

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077910.D
 Acq On : 25 May 2023 18:26
 Operator : JC\MD
 Sample : 02944-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-478-480

Quant Time: May 26 04:36:35 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	8.236	168	397582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	639705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	276231	46.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.860%
35) Dibromofluoromethane	8.171	113	227713	47.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.571	98	898207	48.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.853	95	293908	45.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%

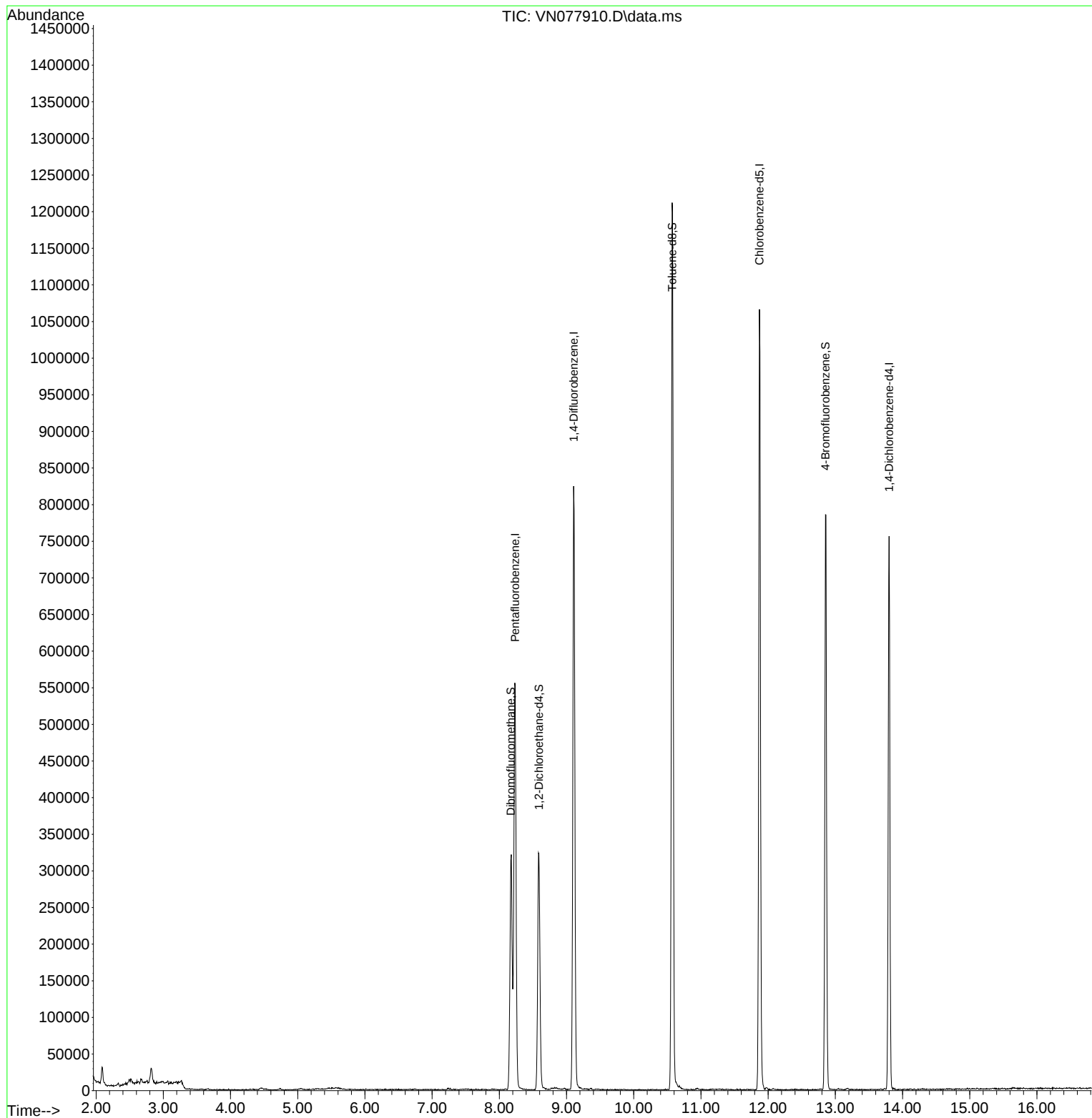
Target Compounds	Qvalue

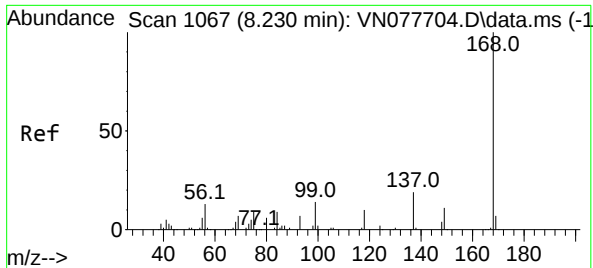
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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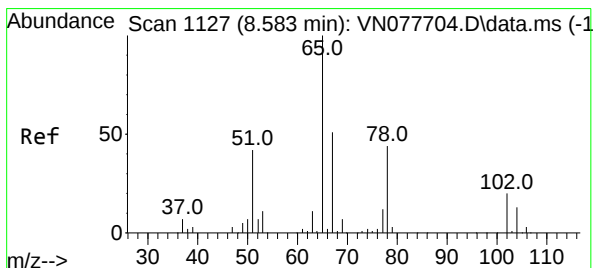
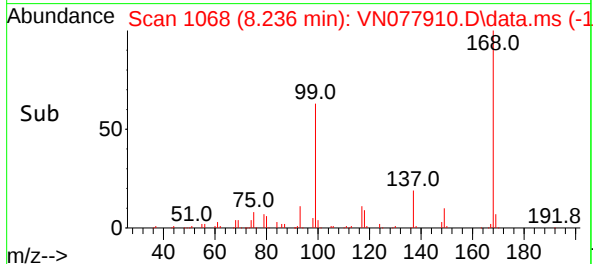
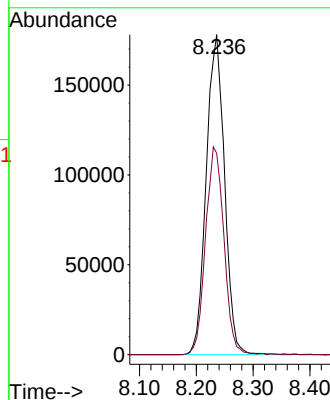
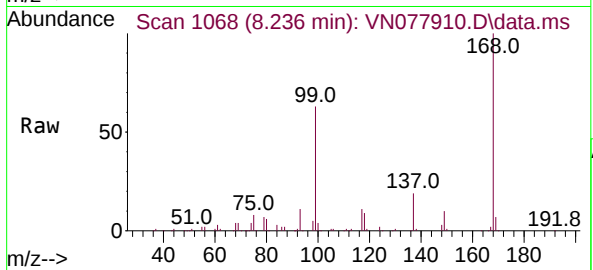




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077910.D
Acq: 25 May 2023 18:26

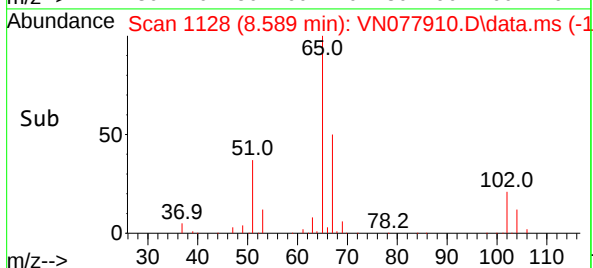
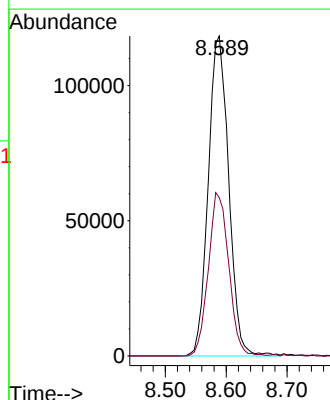
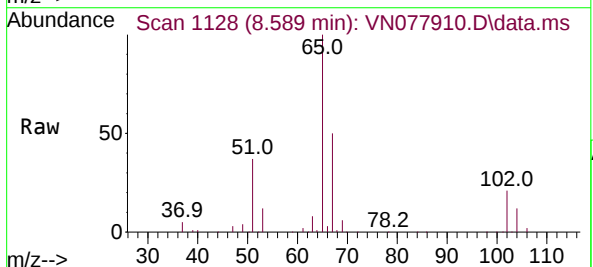
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

