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

Hit Summary Sheet
SW-846

SDG No.: Q3108

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q3108-01	MW2	Water	Cyclohexane		38.6		1.50	5.00	ug/L
Q3108-01	MW2	Water	Methylcyclohexane		20.1		0.16	1.00	ug/L
Q3108-01	MW2	Water	Benzene		0.90	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	Toluene		10.1		0.14	1.00	ug/L
Q3108-01	MW2	Water	Ethyl Benzene		67.7		0.13	1.00	ug/L
Q3108-01	MW2	Water	m/p-Xylenes		110		0.24	2.00	ug/L
Q3108-01	MW2	Water	o-Xylene		45.2		0.12	1.00	ug/L
Q3108-01	MW2	Water	Isopropylbenzene		19.7		0.12	1.00	ug/L
			Total Voc :		312				
Q3108-01	MW2	Water	Butane, 2-methyl-	*	48.0	J	0	0	ug/L
Q3108-01	MW2	Water	Butane, 2,3-dimethyl-	*	13.7	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 3-methyl-	*	35.9	J	0	0	ug/L
Q3108-01	MW2	Water	Cyclopentane, methyl-	*	54.5	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2-methyl-	*	46.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane	*	24.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2,3-dimethyl-	*	14.0	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	38.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	19.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 2-ethenyl-1,4-dimeth	*	25.7	J	0	0	ug/L
Q3108-01	MW2	Water	n-propylbenzene	*	61.2	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	1,3,5-Trimethylbenzene	*	40.8	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	1,2,4-Trimethylbenzene	*	150	J	0.14	1.00	ug/L
Q3108-01	MW2	Water	sec-Butylbenzene	*	3.90	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	p-Isopropyltoluene	*	1.40	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	n-Butylbenzene	*	5.10	J	0.15	1.00	ug/L
			Total Tics :		582				
			Total Concentration:		895				

SAMPLE DATA

Raw Data: **VN087853.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:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	38.6		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.16	1.00	ug/L
71-43-2	Benzene	0.90	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VN087853.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	10.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	67.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	2.00	ug/L
95-47-6	o-Xylene	45.2		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	8.206			
540-36-3	1,4-Difluorobenzene	421000	9.083			
3114-55-4	Chlorobenzene-d5	413000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

Raw Data: **VN087853.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	48.0	J		3.27	ug/L
000109-66-0	Pentane	24.4	J		3.65	ug/L
000079-29-8	Butane, 2,3-dimethyl-	13.7	J		5.26	ug/L
000107-83-5	Pentane, 2-methyl-	46.4	J		5.33	ug/L
000096-14-0	Pentane, 3-methyl-	35.9	J		5.80	ug/L
000096-37-7	Cyclopentane, methyl-	54.5	J		7.31	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.0	J		8.31	ug/L
103-65-1	n-propylbenzene	61.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	40.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	38.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	150	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.90	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.40	J		13.7	ug/L
104-51-8	n-Butylbenzene	5.10	J		14.0	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	19.2	J		14.3	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	25.7	J		15.0	ug/L

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

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

QC SUMMARY

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

SDG No.: Q3108

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3108-01	MW2	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
VN0916WBL01	VN0916WBL01	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	47.1	94		86	113
		4-Bromofluorobenzene	50	45.7	91		77	121
VN0916WBS01	VN0916WBS01	1,2-Dichloroethane-d4	50	44.1	88		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	45.0	90		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121
VN0916WBSD0	VN0916WBSD01	1,2-Dichloroethane-d4	50	43.5	87		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	Dichlorodifluoromethane	20	18.5	ug/L	93			69	116	
	Chloromethane	20	19.0	ug/L	95			65	116	
	Vinyl chloride	20	17.9	ug/L	90			65	117	
	Bromomethane	20	19.8	ug/L	99			58	125	
	Chloroethane	20	18.1	ug/L	91			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92			80	112	
	Tert butyl alcohol	100	90.0	ug/L	90			48	142	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acetone	100	75.9	ug/L	76			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	19.6	ug/L	98			67	125	
	Methylene Chloride	20	19.2	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	108	
	1,1-Dichloroethane	20	18.0	ug/L	90			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	87.0	ug/L	87			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	18.9	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			80	108	
	Methylcyclohexane	20	17.4	ug/L	87			72	115	
	Benzene	20	19.1	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.1	ug/L	91			80	115	
	Trichloroethene	20	18.9	ug/L	95			77	113	
	1,2-Dichloropropane	20	18.4	ug/L	92			83	111	
	Bromodichloromethane	20	19.1	ug/L	96			83	110	
	4-Methyl-2-Pentanone	100	92.8	ug/L	93			74	118	
	Toluene	20	18.6	ug/L	93			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			83	112	
	2-Hexanone	100	90.1	ug/L	90			73	117	
	Dibromochloromethane	20	18.9	ug/L	95			82	110	
	1,2-Dibromoethane	20	19.0	ug/L	95			81	110	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	19.2	ug/L	96			82	109	
	Ethyl Benzene	20	18.2	ug/L	91			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.8	ug/L	94			83	109	
	Styrene	20	18.8	ug/L	94			80	111	
	Bromoform	20	21.0	ug/L	105			79	109	
	Isopropylbenzene	20	16.7	ug/L	84			83	112	
	1,1,2,2-Tetrachloroethane	20	17.5	ug/L	88			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			82	107	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	1,2-Dichlorobenzene	20	17.9	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90			75	113	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	Dichlorodifluoromethane	20	19.0	ug/L	95	2		69	116	19
	Chloromethane	20	18.4	ug/L	92	3		65	116	21
	Vinyl chloride	20	18.4	ug/L	92	2		65	117	19
	Bromomethane	20	19.5	ug/L	98	1		58	125	20
	Chloroethane	20	16.9	ug/L	85	7		56	128	20
	Trichlorofluoromethane	20	19.7	ug/L	99	2		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	1		80	112	15
	Tert butyl alcohol	100	92.9	ug/L	93	3		48	142	30
	1,1-Dichloroethene	20	17.6	ug/L	88	3		74	110	20
	Acetone	100	71.9	ug/L	72	5		60	125	20
	Carbon disulfide	20	18.7	ug/L	94	3		64	112	20
	Methyl tert-butyl Ether	20	17.0	ug/L	85	6		78	114	20
	Methyl Acetate	20	18.6	ug/L	93	5		67	125	20
	Methylene Chloride	20	18.4	ug/L	92	4		72	114	20
	trans-1,2-Dichloroethene	20	17.6	ug/L	88	4		75	108	16
	1,1-Dichloroethane	20	17.5	ug/L	88	2		78	112	20
	Cyclohexane	20	18.1	ug/L	91	2		75	110	20
	2-Butanone	100	84.2	ug/L	84	4		65	122	26
	Carbon Tetrachloride	20	19.7	ug/L	99	3		77	113	15
	cis-1,2-Dichloroethene	20	18.2	ug/L	91	6		77	110	20
	Bromochloromethane	20	17.4	ug/L	87	3		70	124	20
	Chloroform	20	18.0	ug/L	90	5		79	113	20
	1,1,1-Trichloroethane	20	18.1	ug/L	91	3		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	7		72	115	20
	Benzene	20	18.9	ug/L	95	1		82	109	15
	1,2-Dichloroethane	20	18.0	ug/L	90	1		80	115	20
	Trichloroethene	20	19.8	ug/L	99	4		77	113	15
	1,2-Dichloropropane	20	18.4	ug/L	92	0		83	111	16
	Bromodichloromethane	20	19.2	ug/L	96	0		83	110	16
	4-Methyl-2-Pentanone	100	92.1	ug/L	92	1		74	118	25
	Toluene	20	18.7	ug/L	94	1		82	110	16
	t-1,3-Dichloropropene	20	18.3	ug/L	92	2		79	110	20
	cis-1,3-Dichloropropene	20	17.9	ug/L	90	4		82	110	16
	1,1,2-Trichloroethane	20	20.1	ug/L	101	4		83	112	20
	2-Hexanone	100	89.5	ug/L	90	0		73	117	25
	Dibromochloromethane	20	19.1	ug/L	96	1		82	110	20
	1,2-Dibromoethane	20	18.6	ug/L	93	2		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	3		67	123	15
	Chlorobenzene	20	19.0	ug/L	95	1		82	109	15
	Ethyl Benzene	20	18.7	ug/L	94	3		83	109	16
	m/p-Xylenes	40	39.2	ug/L	98	4		82	110	15
	o-Xylene	20	19.5	ug/L	98	4		83	109	20
	Styrene	20	19.0	ug/L	95	1		80	111	17
	Bromoform	20	21.1	ug/L	106	1		79	109	20
	Isopropylbenzene	20	17.4	ug/L	87	4		83	112	29
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93	6		76	118	20
	1,3-Dichlorobenzene	20	18.8	ug/L	94	4		82	108	20
	1,4-Dichlorobenzene	20	18.2	ug/L	91	0		82	107	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	1,2-Dichlorobenzene	20	19.3	ug/L	97	7		82	109	20
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	4		68	112	20
	1,2,4-Trichlorobenzene	20	19.0	ug/L	95	5		75	113	29
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93	4		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0916WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087849.D Lab Sample ID: VN0916WBL01

Date Analyzed: 09/16/2025 Time Analyzed: 15:04

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
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025
MW2	Q3108-01	VN087853.D	09/16/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

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

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

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

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

1-Value is % mass 174

2-Value is % mass 176

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

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

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: VN087846.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_N | BFB Injection Time: 11:25

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	22.6
75	30.0 - 60.0% of mass 95	55.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.2
175	5.0 - 9.0% of mass 174	4.5 (6.2) 1
176	95.0 - 101.0% of mass 174	70.1 (97.1) 1
177	5.0 - 9.0% of mass 176	4.5 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087847.D	09/16/2025	13:55
VN0916WBL01	VN0916WBL01	VN087849.D	09/16/2025	15:04
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025	15:25
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025	15:46
MW2	Q3108-01	VN087853.D	09/16/2025	16:29

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

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	239136	8.21	433645	9.08	409197	11.85
UPPER LIMIT	478272	8.706	867290	9.583	818394	12.347
LOWER LIMIT	119568	7.706	216823	8.583	204599	11.347
EPA SAMPLE NO.						
MW2	185269	8.21	420719	9.08	413257	11.85
VN0916WBL01	184438	8.21	413572	9.08	397360	11.85
VN0916WBS01	212441	8.21	416535	9.08	384629	11.85
VN0916WBSD01	229272	8.21	433869	9.08	392898	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

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

	IS4 AREA #	RT #				
12 HOUR STD	226483	13.77				
UPPER LIMIT	452966	14.27				
LOWER LIMIT	113242	13.27				
EPA SAMPLE NO.						
MW2	214606	13.77				
VN0916WBL01	180365	13.77				
VN0916WBS01	210239	13.77				
VN0916WBSD01	209579	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.

QC SAMPLE DATA

Raw Data: **VN087849.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	61 Laurel Street		Date Received:		
Client Sample ID:	VN0916WBL01		SDG No.:	Q3108	
Lab Sample ID:	VN0916WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBL01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.1		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	8.206			
540-36-3	1,4-Difluorobenzene	414000	9.082			
3114-55-4	Chlorobenzene-d5	397000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.77			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBL01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087850.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBS01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	75.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	1.00	ug/L
67-66-3	Chloroform	18.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.4		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.8		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBS01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	90.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.8		0.12	1.00	ug/L
100-42-5	Styrene	18.8		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		74 - 125	88%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	45.0		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	8.206			
540-36-3	1,4-Difluorobenzene	417000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.77			

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:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBS01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087851.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	18.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
67-64-1	Acetone	71.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	84.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.4		0.22	1.00	ug/L
67-66-3	Chloroform	18.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.1		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	21.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.5		74 - 125	87%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	229000	8.206			
540-36-3	1,4-Difluorobenzene	434000	9.083			
3114-55-4	Chlorobenzene-d5	393000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.771			

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBSD01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
Tert butyl alcohol		0.170	0.187	0.184	0.174	0.174	0.178	4
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5

* 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.

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	9

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3108
Instrument ID: MSVOA_N
Calibration Date/Time: 09/16/2025 13:55
Lab File ID: VN087847.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.736		3.66	20
Chloromethane	0.730	0.729	0.1	-0.14	20
Vinyl Chloride	0.846	0.823		-2.72	20
Bromomethane	0.437	0.498		13.96	20
Chloroethane	0.595	0.553		-7.06	20
Trichlorofluoromethane	1.240	1.264		1.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.697		-0.57	20
Tert butyl alcohol	0.178	0.175		-1.68	20
1,1-Dichloroethene	0.721	0.682		-5.41	20
Acetone	0.558	0.489		-12.37	20
Carbon Disulfide	1.985	1.984		-0.05	20
Methyl tert-butyl Ether	2.704	2.774		2.59	20
Methyl Acetate	1.168	1.247		6.76	20
Methylene Chloride	0.948	0.841		-11.29	20
trans-1,2-Dichloroethene	0.781	0.753		-3.59	20
1,1-Dichloroethane	1.546	1.477	0.1	-4.46	20
Cyclohexane	1.289	1.230		-4.58	20
2-Butanone	0.734	0.712		-3	20
Carbon Tetrachloride	0.547	0.611		11.7	20
cis-1,2-Dichloroethene	0.934	0.931		-0.32	20
Bromochloromethane	0.747	1.029		37.75	20
Chloroform	1.578	1.590		0.76	20
1,1,1-Trichloroethane	1.337	1.305		-2.39	20
Methylcyclohexane	0.610	0.672		10.16	20
Benzene	1.699	1.798		5.83	20
1,2-Dichloroethane	0.653	0.690		5.67	20
Trichloroethene	0.388	0.426		9.79	20
1,2-Dichloropropane	0.448	0.470		4.91	20
Bromodichloromethane	0.653	0.728		11.48	20
4-Methyl-2-Pentanone	0.713	0.781		9.54	20
Toluene	1.053	1.143		8.55	20
t-1,3-Dichloropropene	0.676	0.768		13.61	20
cis-1,3-Dichloropropene	0.702	0.788		12.25	20
1,1,2-Trichloroethane	0.407	0.467		14.74	20
2-Hexanone	0.451	0.533		18.18	20
Dibromochloromethane	0.472	0.542		14.83	20
1,2-Dibromoethane	0.430	0.497		15.58	20
Tetrachloroethene	0.347	0.372		7.2	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: MSVOA_N Calibration Date/Time: 09/16/2025 13:55

Lab File ID: VN087847.D Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.244	1.326	0.3	6.59	20
Ethyl Benzene	2.154	2.347		8.96	20
m/p-Xylenes	0.790	0.894		13.16	20
o-Xylene	0.774	0.861		11.24	20
Styrene	1.297	1.504		15.96	20
Bromoform	0.317	0.404	0.1	27.44	20
Isopropylbenzene	4.040	4.015		-0.62	20
1,1,2,2-Tetrachloroethane	1.391	1.401	0.3	0.72	20
1,3-Dichlorobenzene	1.876	1.967		4.85	20
1,4-Dichlorobenzene	1.952	2.018		3.38	20
1,2-Dichlorobenzene	1.780	1.885		5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.328		-0.61	20
1,2,4-Trichlorobenzene	1.069	1.207		12.91	20
1,2,3-Trichlorobenzene	1.045	1.157		10.72	20
1,2-Dichloroethane-d4	1.024	1.103		7.72	20
Dibromofluoromethane	0.361	0.457		26.59	20
Toluene-d8	1.351	1.598		18.28	20
4-Bromofluorobenzene	0.481	0.616		28.07	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	185269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	420719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	413257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	183121	48.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.480%			
35) Dibromofluoromethane	8.147	113	153469	50.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.547	98	555814	48.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.829	95	202863	50.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.340%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	184130	38.565	ug/l #	96
39) Methylcyclohexane	9.582	83	103304	20.135	ug/l	98
40) Benzene	8.594	78	12906	0.903	ug/l #	81
52) Toluene	10.606	92	89671	10.120	ug/l	99
67) Ethyl Benzene	11.941	91	1205763	67.735	ug/l	100
68) m/p-Xylenes	12.047	106	726410	111.268	ug/l	96
69) o-Xylene	12.376	106	289309	45.220	ug/l	100
73) Isopropylbenzene	12.671	105	341010	19.664	ug/l	100
78) n-propylbenzene	13.012	91	1306539	61.166	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	599688	40.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	2248350	152.671	ug/l	99
85) sec-Butylbenzene	13.594	105	71233	3.916	ug/l #	69
86) p-Isopropyltoluene	13.706	119	20461	1.362	ug/l #	75
89) n-Butylbenzene	14.035	91	75518m	5.062	ug/l	

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

Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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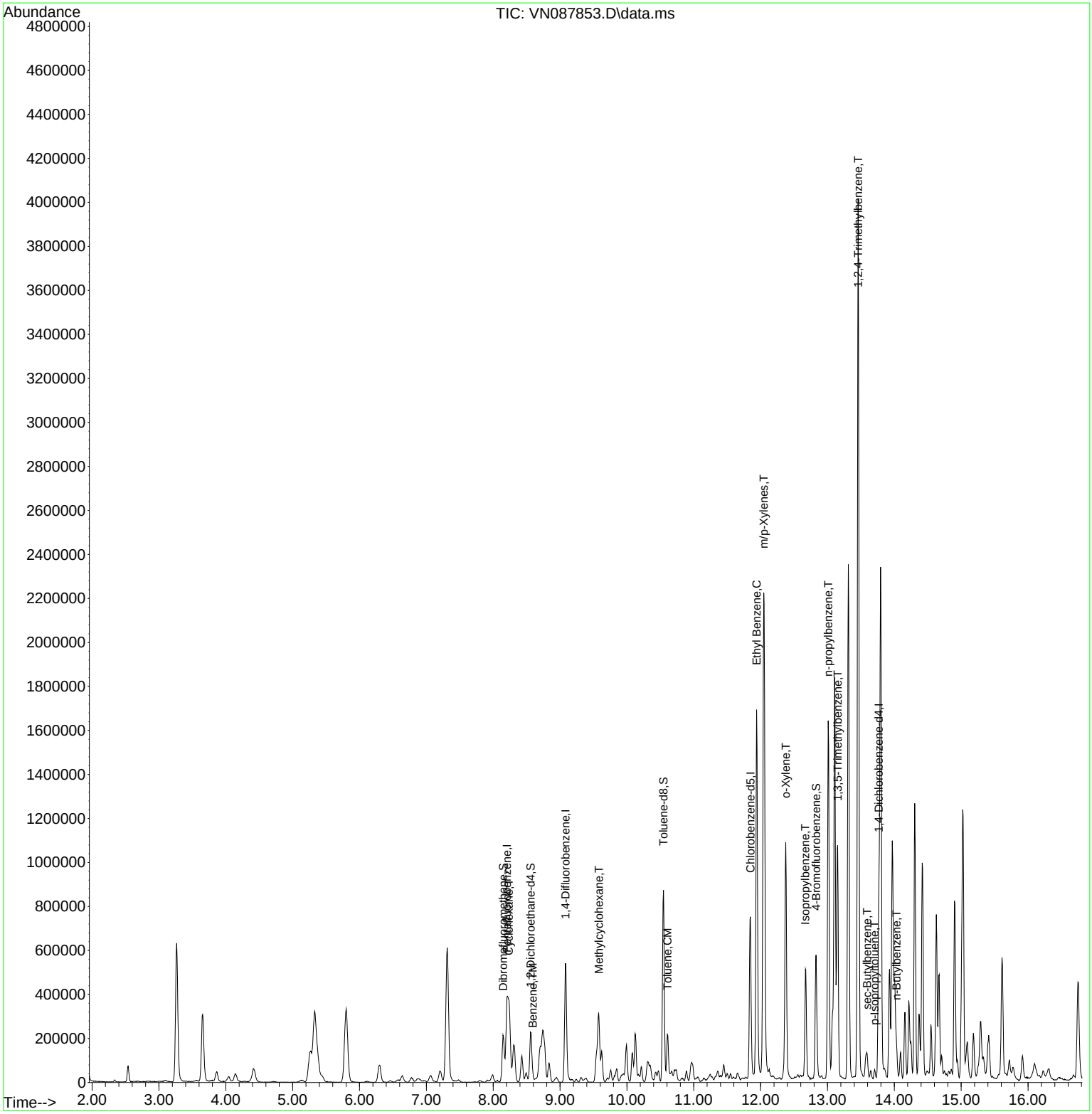
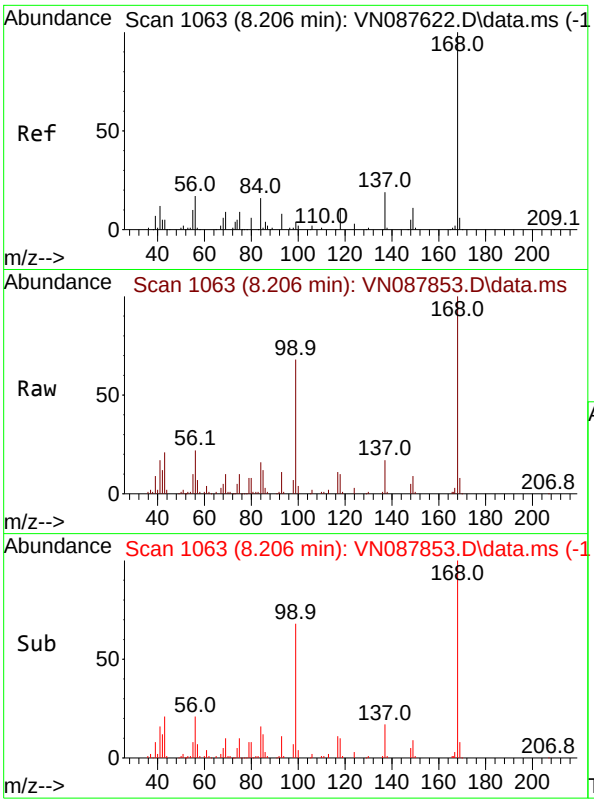
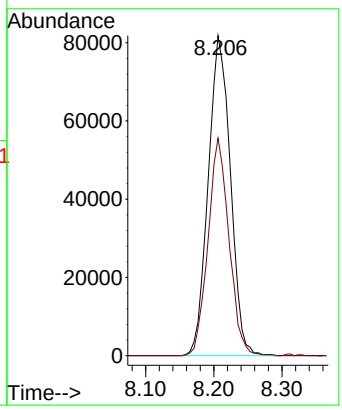




