

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086048.D
 Acq On : 21 Mar 2025 18:30
 Operator : JC\MD
 Sample : PB167234ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#08

Quant Time: Mar 21 23:02:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

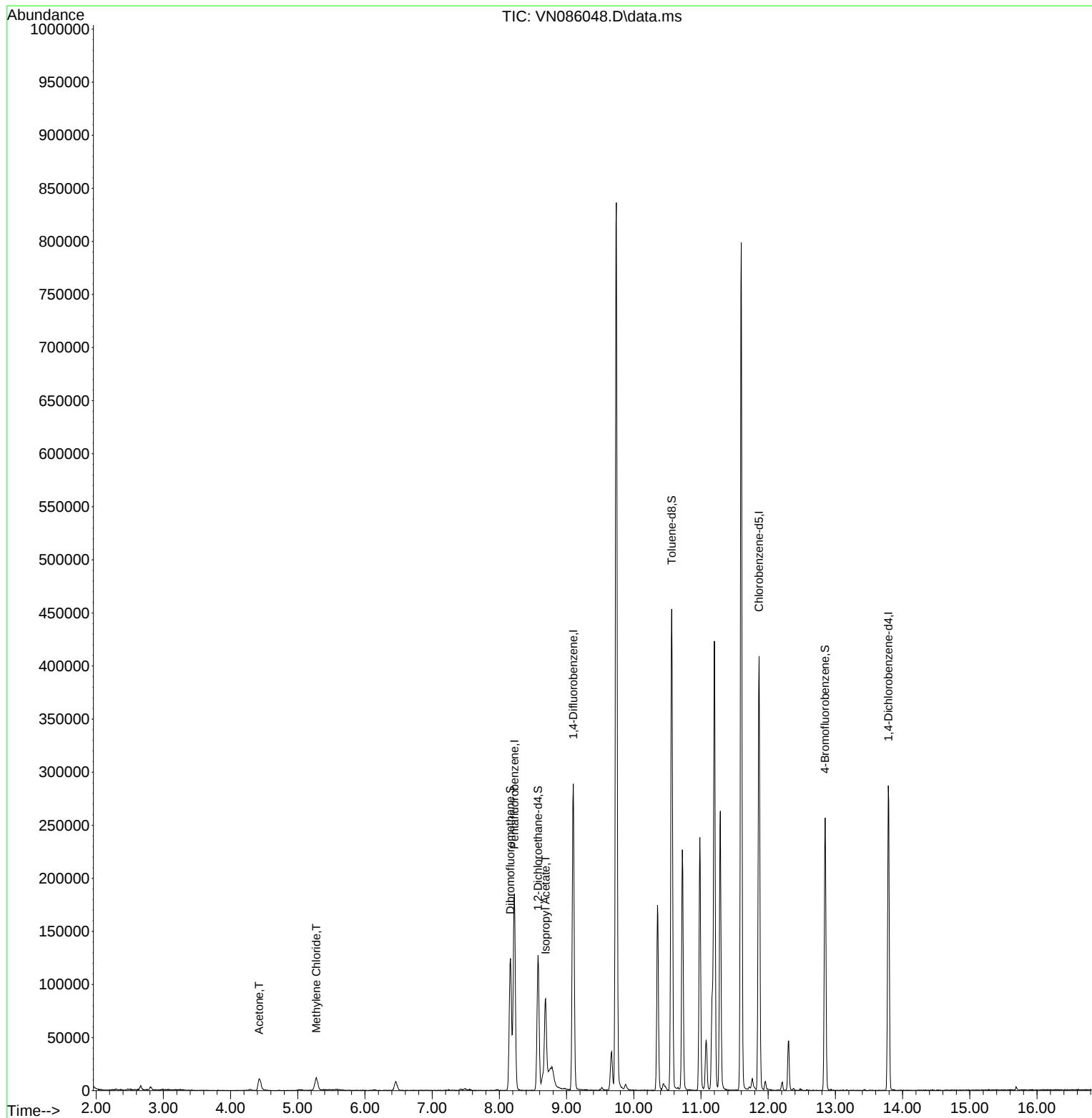
Internal Standards						
1) Pentafluorobenzene	8.224	168	133301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	84042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105398	57.741	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.480%		
35) Dibromofluoromethane	8.165	113	90984	51.623	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.240%		
50) Toluene-d8	10.565	98	328153	51.302	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.600%		
62) 4-Bromofluorobenzene	12.847	95	90608	39.719	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 79.440%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	21794	39.081	ug/l	97
20) Methylene Chloride	5.277	84	9795	6.004	ug/l #	92
43) Isopropyl Acetate	8.688	43	106770	25.166	ug/l #	80

