

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078573.D
 Acq On : 19 Jul 2023 11:27
 Operator : JC\MD
 Sample : VN0719WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBL01

Quant Time: Jul 20 01:29:58 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	8.230	168	412071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	744466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	668419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272247	49.282	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.560%
35) Dibromofluoromethane	8.177	113	283331	56.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.120%
50) Toluene-d8	10.571	98	863550	45.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.853	95	284778	48.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.860%

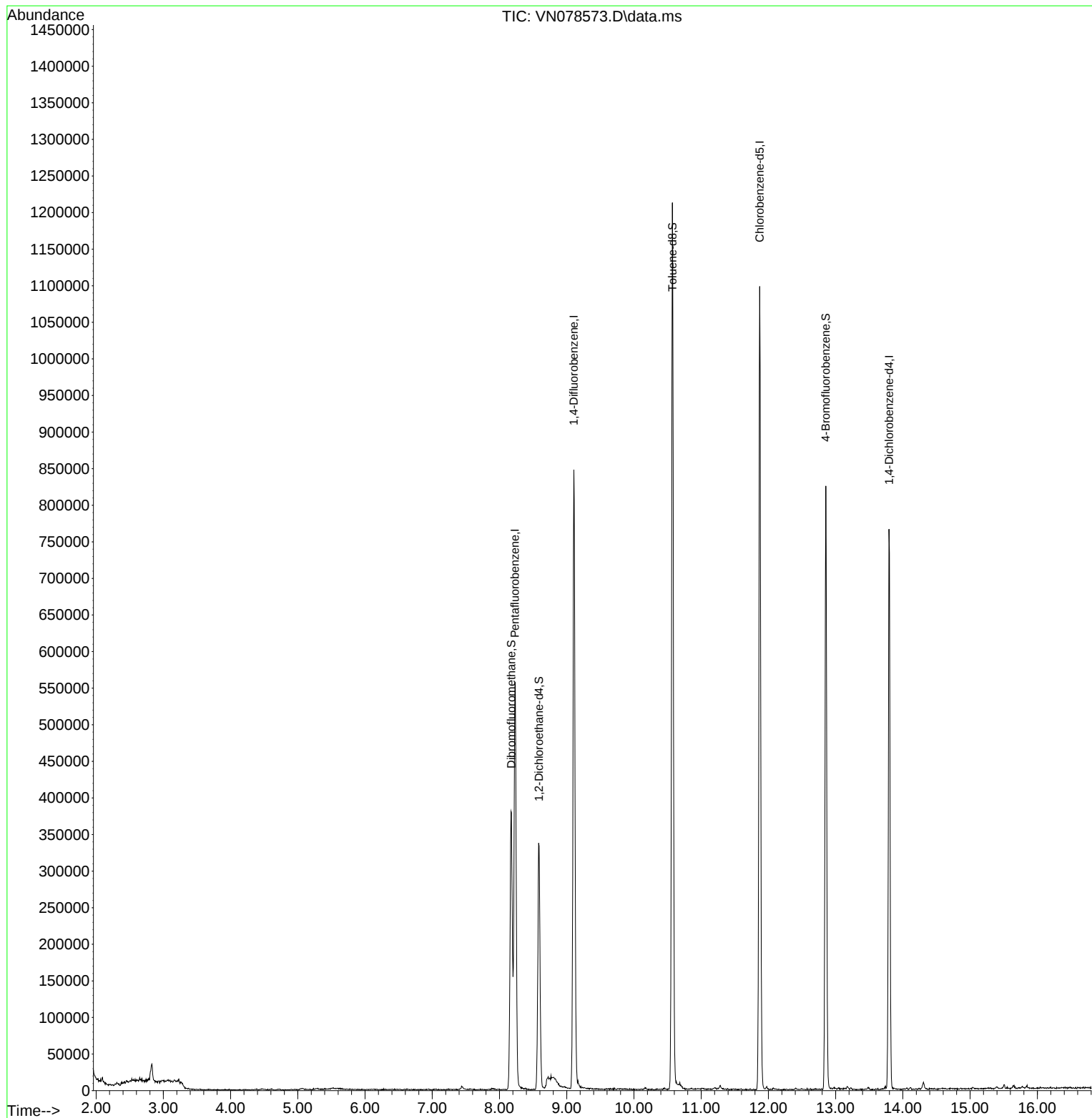
Target Compounds	Qvalue

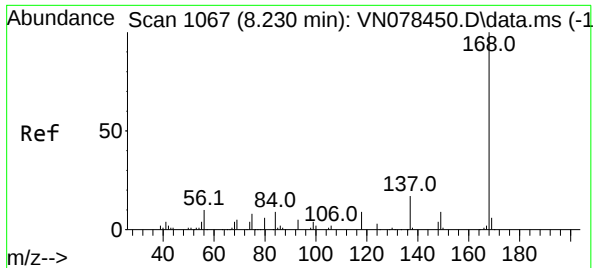
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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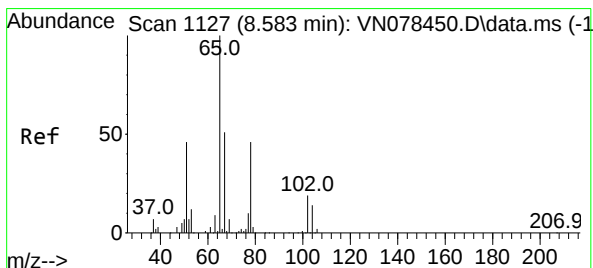
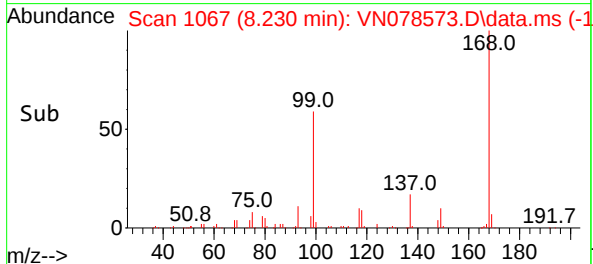
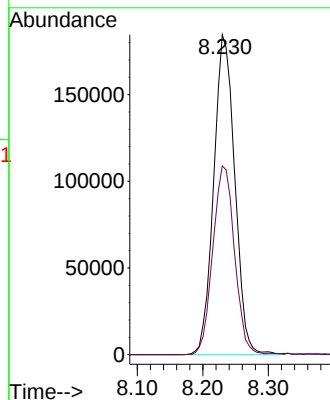
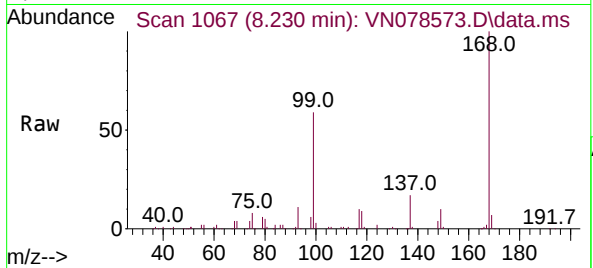




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

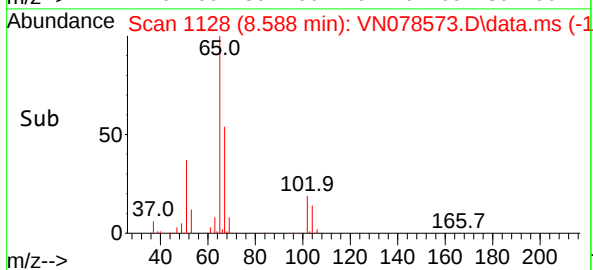
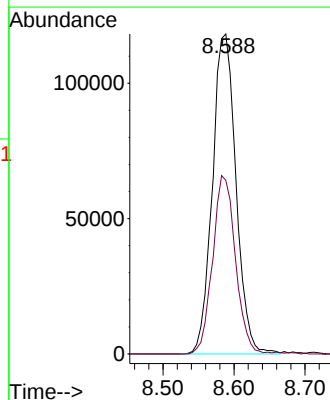
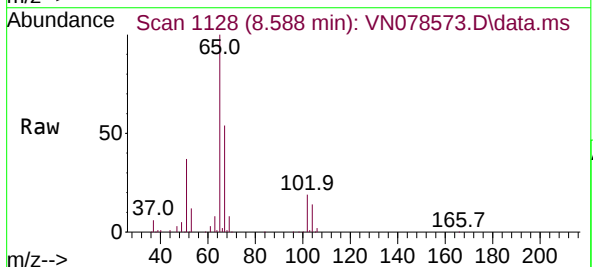
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

