

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078493.D
 Acq On : 13 Jul 2023 12:57
 Operator : JC\MD
 Sample : 03606-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071223

Quant Time: Jul 14 01:31:55 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	425878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	755082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	700685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283329	49.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.171	113	285543	55.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.420%
50) Toluene-d8	10.577	98	888943	45.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.859	95	305080	51.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.300%

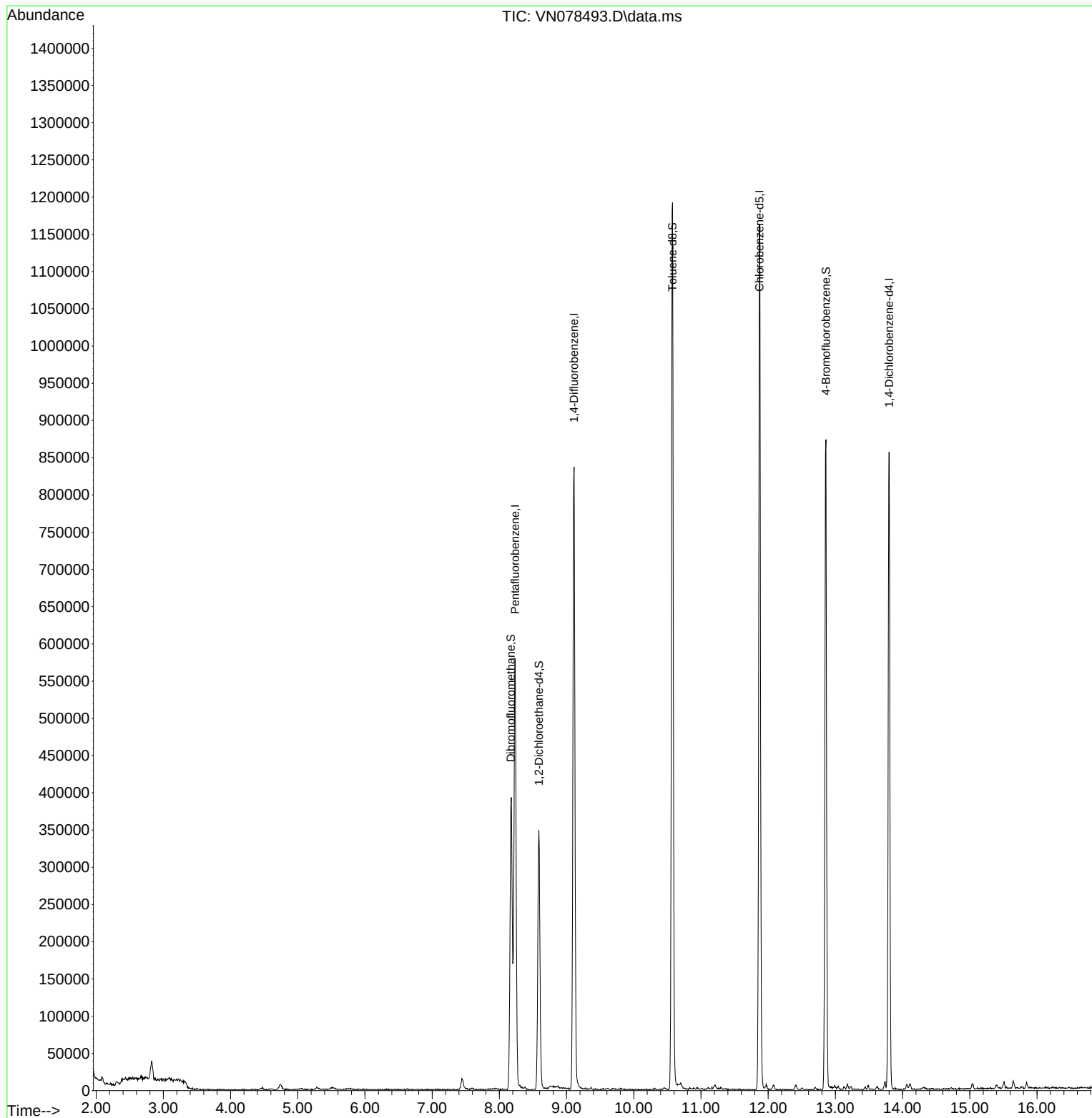
Target Compounds	Qvalue

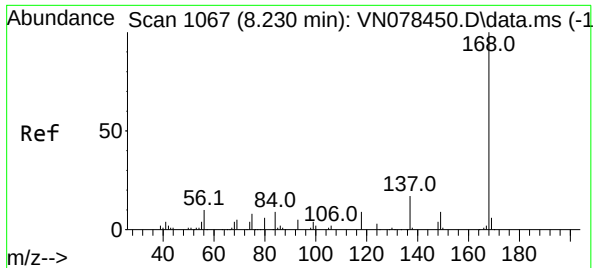
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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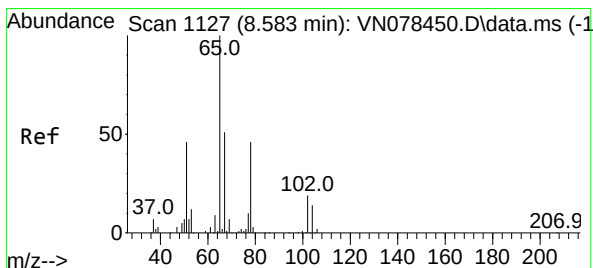
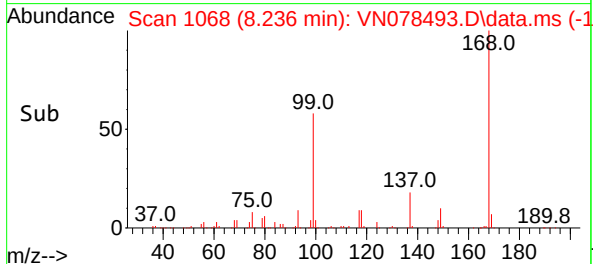
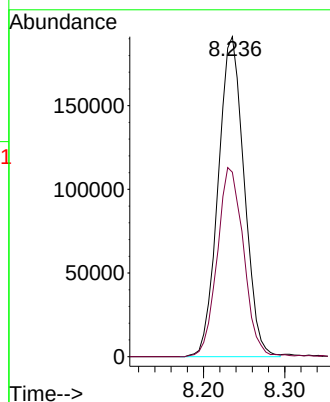
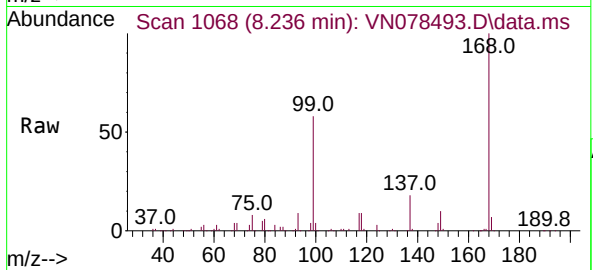




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078493.D
Acq: 13 Jul 2023 12:57

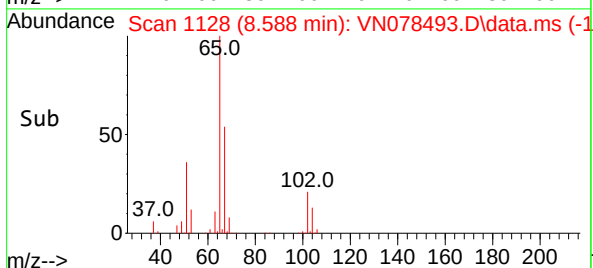
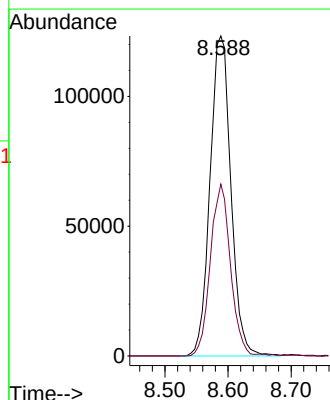
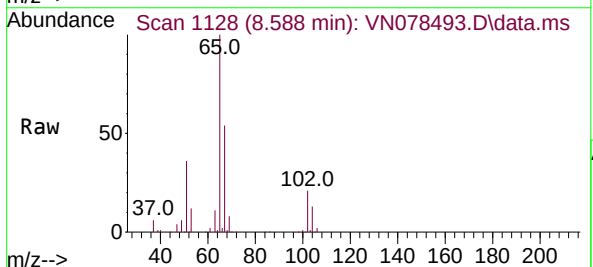
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071223

