

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083202.D
 Acq On : 10 Aug 2024 12:56
 Operator : JC\MD
 Sample : PB162353TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353TB

Quant Time: Aug 12 01:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

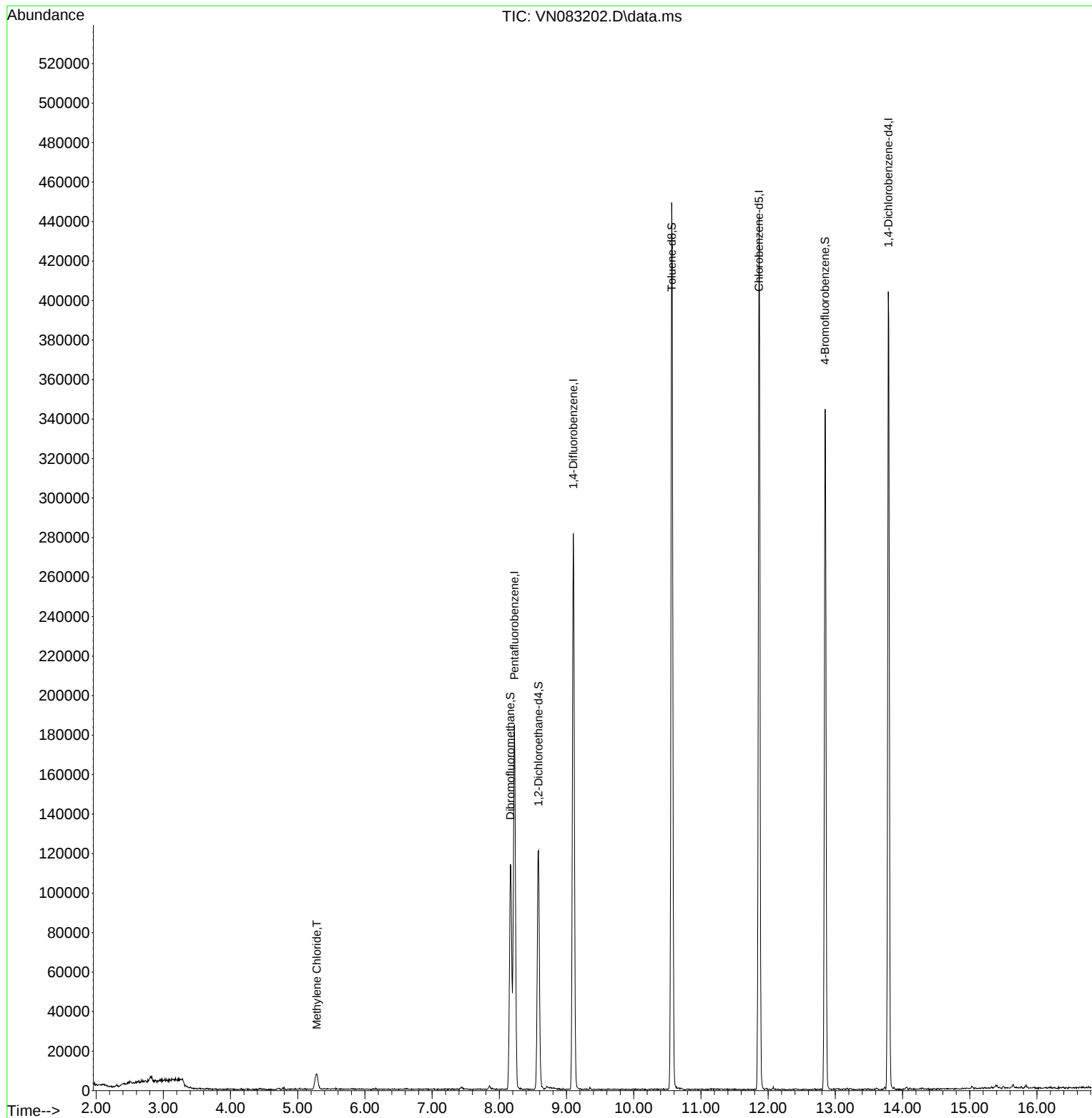
Internal Standards						
1) Pentafluorobenzene	8.224	168	126834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104137	57.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.360%			
35) Dibromofluoromethane	8.165	113	82452	56.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.060%			
50) Toluene-d8	10.565	98	305911	55.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.847	95	126007	58.879	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 117.760%			
Target Compounds			Qvalue			
20) Methylene Chloride	5.283	84	6257	3.849	ug/l #	81

