

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078616.D
 Acq On : 21 Jul 2023 16:12
 Operator : JC\MD
 Sample : 03704-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 21 23:26:21 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	416009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	693822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	276792	49.631	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.177	113	276110	54.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.571	98	887733	46.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.853	95	302804	51.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.340%

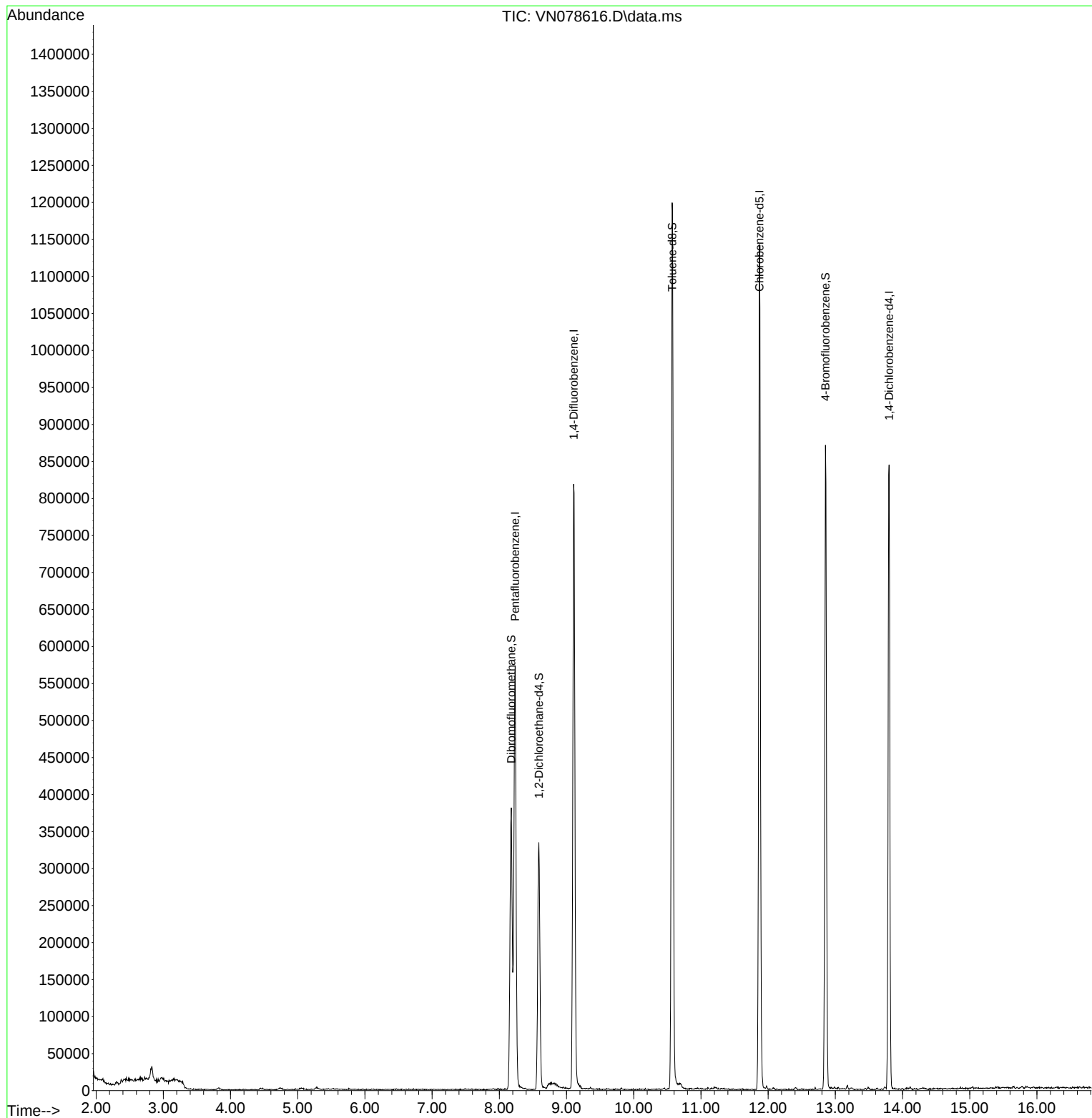
Target Compounds	Qvalue

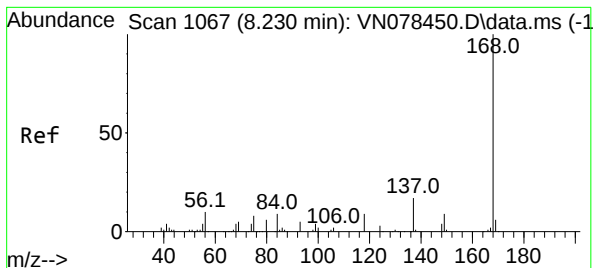
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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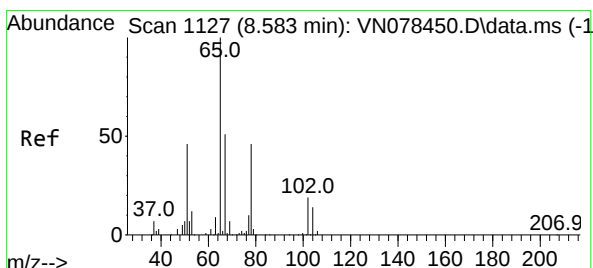
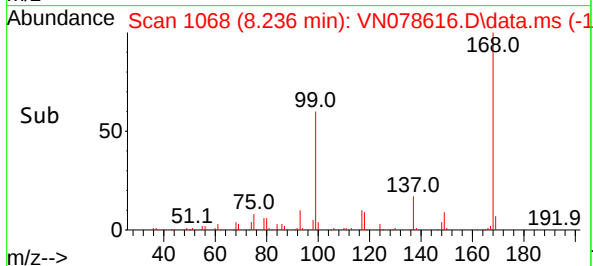
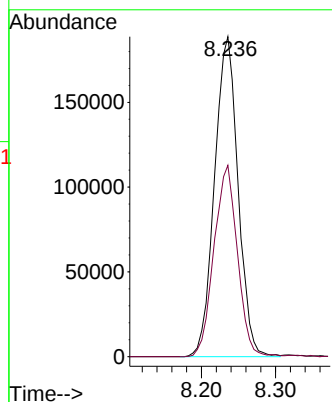
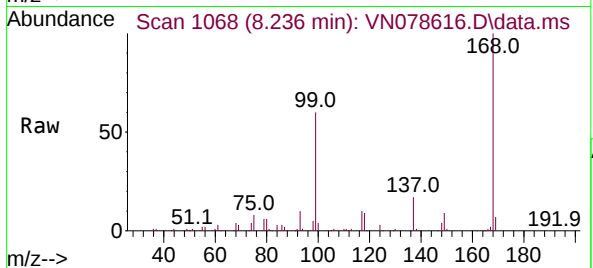




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VN078616.D
Acq: 21 Jul 2023 16:12

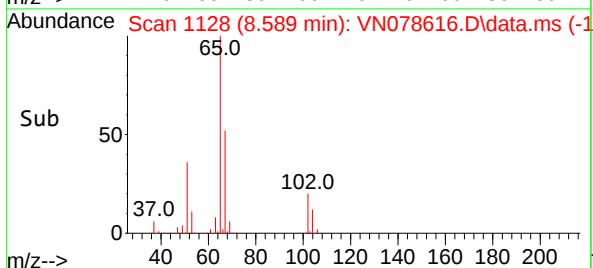
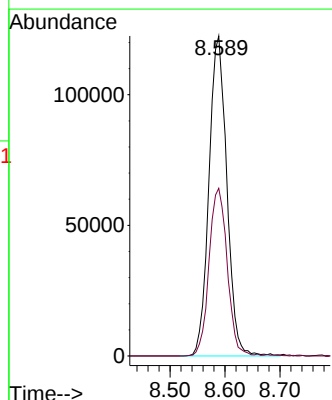
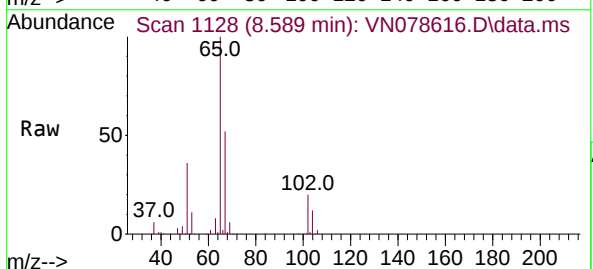
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

