

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078695.D
 Acq On : 28 Jul 2023 19:20
 Operator : JC\MD
 Sample : 03820-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 29 00:54:11 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	702221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1230735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1125986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	383803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	449716	47.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.177	113	439828	52.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	10.571	98	1502202	47.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.853	95	518597	53.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.700%

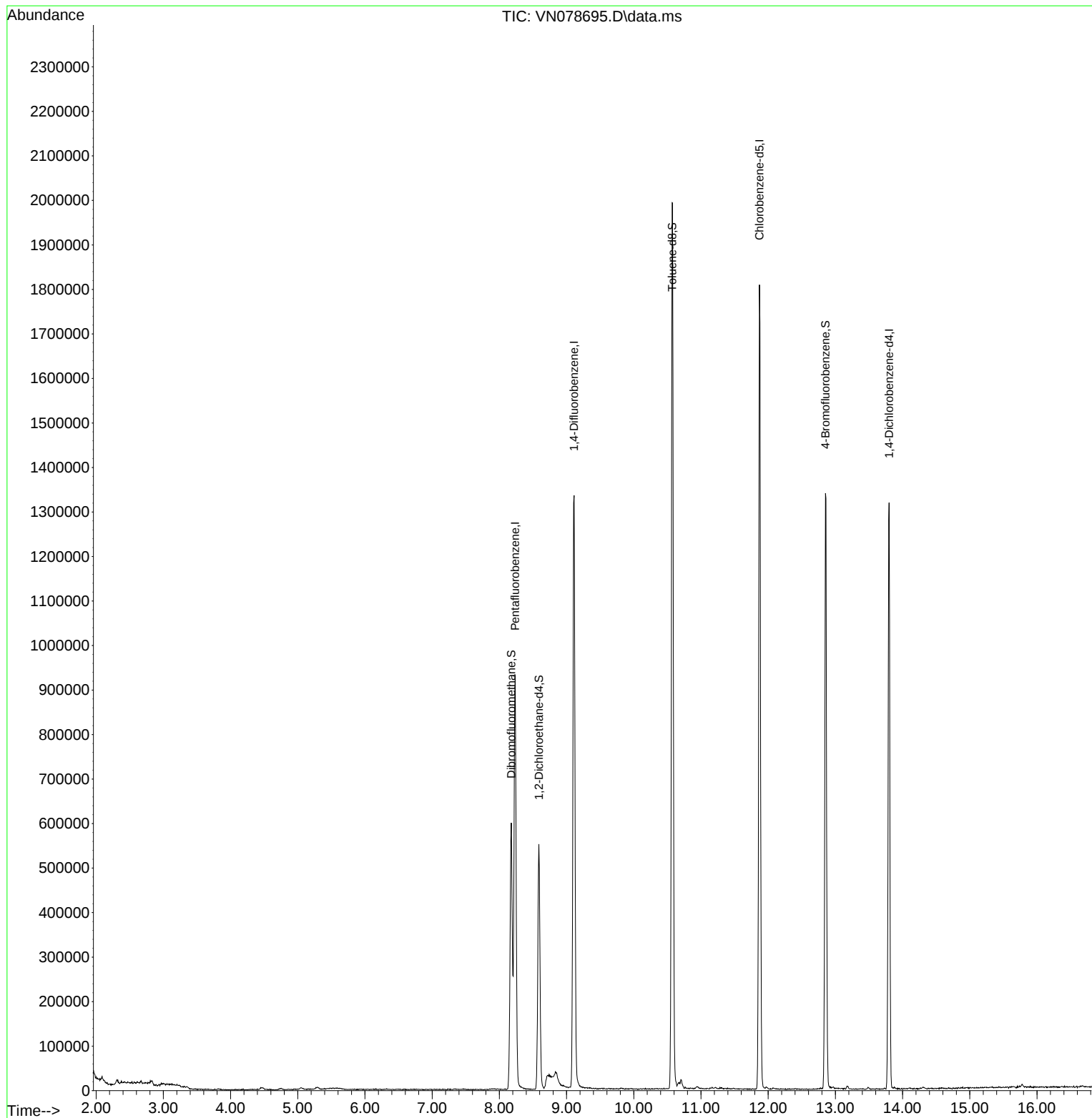
Target Compounds	Qvalue

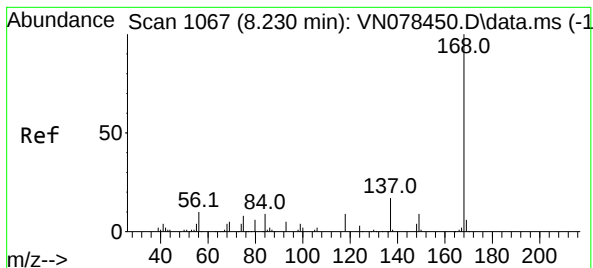
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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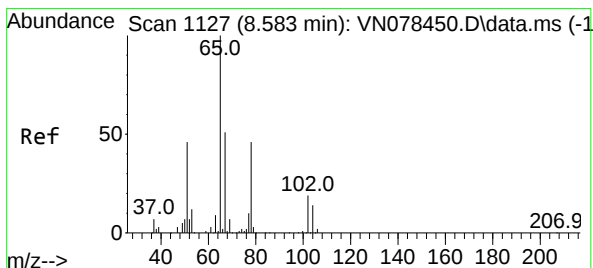
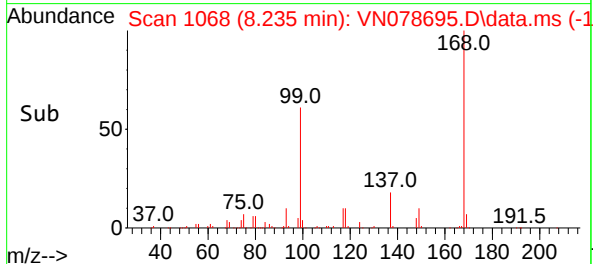
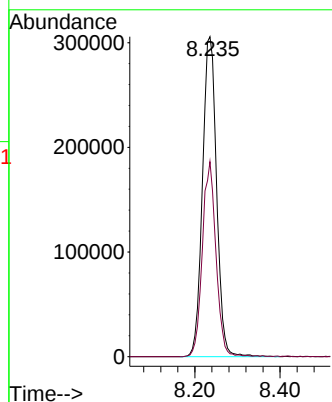
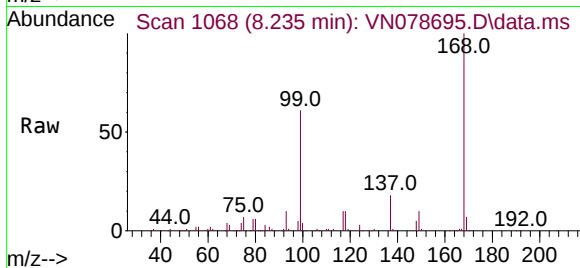




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1108
Delta R.T. 0.005 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

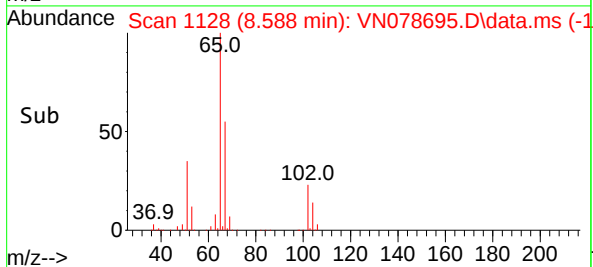
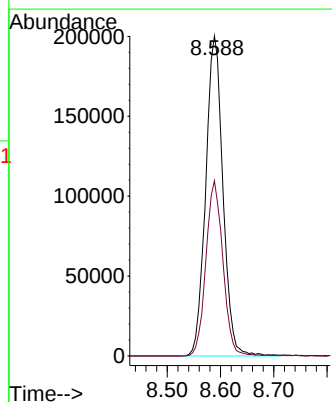
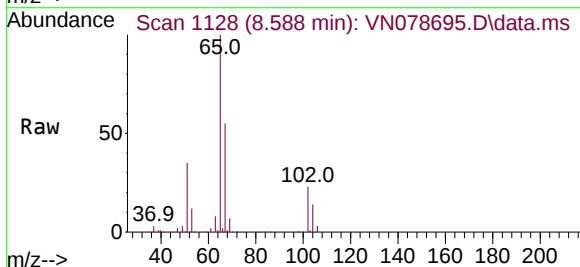
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

