

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080143.D
 Acq On : 16 Nov 2023 19:09
 Operator : JC\MD
 Sample : 05381-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 17 01:27:24 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	8.230	168	186379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	367670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	168175	54.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.300%
35) Dibromofluoromethane	8.171	113	131792	51.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.540%
50) Toluene-d8	10.571	98	461471	50.290	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.853	95	179835	51.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.760%

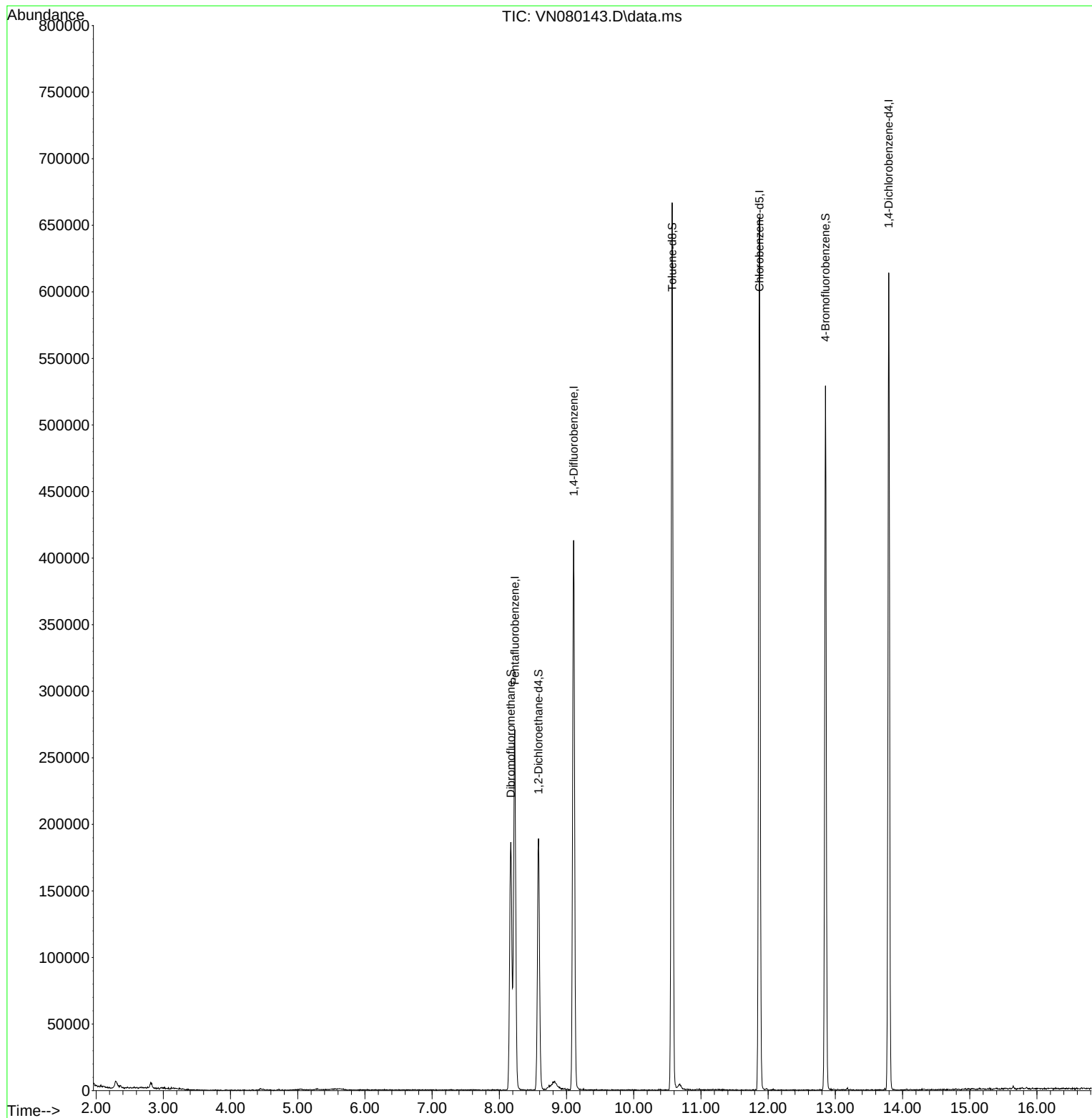
Target Compounds	Qvalue

