

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078694.D
 Acq On : 28 Jul 2023 18:55
 Operator : JC\MD
 Sample : 03820-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 29 00:53:39 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	649941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1186669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1061726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	343375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	422542	48.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.177	113	419221	52.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.576	98	1427570	46.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.853	95	471106	50.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%

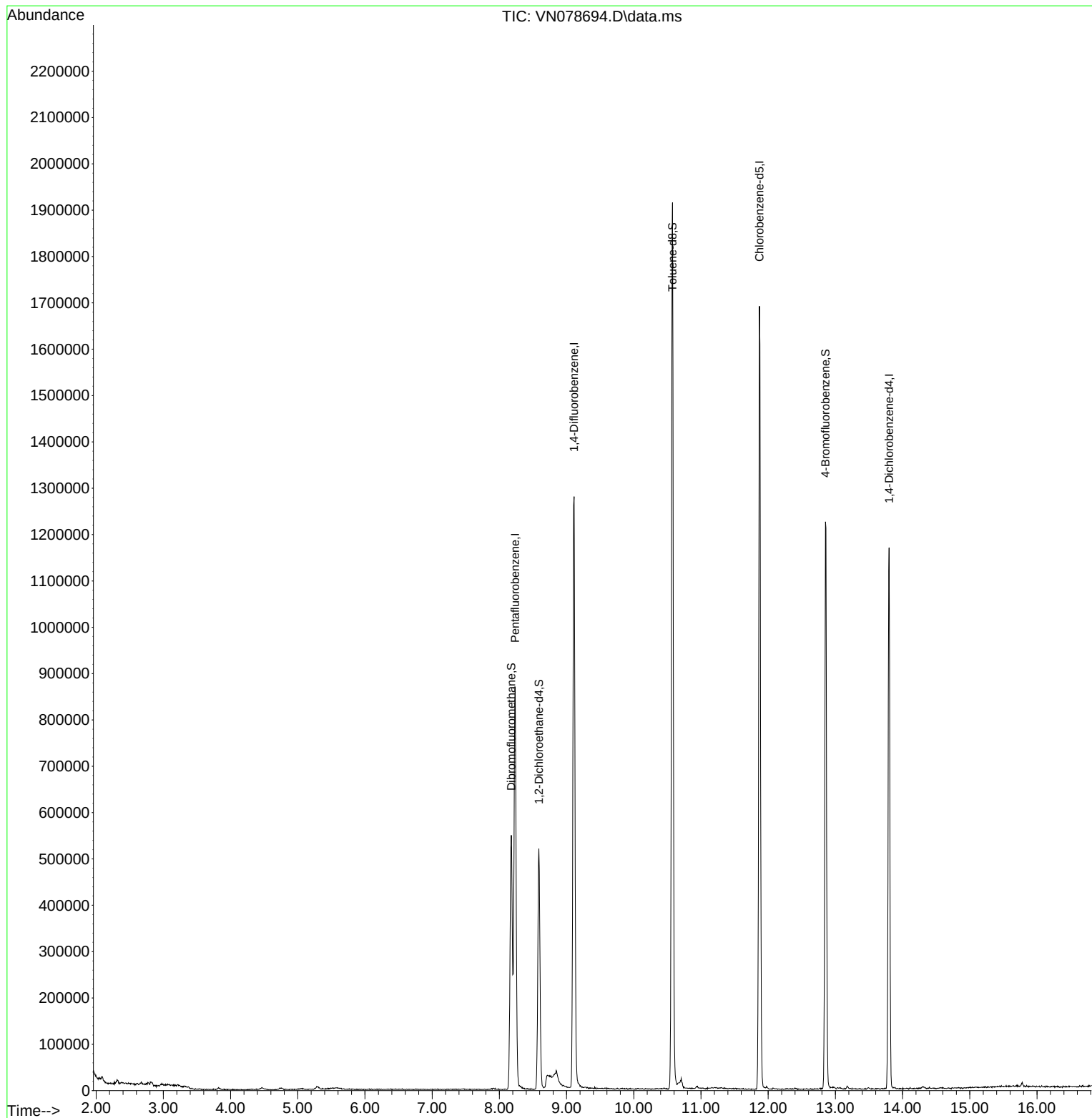
Target Compounds	Qvalue

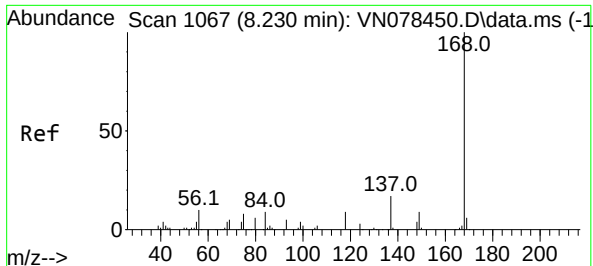
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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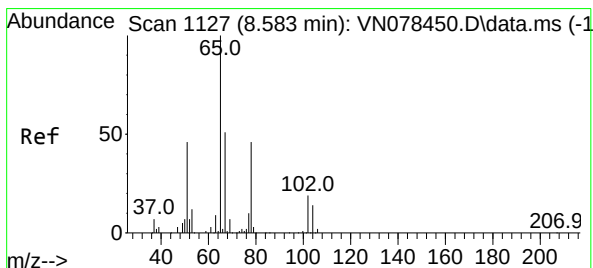
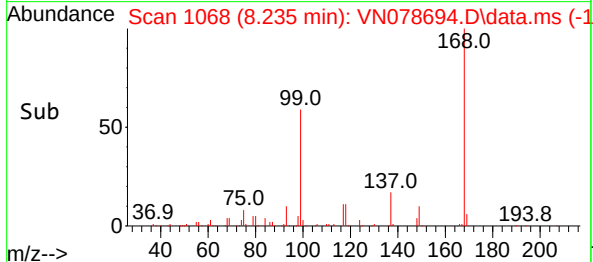
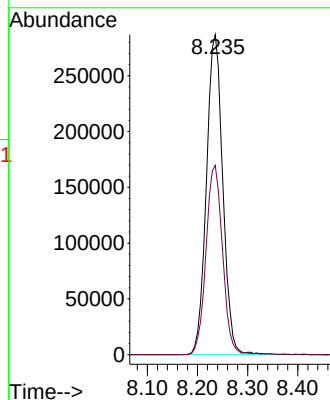
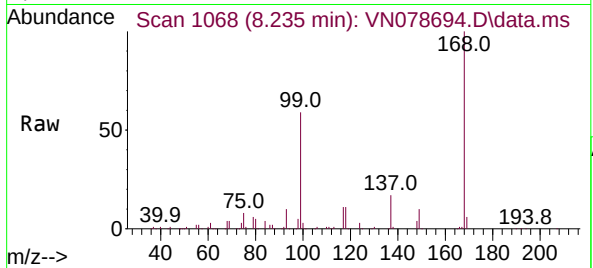




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078694.D
Acq: 28 Jul 2023 18:55

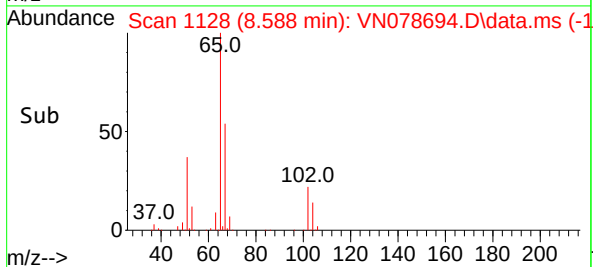
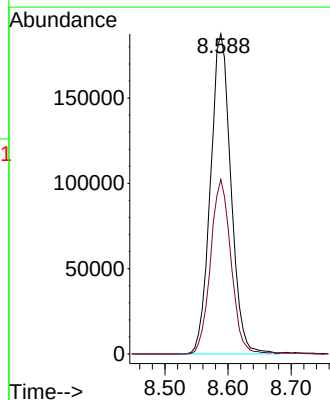
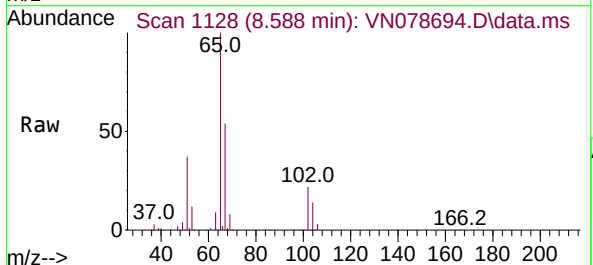
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