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:168 Resp: 18526

Ion	Ratio	Lower	Upper
168	100		
99	68.0	57.2	85.8



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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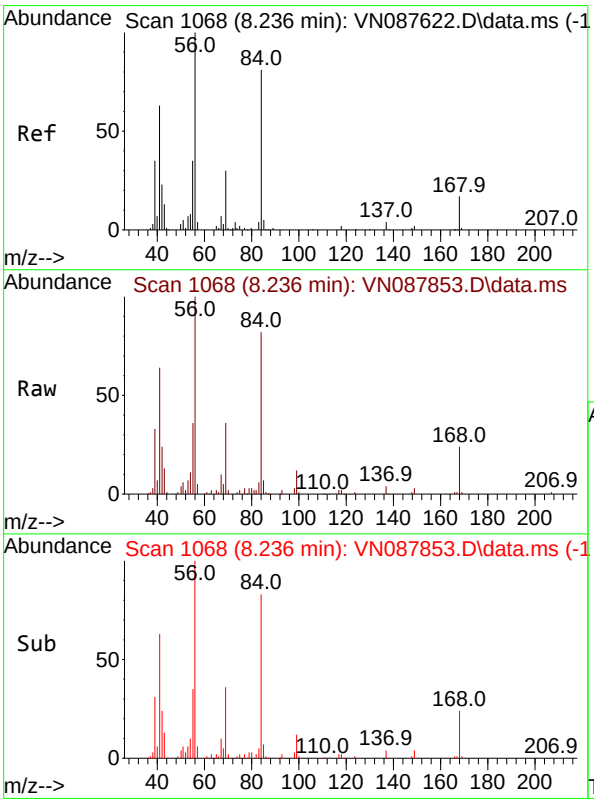
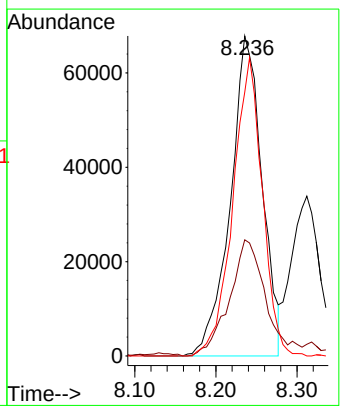
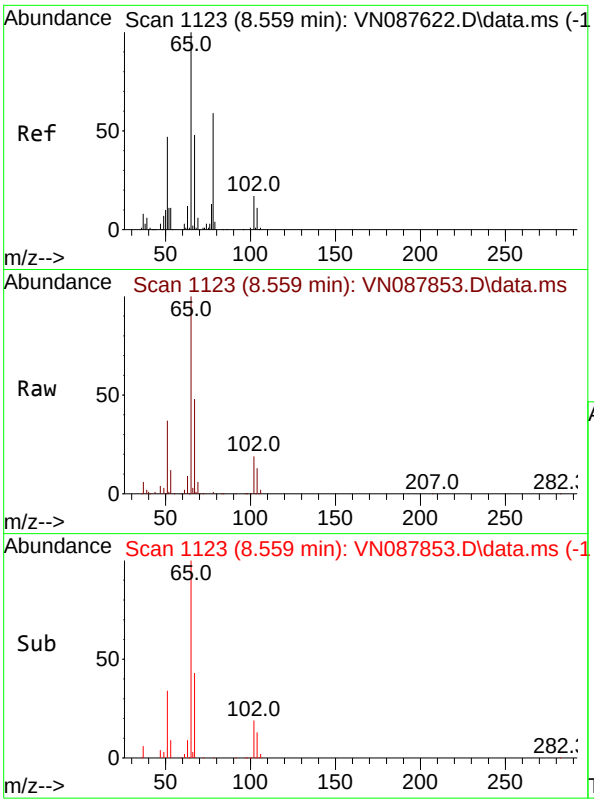


#31
Cyclohexane
Concen: 38.565 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 56 Resp: 184130

Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.7	35.5#
84	82.4	64.7	97.1

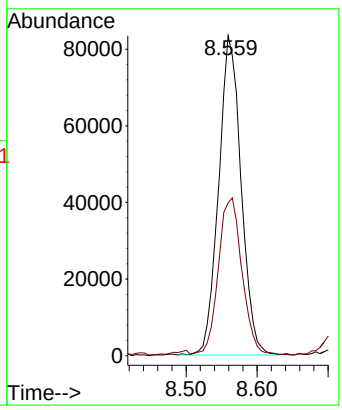




#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 65 Resp: 18312

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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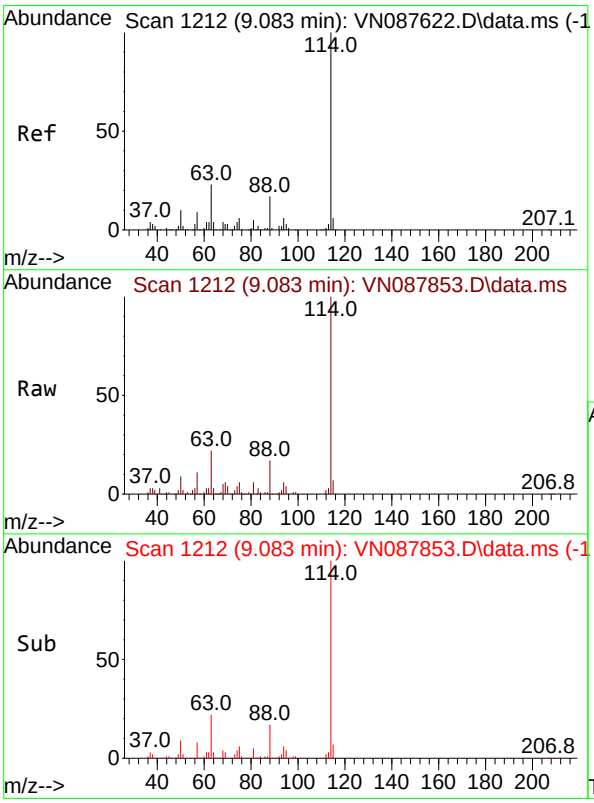
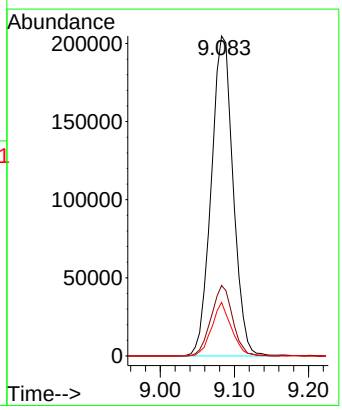
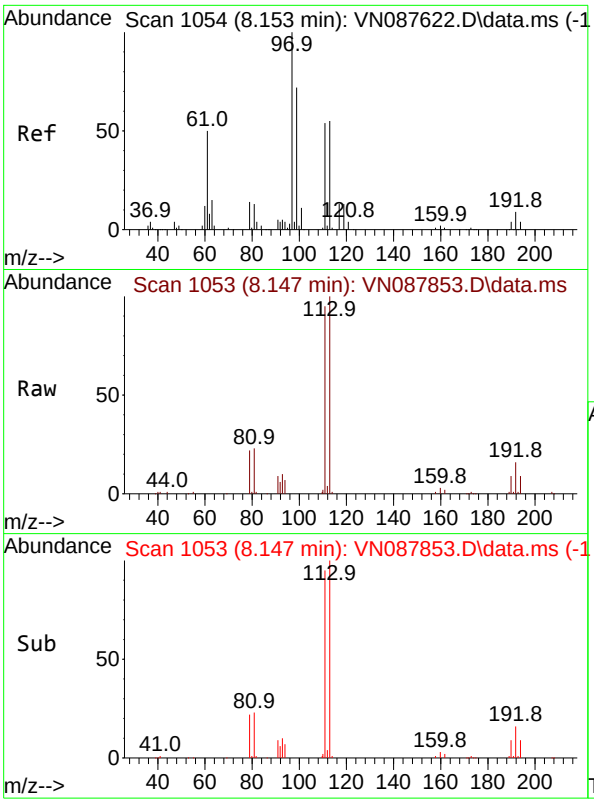


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:114 Resp: 420719

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	16.7	0.0	33.4

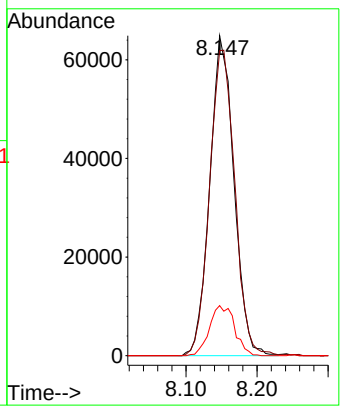




#35
Dibromofluoromethane
Concen: 50.523 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:113 Resp: 153469

Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.8	124.2
192	16.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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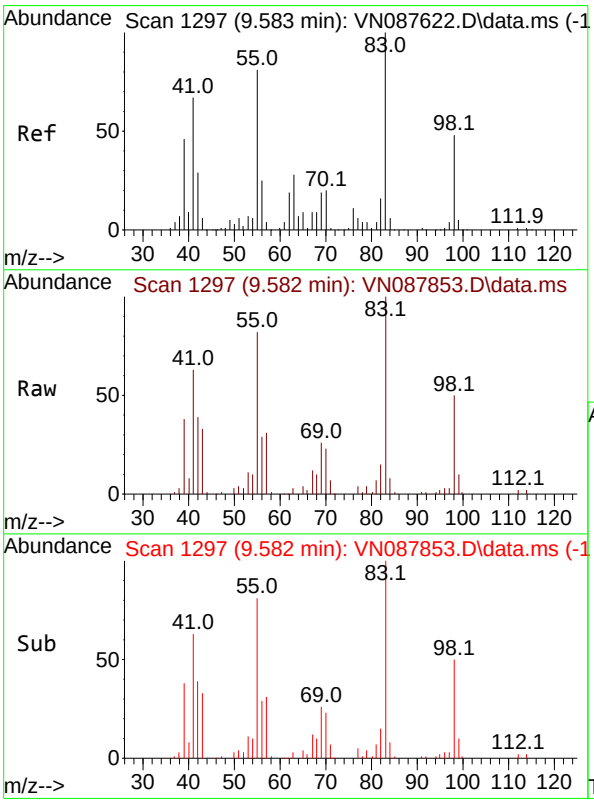
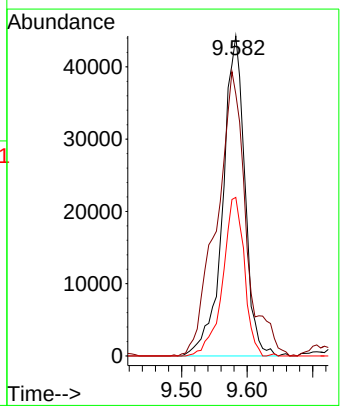
Supervised By :Mahesh Dadoda 09/18/2025

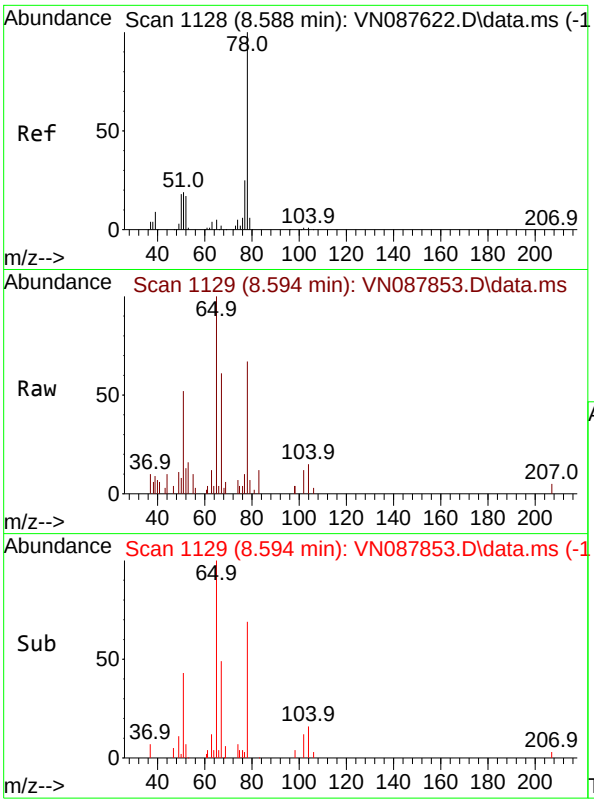


#39
Methylcyclohexane
Concen: 20.135 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 83 Resp: 103304

Ion	Ratio	Lower	Upper
83	100		
55	81.9	64.6	96.8
98	49.6	38.4	57.6

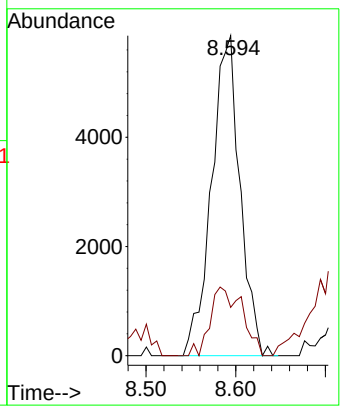




#40
Benzene
Concen: 0.903 ug/l
RT: 8.594 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 78 Resp: 1290

Ion	Ratio	Lower	Upper
78	100		
77	15.1	19.7	29.5



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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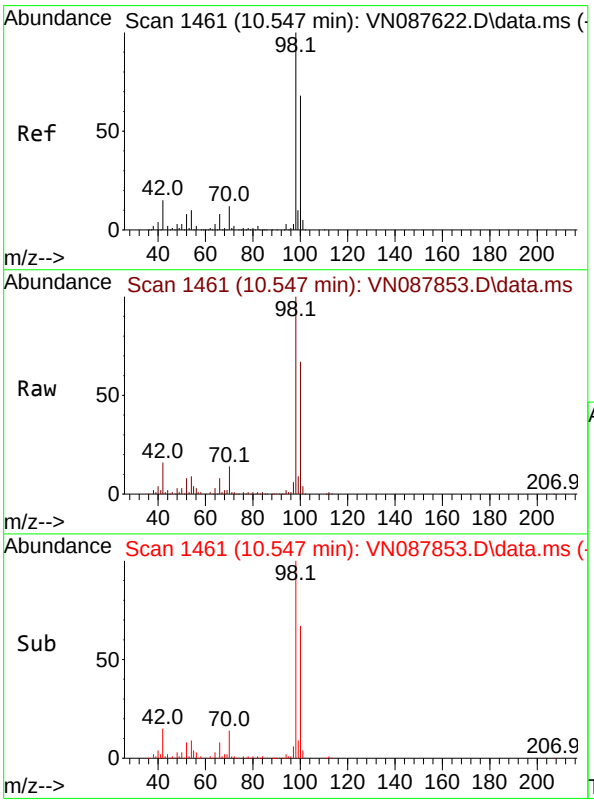
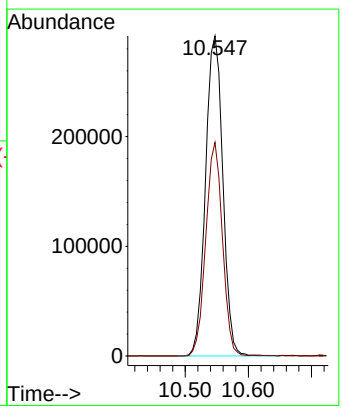
Supervised By :Mahesh Dadoda 09/18/2025

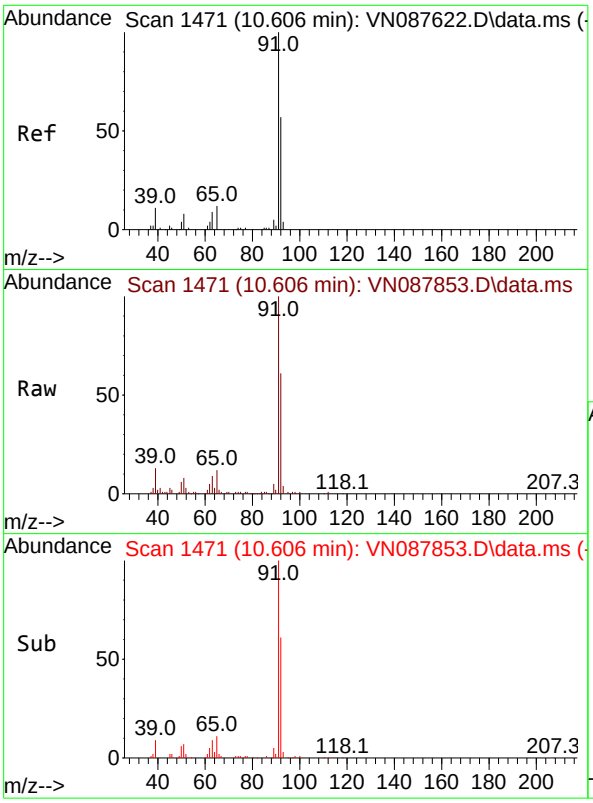


#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 98 Resp: 555814

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2





#52
Toluene
Concen: 10.120 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 92 Resp: 8967

Ion	Ratio	Lower	Upper
92	100		
91	177.1	140.4	210.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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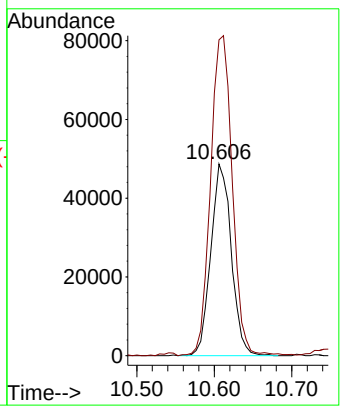
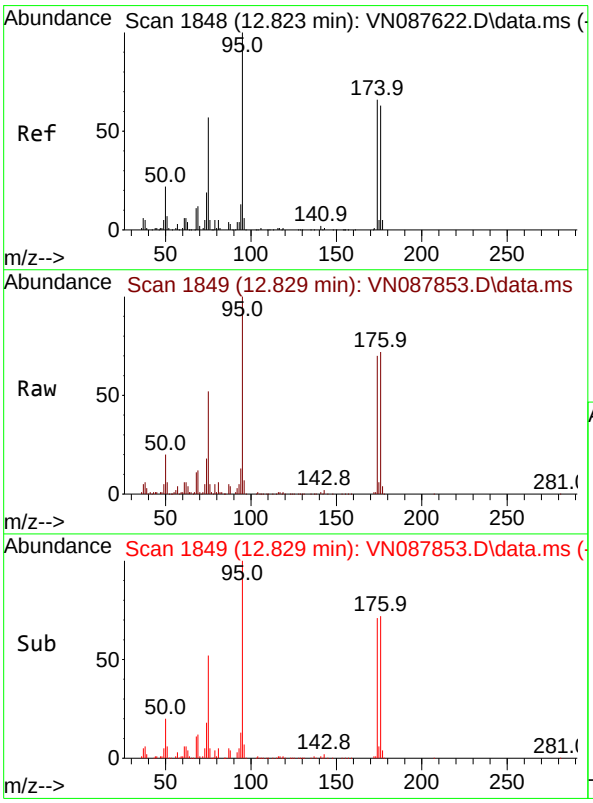
Supervised By :Mahesh Dadoda 09/18/2025