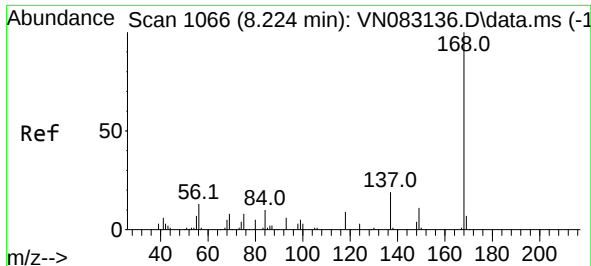
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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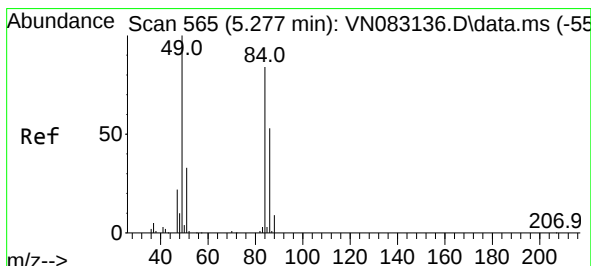
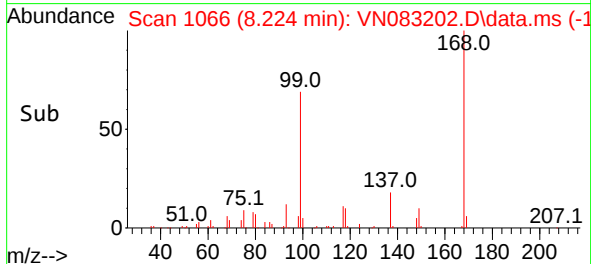
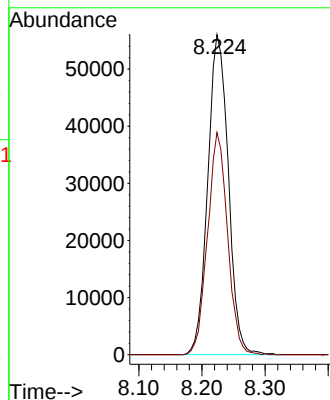
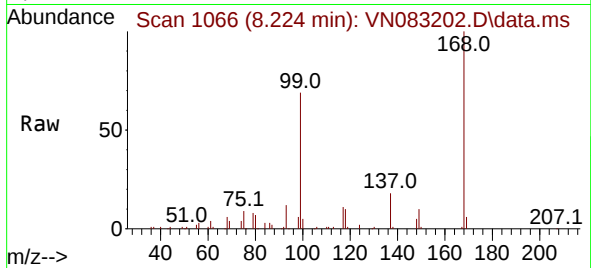




