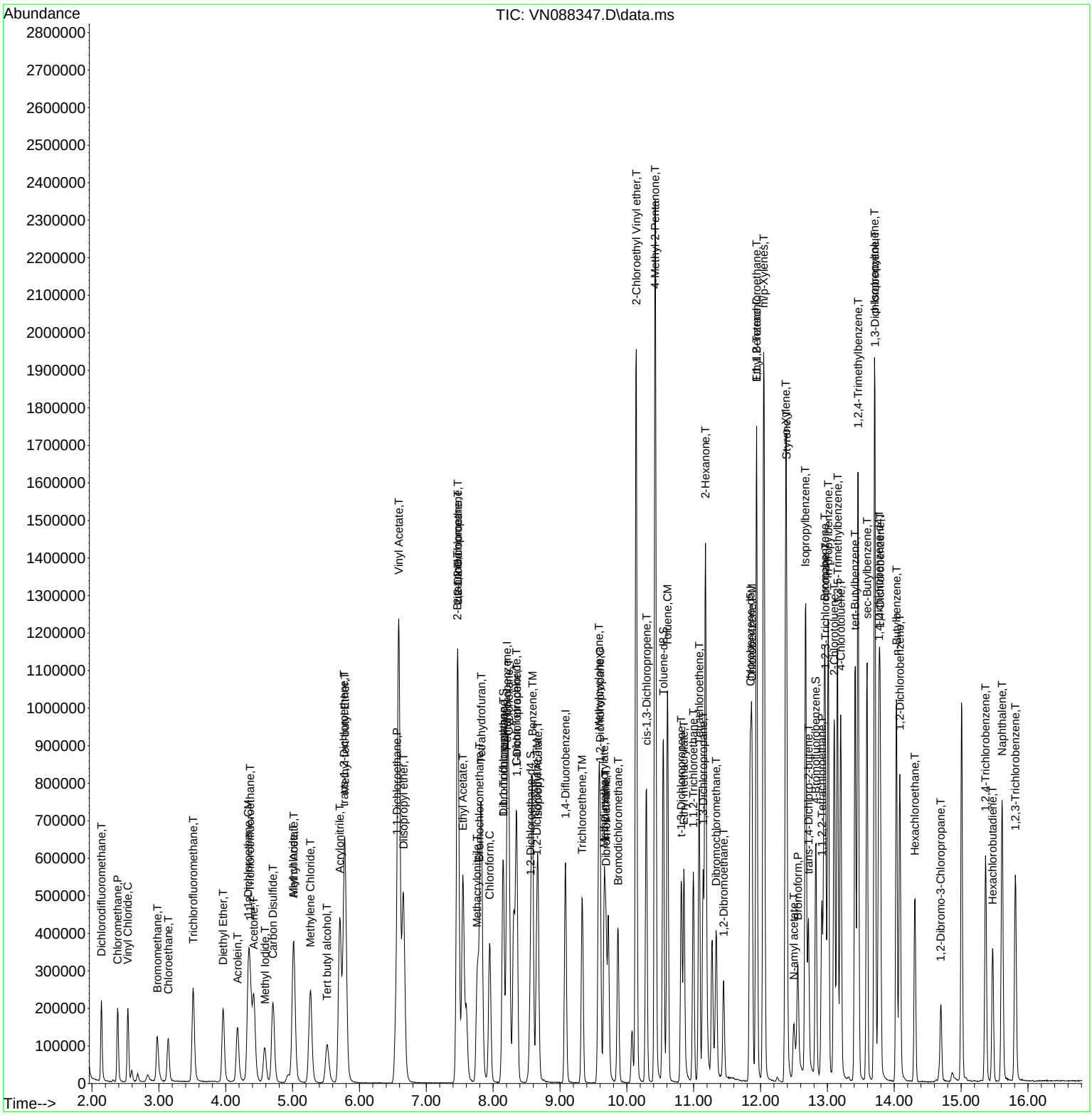
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088347.D
Acq On : 24 Nov 2025 13:53
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

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

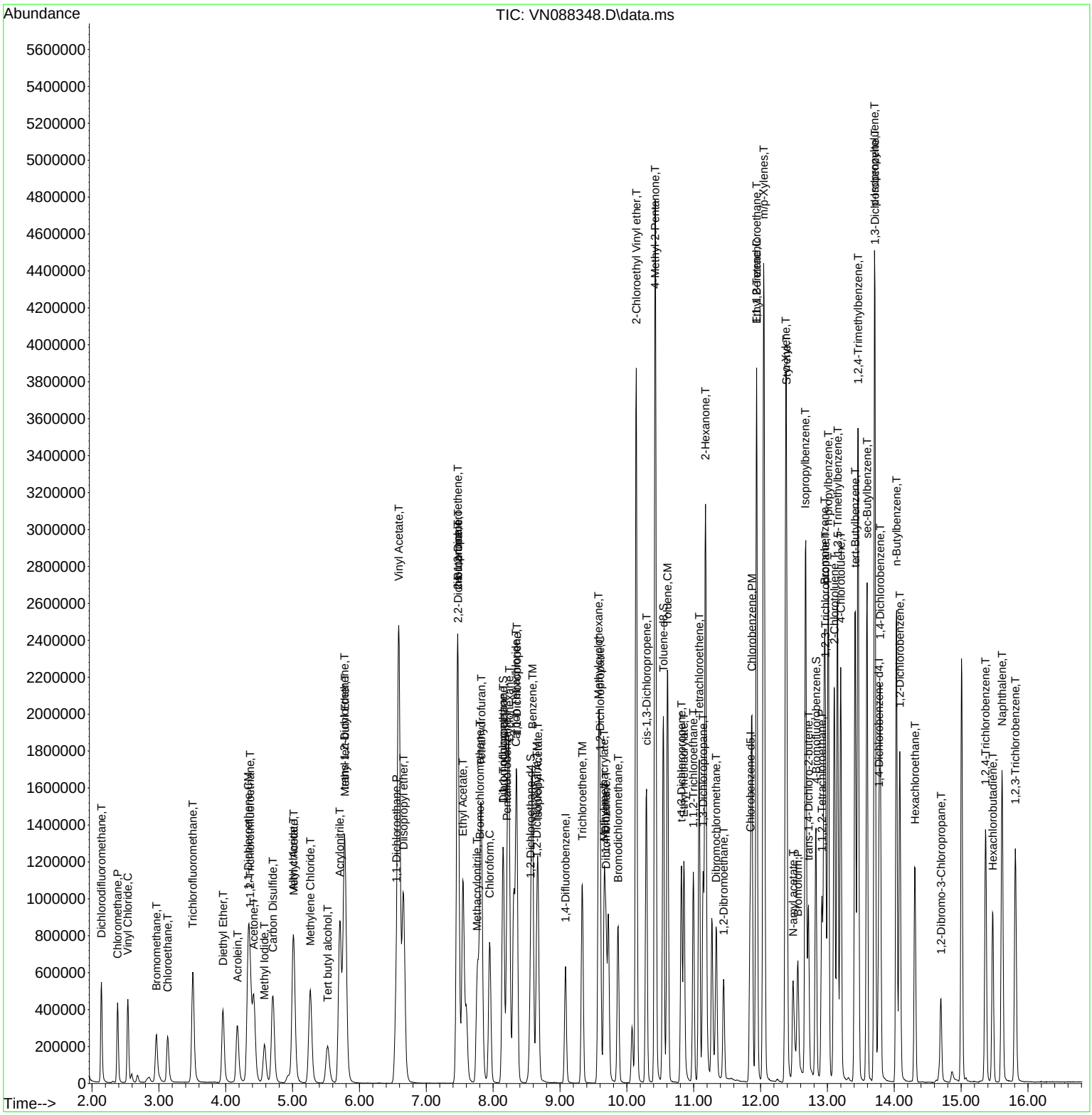
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088348.D
Acq On : 24 Nov 2025 14:14
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

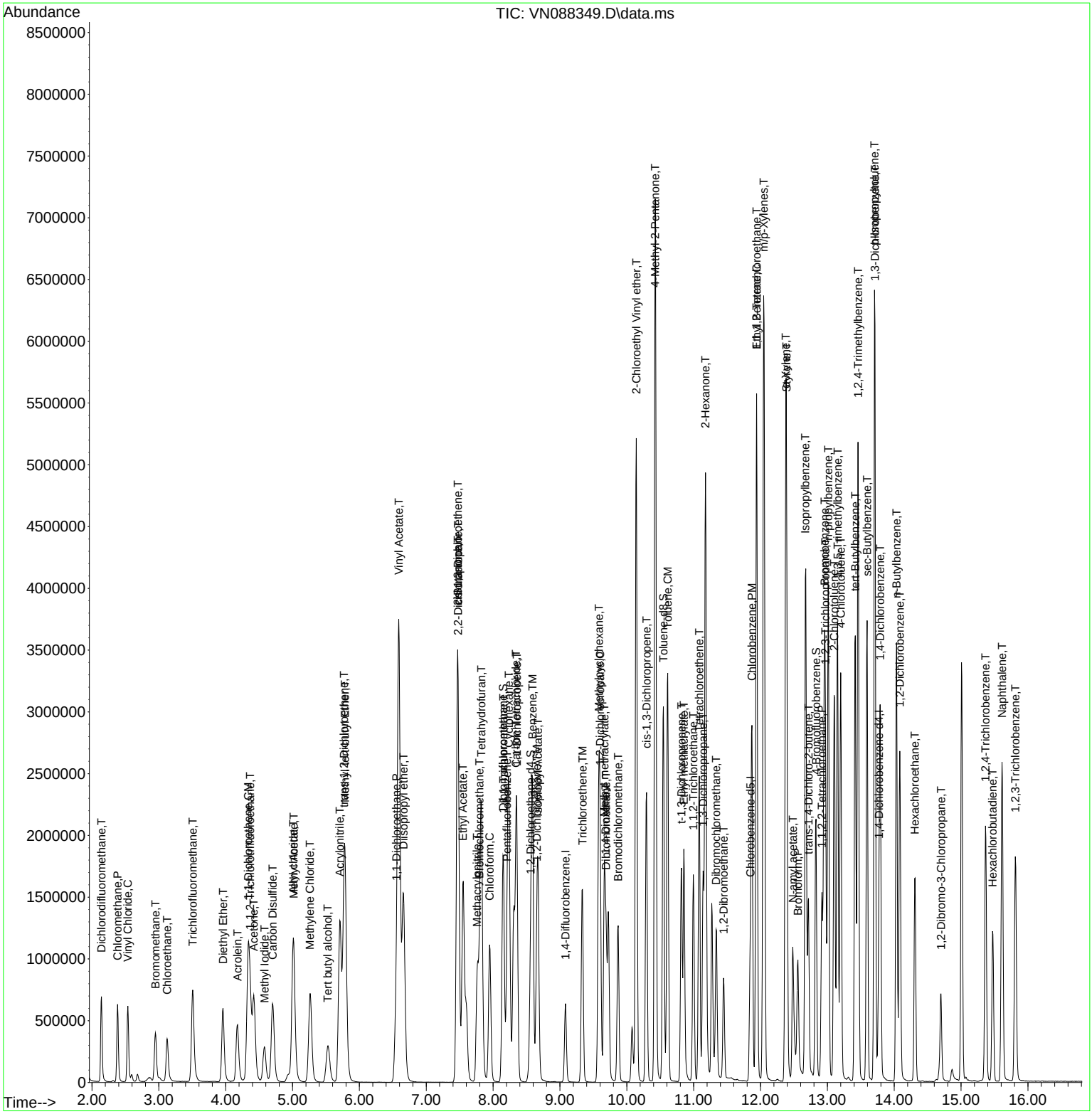
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088349.D
Acq On : 24 Nov 2025 14:35
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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)
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

