

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080411.D
 Acq On : 08 Dec 2023 17:09
 Operator : JC\MD
 Sample : 05729-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 08 22:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	287523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	552594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	227676	47.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
35) Dibromofluoromethane	8.165	113	201029	49.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	10.571	98	722949	49.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.853	95	300504	54.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.260%

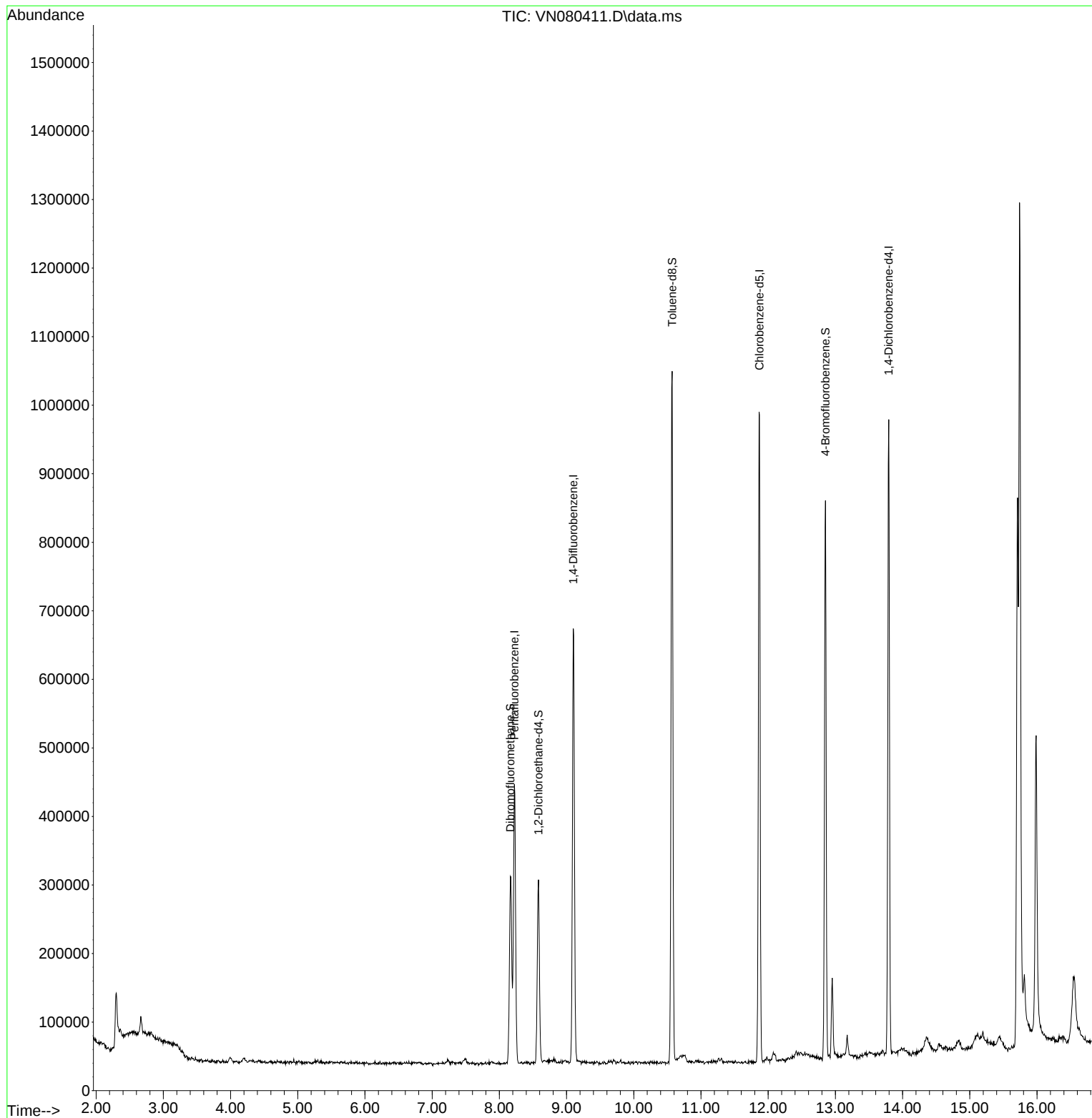
Target Compounds	Qvalue

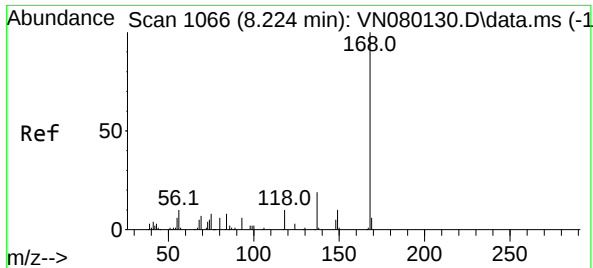
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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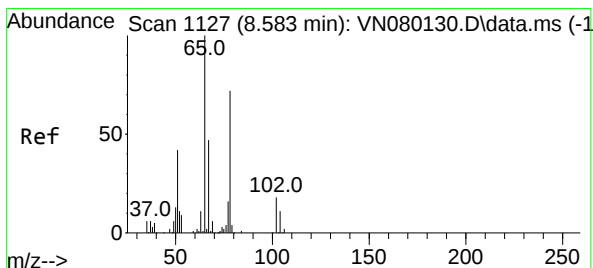
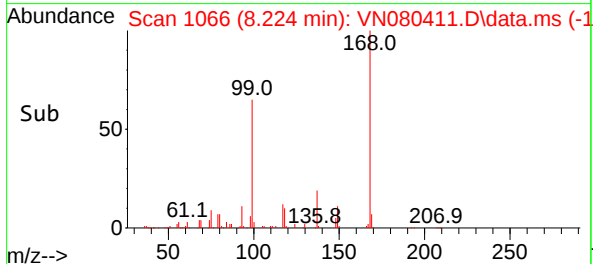
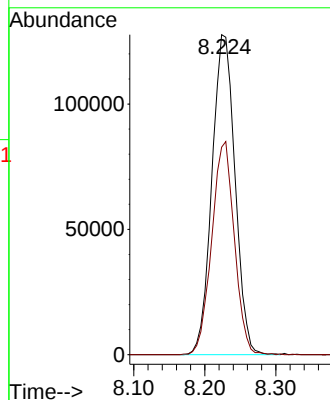
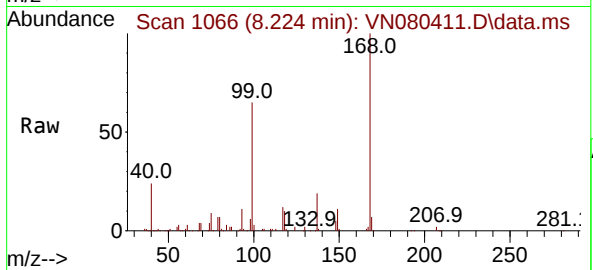




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080411.D
Acq: 08 Dec 2023 17:09

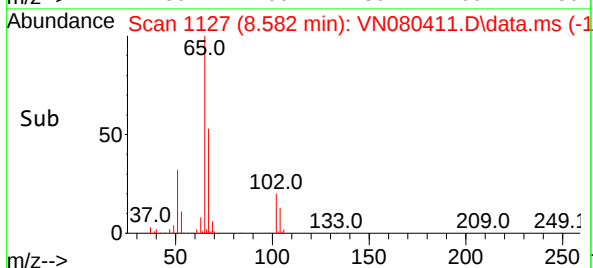
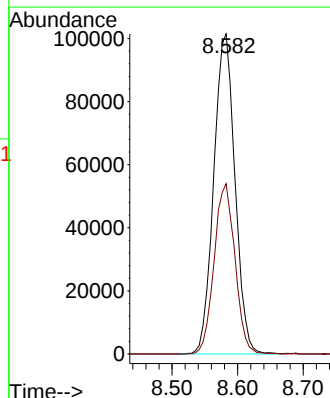
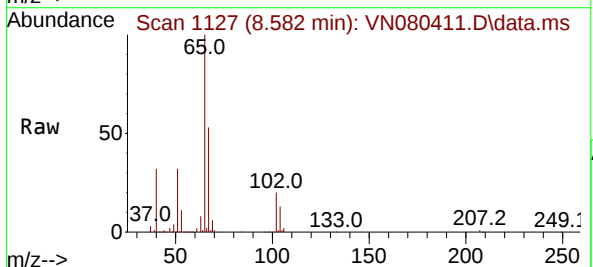
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

