

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078577.D
 Acq On : 19 Jul 2023 13:48
 Operator : JC\MD
 Sample : 03664-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1013

Quant Time: Jul 20 01:32:51 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	8.236	168	407026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	727610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	663639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	268701	49.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.480%
35) Dibromofluoromethane	8.177	113	269796	54.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.240%
50) Toluene-d8	10.571	98	835595	44.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.853	95	292464	50.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%

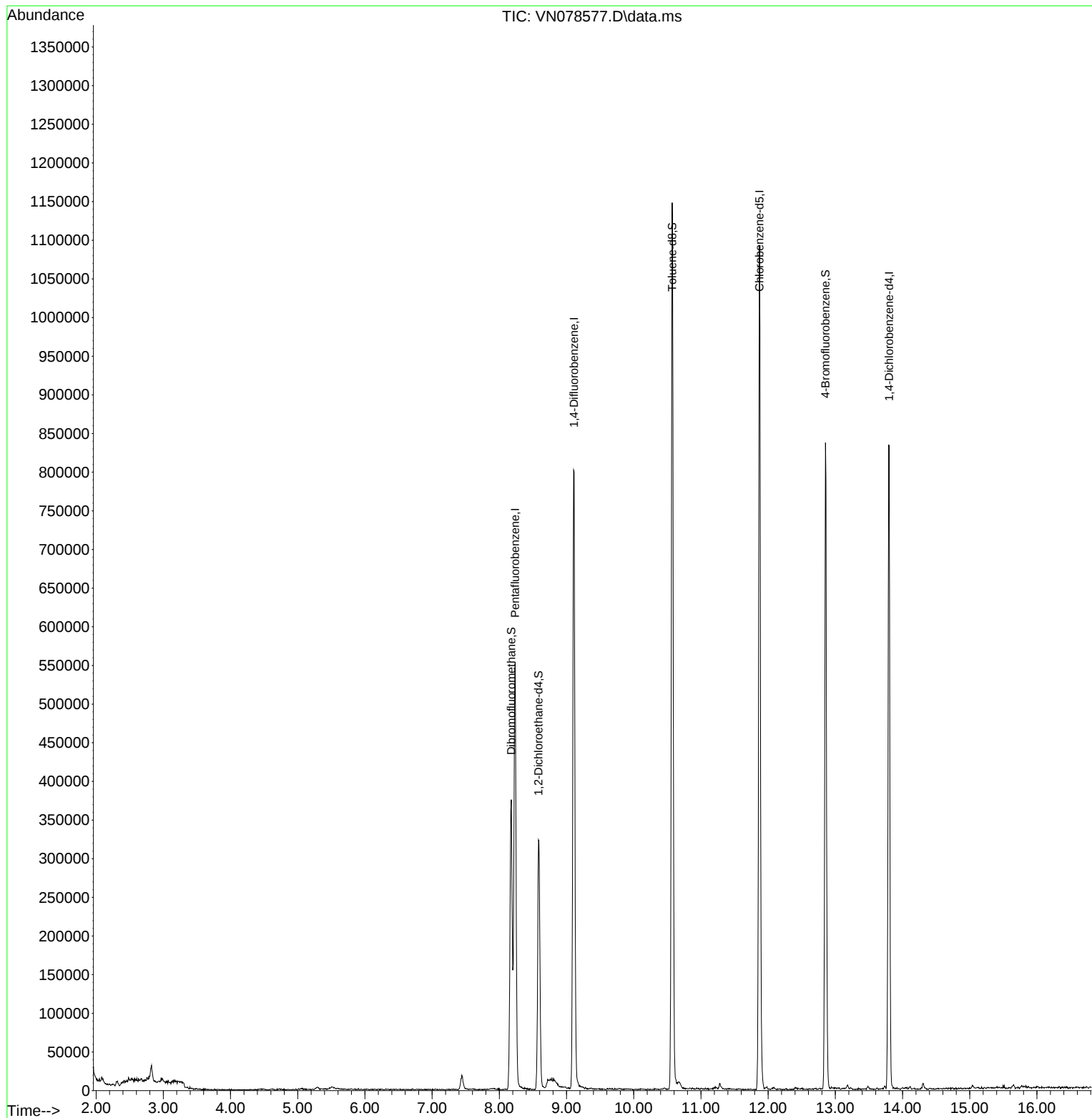
Target Compounds	Qvalue

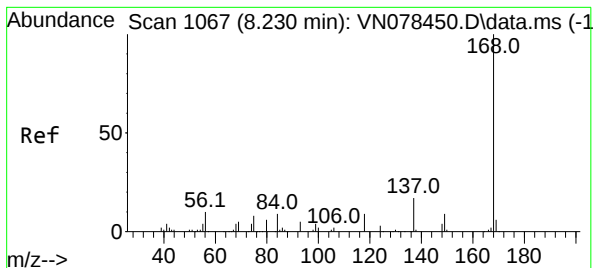
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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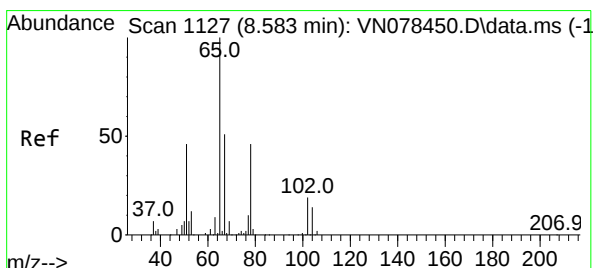
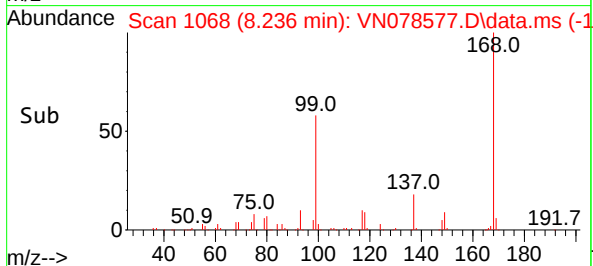
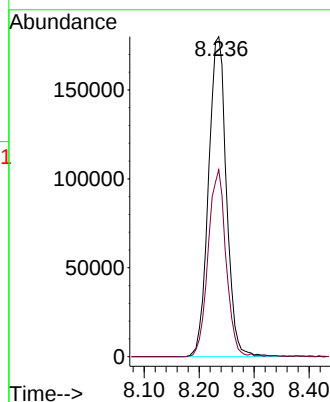
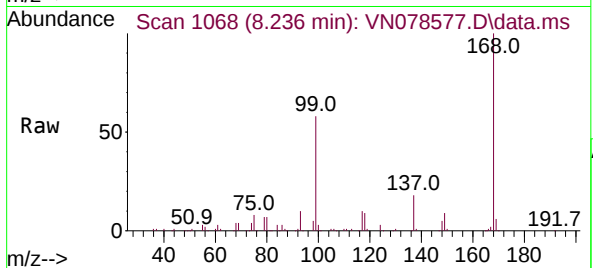




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078577.D
Acq: 19 Jul 2023 13:48

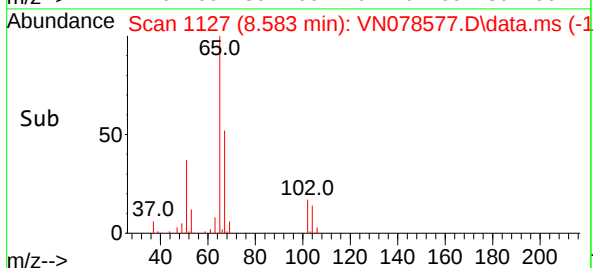
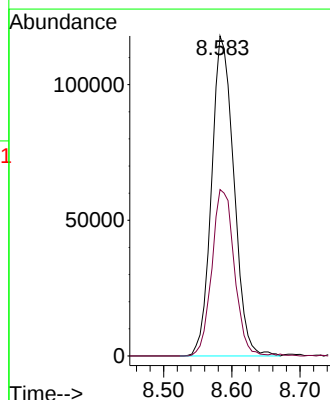
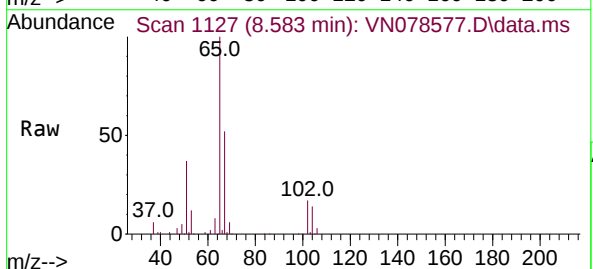
Instrument :
MSVOA_N
ClientSampleId :
AUD-1013