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

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

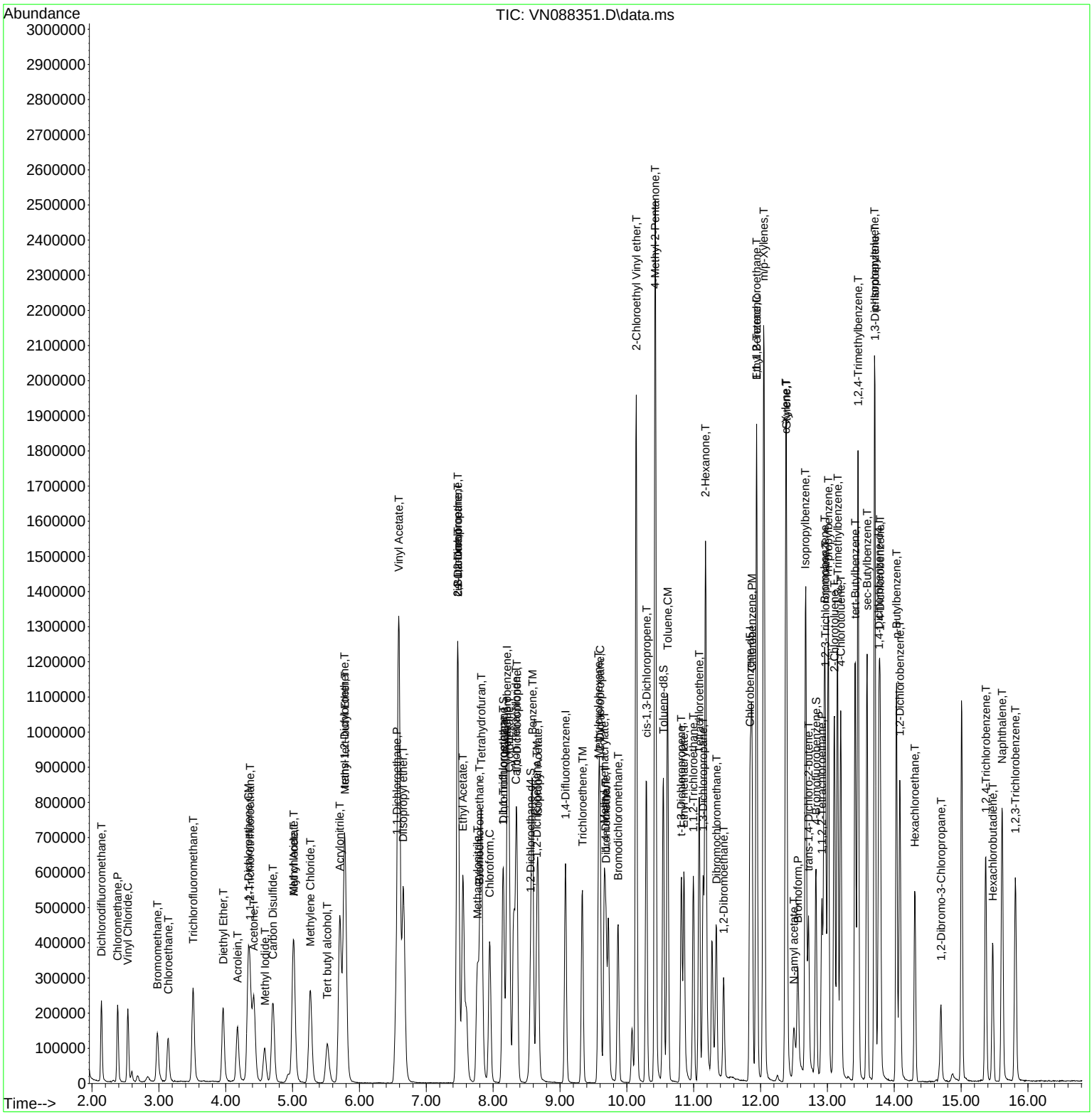
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088351.D
Acq On : 24 Nov 2025 15:18
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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



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

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)
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

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)
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.:	Q3716
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.

Raw Data: **VN088370.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.:	Q3716
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
1,2,4-Trimethylbenzene	3.045	3.569		17.21	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

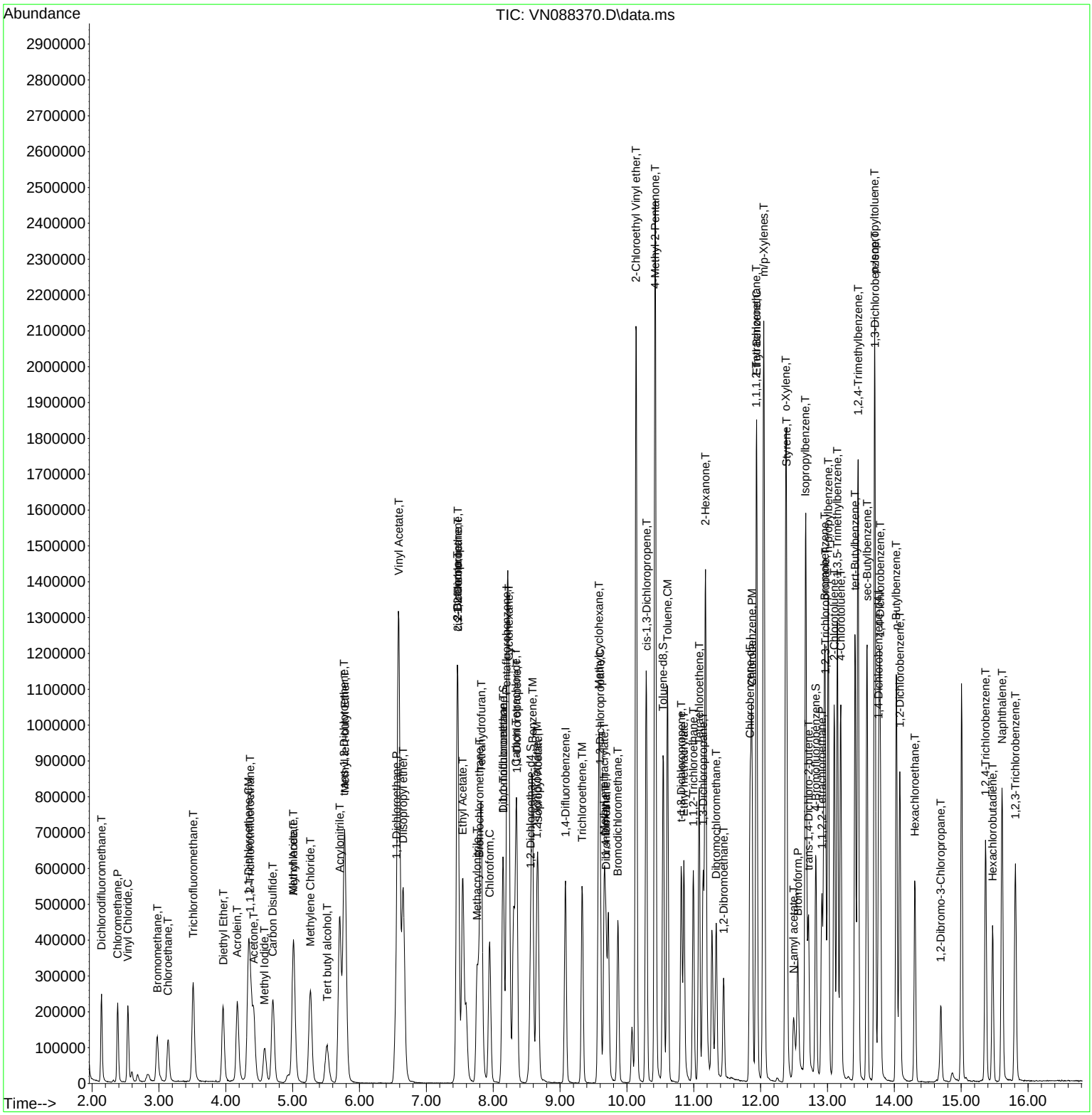
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088370.D
Acq On : 01 Dec 2025 09:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

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.:	Q3716
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.: Q3716
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
1,2,4-Trimethylbenzene	3.045	3.455		13.47	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

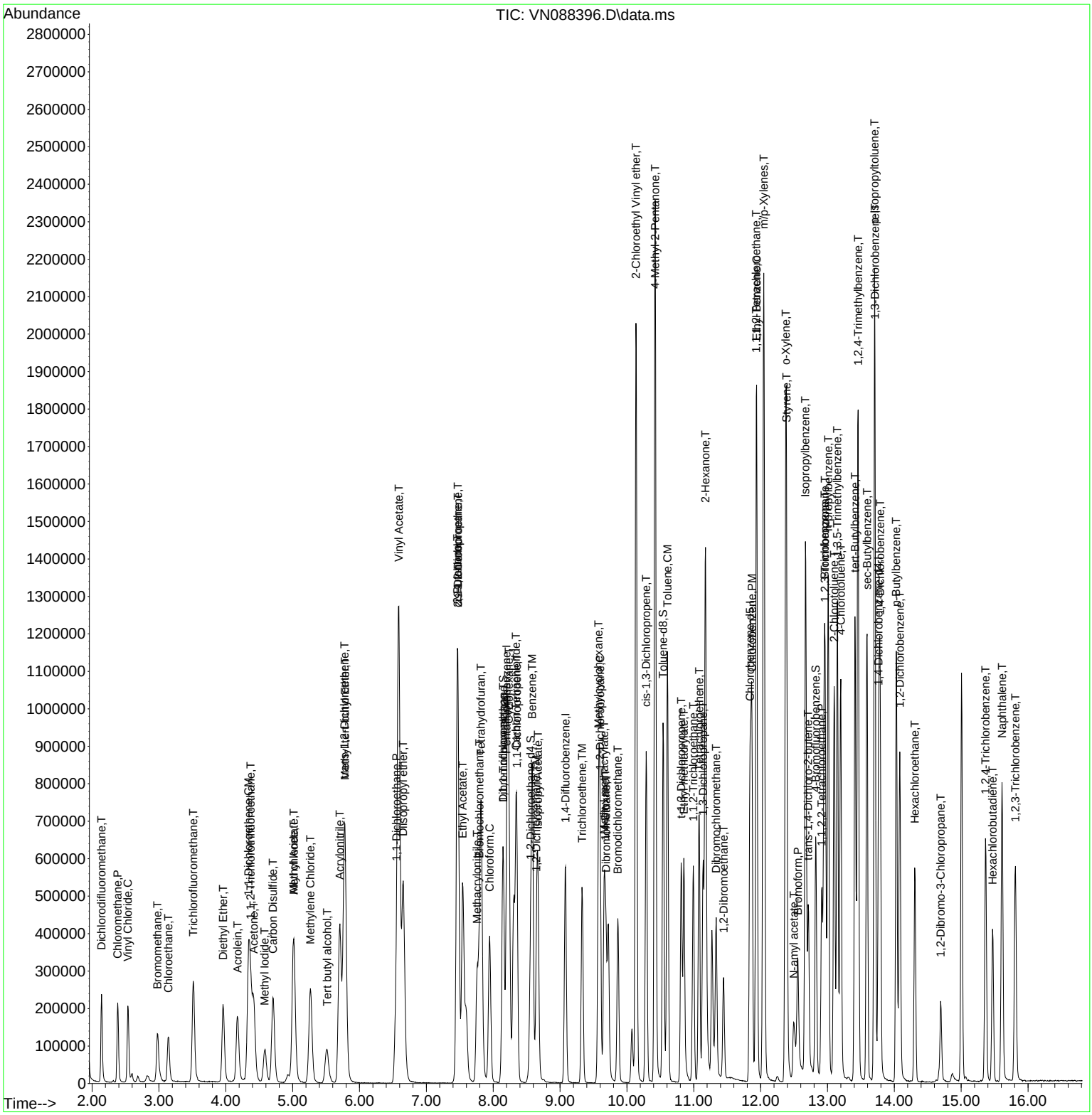
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088396.D
Acq On : 02 Dec 2025 10:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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\
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)
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

