

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078565.D
 Acq On : 18 Jul 2023 16:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 19 01:53:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	393240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	738880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	675184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275761	52.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.620%
35) Dibromofluoromethane	8.176	113	274357	54.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.400%
50) Toluene-d8	10.576	98	848752	44.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.853	95	293723	50.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%

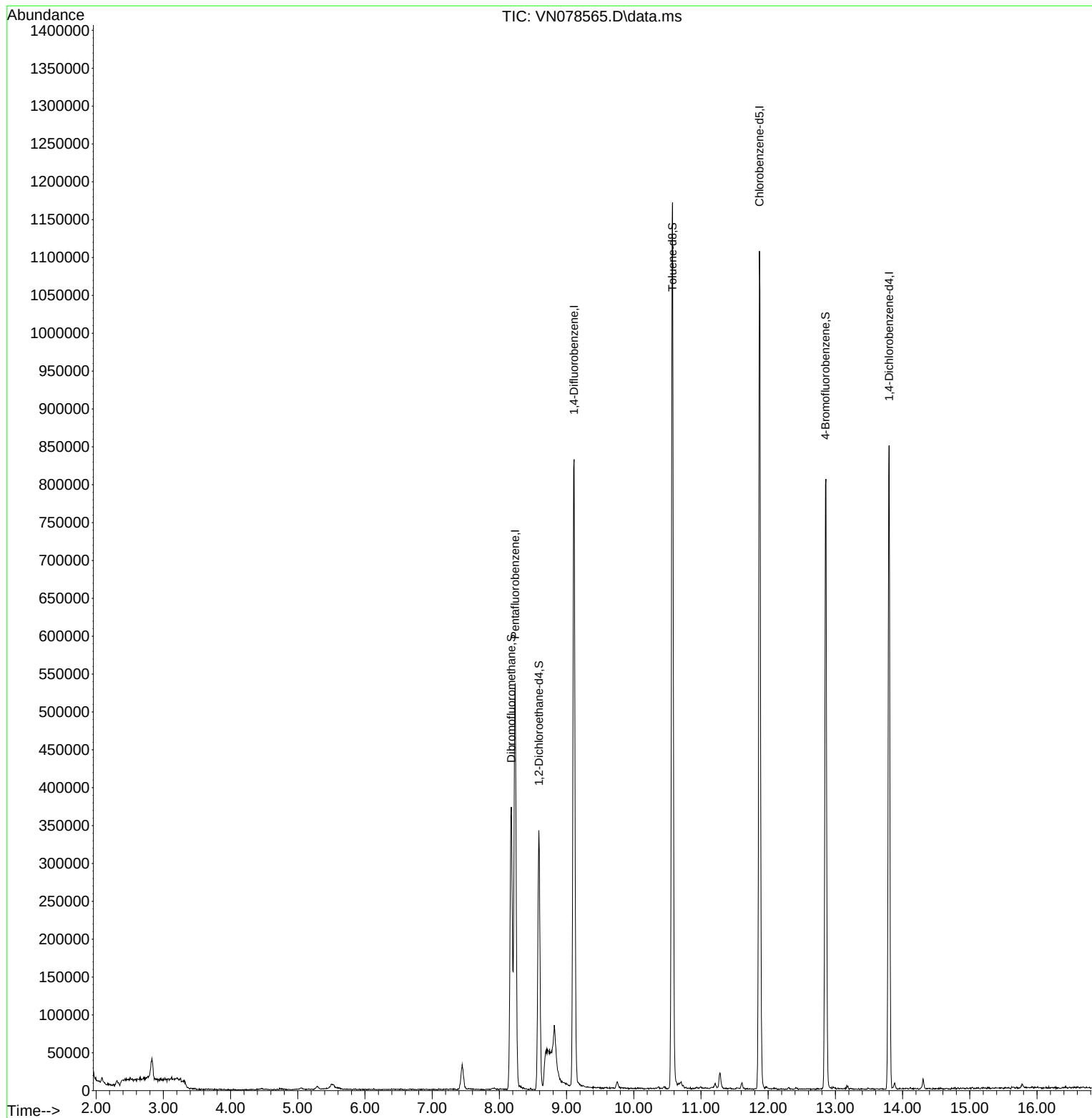
Target Compounds	Qvalue

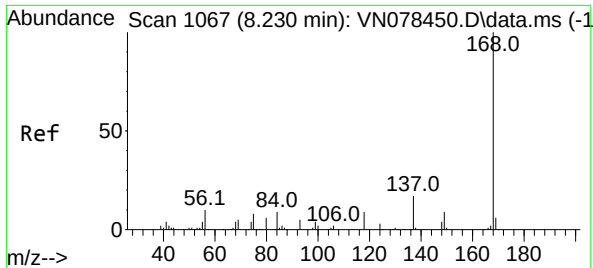
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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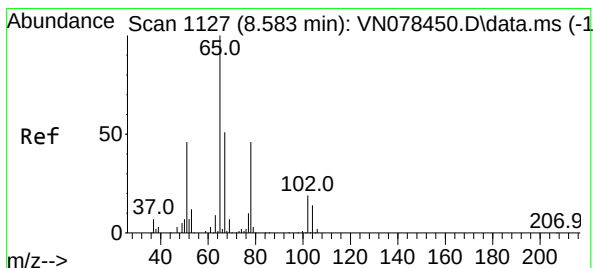
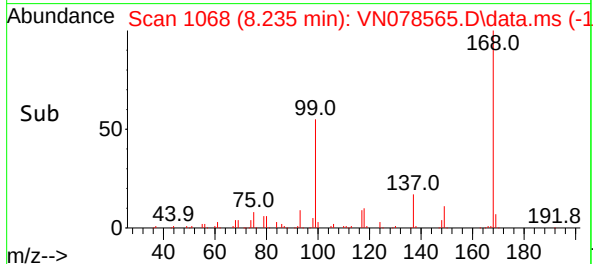
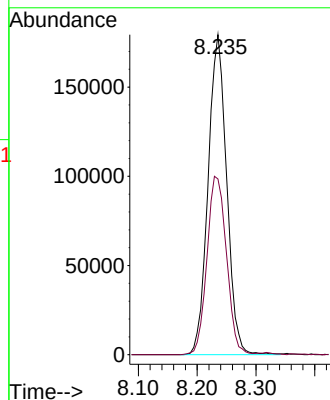
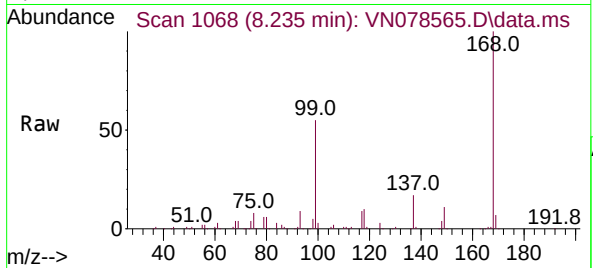




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078565.D
Acq: 18 Jul 2023 16:51

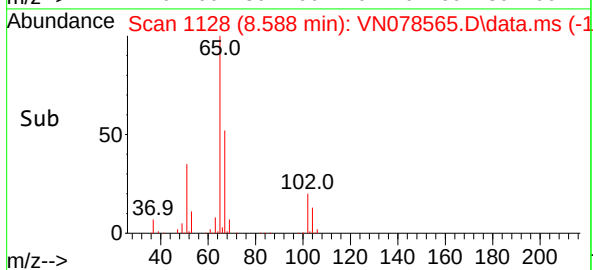
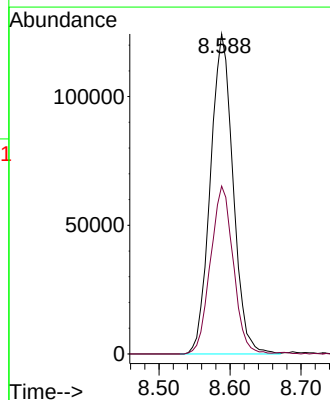
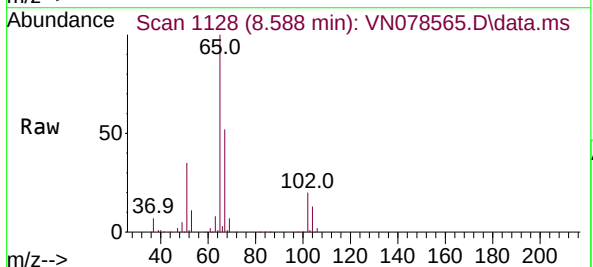
Instrument :
MSVOA_N
ClientSampleId :
IBLK