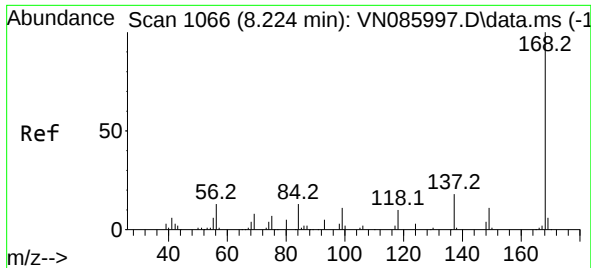
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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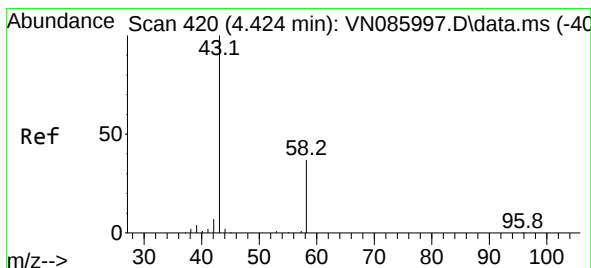
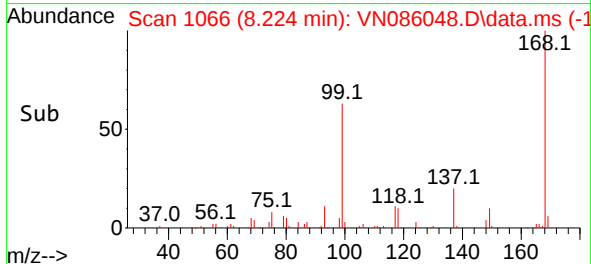
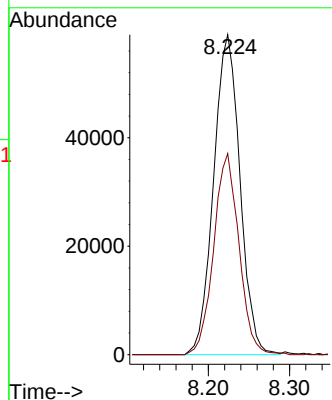
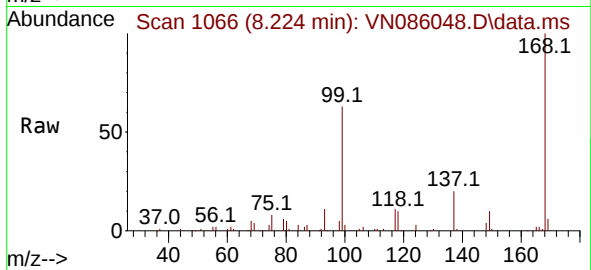




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

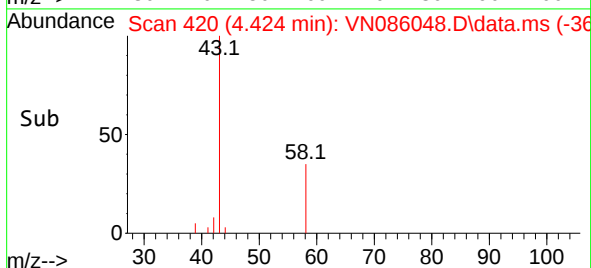
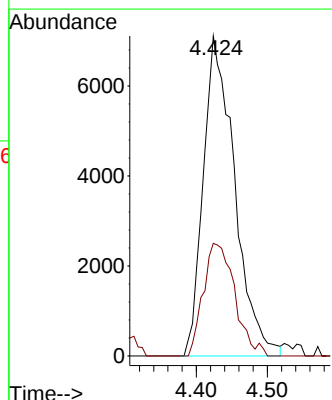
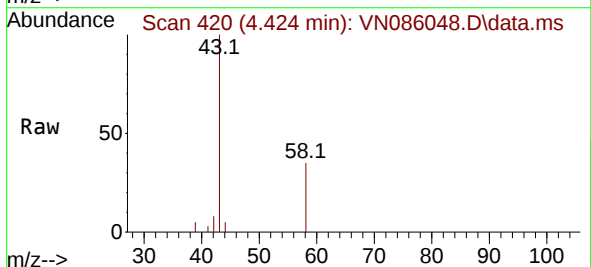
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#08

