

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078516.D
 Acq On : 14 Jul 2023 12:45
 Operator : JC\MD
 Sample : 03624-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 15 04:00:10 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	412181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	730703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	675115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274361	49.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	8.177	113	279439	56.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.680%
50) Toluene-d8	10.571	98	853645	45.556	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.853	95	291093	50.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.860%

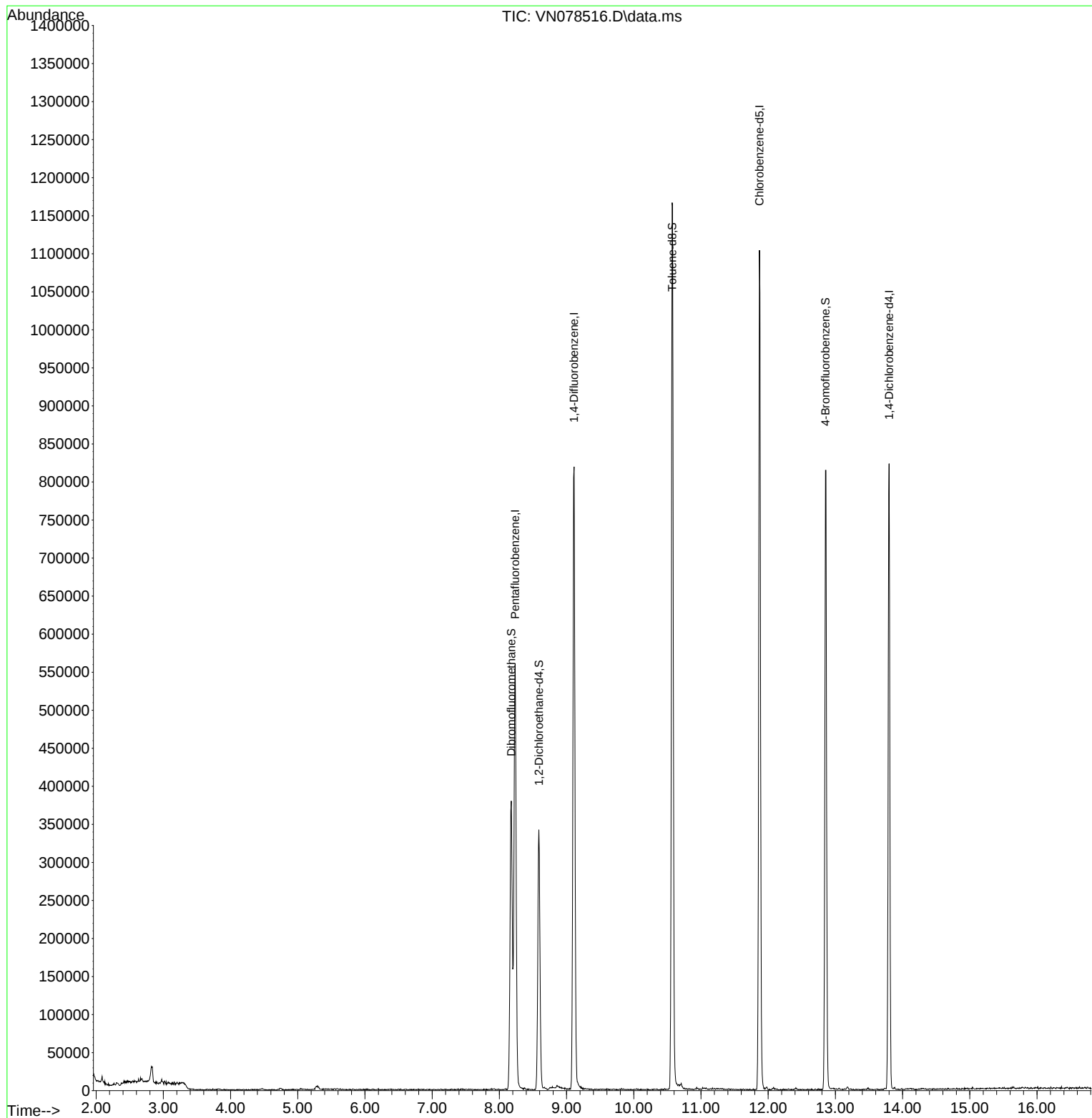
Target Compounds	Qvalue

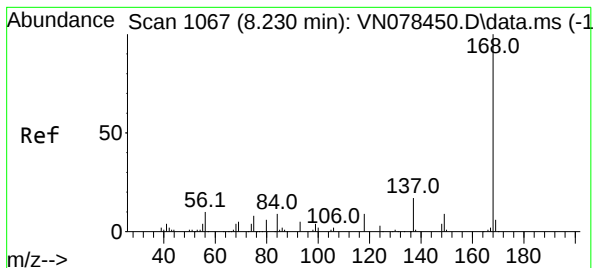
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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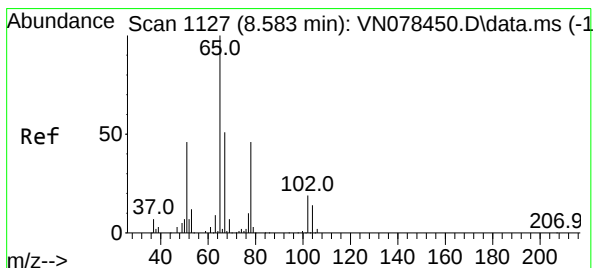
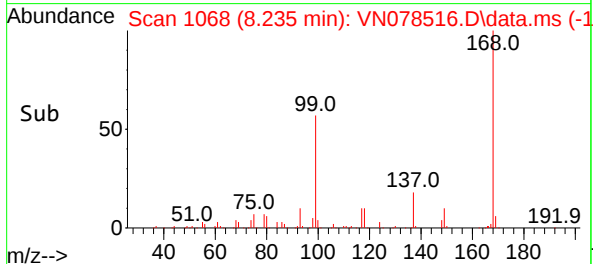
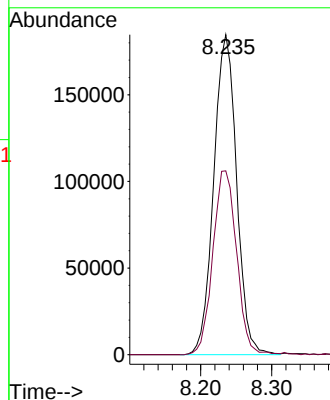
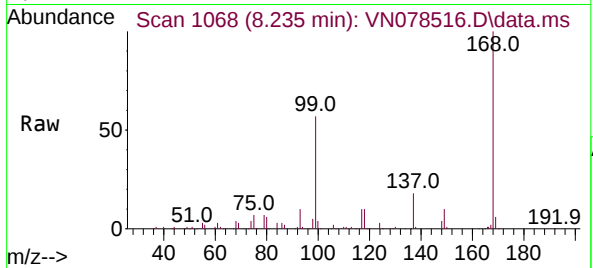




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078516.D
Acq: 14 Jul 2023 12:45

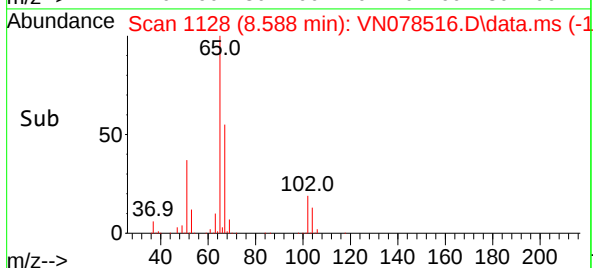
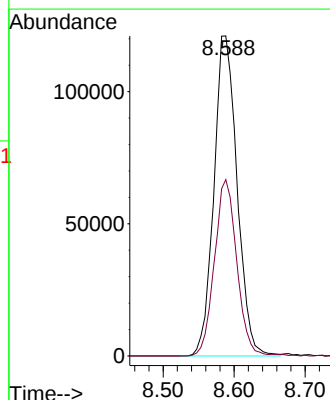
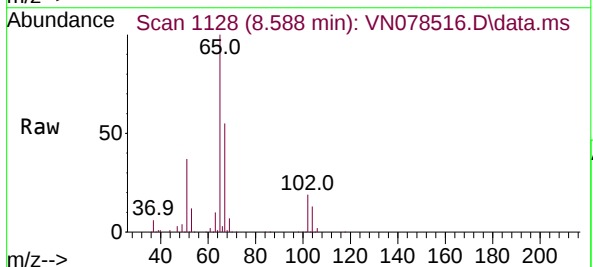
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

