

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077902.D
 Acq On : 25 May 2023 15:14
 Operator : JC\MD
 Sample : 02944-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-TB-20230519

Quant Time: May 26 04:32:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	441791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	801295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	689781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	289142	43.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.480%
35) Dibromofluoromethane	8.177	113	252592	48.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.571	98	976492	48.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.859	95	313694	44.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.320%

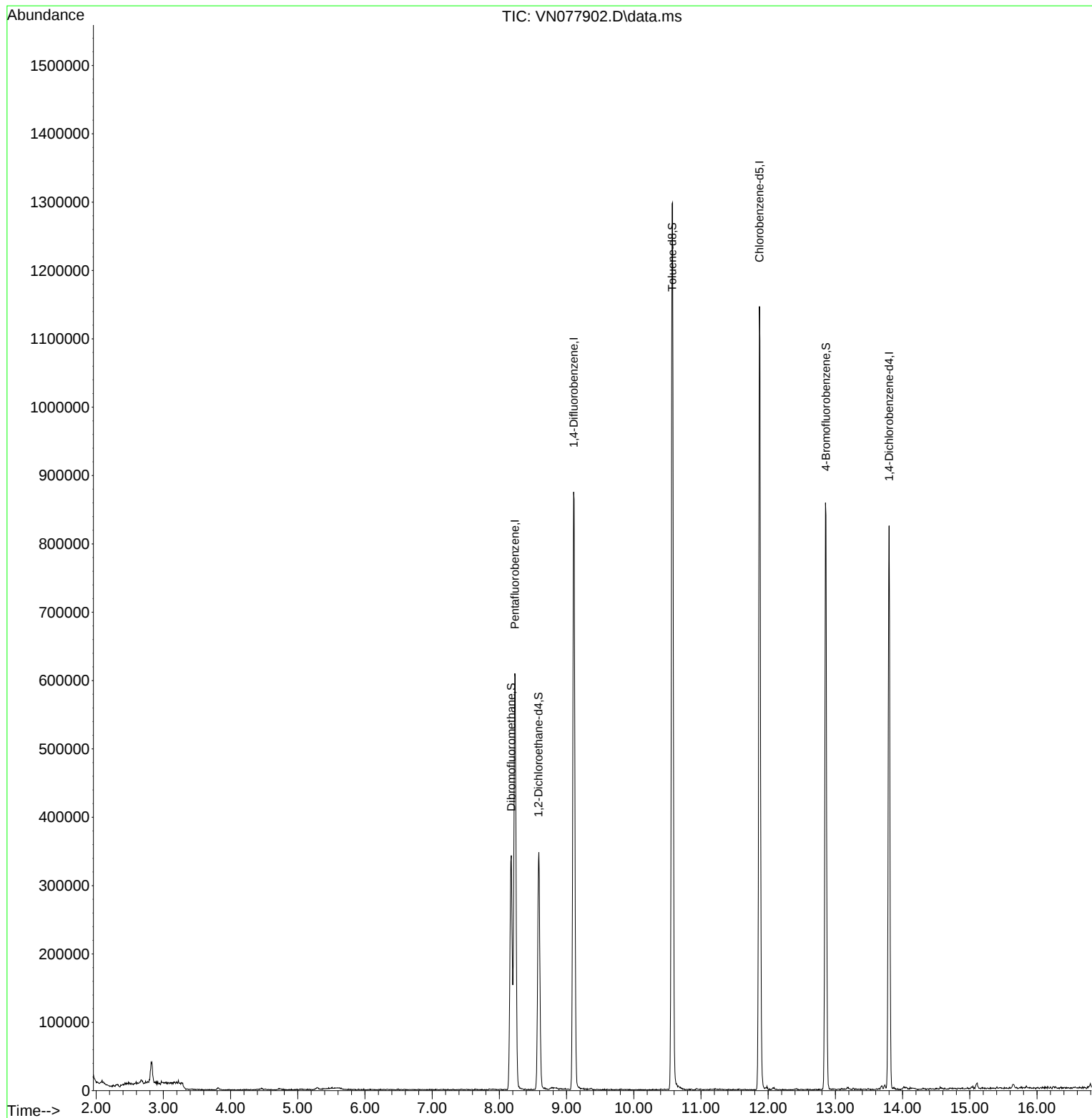
Target Compounds	Qvalue

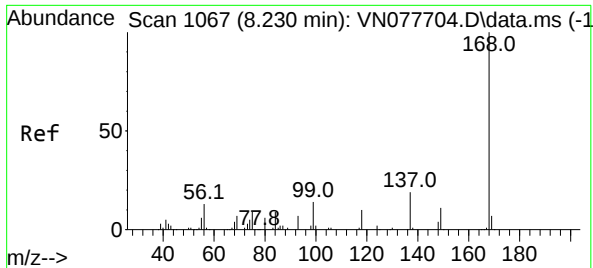
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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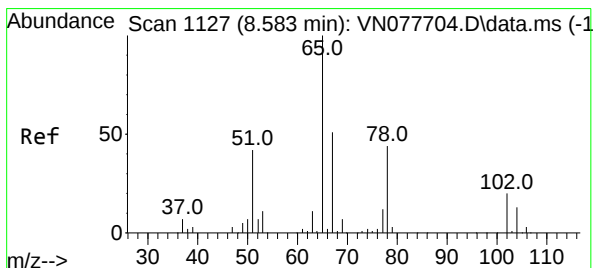
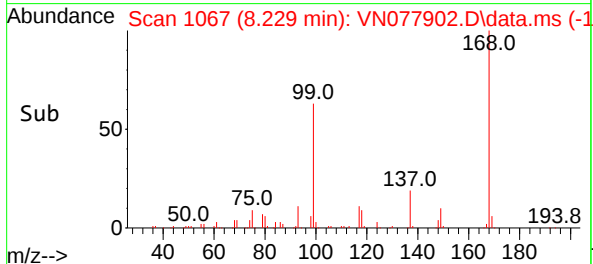
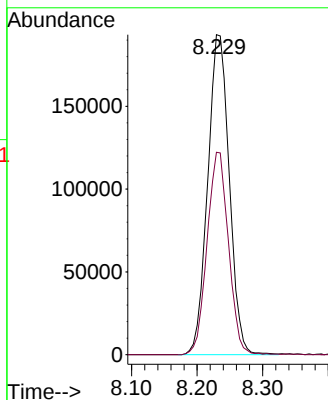
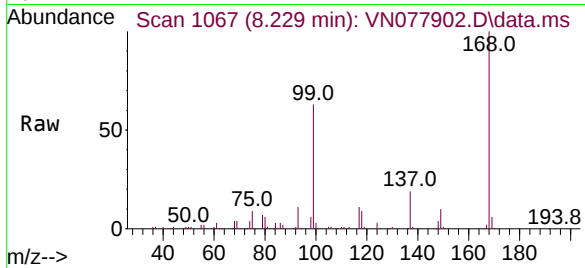




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

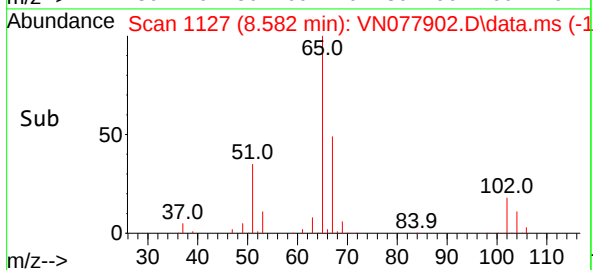
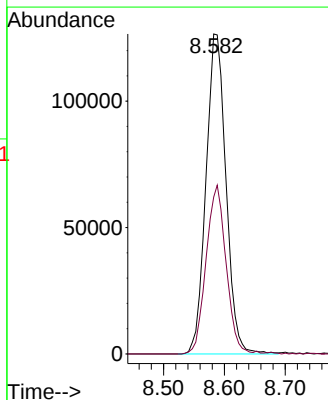
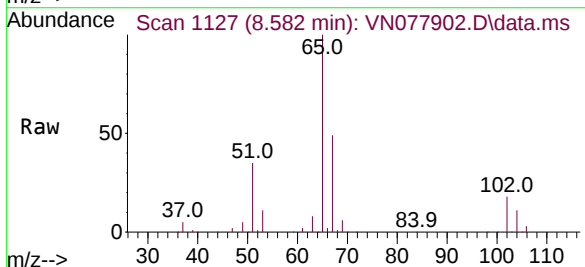
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-20230519