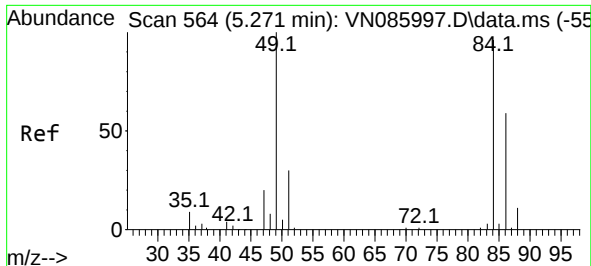
Tgt Ion:168 Resp: 133301
Ion Ratio Lower Upper
168 100
99 62.8 49.4 74.2



#16
Acetone
Concen: 39.081 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

Tgt Ion: 43 Resp: 21794
Ion Ratio Lower Upper
43 100
58 35.2 29.4 44.2

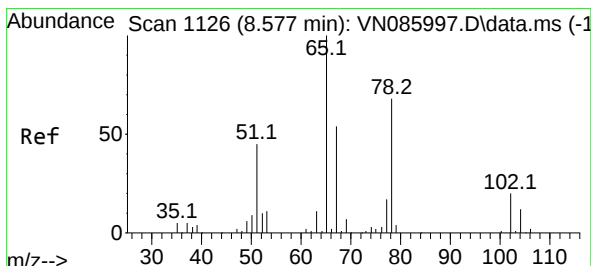
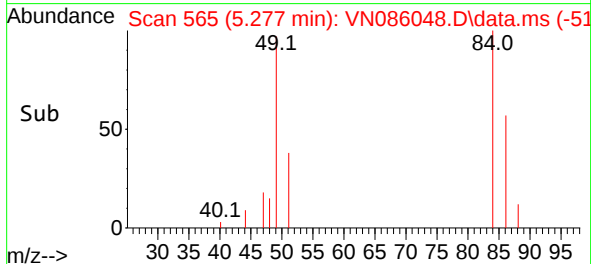
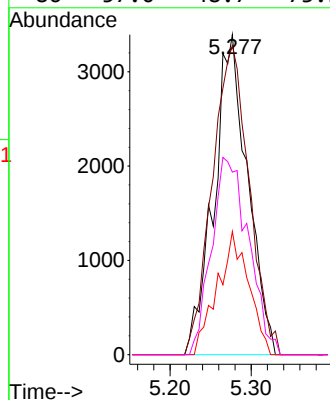
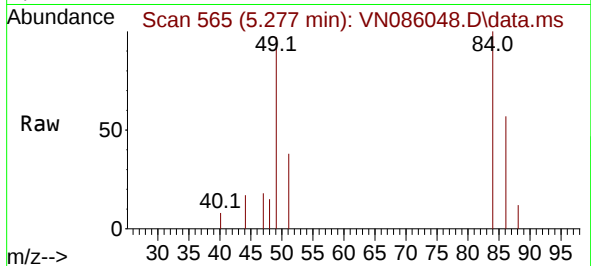




#20
Methylene Chloride
Concen: 6.004 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

