

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086051.D
 Acq On : 21 Mar 2025 19:42
 Operator : JC\MD
 Sample : PB167234ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#11

Quant Time: Mar 21 23:04:01 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)

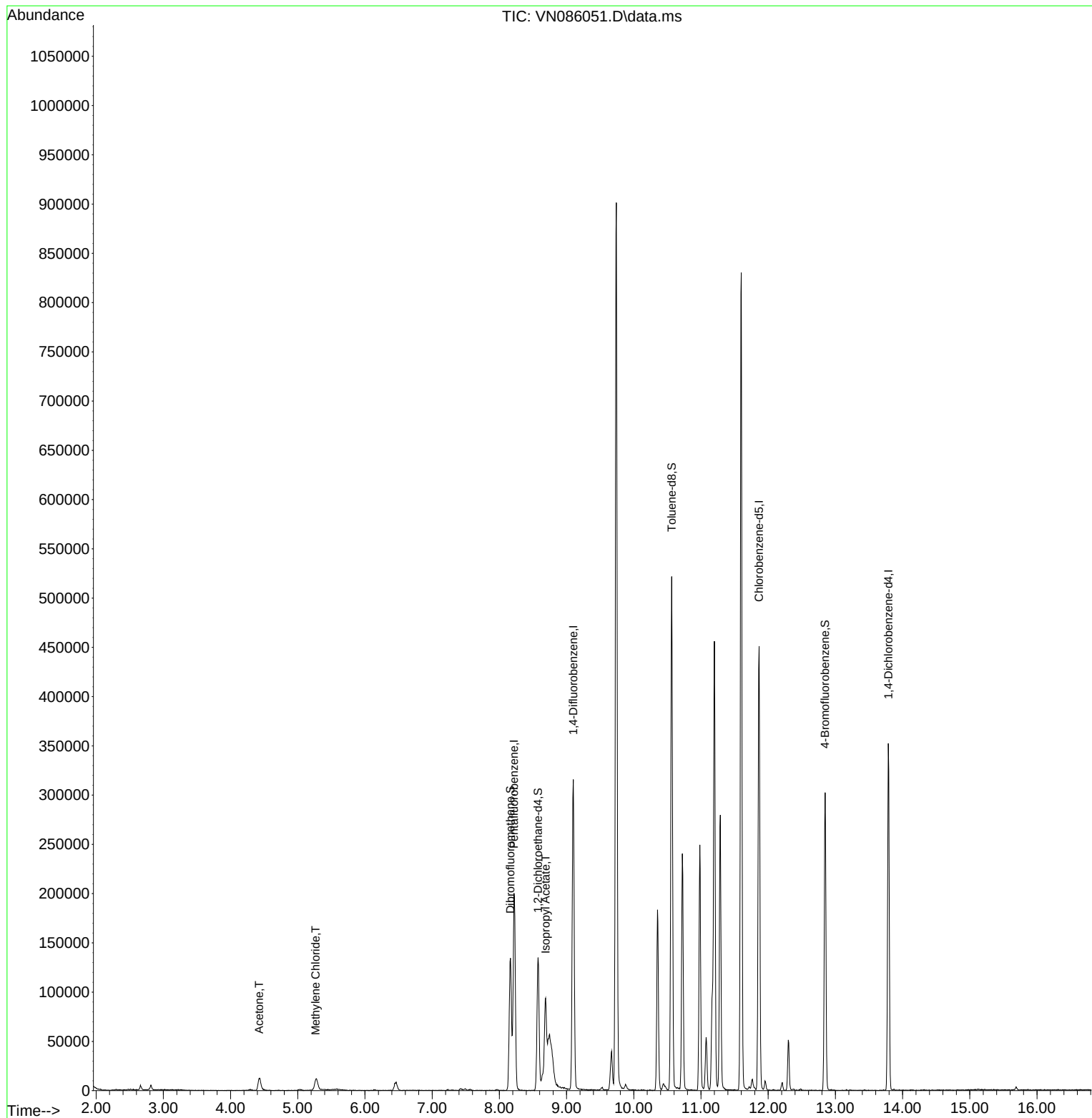
Internal Standards						
1) Pentafluorobenzene	8.218	168	145114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115577	58.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.320%
35) Dibromofluoromethane	8.165	113	96721	49.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	10.565	98	360164	51.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.847	95	107423	42.831	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.660%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	24290	40.011	ug/l	98
20) Methylene Chloride	5.265	84	10364	5.836	ug/l	95
43) Isopropyl Acetate	8.688	43	112926	24.209	ug/l #	79