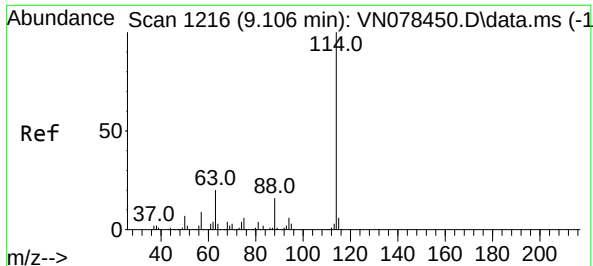
Tgt Ion:168 Resp: 649941
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.495 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078694.D
Acq: 28 Jul 2023 18:55

Tgt Ion: 65 Resp: 422542
Ion Ratio Lower Upper
65 100
67 54.4 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: VN078694.D

Acq: 28 Jul 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

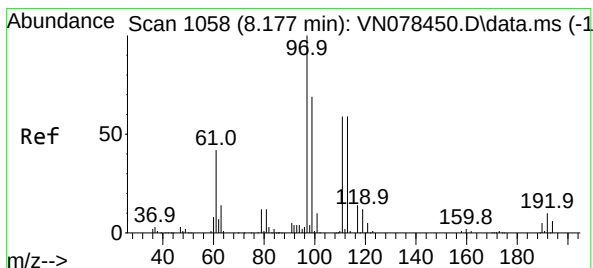
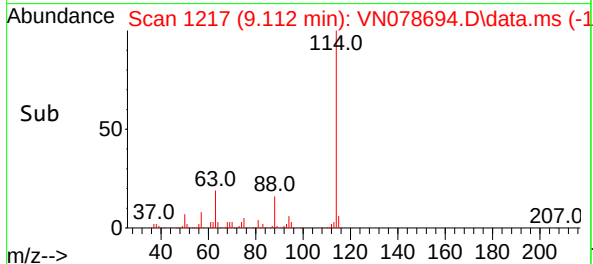
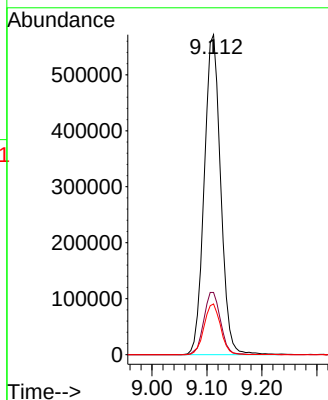
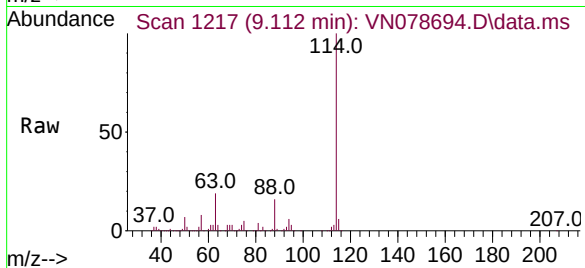
Tgt Ion:114 Resp: 1186669

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.042 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078694.D