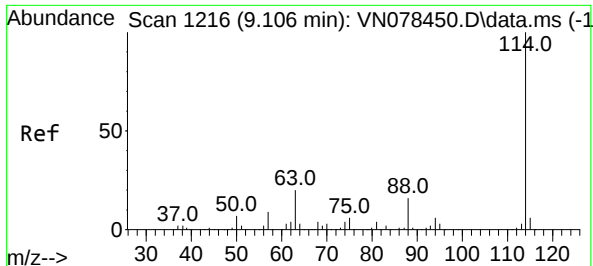
Tgt Ion:168 Resp: 412181
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.652 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078516.D
Acq: 14 Jul 2023 12:45

Tgt Ion: 65 Resp: 274361
Ion Ratio Lower Upper
65 100
67 53.2 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: VN078516.D

Acq: 14 Jul 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

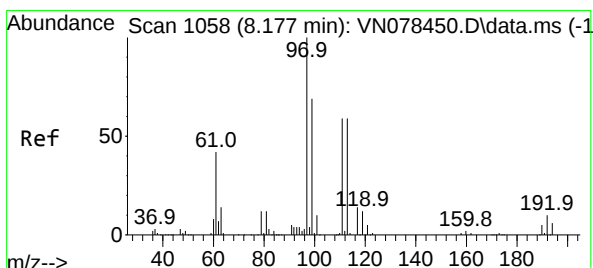
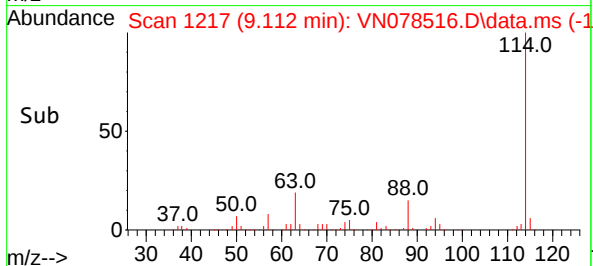
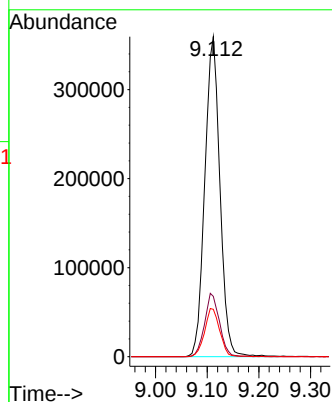
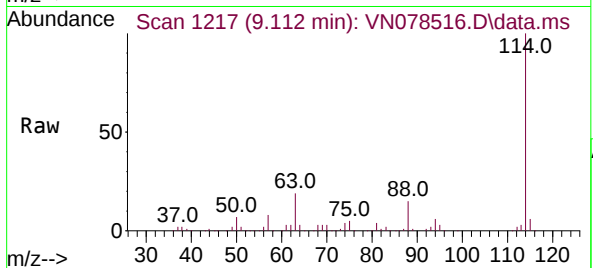
Tgt Ion:114 Resp: 730703

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.336 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078516.D