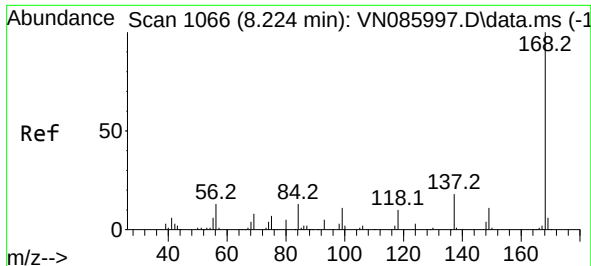
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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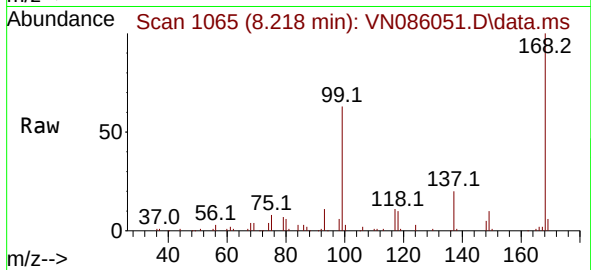
Quant Time: Mar 21 23:04:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
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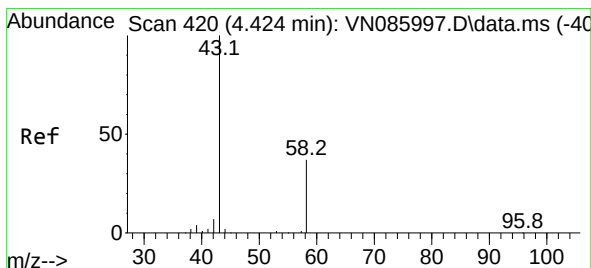
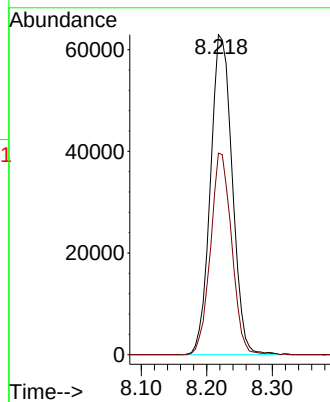
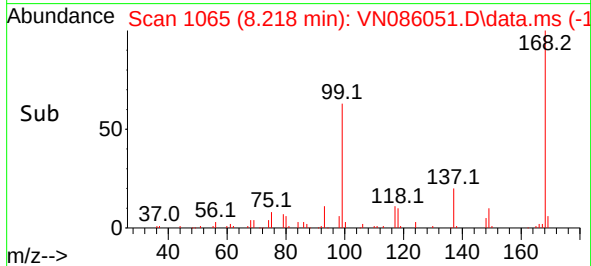


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#11

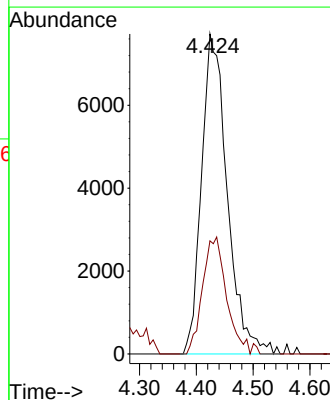
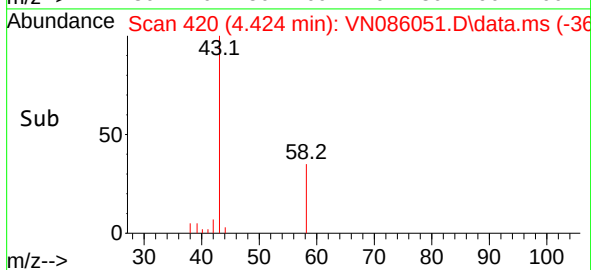
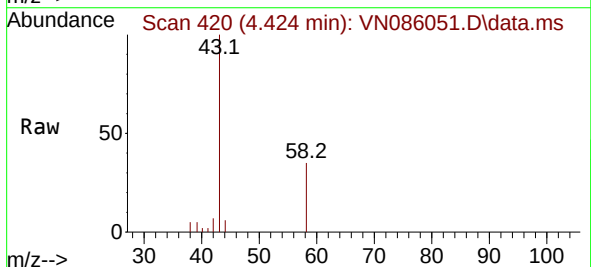