Acq: 28 Jul 2023 18:55

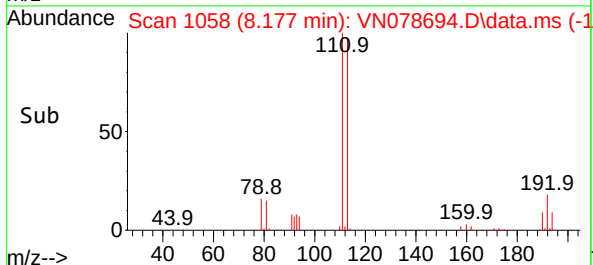
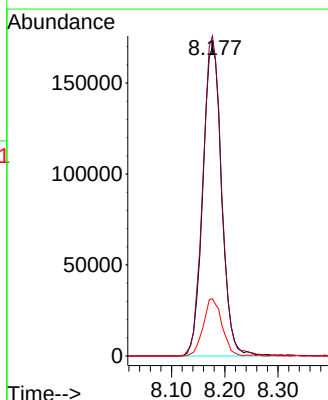
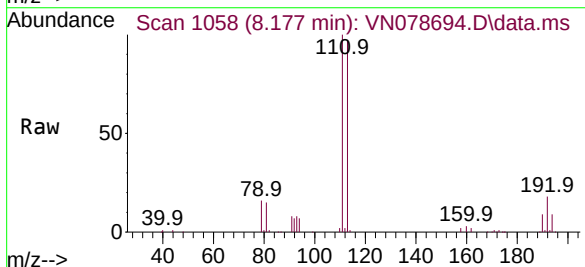
Tgt Ion:113 Resp: 419221

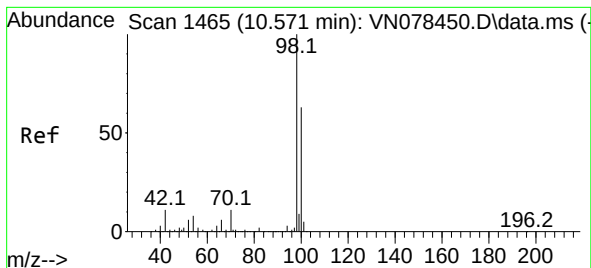
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.3 12.7 19.1

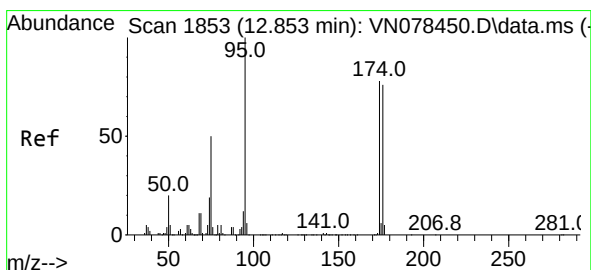
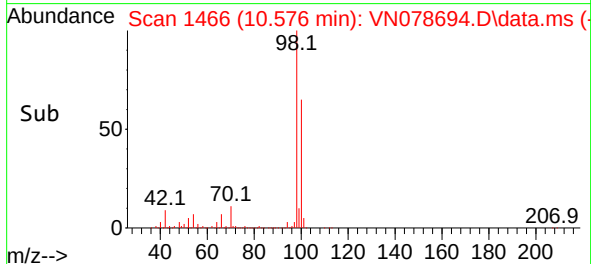
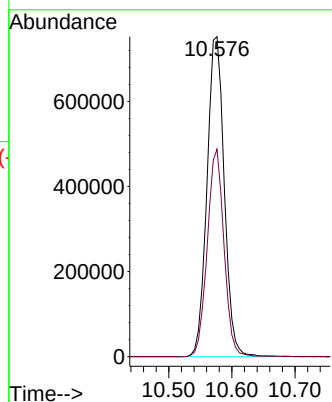
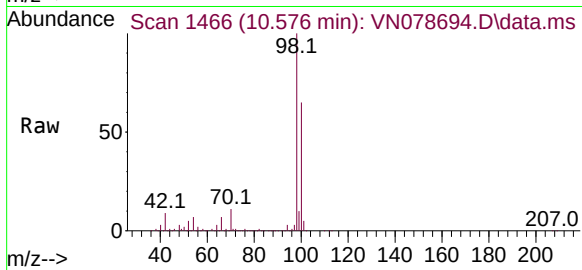




#50
Toluene-d8
Concen: 46.911 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078694.D
Acq: 28 Jul 2023 18:55