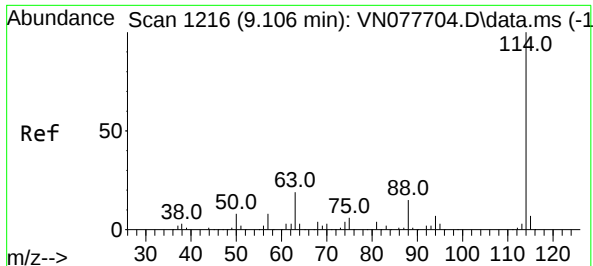
Tgt Ion:168 Resp: 441791
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.741 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

Tgt Ion: 65 Resp: 289142
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077902.D

Acq: 25 May 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-TB-20230519

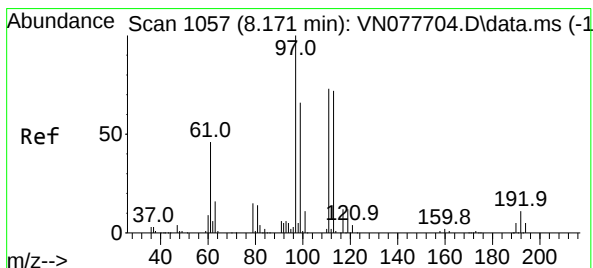
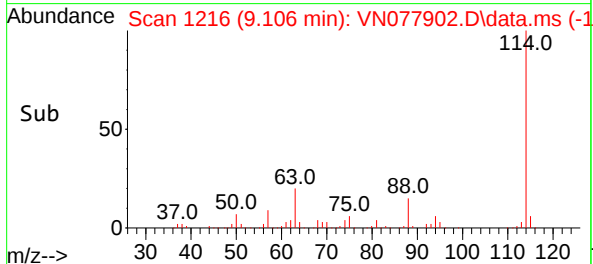
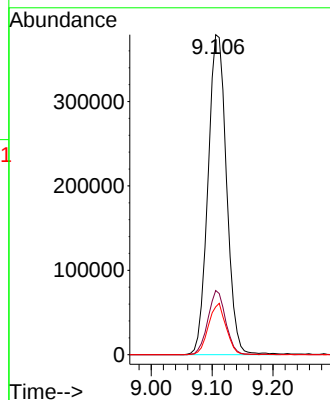
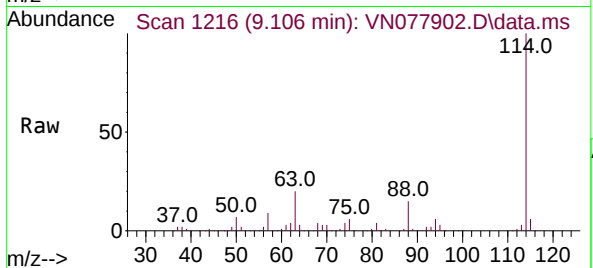
Tgt Ion:114 Resp: 801295

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.342 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077902.D