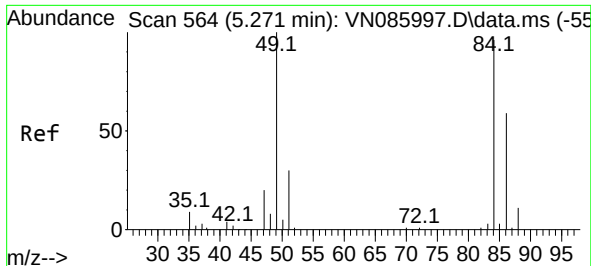
Tgt Ion:168 Resp: 145114
Ion Ratio Lower Upper
168 100
99 63.0 49.4 74.2



#16
Acetone
Concen: 40.011 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

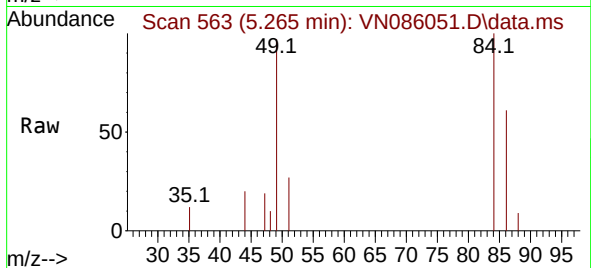
Tgt Ion: 43 Resp: 24290
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.2



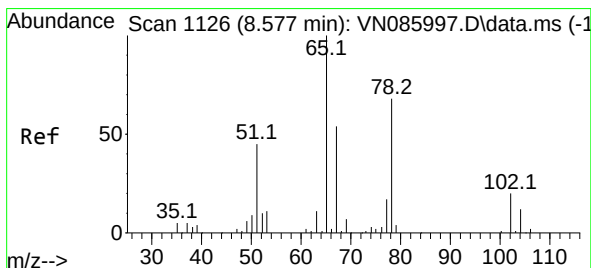
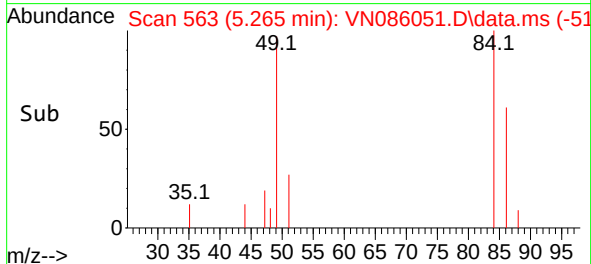
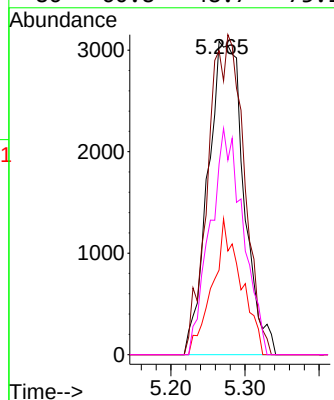


#20
Methylene Chloride
Concen: 5.836 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#11