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

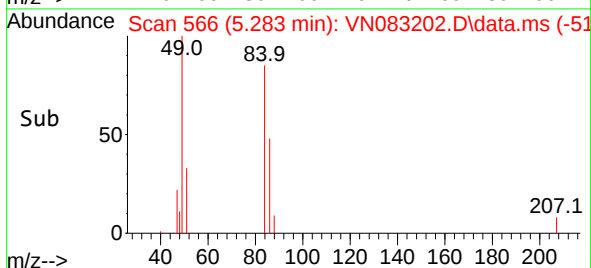
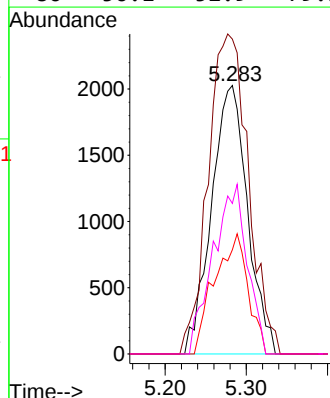
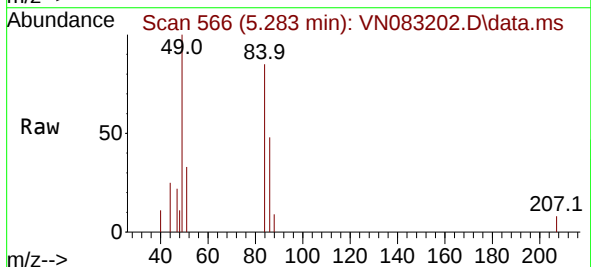
Instrument :
MSVOA_N
ClientSampleId :
PB162353TB

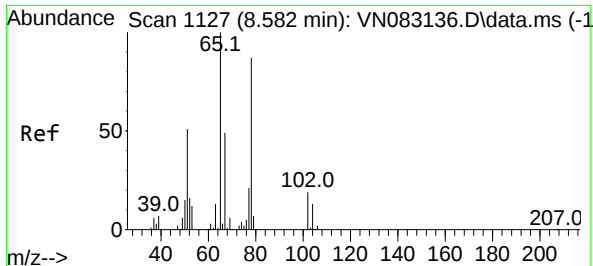
Tgt Ion:168 Resp: 126834
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#20
Methylene Chloride
Concen: 3.849 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

Tgt Ion: 84 Resp: 6257
Ion Ratio Lower Upper
84 100
49 117.3 119.6 179.4#
51 38.8 34.8 52.2
86 56.1 52.9 79.3

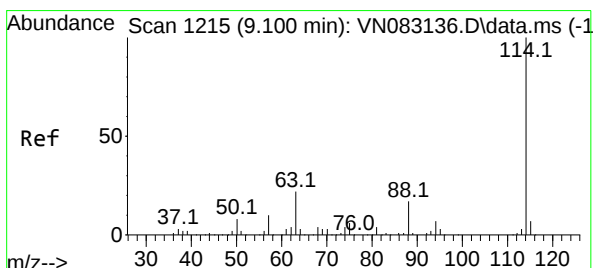
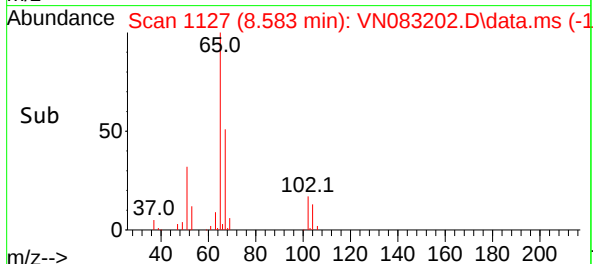
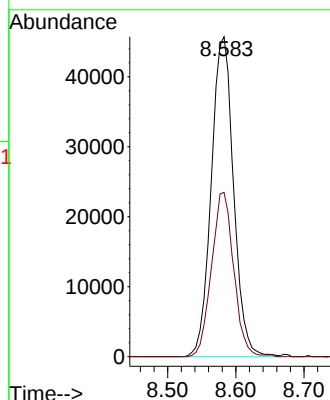
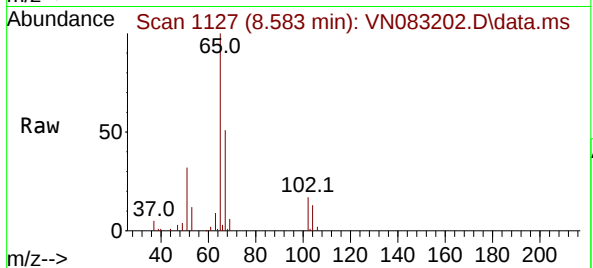




#33
1,2-Dichloroethane-d4
Concen: 57.683 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