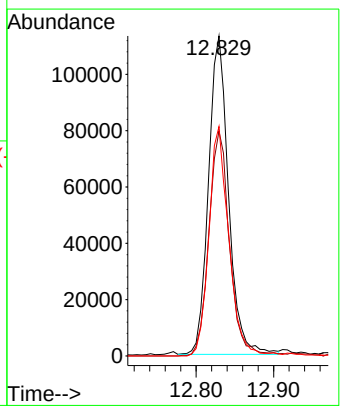


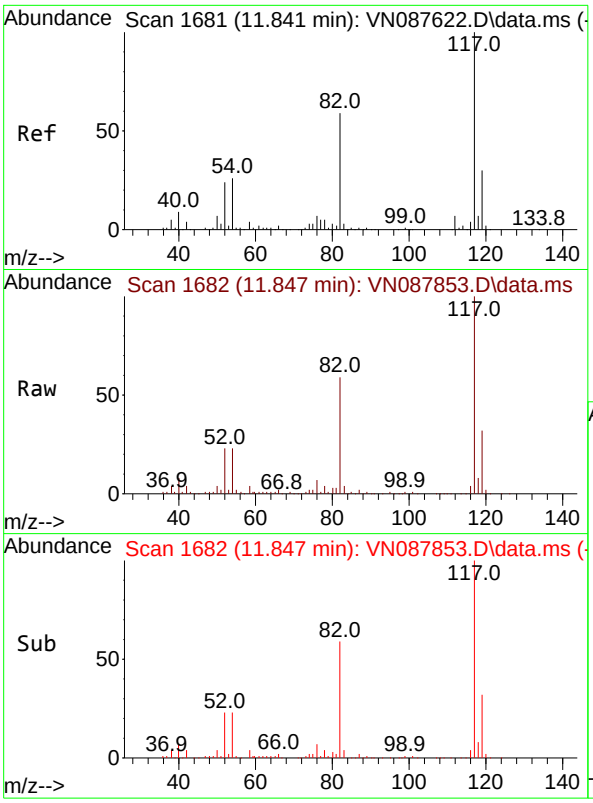


#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 95 Resp: 202863

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	71.3	0.0	132.6

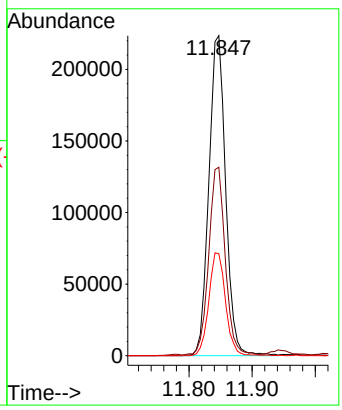




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:117 Resp: 41325

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.9	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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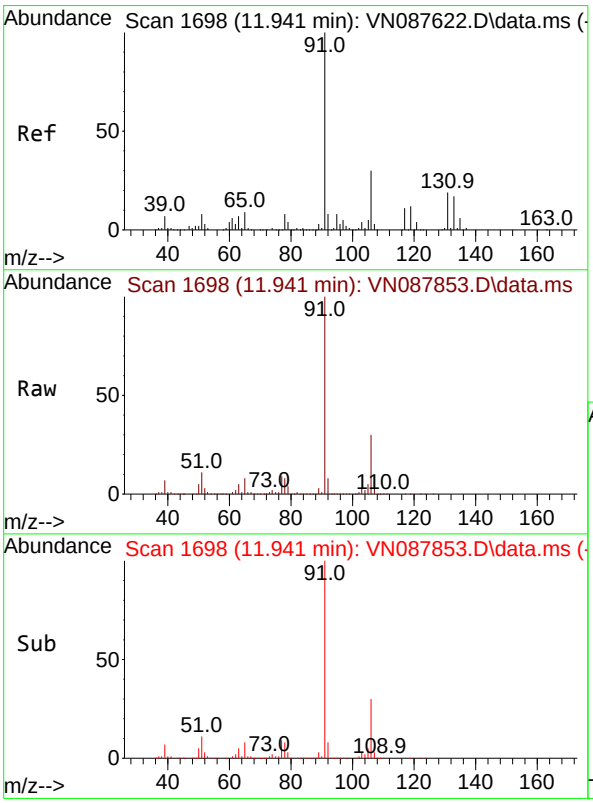
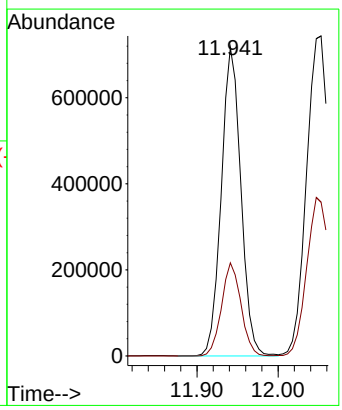
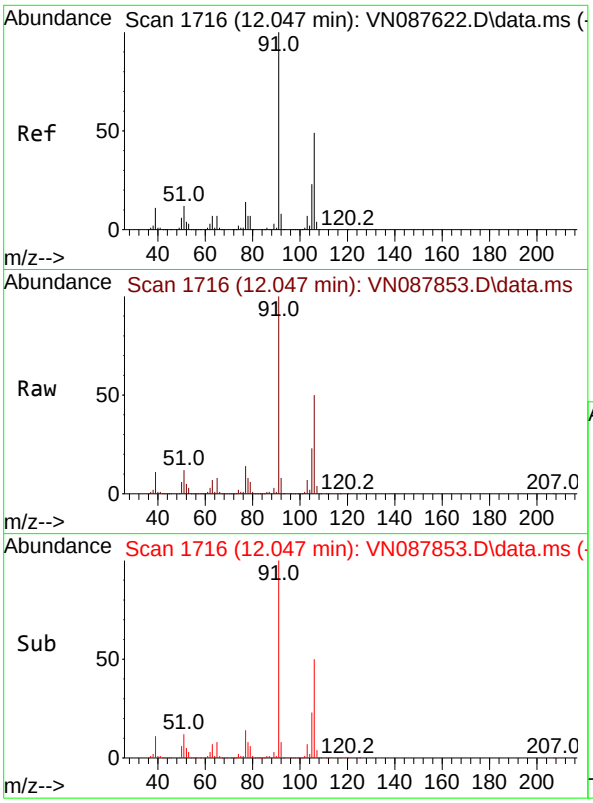


#67
Ethyl Benzene
Concen: 67.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 1205763

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1





#68
m/p-Xylenes
Concen: 111.268 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 72641

Ion	Ratio	Lower	Upper
106	100		
91	205.8	169.3	253.9

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

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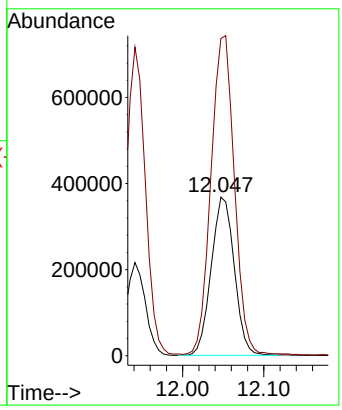
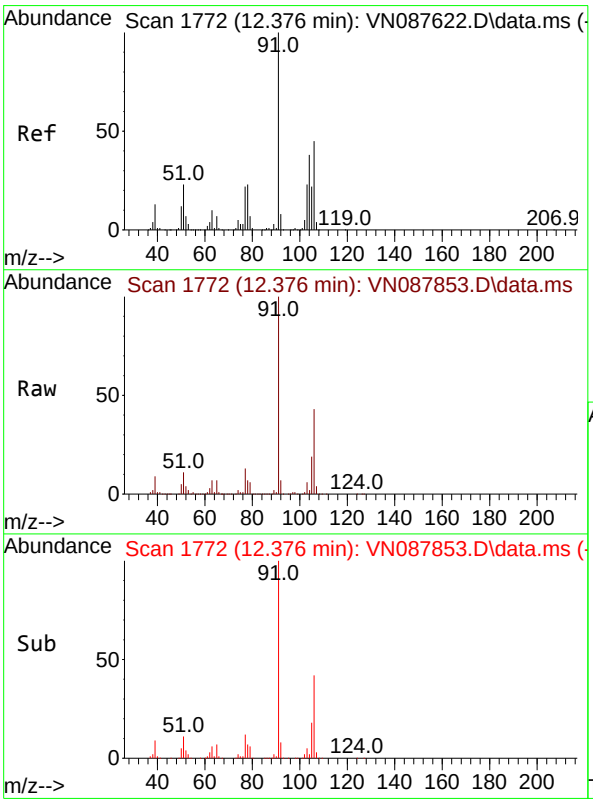
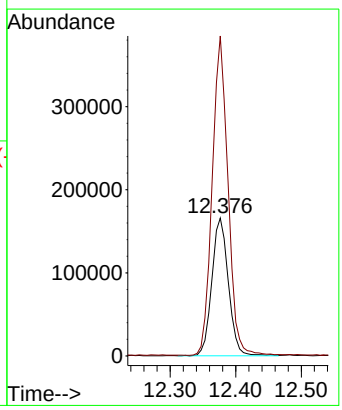


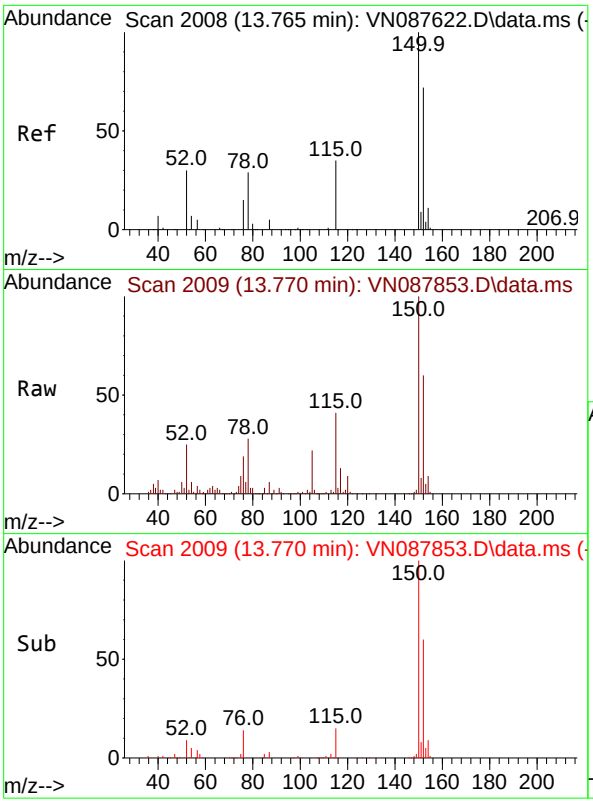


#69
o-Xylene
Concen: 45.220 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 289309

Ion	Ratio	Lower	Upper
106	100		
91	222.4	111.4	334.2

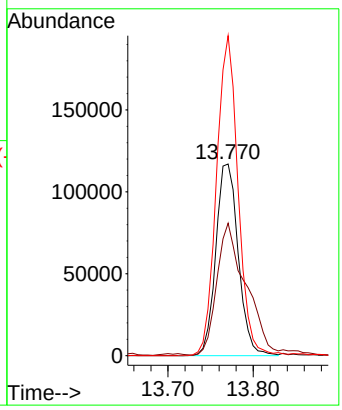




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:152 Resp: 21460

Ion	Ratio	Lower	Upper
152	100		
115	91.5	32.3	96.8
150	160.4	0.0	351.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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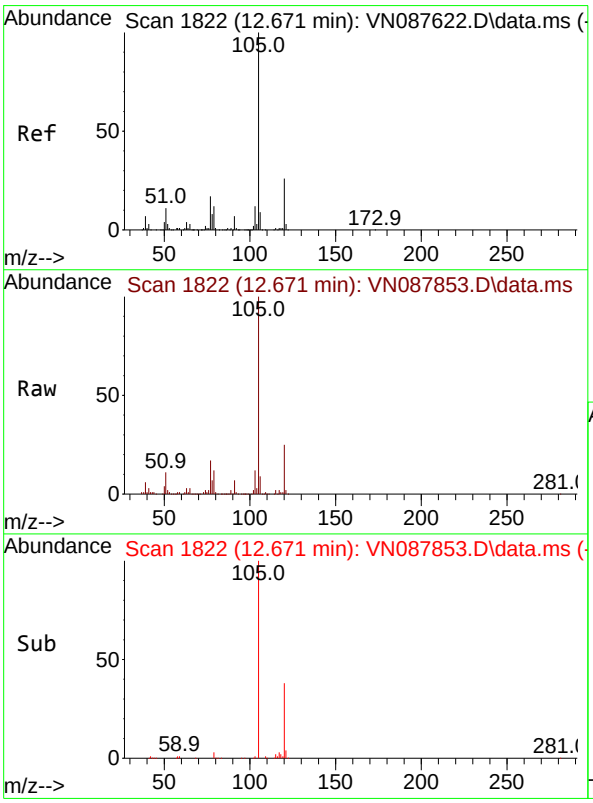
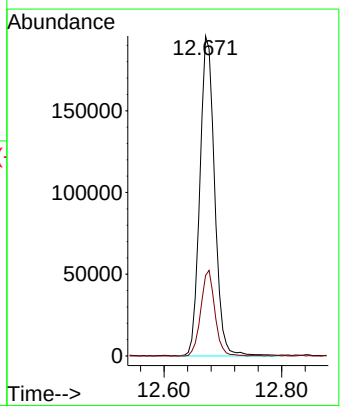
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

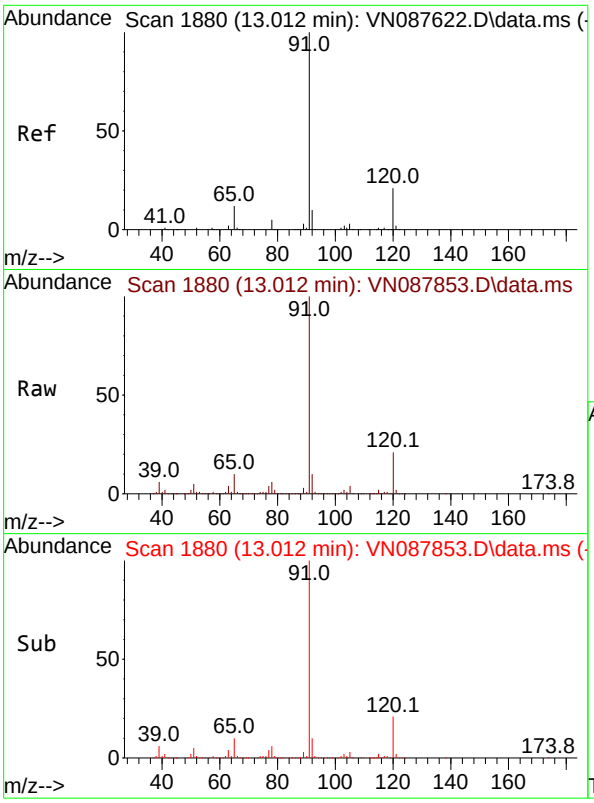


#73
Isopropylbenzene
Concen: 19.664 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 341010

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3

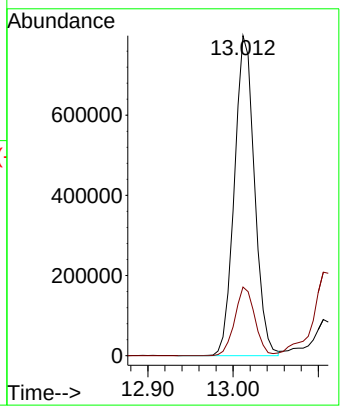




#78
n-propylbenzene
Concen: 61.166 ug/l
RT: 13.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 130653

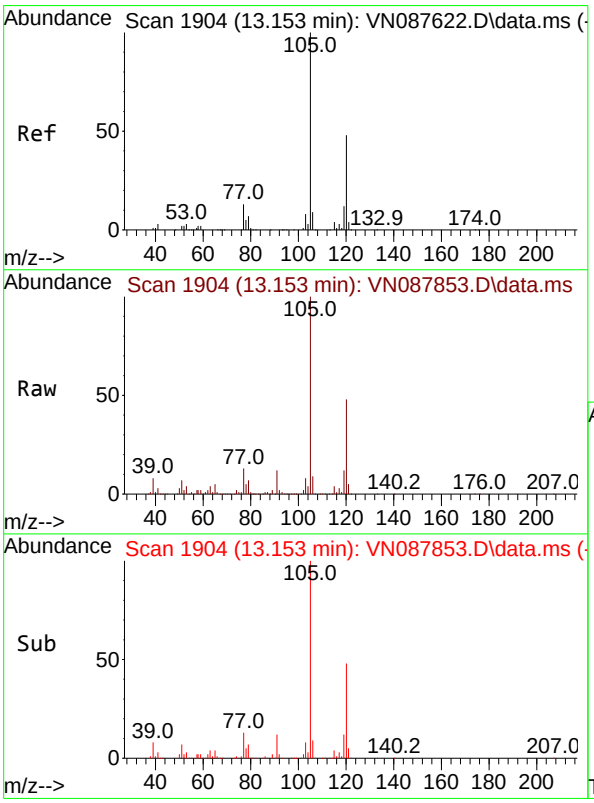
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.7	32.1



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

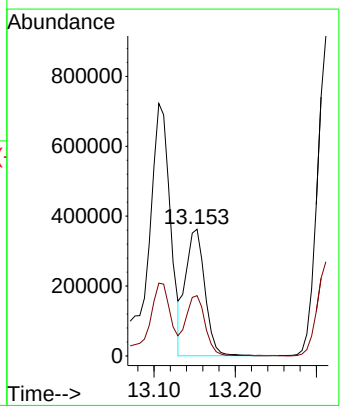
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

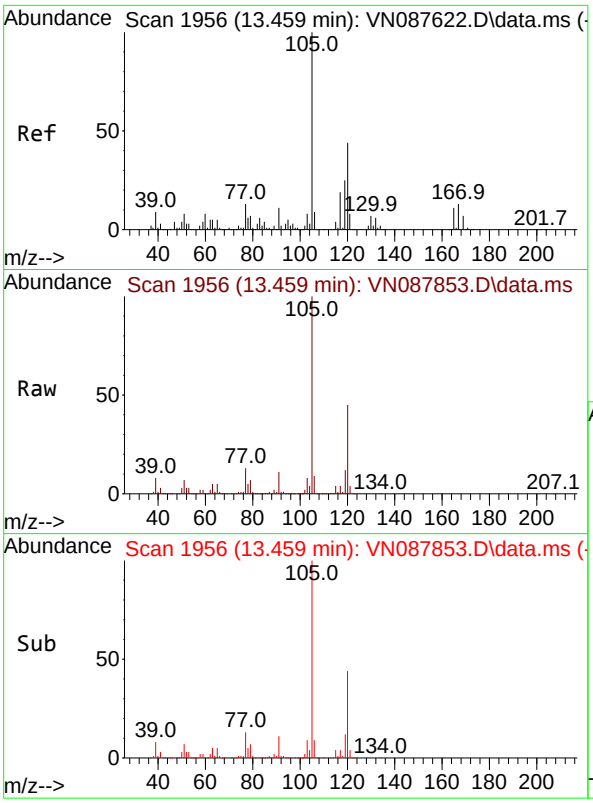


#80
1,3,5-Trimethylbenzene
Concen: 40.764 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 599688

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6

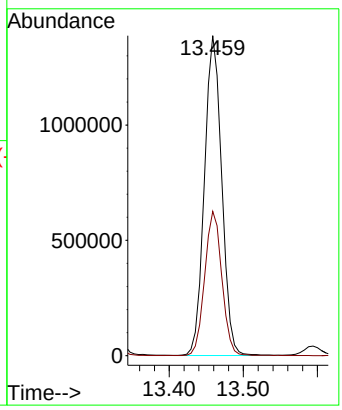




#84
1,2,4-Trimethylbenzene
Concen: 152.671 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 224835