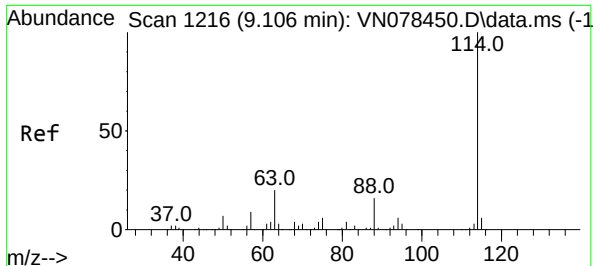
Tgt Ion:168 Resp: 393240
Ion Ratio Lower Upper
168 100
99 54.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.309 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078565.D
Acq: 18 Jul 2023 16:51

Tgt Ion: 65 Resp: 275761
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078565.D

Acq: 18 Jul 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

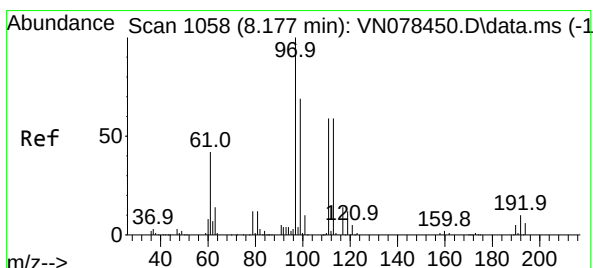
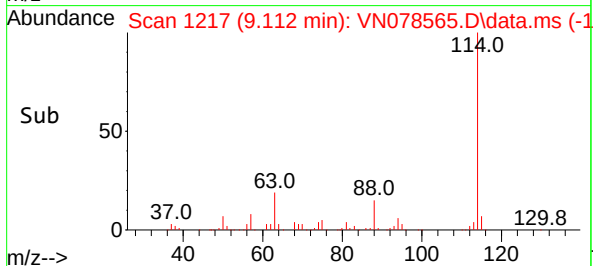
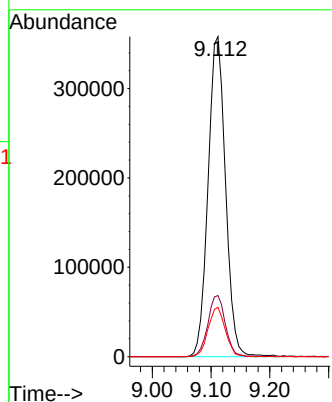
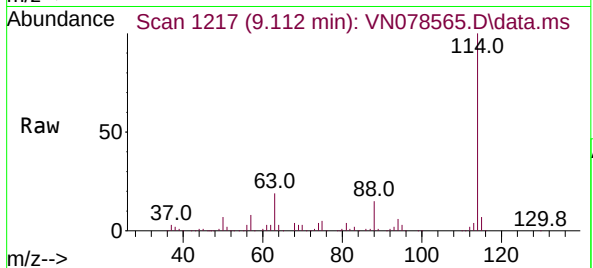
Tgt Ion:114 Resp: 738880