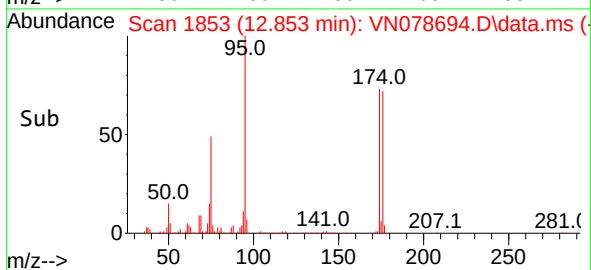
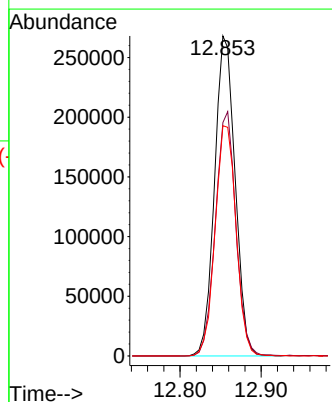
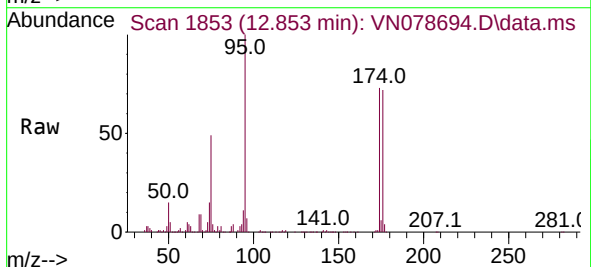
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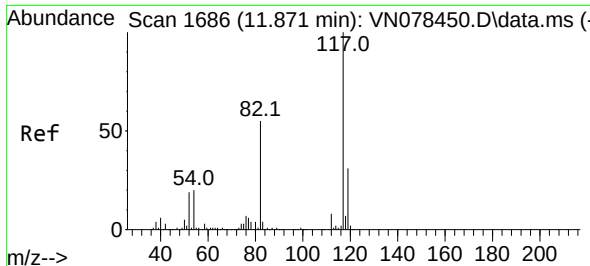
Tgt Ion: 98 Resp: 1427570
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078694.D
Acq: 28 Jul 2023 18:55

Tgt Ion: 95 Resp: 471106
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.5 0.0 135.8

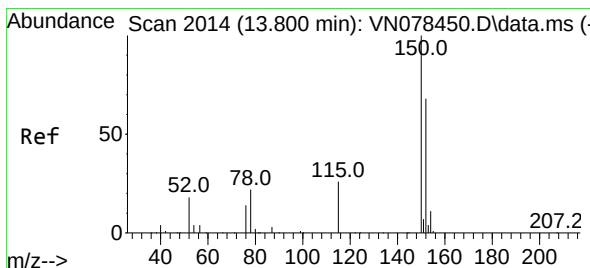
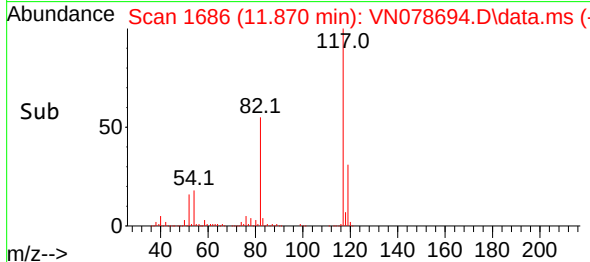
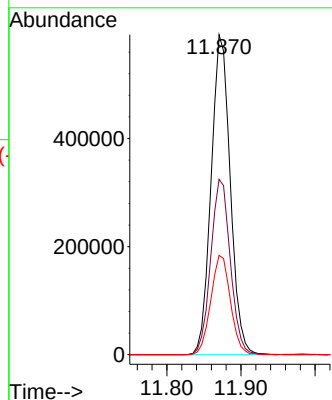
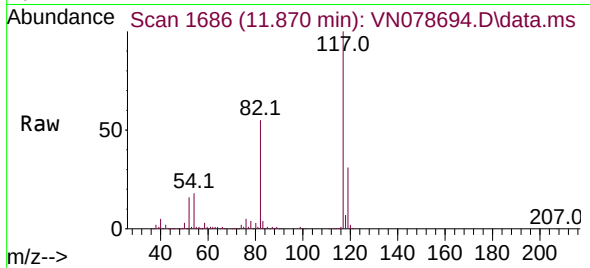




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078694.D
Acq: 28 Jul 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 1061726
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.1 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: VN078694.D
Acq: 28 Jul 2023 18:55

Tgt Ion:152 Resp: 343375
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 155.9 0.0 355.8