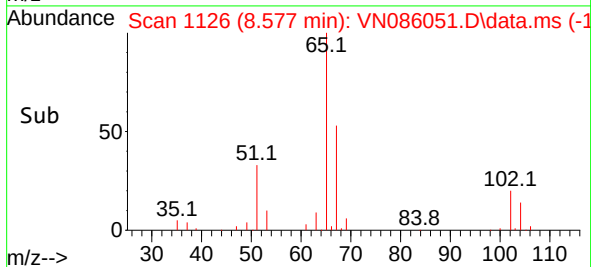
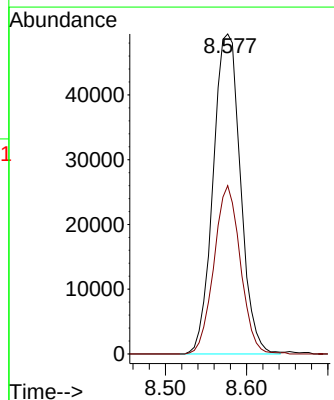
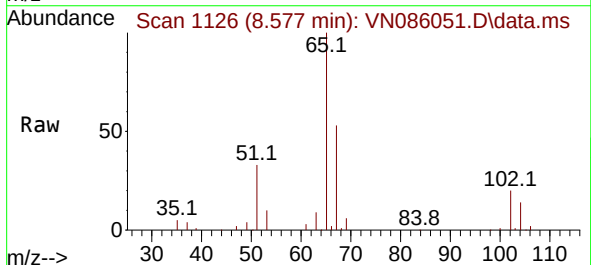


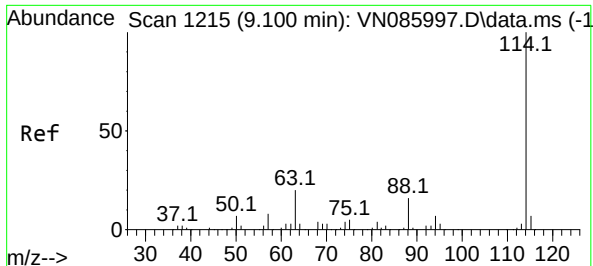
Tgt Ion: 84	Resp: 10364
Ion Ratio	Lower Upper
84 100	
49 97.0	83.3 124.9
51 27.0	24.8 37.2
86 60.8	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 58.164 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

Tgt Ion: 65	Resp: 115577
Ion Ratio	Lower Upper
65 100	
67 50.8	0.0 102.2

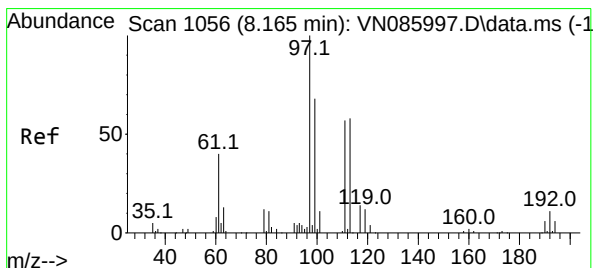
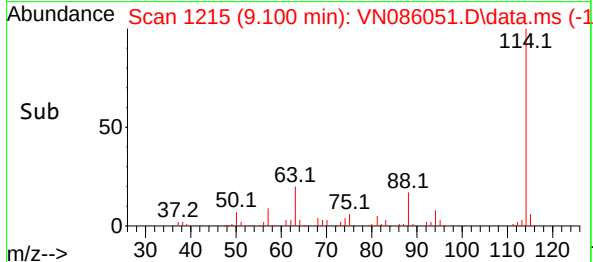
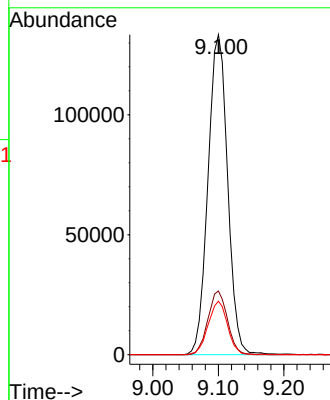
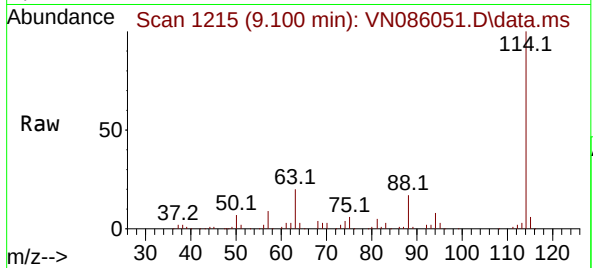




