

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083834.D
 Acq On : 12 Sep 2024 16:17
 Operator : JC\MD
 Sample : P3874-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240904

Quant Time: Sep 13 00:19:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	121382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	96724	52.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.700%
35) Dibromofluoromethane	8.165	113	75065	46.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	10.565	98	278259	49.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.847	95	137790	59.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.360%

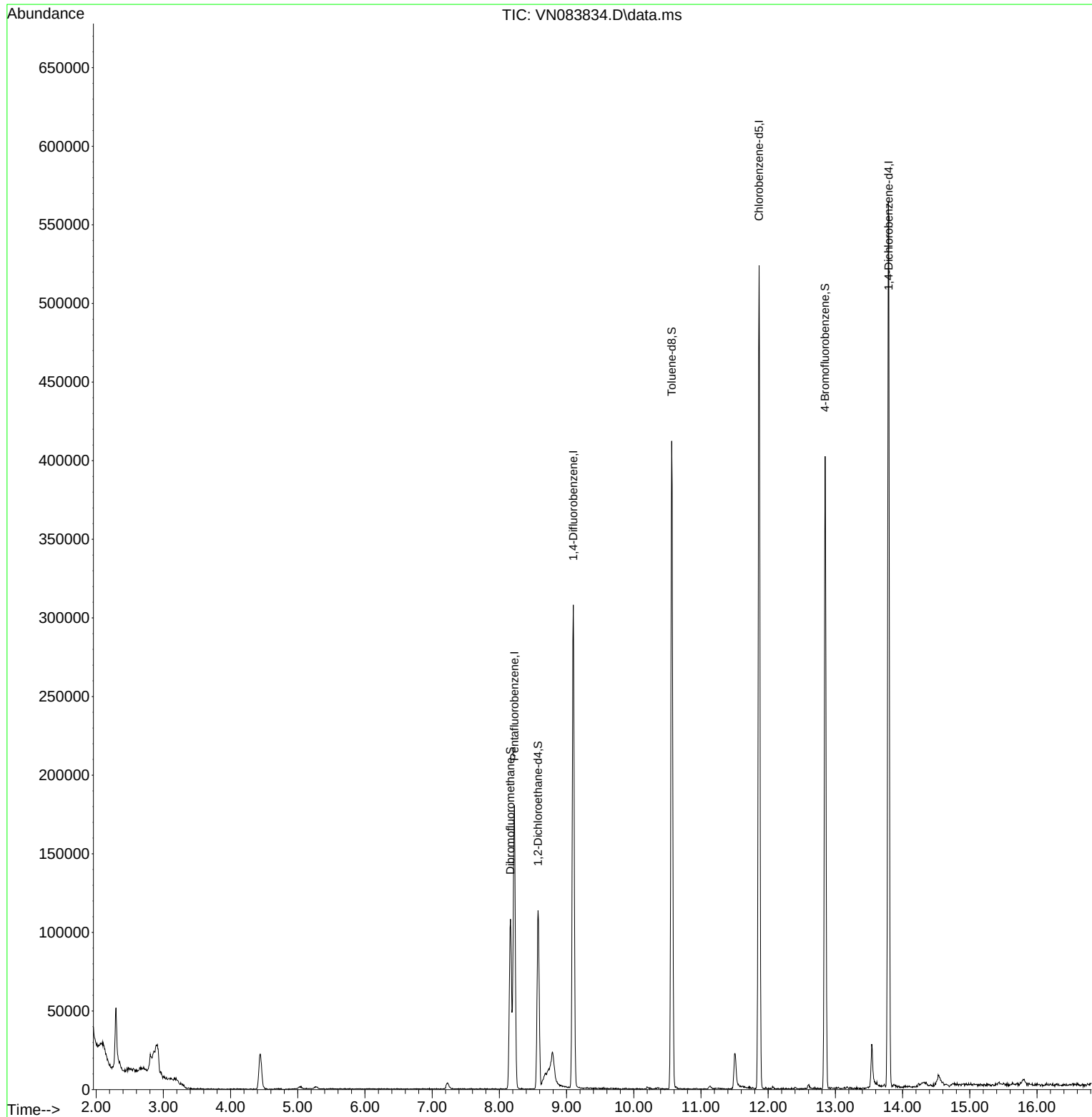
Target Compounds	Qvalue

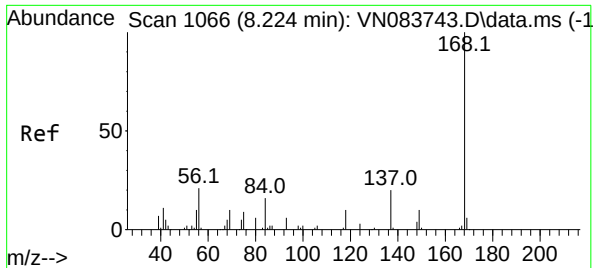
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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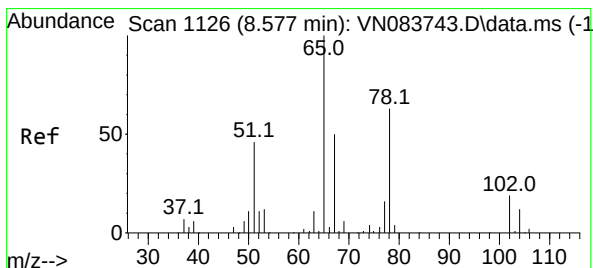
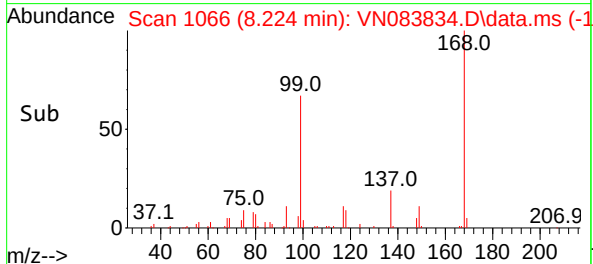
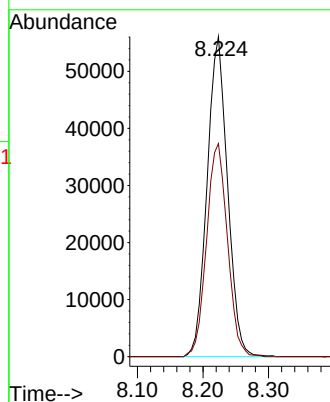
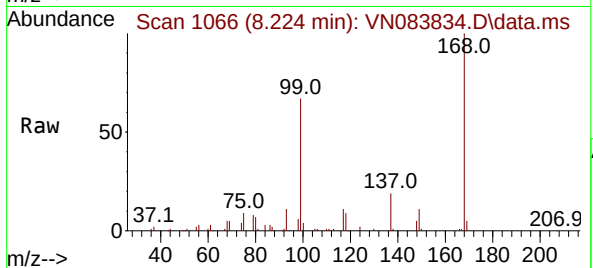




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

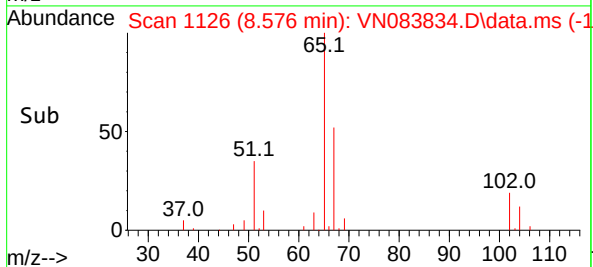
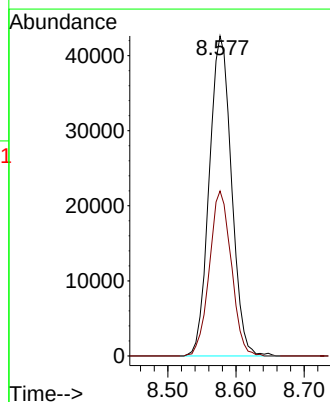
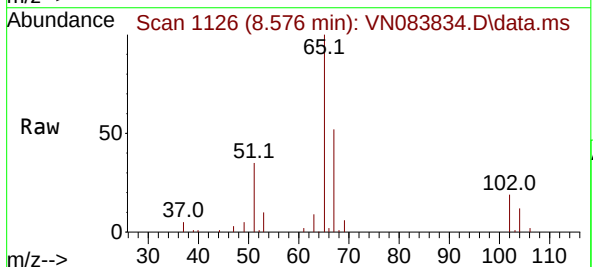
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

