

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083914.D
 Acq On : 16 Sep 2024 13:51
 Operator : JC\MD
 Sample : P3874-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240904

Quant Time: Sep 17 02:31:43 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	164322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126005	50.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.700%
35) Dibromofluoromethane	8.165	113	90355	50.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.565	98	332675	54.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.847	95	118181	46.632	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.260%

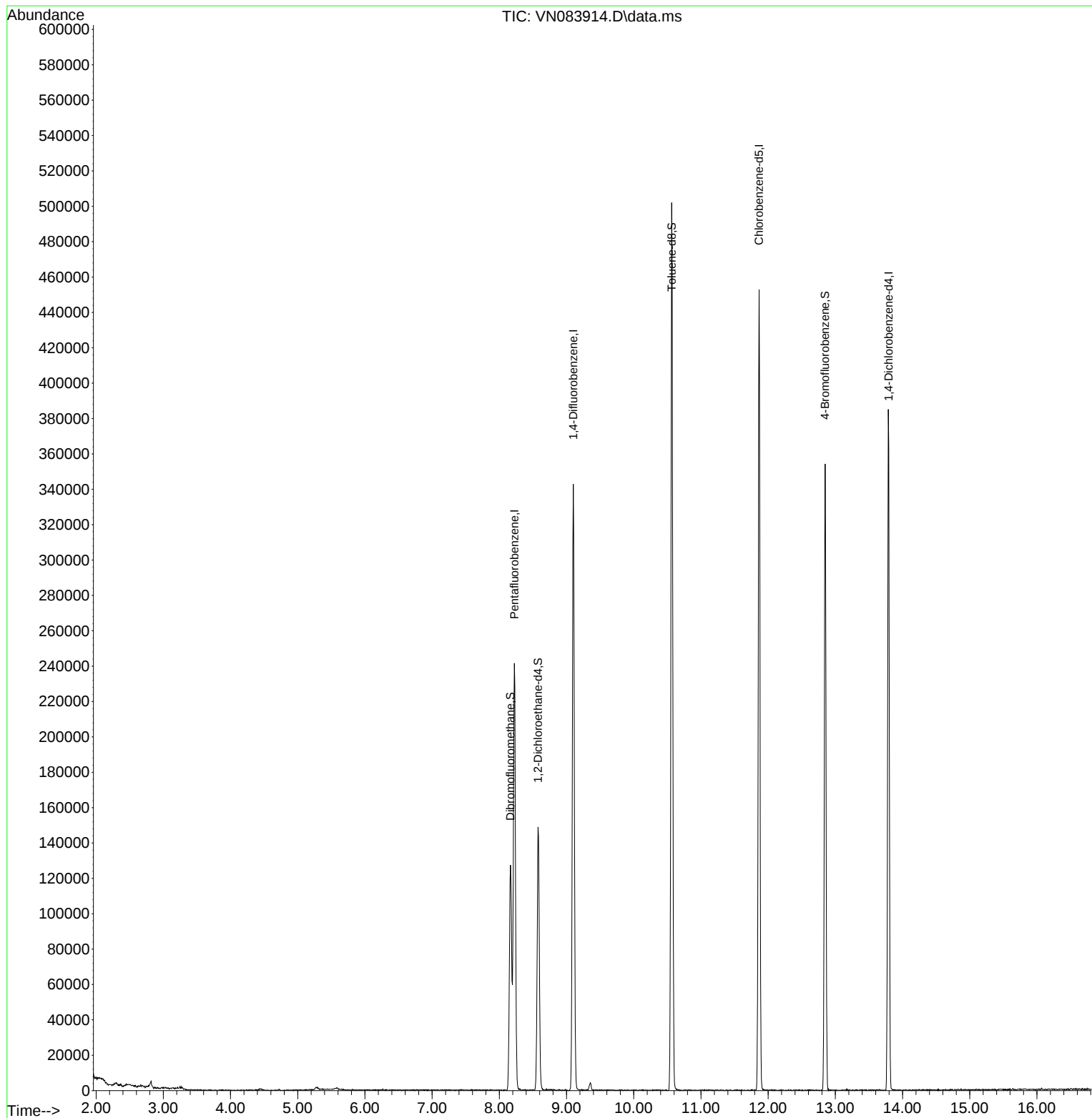
Target Compounds	Qvalue

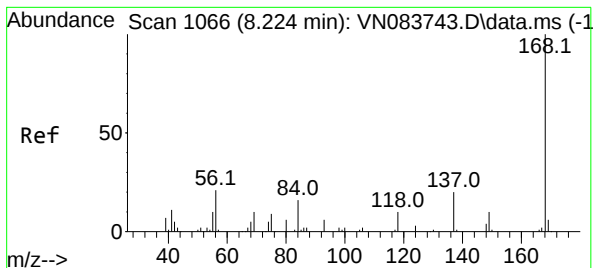
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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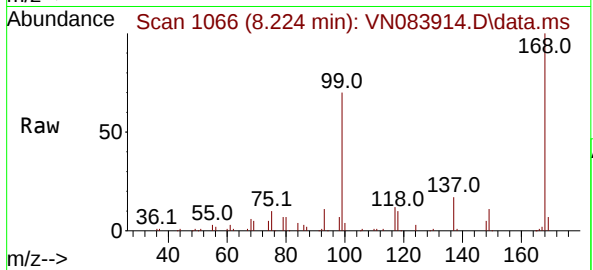
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



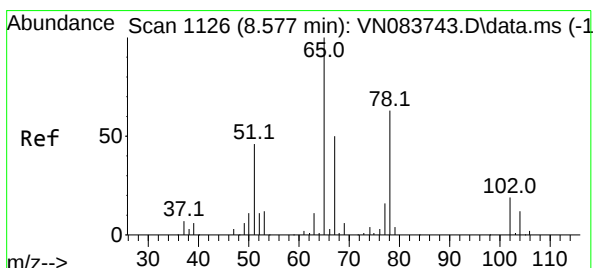
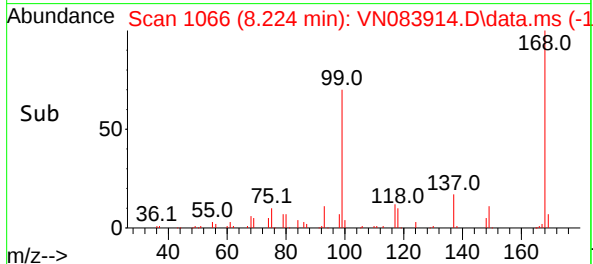
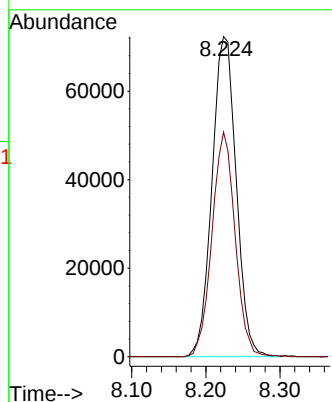


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083914.D
Acq: 16 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

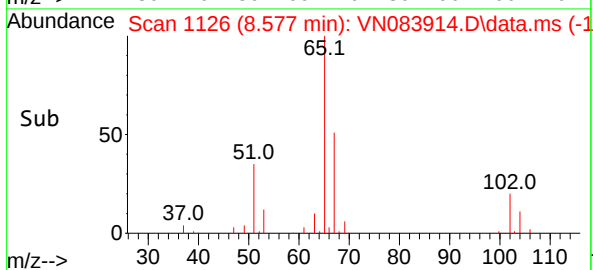
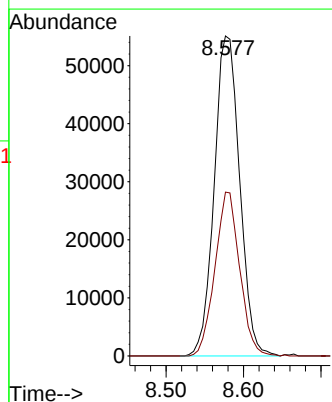
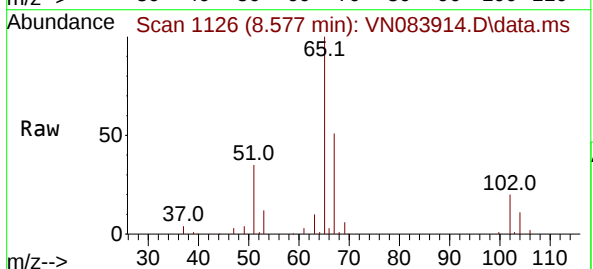


