

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088431.D
 Acq On : 03 Dec 2025 15:56
 Operator : JC\MD
 Sample : Q3725-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE-SAMPLES

Quant Time: Dec 04 00:21:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

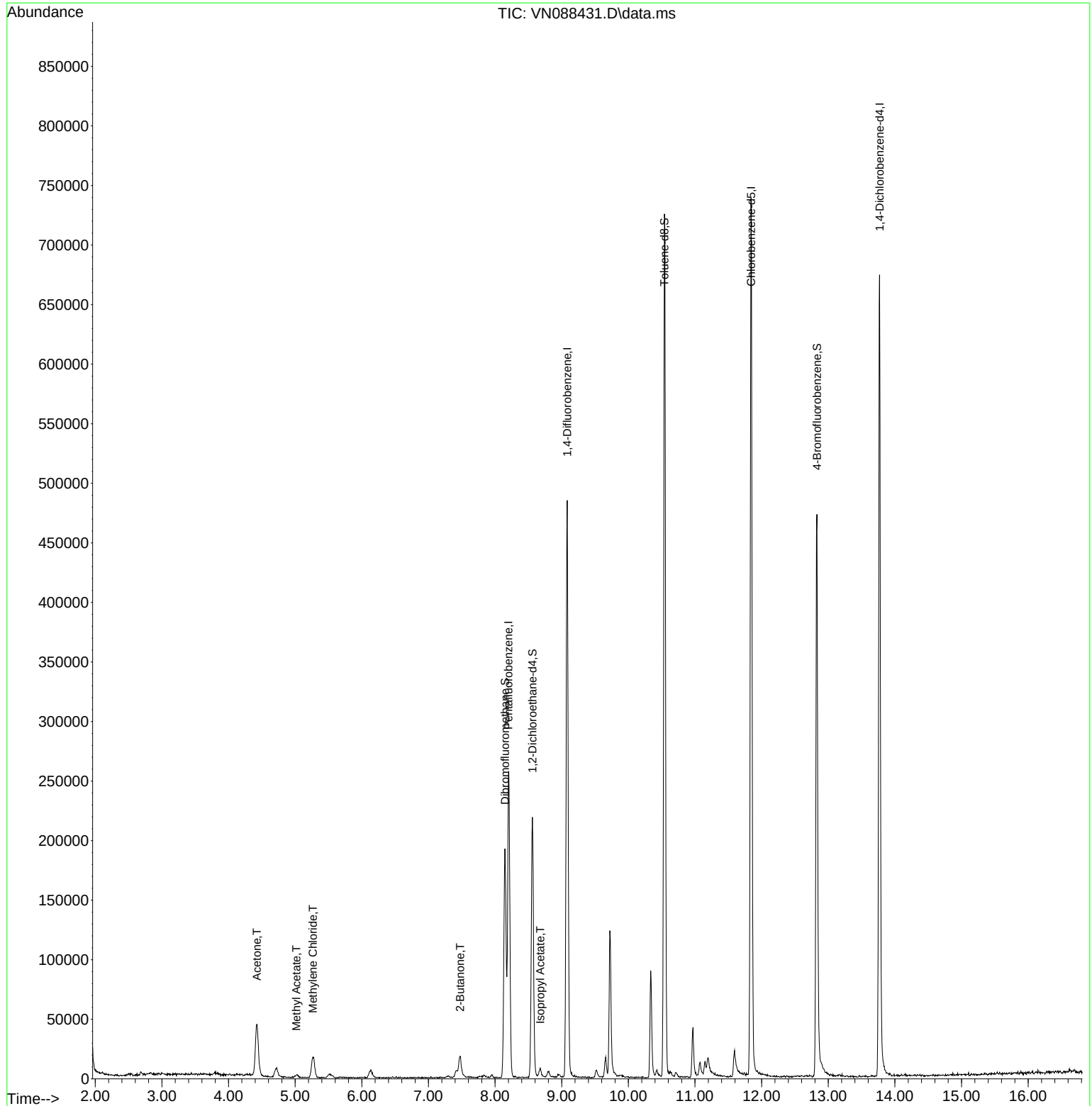
Internal Standards						
1) Pentafluorobenzene	8.200	168	167299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	387049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186963	59.324	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.640%		
35) Dibromofluoromethane	8.147	113	137686	51.333	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.660%		
50) Toluene-d8	10.541	98	484292	48.526	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.060%		
62) 4-Bromofluorobenzene	12.829	95	173257	50.596	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.200%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	92510	81.165	ug/l	100
18) Methyl Acetate	5.018	43	5267	1.552	ug/l #	81
20) Methylene Chloride	5.265	84	13101	5.372	ug/l	92
25) 2-Butanone	7.477	43	34508	18.833	ug/l	91
43) Isopropyl Acetate	8.677	43	9832	1.182	ug/l #	72