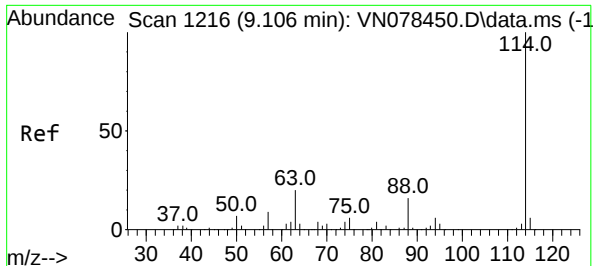
Tgt Ion:168 Resp: 416009
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.631 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078616.D
Acq: 21 Jul 2023 16:12

Tgt Ion: 65 Resp: 276792
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078616.D

Acq: 21 Jul 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

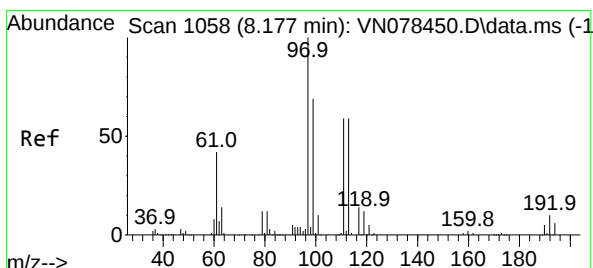
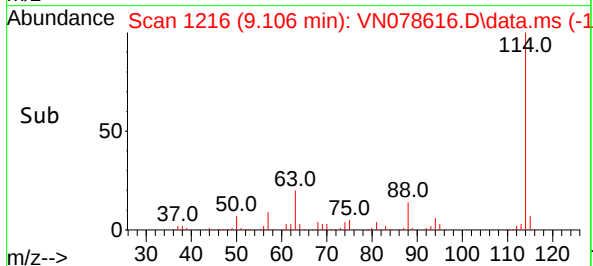
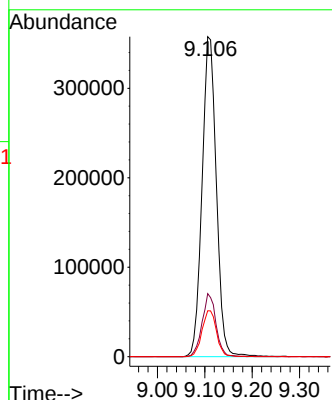
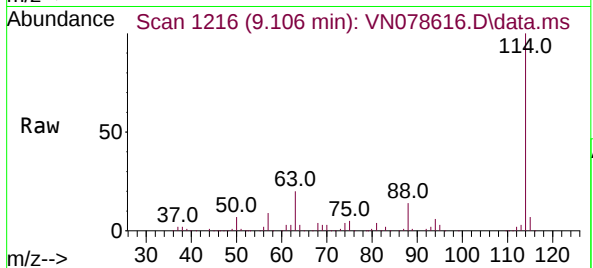
Tgt Ion:114 Resp: 749159

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.293 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078616.D

Acq: 21 Jul 2023 16:12

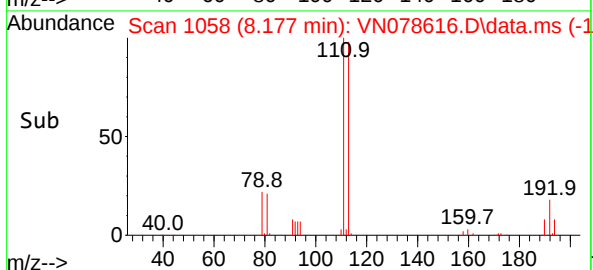
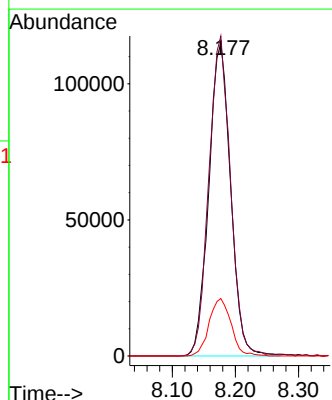
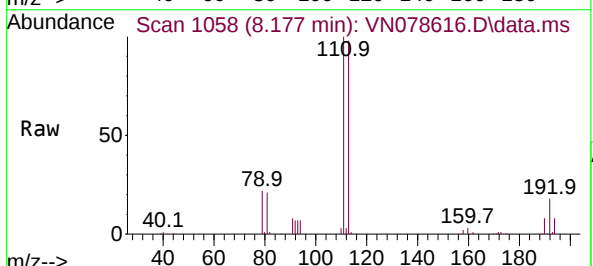
Tgt Ion:113 Resp: 276110