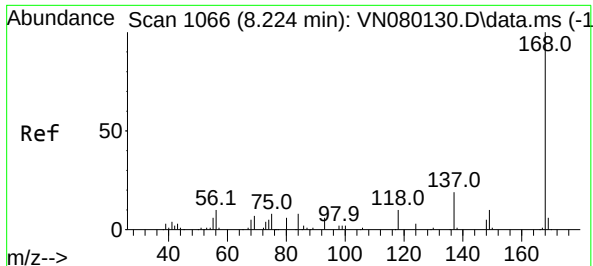
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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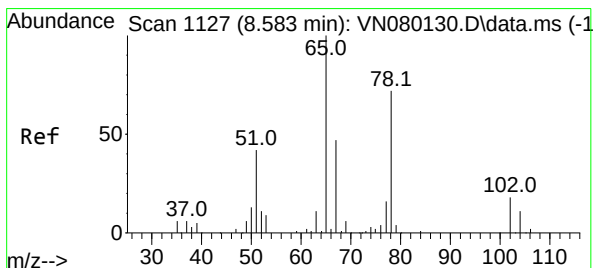
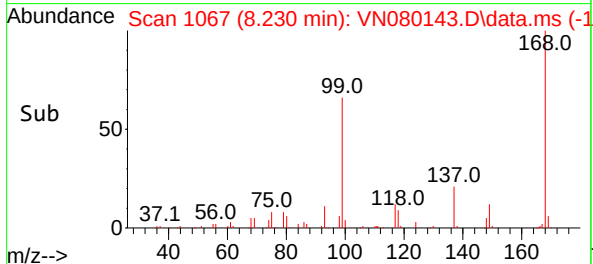
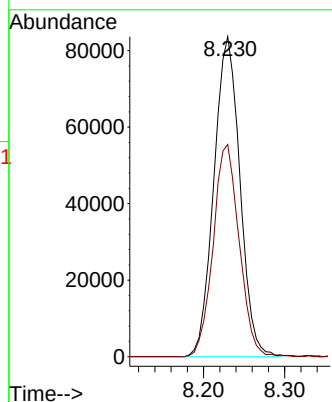
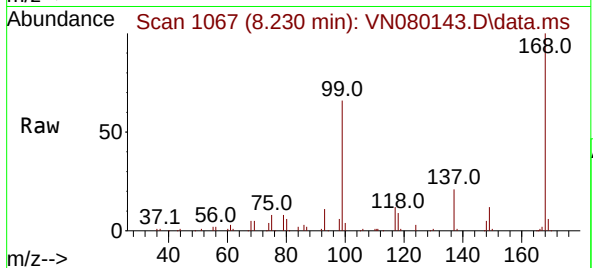




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080143.D
Acq: 16 Nov 2023 19:09

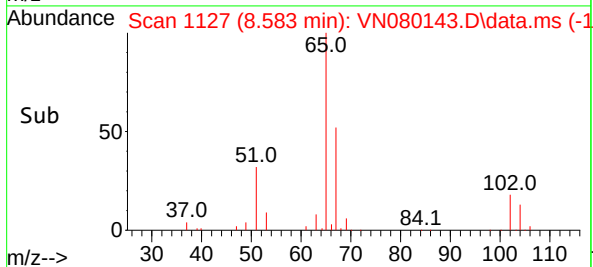
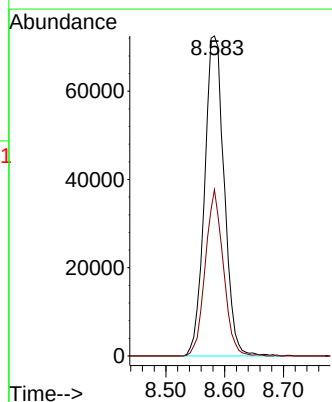
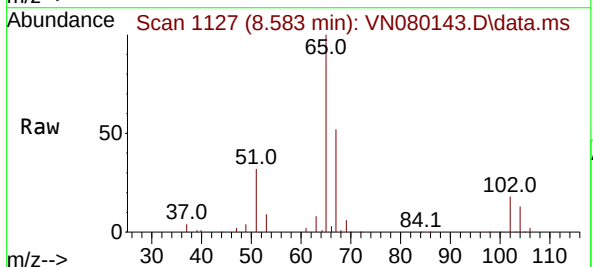
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

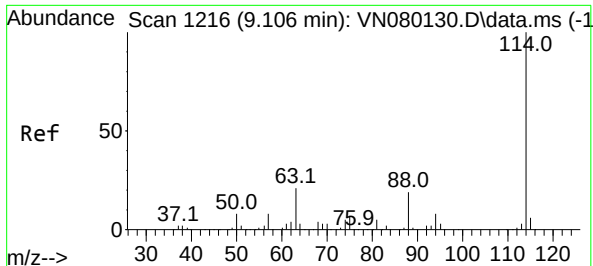
Tgt Ion:168 Resp: 186379
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.648 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080143.D
Acq: 16 Nov 2023 19:09

