

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080811.D
 Acq On : 30 Jan 2024 13:37
 Operator : JC\MD
 Sample : P1288-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-191-TB-20240126

Quant Time: Jan 31 02:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	89501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	81047	52.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.680%	
35) Dibromofluoromethane	8.165	113	62255	47.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	10.565	98	262861	51.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.853	95	99071	55.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.540%	

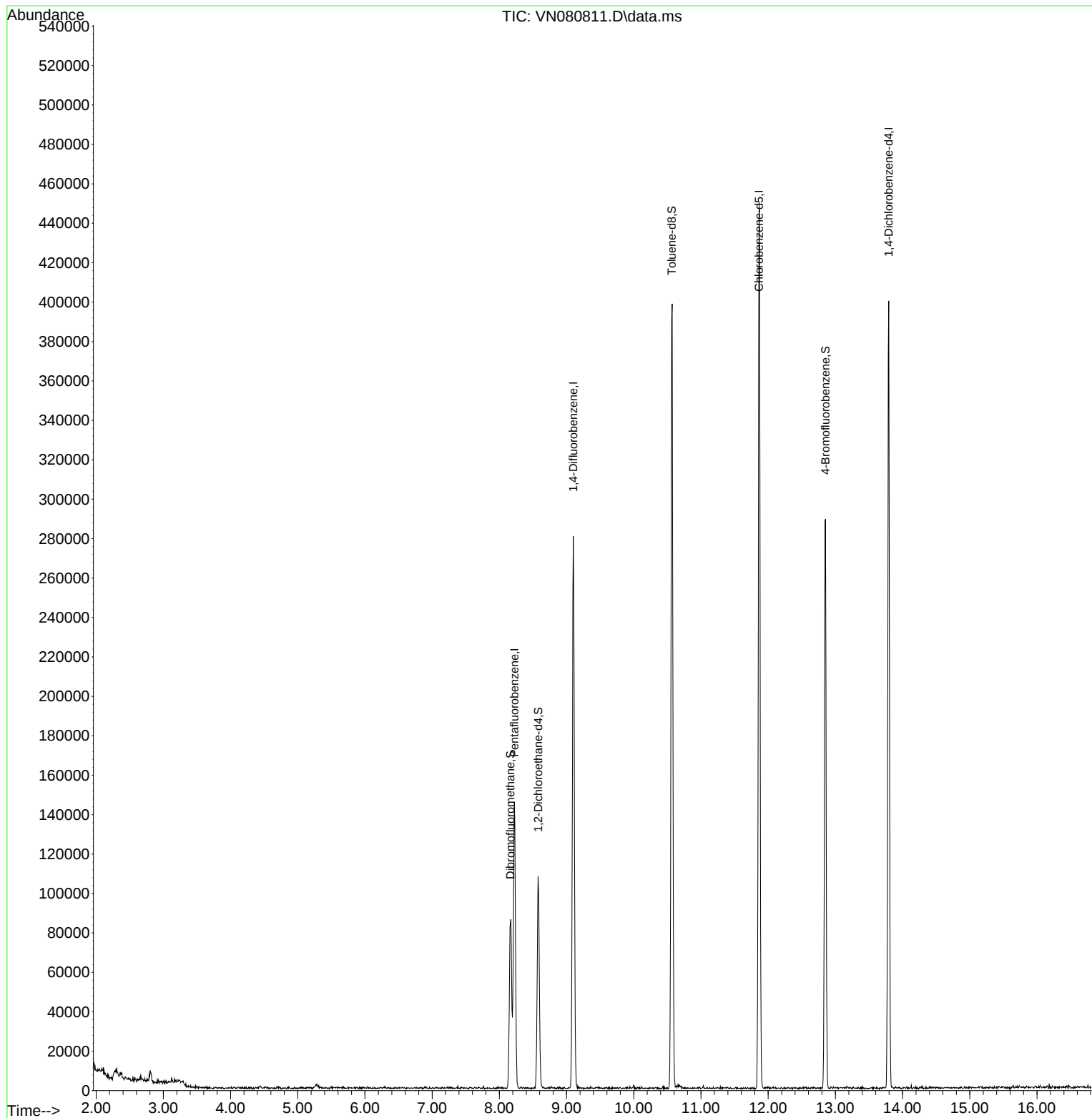
Target Compounds	Qvalue

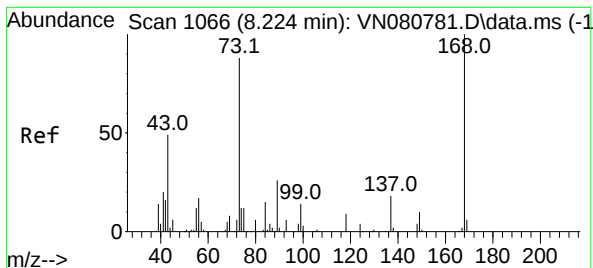
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

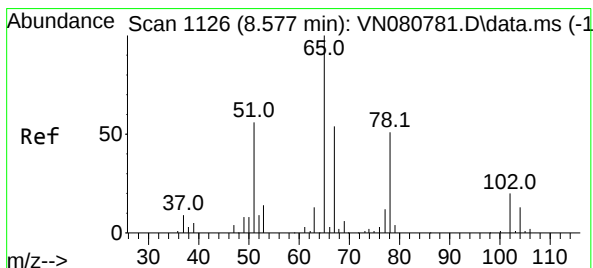
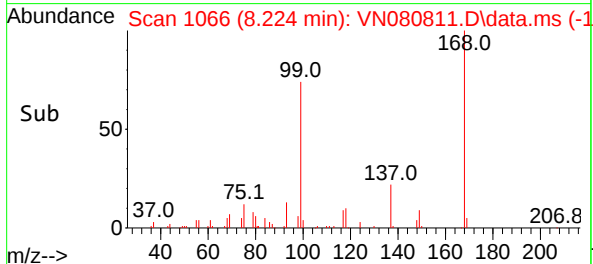
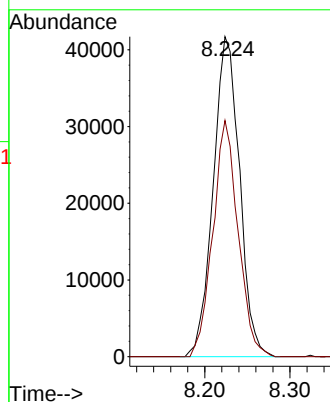
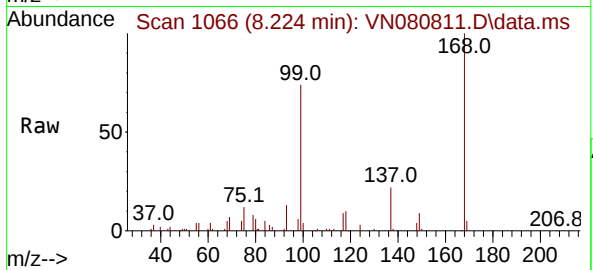
BP-VPB-191-TB-20240126

Tgt Ion:168 Resp: 89501

Ion Ratio Lower Upper

168 100

99 73.8 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 52.344 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080811.D

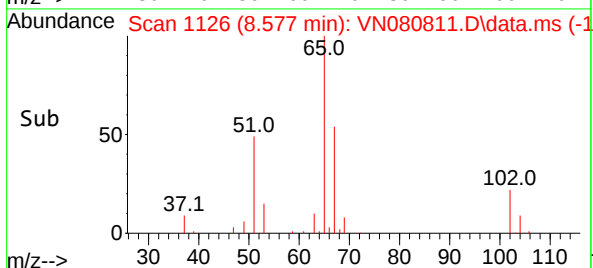
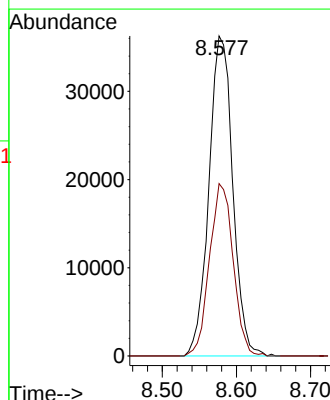
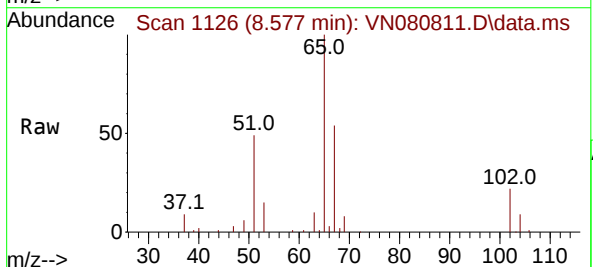
Acq: 30 Jan 2024 13:37