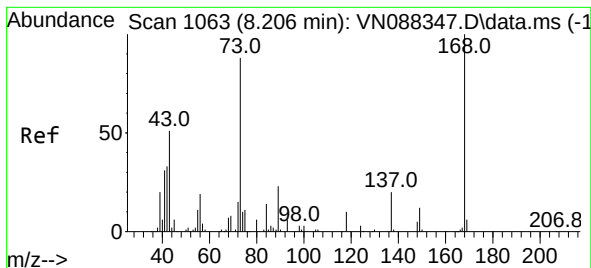
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.200 min Scan# 10

Delta R.T. -0.006 min

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MSVOA_N

ClientSampleId :

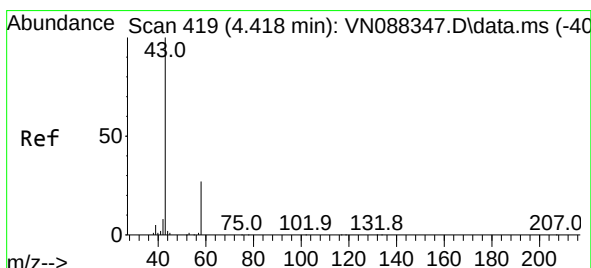
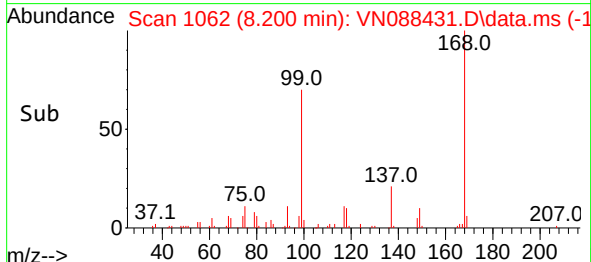
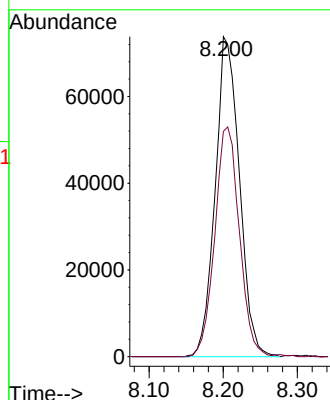
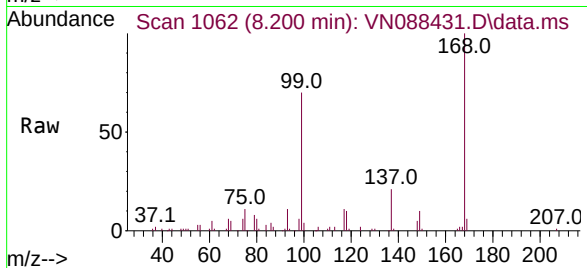
STOCKPILE-SAMPLES

