

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080056.D
 Acq On : 13 Nov 2023 11:07
 Operator : JC\MD
 Sample : VN1113WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBL01

Quant Time: Nov 14 19:22:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	204258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	433258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173185	55.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.300%
35) Dibromofluoromethane	8.165	113	141203	51.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.280%
50) Toluene-d8	10.571	98	518553	51.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	209778	62.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.460%#

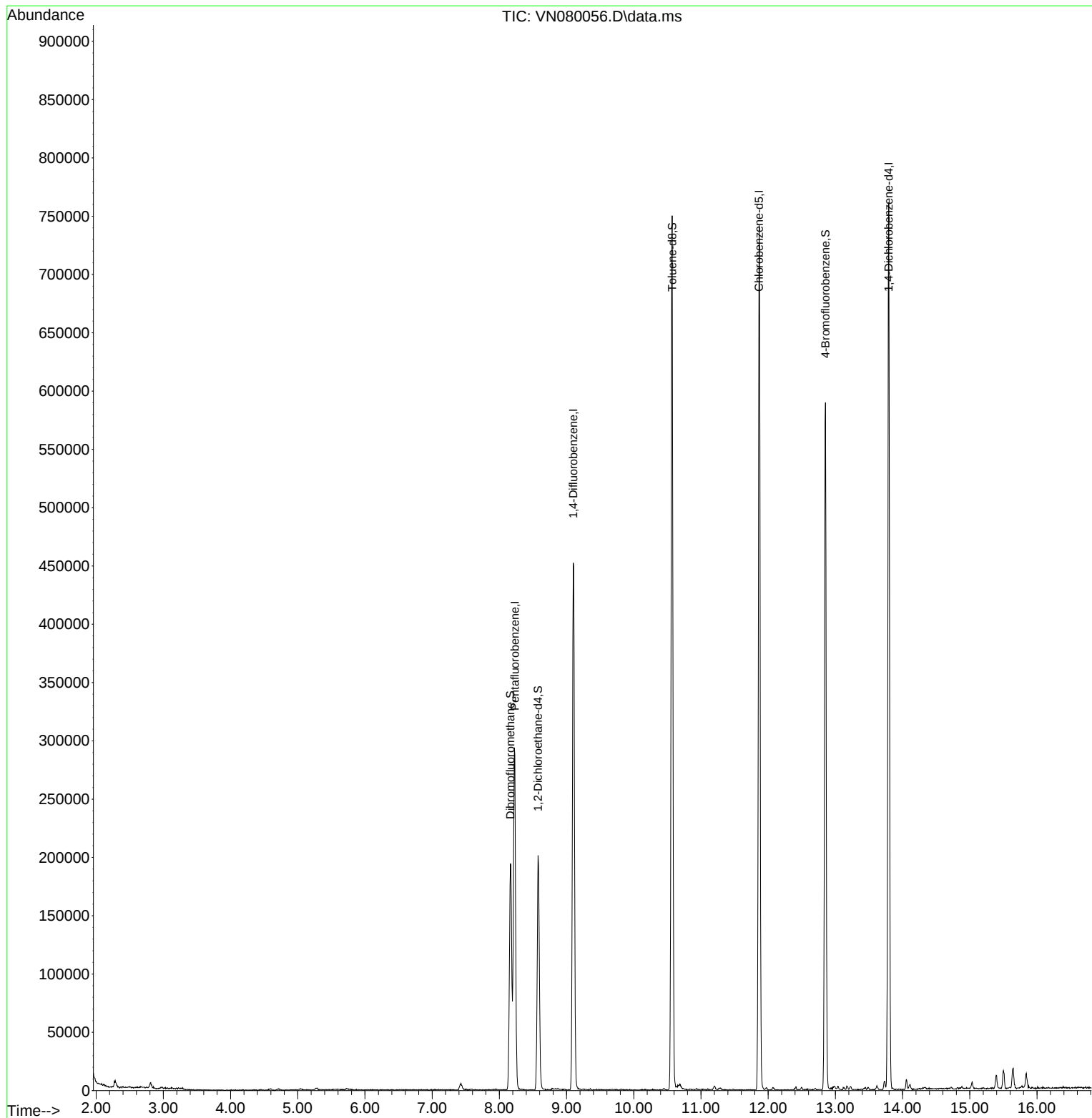
Target Compounds	Qvalue

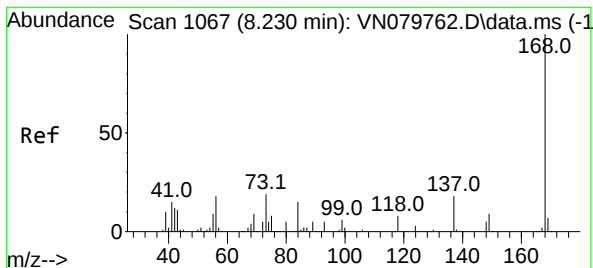
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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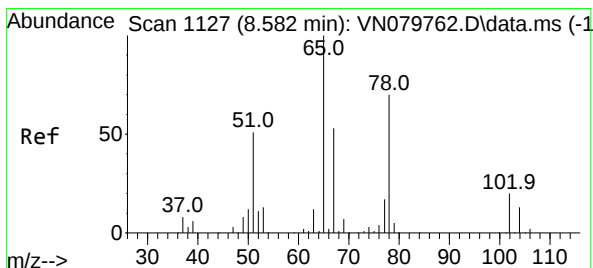
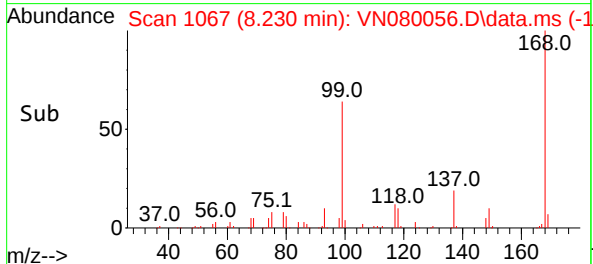
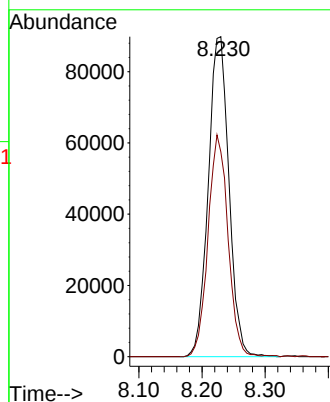
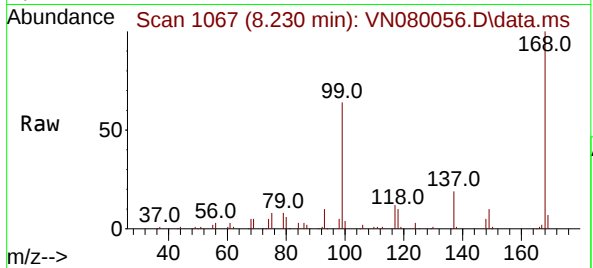




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

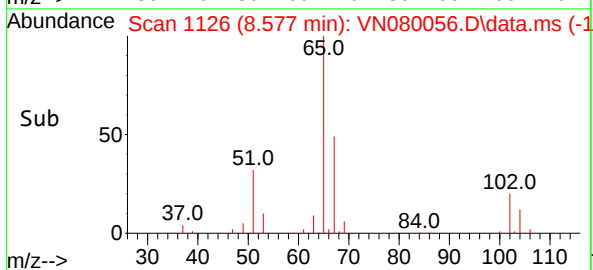
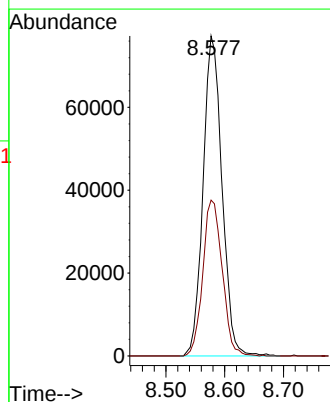
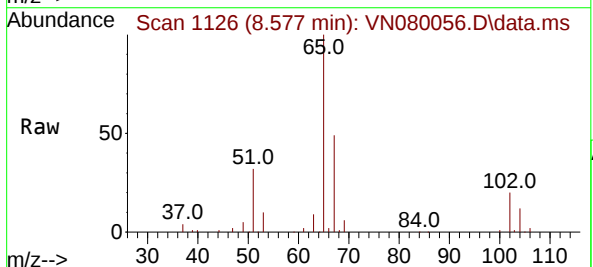
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBL01