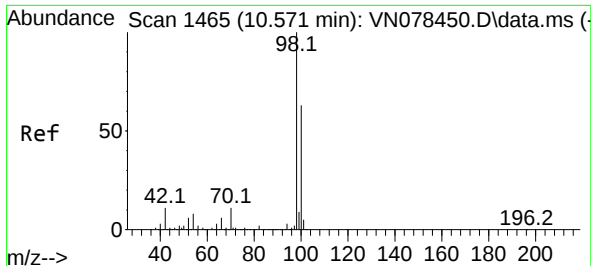
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 18.4 12.7 19.1

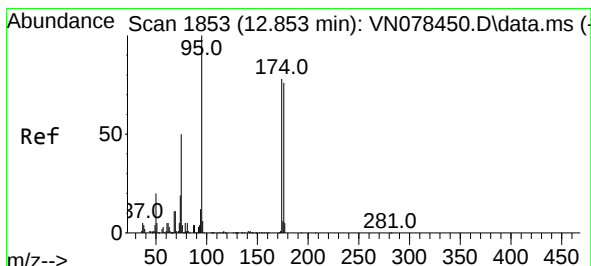
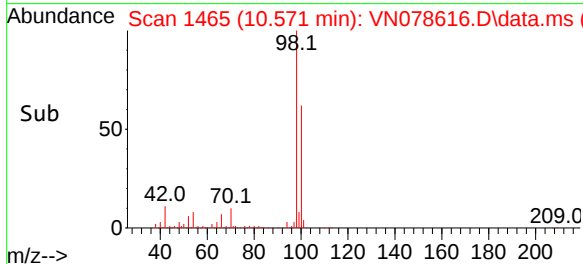
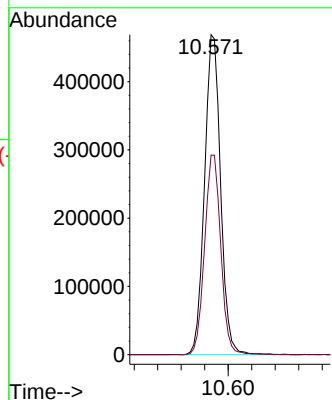
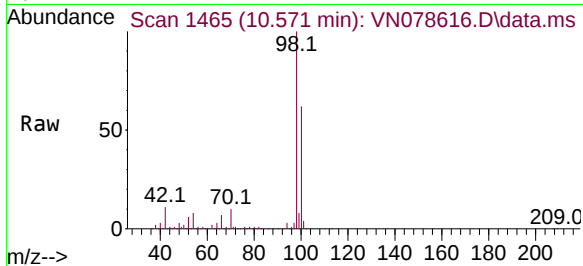




#50
Toluene-d8
Concen: 46.208 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078616.D
Acq: 21 Jul 2023 16:12