Tgt Ion:168 Resp: 167299

Ion Ratio Lower Upper

168 100

99 70.4 57.1 85.7



#16

Acetone

Concen: 81.165 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN088431.D

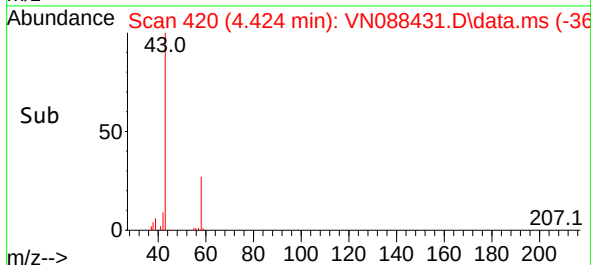
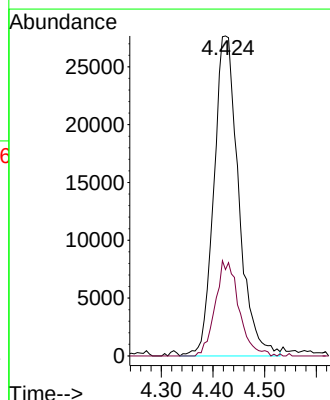
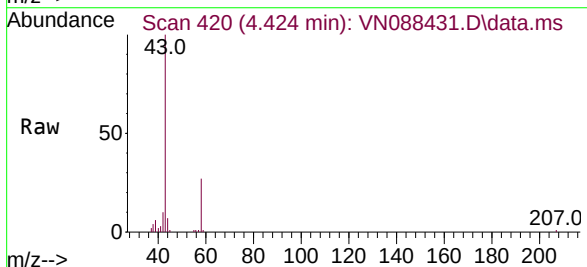
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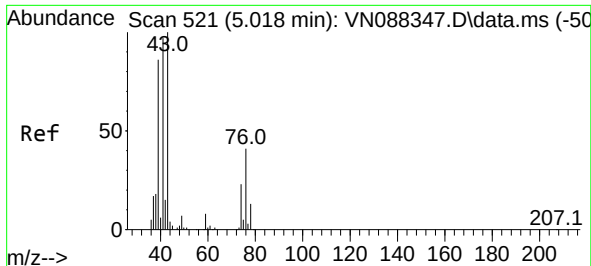
Tgt Ion: 43 Resp: 92510

Ion Ratio Lower Upper

43 100

58 27.0 21.7 32.5

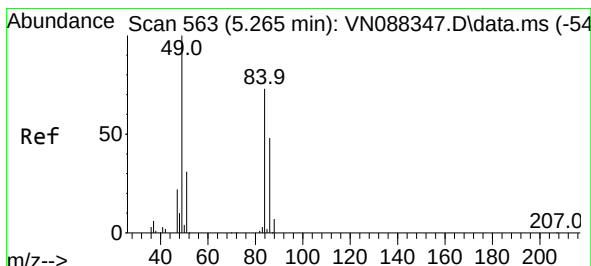
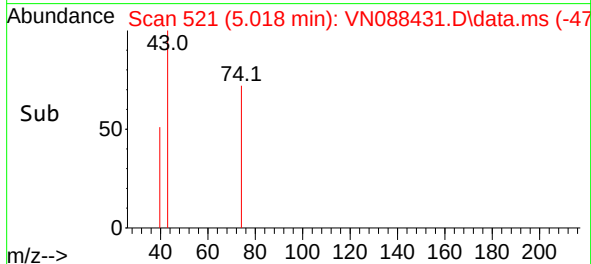
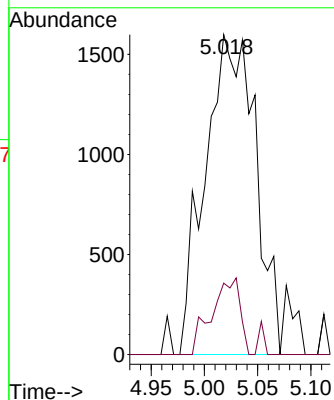
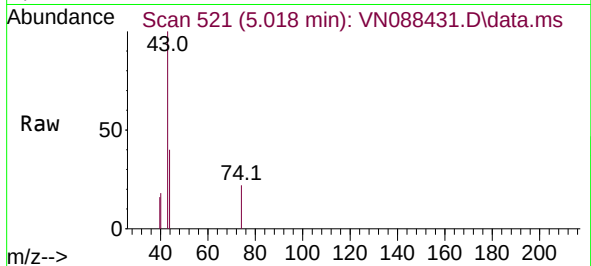




#18
Methyl Acetate
Concen: 1.552 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