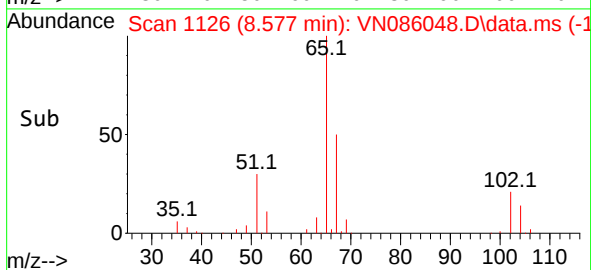
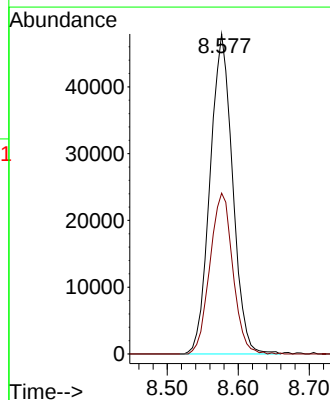
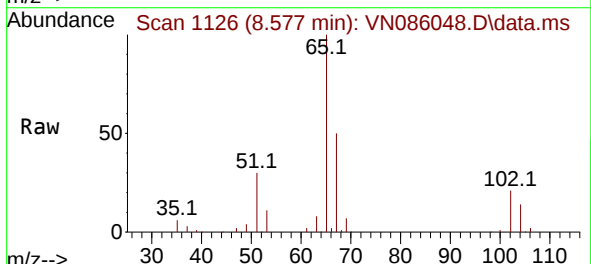
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#08

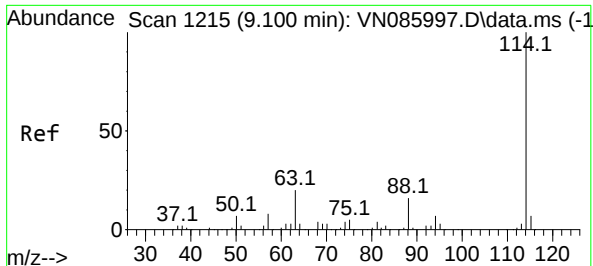
Tgt Ion: 84	Resp: 9795
Ion Ratio	Lower Upper
84 100	
49 96.6	83.3 124.9
51 38.5	24.8 37.2#
86 57.0	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 57.741 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

Tgt Ion: 65	Resp: 105398
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 102.2

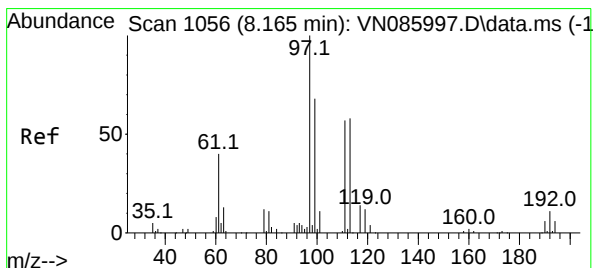
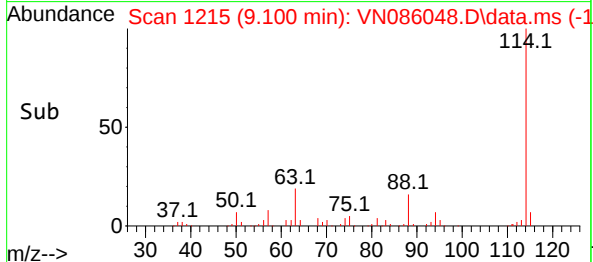
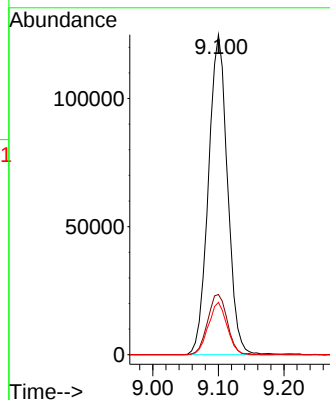
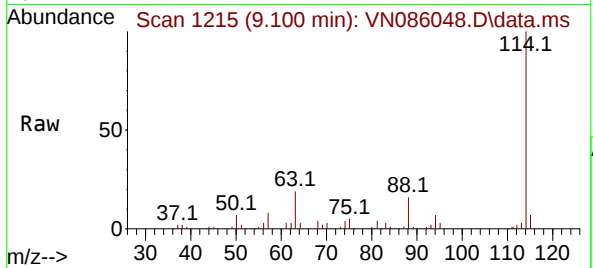




