

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087378.D
 Acq On : 21 Jul 2025 14:38
 Operator : JC\MD
 Sample : Q2649-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Jul 22 03:08:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

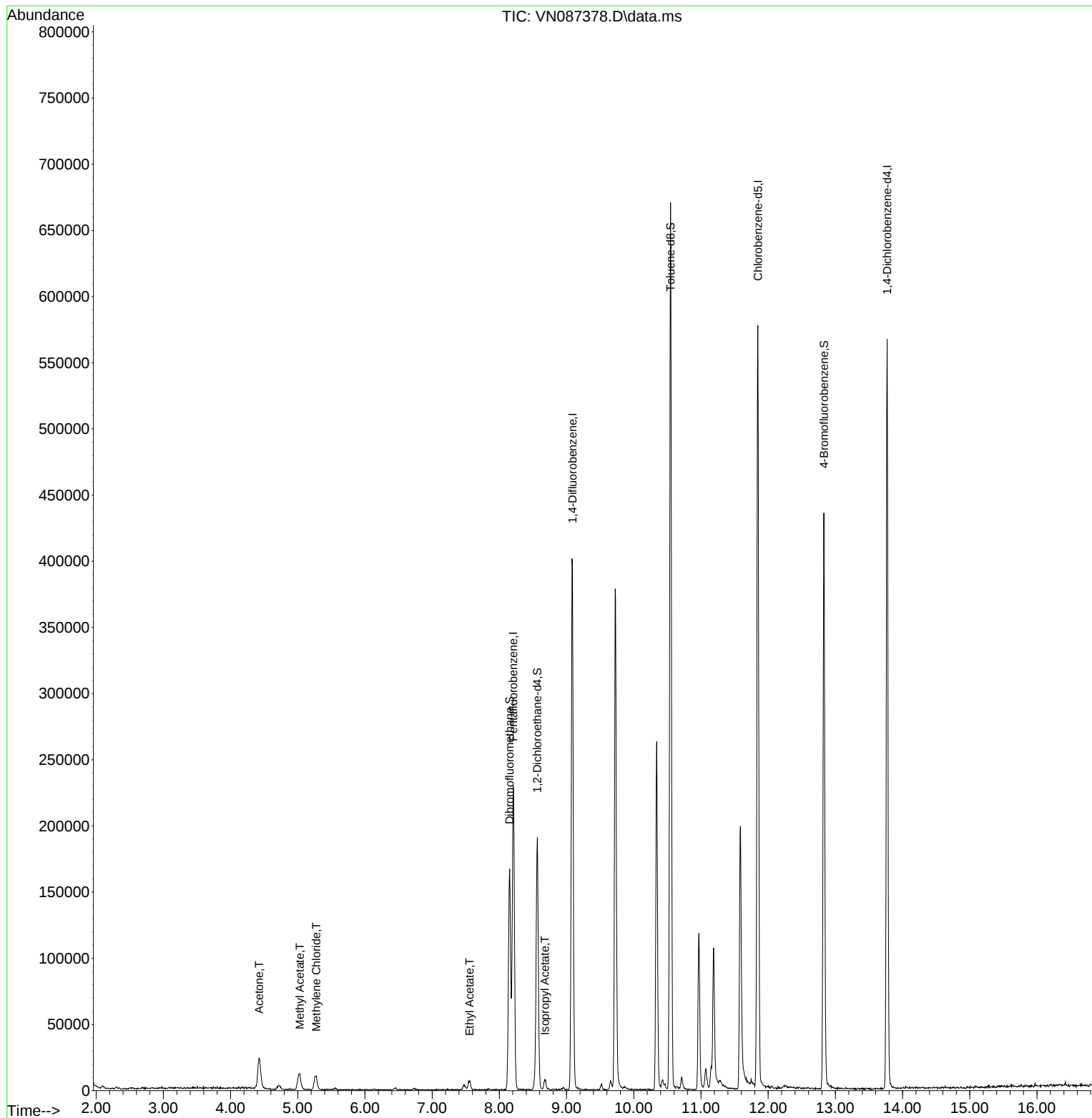
Internal Standards						
1) Pentafluorobenzene	8.206	168	162721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	334567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	329066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	149766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	159643	57.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.640%	
35) Dibromofluoromethane	8.153	113	117660	50.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	10.547	98	440507	53.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.829	95	151566	49.833	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	46099	35.610	ug/l	90
18) Methyl Acetate	5.030	43	27161	8.351	ug/l	99
20) Methylene Chloride	5.277	84	8559	3.313	ug/l #	82
37) Ethyl Acetate	7.559	43	12292	2.791	ug/l #	75
43) Isopropyl Acetate	8.677	43	9074	1.327	ug/l #	87