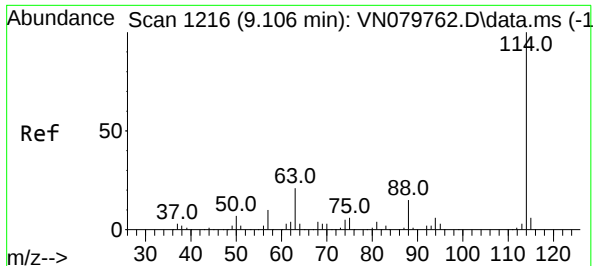
Tgt Ion:168 Resp: 204258
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.652 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

Tgt Ion: 65 Resp: 173185
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080056.D

Acq: 13 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBL01

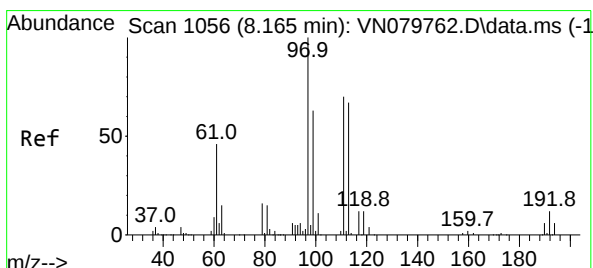
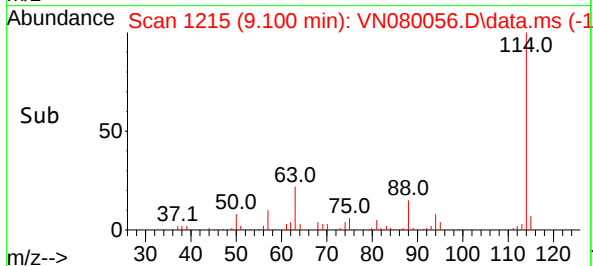
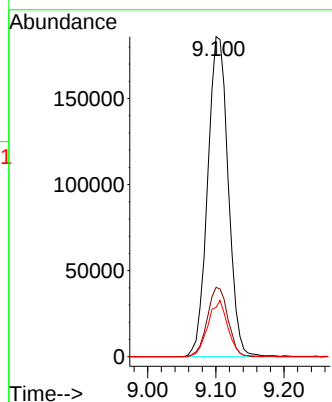
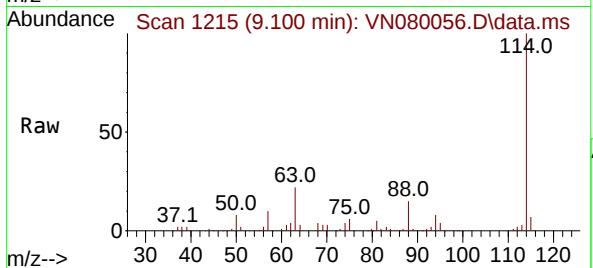
Tgt Ion:114 Resp: 390122

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.140 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080056.D