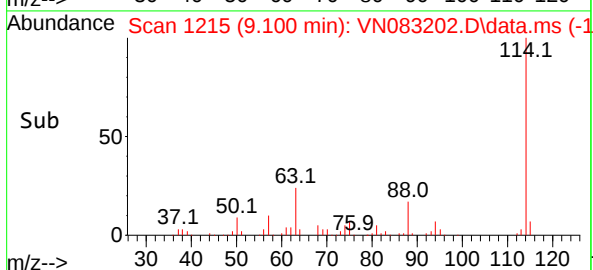
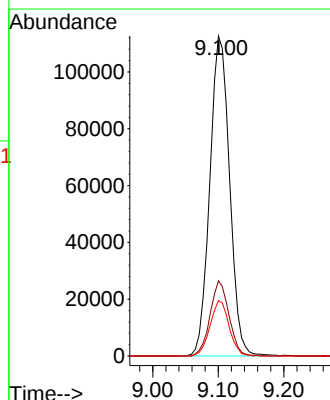
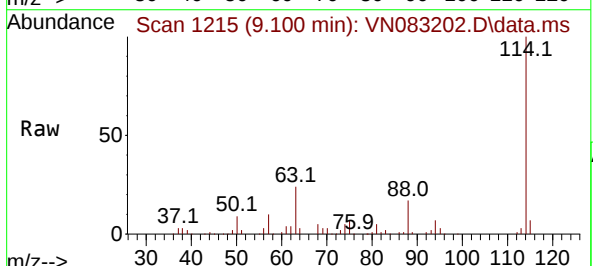
Instrument :
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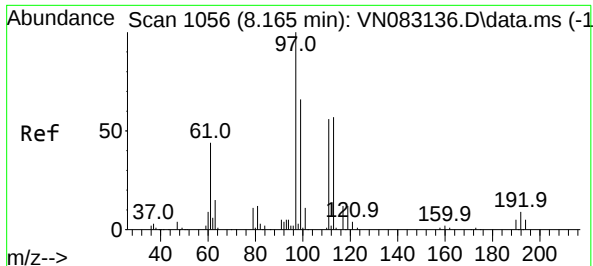
Tgt Ion: 65 Resp: 104137
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

Tgt Ion: 114 Resp: 235765
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.6
88 17.3 0.0 31.4

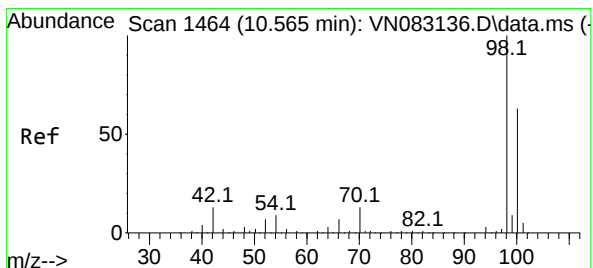
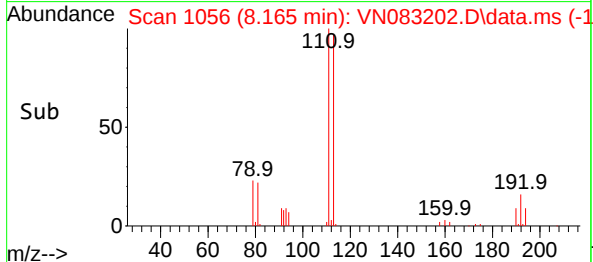
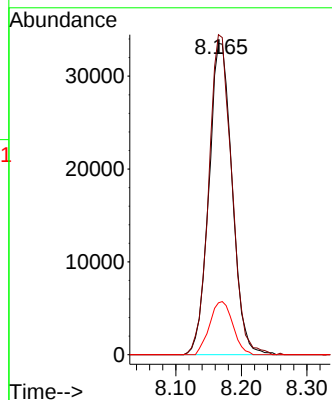
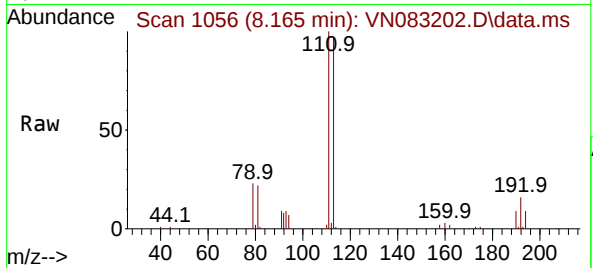