Acq: 25 May 2023 15:14

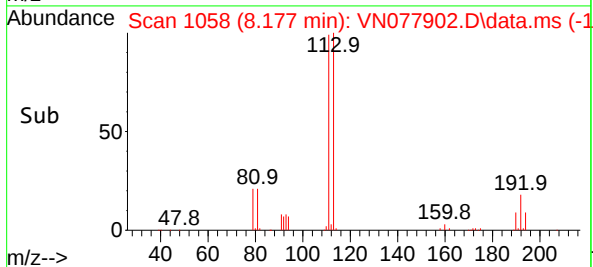
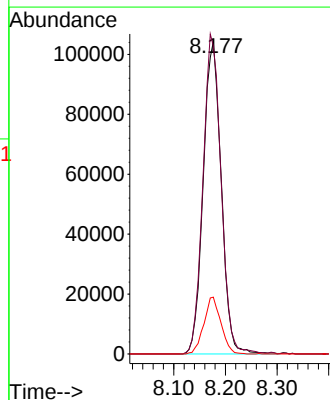
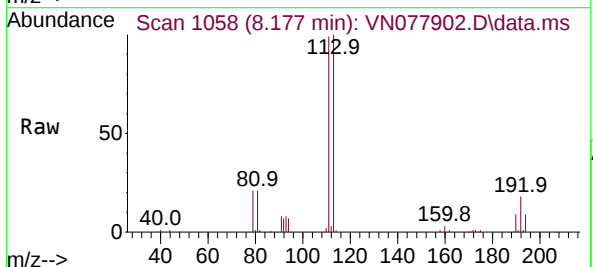
Tgt Ion:113 Resp: 252592

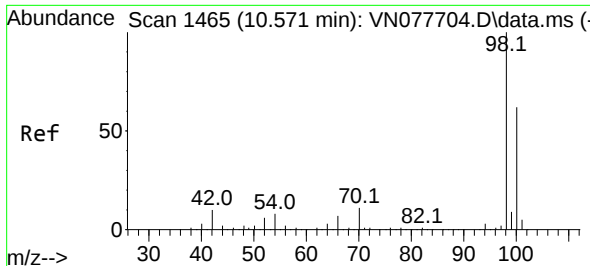
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.2 12.7 19.1

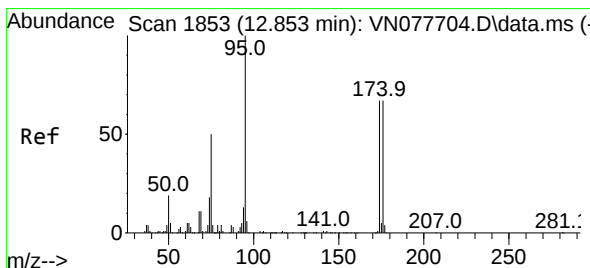
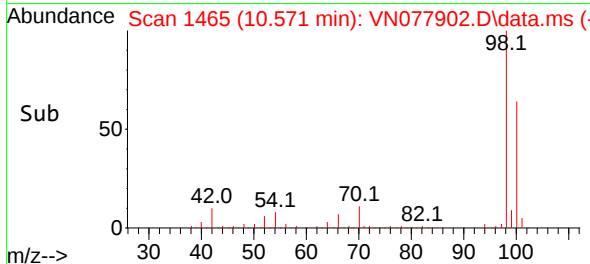
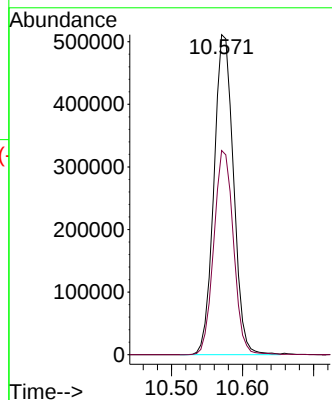
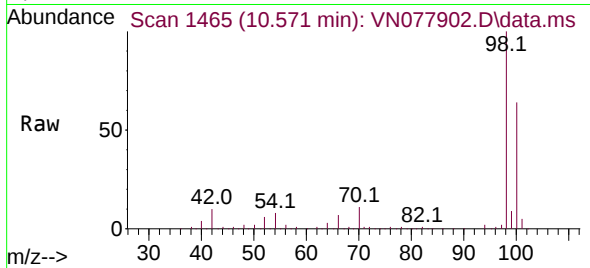




#50
Toluene-d8
Concen: 48.553 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