Acq: 13 Nov 2023 11:07

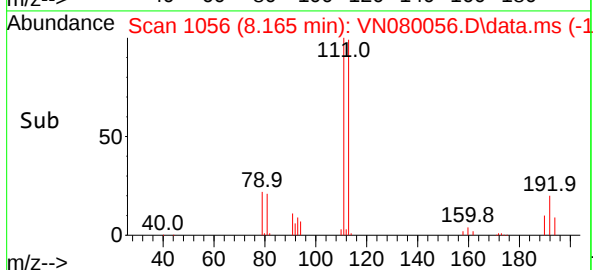
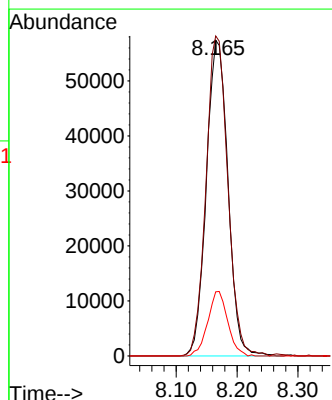
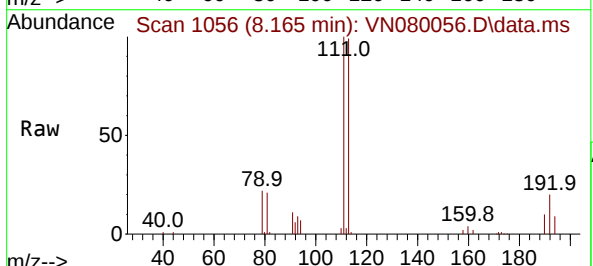
Tgt Ion:113 Resp: 141203

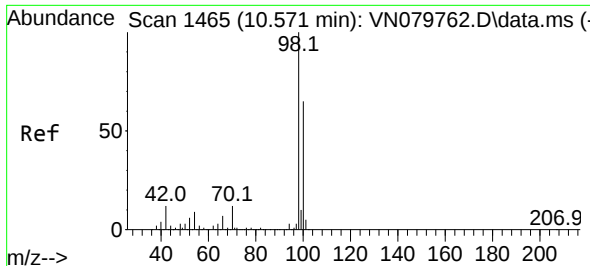
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 18.9 12.7 19.1

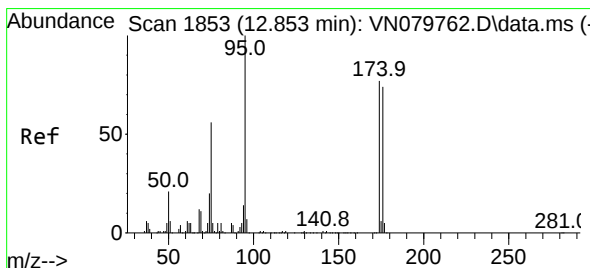
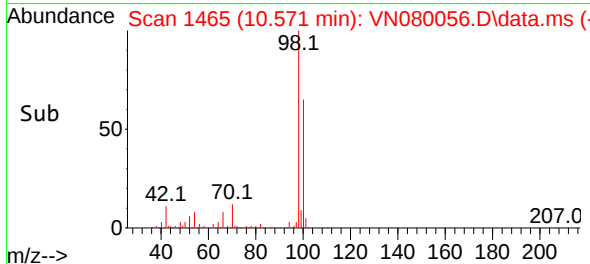
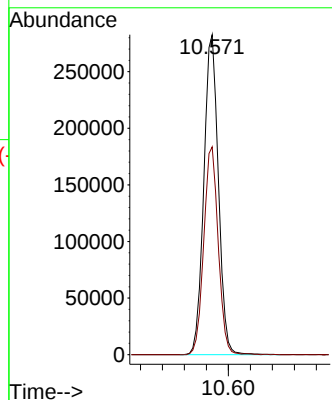
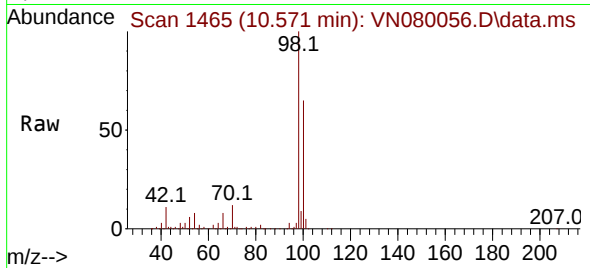




#50
Toluene-d8
Concen: 51.015 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