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

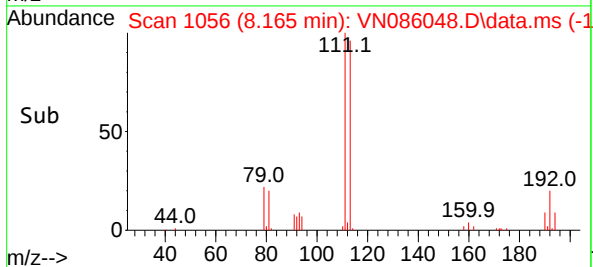
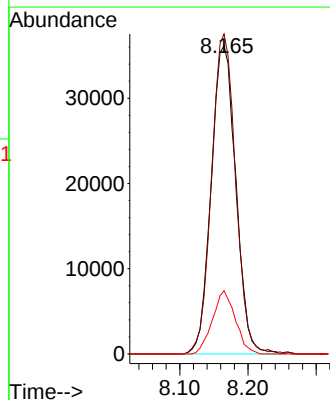
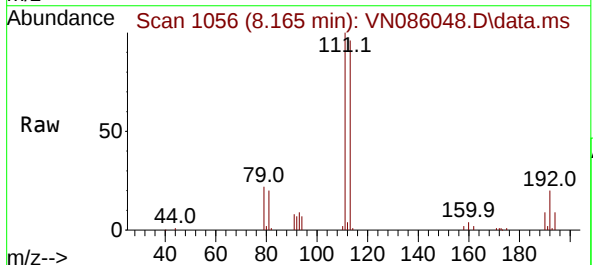
Instrument :
MSVOA_N
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PB167234ZHE#08

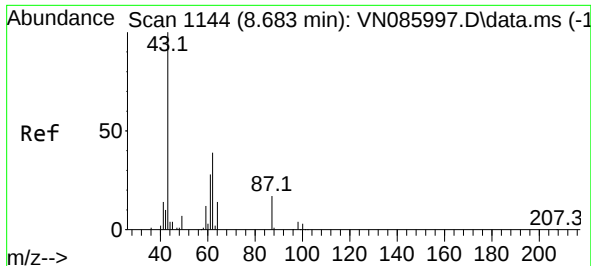
Tgt Ion:114 Resp: 252508
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.6
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.623 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

Tgt Ion:113 Resp: 90984
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 19.1 15.9 23.9

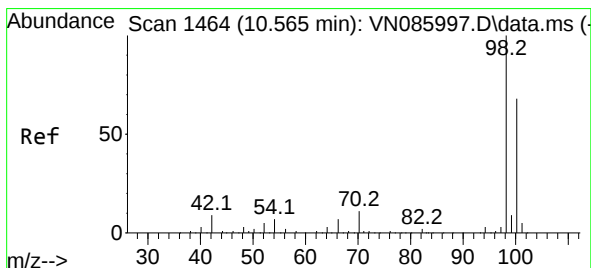
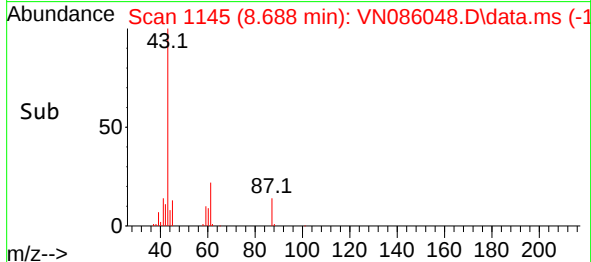
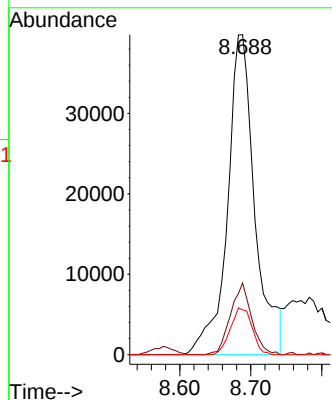
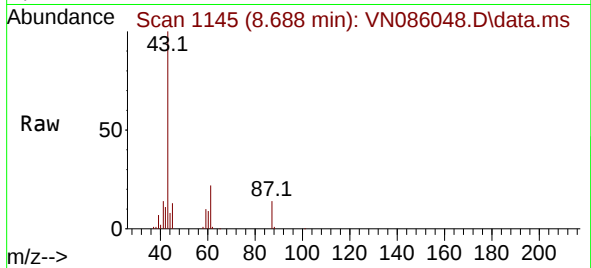