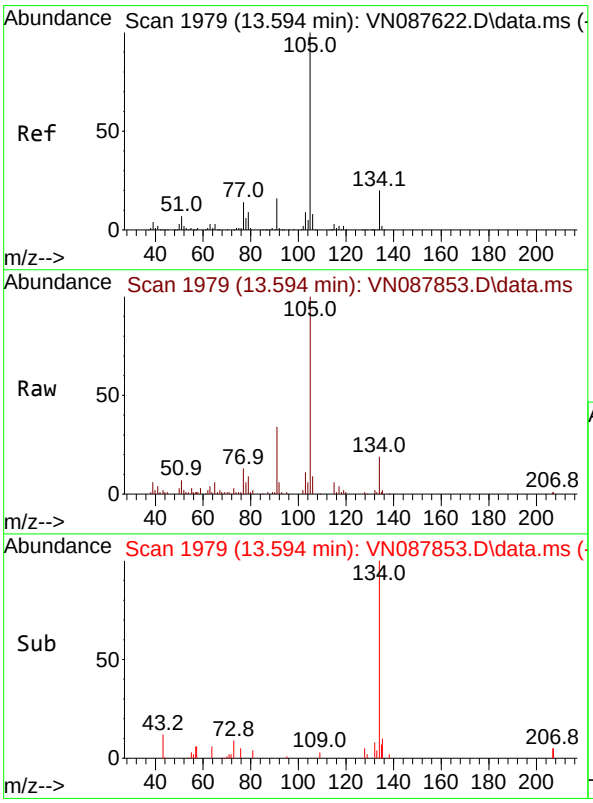
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

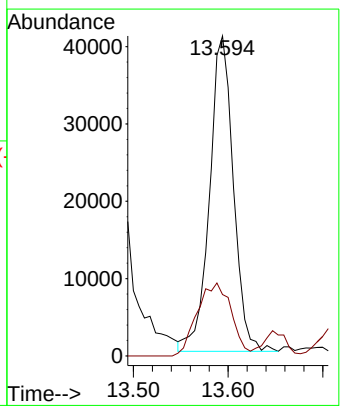
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

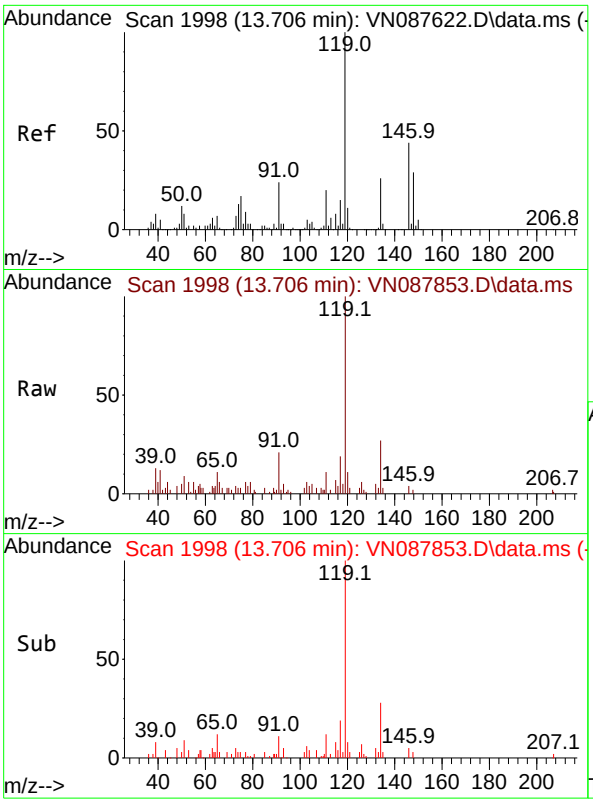


#85
sec-Butylbenzene
Concen: 3.916 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 71233

Ion	Ratio	Lower	Upper
105	100		
134	33.1	9.6	28.6#

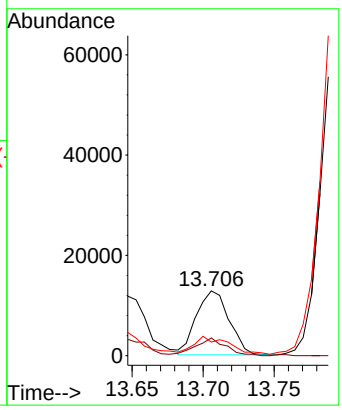




#86
p-Isopropyltoluene
Concen: 1.362 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:119 Resp: 2046

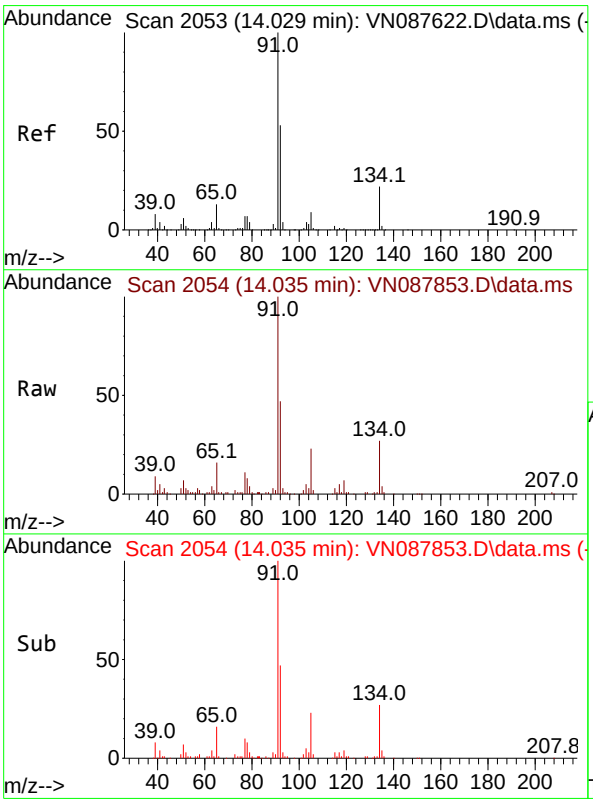
Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	0.0	12.5	37.5#



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

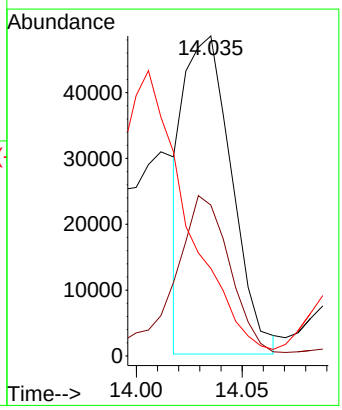
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#89
n-Butylbenzene
Concen: 5.062 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 75518

Ion	Ratio	Lower	Upper
91	100		
92	55.5	25.9	77.8
134	0.0	11.7	35.0#



Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

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

Signal : TIC: VN087853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.542	93	100	106	rBV	71483	125749	1.96%	0.168%
2	3.265	212	223	241	rBV	629159	1530180	23.79%	2.043%
3	3.653	279	289	299	rBV2	303285	776866	12.08%	1.037%
4	3.865	317	325	336	rVB4	44690	118734	1.85%	0.158%
5	4.048	346	356	365	rBV2	21659	64372	1.00%	0.086%
6	4.142	365	372	385	rVB2	35518	105241	1.64%	0.140%
7	4.412	405	418	434	rVB4	61404	223033	3.47%	0.298%
8	5.265	550	563	566	rBV2	138561	437988	6.81%	0.585%
9	5.330	567	574	605	rVB4	321107	1480864	23.02%	1.977%
10	5.800	639	654	669	rBV2	333371	1145337	17.81%	1.529%
11	6.300	728	739	752	rVB5	77625	244074	3.79%	0.326%
12	6.642	791	797	806	rVB3	29428	78563	1.22%	0.105%
13	6.777	809	820	828	rBV5	21572	65180	1.01%	0.087%
14	7.059	859	868	876	rBV5	28500	85202	1.32%	0.114%
15	7.206	882	893	901	rBV4	49451	149855	2.33%	0.200%
16	7.312	901	911	930	rVB	606394	1738717	27.03%	2.321%
17	7.994	1019	1027	1033	rVB4	31643	78831	1.23%	0.105%
18	8.147	1043	1053	1058	rBV	212946	516725	8.03%	0.690%
19	8.212	1058	1064	1075	rVV3	388223	1594242	24.79%	2.128%
20	8.306	1075	1080	1092	rVB2	168205	447378	6.96%	0.597%
21	8.430	1092	1101	1107	rBV2	118494	268518	4.17%	0.358%
22	8.494	1107	1112	1116	rVV4	38647	79300	1.23%	0.106%
23	8.559	1116	1123	1133	rVV	223505	534240	8.31%	0.713%
24	8.706	1133	1148	1149	rVV6	158068	364678	5.67%	0.487%
25	8.741	1150	1154	1165	rVV2	230660	761172	11.83%	1.016%
26	8.835	1165	1170	1179	rVB2	84447	189994	2.95%	0.254%
27	8.947	1179	1189	1199	rVB5	21680	65355	1.02%	0.087%
28	9.083	1202	1212	1225	rBV	540875	1186738	18.45%	1.584%
29	9.577	1281	1296	1301	rBV4	315795	934266	14.53%	1.247%
30	9.624	1301	1304	1313	rVB	139261	243016	3.78%	0.324%
31	9.759	1321	1327	1332	rVB2	47812	86965	1.35%	0.116%
32	9.847	1332	1342	1348	rVB2	54381	135253	2.10%	0.181%
33	9.994	1361	1367	1375	rVB	165810	340648	5.30%	0.455%
34	10.082	1375	1382	1385	rBV2	129043	248428	3.86%	0.332%
35	10.124	1385	1389	1395	rVB	189491	352427	5.48%	0.470%
36	10.218	1401	1405	1412	rVB2	67645	116229	1.81%	0.155%

Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

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

37	10.312	1412	1421	1425	rBV5	90863	242656	3.77%	0.324%
38	10.430	1436	1441	1445	rBV3	35579	70114	1.09%	0.094%
39	10.471	1445	1448	1453	rVB3	46441	76810	1.19%	0.103%
40	10.547	1453	1461	1467	rBV	866917	1646289	25.59%	2.198%
41	10.606	1467	1471	1478	rVB	180077	322714	5.02%	0.431%
42	10.888	1514	1519	1525	rBV3	43776	79891	1.24%	0.107%
43	10.971	1525	1533	1541	rVV7	85193	262768	4.09%	0.351%
44	11.247	1570	1580	1583	rBV6	26252	64576	1.00%	0.086%
45	11.447	1609	1614	1619	rVB3	55763	94190	1.46%	0.126%
46	11.653	1645	1649	1657	rVB6	31365	68032	1.06%	0.091%
47	11.847	1674	1682	1690	rBV	735578	1365026	21.22%	1.822%
48	11.941	1691	1698	1708	rVV	1672766	2889548	44.92%	3.857%
49	12.047	1708	1716	1727	rVV	2200625	4511212	70.14%	6.022%
50	12.376	1761	1772	1786	rBV	1075396	1939372	30.15%	2.589%
51	12.671	1816	1822	1834	rVB	501657	891832	13.87%	1.190%
52	12.829	1841	1849	1860	rBV	561660	1026454	15.96%	1.370%
53	13.012	1873	1880	1886	rBV	1624299	2676631	41.61%	3.573%
54	13.106	1886	1896	1900	rVV	1817344	3406014	52.95%	4.547%
55	13.153	1900	1904	1911	rVB	1050889	1727838	26.86%	2.306%
56	13.312	1924	1931	1942	rBV	2337631	3890514	60.49%	5.193%
57	13.459	1949	1956	1970	rBV	3989424	6432087	100.00%	8.586%
58	13.588	1970	1978	1984	rVB3	112054	276311	4.30%	0.369%
59	13.706	1994	1998	2002	rBV3	42686	66680	1.04%	0.089%
60	13.794	2002	2013	2021	rBV2	2320136	5090137	79.14%	6.795%
61	13.929	2030	2036	2039	rBV	491667	828006	12.87%	1.105%
62	13.970	2039	2043	2047	rBV	856701	1387991	21.58%	1.853%
63	14.094	2059	2064	2069	rVB2	116335	190442	2.96%	0.254%
64	14.159	2069	2075	2080	rBV2	299932	503244	7.82%	0.672%
65	14.217	2080	2085	2089	rBV	332955	569002	8.85%	0.760%
66	14.306	2094	2100	2106	rVV	1241195	1957312	30.43%	2.613%
67	14.370	2106	2111	2114	rVV	282375	464268	7.22%	0.620%
68	14.417	2114	2119	2127	rVV2	967356	1710238	26.59%	2.283%
69	14.547	2136	2141	2147	rVB	233225	371883	5.78%	0.496%
70	14.629	2147	2155	2159	rBV	733558	1242580	19.32%	1.659%
71	14.670	2159	2162	2166	rVV	450958	662262	10.30%	0.884%
72	14.706	2166	2168	2172	rVB2	81990	100795	1.57%	0.135%
73	14.900	2196	2201	2207	rBV	787404	1325575	20.61%	1.769%
74	15.023	2213	2222	2228	rBV2	1218173	2619839	40.73%	3.497%
75	15.094	2228	2234	2243	rVB3	162014	377466	5.87%	0.504%
76	15.182	2243	2249	2256	rBV3	202169	378036	5.88%	0.505%

Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

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

77	15.294	2256	2268	2273	rBV3	248603	633801	9.85%	0.846%
78	15.412	2280	2288	2295	rVB2	190229	452268	7.03%	0.604%
79	15.612	2315	2322	2330	rBV	530783	1012391	15.74%	1.351%
80	15.723	2335	2341	2346	rVV3	77894	165599	2.57%	0.221%
81	15.770	2346	2349	2361	rVB5	55552	137457	2.14%	0.183%
82	15.917	2366	2374	2382	rBV	112037	253737	3.94%	0.339%
83	16.100	2391	2405	2414	rBV4	68363	239566	3.72%	0.320%
84	16.223	2421	2426	2432	rBV5	30825	68591	1.07%	0.092%
85	16.306	2433	2440	2453	rVB3	50877	169096	2.63%	0.226%
86	16.682	2492	2504	2508	rBV7	25010	70063	1.09%	0.094%
87	16.747	2508	2515	2522	rBV	433020	990843	15.40%	1.323%

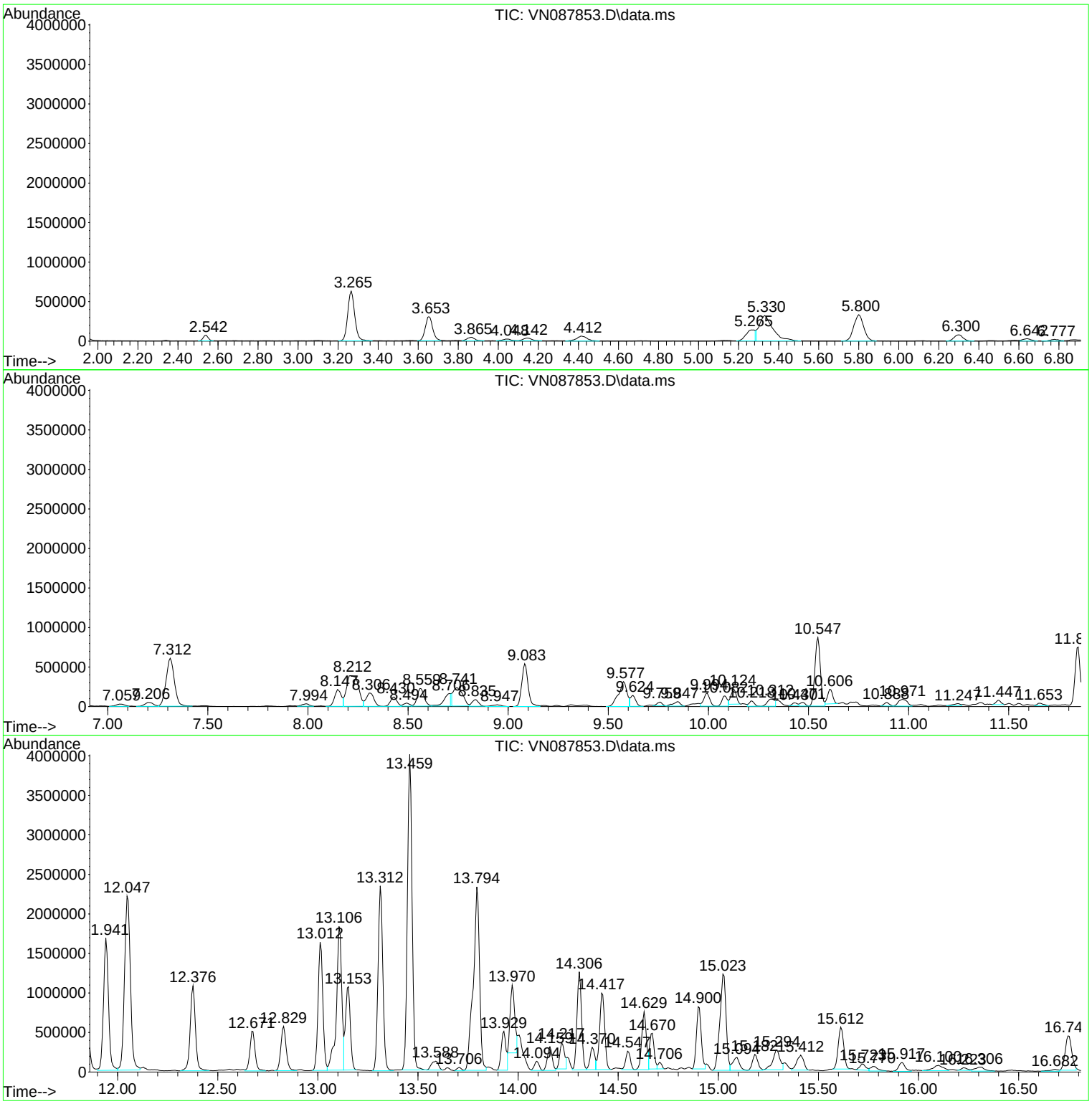
Sum of corrected areas: 74914405

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

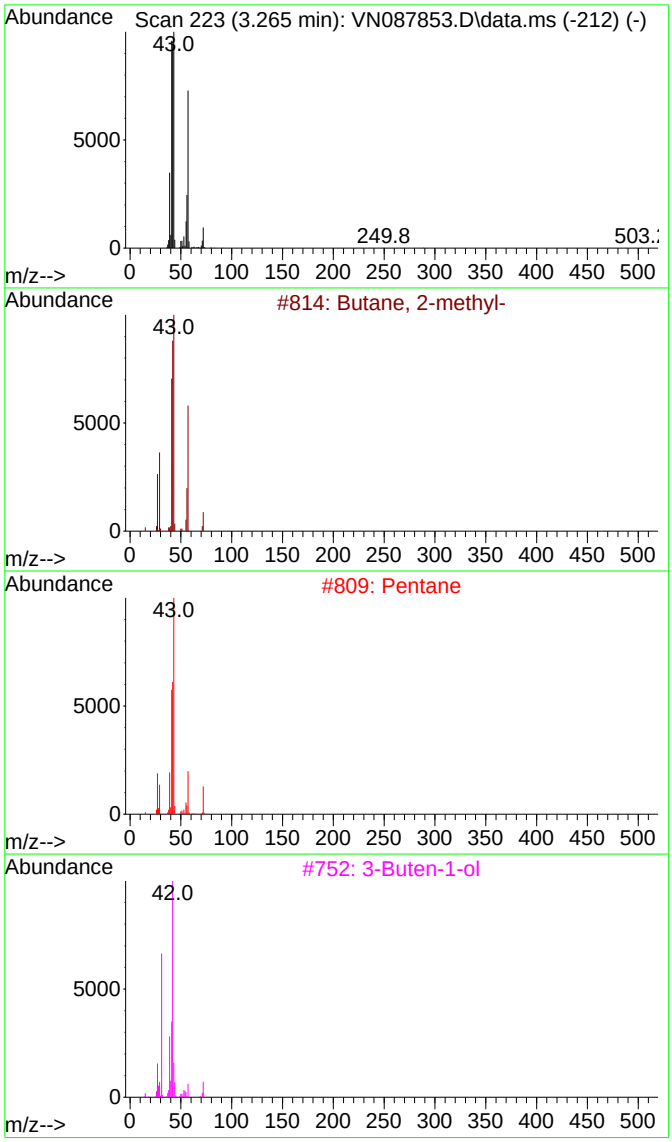
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

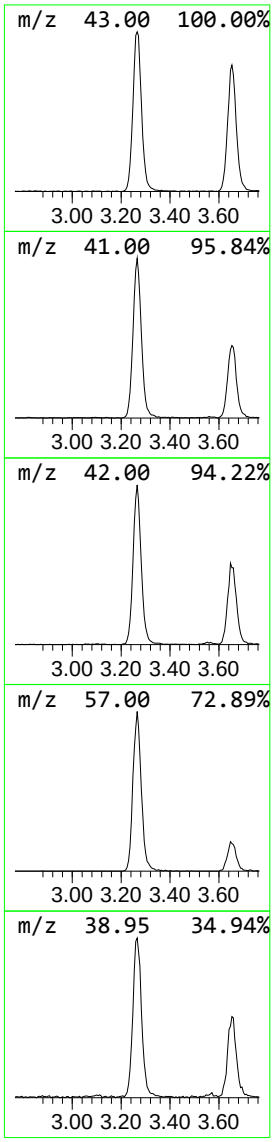
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.265	47.99 ug/l	1530180	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	10
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

