

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078619.D
 Acq On : 21 Jul 2023 17:25
 Operator : JC\MD
 Sample : 03704-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 21 23:27:21 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	406301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	748472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	682023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274728	50.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.880%
35) Dibromofluoromethane	8.177	113	276817	54.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.960%
50) Toluene-d8	10.577	98	877330	45.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.853	95	291903	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.740%

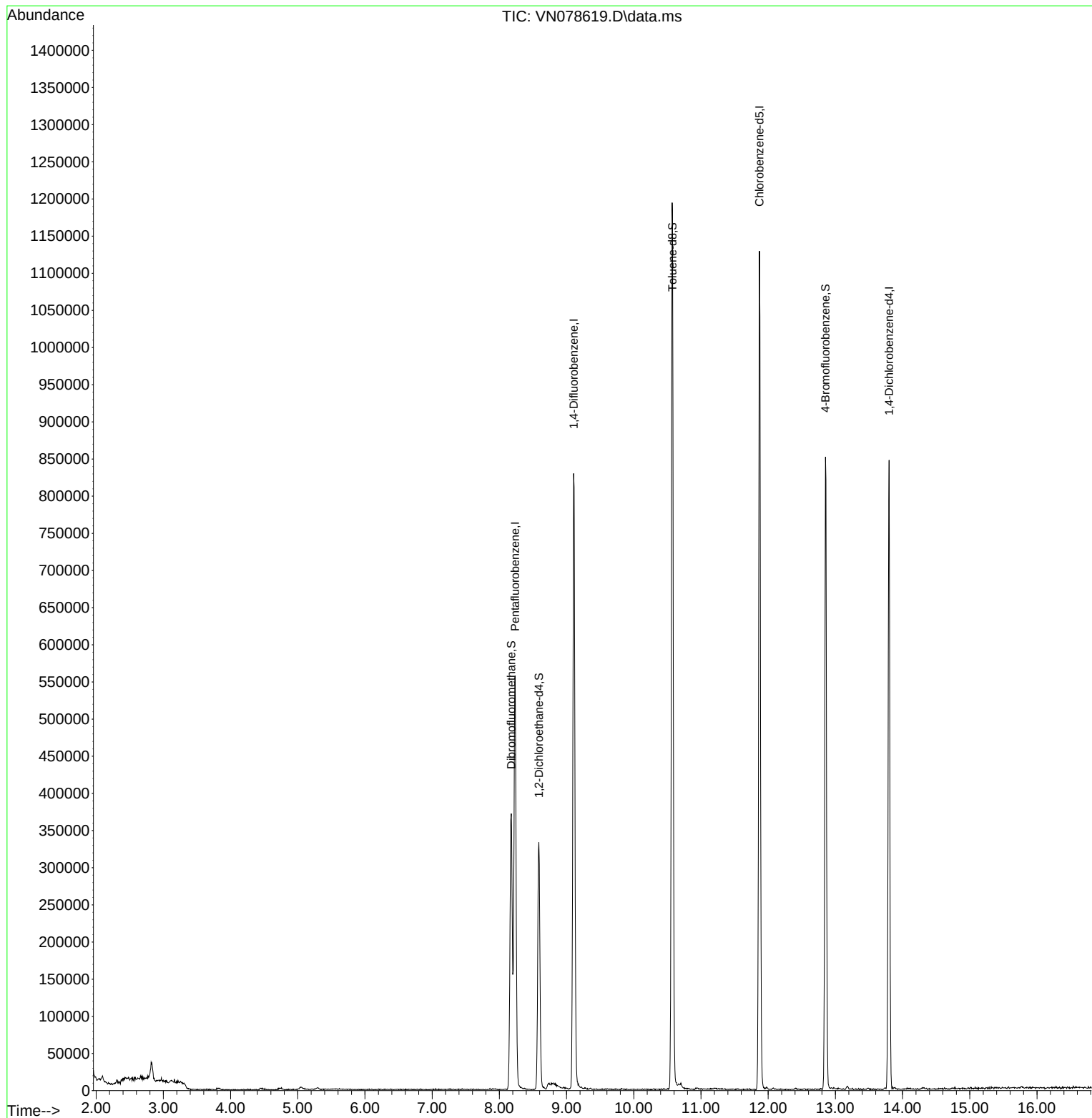
Target Compounds	Qvalue

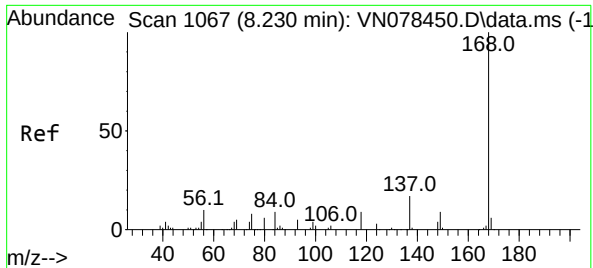
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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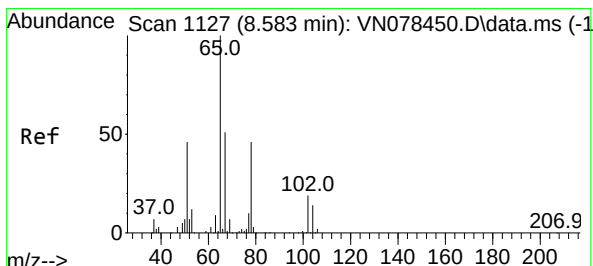
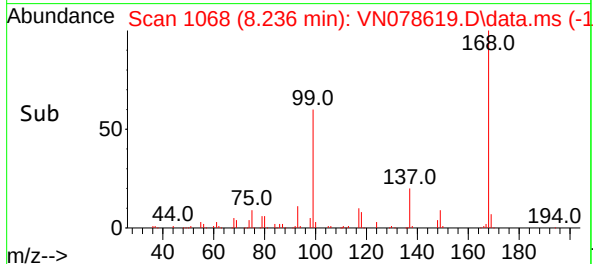
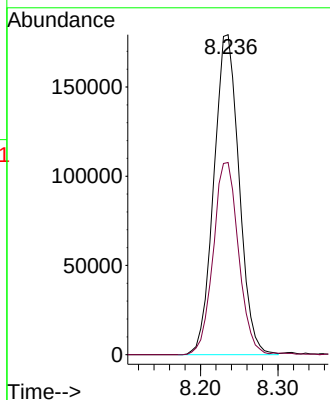
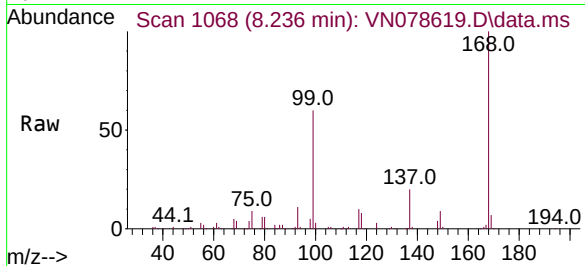




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078619.D
Acq: 21 Jul 2023 17:25

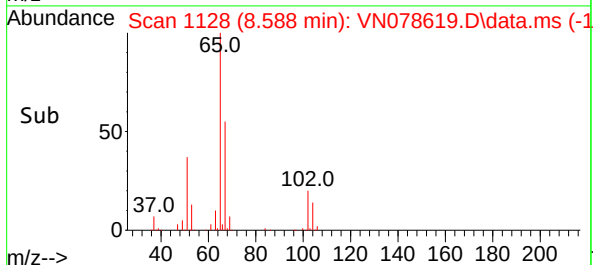
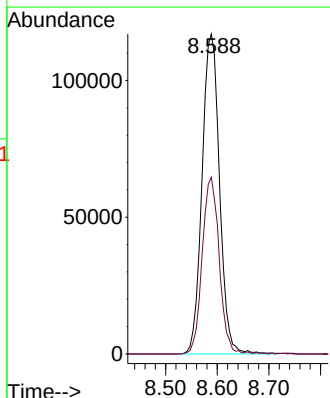
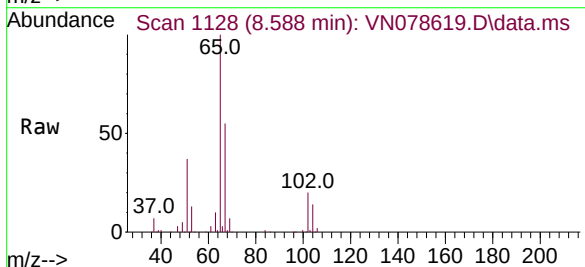
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