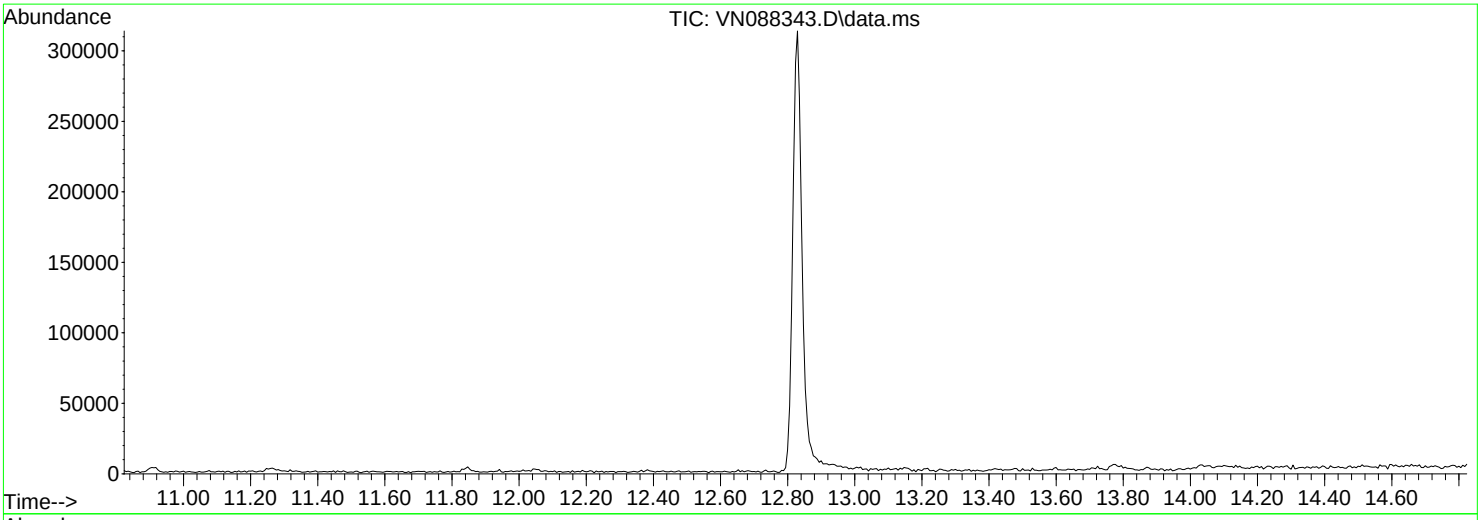
Sample Results: **VN088343.D**

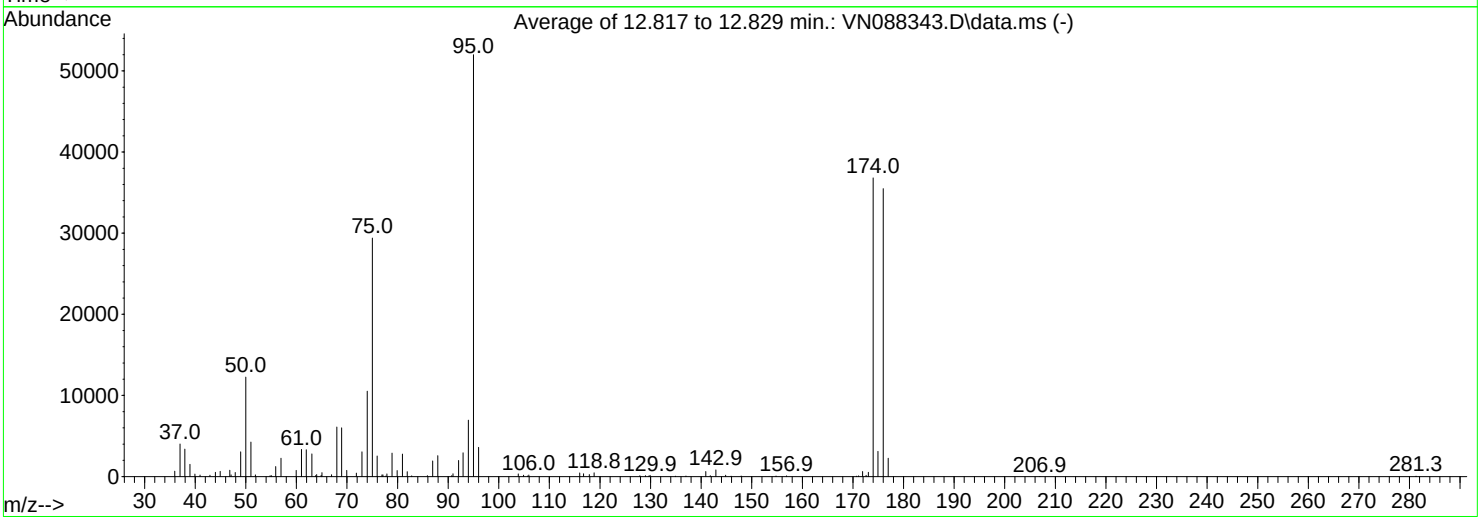
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
Data File : VN088343.D
Acq On : 24 Nov 2025 08:17
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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						

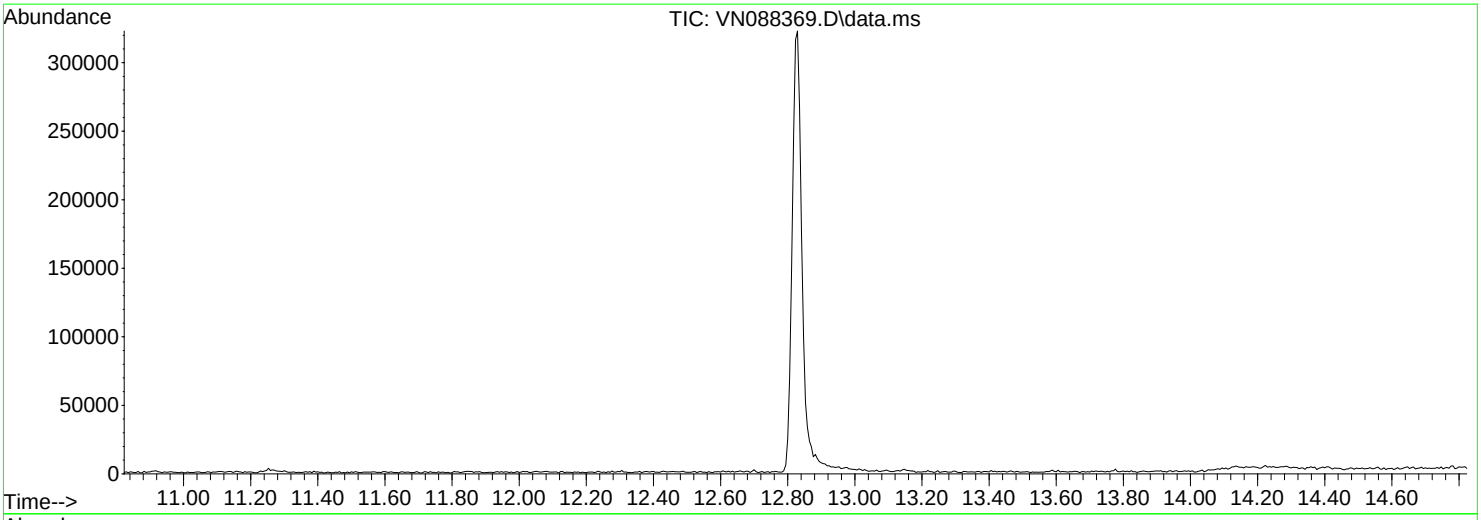
Sample Results: **VN088369.D**

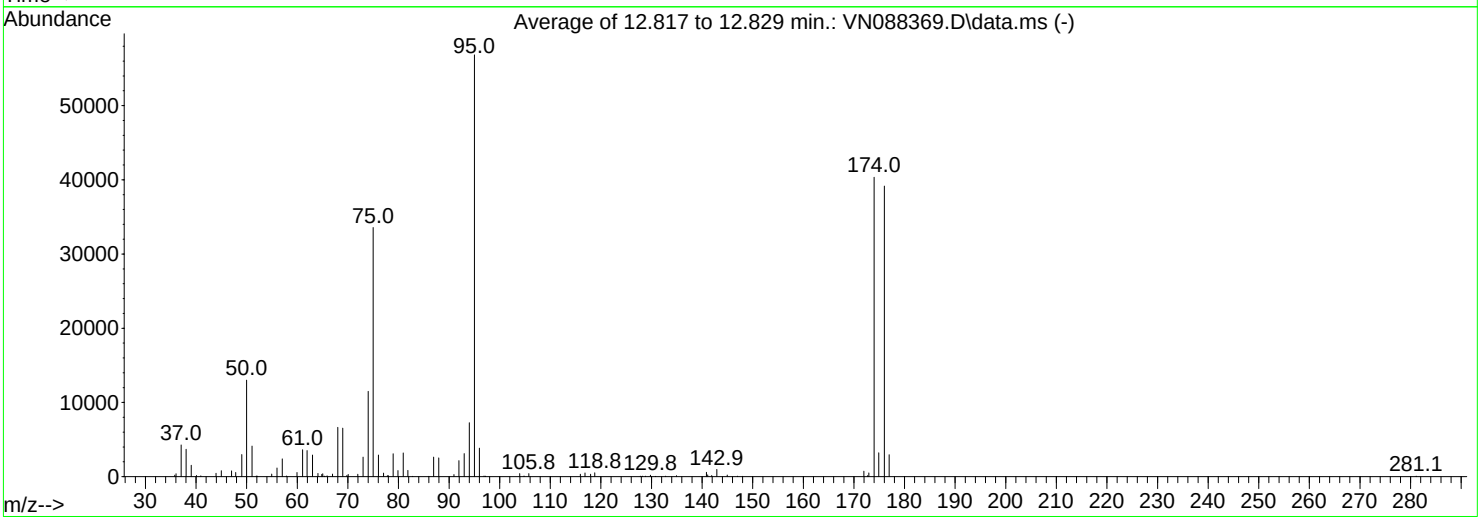
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088369.D
Acq On : 01 Dec 2025 08:49
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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		

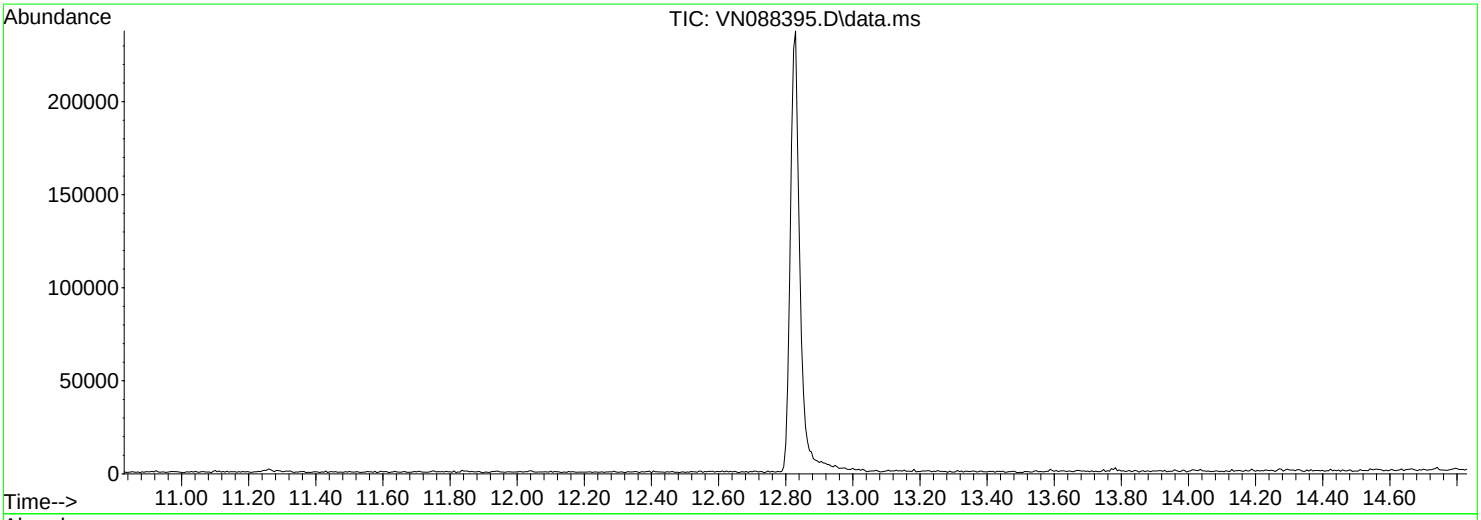
Sample Results: **VN088395.D**

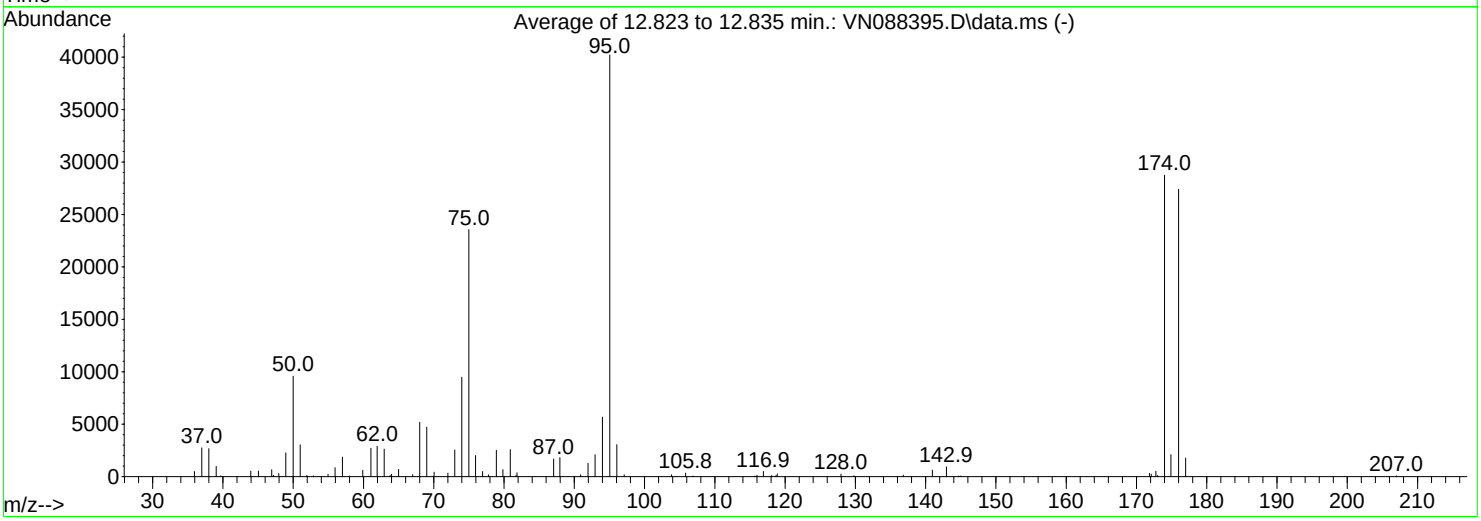
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088395.D
Acq On : 02 Dec 2025 08:19
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBL01			SDG No.:	Q3716
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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBL01			SDG No.:	Q3716
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
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	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