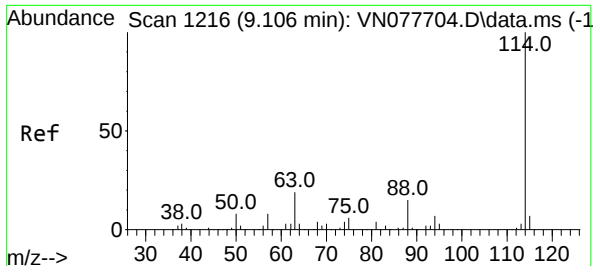
Tgt Ion:168 Resp: 397582
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.434 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077910.D
Acq: 25 May 2023 18:26

Tgt Ion: 65 Resp: 276231
Ion Ratio Lower Upper
65 100
67 50.9 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: VN077910.D

Acq: 25 May 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-478-480

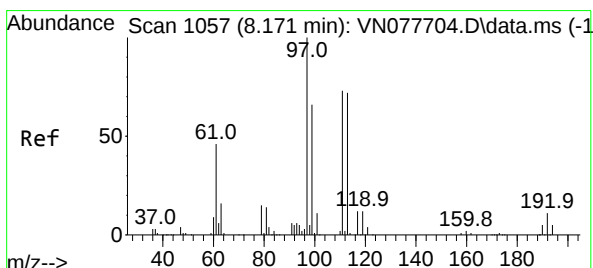
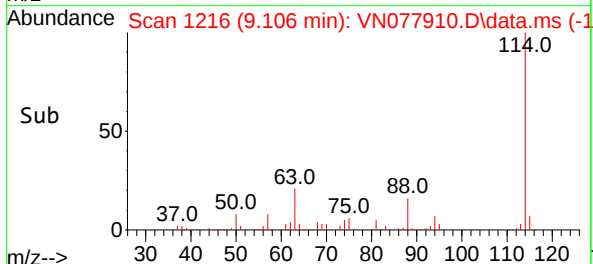
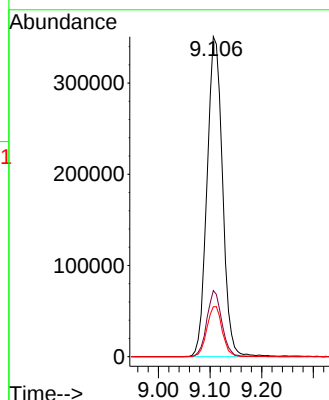
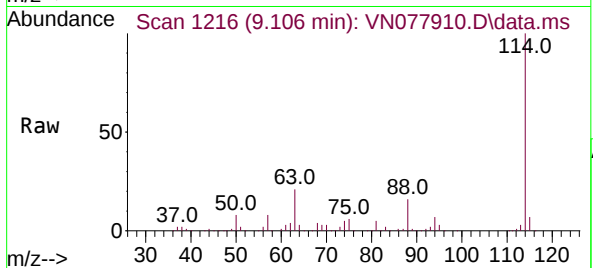
Tgt Ion:114 Resp: 730705

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.790 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN077910.D

Acq: 25 May 2023 18:26

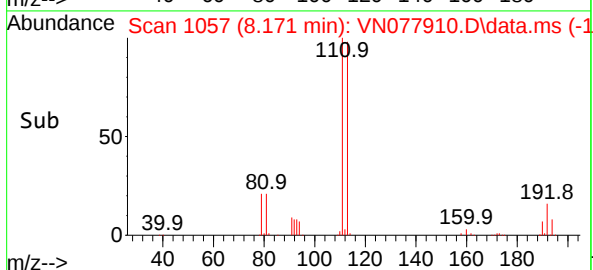
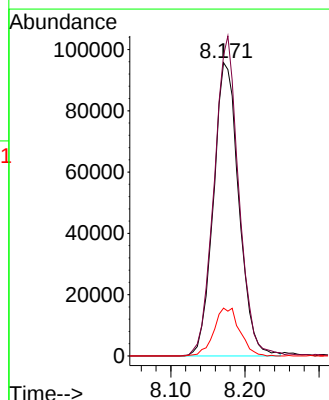
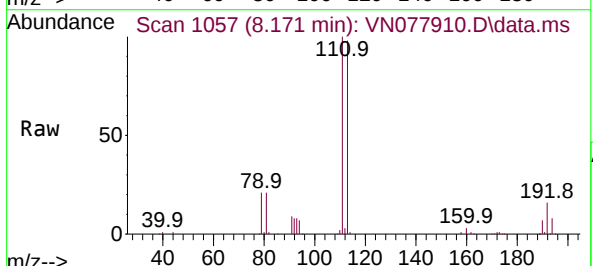
Tgt Ion:113 Resp: 227713