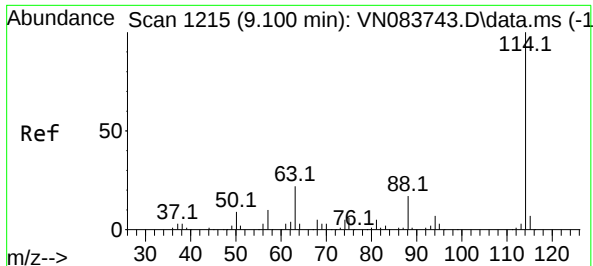
Tgt Ion:168 Resp: 164322
Ion Ratio Lower Upper
168 100
99 70.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.855 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083914.D
Acq: 16 Sep 2024 13:51

Tgt Ion: 65 Resp: 126005
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083914.D

Acq: 16 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240904

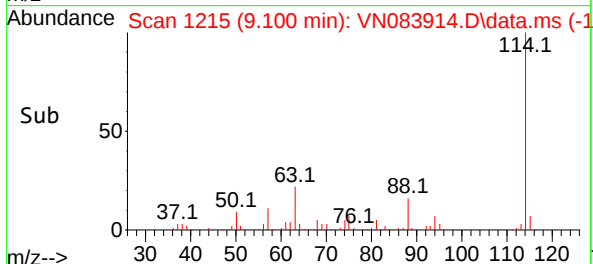
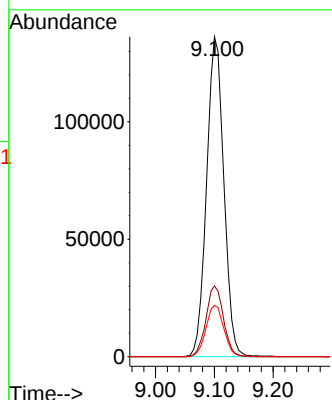
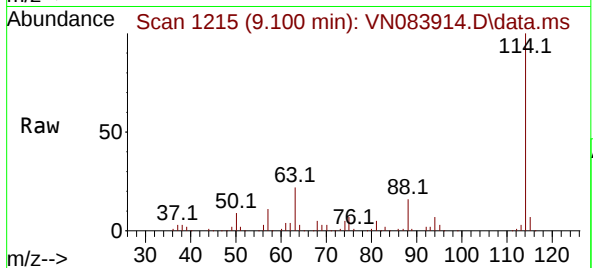
Tgt Ion:114 Resp: 277554

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.851 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083914.D

Acq: 16 Sep 2024 13:51

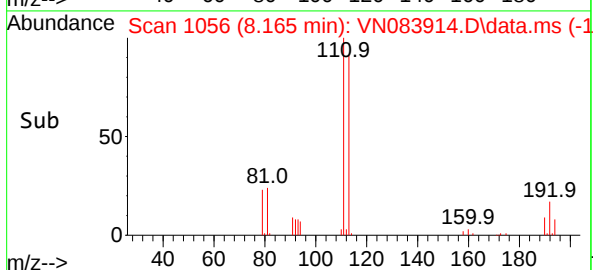
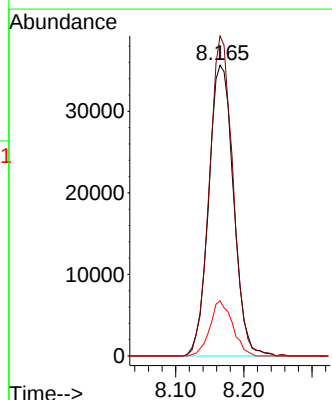
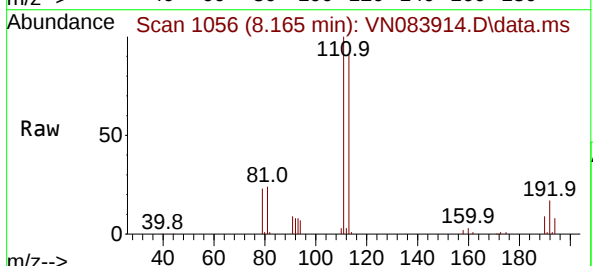
Tgt Ion:113 Resp: 90355