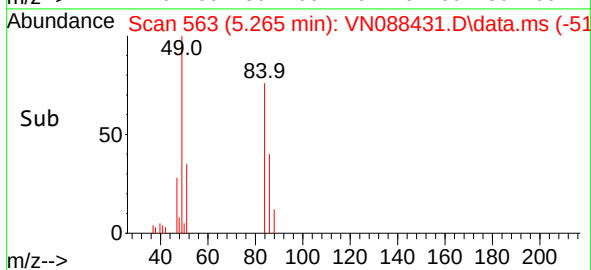
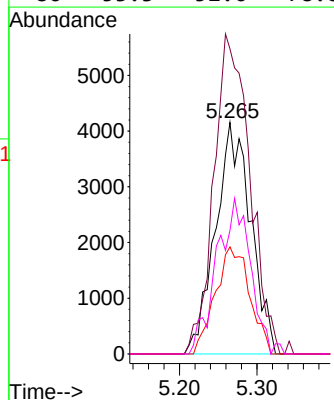
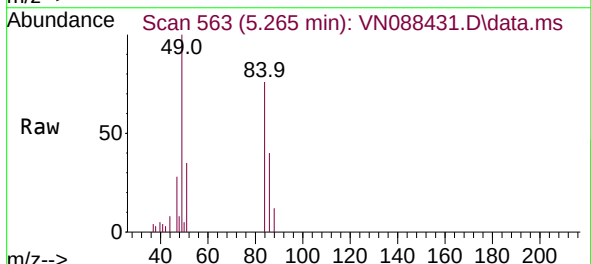
Instrument :
MSVOA_N
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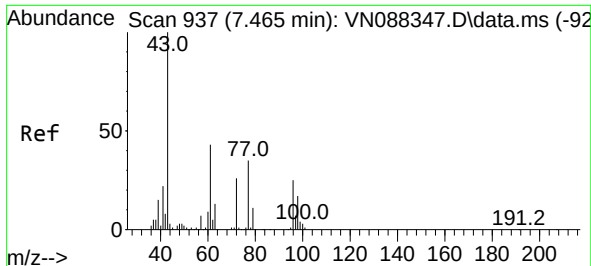
Tgt Ion: 43 Resp: 5267
Ion Ratio Lower Upper
43 100
74 13.5 17.9 26.9#



#20
Methylene Chloride
Concen: 5.372 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

Tgt Ion: 84 Resp: 13101
Ion Ratio Lower Upper
84 100
49 131.8 110.2 165.2
51 46.2 34.1 51.1
86 53.3 52.6 78.8

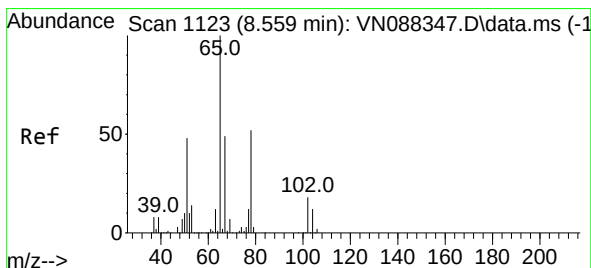
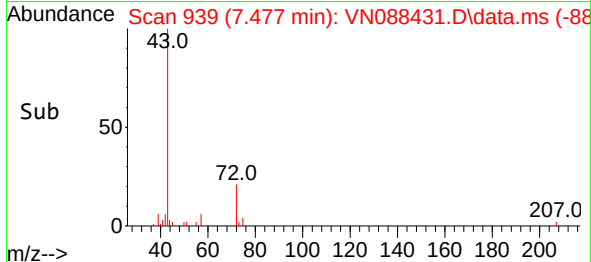
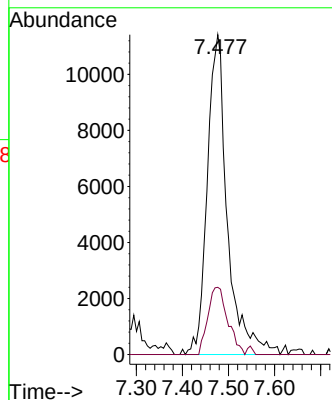
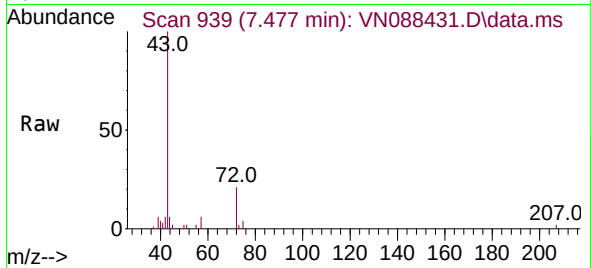