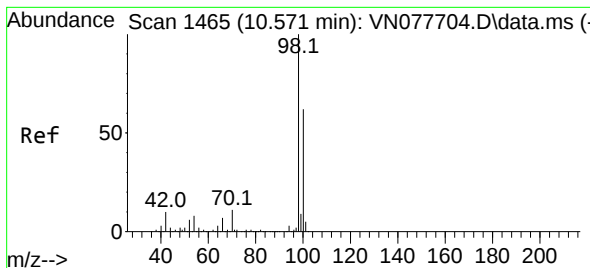
Ion Ratio Lower Upper

113 100

111 106.5 82.6 123.8

192 16.6 12.7 19.1





#50

Toluene-d8

Concen: 48.975 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077910.D

Acq: 25 May 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

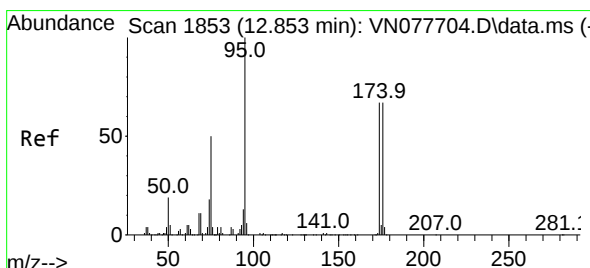
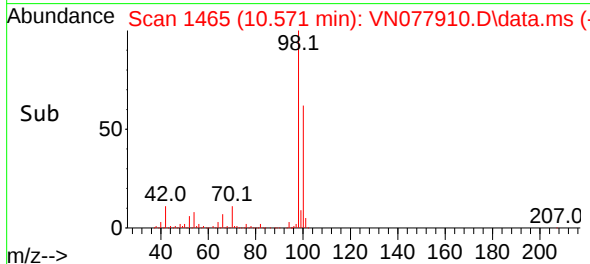
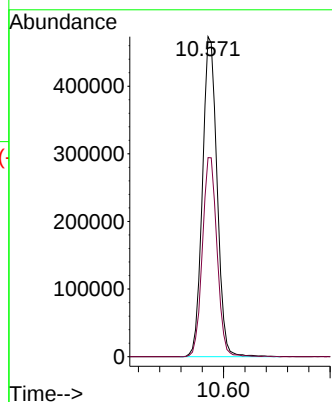
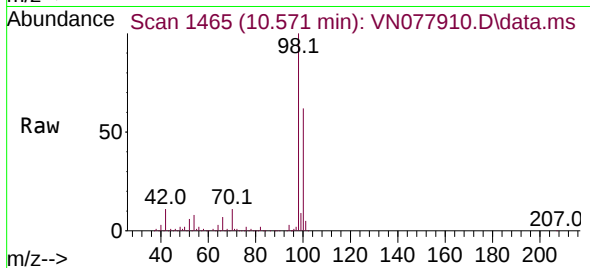
BP-VPB-RW11-GW-478-480

Tgt Ion: 98 Resp: 898207

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.374 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN077910.D