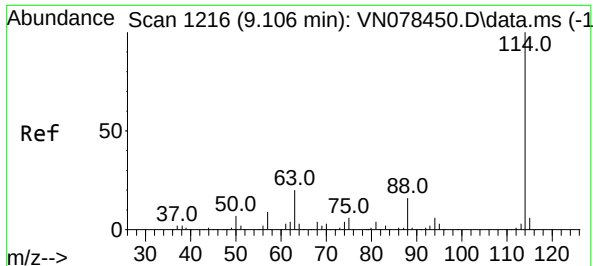
Tgt Ion:168 Resp: 425878
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.625 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078493.D
Acq: 13 Jul 2023 12:57

Tgt Ion: 65 Resp: 283329
Ion Ratio Lower Upper
65 100
67 51.5 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: VN078493.D

Acq: 13 Jul 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

TB-01-071223

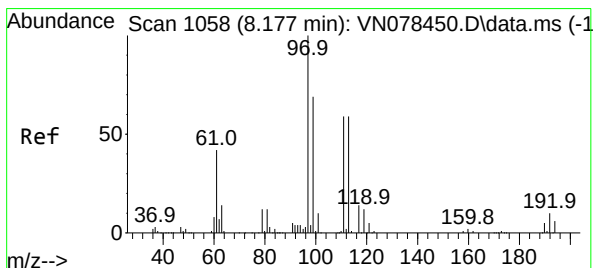
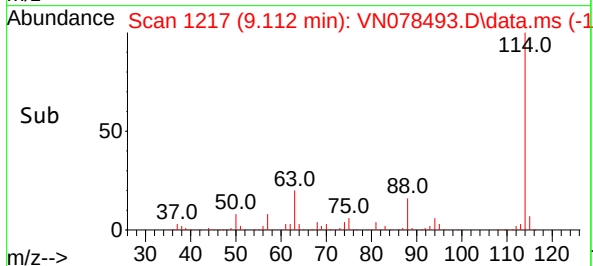
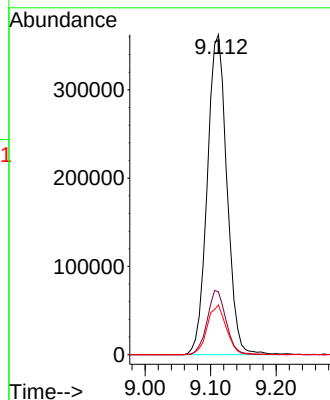
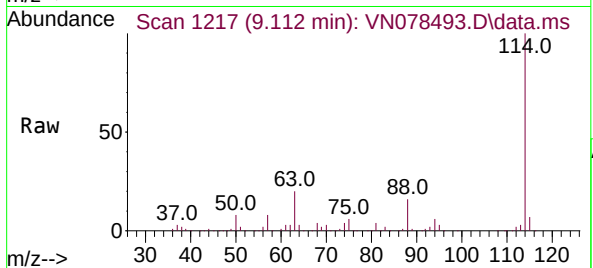
Tgt Ion:114 Resp: 755082

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.708 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078493.D

Acq: 13 Jul 2023 12:57

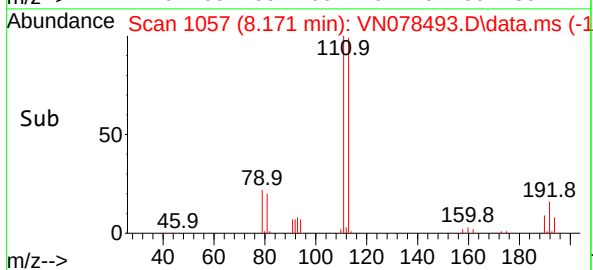
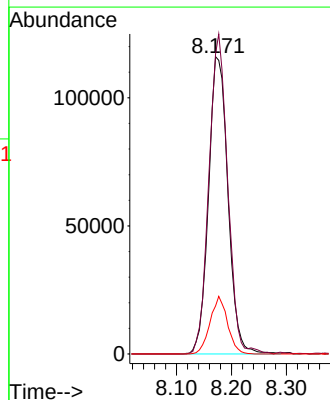
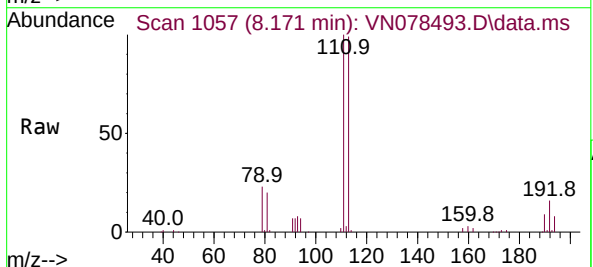
Tgt Ion:113 Resp: 285543