#43
Isopropyl Acetate
Concen: 25.166 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

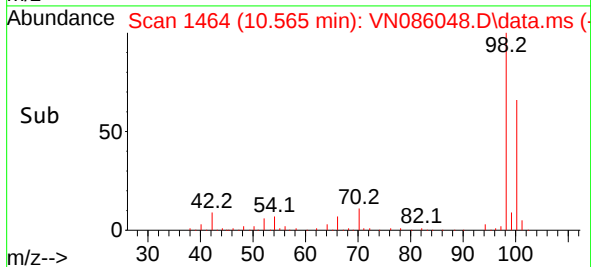
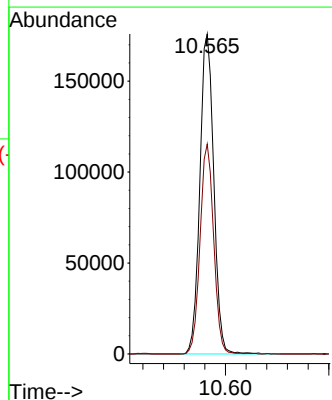
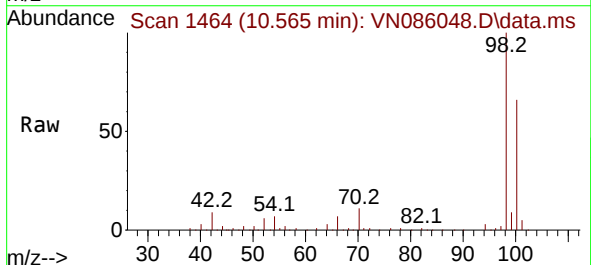
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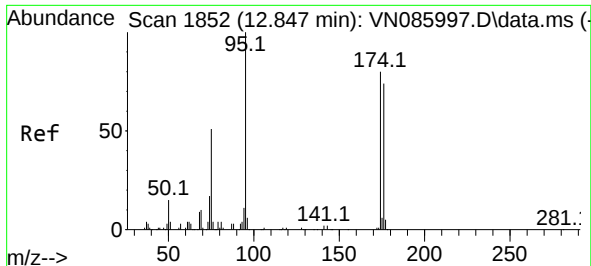
Tgt Ion: 43 Resp: 106770
Ion Ratio Lower Upper
43 100
61 17.3 25.0 37.6#
87 11.6 13.0 19.4#



#50
Toluene-d8
Concen: 51.302 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

Tgt Ion: 98 Resp: 328153
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

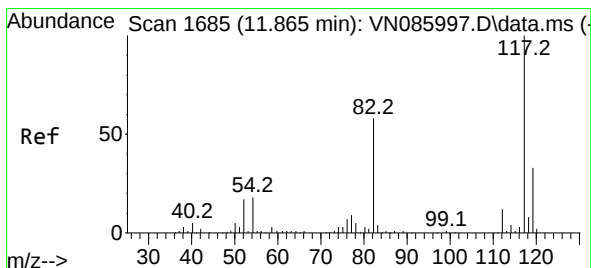
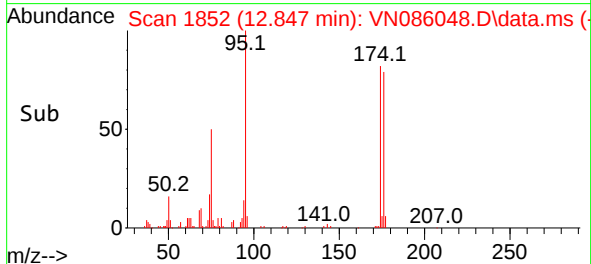
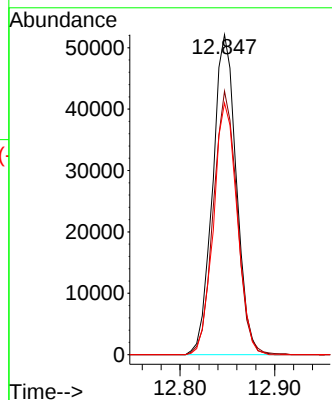
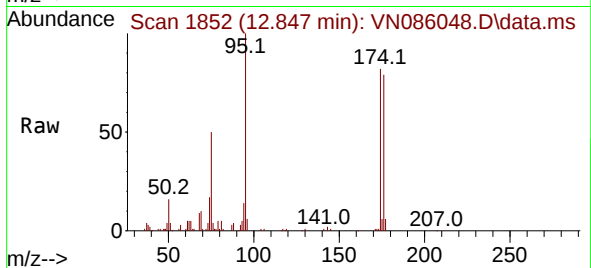