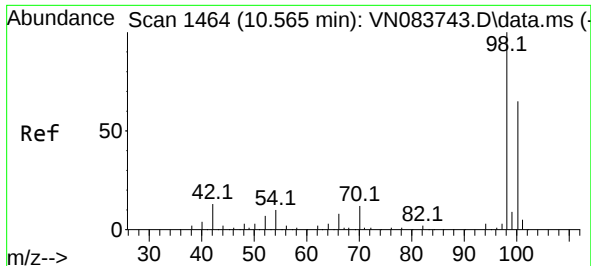
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.4 14.3 21.5

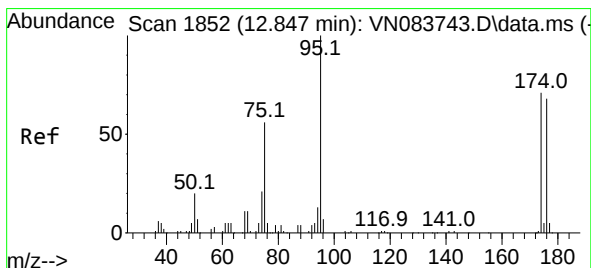
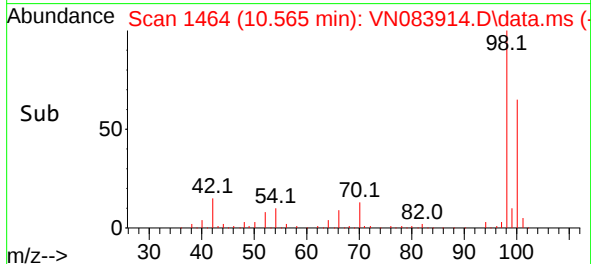
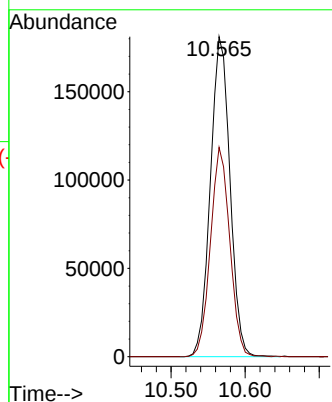
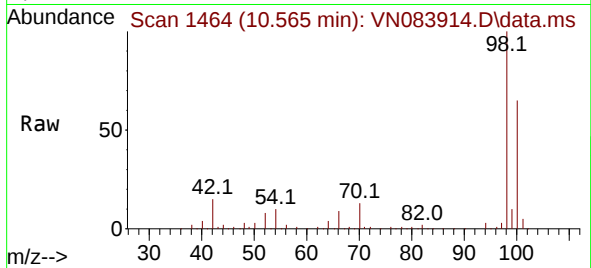




#50
Toluene-d8
Concen: 54.158 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083914.D
Acq: 16 Sep 2024 13:51