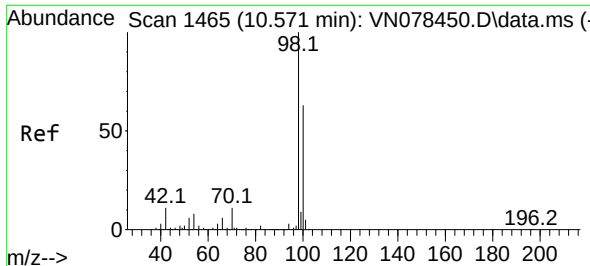
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.4 12.7 19.1

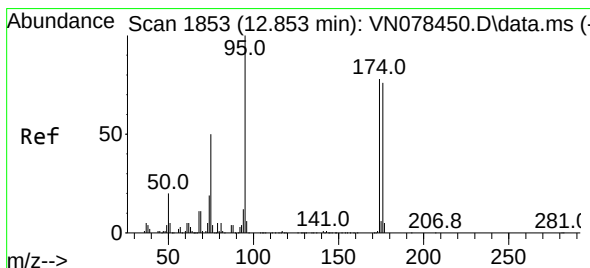
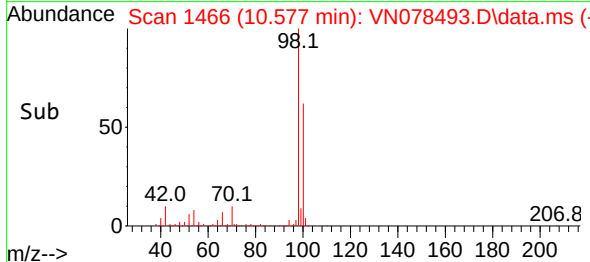
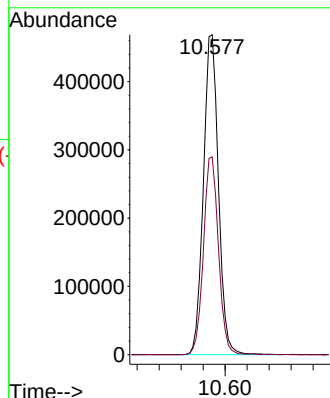
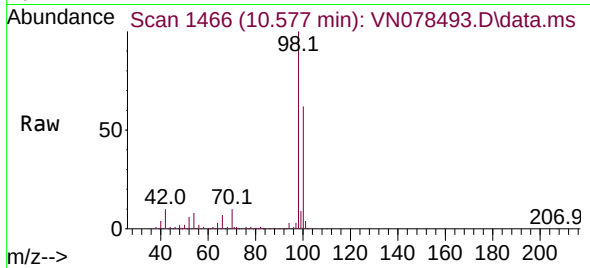




#50
Toluene-d8
Concen: 45.908 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078493.D
Acq: 13 Jul 2023 12:57