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.699 ug/l

RT: 8.176 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VN078565.D

Acq: 18 Jul 2023 16:51

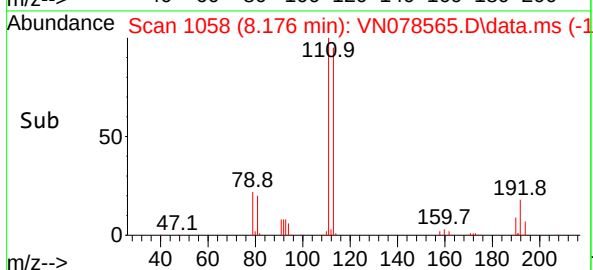
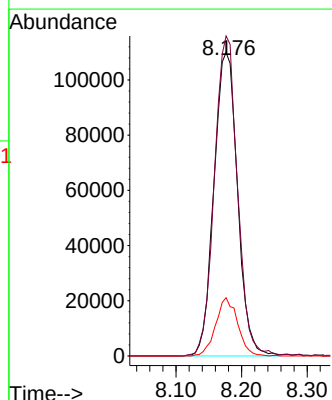
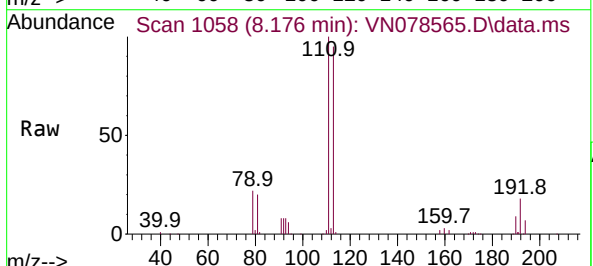
Tgt Ion:113 Resp: 274357

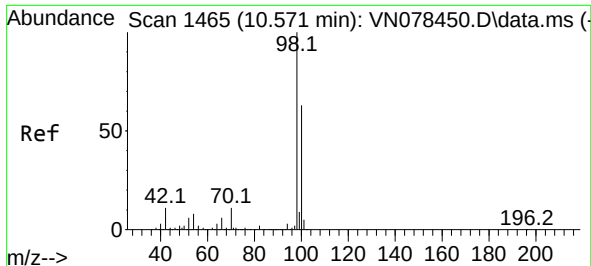
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.8 12.7 19.1

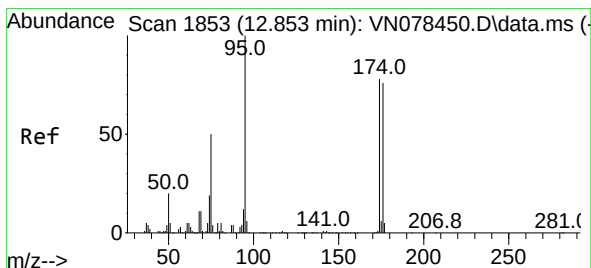
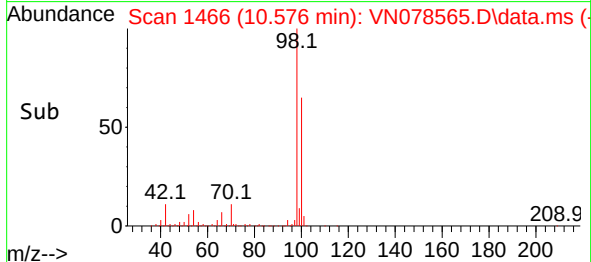
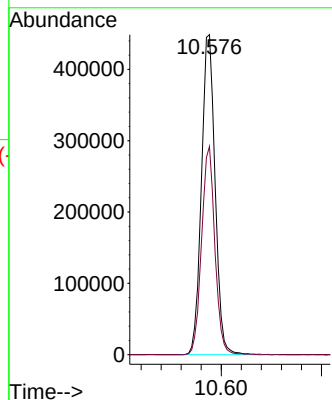
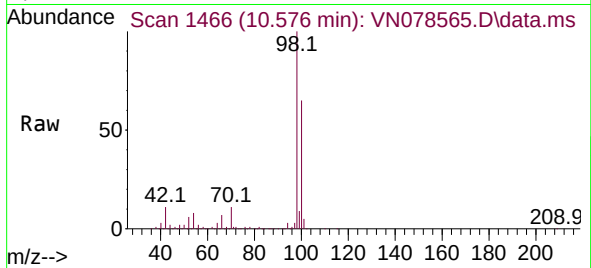




#50
Toluene-d8
Concen: 44.794 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078565.D
Acq: 18 Jul 2023 16:51