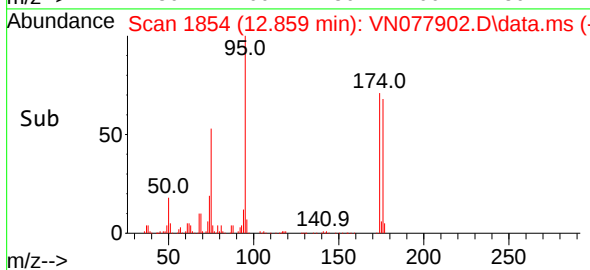
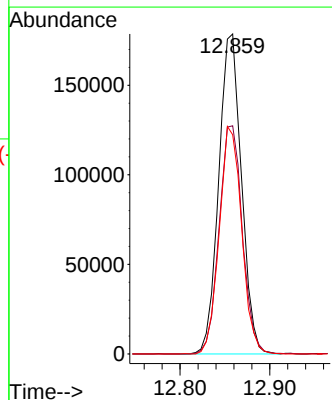
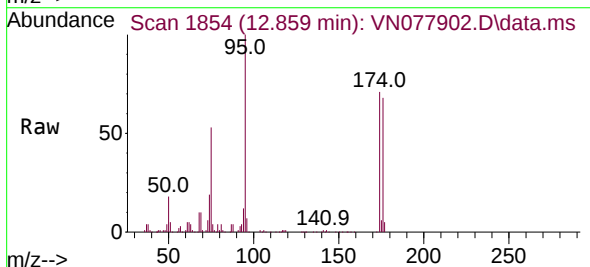
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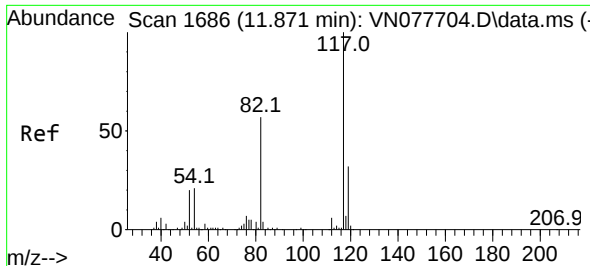
Tgt Ion: 98 Resp: 976492
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.163 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

Tgt Ion: 95 Resp: 313694
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 70.1 0.0 135.8

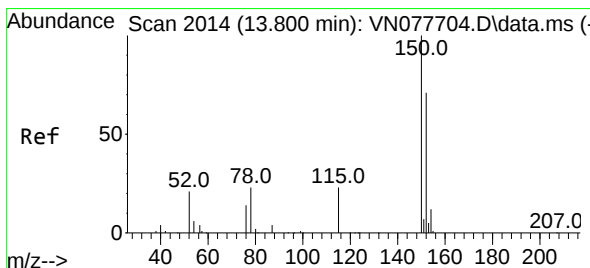
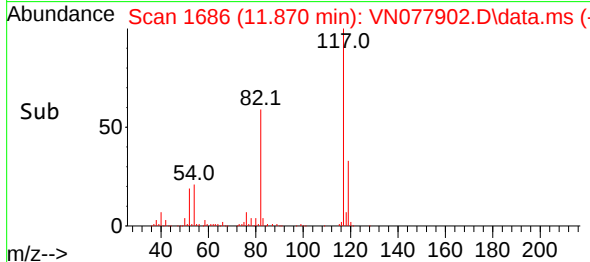
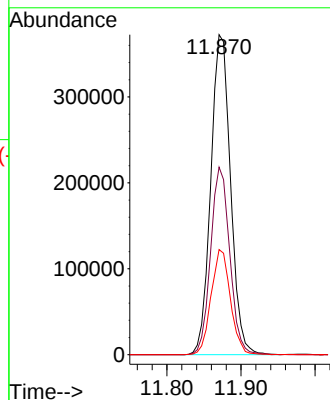
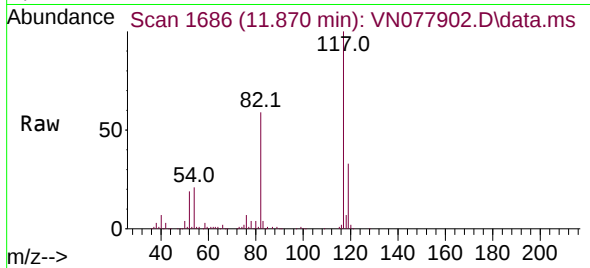




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-20230519

Tgt Ion:117 Resp: 689781
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077902.D
Acq: 25 May 2023 15:14

Tgt Ion:152 Resp: 225325
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 155.4 0.0 355.8