Tgt Ion: 65 Resp: 168175
Ion Ratio Lower Upper
65 100
67 47.8 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: VN080143.D

Acq: 16 Nov 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

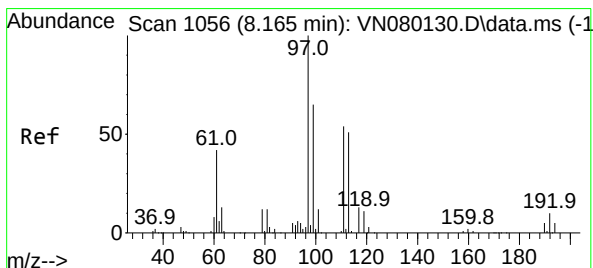
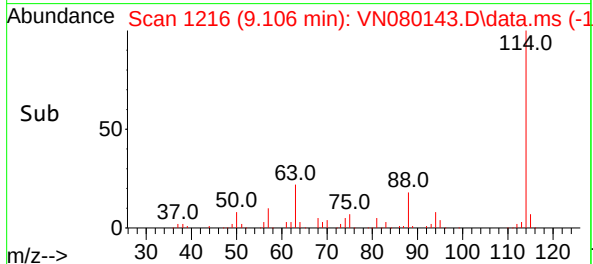
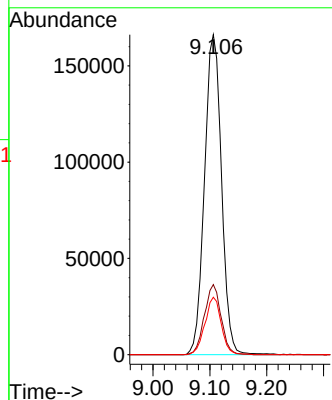
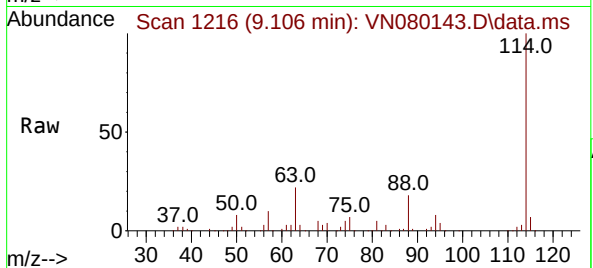
Tgt Ion:114 Resp: 344990

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.773 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080143.D

Acq: 16 Nov 2023 19:09

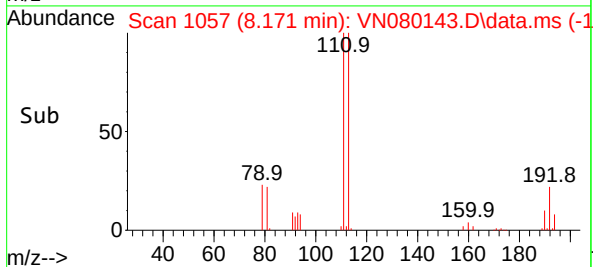
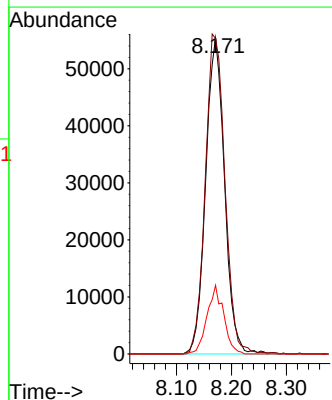
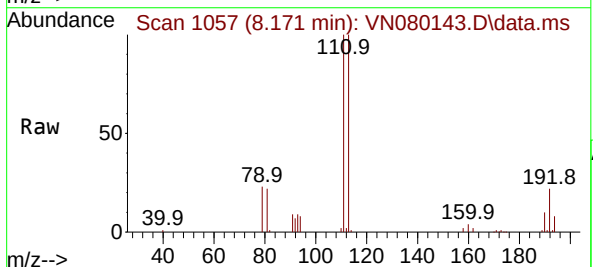
Tgt Ion:113 Resp: 131792

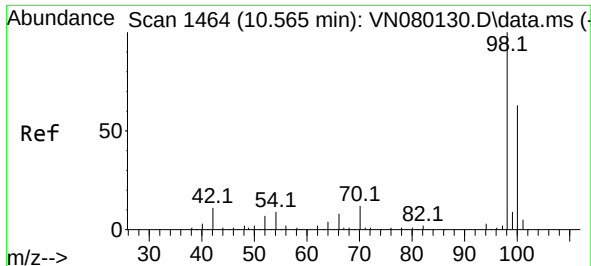
Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 19.2 12.7 19.1#