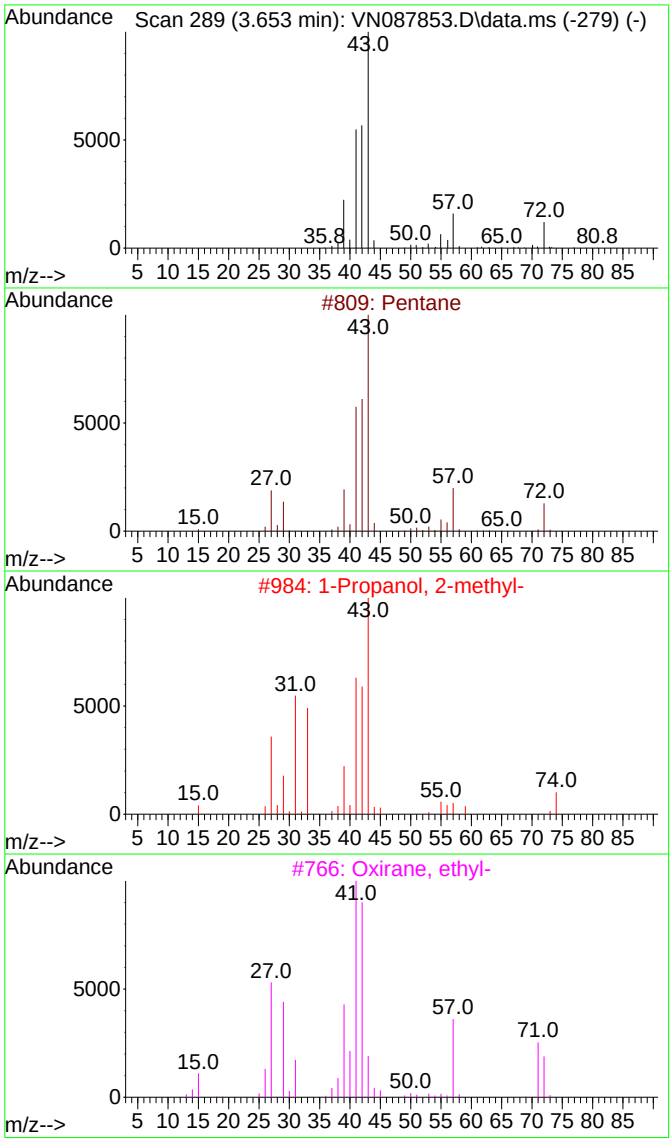
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

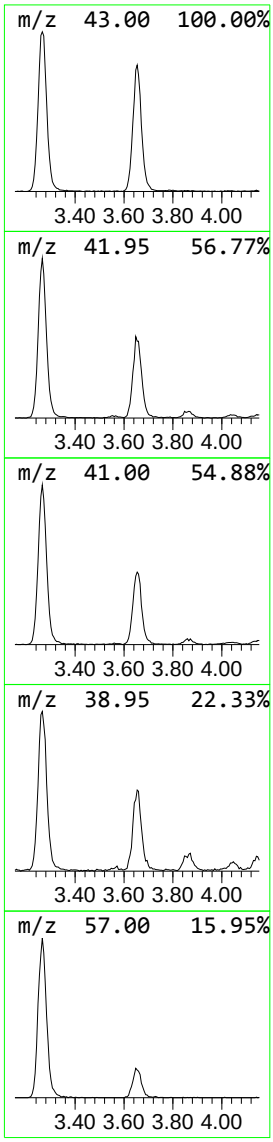
****

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.653	24.36 ug/l	776866	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Butane, 2-methyl-	72	C5H12	000078-78-4	42
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

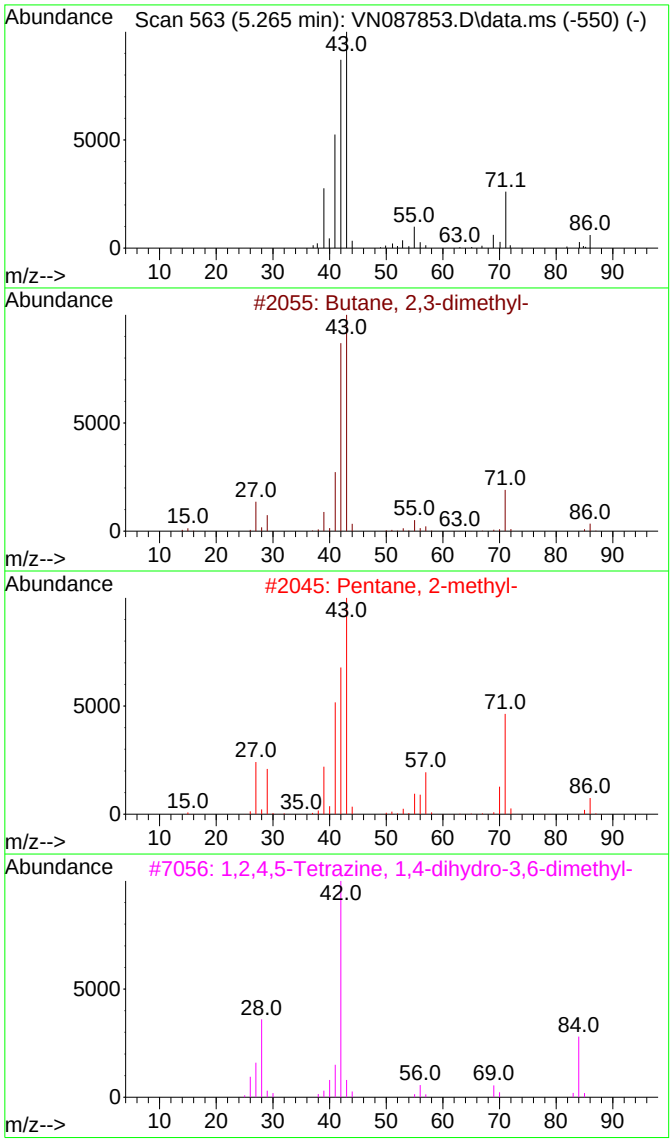
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

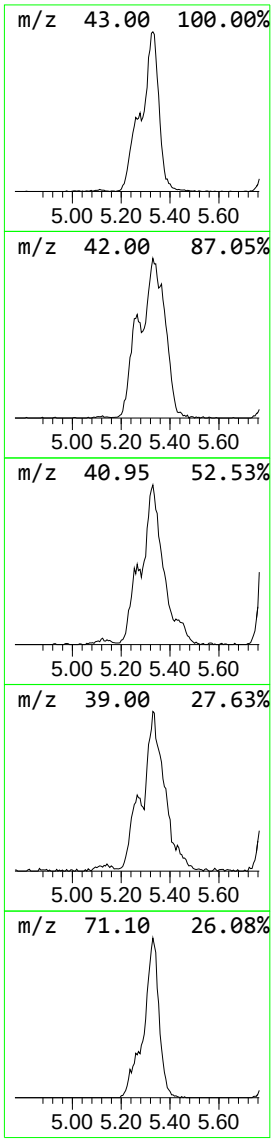
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.265	13.74 ug/l	437988	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	28
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	22
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

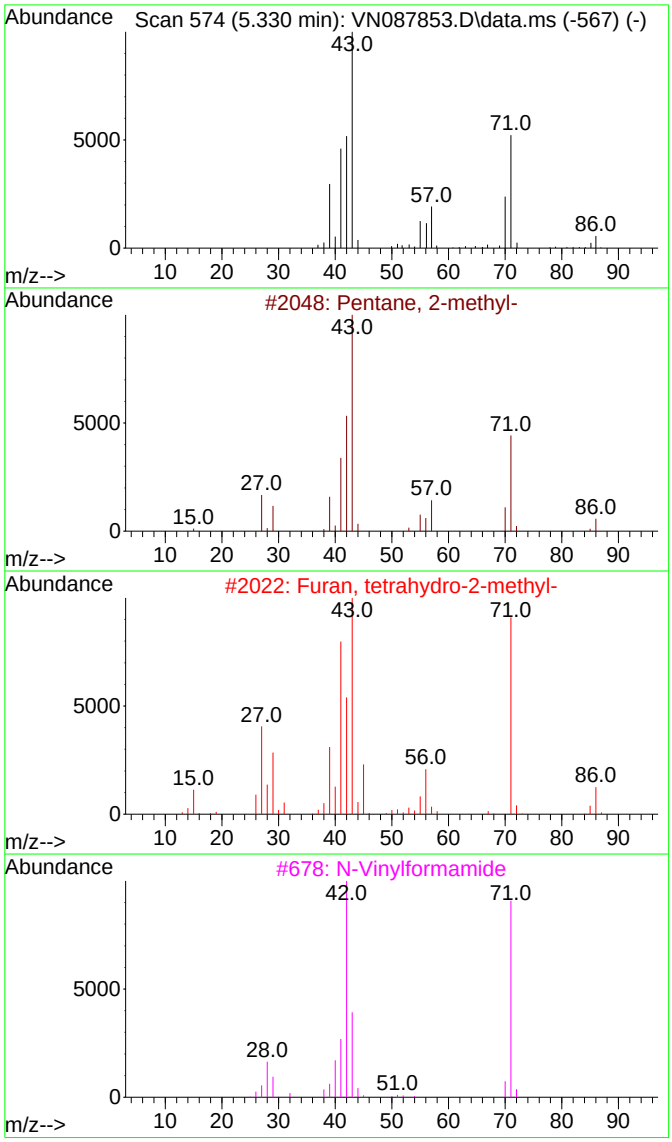
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

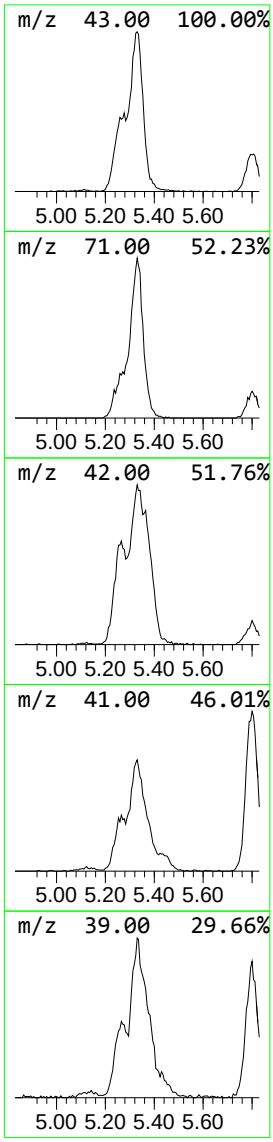
****

Peak Number 4 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	46.44 ug/l	1480860	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	52
3	N-Vinylformamide	71	C3H5NO	013162-05-5	50
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

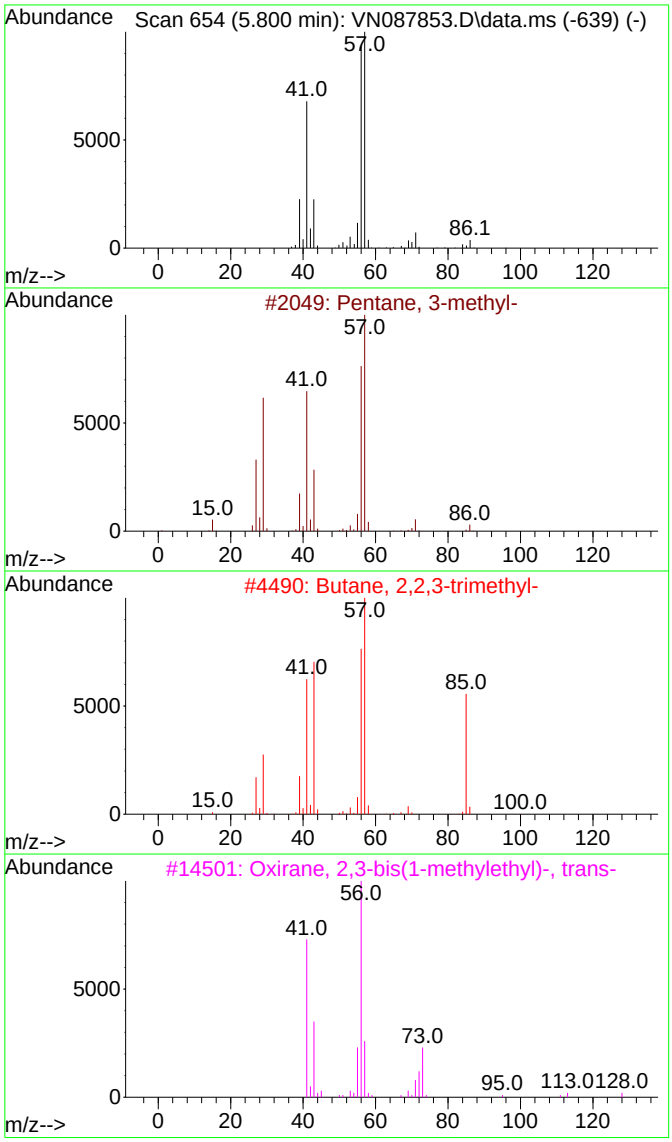
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

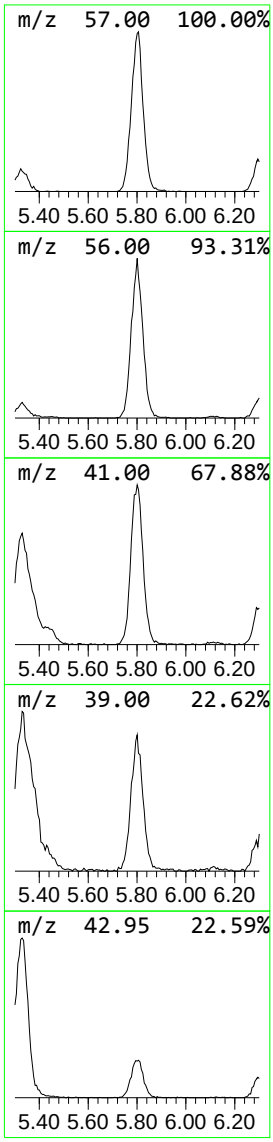
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	35.92 ug/l	1145340	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

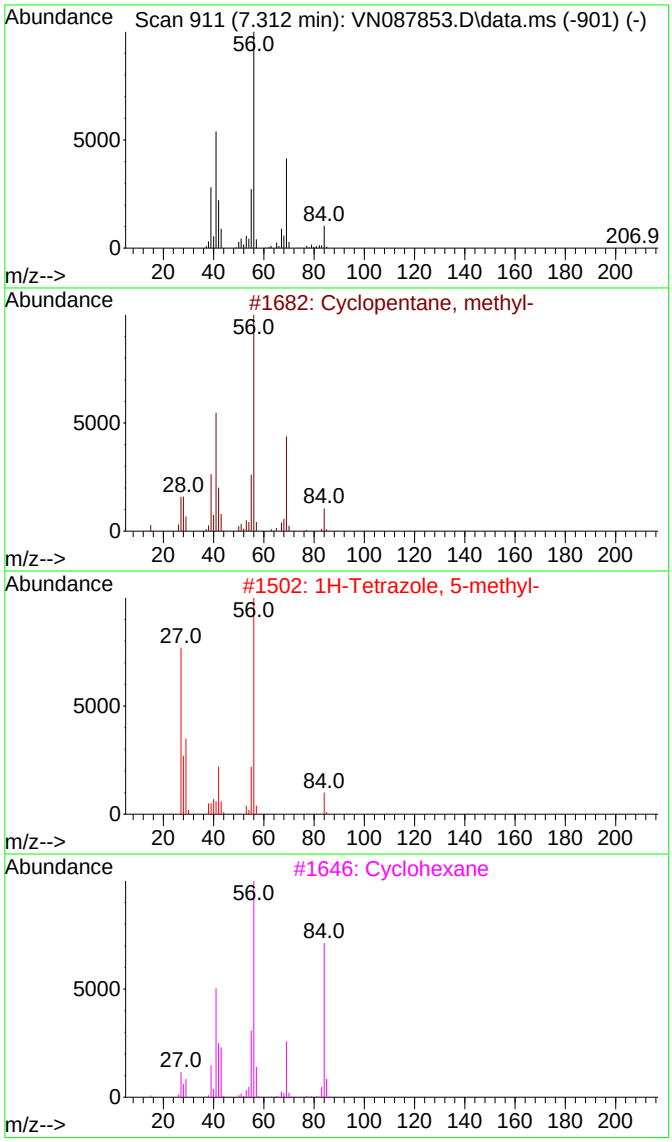
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

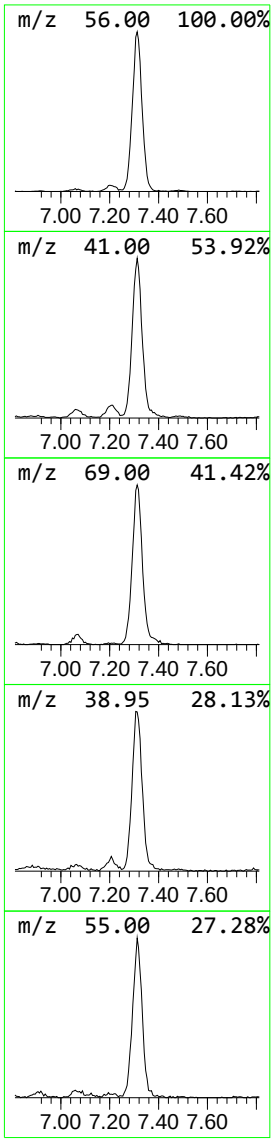
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	54.53 ug/l	1738720	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

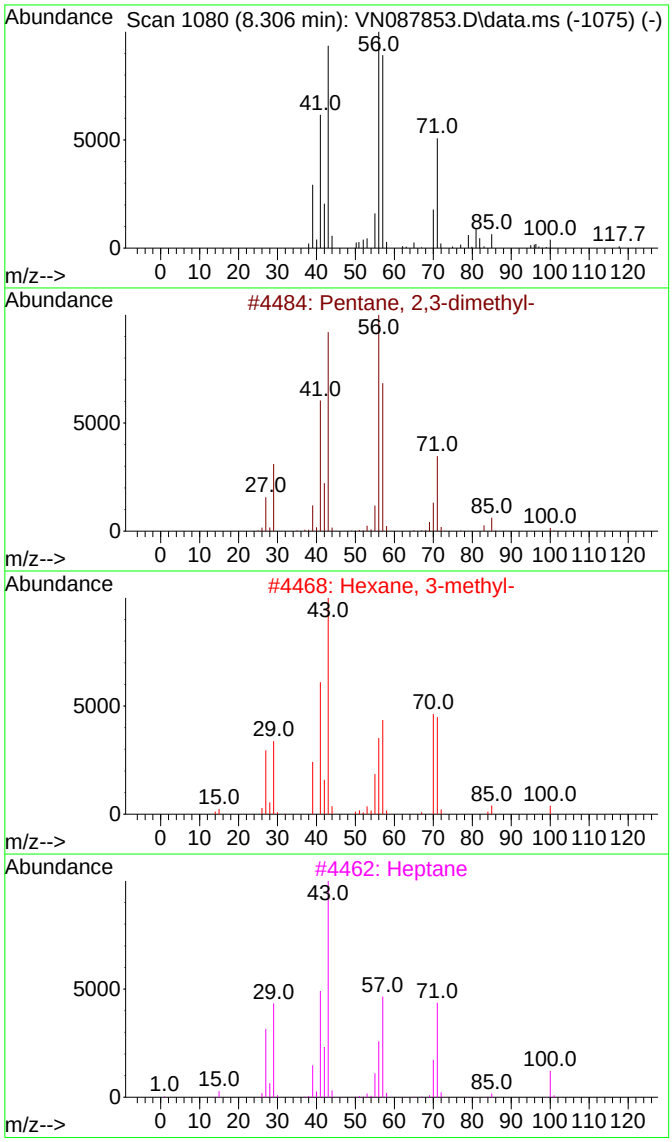
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