Acq: 14 Jul 2023 12:45

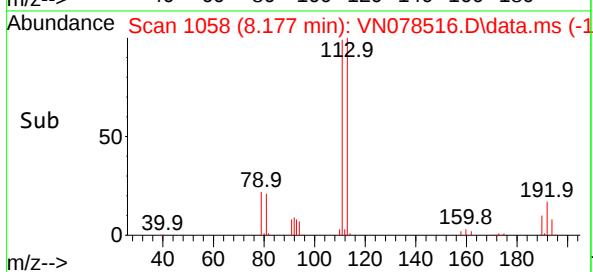
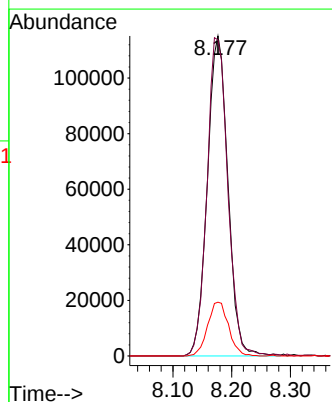
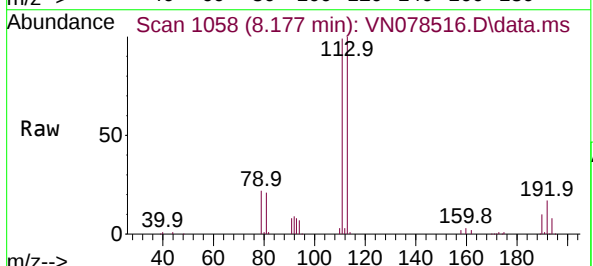
Tgt Ion:113 Resp: 279439

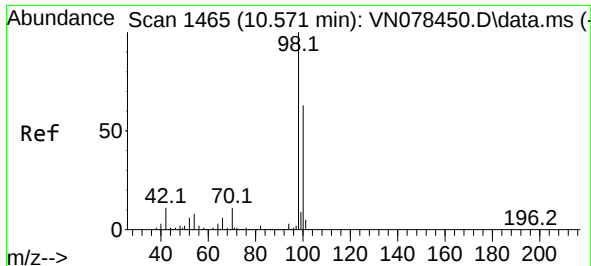
Ion Ratio Lower Upper

113 100

111 100.4 82.6 123.8

192 17.1 12.7 19.1

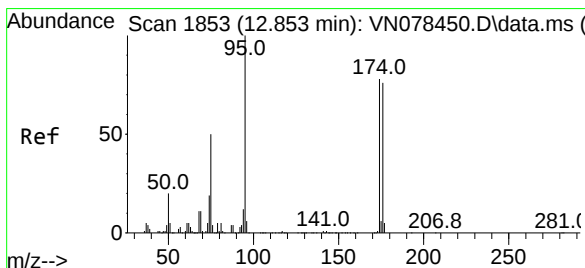
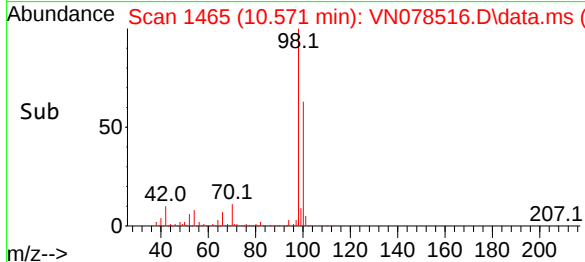
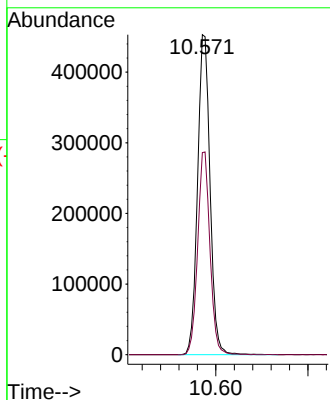
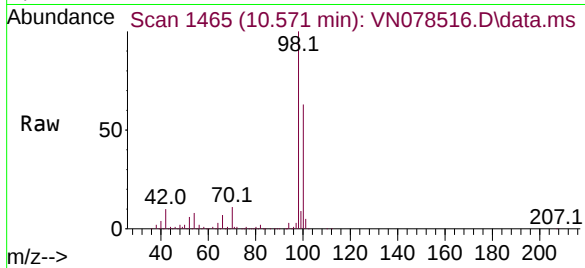




#50
Toluene-d8
Concen: 45.556 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078516.D
Acq: 14 Jul 2023 12:45