#35
Dibromofluoromethane
Concen: 56.029 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

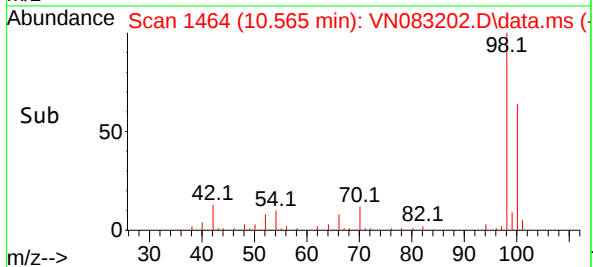
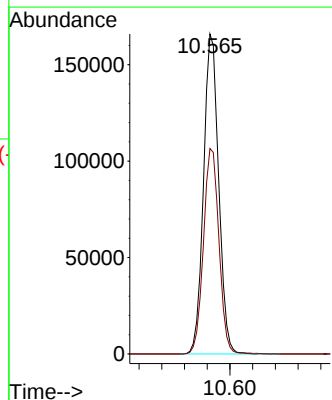
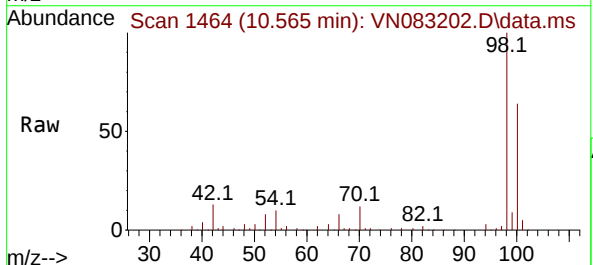
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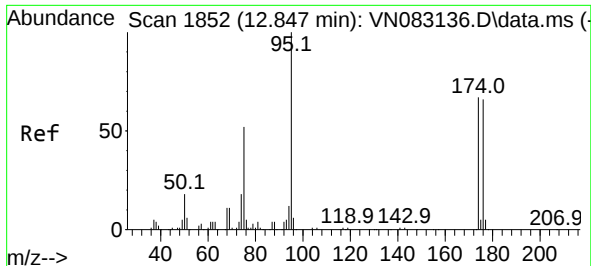
Tgt Ion:113 Resp: 82452
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 17.0 14.9 22.3



#50
Toluene-d8
Concen: 55.728 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

Tgt Ion: 98 Resp: 305911
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

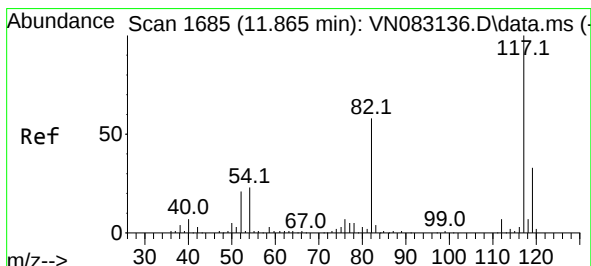
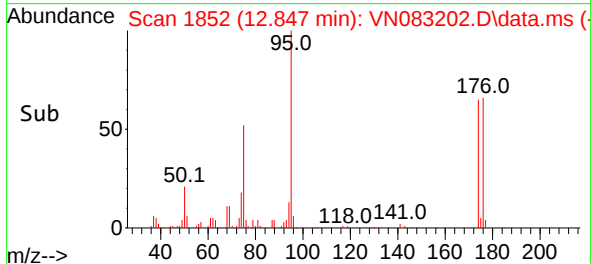
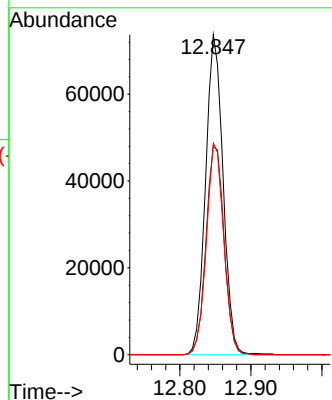
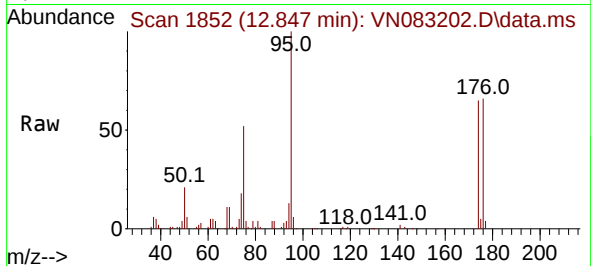