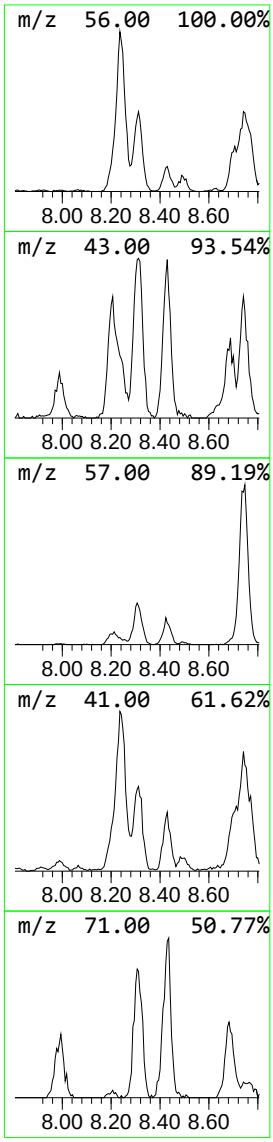
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	14.03 ug/l	447378	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	46
3	Heptane	100	C7H16	000142-82-5	43
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

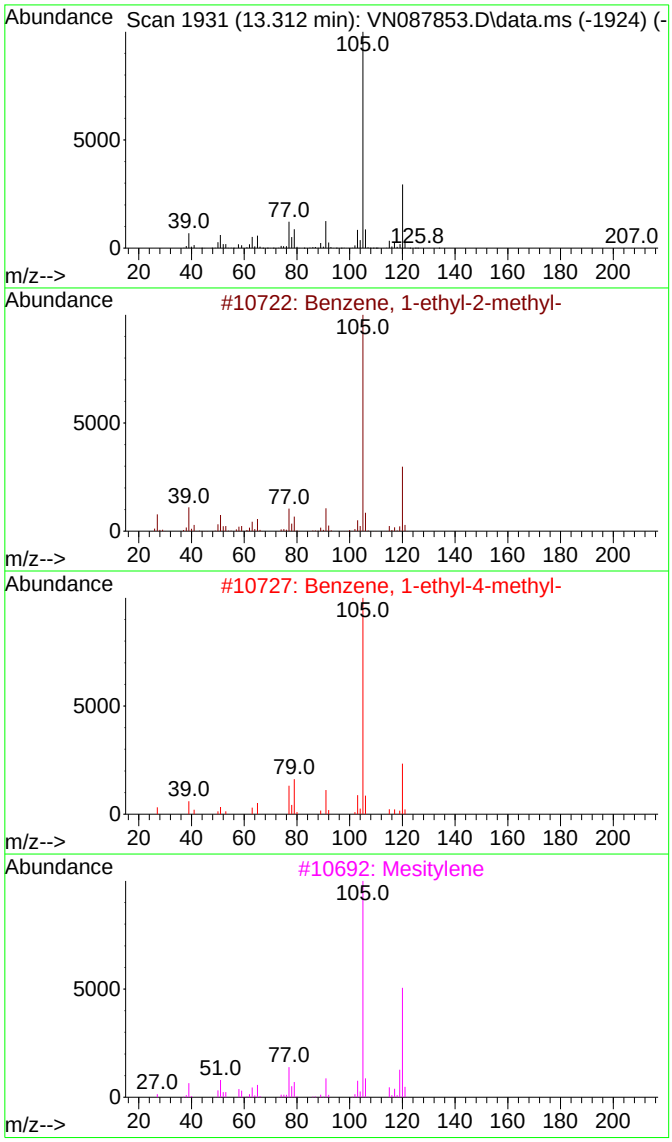
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

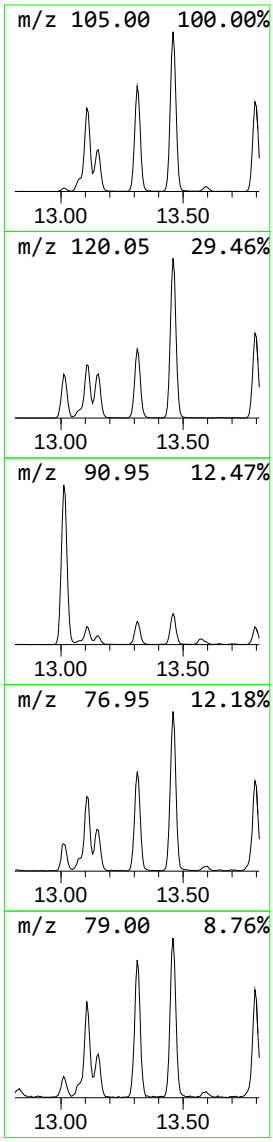
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	38.22 ug/l	3890510	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-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

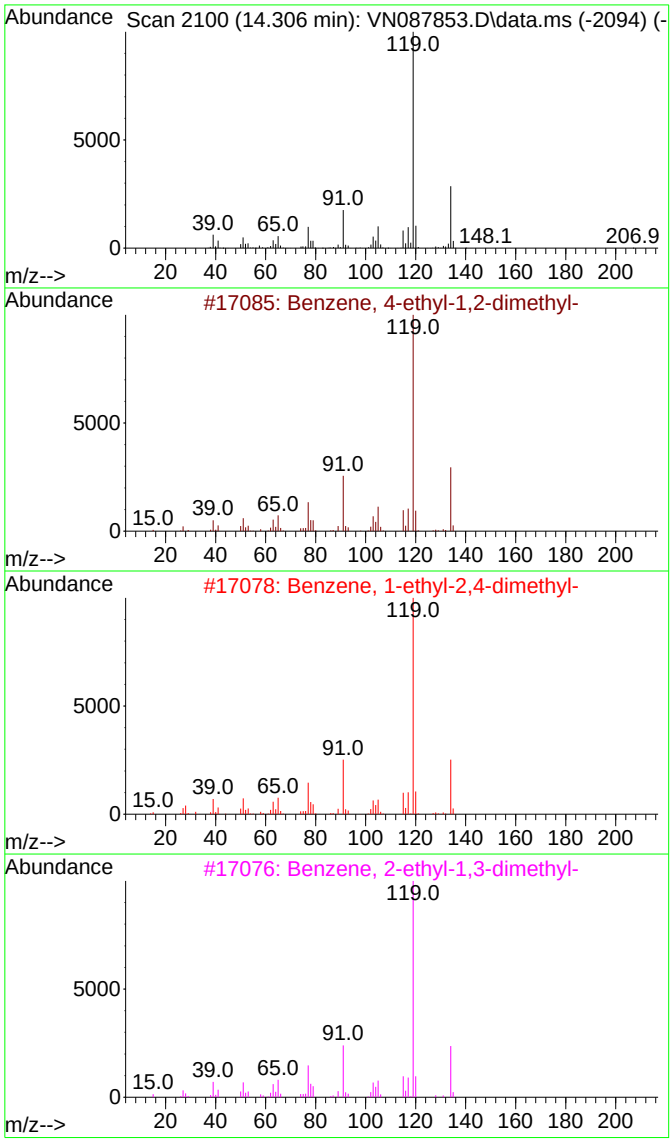
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

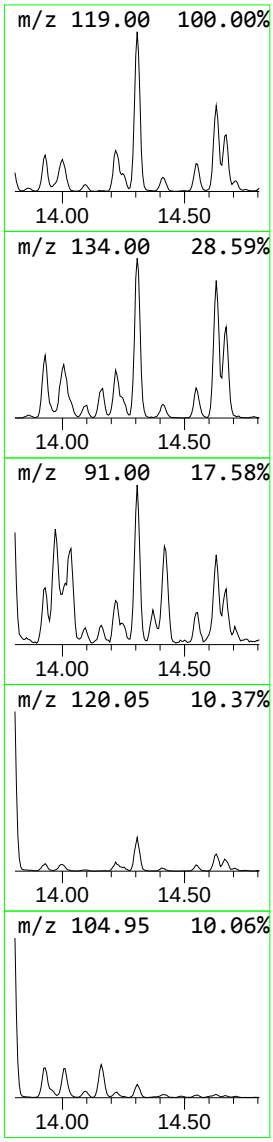
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	19.23 ug/l	1957310	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

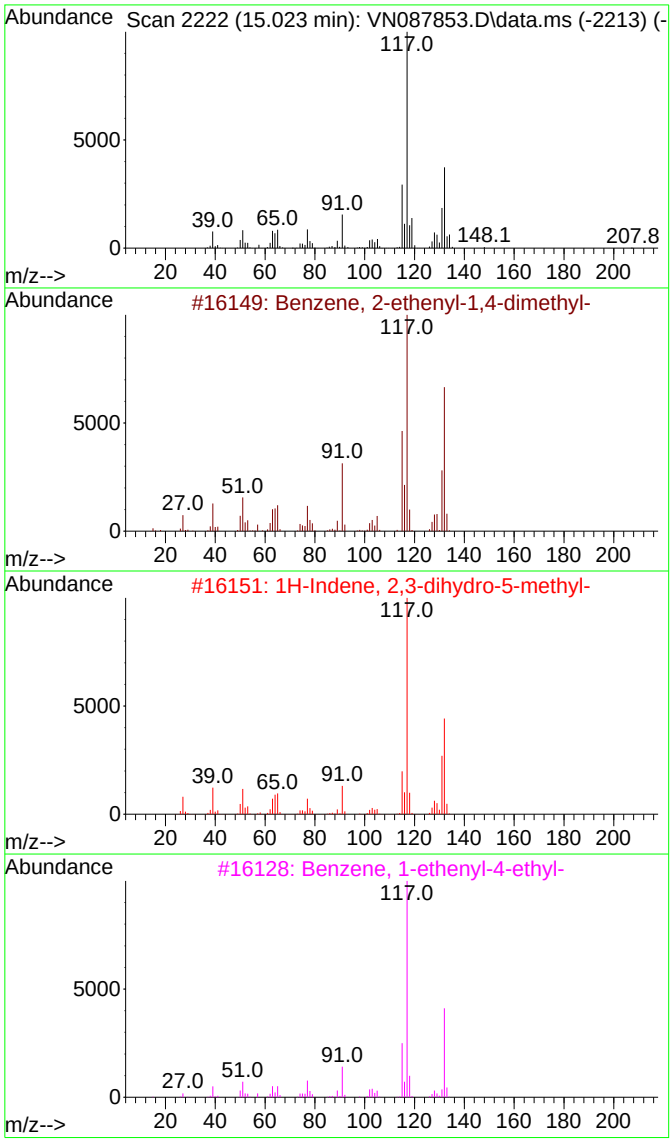
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

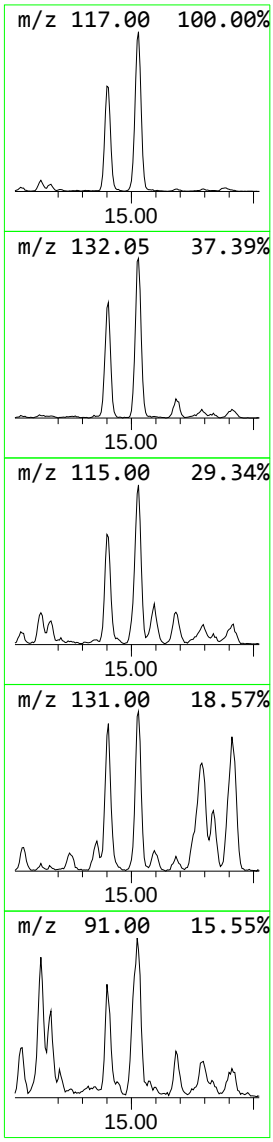
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	25.73 ug/l	2619840	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	3.265	48.0	ug/l	1530180	1	8.206	1594240	50.0
Pentane	3.653	24.4	ug/l	776866	1	8.206	1594240	50.0
Butane, 2,3-dim...	5.265	13.7	ug/l	437988	1	8.206	1594240	50.0
Pentane, 2-methyl-	5.330	46.4	ug/l	1480860	1	8.206	1594240	50.0
Pentane, 3-methyl-	5.800	35.9	ug/l	1145340	1	8.206	1594240	50.0
Cyclopentane, m...	7.312	54.5	ug/l	1738720	1	8.206	1594240	50.0
Pentane, 2,3-di...	8.306	14.0	ug/l	447378	1	8.206	1594240	50.0
Benzene, 1-ethy...	13.312	38.2	ug/l	3890510	4	13.771	5090140	50.0
Benzene, 4-ethy...	14.306	19.2	ug/l	1957310	4	13.771	5090140	50.0
Benzene, 2-ethe...	15.023	25.7	ug/l	2619840	4	13.771	5090140	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	184438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	397360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	185379	49.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	8.153	113	151424	50.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.547	98	526852	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.280%			
62) 4-Bromofluorobenzene	12.829	95	181702	45.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.440%			

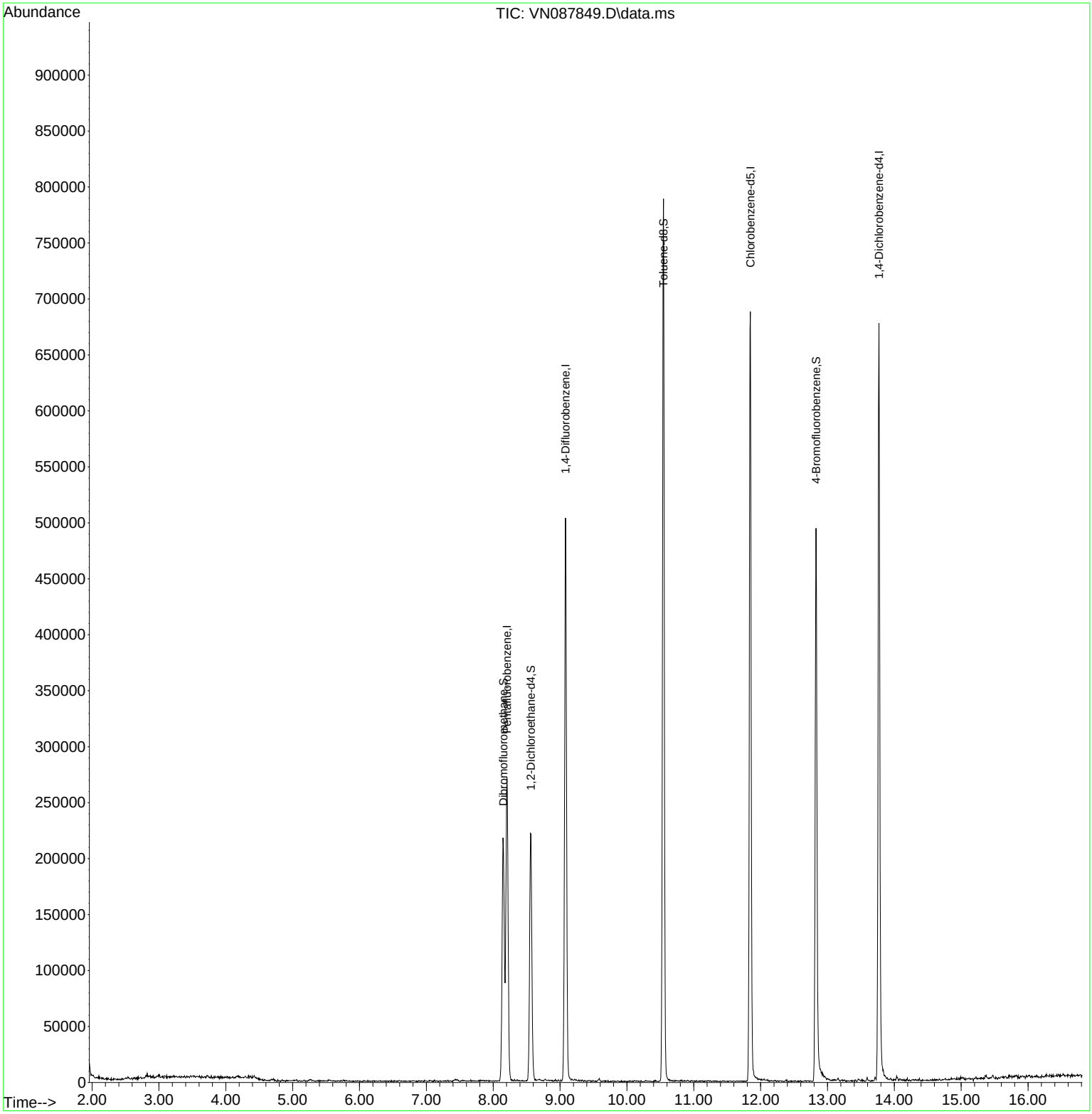
Target Compounds Qvalue

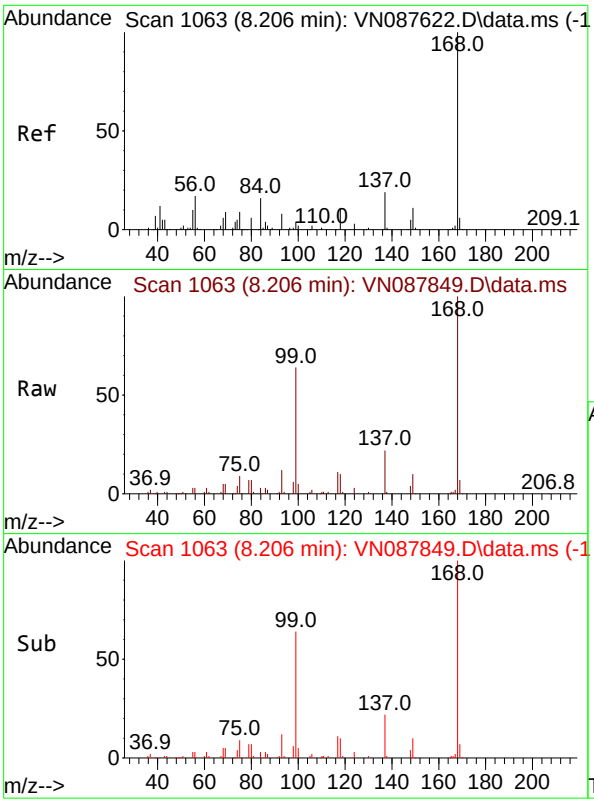
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



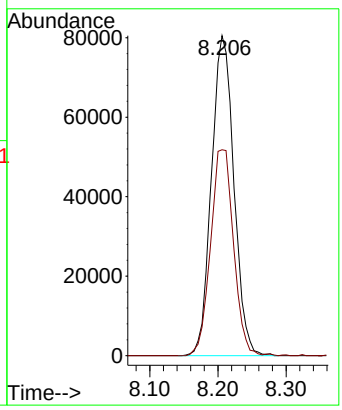


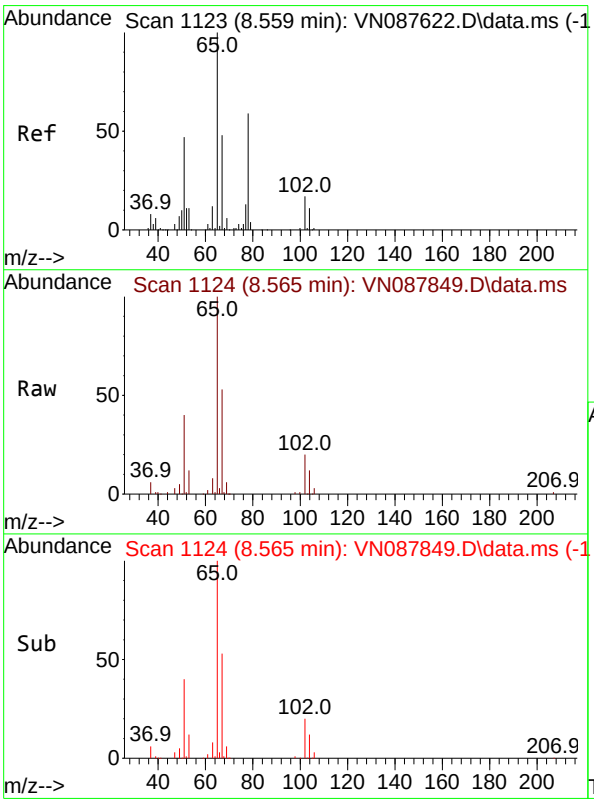
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:168 Resp: 184438