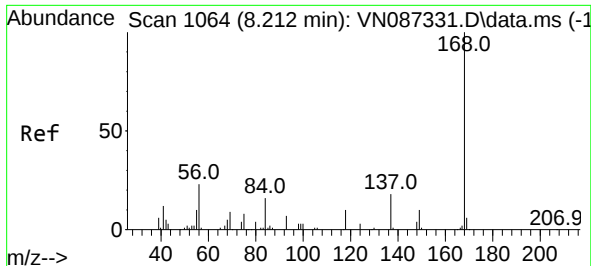
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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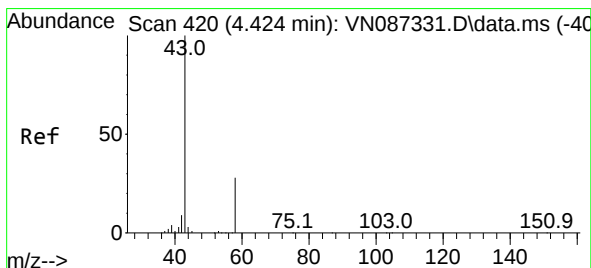
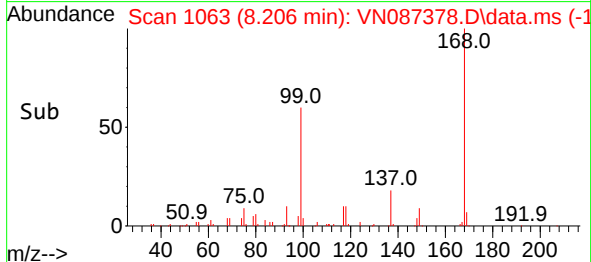
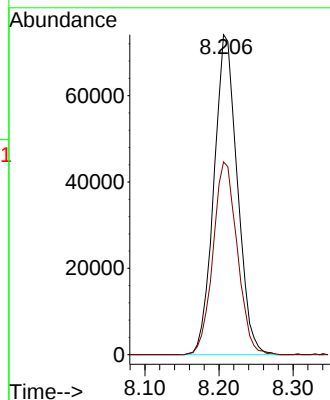
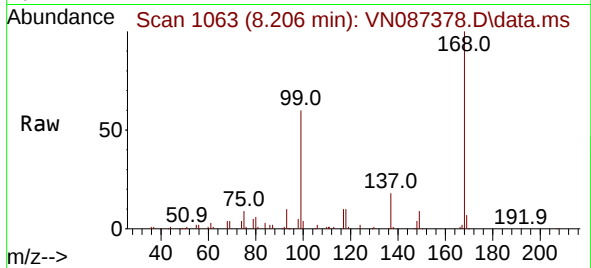




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

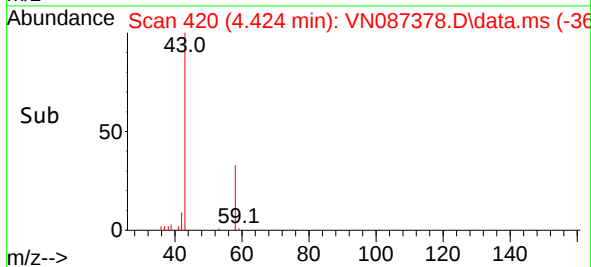
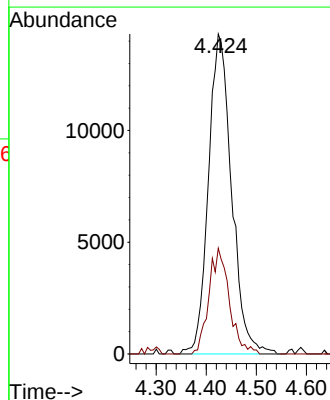
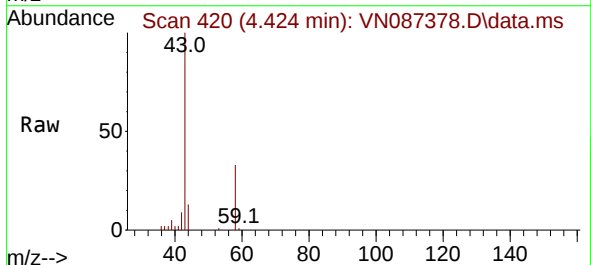
Instrument :
MSVOA_N
ClientSampleId :
WC-1