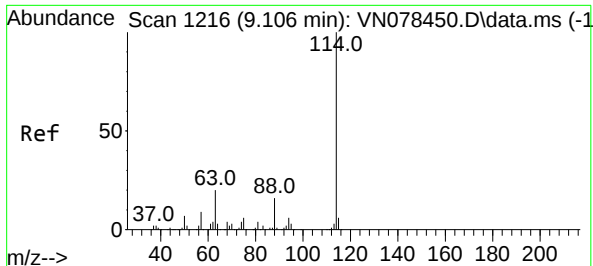
Tgt Ion:168 Resp: 407026
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.243 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078577.D
Acq: 19 Jul 2023 13:48

Tgt Ion: 65 Resp: 268701
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078577.D

Acq: 19 Jul 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

AUD-1013

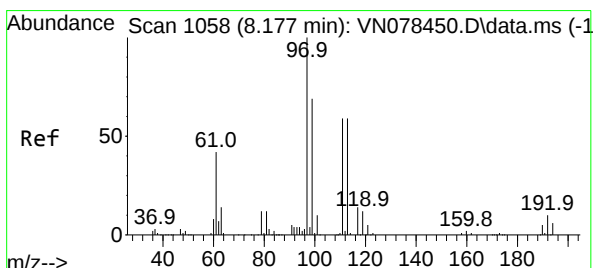
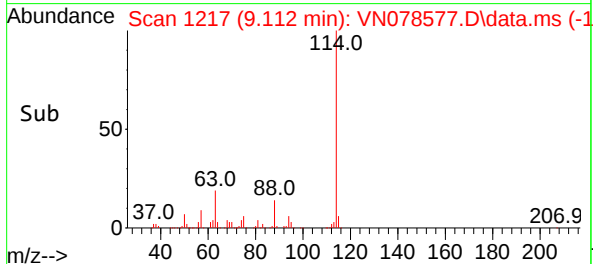
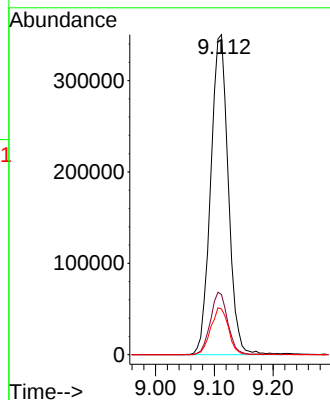
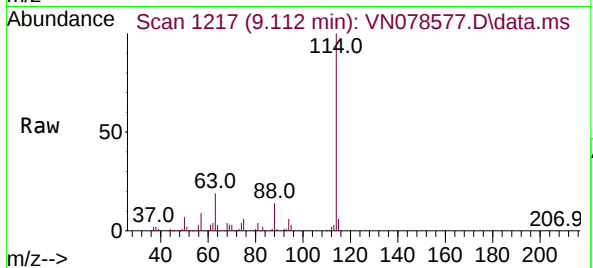
Tgt Ion:114 Resp: 727610

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.623 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078577.D