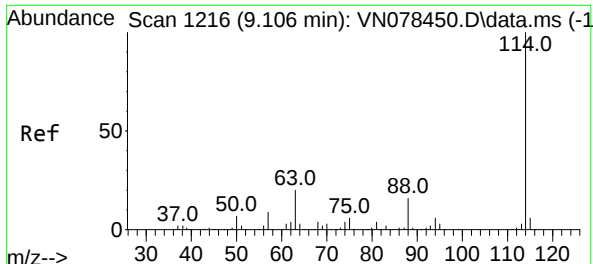
Tgt Ion:168 Resp: 412071
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.282 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

Tgt Ion: 65 Resp: 272247
Ion Ratio Lower Upper
65 100
67 54.1 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: VN078573.D

Acq: 19 Jul 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBL01

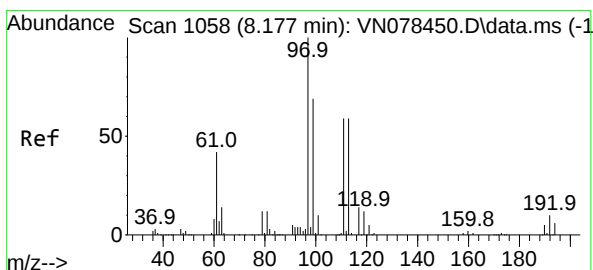
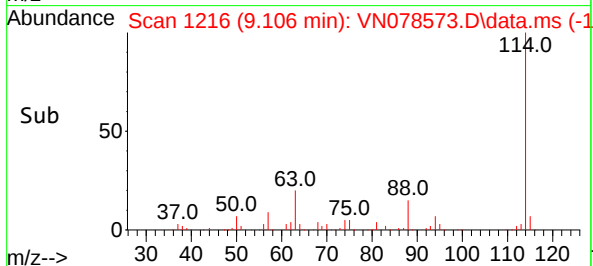
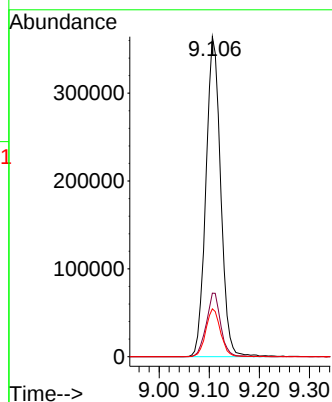
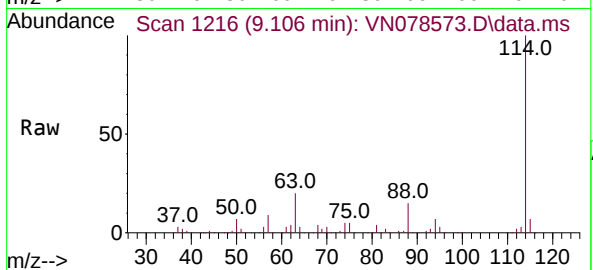
Tgt Ion:114 Resp: 744466

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.064 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078573.D