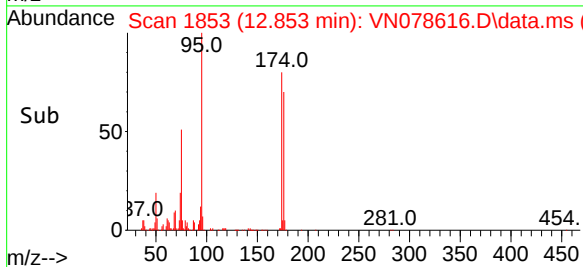
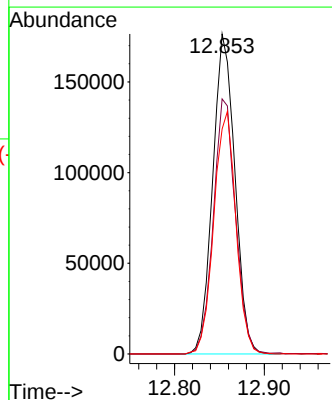
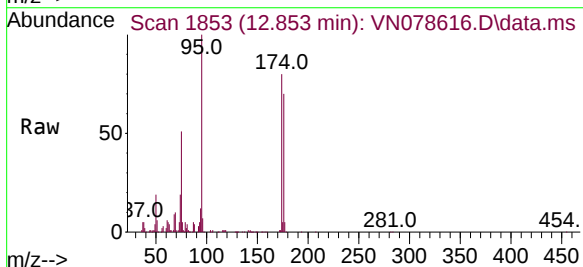
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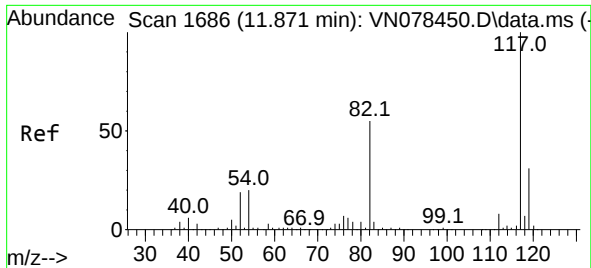
Tgt Ion: 98 Resp: 887733
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.170 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078616.D
Acq: 21 Jul 2023 16:12

Tgt Ion: 95 Resp: 302804
Ion Ratio Lower Upper
95 100
174 80.1 0.0 143.8
176 75.5 0.0 135.8

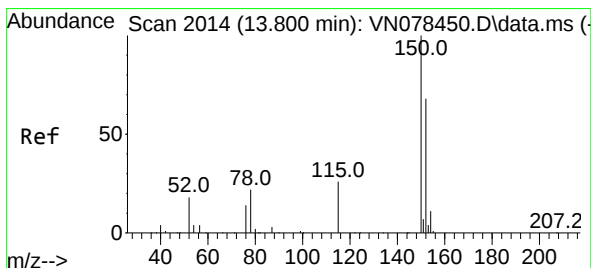
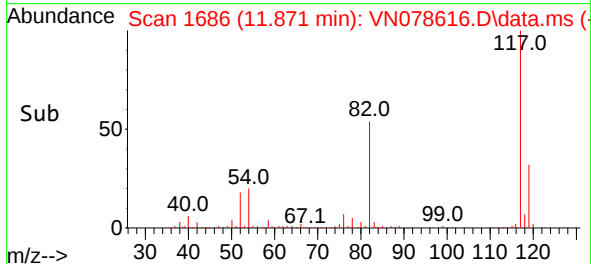
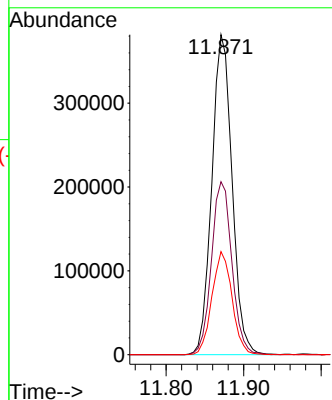
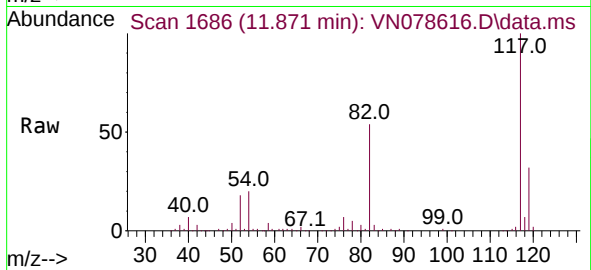




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078616.D
Acq: 21 Jul 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 693822
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 32.2 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: VN078616.D
Acq: 21 Jul 2023 16:12

Tgt Ion:152 Resp: 234873
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 161.5 0.0 355.8