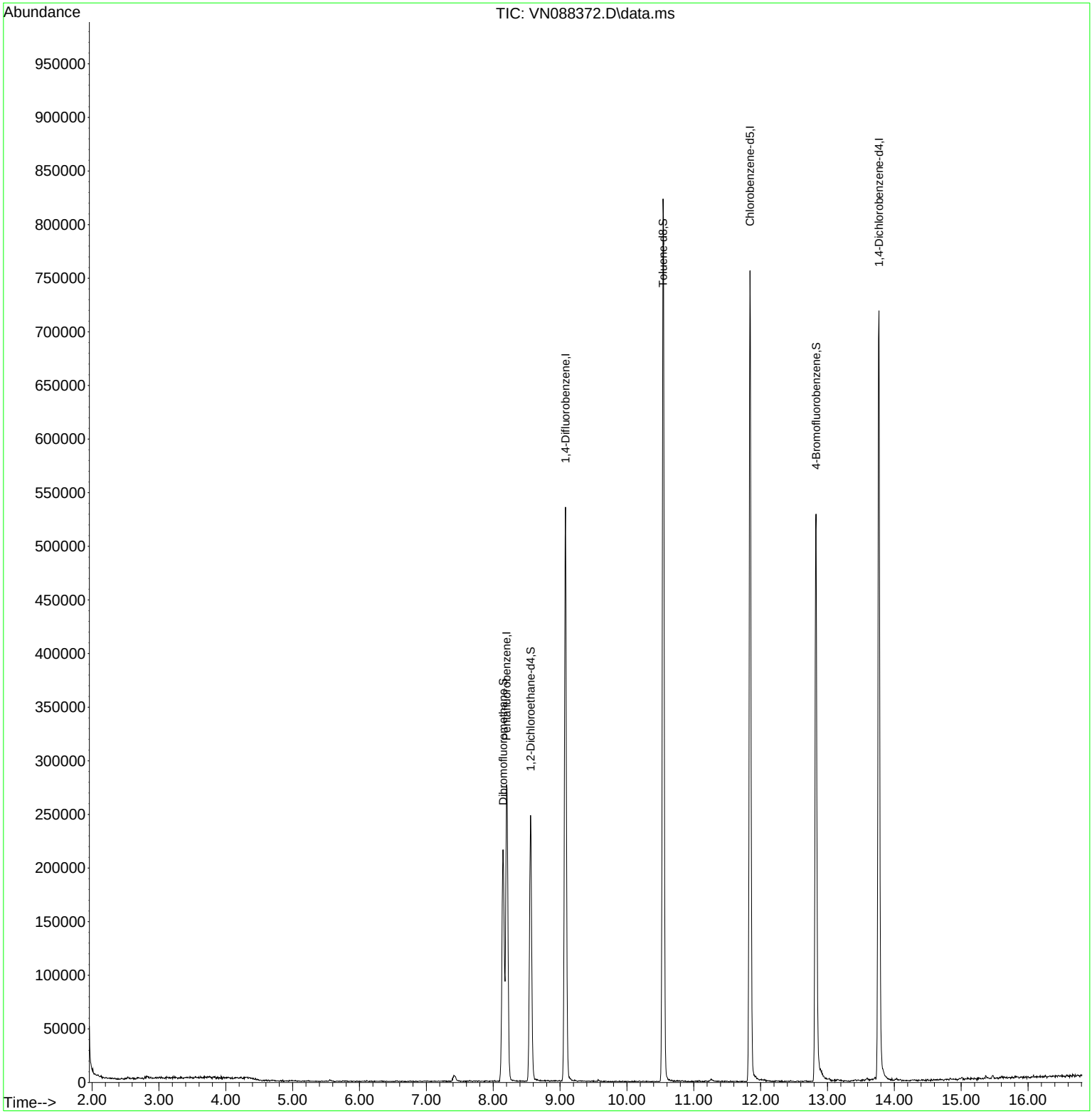
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	188076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	435319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	418422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	198799	50.000	ug/l	0.00
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

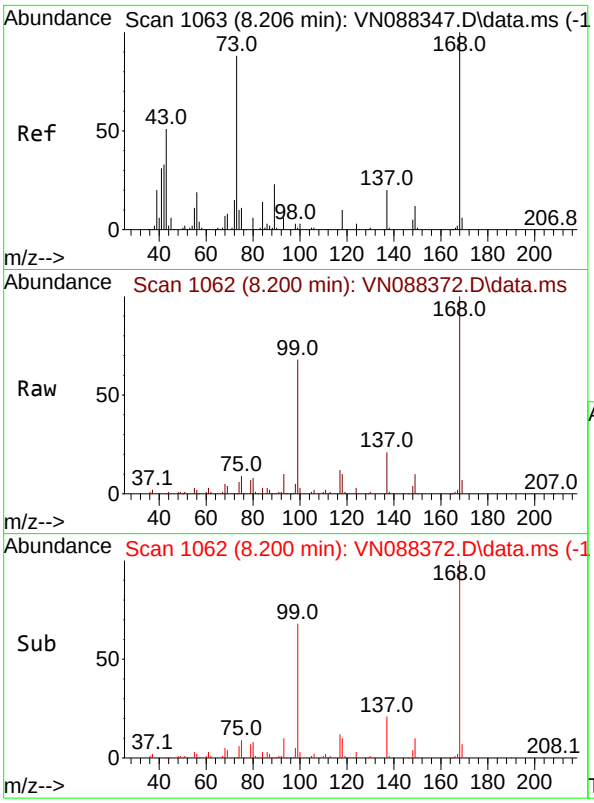
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



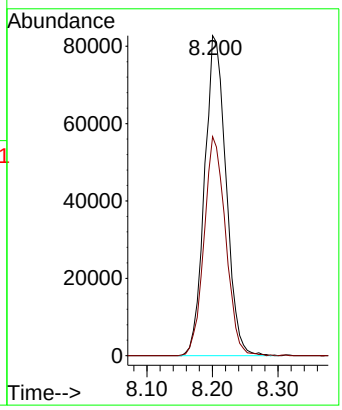


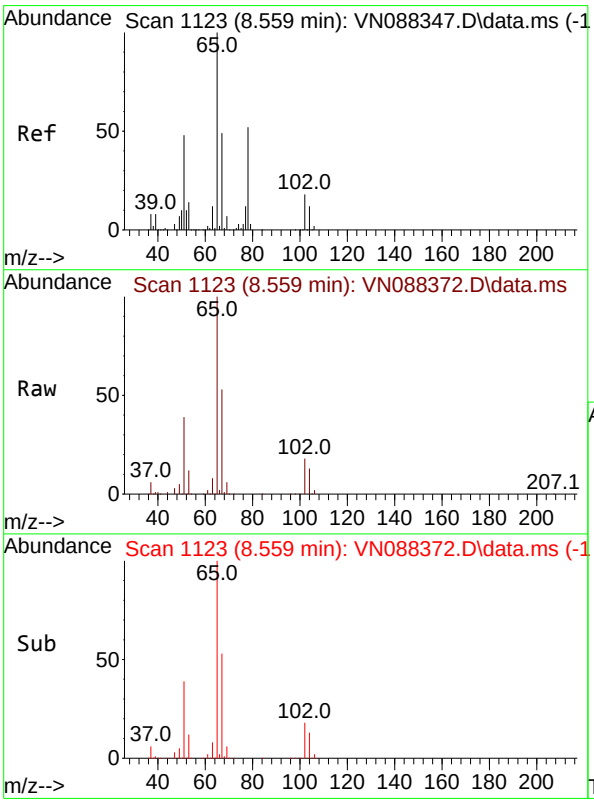
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion:168 Resp: 188076

Ion	Ratio	Lower	Upper
168	100		
99	68.5	57.1	85.7

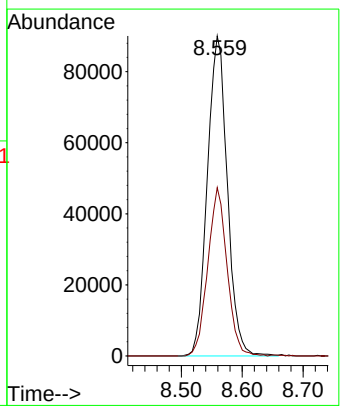


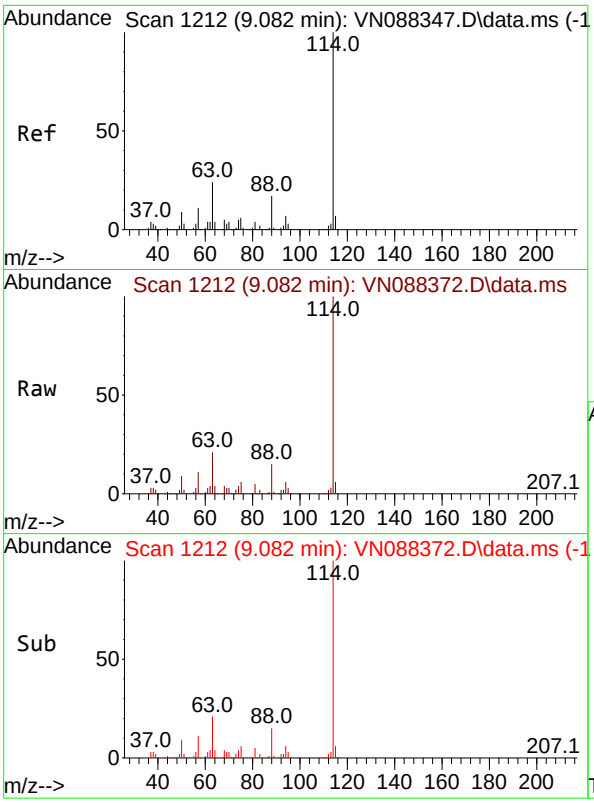


#33
1,2-Dichloroethane-d4
Concen: 57.841 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 65 Resp: 204928

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.8



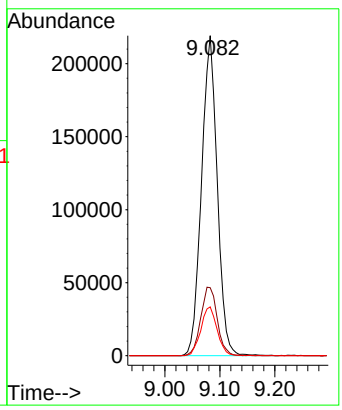


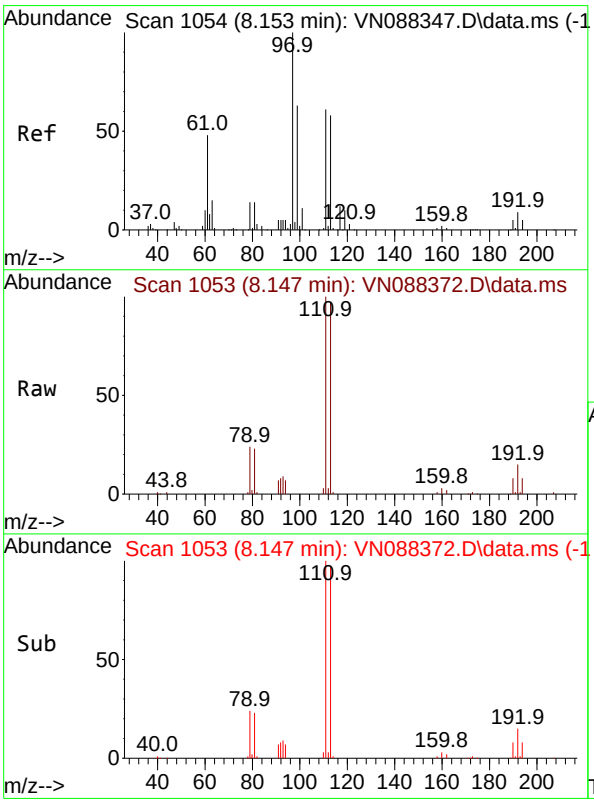
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