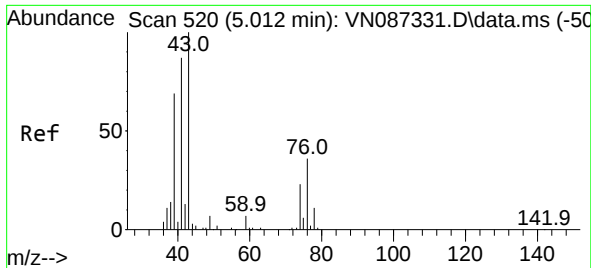
Tgt Ion:168 Resp: 162721
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9



#16
Acetone
Concen: 35.610 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

Tgt Ion: 43 Resp: 46099
Ion Ratio Lower Upper
43 100
58 33.1 22.3 33.5

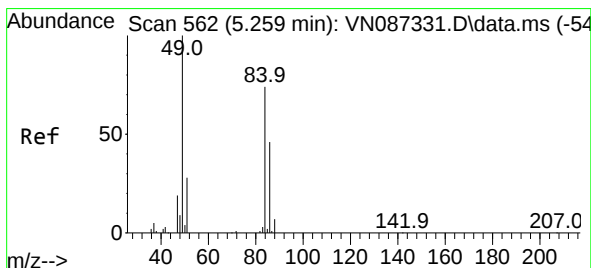
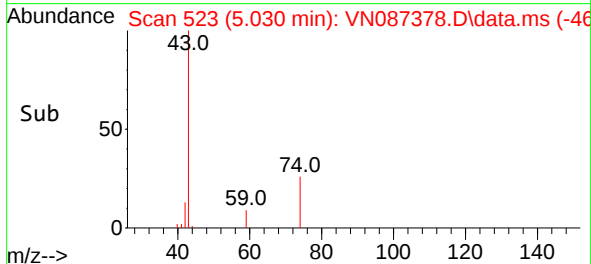
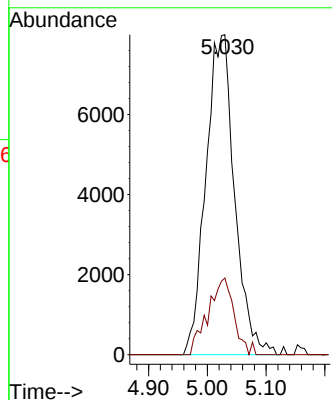
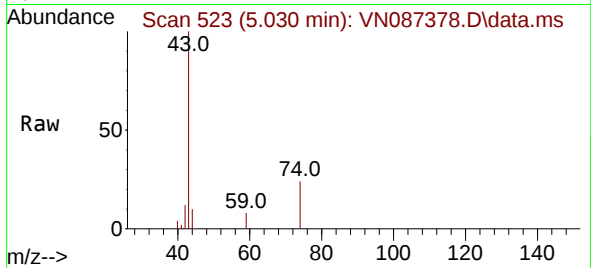




#18
Methyl Acetate
Concen: 8.351 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