Acq: 25 May 2023 18:26

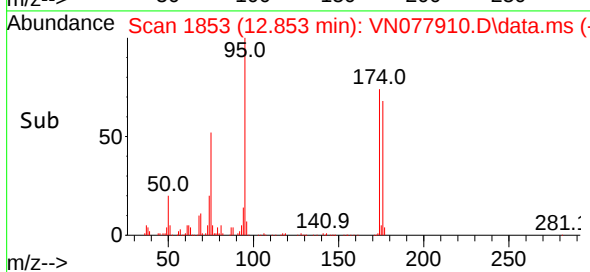
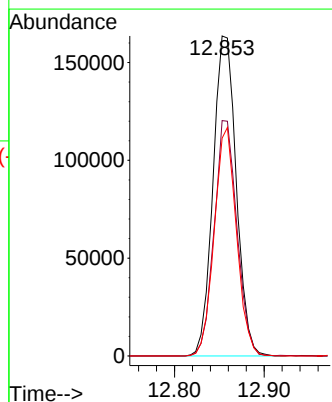
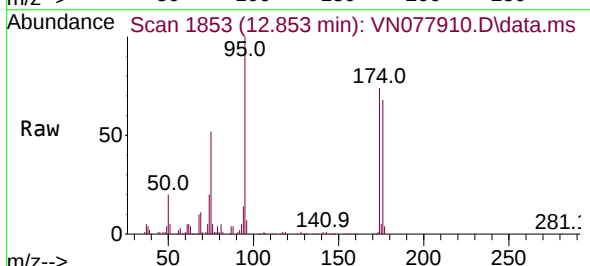
Tgt Ion: 95 Resp: 293908

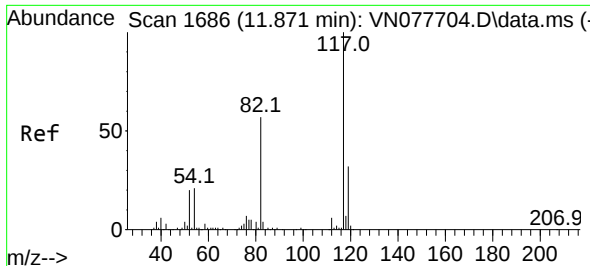
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.8

176 68.3 0.0 135.8

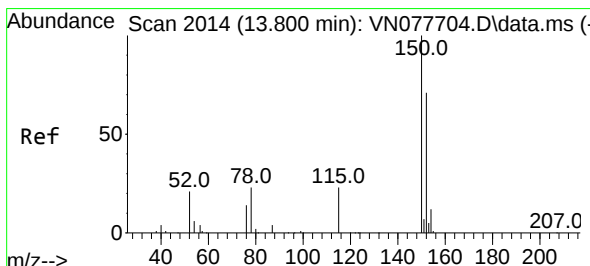
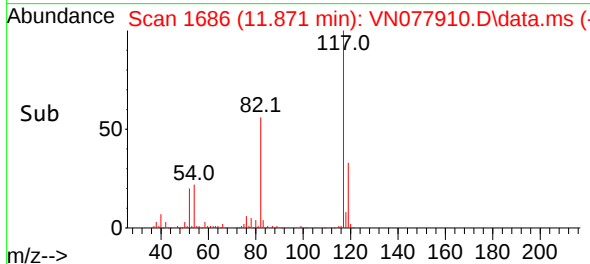
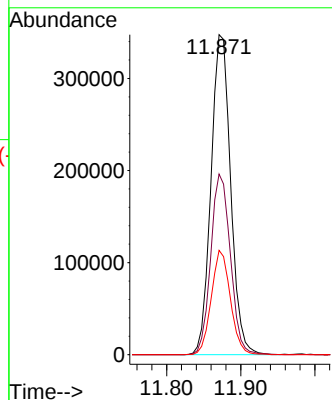
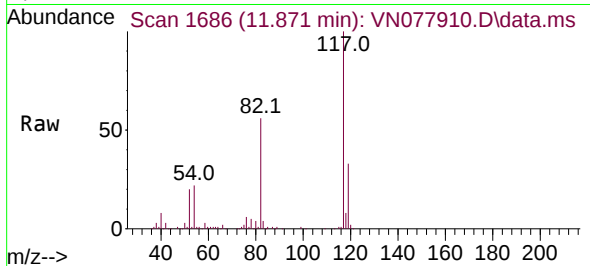




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077910.D
Acq: 25 May 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-478-480

Tgt Ion:117 Resp: 639705
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.6 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: VN077910.D
Acq: 25 May 2023 18:26

Tgt Ion:152 Resp: 203186
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 156.9 0.0 355.8