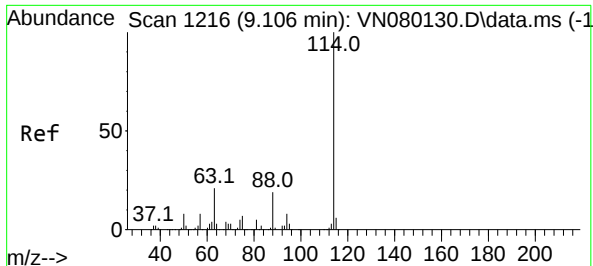
Tgt Ion:168 Resp: 287523
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.957 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080411.D
Acq: 08 Dec 2023 17:09

Tgt Ion: 65 Resp: 227676
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080411.D

Acq: 08 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

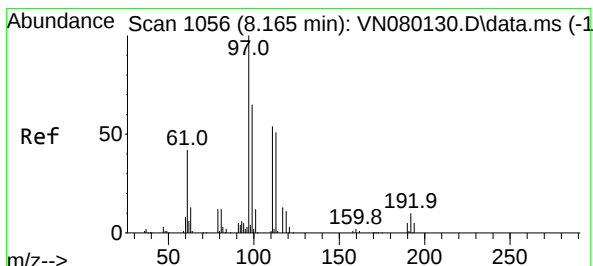
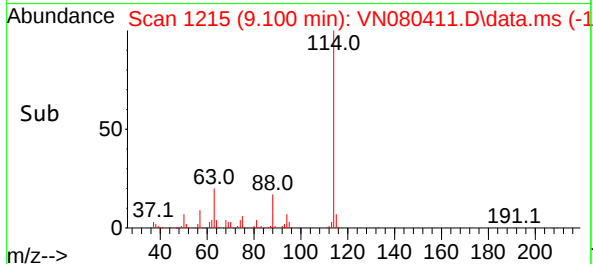
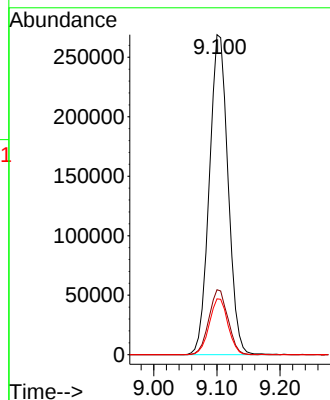
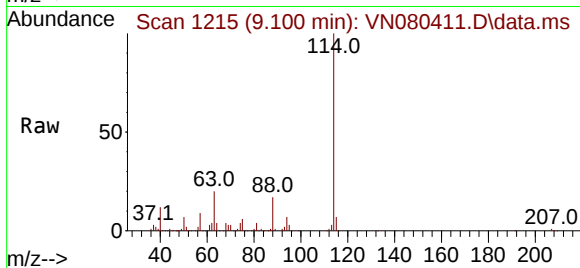
Tgt Ion:114 Resp: 552594

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080411.D

Acq: 08 Dec 2023 17:09

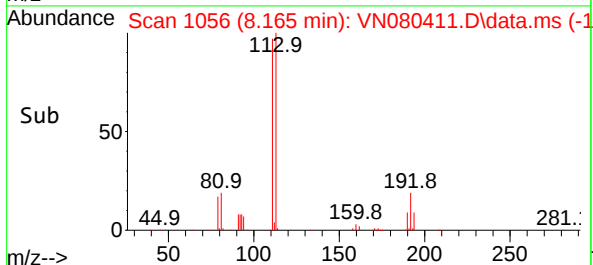
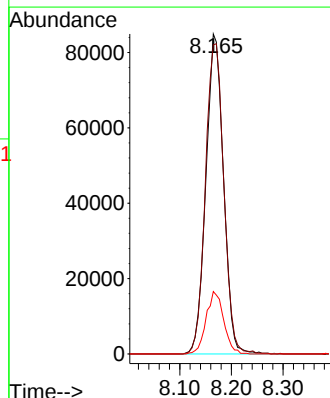
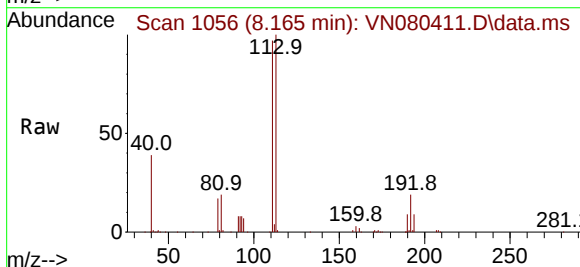
Tgt Ion:113 Resp: 201029