Acq: 19 Jul 2023 13:48

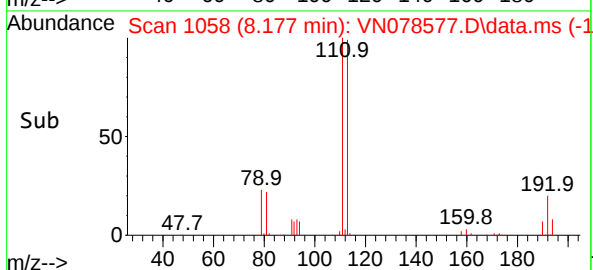
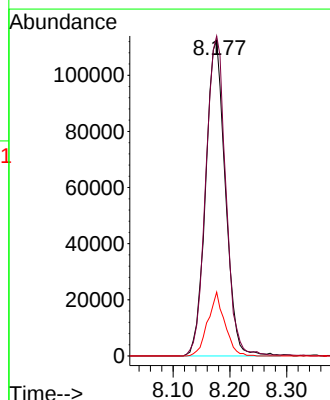
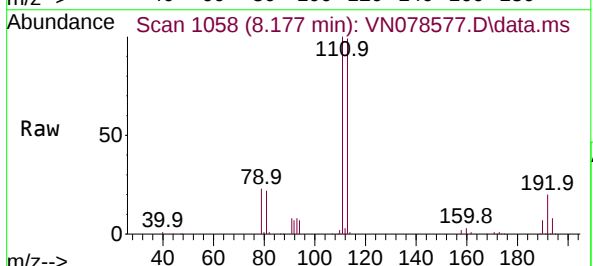
Tgt Ion:113 Resp: 269796

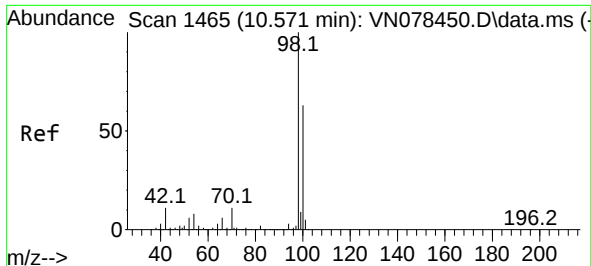
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.4 12.7 19.1

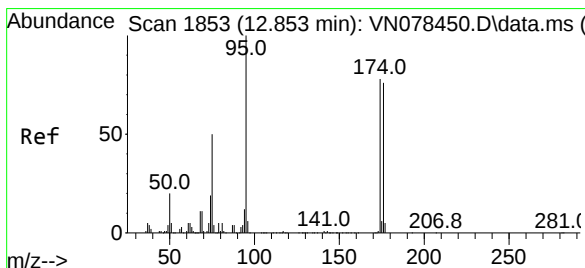
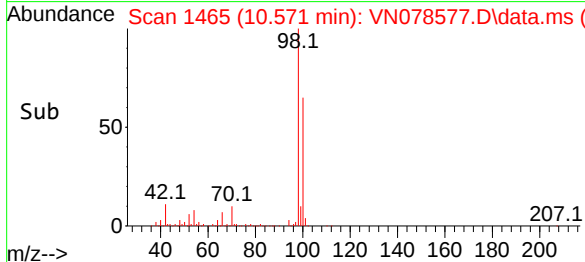
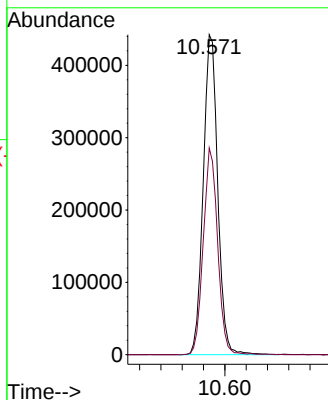
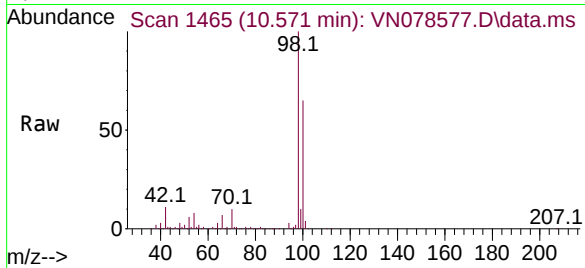




#50
Toluene-d8
Concen: 44.782 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078577.D
Acq: 19 Jul 2023 13:48