Acq: 19 Jul 2023 11:27

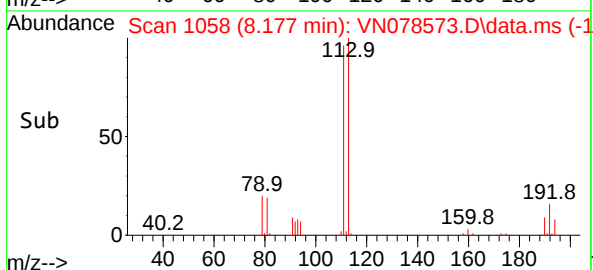
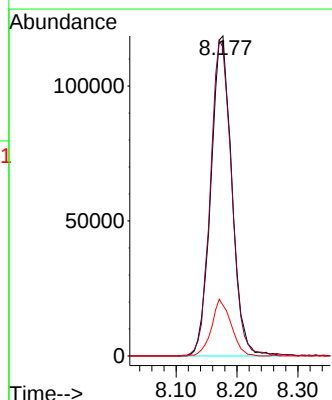
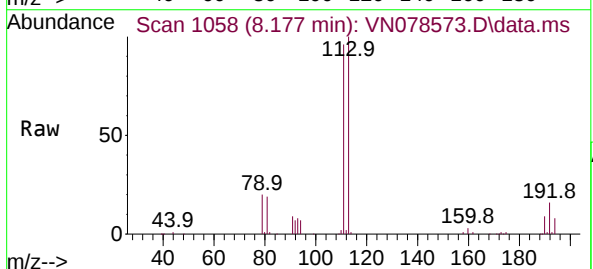
Tgt Ion:113 Resp: 283331

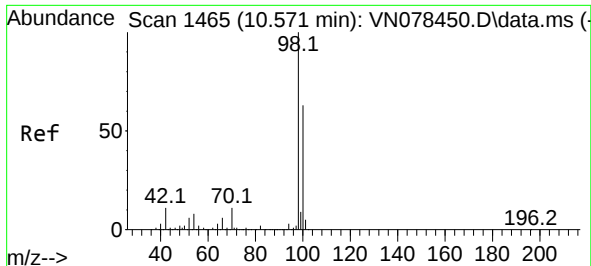
Ion Ratio Lower Upper

113 100

111 99.9 82.6 123.8

192 16.6 12.7 19.1

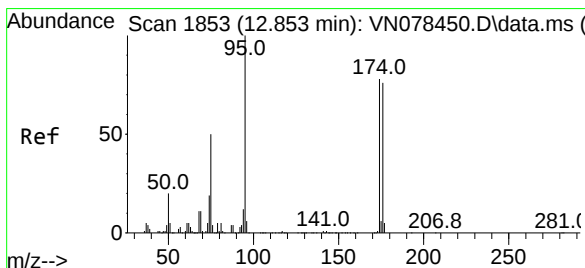
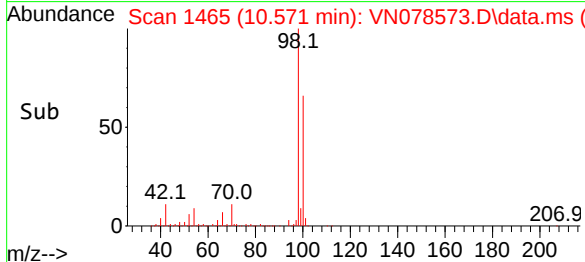
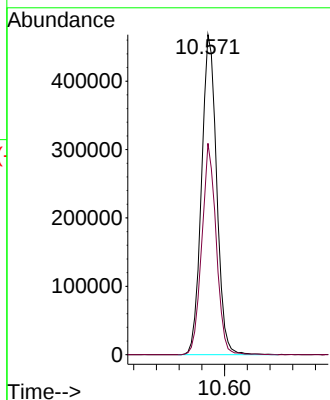
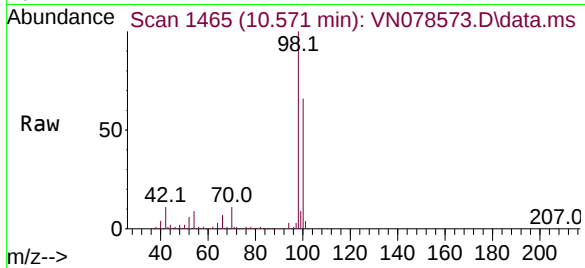




#50
Toluene-d8
Concen: 45.233 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