#62
4-Bromofluorobenzene
Concen: 58.879 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

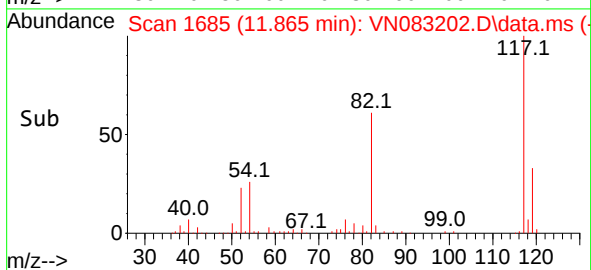
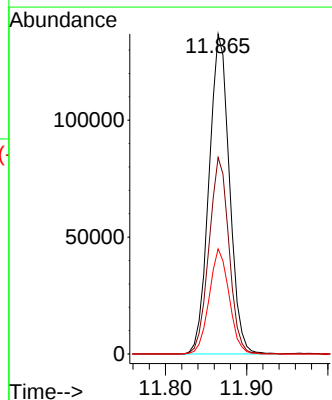
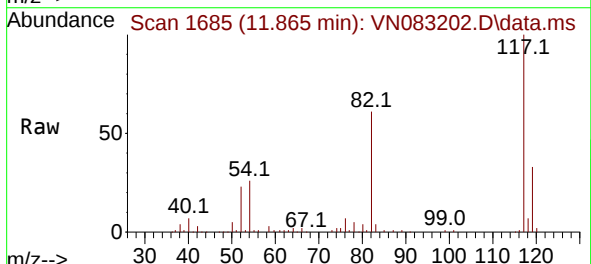
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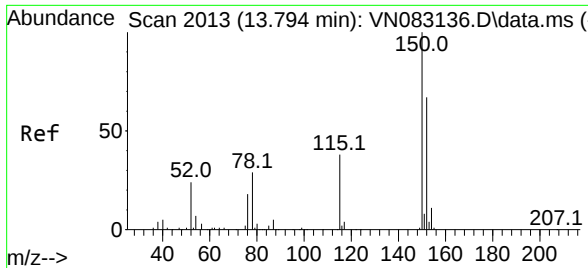
Tgt Ion: 95 Resp: 126007
Ion Ratio Lower Upper
95 100
174 67.4 0.0 159.2
176 65.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083202.D
Acq: 10 Aug 2024 12:56

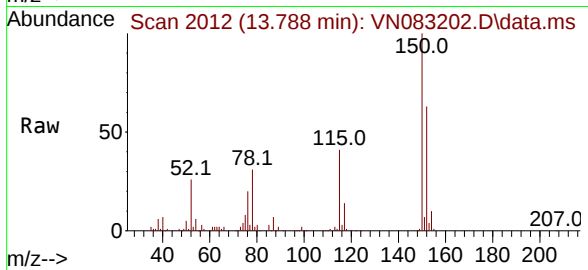
Tgt Ion: 117 Resp: 239235
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN083202.D
 Acq: 10 Aug 2024 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353TB



Tgt Ion:152 Resp: 104120
 Ion Ratio Lower Upper
 152 100
 115 64.9 30.6 91.6
 150 158.0 0.0 348.6