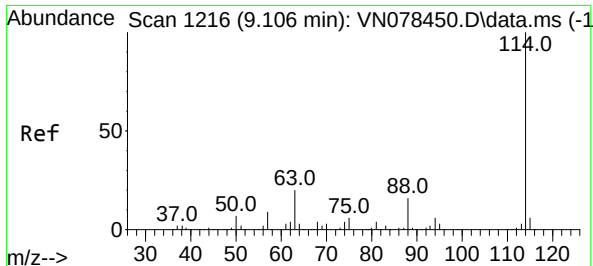
Tgt Ion:168 Resp: 406301
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.438 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078619.D
Acq: 21 Jul 2023 17:25

Tgt Ion: 65 Resp: 274728
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

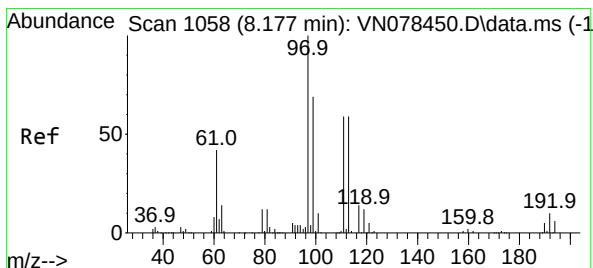
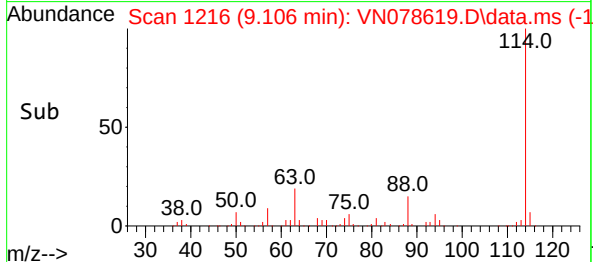
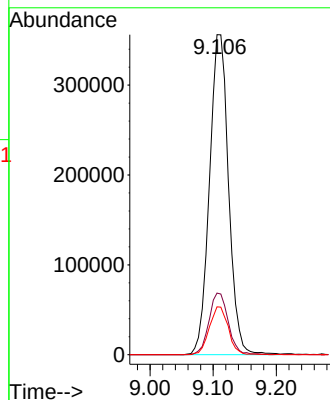
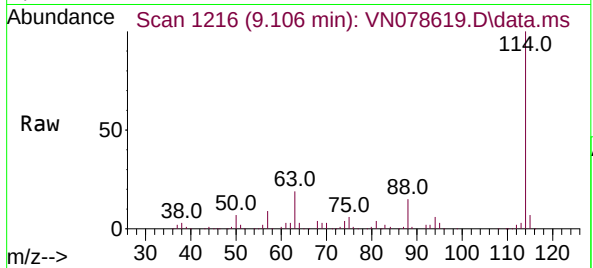




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078619.D
Acq: 21 Jul 2023 17:25

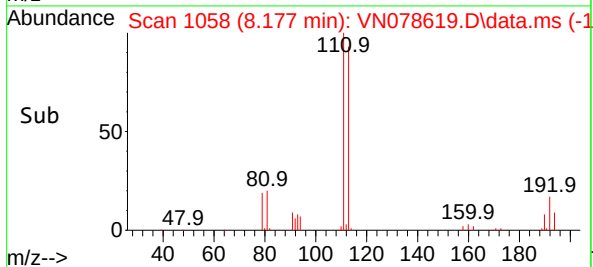
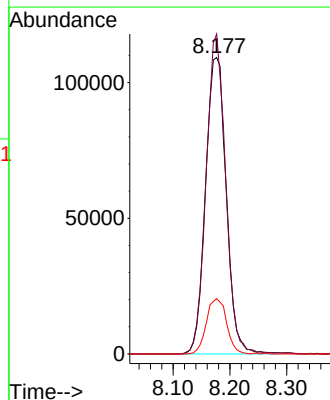
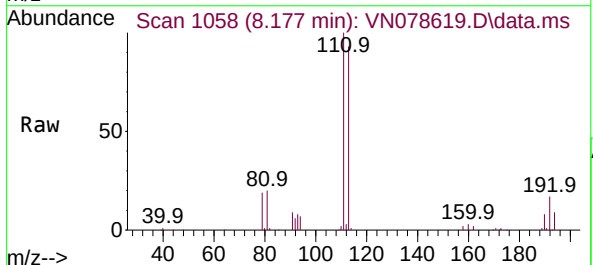
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