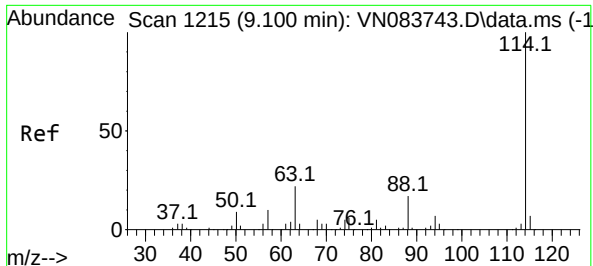
Tgt Ion:168 Resp: 121382
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.847 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

Tgt Ion: 65 Resp: 96724
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8

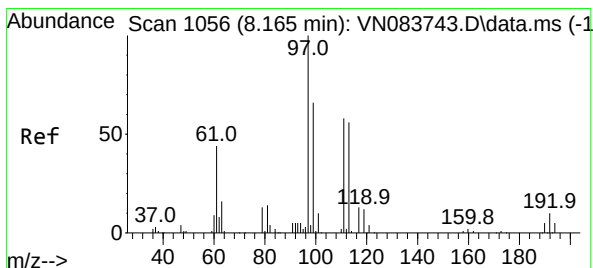
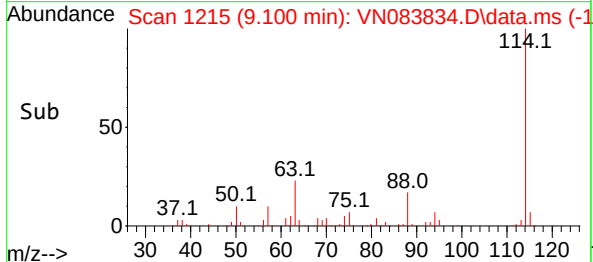
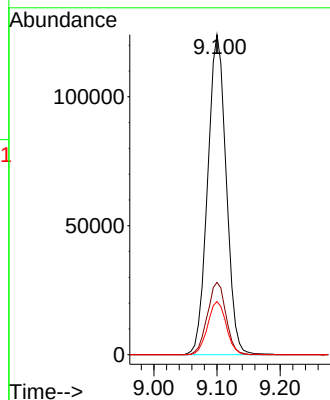
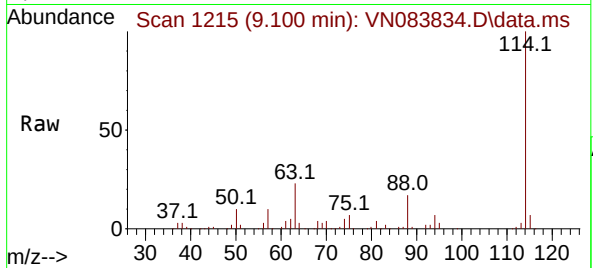




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

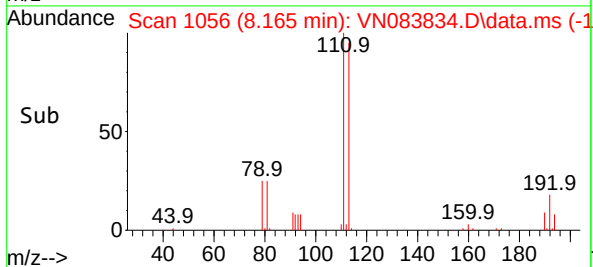
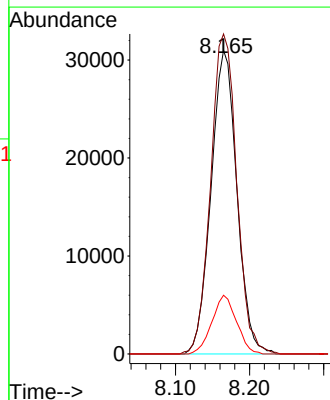
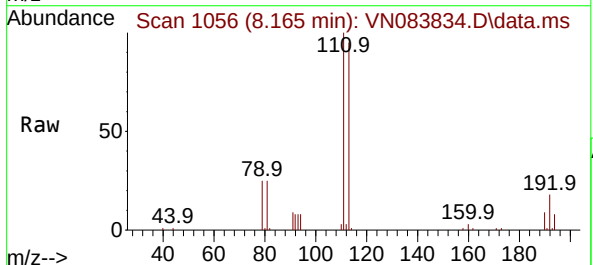
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