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

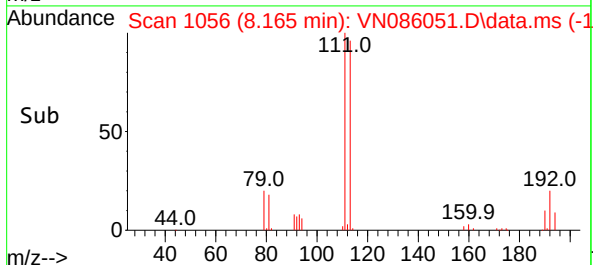
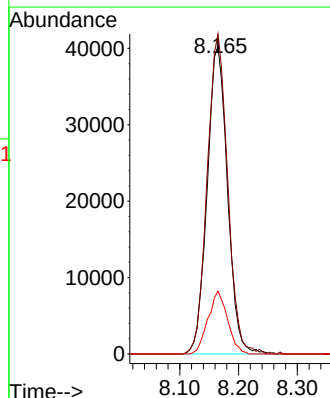
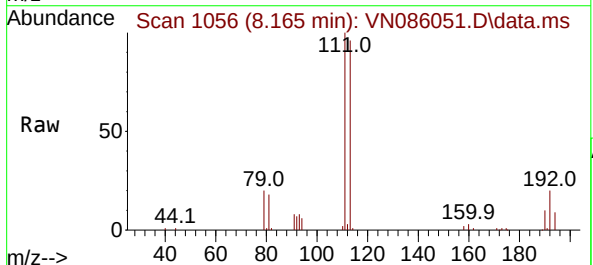
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#11

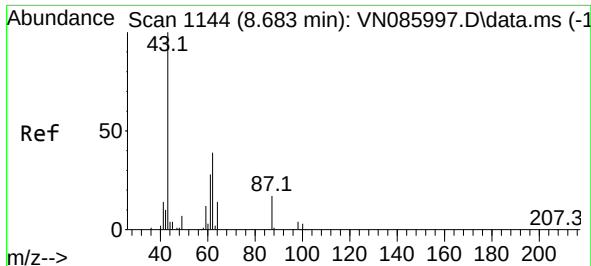
Tgt Ion:114 Resp: 277620
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.914 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

Tgt Ion:113 Resp: 96721
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 19.6 15.9 23.9

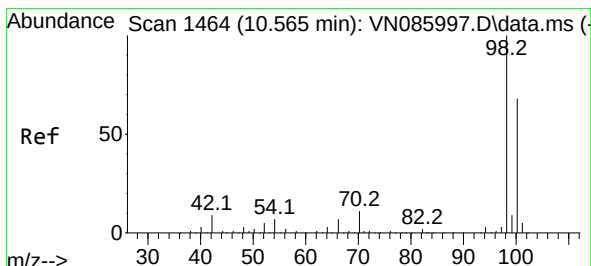
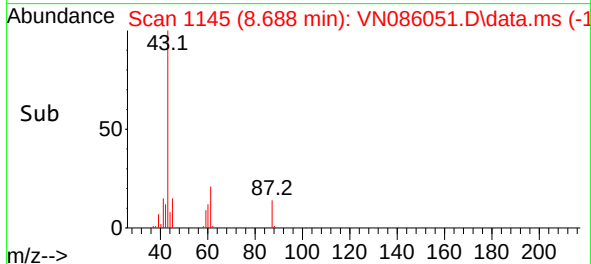
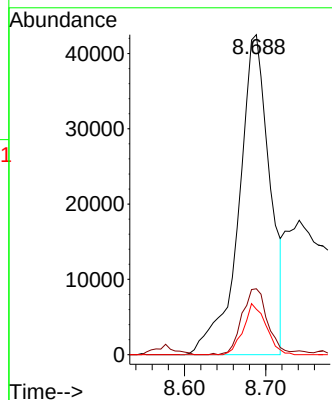
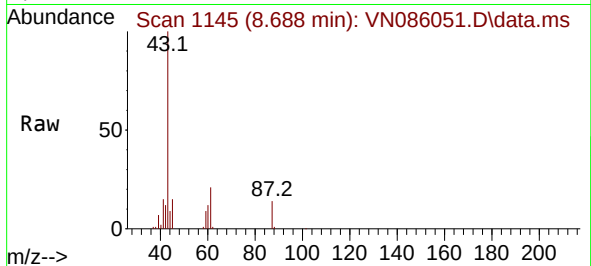