#25
2-Butanone
Concen: 18.833 ug/l
RT: 7.477 min Scan# 937
Delta R.T. 0.012 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

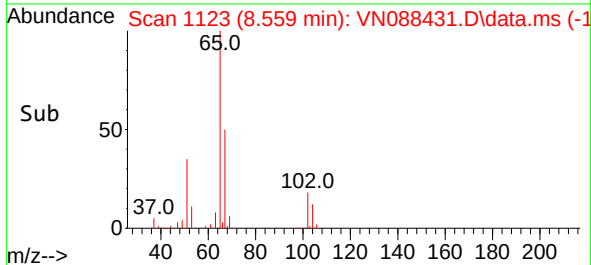
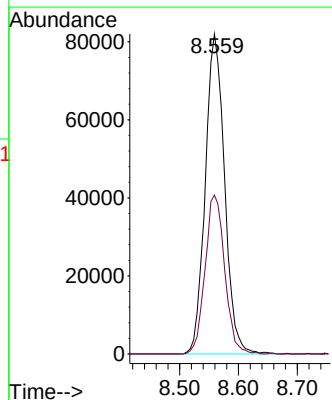
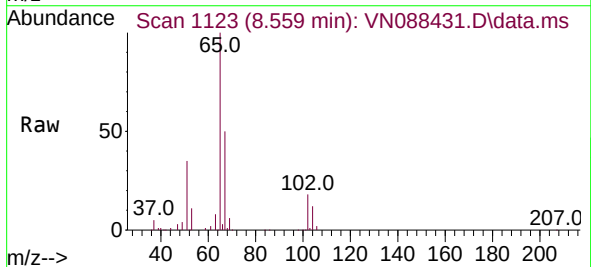
Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE-SAMPLES

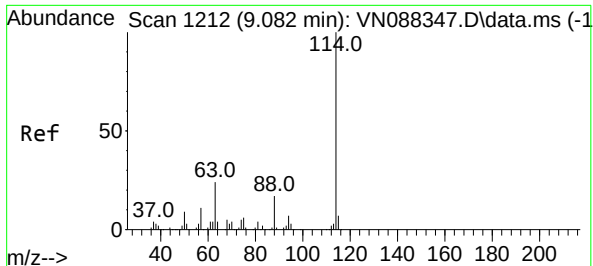
Tgt Ion: 43 Resp: 34508
Ion Ratio Lower Upper
43 100
72 21.0 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 59.324 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

Tgt Ion: 65 Resp: 186963
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088431.D

Acq: 03 Dec 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE-SAMPLES

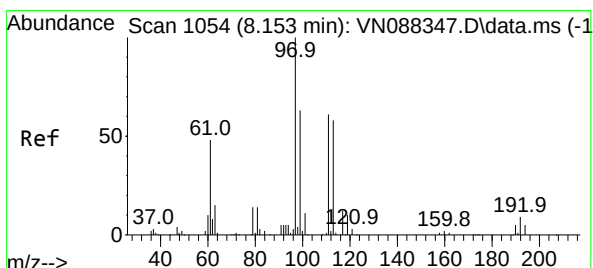
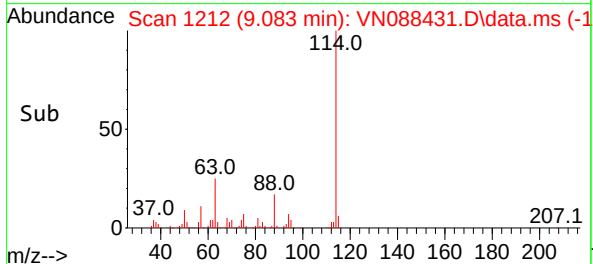
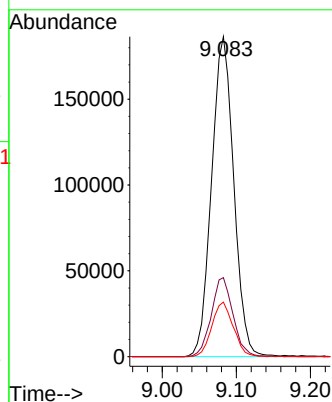
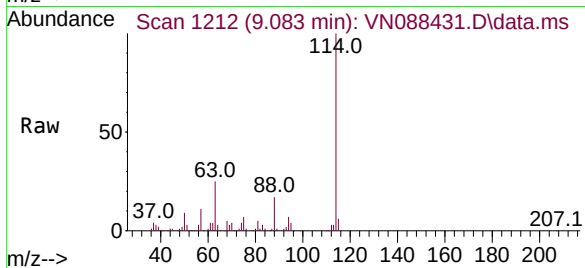
Tgt Ion:114 Resp: 387049