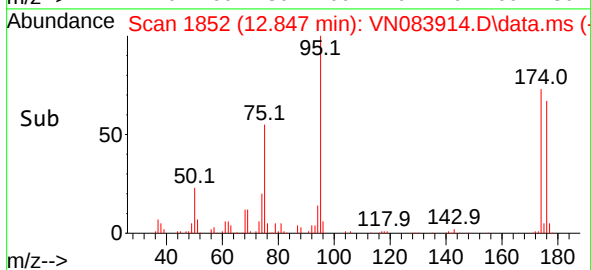
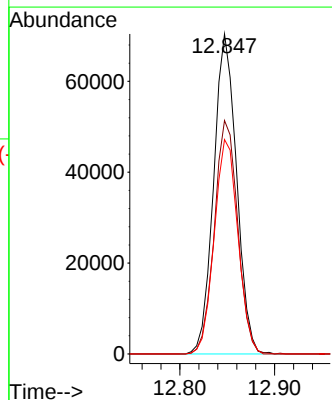
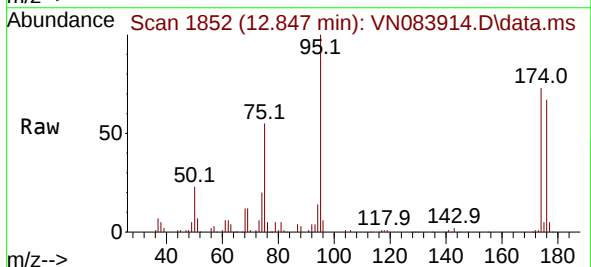
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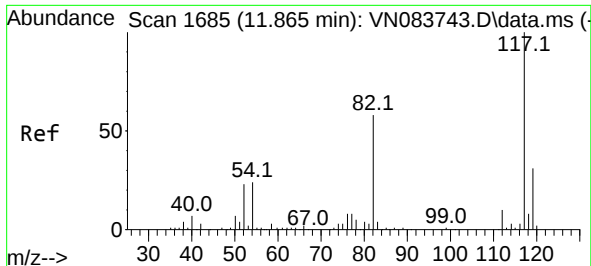
Tgt Ion: 98 Resp: 332675
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.632 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083914.D
Acq: 16 Sep 2024 13:51

Tgt Ion: 95 Resp: 118181
Ion Ratio Lower Upper
95 100
174 74.3 0.0 139.8
176 69.5 0.0 131.4

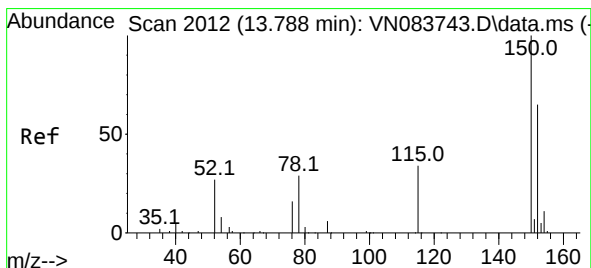
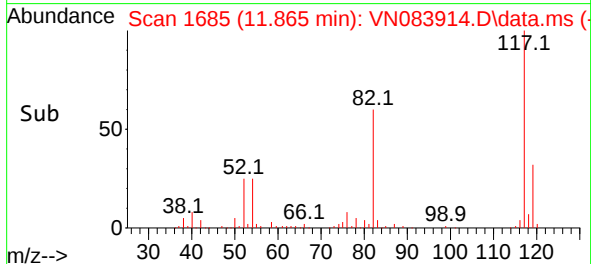
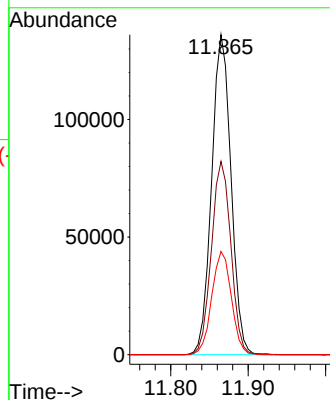
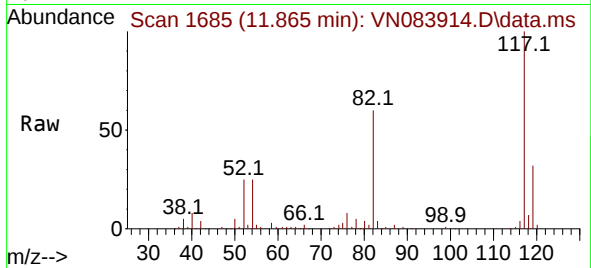




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083914.D
Acq: 16 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240904

Tgt Ion:117 Resp: 236458
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 32.2 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: VN083914.D
Acq: 16 Sep 2024 13:51

Tgt Ion:152 Resp: 96608
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 158.4 0.0 348.6