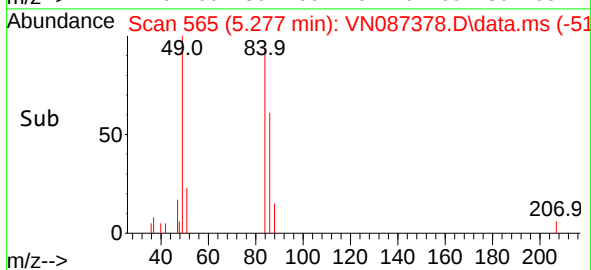
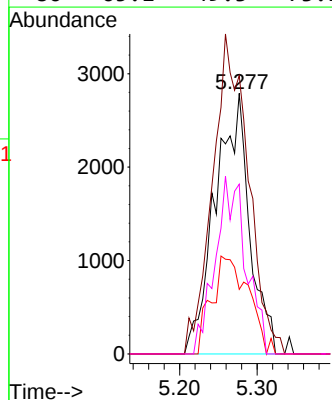
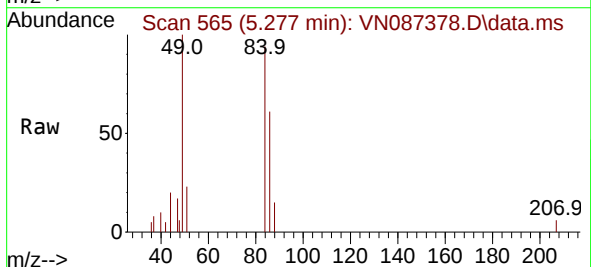
Instrument :
MSVOA_N
ClientSampleId :
WC-1

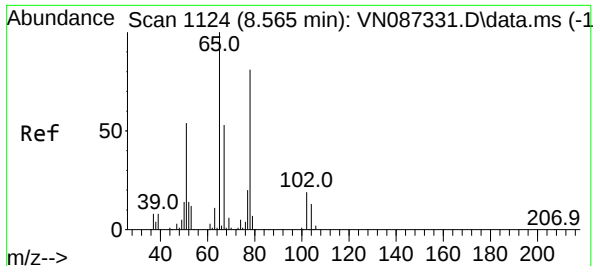
Tgt Ion: 43 Resp: 27161
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6



#20
Methylene Chloride
Concen: 3.313 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.018 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

Tgt Ion: 84 Resp: 8559
Ion Ratio Lower Upper
84 100
49 106.8 107.5 161.3#
51 24.8 30.2 45.2#
86 65.1 49.3 73.9





#33

1,2-Dichloroethane-d4

Concen: 57.820 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087378.D

Acq: 21 Jul 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

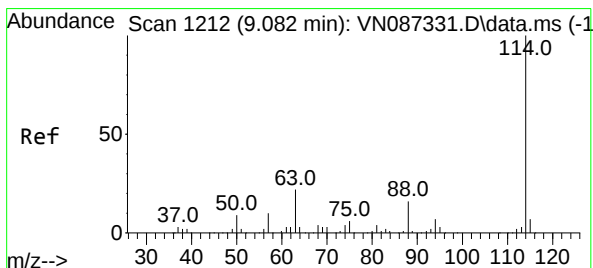
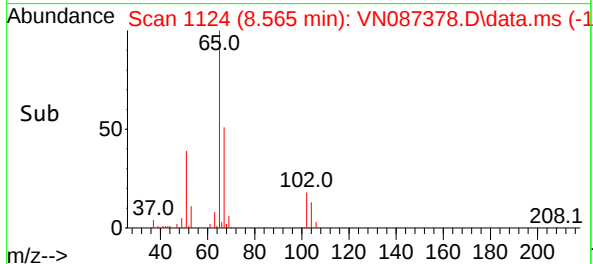
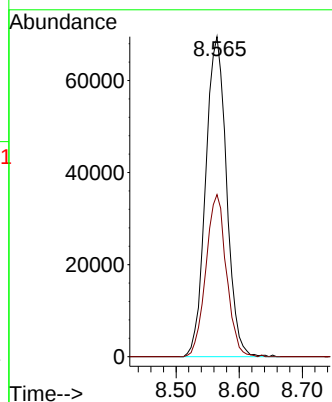
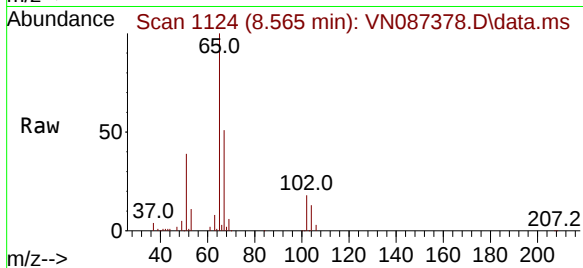
WC-1