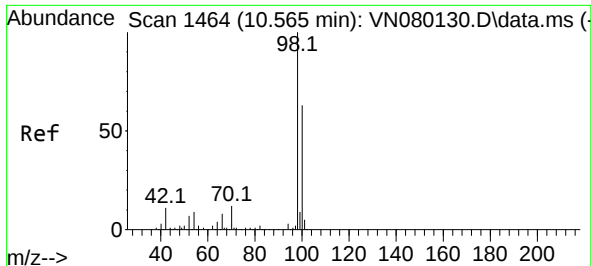
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 19.5 12.7 19.1#

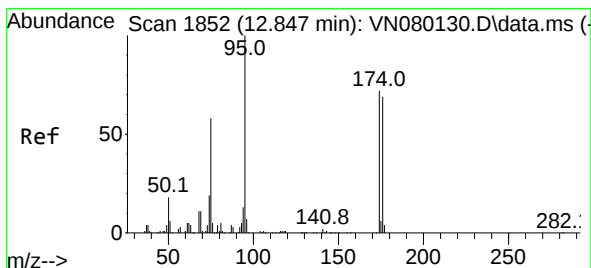
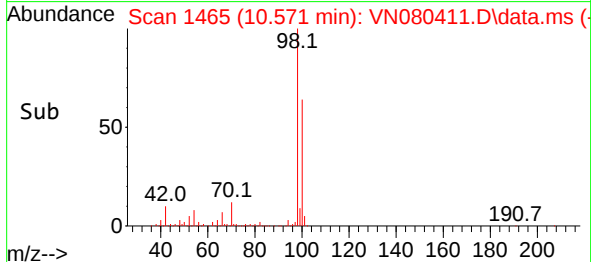
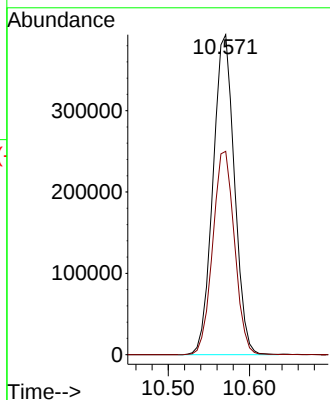
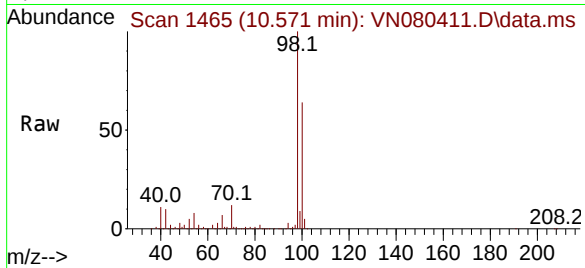




#50
Toluene-d8
Concen: 49.186 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080411.D
Acq: 08 Dec 2023 17:09