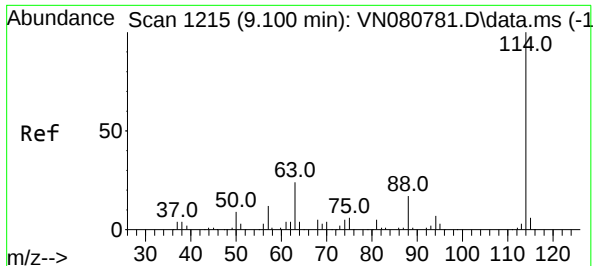
Tgt Ion: 65 Resp: 81047

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.4

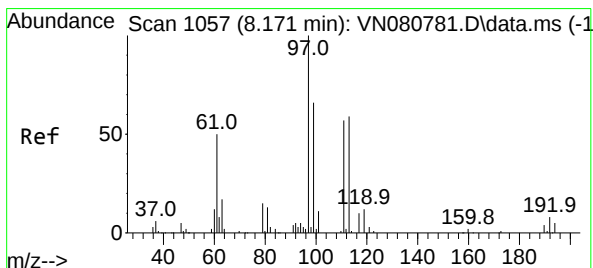
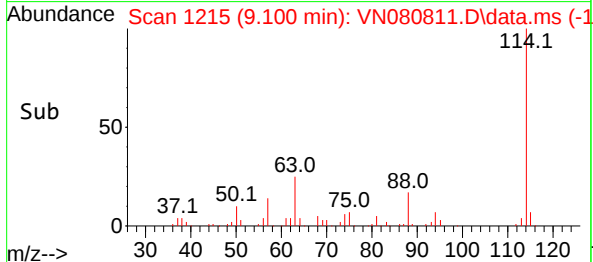
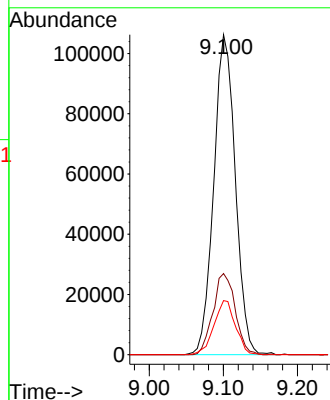
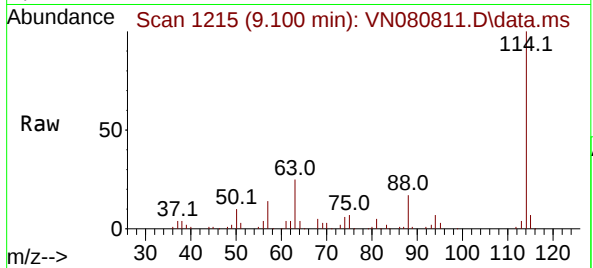