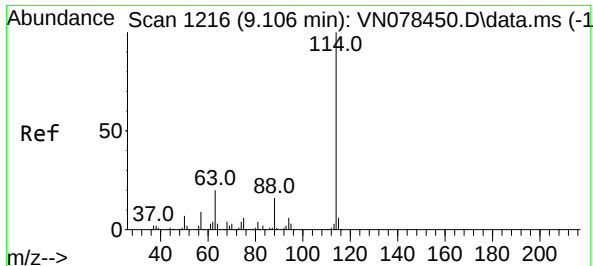
Tgt Ion:168 Resp: 702221
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.771 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 65 Resp: 449716
Ion Ratio Lower Upper
65 100
67 54.0 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: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

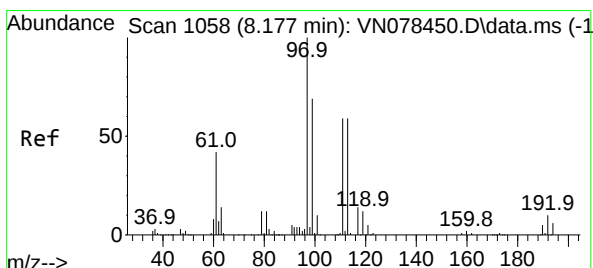
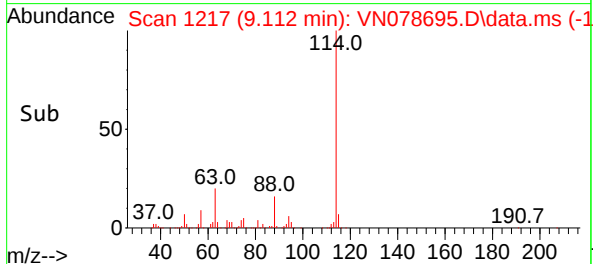
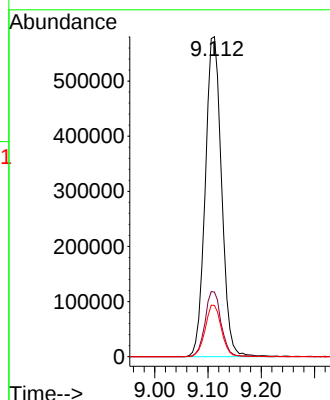
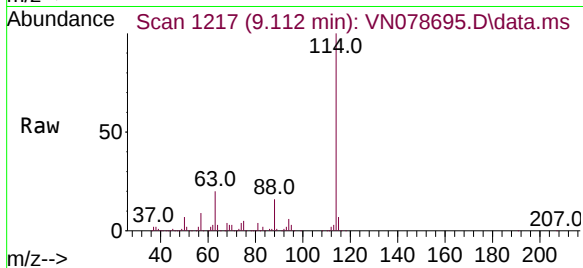
Tgt Ion:114 Resp: 1230735

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.645 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