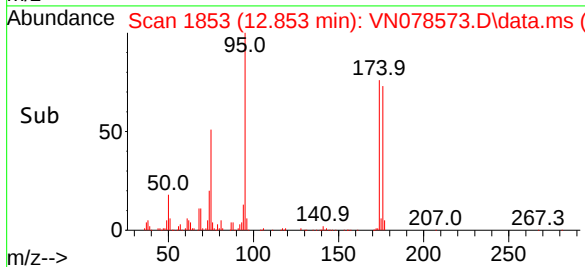
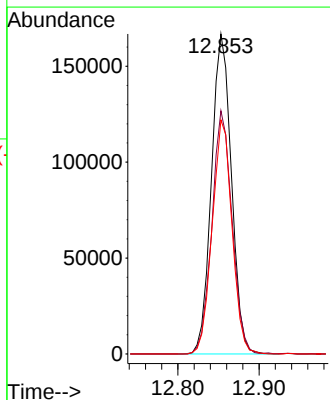
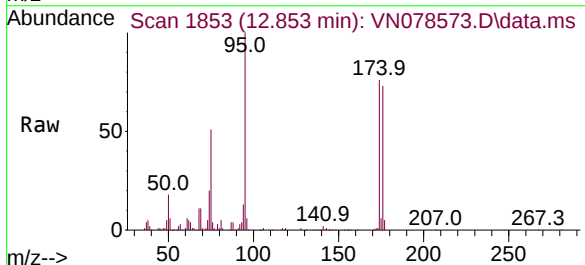
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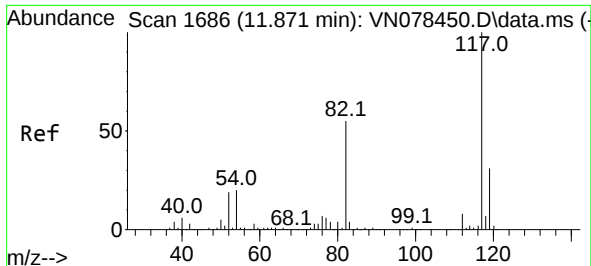
Tgt Ion: 98 Resp: 863550
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.427 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

Tgt Ion: 95 Resp: 284778
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 72.6 0.0 135.8

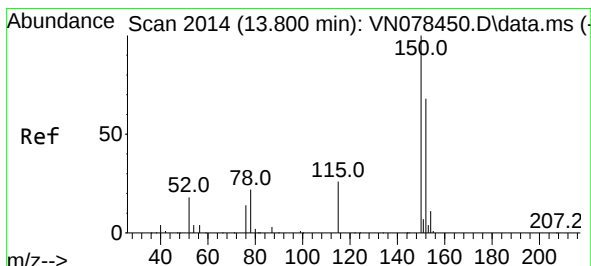
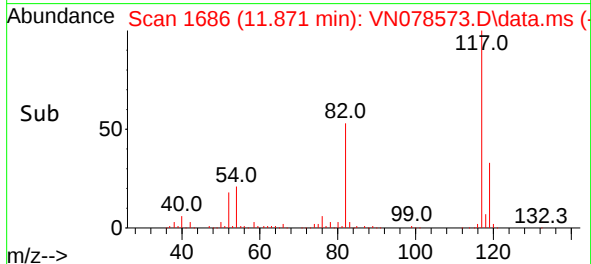
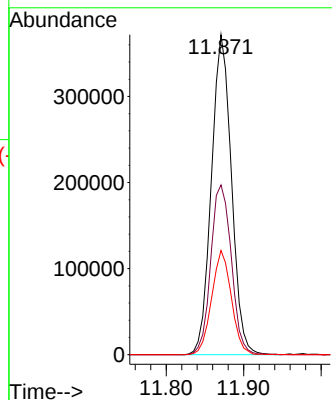
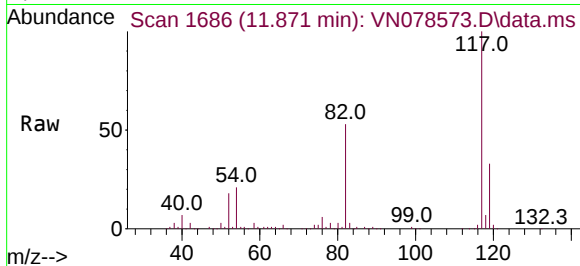




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

Tgt Ion:117 Resp: 668419
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078573.D
Acq: 19 Jul 2023 11:27

Tgt Ion:152 Resp: 213077
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 156.8 0.0 355.8