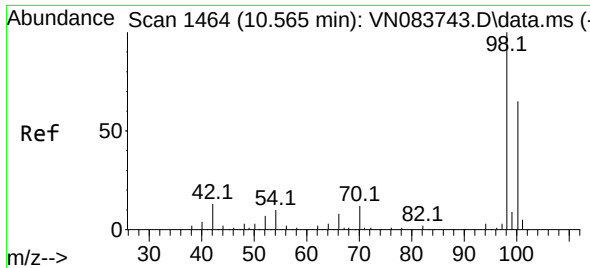
Tgt Ion:114 Resp: 252850
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.373 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

Tgt Ion:113 Resp: 75065
Ion Ratio Lower Upper
113 100
111 106.3 82.6 124.0
192 18.4 14.3 21.5

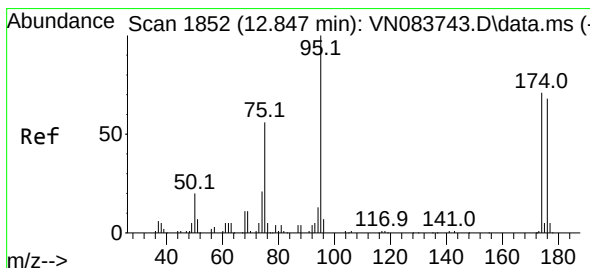
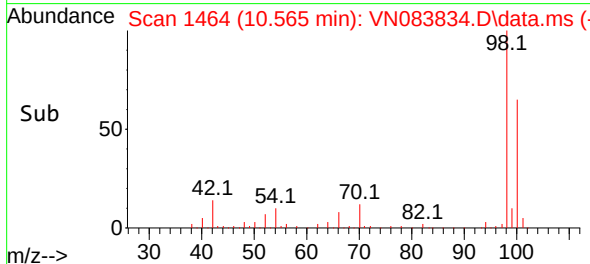
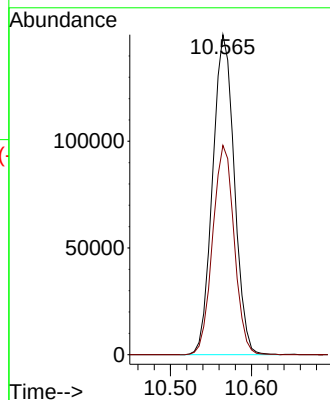
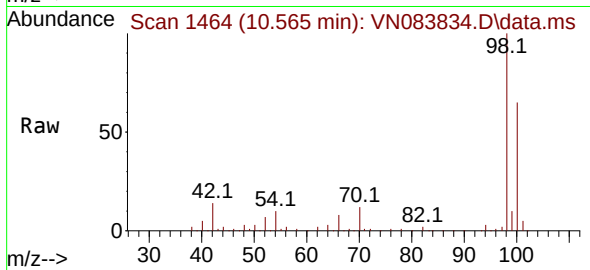