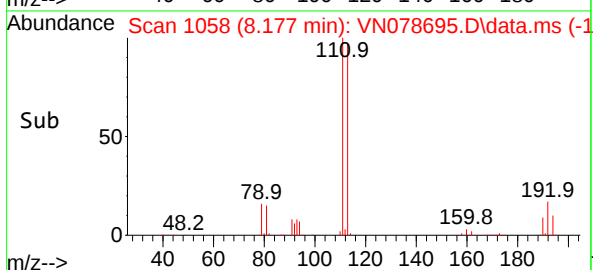
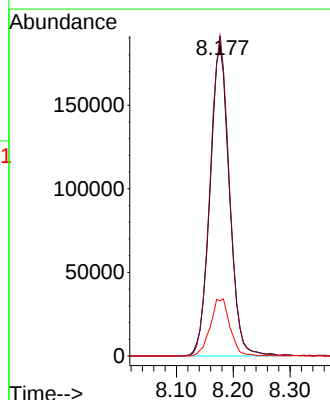
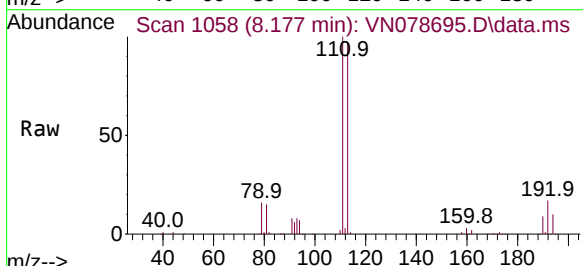
Tgt Ion:113 Resp: 439828

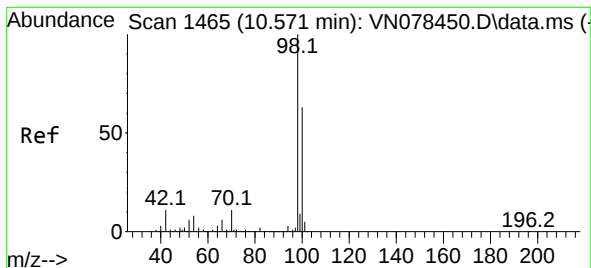
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.7 12.7 19.1

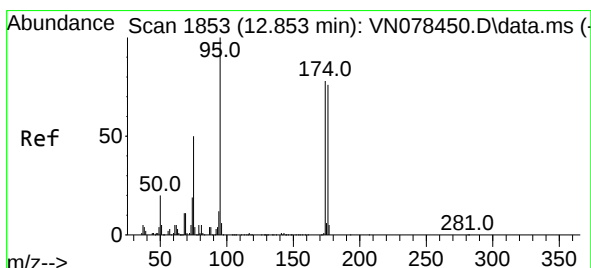
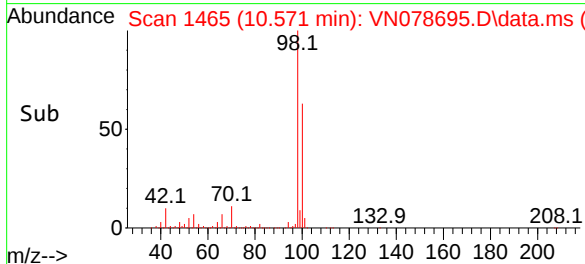
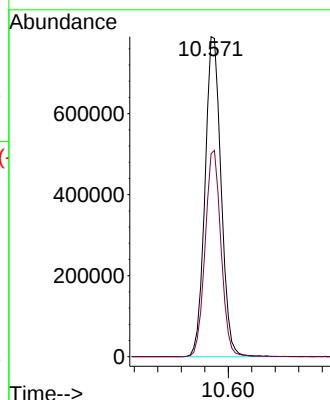
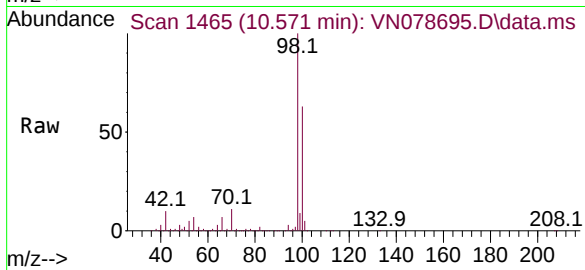