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

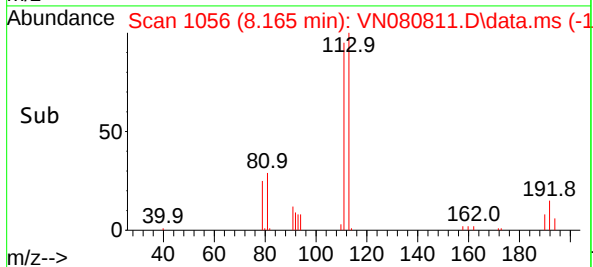
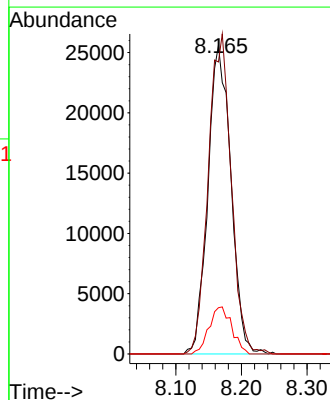
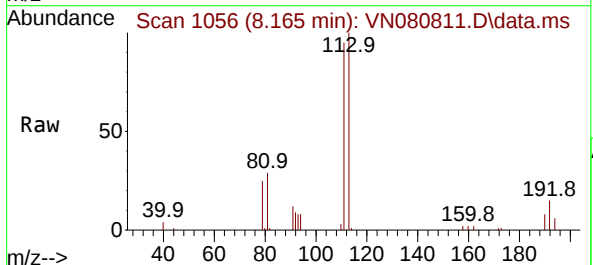
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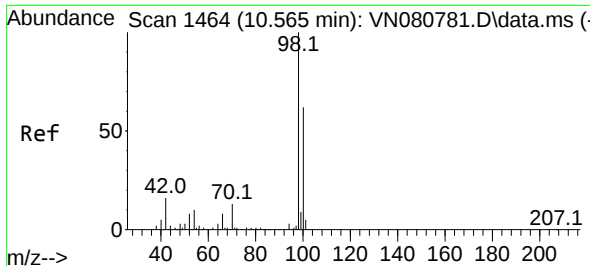
Tgt Ion:114 Resp: 214824
Ion Ratio Lower Upper
114 100
63 25.3 0.0 48.0
88 16.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.367 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

Tgt Ion:113 Resp: 62255
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 15.1 12.5 18.7

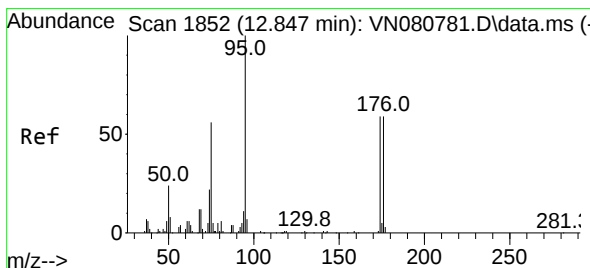
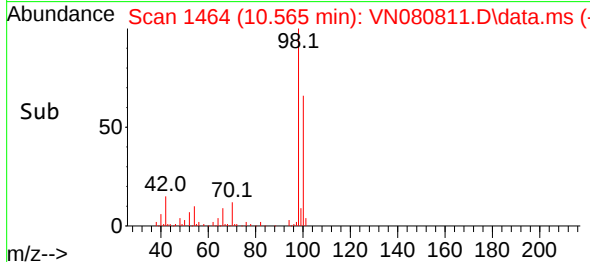
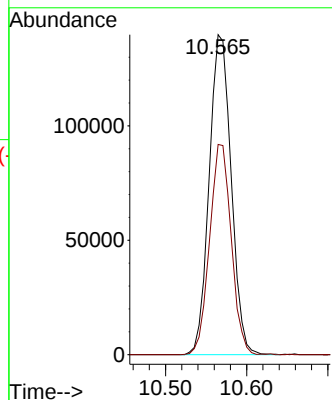
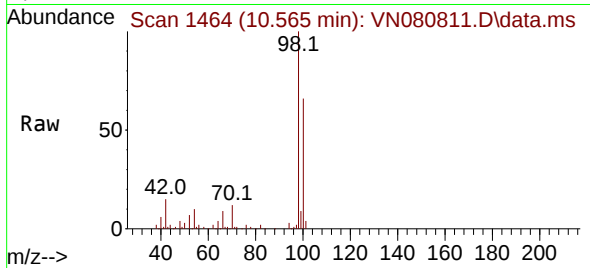