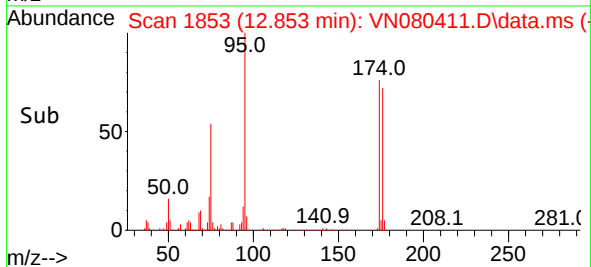
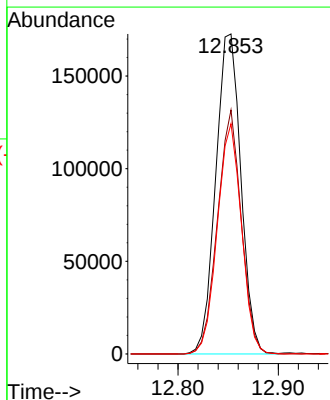
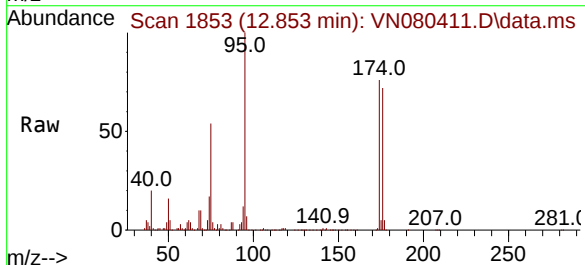
Instrument :
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ClientSampleId :
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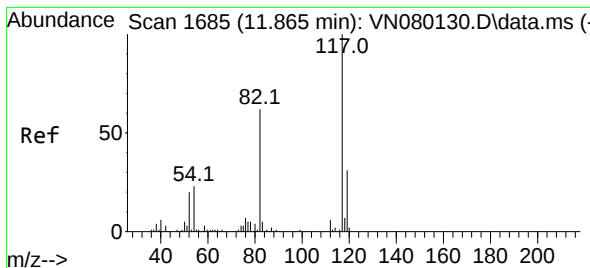
Tgt Ion: 98 Resp: 722949
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.128 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080411.D
Acq: 08 Dec 2023 17:09

Tgt Ion: 95 Resp: 300504
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 68.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080411.D

Acq: 08 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

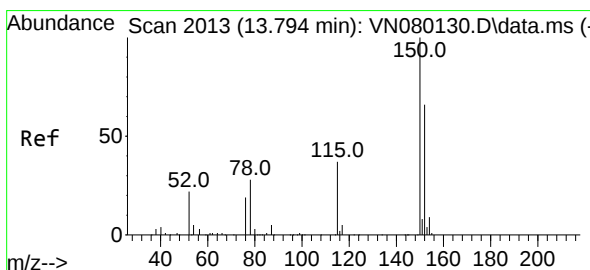
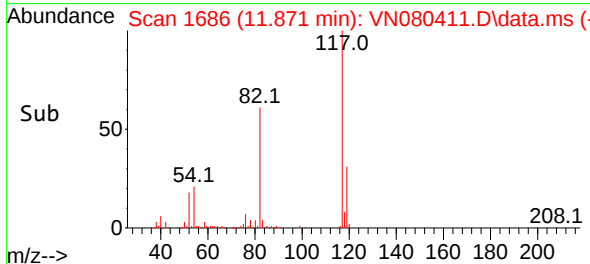
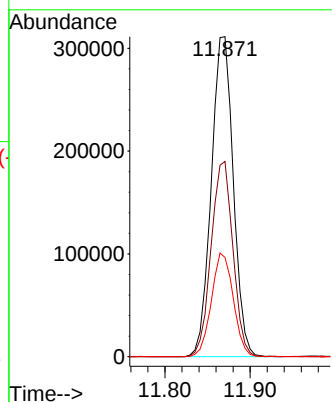
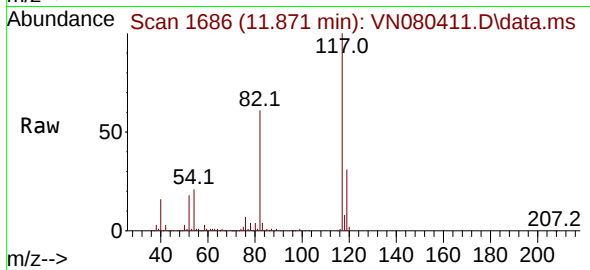
Tgt Ion:117 Resp: 559245

Ion Ratio Lower Upper

117 100

82 61.0 44.0 66.0

119 31.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080411.D

Acq: 08 Dec 2023 17:09

Tgt Ion:152 Resp: 253335

Ion Ratio Lower Upper

152 100

115 65.8 32.3 96.8

150 157.7 0.0 355.8