Tgt Ion: 65 Resp: 159643

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087378.D

Acq: 21 Jul 2025 14:38

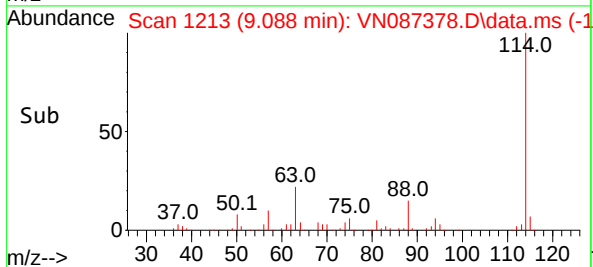
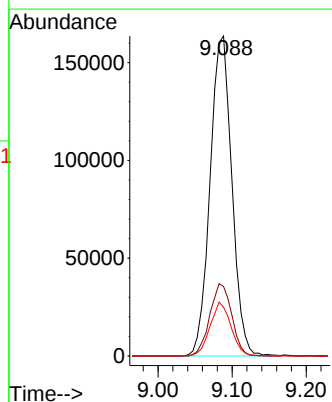
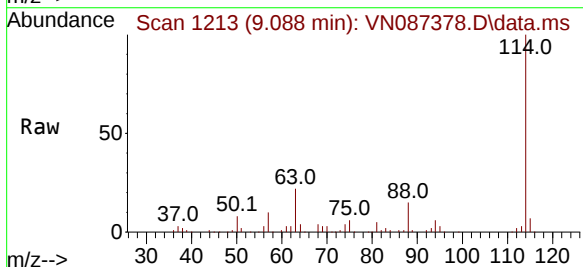
Tgt Ion: 114 Resp: 334567

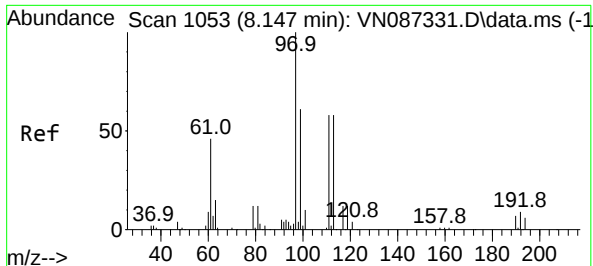
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 15.2 0.0 32.8

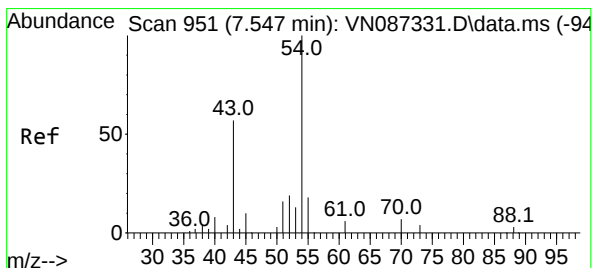
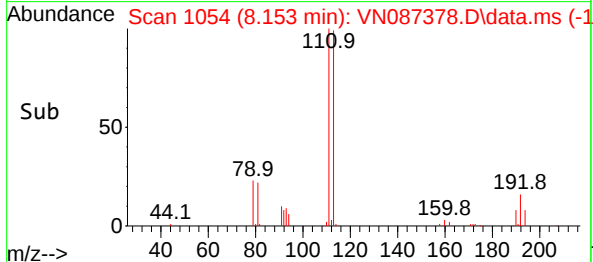
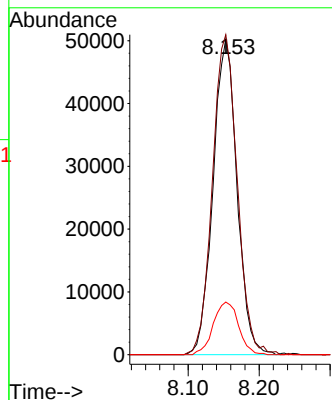
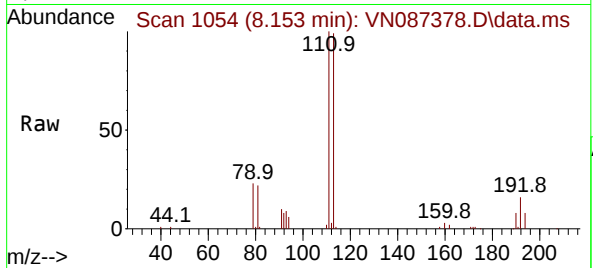