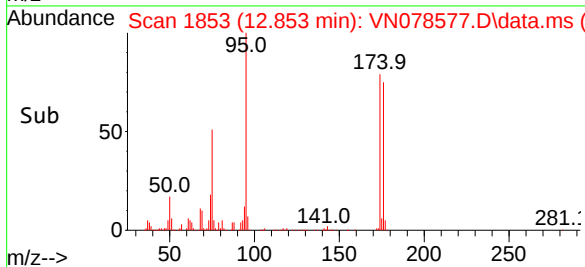
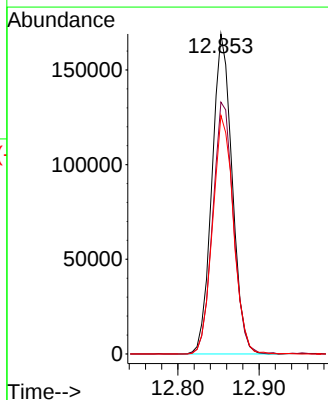
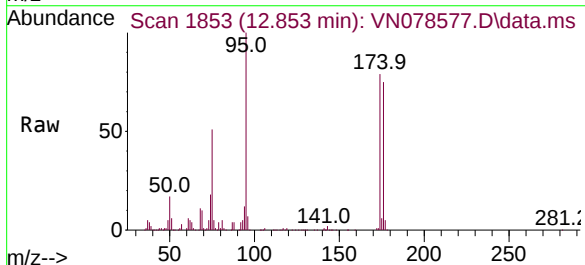
Instrument :
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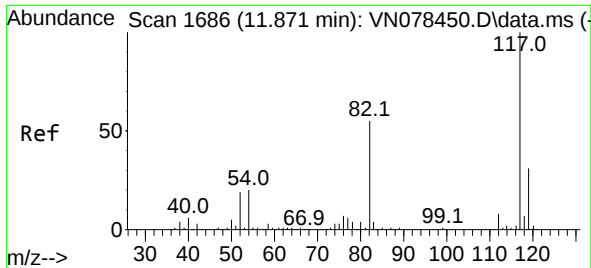
Tgt Ion: 98 Resp: 835595
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.887 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078577.D
Acq: 19 Jul 2023 13:48

Tgt Ion: 95 Resp: 292464
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 77.0 0.0 135.8

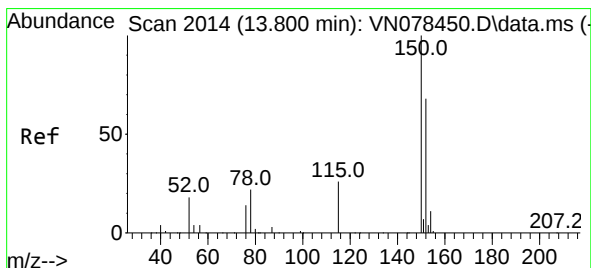
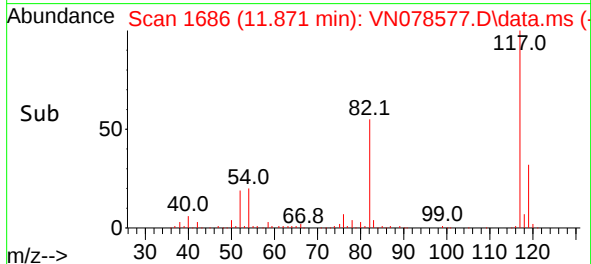
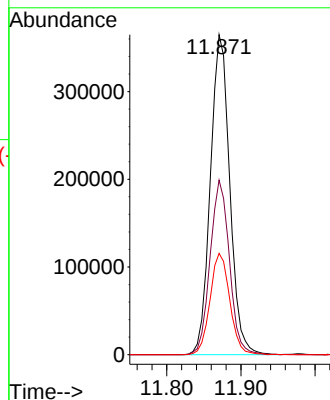
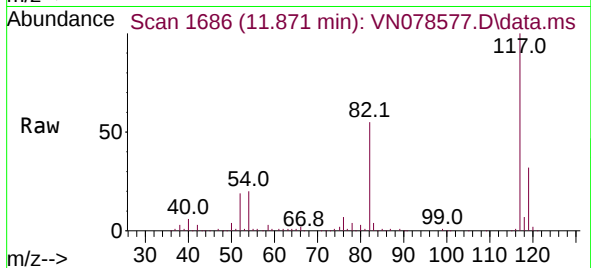




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078577.D
Acq: 19 Jul 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
AUD-1013

Tgt Ion:117 Resp: 663639
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.7 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: VN078577.D
Acq: 19 Jul 2023 13:48

Tgt Ion:152 Resp: 235425
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 159.6 0.0 355.8