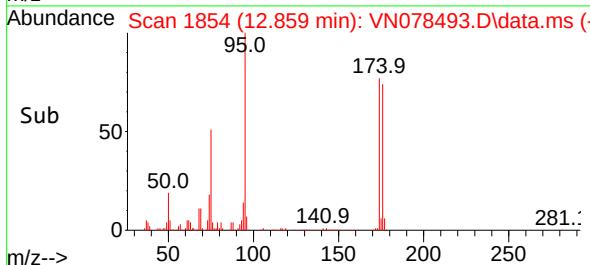
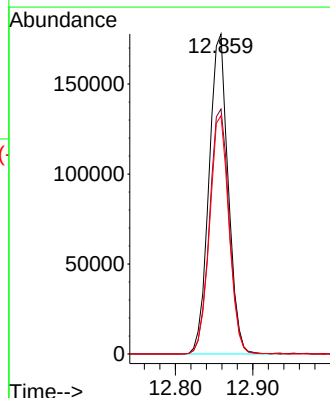
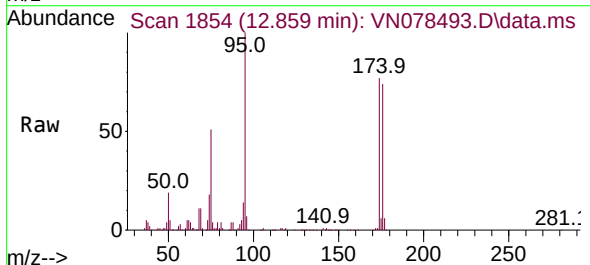
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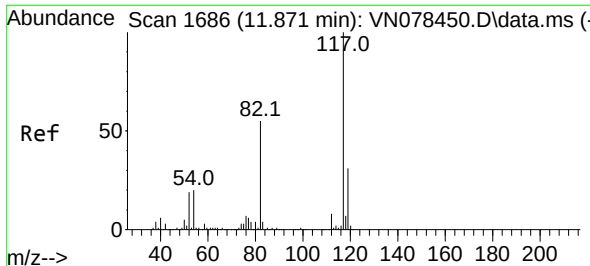
Tgt Ion: 98 Resp: 888943
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.151 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078493.D
Acq: 13 Jul 2023 12:57

Tgt Ion: 95 Resp: 305080
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 75.1 0.0 135.8

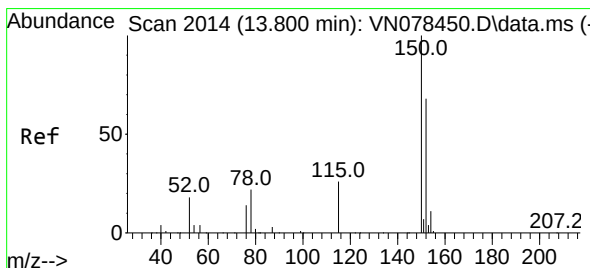
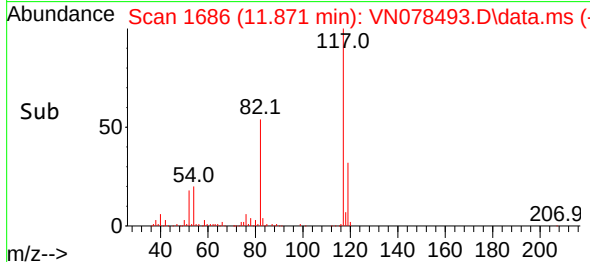
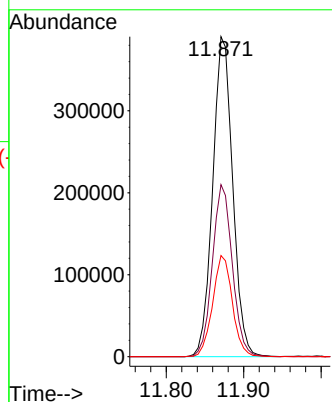
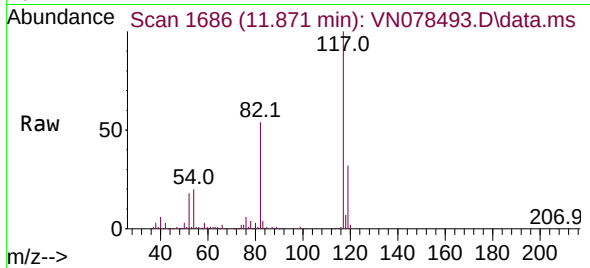




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078493.D
Acq: 13 Jul 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
TB-01-071223

Tgt Ion:117 Resp: 700685
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 31.6 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: VN078493.D
Acq: 13 Jul 2023 12:57

Tgt Ion:152 Resp: 239763
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 156.6 0.0 355.8