Ion	Ratio	Lower	Upper
168	100		
99	64.4	57.2	85.8

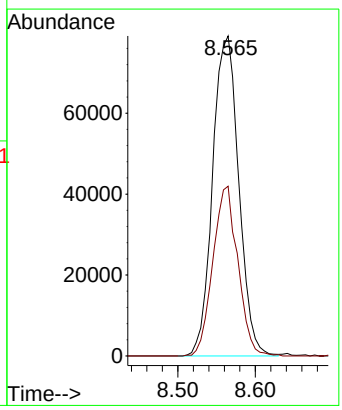


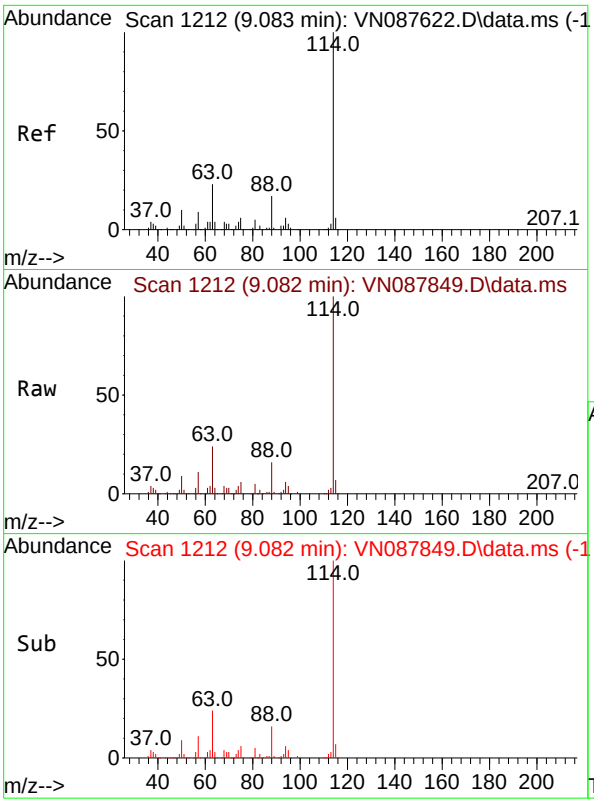


#33
1,2-Dichloroethane-d4
Concen: 49.056 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 65 Resp: 185379

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.0



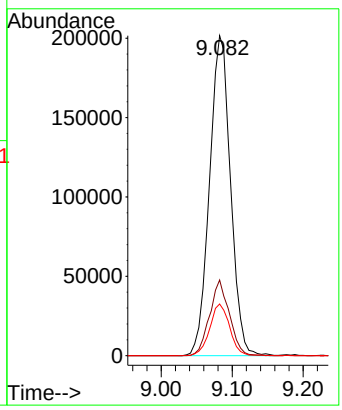


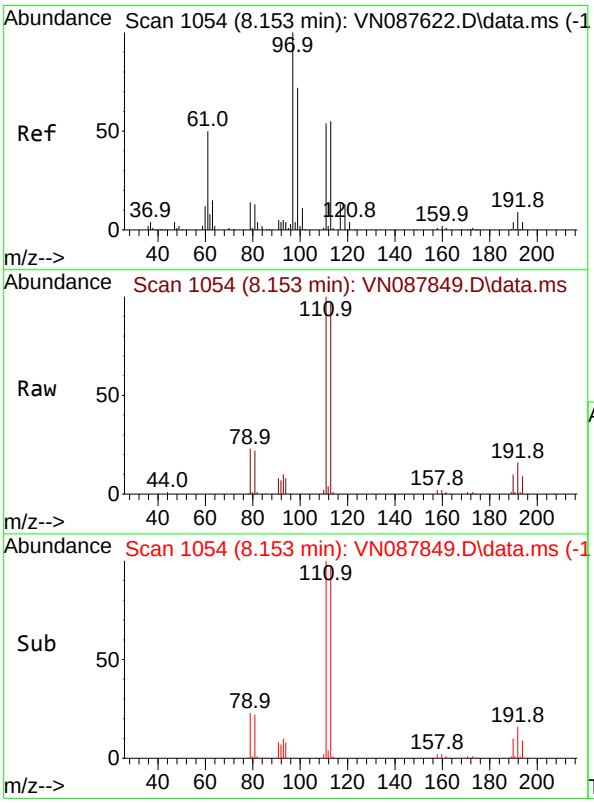
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:114 Resp: 413572

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.2
88	16.1	0.0	33.4

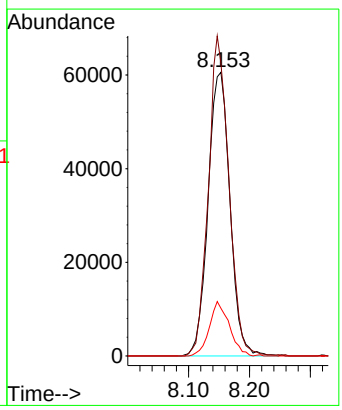


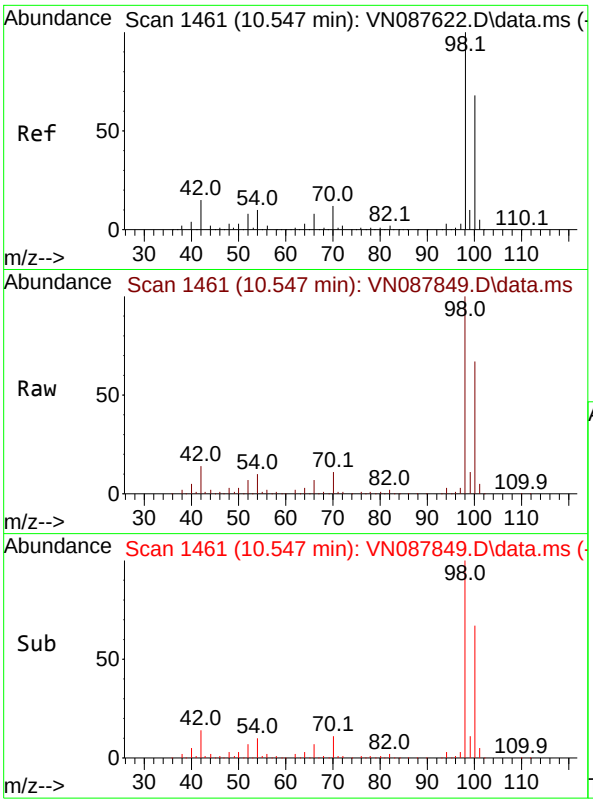


#35
Dibromofluoromethane
Concen: 50.712 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:113 Resp: 151424

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.8	124.2
192	17.5	12.8	19.2



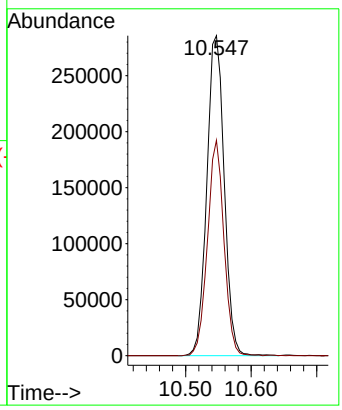


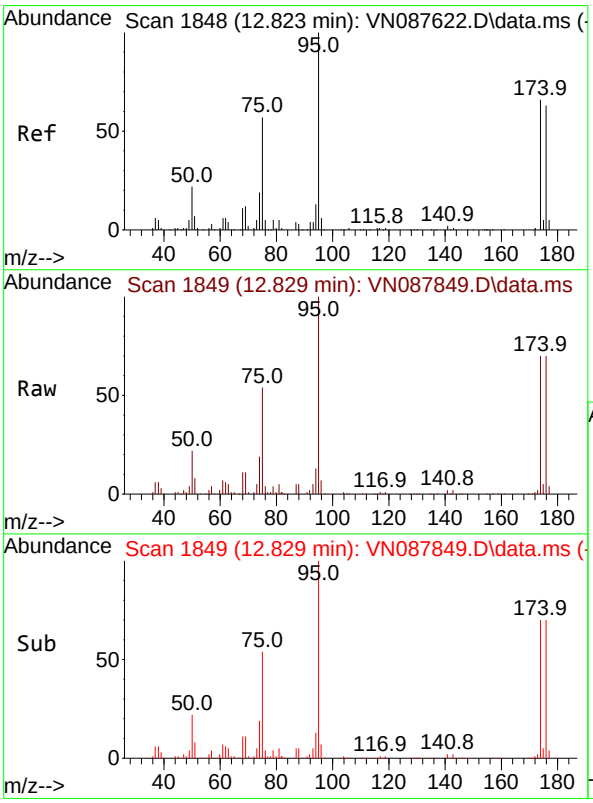
#50
Toluene-d8
Concen: 47.141 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion: 98 Resp: 526852

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.8	79.2

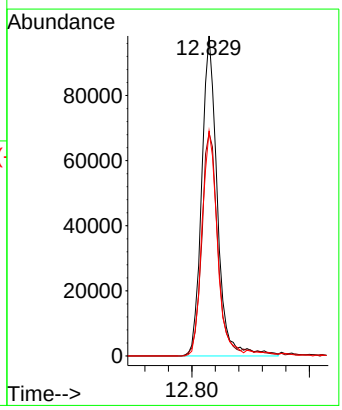


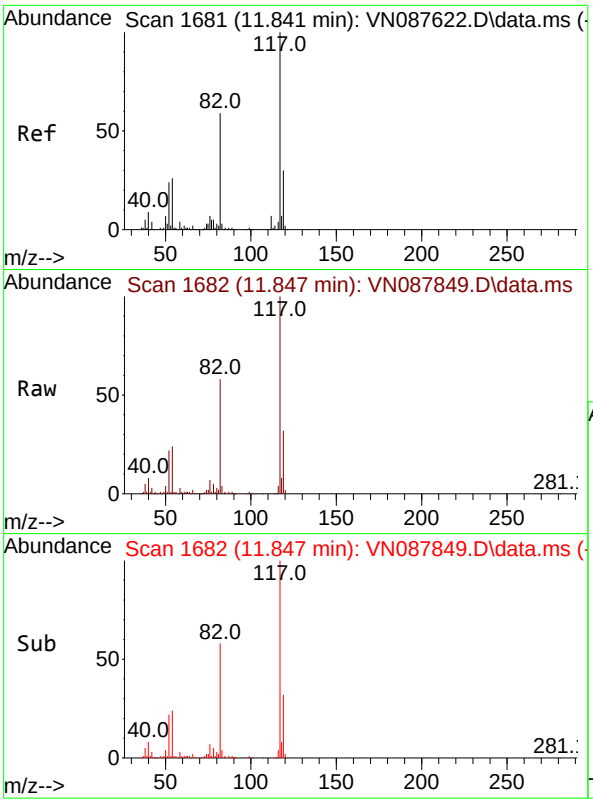


#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 95 Resp: 181702

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	138.4
176	69.5	0.0	132.6



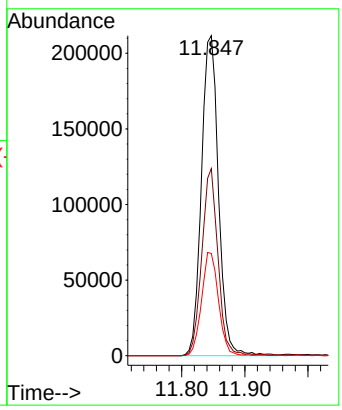


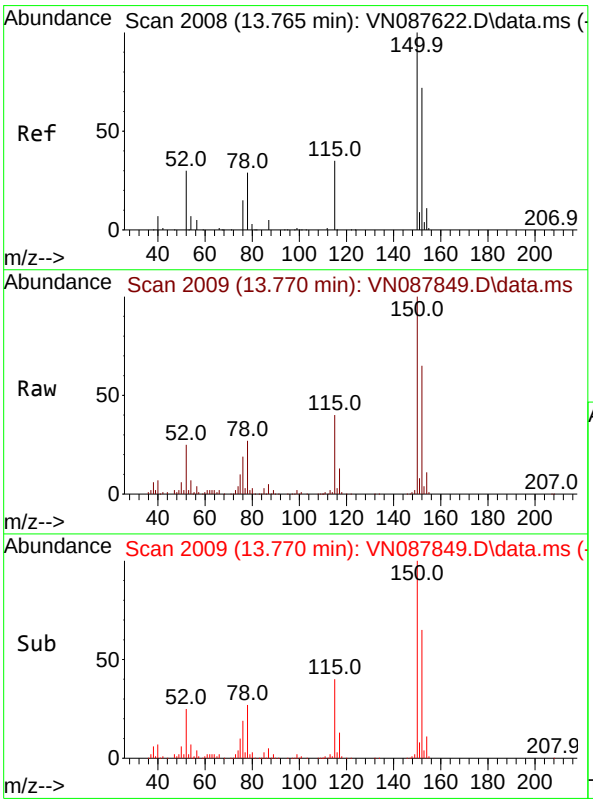
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:117 Resp: 397360

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	32.0	24.3	36.5

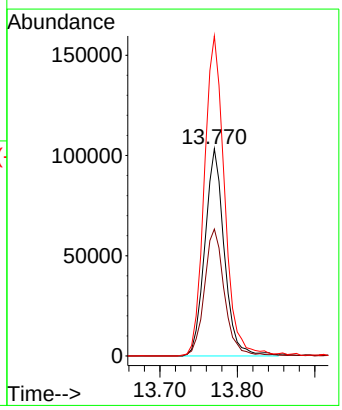




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:152 Resp: 180365

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	160.4	0.0	351.0



Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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

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

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

Signal : TIC: VN087849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV	217286	512837	35.66%	6.825%
2	8.206	1058	1063	1073	rVB	270213	615648	42.81%	8.193%
3	8.559	1113	1123	1134	rBV	221203	516141	35.89%	6.869%
4	9.082	1202	1212	1222	rBV	503112	1018929	70.85%	13.560%
5	10.547	1452	1461	1473	rBV	787892	1438217	100.00%	19.140%
6	11.847	1673	1682	1694	rBV	687777	1276705	88.77%	16.990%
7	12.829	1840	1849	1864	rBV	494300	931268	64.75%	12.393%
8	13.770	2002	2009	2023	rBV	675612	1204512	83.75%	16.030%

Sum of corrected areas: 7514257

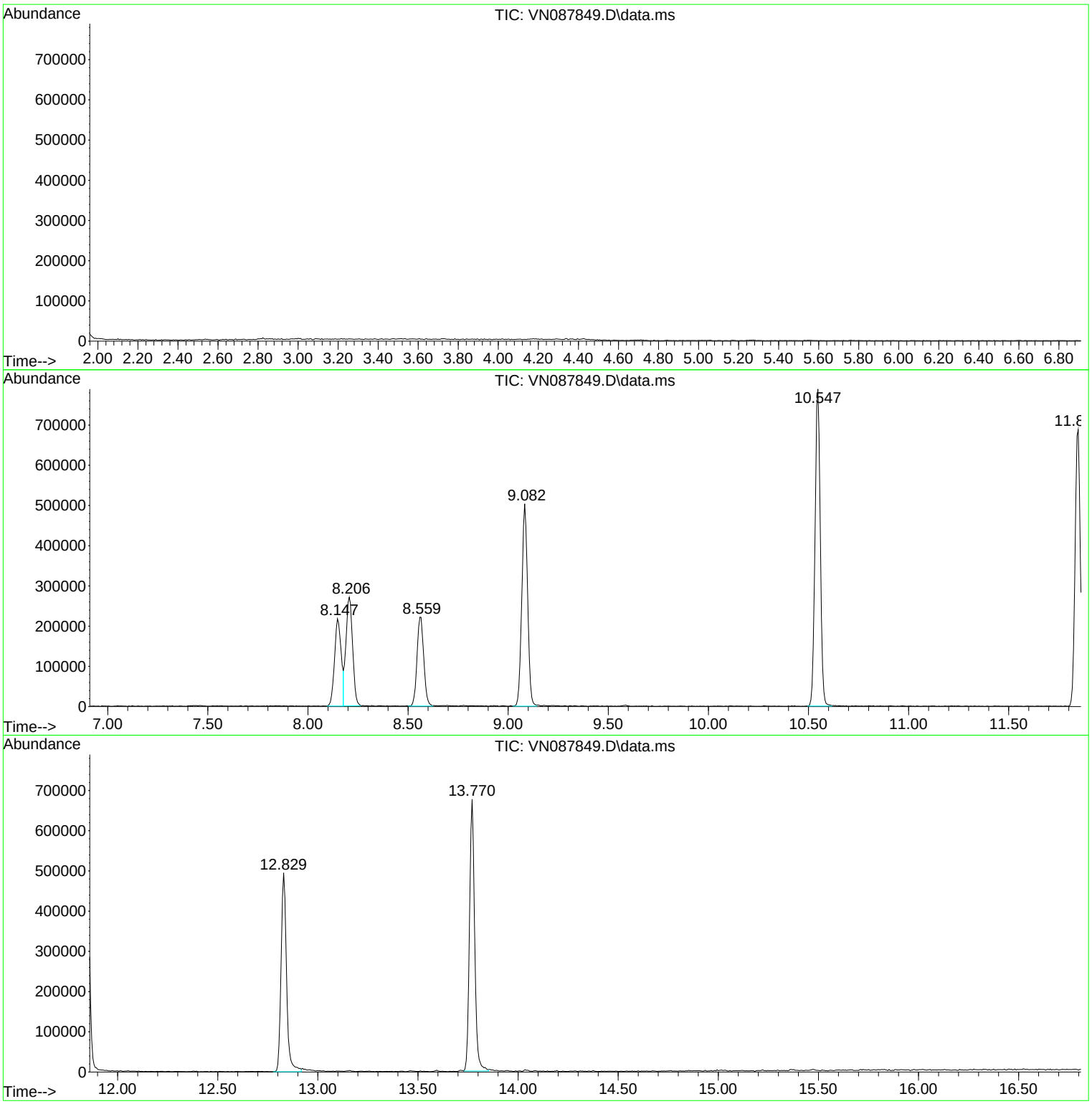
Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	212441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	384629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191875	44.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.160%		
35) Dibromofluoromethane	8.153	113	142797	47.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.960%		
50) Toluene-d8	10.547	98	506575	45.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.000%		
62) 4-Bromofluorobenzene	12.829	95	187364	46.806	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55904	18.528	ug/l	97
3) Chloromethane	2.383	50	59012	19.032	ug/l	97
4) Vinyl Chloride	2.536	62	64459	17.929	ug/l	98
5) Bromomethane	2.977	94	36769	19.821	ug/l	92
6) Chloroethane	3.142	64	45770	18.113	ug/l	94
7) Trichlorofluoromethane	3.506	101	102174	19.398	ug/l	97
8) Diethyl Ether	3.959	74	40276	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	54564	18.307	ug/l	96
10) Methyl Iodide	4.583	142	30221	18.530	ug/l #	95
11) Tert butyl alcohol	5.530	59	68041	90.044	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55667	18.175	ug/l	85
13) Acrolein	4.183	56	67595	72.764	ug/l	93
14) Allyl chloride	5.012	41	87373	15.742	ug/l	93
15) Acrylonitrile	5.706	53	198074	92.945	ug/l	98
16) Acetone	4.424	43	179741	75.857	ug/l	97
17) Carbon Disulfide	4.706	76	163482	19.388	ug/l	97
18) Methyl Acetate	5.012	43	97217	19.596	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	206909	18.008	ug/l	96
20) Methylene Chloride	5.265	84	68413	19.197	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	60716	18.291	ug/l	93
22) Diisopropyl ether	6.653	45	208232	17.385	ug/l	95
23) Vinyl Acetate	6.594	43	952603	87.417	ug/l	100
24) 1,1-Dichloroethane	6.553	63	118103	17.984	ug/l	95
25) 2-Butanone	7.471	43	271281	87.024	ug/l	98
26) 2,2-Dichloropropane	7.477	77	96026	17.036	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	77168	19.446	ug/l	93
28) Bromochloromethane	7.794	49	56730	17.868	ug/l	93
29) Tetrahydrofuran	7.830	42	177067	88.261	ug/l	98
30) Chloroform	7.947	83	126732	18.906	ug/l	99
31) Cyclohexane	8.235	56	96759	17.673	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	106285	18.710	ug/l	96
36) 1,1-Dichloropropene	8.353	75	81154	17.590	ug/l	96
37) Ethyl Acetate	7.553	43	109179	17.318	ug/l	99
38) Carbon Tetrachloride	8.347	117	87614	19.234	ug/l	94
39) Methylcyclohexane	9.582	83	88595	17.442	ug/l	94
40) Benzene	8.588	78	269680	19.058	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	54678	16.743	ug/l		92
42) 1,2-Dichloroethane	8.653	62	98286	18.074	ug/l		100
43) Isopropyl Acetate	8.677	43	174715	17.750	ug/l		98
44) Trichloroethene	9.335	130	60956	18.867	ug/l		93
45) 1,2-Dichloropropane	9.606	63	68739	18.429	ug/l		100
46) Dibromomethane	9.688	93	49768	18.750	ug/l		94
47) Bromodichloromethane	9.871	83	103785	19.078	ug/l	#	95
48) Methyl methacrylate	9.665	41	78208	16.798	ug/l		97
49) 1,4-Dioxane	9.682	88	22511	373.036	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.423	43	551309	92.834	ug/l		100
52) Toluene	10.612	92	163565	18.645	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	100551	17.857	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	109621	18.749	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	65951	19.433	ug/l		98
56) Ethyl methacrylate	10.853	69	95504	17.609	ug/l		96
57) 1,3-Dichloropropane	11.141	76	114165	19.008	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	260397	88.706	ug/l		98
59) 2-Hexanone	11.176	43	338058	90.071	ug/l		98
60) Dibromochloromethane	11.335	129	74413	18.924	ug/l		99
61) 1,2-Dibromoethane	11.447	107	67826	18.954	ug/l		97
64) Tetrachloroethene	11.082	164	51220	19.194	ug/l		92
65) Chlorobenzene	11.870	112	183474	19.174	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	64982	20.455	ug/l		99
67) Ethyl Benzene	11.941	91	301786	18.215	ug/l		99
68) m/p-Xylenes	12.053	106	228624	37.626	ug/l		97
69) o-Xylene	12.376	106	111964	18.803	ug/l		95
70) Styrene	12.388	104	187752	18.820	ug/l		98
71) Bromoform	12.559	173	51182	21.008	ug/l	#	95
73) Isopropylbenzene	12.670	105	283155	16.667	ug/l		99
74) N-amyl acetate	12.676	43	116357m	18.073	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	102369	17.502	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	86649m	17.575	ug/l		
77) Bromobenzene	12.959	156	71443	17.836	ug/l		93
78) n-propylbenzene	13.012	91	357472	17.083	ug/l		99
79) 2-Chlorotoluene	13.100	91	213896	16.985	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	240227	16.669	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	28031	15.052	ug/l		84
82) 4-Chlorotoluene	13.200	91	219802	16.601	ug/l		94
83) tert-Butylbenzene	13.412	119	204658	17.041	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	249090	17.265	ug/l		99
85) sec-Butylbenzene	13.594	105	306232	17.183	ug/l		99
86) p-Isopropyltoluene	13.706	119	248091	16.858	ug/l		98
87) 1,3-Dichlorobenzene	13.711	146	141726	17.967	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	149128	18.166	ug/l		99
89) n-Butylbenzene	14.035	91	239567	16.391	ug/l		100
90) Hexachloroethane	14.306	117	50166	17.892	ug/l		92
91) 1,2-Dichlorobenzene	14.082	146	134043	17.912	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22750	16.373	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	80915	18.006	ug/l		100
94) Hexachlorobutadiene	15.470	225	30415	18.985	ug/l		96
95) Naphthalene	15.611	128	259960	16.332	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	78003	17.755	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