#62
4-Bromofluorobenzene
Concen: 39.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

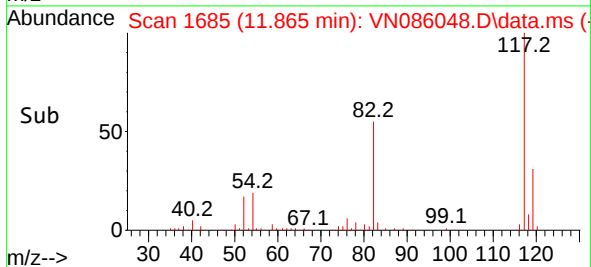
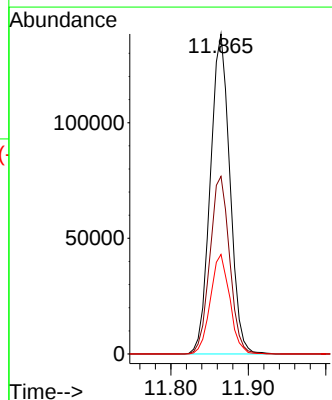
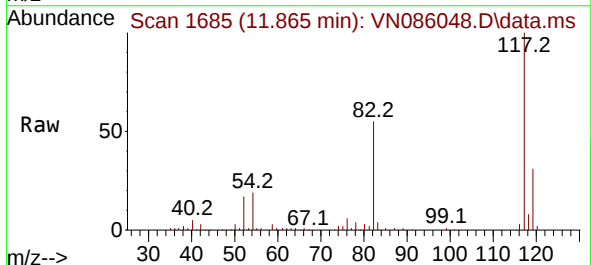
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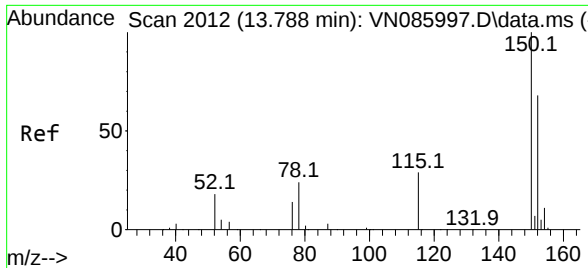
Tgt Ion: 95 Resp: 90608
Ion Ratio Lower Upper
95 100
174 82.2 0.0 156.8
176 78.7 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086048.D
Acq: 21 Mar 2025 18:30

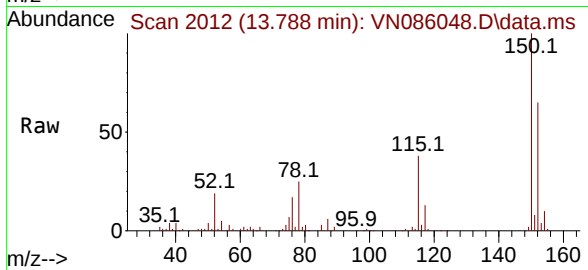
Tgt Ion: 117 Resp: 242041
Ion Ratio Lower Upper
117 100
82 55.5 46.7 70.1
119 31.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086048.D
 Acq: 21 Mar 2025 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#08



Tgt Ion:152 Resp: 84042
 Ion Ratio Lower Upper
 152 100
 115 58.7 31.1 93.2
 150 153.7 0.0 359.6