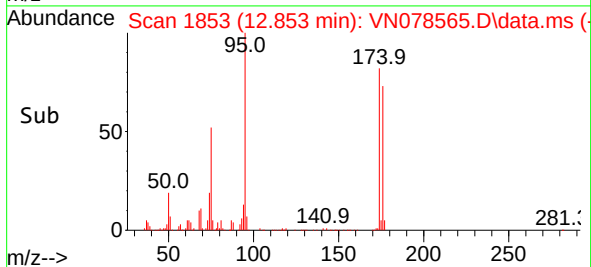
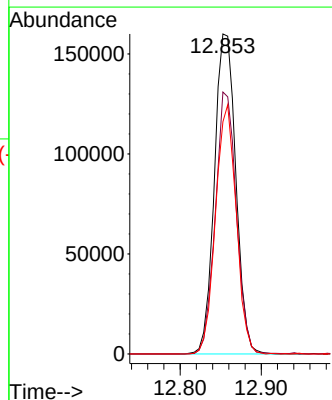
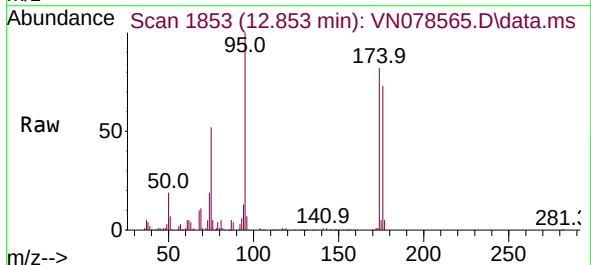
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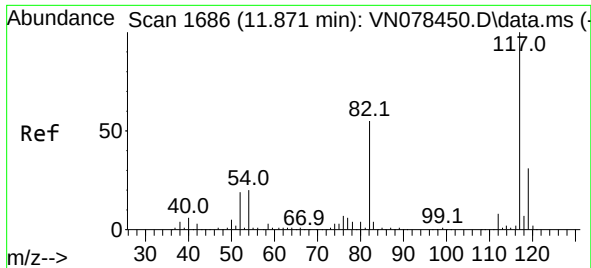
Tgt Ion: 98 Resp: 848752
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.326 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078565.D
Acq: 18 Jul 2023 16:51

Tgt Ion: 95 Resp: 293723
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.8
176 75.0 0.0 135.8

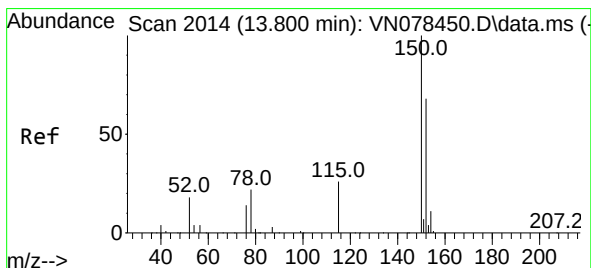
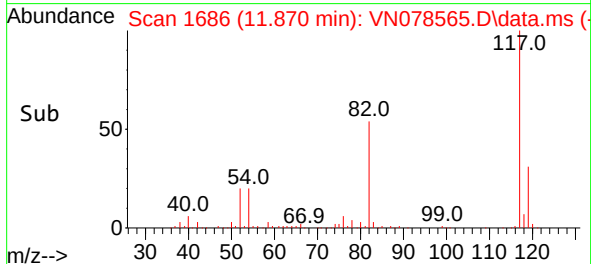
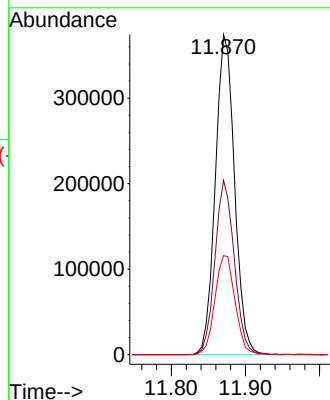
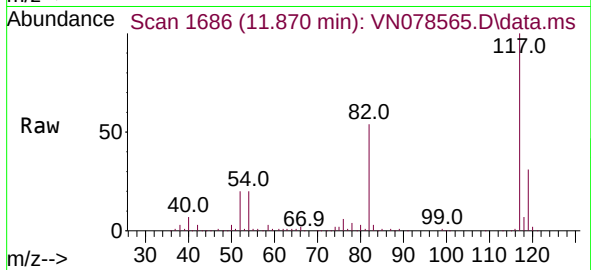




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078565.D
Acq: 18 Jul 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 675184
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 30.9 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: VN078565.D
Acq: 18 Jul 2023 16:51

Tgt Ion:152 Resp: 235424
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 156.1 0.0 355.8