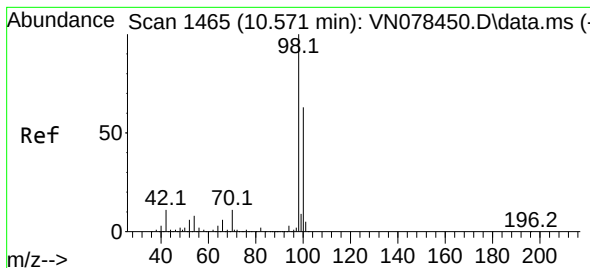
Tgt Ion:114 Resp: 748472
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.482 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078619.D
Acq: 21 Jul 2023 17:25

Tgt Ion:113 Resp: 276817
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 18.1 12.7 19.1





#50

Toluene-d8

Concen: 45.709 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078619.D

Acq: 21 Jul 2023 17:25

Instrument :

MSVOA_N

ClientSampleId :

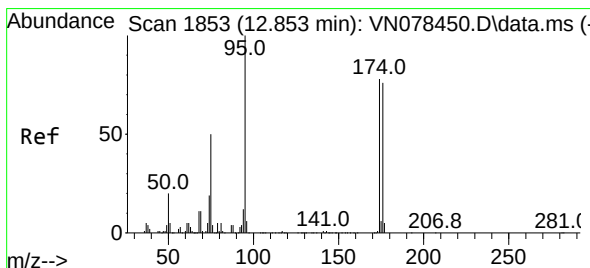
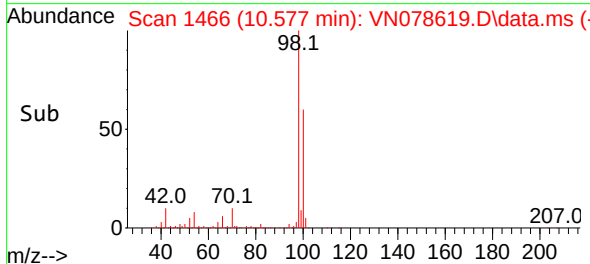
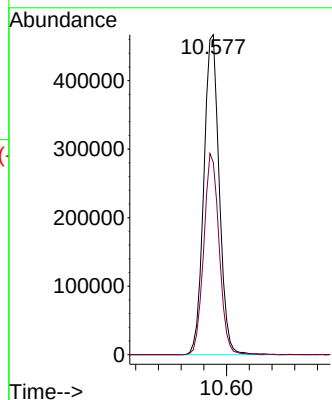
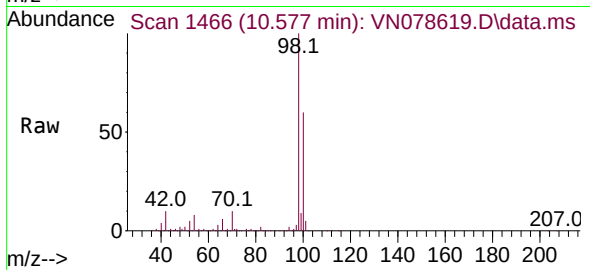
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 877330

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.373 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078619.D