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

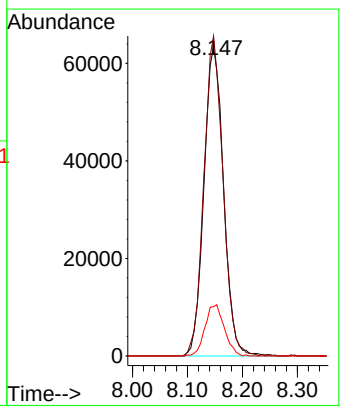


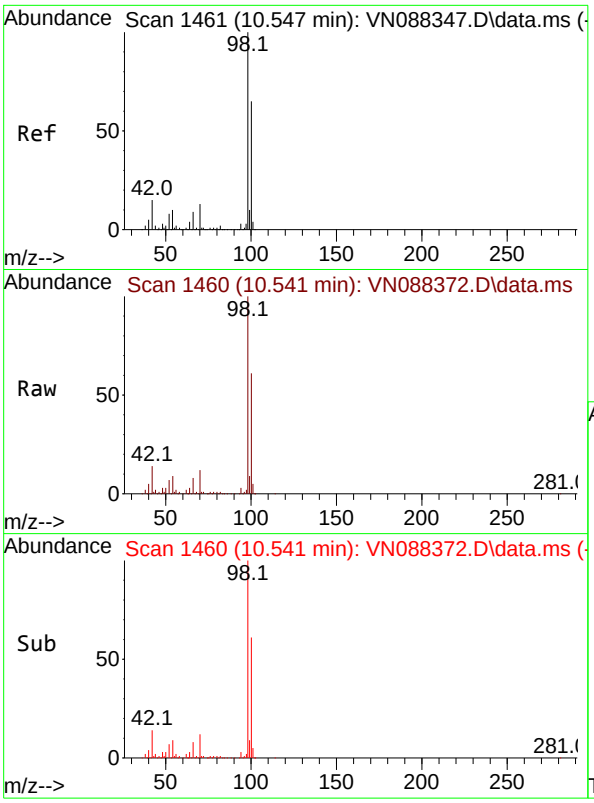


#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

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



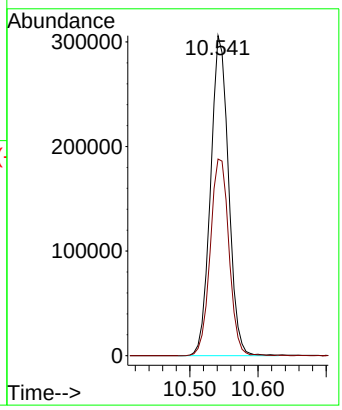


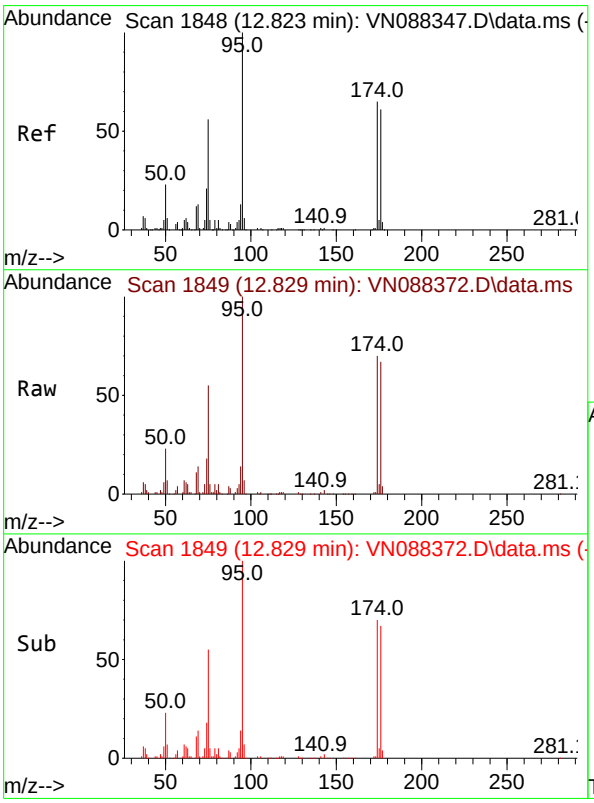
#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tgt Ion: 98 Resp: 561082

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

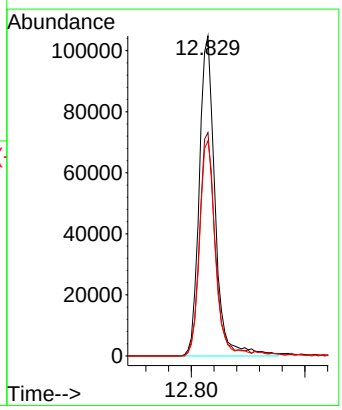


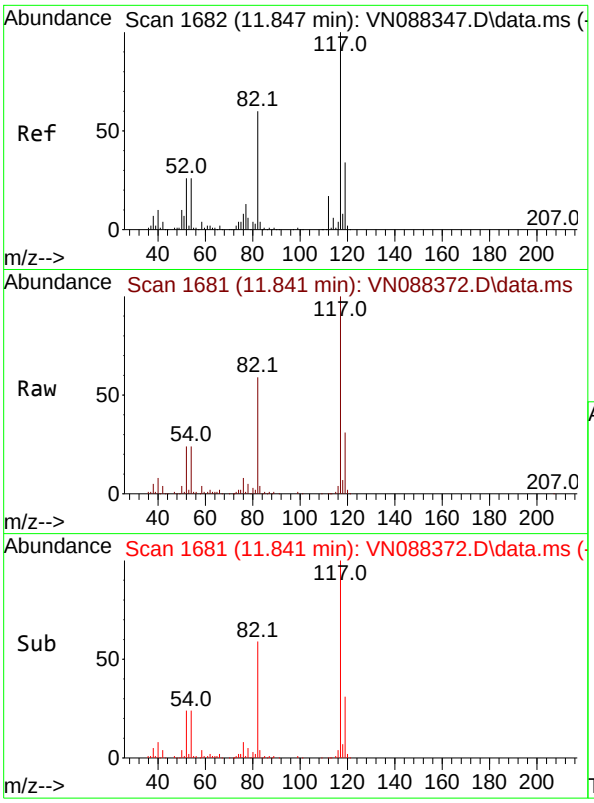


#62
4-Bromofluorobenzene
Concen: 52.426 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

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



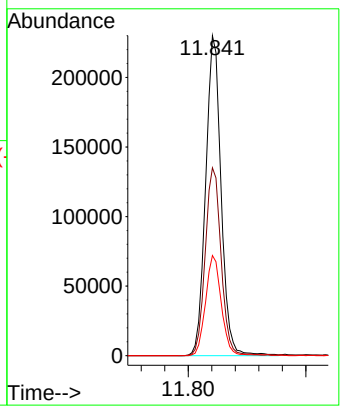


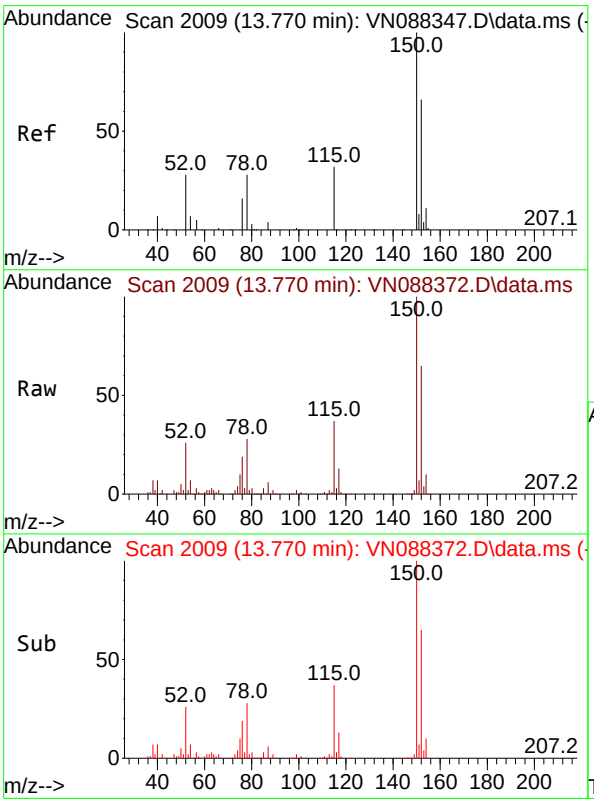
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

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

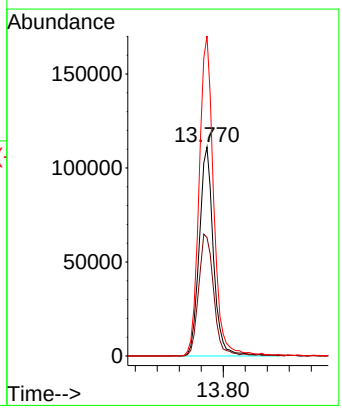




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

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

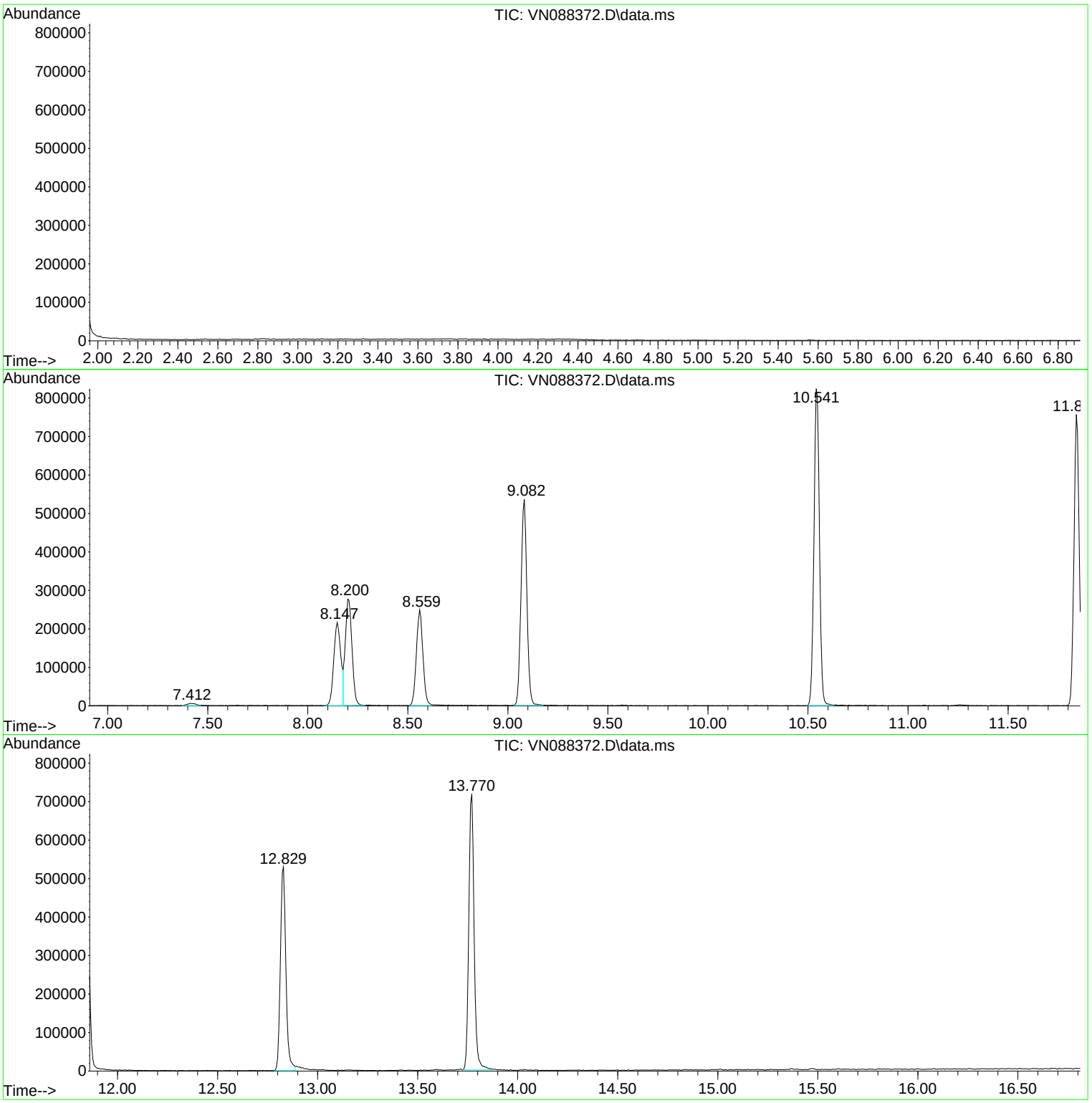
Sample Results: **VN088372.D**

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:	Adoni			Date Received:	
Client Sample ID:	VN1202WBL01			SDG No.:	Q3716
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:	Adoni			Date Received:	
Client Sample ID:	VN1202WBL01			SDG No.:	Q3716
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
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	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