#35
Dibromofluoromethane
Concen: 50.983 ug/l
RT: 8.153 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

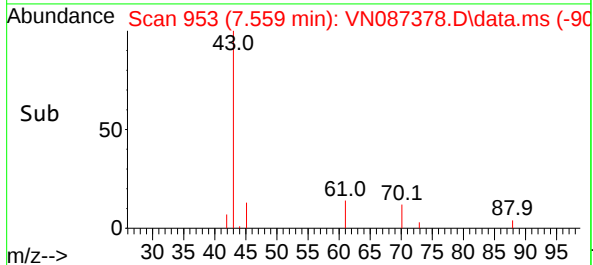
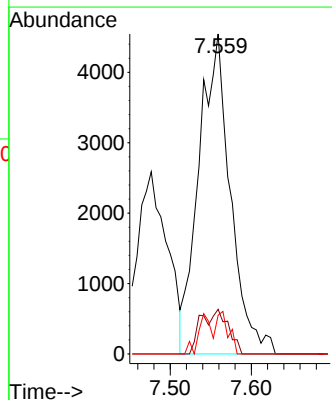
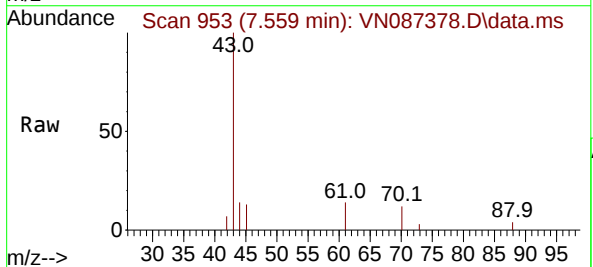
Instrument :
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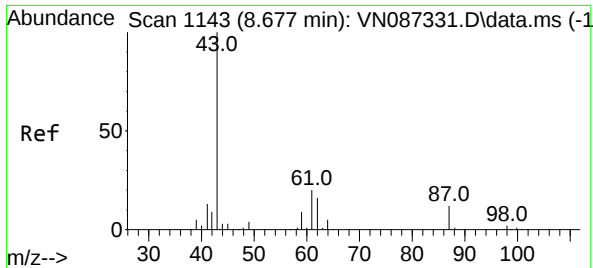
Tgt Ion:113 Resp: 117660
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 17.6 13.7 20.5



#37
Ethyl Acetate
Concen: 2.791 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.012 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

Tgt Ion: 43 Resp: 12292
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 5.0 7.4 11.0#