Acq: 21 Jul 2023 17:25

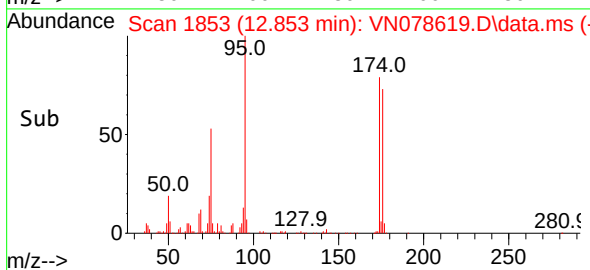
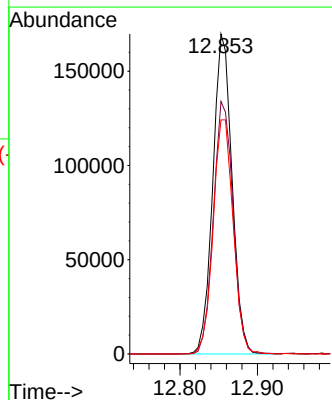
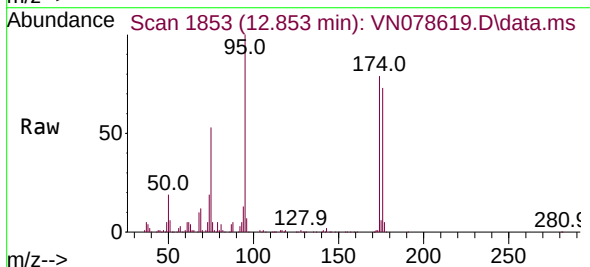
Tgt Ion: 95 Resp: 291903

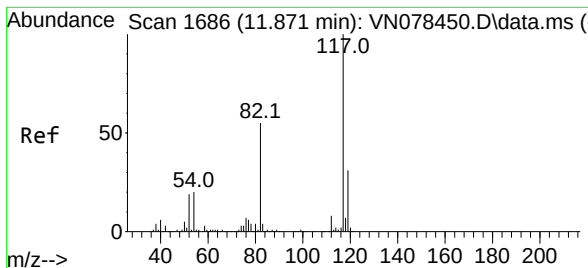
Ion Ratio Lower Upper

95 100

174 80.8 0.0 143.8

176 76.3 0.0 135.8

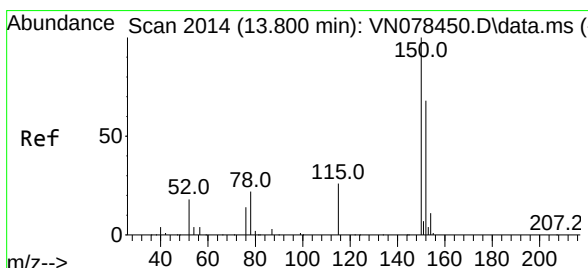
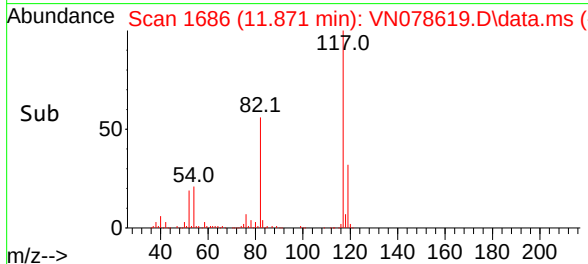
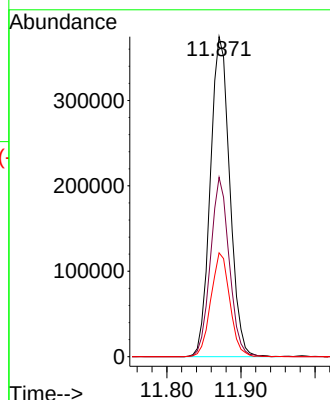
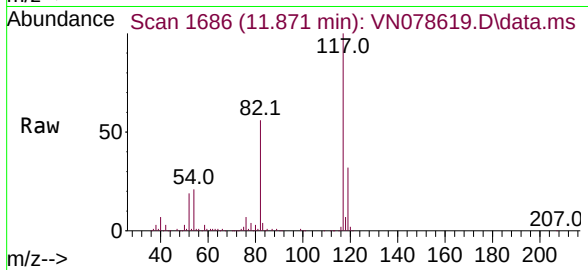




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078619.D
Acq: 21 Jul 2023 17:25

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

Tgt Ion:117 Resp: 682023
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.5 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: VN078619.D
Acq: 21 Jul 2023 17:25

Tgt Ion:152 Resp: 229044
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 159.7 0.0 355.8