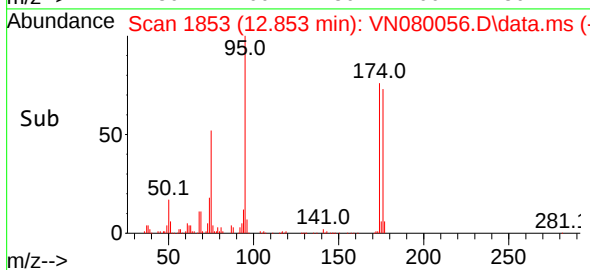
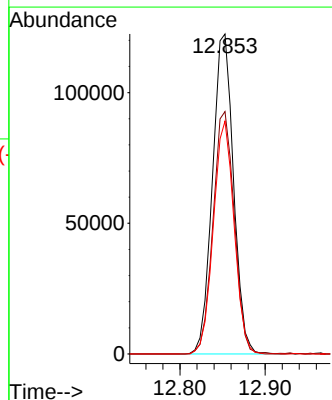
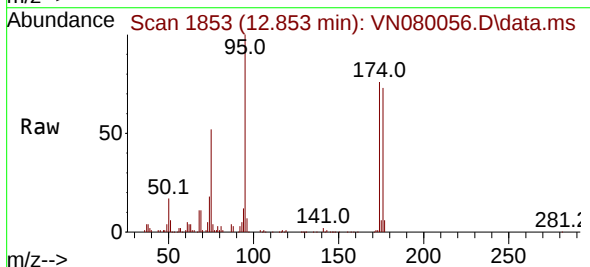
Instrument :
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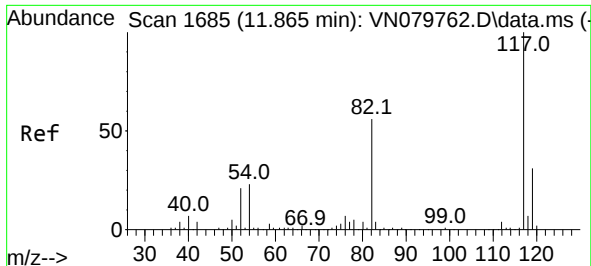
Tgt Ion: 98 Resp: 518553
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 62.228 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

Tgt Ion: 95 Resp: 209778
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 71.7 0.0 135.8

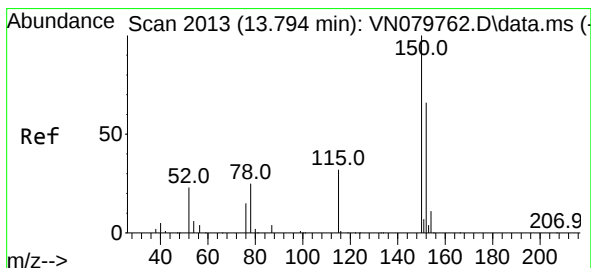
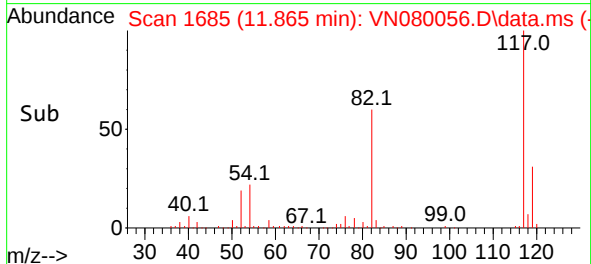
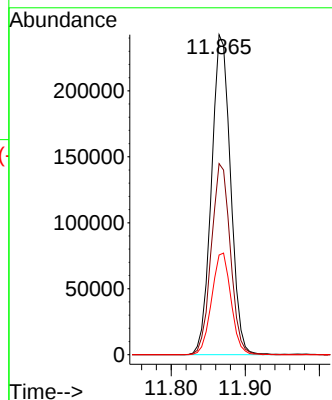
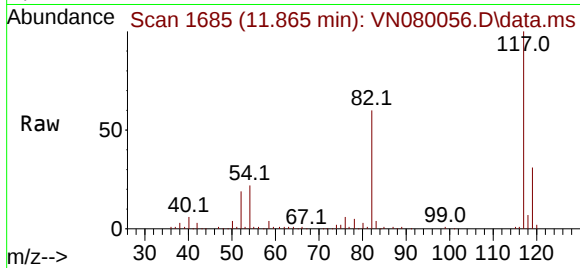




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBL01

Tgt Ion:117 Resp: 433258
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080056.D
Acq: 13 Nov 2023 11:07

Tgt Ion:152 Resp: 206584
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 156.5 0.0 355.8