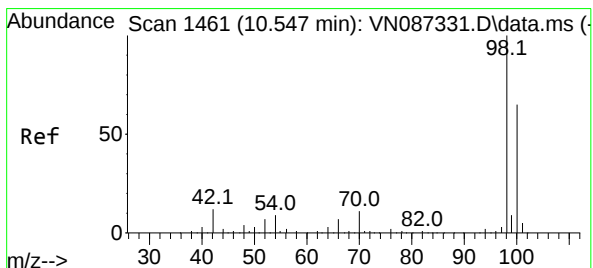
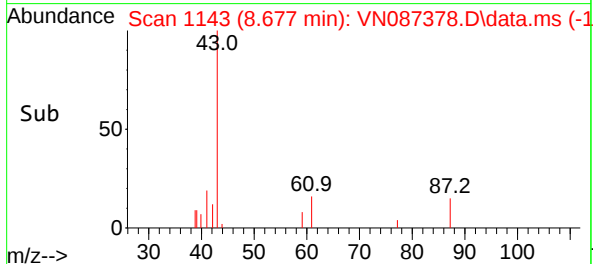
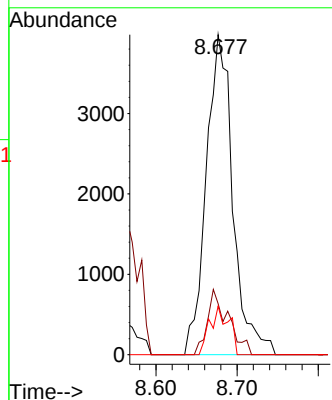
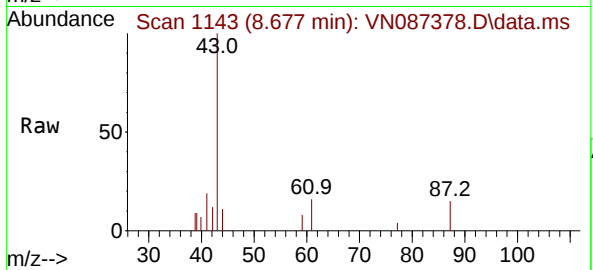




#43
Isopropyl Acetate
Concen: 1.327 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

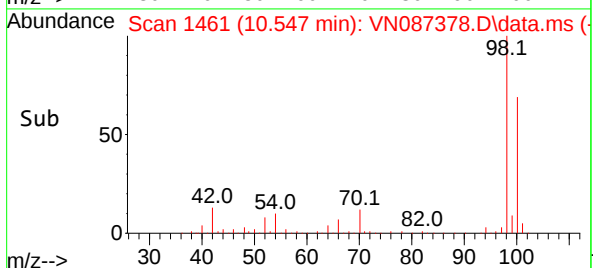
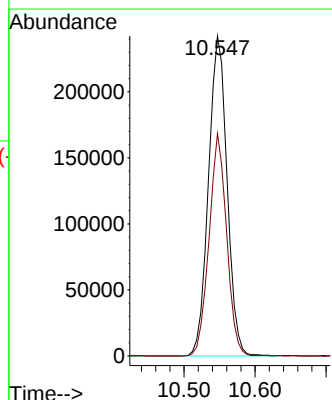
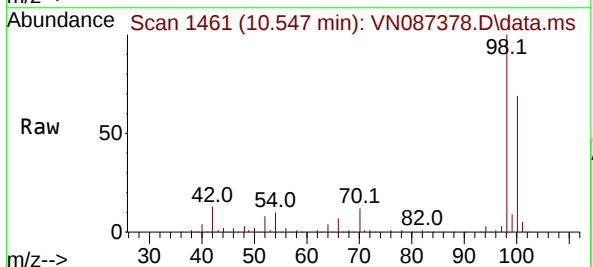
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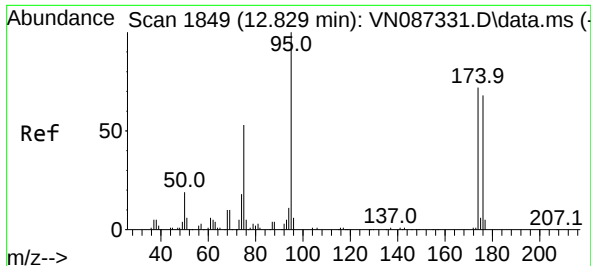
Tgt Ion: 43 Resp: 9074
Ion Ratio Lower Upper
43 100
61 16.0 19.8 29.8#
87 10.8 9.8 14.6



#50
Toluene-d8
Concen: 53.509 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