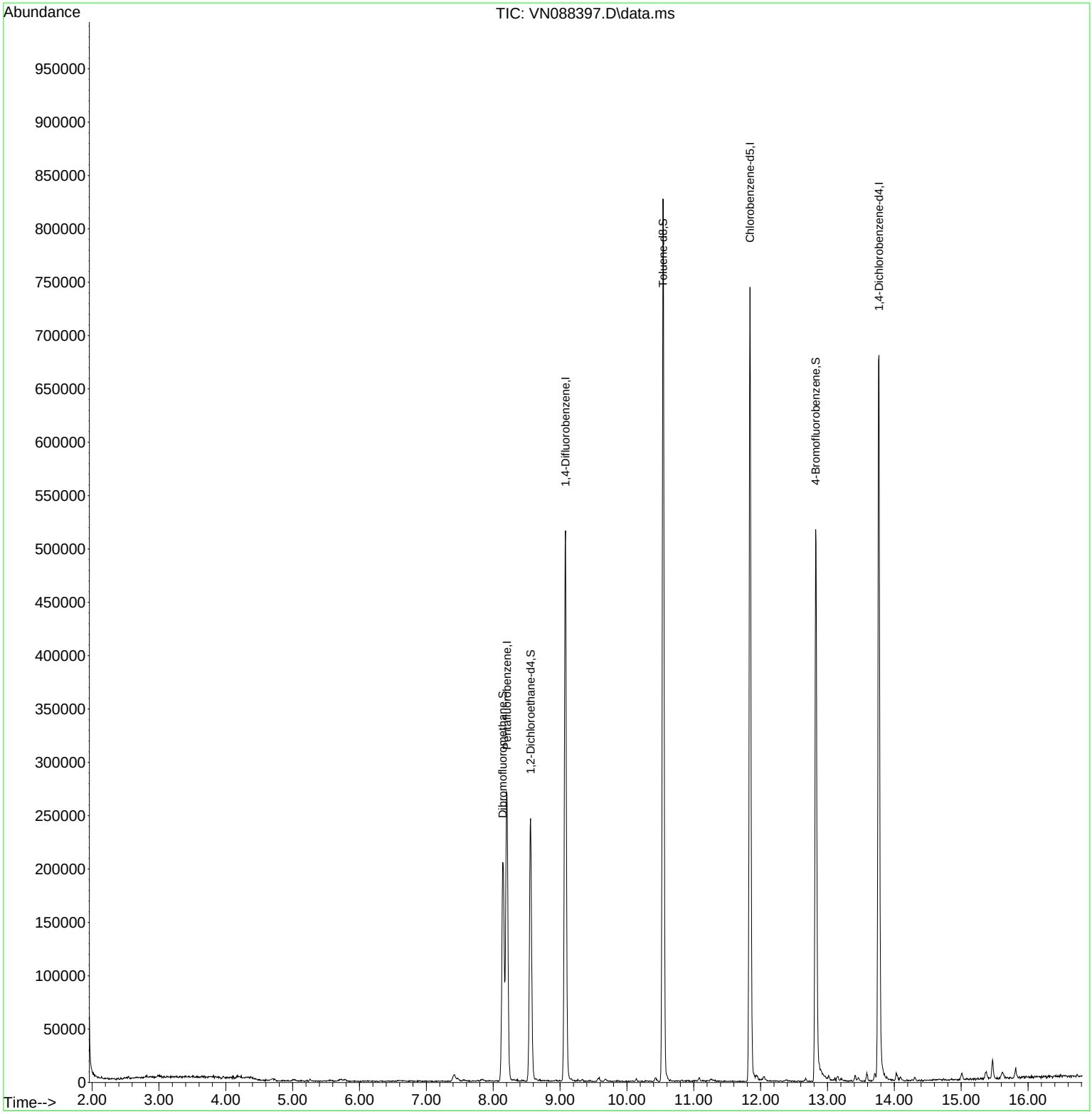
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	181798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	401801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185686	50.000	ug/l	0.00
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

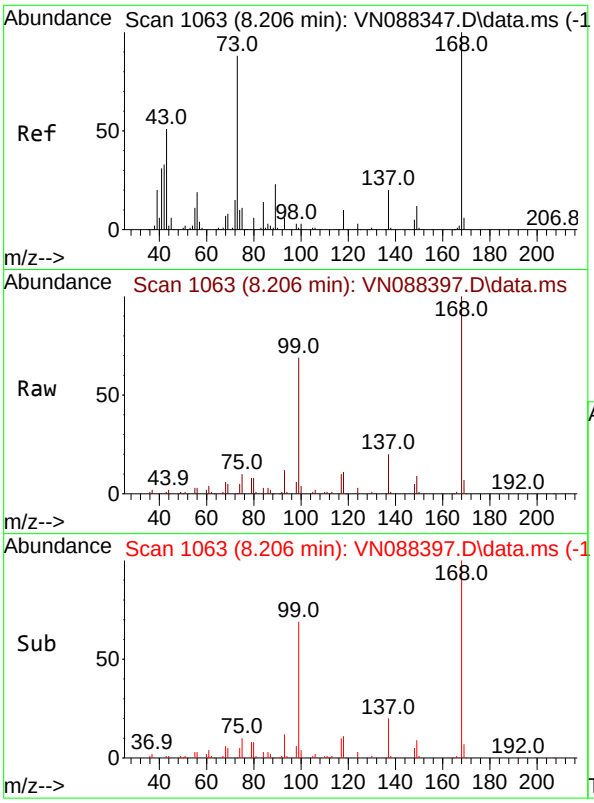
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



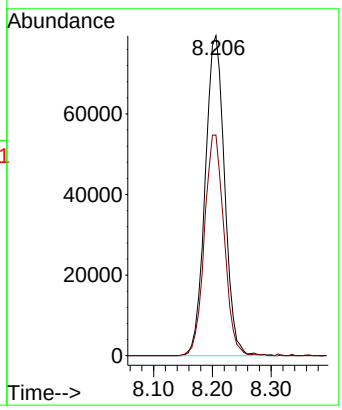


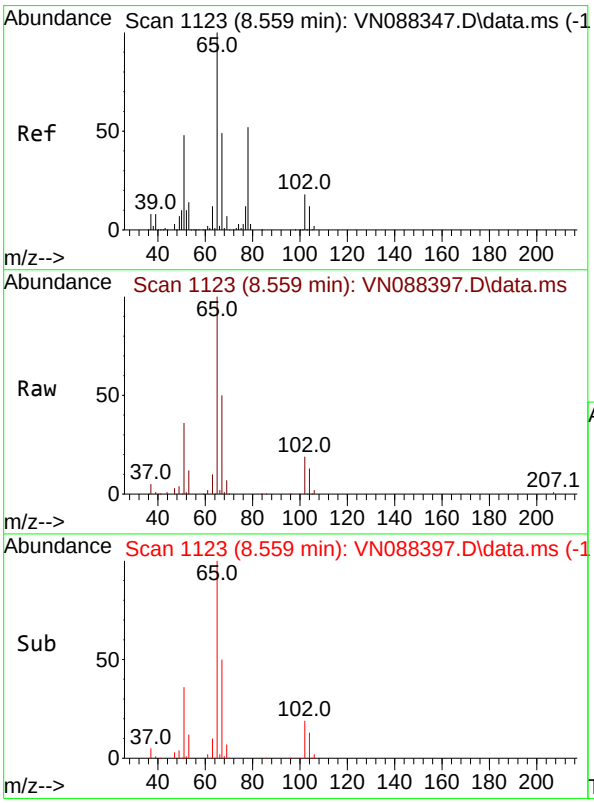
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:168 Resp: 181798

Ion	Ratio	Lower	Upper
168	100		
99	69.0	57.1	85.7

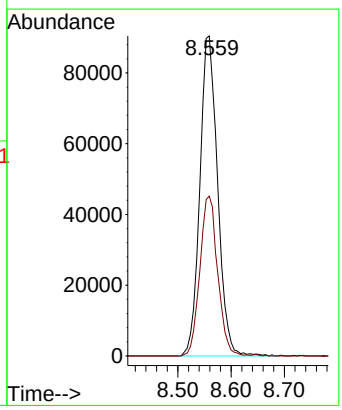


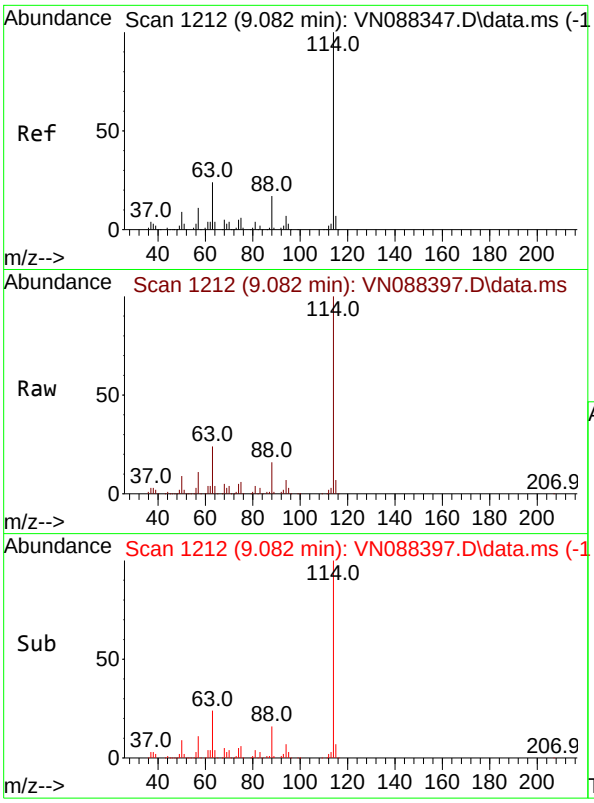


#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 65 Resp: 209307

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.8



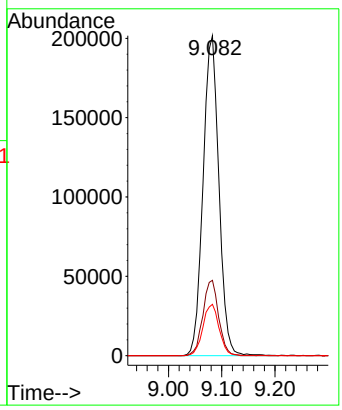


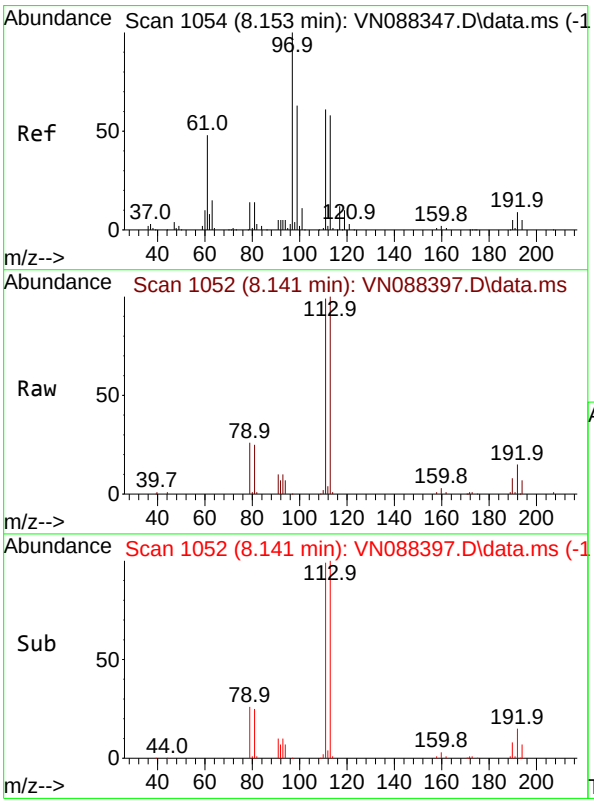
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

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

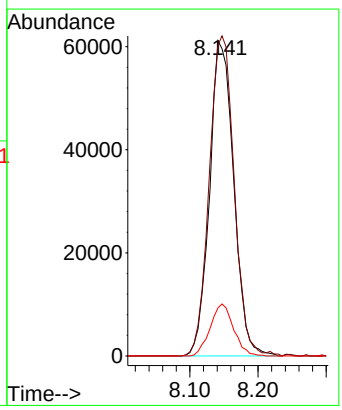


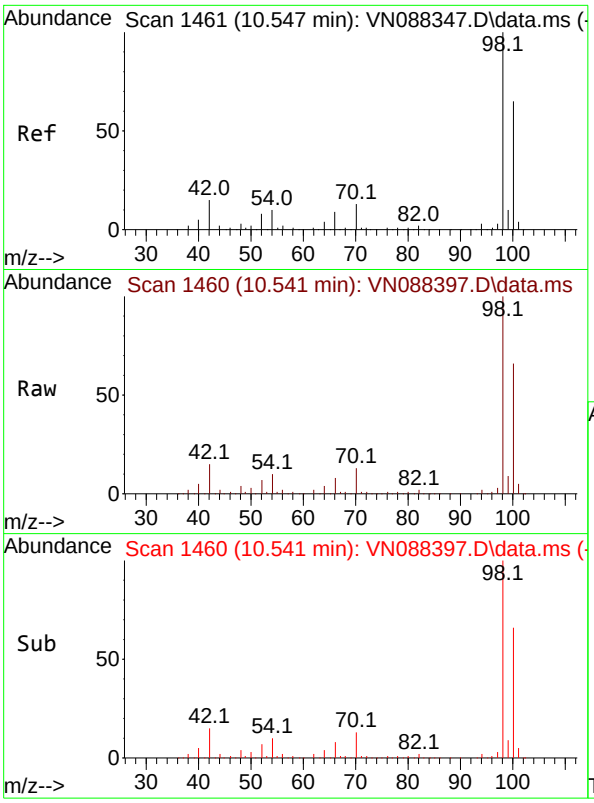


#35
Dibromofluoromethane
Concen: 52.423 ug/l
RT: 8.141 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