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

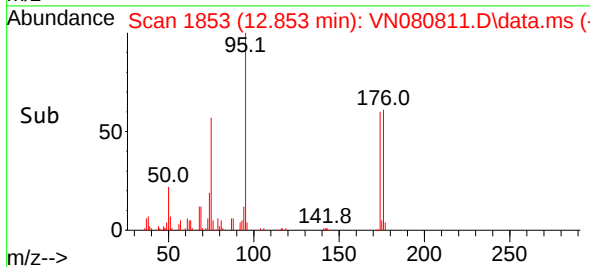
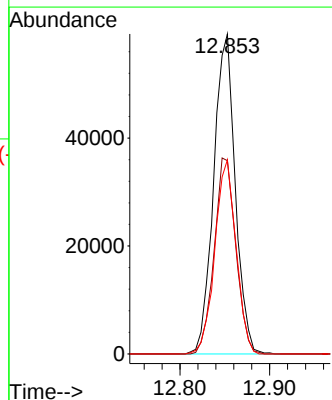
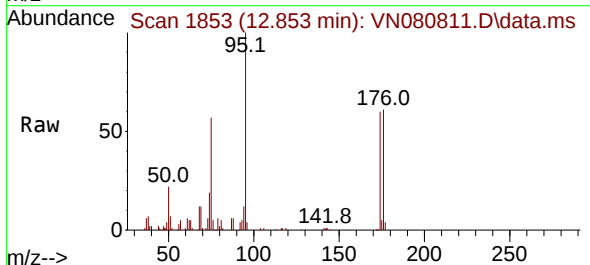
Instrument :
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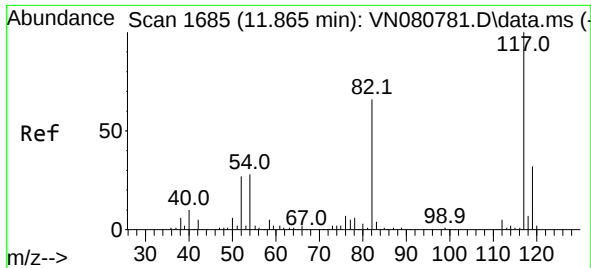
Tgt Ion: 98 Resp: 262861
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.267 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

Tgt Ion: 95 Resp: 99071
Ion Ratio Lower Upper
95 100
174 61.3 0.0 120.4
176 59.6 0.0 121.0

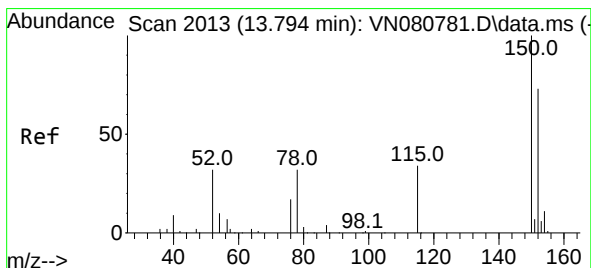
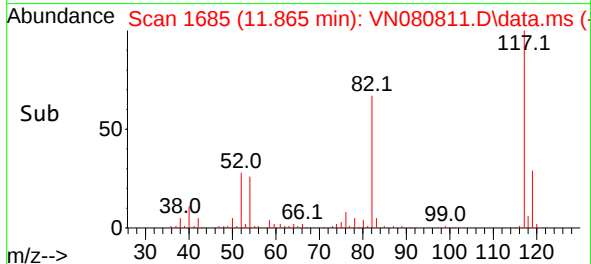
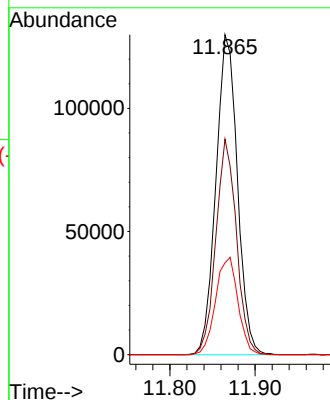
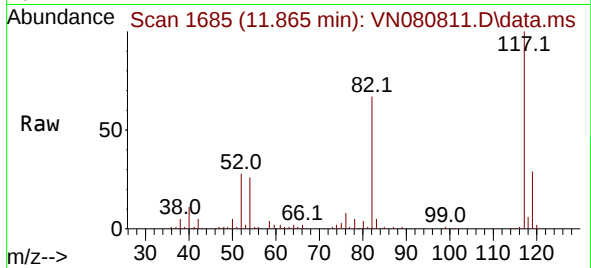




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-TB-20240126

Tgt Ion:117 Resp: 227767
Ion Ratio Lower Upper
117 100
82 67.4 52.7 79.1
119 28.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080811.D
Acq: 30 Jan 2024 13:37

Tgt Ion:152 Resp: 88622
Ion Ratio Lower Upper
152 100
115 68.5 32.3 96.8
150 156.9 0.0 339.8