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 17.1 0.0 34.0



#35

Dibromofluoromethane

Concen: 51.333 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088431.D

Acq: 03 Dec 2025 15:56

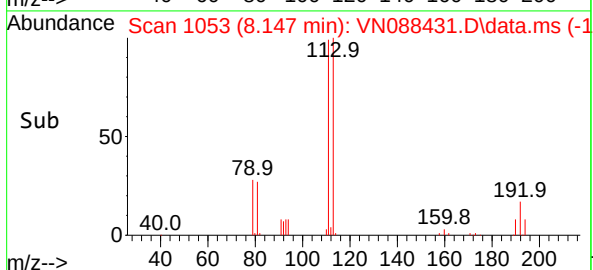
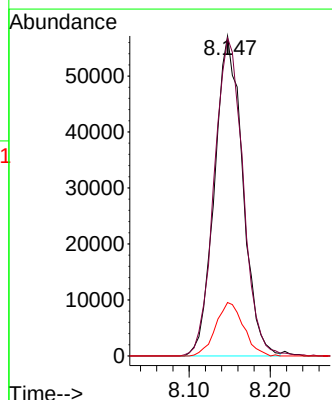
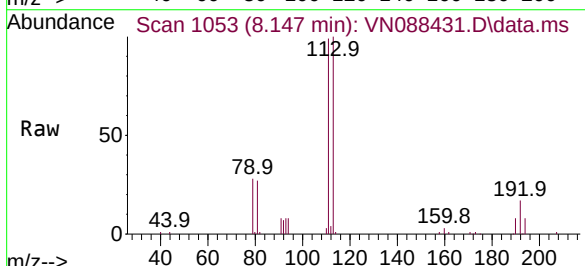
Tgt Ion:113 Resp: 137686

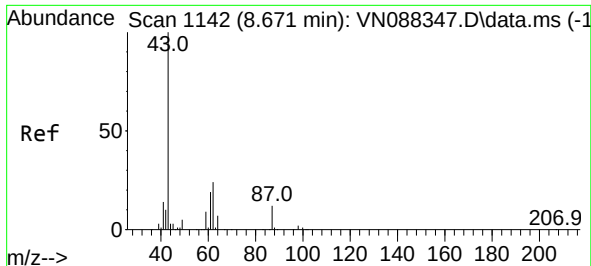
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 16.5 12.8 19.2

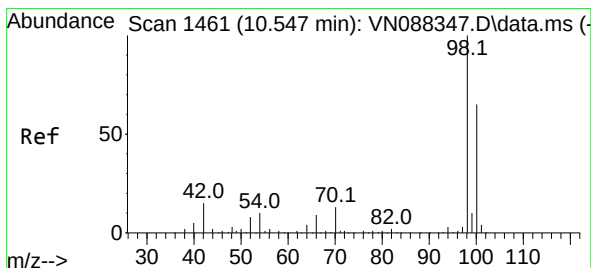
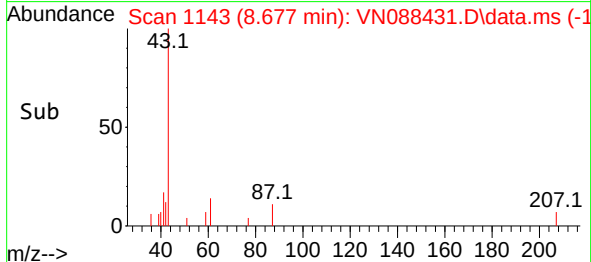
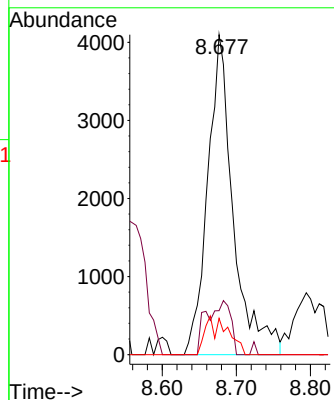
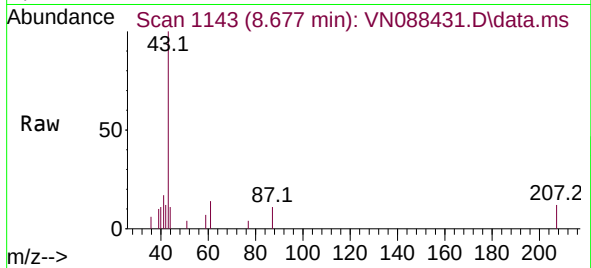