#43
Isopropyl Acetate
Concen: 24.209 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

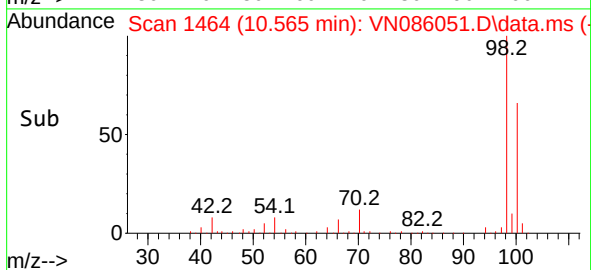
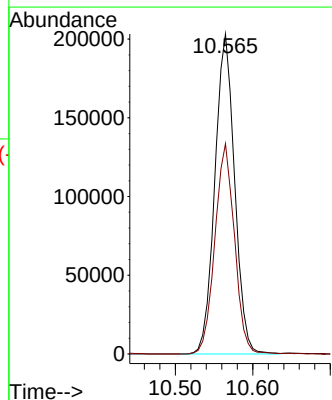
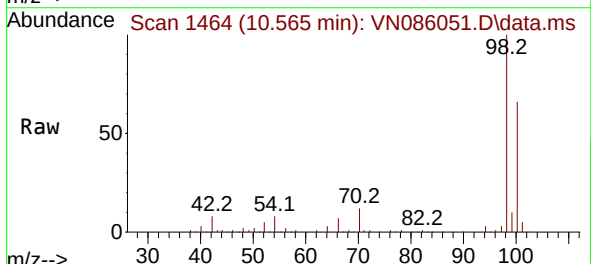
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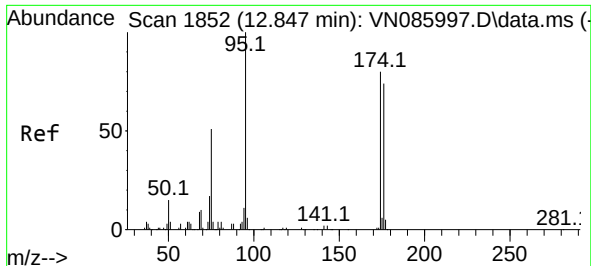
Tgt Ion: 43 Resp: 112926
Ion Ratio Lower Upper
43 100
61 17.1 25.0 37.6#
87 11.7 13.0 19.4#



#50
Toluene-d8
Concen: 51.213 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

Tgt Ion: 98 Resp: 360164
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

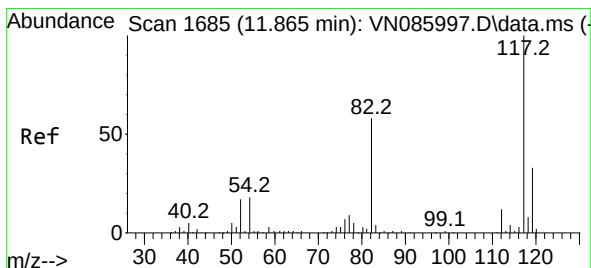
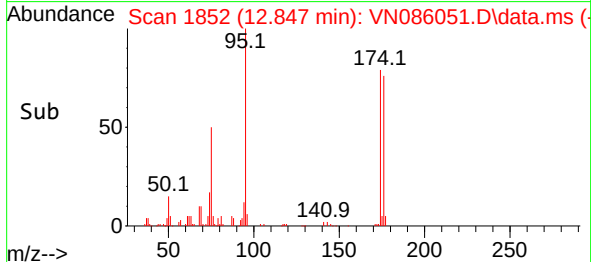
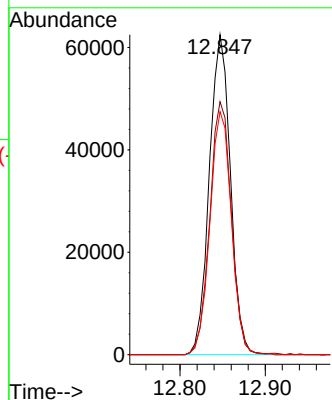
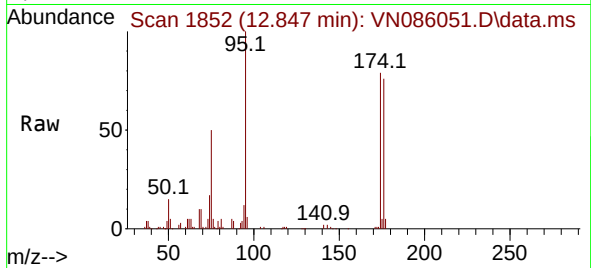