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

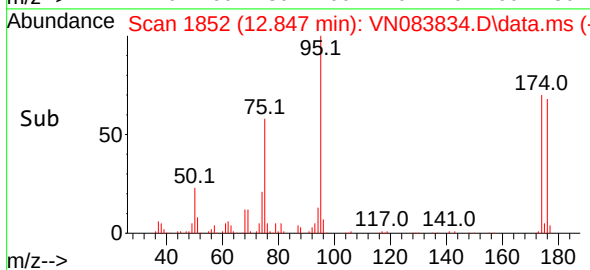
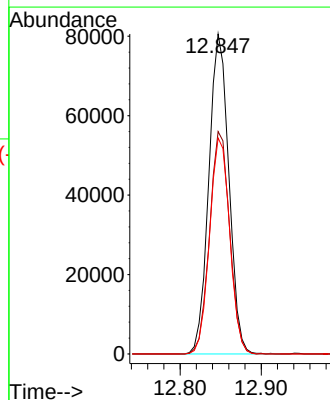
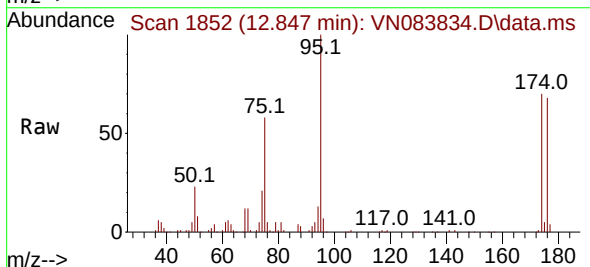
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

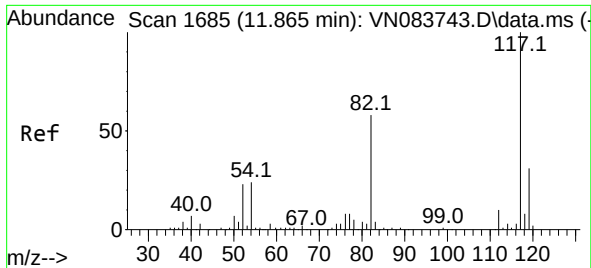
Tgt Ion: 98 Resp: 278259
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.681 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

Tgt Ion: 95 Resp: 137790
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 67.8 0.0 131.4

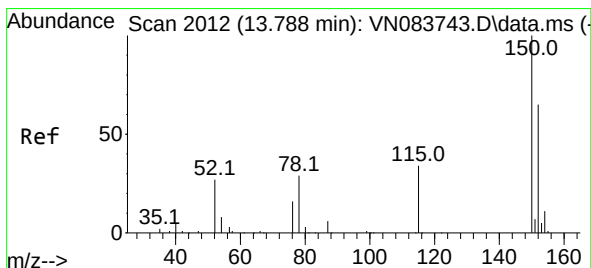
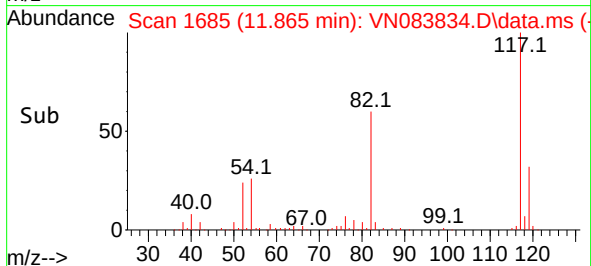
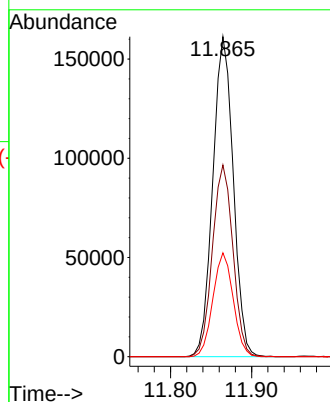
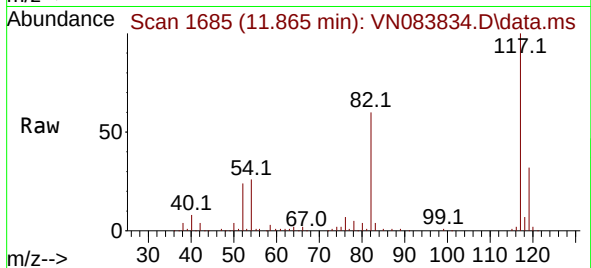




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

Tgt Ion:117 Resp: 282823
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083834.D
Acq: 12 Sep 2024 16:17

Tgt Ion:152 Resp: 142662
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 155.3 0.0 348.6