Tgt Ion: 98 Resp: 440507
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

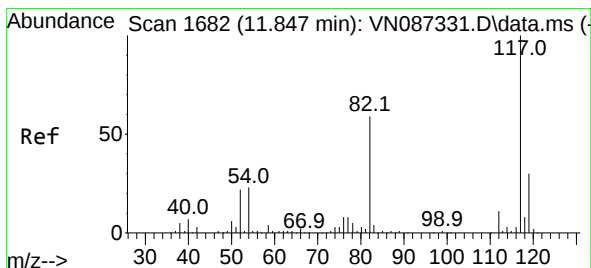
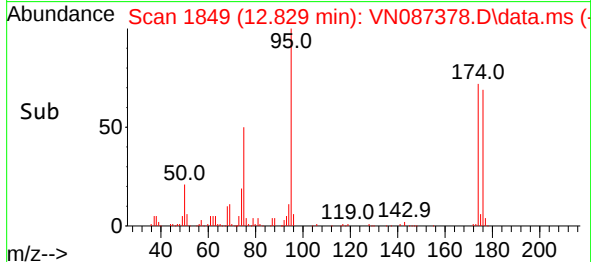
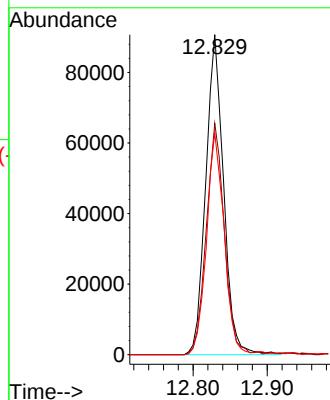
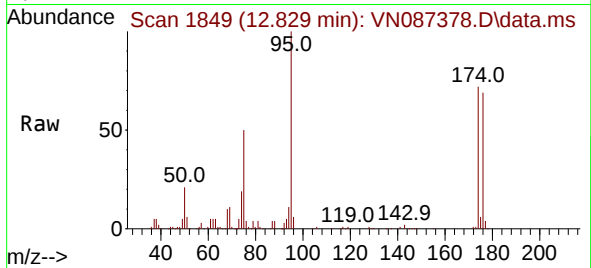




#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

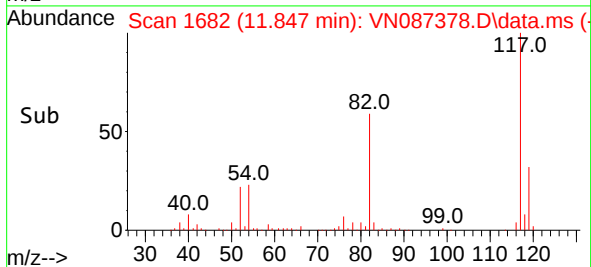
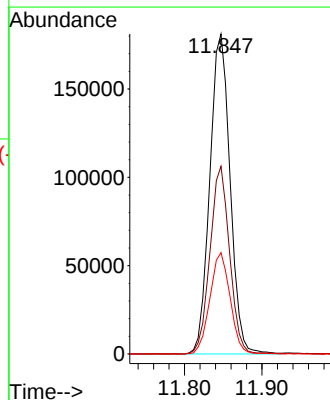
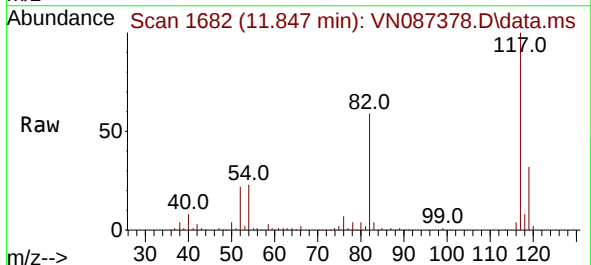
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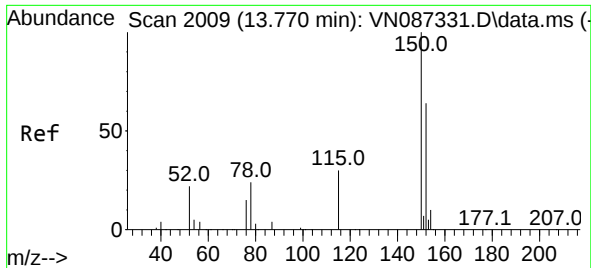
Tgt Ion: 95 Resp: 151566
Ion Ratio Lower Upper
95 100
174 73.4 0.0 149.4
176 68.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087378.D
Acq: 21 Jul 2025 14:38

Tgt Ion: 117 Resp: 329066
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.7 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087378.D
 Acq: 21 Jul 2025 14:38

Instrument :
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Tgt Ion:152 Resp: 149766
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.1 93.5
 150 157.6 0.0 349.0