#43
Isopropyl Acetate
Concen: 1.182 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

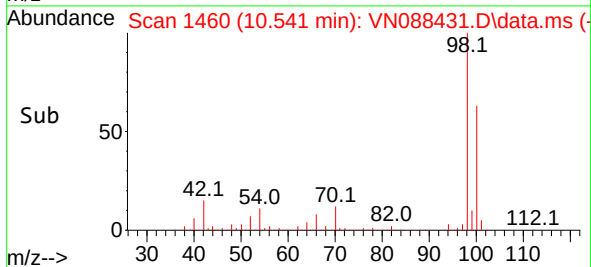
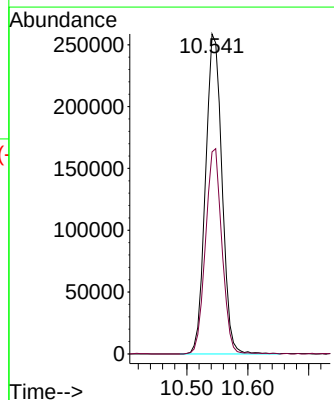
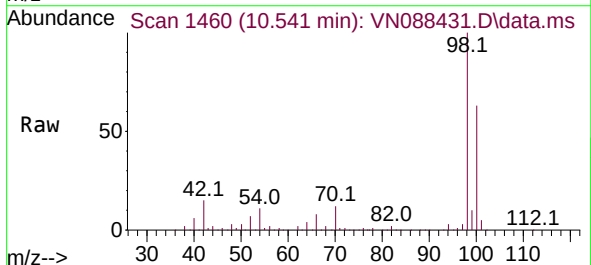
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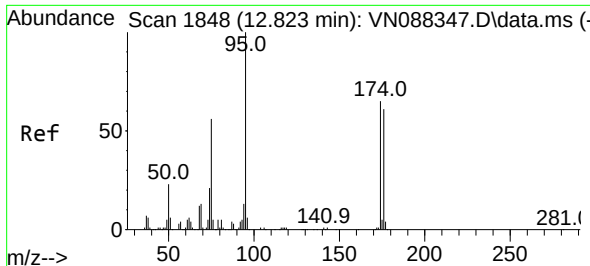
Tgt Ion: 43 Resp: 9832
Ion Ratio Lower Upper
43 100
61 10.3 18.7 28.1#
87 0.0 9.1 13.7#



#50
Toluene-d8
Concen: 48.526 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

Tgt Ion: 98 Resp: 484292
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

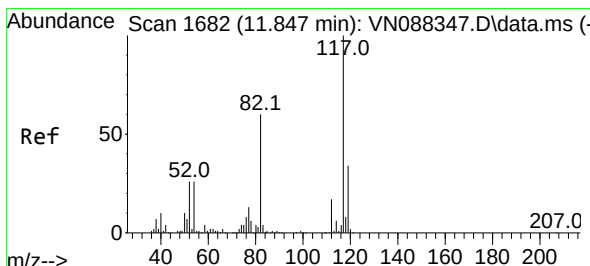
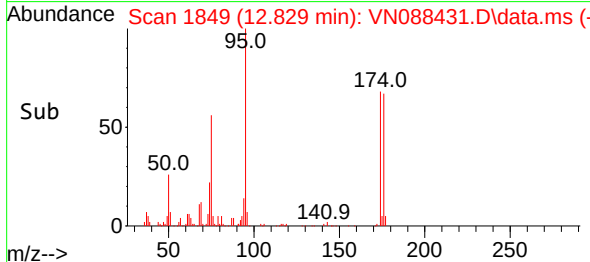
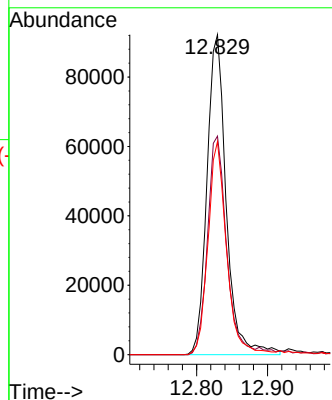
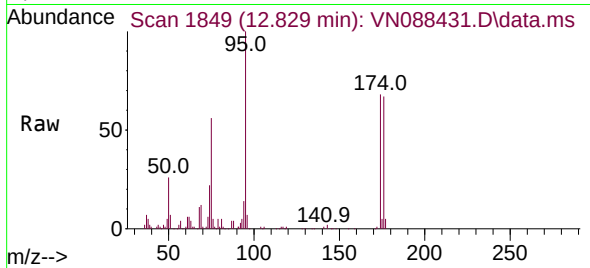