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



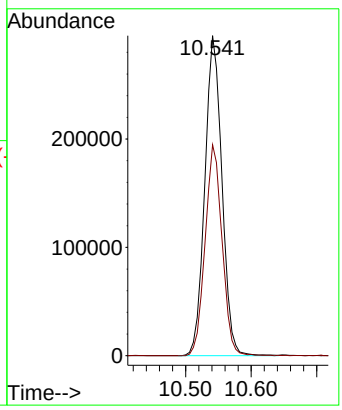


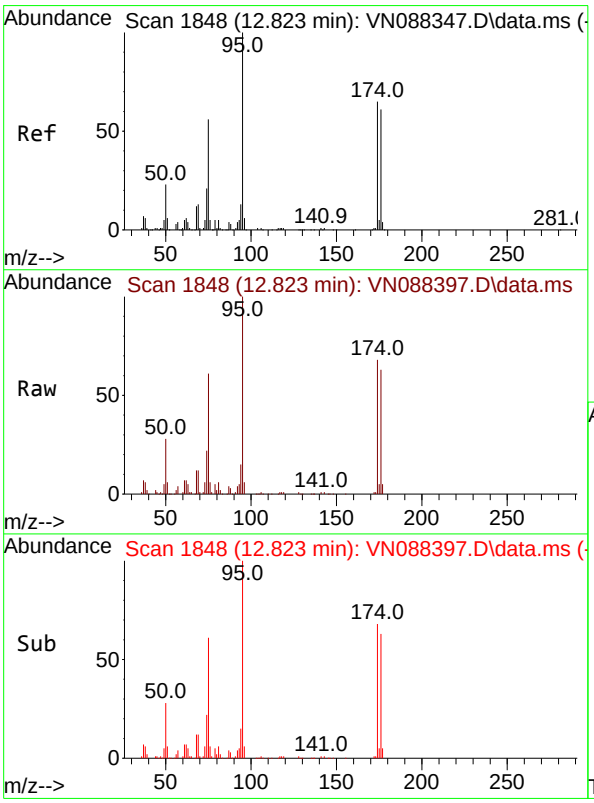
#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion: 98 Resp: 537087

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

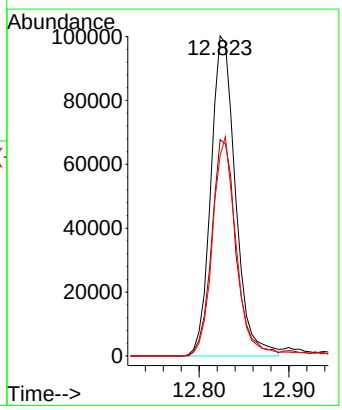


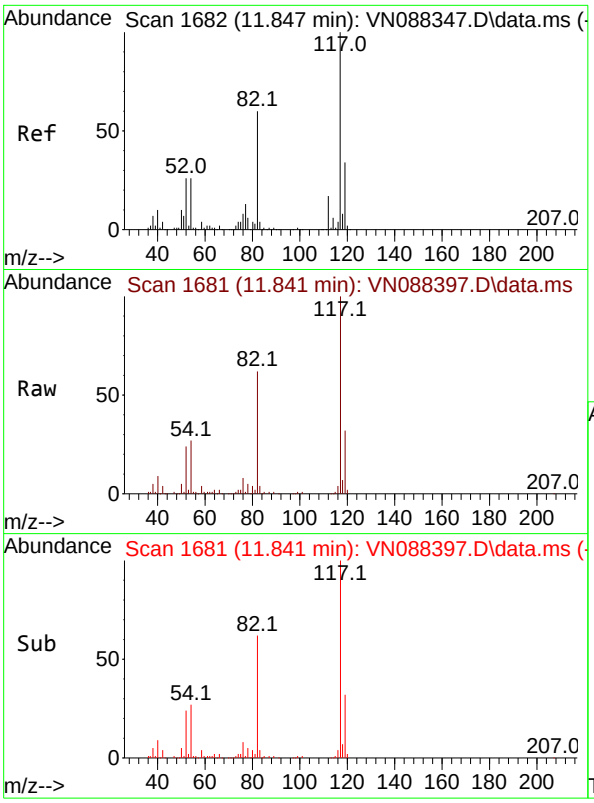


#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

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



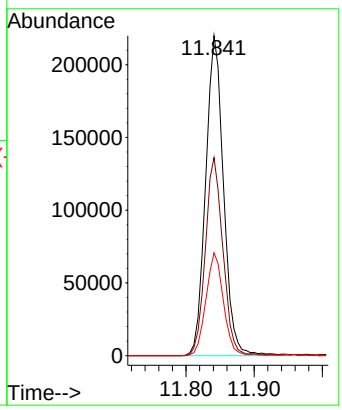


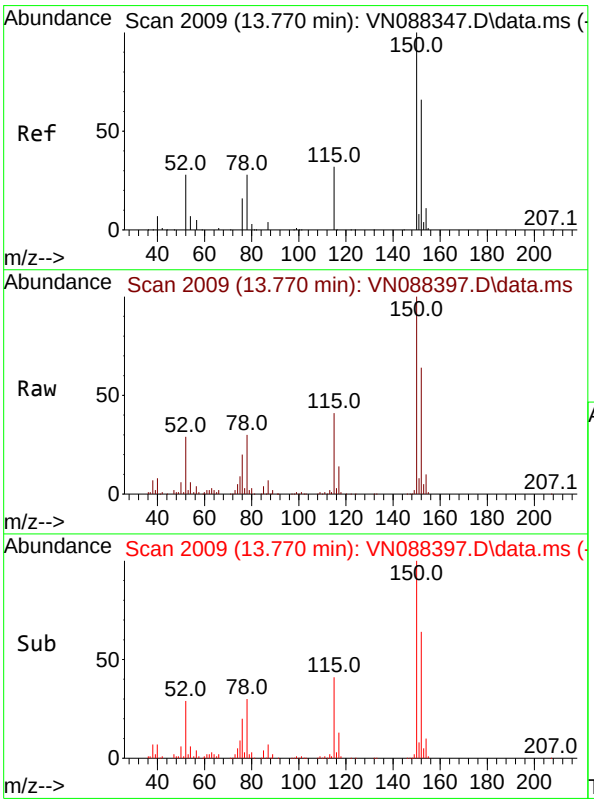
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

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

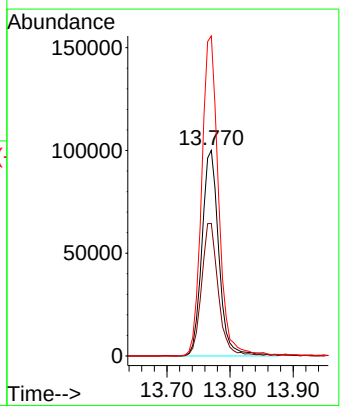




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

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

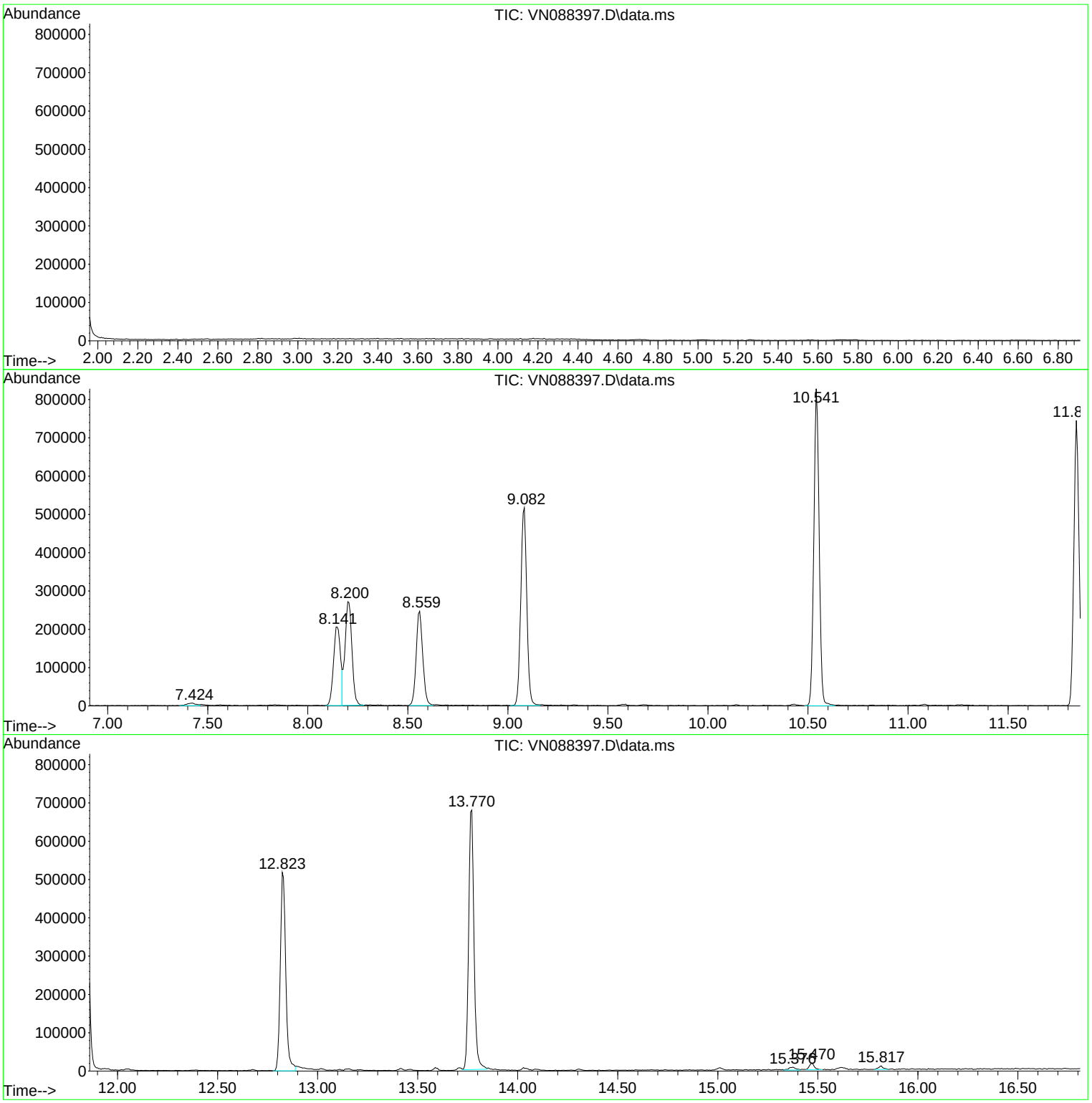
Sample Results: **VN088397.D**

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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBS01			SDG No.:	Q3716
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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBS01			SDG No.:	Q3716
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
95-63-6	1,2,4-Trimethylbenzene	19.3		1	0.14	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

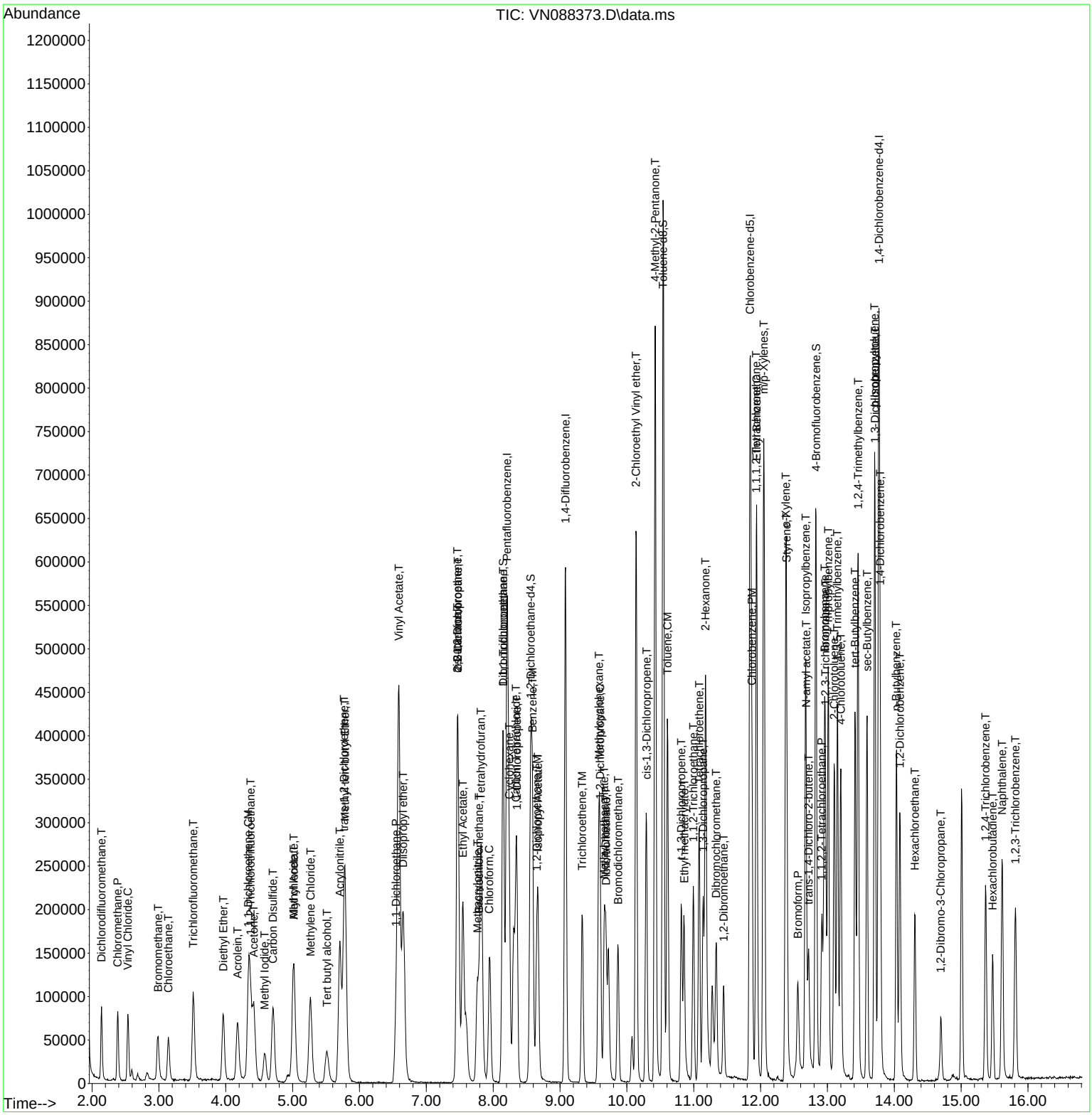
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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:	Adoni			Date Received:	
Client Sample ID:	VN1202WBS02			SDG No.:	Q3716
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:	Adoni			Date Received:	
Client Sample ID:	VN1202WBS02			SDG No.:	Q3716
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
95-63-6	1,2,4-Trimethylbenzene	19.6		1	0.14	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