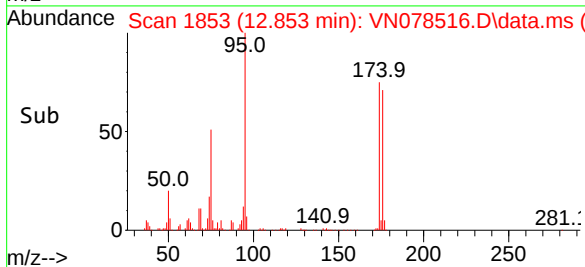
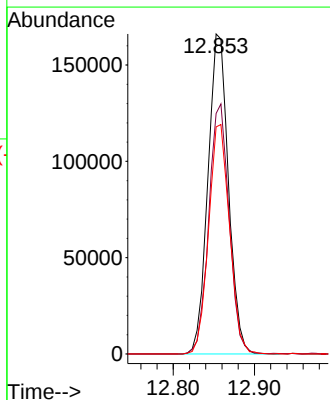
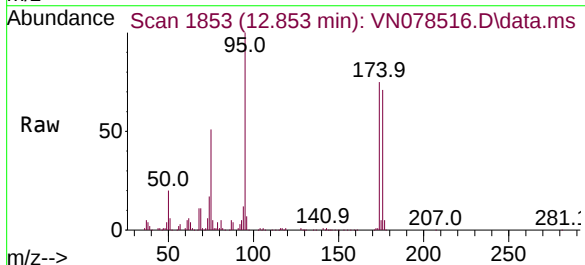
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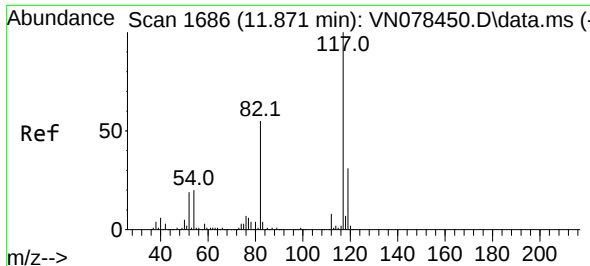
Tgt Ion: 98 Resp: 853645
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.434 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078516.D
Acq: 14 Jul 2023 12:45

Tgt Ion: 95 Resp: 291093
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.2 0.0 135.8

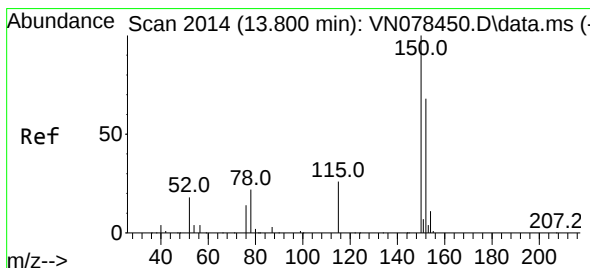
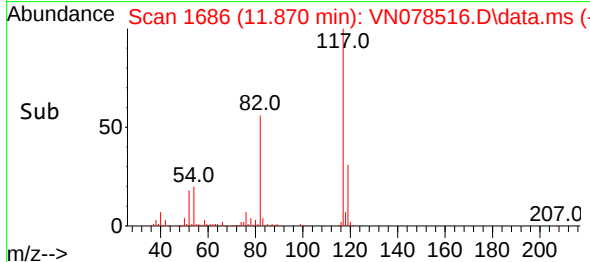
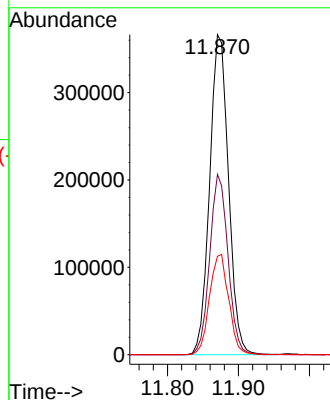
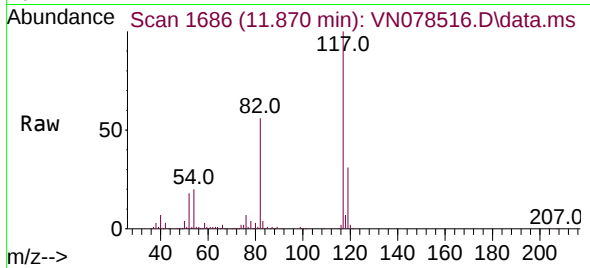




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078516.D
Acq: 14 Jul 2023 12:45

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

Tgt Ion:117 Resp: 675115
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 30.7 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: VN078516.D
Acq: 14 Jul 2023 12:45

Tgt Ion:152 Resp: 225781
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.2 0.0 355.8