#62
4-Bromofluorobenzene
Concen: 42.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

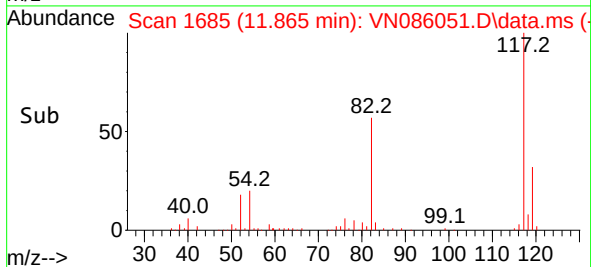
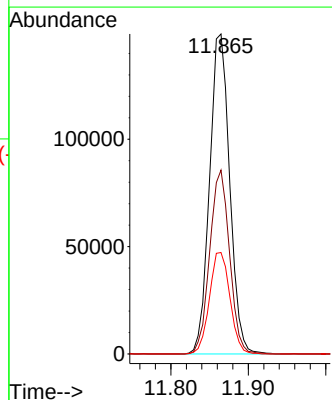
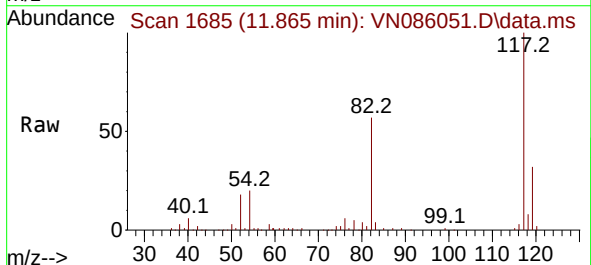
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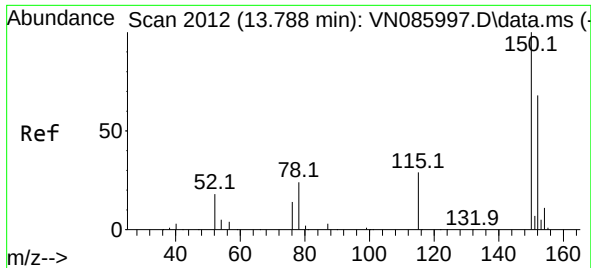
Tgt Ion: 95 Resp: 107423
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.8
176 77.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086051.D
Acq: 21 Mar 2025 19:42

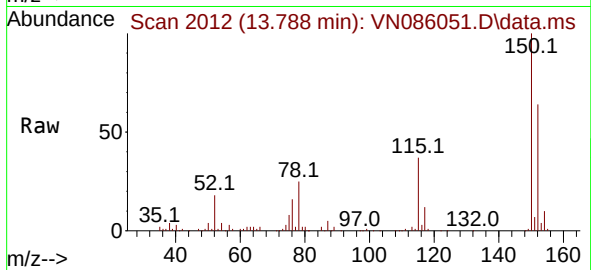
Tgt Ion: 117 Resp: 269609
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 31.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086051.D
 Acq: 21 Mar 2025 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#11



Tgt Ion:152 Resp: 101479
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.1 93.2
 150 156.4 0.0 359.6