#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

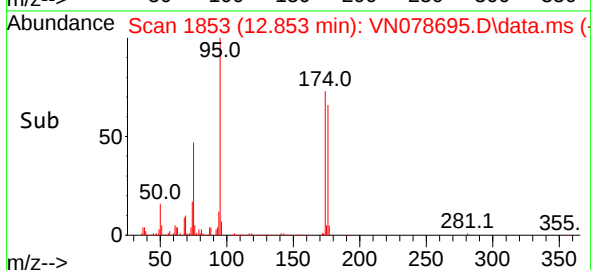
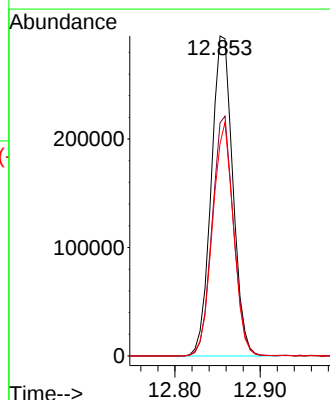
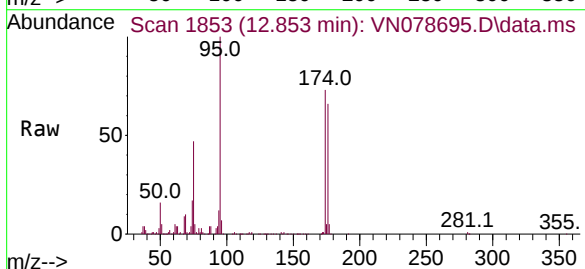
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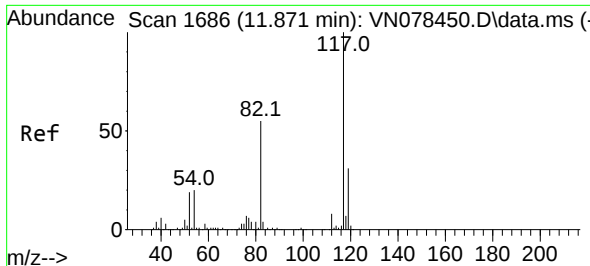
Tgt Ion: 98 Resp: 1502202
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.345 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 95 Resp: 518597
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.1 0.0 135.8

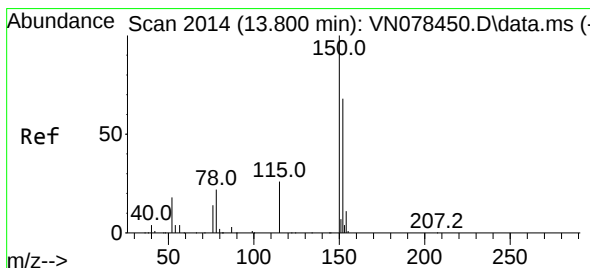
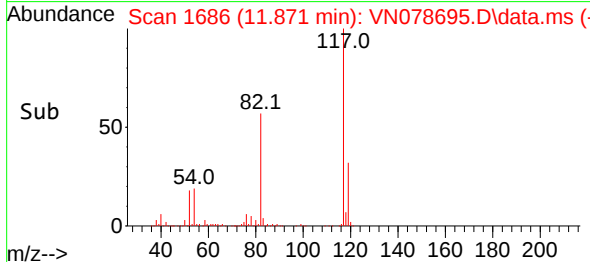
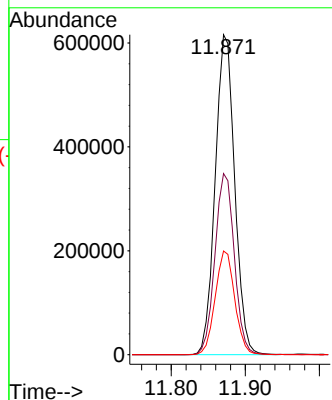
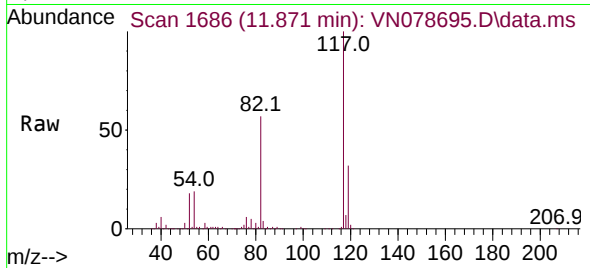




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 1125986
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.4 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: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion:152 Resp: 383803
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.8 0.0 355.8