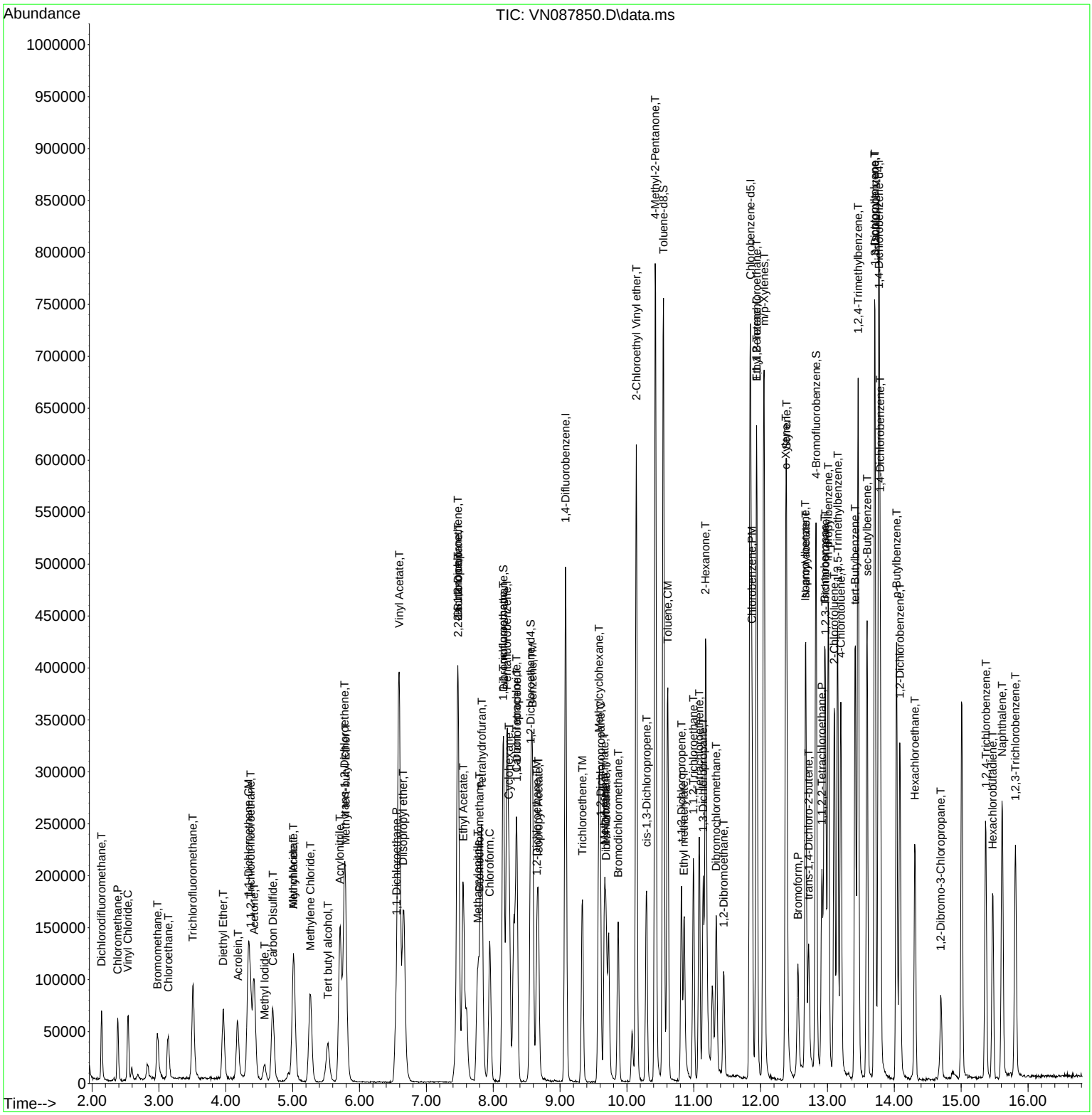
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	229272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	392898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	209579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204194	43.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.940%			
35) Dibromofluoromethane	8.147	113	152219	48.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.180%			
50) Toluene-d8	10.547	98	534604	45.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.200%			
62) 4-Bromofluorobenzene	12.829	95	193287	46.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61714	18.952	ug/l	99
3) Chloromethane	2.383	50	61485	18.373	ug/l	96
4) Vinyl Chloride	2.536	62	71328	18.383	ug/l	90
5) Bromomethane	2.983	94	39000	19.480	ug/l	87
6) Chloroethane	3.136	64	46084	16.899	ug/l	94
7) Trichlorofluoromethane	3.512	101	111716	19.652	ug/l	96
8) Diethyl Ether	3.959	74	40444	16.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	59552	18.514	ug/l	97
10) Methyl Iodide	4.577	142	35235	19.471	ug/l	97
11) Tert butyl alcohol	5.524	59	75759	92.898	ug/l	95
12) 1,1-Dichloroethene	4.330	96	58163	17.596	ug/l	90
13) Acrolein	4.177	56	74339	74.149	ug/l	100
14) Allyl chloride	5.012	41	90094	15.040	ug/l	93
15) Acrylonitrile	5.706	53	204541	88.934	ug/l	97
16) Acetone	4.424	43	183819	71.883	ug/l	96
17) Carbon Disulfide	4.706	76	170001	18.681	ug/l	100
18) Methyl Acetate	5.018	43	99443	18.573	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	210306	16.960	ug/l	98
20) Methylene Chloride	5.265	84	70838	18.366	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	63180	17.636	ug/l	90
22) Diisopropyl ether	6.659	45	220735	17.076	ug/l	95
23) Vinyl Acetate	6.589	43	882321	75.024	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123788	17.466	ug/l	97
25) 2-Butanone	7.471	43	283126	84.156	ug/l	100
26) 2,2-Dichloropropane	7.471	77	101171	16.632	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77871	18.182	ug/l	98
28) Bromochloromethane	7.794	49	59450	17.350	ug/l	90
29) Tetrahydrofuran	7.824	42	179559	82.933	ug/l	97
30) Chloroform	7.947	83	129921	17.959	ug/l	98
31) Cyclohexane	8.236	56	107126	18.131	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	110851	18.081	ug/l	98
36) 1,1-Dichloropropene	8.353	75	86206	17.938	ug/l	98
37) Ethyl Acetate	7.542	43	108447	16.514	ug/l #	94
38) Carbon Tetrachloride	8.341	117	93570	19.721	ug/l	91
39) Methylcyclohexane	9.583	83	97980	18.519	ug/l	96
40) Benzene	8.588	78	278225	18.876	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	59964	17.628	ug/l		98
42) 1,2-Dichloroethane	8.653	62	101742	17.962	ug/l		99
43) Isopropyl Acetate	8.677	43	179617	17.519	ug/l		97
44) Trichloroethene	9.335	130	66656	19.807	ug/l		97
45) 1,2-Dichloropropane	9.606	63	71366	18.369	ug/l		97
46) Dibromomethane	9.688	93	53658	19.408	ug/l		96
47) Bromodichloromethane	9.871	83	108569	19.160	ug/l	#	94
48) Methyl methacrylate	9.665	41	82168	16.943	ug/l		98
49) 1,4-Dioxane	9.677	88	21945	349.128	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.424	43	569808	92.115	ug/l		100
52) Toluene	10.612	92	170728	18.684	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	107103	18.261	ug/l		95
54) cis-1,3-Dichloropropene	10.294	75	108830	17.870	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	71066	20.104	ug/l		92
56) Ethyl methacrylate	10.859	69	100359	17.765	ug/l		98
57) 1,3-Dichloropropane	11.141	76	119059	19.031	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.141	63	263312	86.115	ug/l		96
59) 2-Hexanone	11.177	43	349848	89.488	ug/l		99
60) Dibromochloromethane	11.335	129	78365	19.133	ug/l		100
61) 1,2-Dibromoethane	11.447	107	69424	18.625	ug/l		96
64) Tetrachloroethene	11.082	164	53603	19.664	ug/l		93
65) Chlorobenzene	11.871	112	185603	18.988	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65603	20.216	ug/l		99
67) Ethyl Benzene	11.941	91	316873	18.723	ug/l		98
68) m/p-Xylenes	12.047	106	243049	39.158	ug/l		96
69) o-Xylene	12.376	106	118378	19.462	ug/l		96
70) Styrene	12.388	104	193858	19.023	ug/l		97
71) Bromoform	12.553	173	52426	21.065	ug/l	#	98
73) Isopropylbenzene	12.671	105	294667	17.400	ug/l		99
74) N-amyl acetate	12.665	43	121778m	18.975	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	107892	18.504	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	86475m	17.595	ug/l		
77) Bromobenzene	12.959	156	75614	18.936	ug/l		93
78) n-propylbenzene	13.012	91	377345	18.089	ug/l		100
79) 2-Chlorotoluene	13.106	91	218388	17.397	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	255538	17.787	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	29446	15.861	ug/l		89
82) 4-Chlorotoluene	13.200	91	227013	17.200	ug/l		97
83) tert-Butylbenzene	13.412	119	221104	18.468	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	259126	18.018	ug/l		100
85) sec-Butylbenzene	13.594	105	326968	18.404	ug/l		99
86) p-Isopropyltoluene	13.706	119	276556	18.851	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	147792	18.795	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	148845	18.189	ug/l		98
89) n-Butylbenzene	14.035	91	257806	17.694	ug/l		99
90) Hexachloroethane	14.306	117	53872	19.275	ug/l		88
91) 1,2-Dichlorobenzene	14.082	146	143628	19.253	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23465	16.941	ug/l		91
93) 1,2,4-Trichlorobenzene	15.365	180	85112	18.999	ug/l		98
94) Hexachlorobutadiene	15.470	225	33396	20.911	ug/l		97
95) Naphthalene	15.617	128	273883	17.261	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	81446	18.597	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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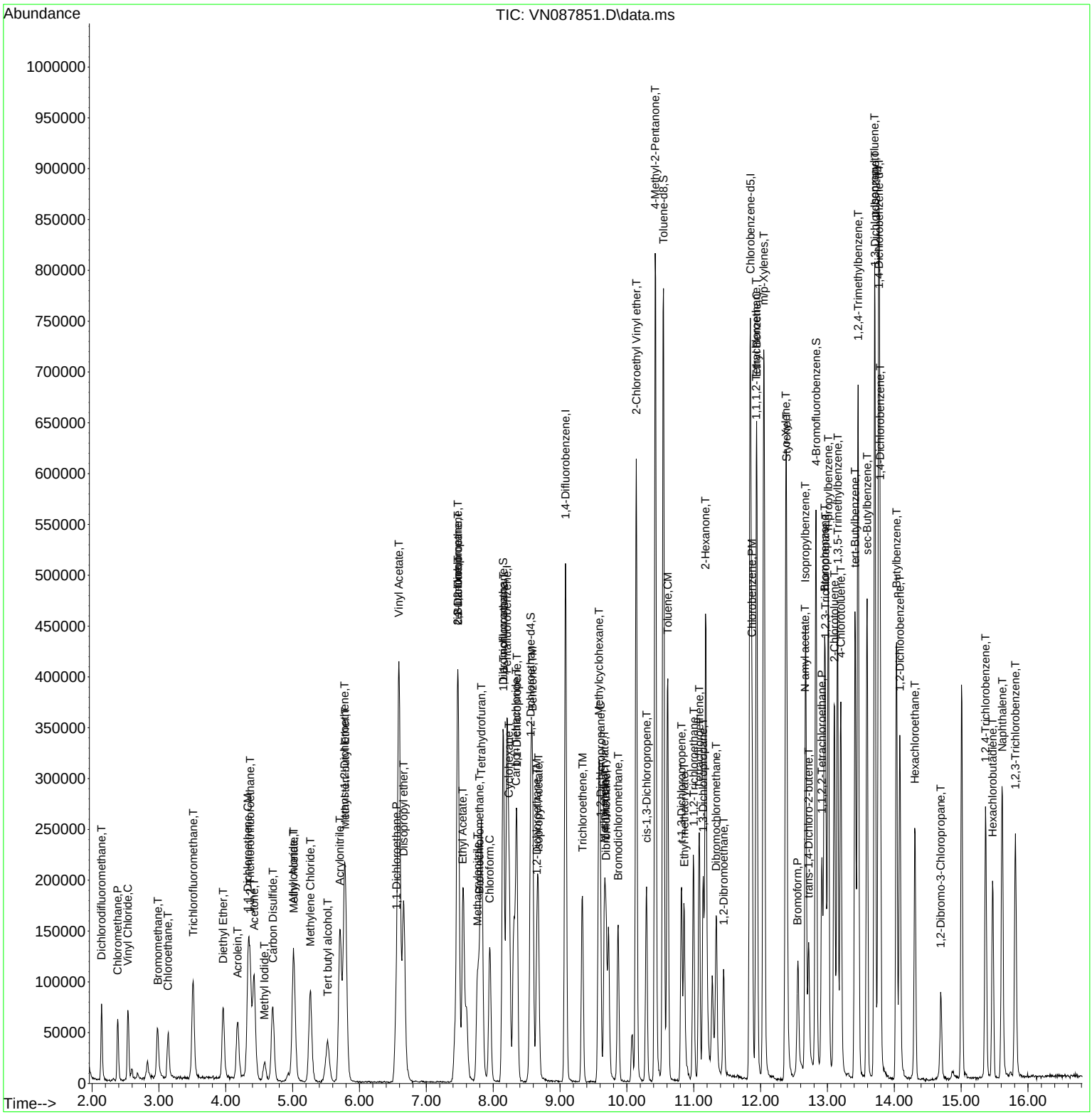
Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

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

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

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

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

Manual Integration Report

Sequence:	VN091625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087847.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VSTDCCC050	VN087847.D	N-amyl acetate	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	N-amyl acetate	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	N-amyl acetate	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
Q3108-01	VN087853.D	n-Butylbenzene	JOHN	9/17/2025 8:20:41 AM	MMDadoda	9/18/2025 3:21:26 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	N-amyl acetate	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 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 # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

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

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

M : Manual Integration

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 # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087846.D	16 Sep 2025 11:25	JC\MD	Ok
2	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	JC\MD	Ok,M
3	VN0916MBL01	VN087848.D	16 Sep 2025 14:43	JC\MD	Ok
4	VN0916WBL01	VN087849.D	16 Sep 2025 15:04	JC\MD	Ok
5	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	JC\MD	Ok,M
6	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	JC\MD	Ok,M
7	Q3103-01	VN087852.D	16 Sep 2025 16:08	JC\MD	Ok
8	Q3108-01	VN087853.D	16 Sep 2025 16:29	JC\MD	Ok,M
9	Q3109-01	VN087854.D	16 Sep 2025 16:50	JC\MD	Ok
10	Q3109-02	VN087855.D	16 Sep 2025 17:11	JC\MD	Dilution
11	VN0916MBS01	VN087856.D	16 Sep 2025 17:32	JC\MD	Ok,M
12	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54	JC\MD	Ok,M
13	Q3077-01	VN087858.D	16 Sep 2025 18:15	JC\MD	Ok
14	Q3021-01	VN087859.D	16 Sep 2025 18:36	JC\MD	Ok
15	Q3021-03	VN087860.D	16 Sep 2025 18:58	JC\MD	Ok
16	Q3021-05	VN087861.D	16 Sep 2025 19:19	JC\MD	Ok
17	IBLK	VN087862.D	16 Sep 2025 19:40	JC\MD	Ok
18	Q3087-01	VN087863.D	16 Sep 2025 20:01	JC\MD	Ok
19	Q3087-02	VN087864.D	16 Sep 2025 20:22	JC\MD	Ok
20	Q3087-03	VN087865.D	16 Sep 2025 20:43	JC\MD	Ok
21	Q3087-04	VN087866.D	16 Sep 2025 21:05	JC\MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VN087867.D	16 Sep 2025 21:26	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
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	VN087846.D	16 Sep 2025 11:25		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	pH#Lot#V12668	JC\MD	Ok,M
3	VN0916MBL01	VN0916MBL01	VN087848.D	16 Sep 2025 14:43		JC\MD	Ok
4	VN0916WBL01	VN0916WBL01	VN087849.D	16 Sep 2025 15:04		JC\MD	Ok
5	VN0916WBS01	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	BS Failed Low For Com.#80,81	JC\MD	Ok,M
6	VN0916WBSD01	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	BSD Failed Low For Comp.#23	JC\MD	Ok,M
7	Q3103-01	TW-WTS-14	VN087852.D	16 Sep 2025 16:08	vial A pH<2	JC\MD	Ok
8	Q3108-01	MW2	VN087853.D	16 Sep 2025 16:29	vial A pH<2	JC\MD	Ok,M
9	Q3109-01	MW1D	VN087854.D	16 Sep 2025 16:50	vial A pH<2	JC\MD	Ok
10	Q3109-02	MW1	VN087855.D	16 Sep 2025 17:11	vial A pH<2, Need 20X	JC\MD	Dilution
11	VN0916MBS01	VN0916MBS01	VN087856.D	16 Sep 2025 17:32		JC\MD	Ok,M
12	VN0916MBSD01	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54		JC\MD	Ok,M
13	Q3077-01	LAW-25-0137	VN087858.D	16 Sep 2025 18:15	cloth material	JC\MD	Ok
14	Q3021-01	821-B	VN087859.D	16 Sep 2025 18:36	sample is oil	JC\MD	Ok
15	Q3021-03	821-D	VN087860.D	16 Sep 2025 18:58	sample is oil	JC\MD	Ok
16	Q3021-05	821-I	VN087861.D	16 Sep 2025 19:19	sample is oil	JC\MD	Ok
17	IBLK	IBLK	VN087862.D	16 Sep 2025 19:40		JC\MD	Ok
18	Q3087-01	STORAGE-BLANK-SAI	VN087863.D	16 Sep 2025 20:01	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3087-02	STORAGE-BLANK-WA	VN087864.D	16 Sep 2025 20:22	vial A pH<2	JC\MD	Ok
20	Q3087-03	STORAGE-BLANK-WA	VN087865.D	16 Sep 2025 20:43	vial A pH<2	JC\MD	Ok
21	Q3087-04	STORAGE-BLANK-SA	VN087866.D	16 Sep 2025 21:05	vial A pH<2	JC\MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VN087867.D	16 Sep 2025 21:26	Low Spike	JC\MD	Not Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3108	**OrderDate:**	9/16/2025 10:59:00 AM
Client:	G Environmental	**Project:**	61 Laurel Street
Contact:	Gary Landis	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3108-01	**MW2**	**Water**			**09/15/25**			**09/16/25**
			VOCMS Group1	8260-Low			09/16/25	