#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

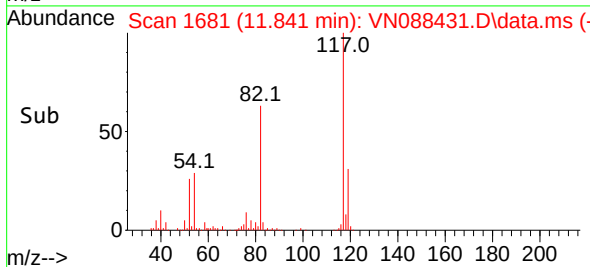
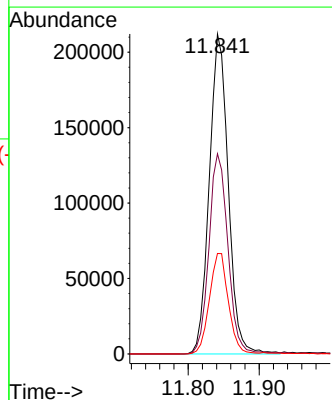
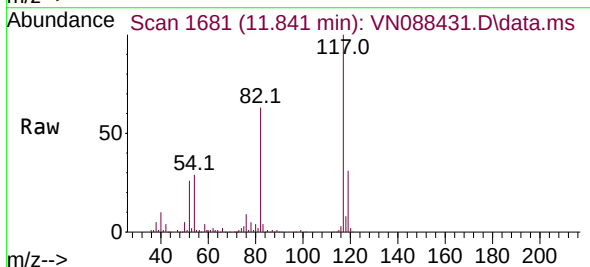
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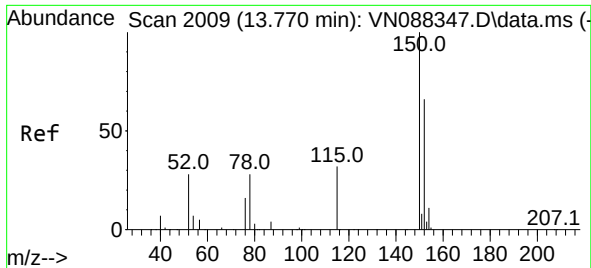
Tgt Ion: 95 Resp: 173257
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.0
176 64.3 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088431.D
Acq: 03 Dec 2025 15:56

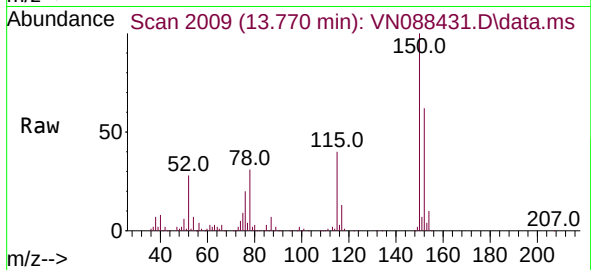
Tgt Ion: 117 Resp: 392150
Ion Ratio Lower Upper
117 100
82 62.5 47.8 71.8
119 31.4 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088431.D
 Acq: 03 Dec 2025 15:56

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 178975
 Ion Ratio Lower Upper
 152 100
 115 65.6 33.0 98.9
 150 156.0 0.0 349.0