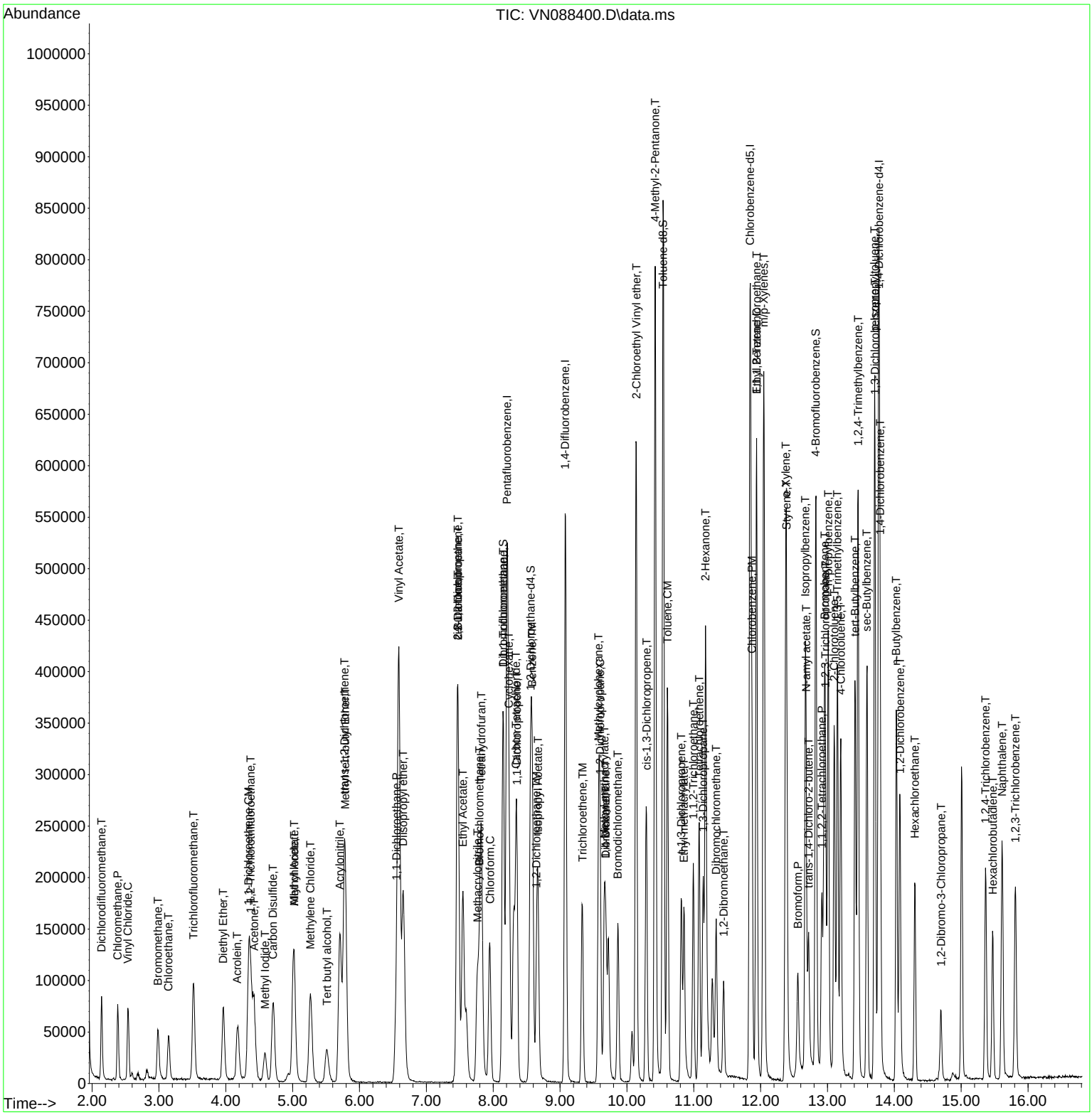
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088400.D
Acq On : 02 Dec 2025 11:34
Operator : JC\MD
Sample : VN1202WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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



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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBSD01			SDG No.:	Q3716
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:	Adoni			Date Received:	
Client Sample ID:	VN1201WBSD01			SDG No.:	Q3716
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
95-63-6	1,2,4-Trimethylbenzene	19.7		1	0.14	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

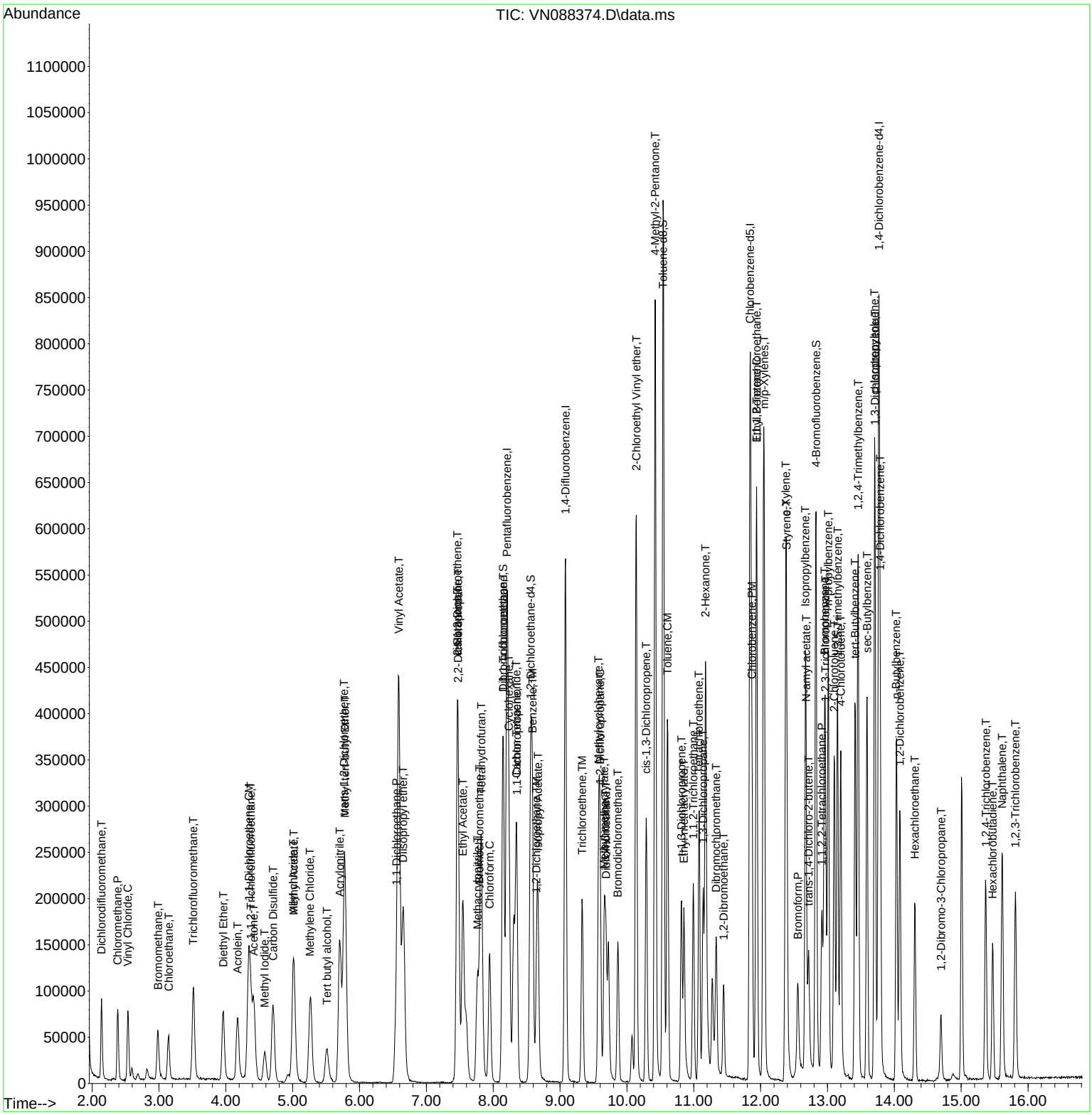
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

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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
Q3716-01	VN088377.D	n-Butylbenzene	JOHN	12/2/2025 7:49:20 AM	MMDadoda	12/2/2025 1:11:52 PM	Peak Integrated by Software
Q3716-01	VN088377.D	sec-Butylbenzene	JOHN	12/2/2025 7:49:20 AM	MMDadoda	12/2/2025 1:11:52 PM	Peak Integrated by Software
Q3716-04	VN088379.D	sec-Butylbenzene	JOHN	12/2/2025 7:49:26 AM	MMDadoda	12/2/2025 1:12:16 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	1,2,3-Trichloropropane	JOHN	12/2/2025 7:49:42 AM	MMDadoda	12/2/2025 1:12:07 PM	Peak Integrated by Software
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

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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
Q3716-01DL	VN088404.D	Cyclohexane	JOHN	12/3/2025 8:05:38 AM	MMDadoda	12/3/2025 2:28:04 PM	Peak Integrated by Software
Q3716-01DL	VN088404.D	n-Butylbenzene	JOHN	12/3/2025 8:05:38 AM	MMDadoda	12/3/2025 2:28:04 PM	Peak Integrated by Software
Q3716-01DL	VN088404.D	sec-Butylbenzene	JOHN	12/3/2025 8:05:38 AM	MMDadoda	12/3/2025 2:28:04 PM	Peak Integrated by Software
Q3716-04DL	VN088405.D	Cyclohexane	JOHN	12/3/2025 8:05:43 AM	MMDadoda	12/3/2025 2:28:07 PM	Peak Integrated by Software
Q3716-04DL	VN088405.D	n-Butylbenzene	JOHN	12/3/2025 8:05:43 AM	MMDadoda	12/3/2025 2:28:07 PM	Peak Integrated by Software
Q3716-04DL	VN088405.D	sec-Butylbenzene	JOHN	12/3/2025 8:05:43 AM	MMDadoda	12/3/2025 2:28:07 PM	Peak Integrated by Software
Q3716-03	VN088406.D	n-Butylbenzene	JOHN	12/3/2025 8:05:47 AM	MMDadoda	12/3/2025 2:28:11 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

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	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		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		Review On			
Supervise By		Supervise On			
SubDirectory	VN120125	HP Acquire Method		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		Review On			
Supervise By		Supervise On			
SubDirectory	VN120125	HP Acquire Method		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		Review On			
Supervise By		Supervise On			
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		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		Review On			
Supervise By		Supervise On			
SubDirectory	VN120125	HP Acquire Method		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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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VN120125	HP Acquire Method		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

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120225

Review By		Review On			
Supervise By		Supervise On			
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

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120225

Review By		Review On			
Supervise By		Supervise On			
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. Q3716
COC Number 2046960

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 Charlotte
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 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other
☒ EDD FORMAT Excel

ANALYSIS

1: VOCs, TBA
2:
3. BN+S (No phenols (NYSTM))
4:
5:
6: Na, Fe, Mn 2W
7: BOD
8: CLD Nitrate Sulfate
9: ORP

PRESERVATIVES

HCl (1) | HNO3 (6) | H2SO4 (7)

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

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW5	GW		X	11/24/25	0945	8	X		X			X	X	X	X	pH 1.6 # 80A0441
2.	MW3	GW		X	11/24/25	1029	7	X		X			X	X	X	X	
3.	MW4	GW		X	11/24/25	1055	5	X					X	X	X	X	
4.	MW7	GW		X	11/24/25	1135	6	X					X	X	X	X	1
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.	1406 11-24-2025	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.0 °C
2.0 + 0 = 2.0
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3716 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 11/24/2025 2:47:03 PM
Project Name : Adoni
Receive DateTime : 11/25/2025 2:06:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3716-01	MW5	Water	11/24/2025	09:45					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3716-02	MW3	Water	11/24/2025	10:29					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3716-03	MW4	Water	11/24/2025	10:55					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3716-04	MW7	Water	11/24/2025	11:35					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 11/24/25 1531

Received By :
Date / Time : 11/24/25 1531
Storage Area : **VOA Refridgerator Room**