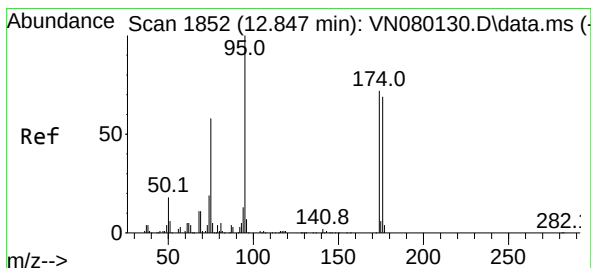
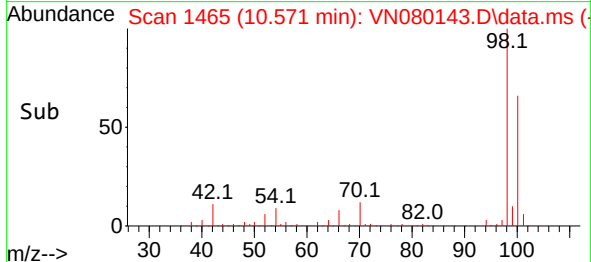
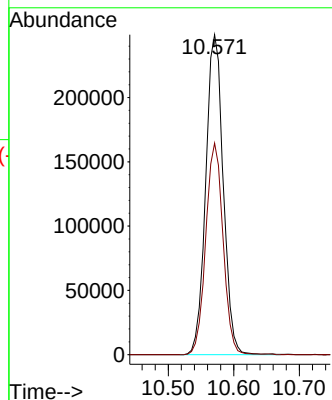
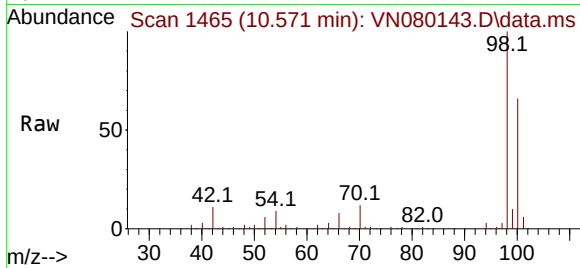




#50
Toluene-d8
Concen: 50.290 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080143.D
Acq: 16 Nov 2023 19:09

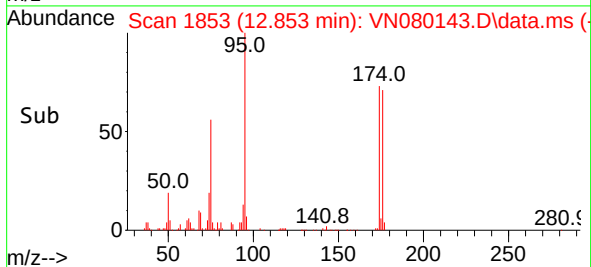
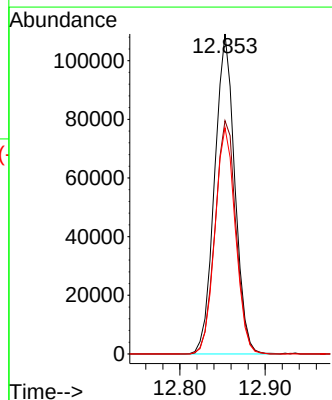
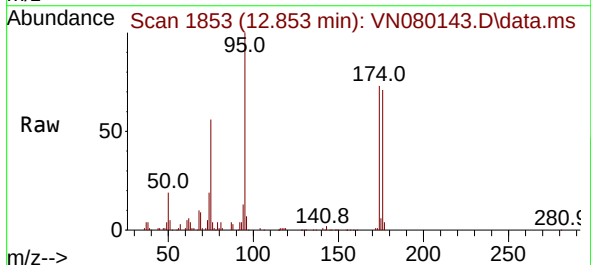
Instrument :
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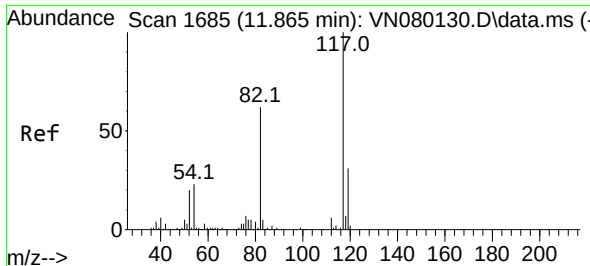
Tgt Ion: 98 Resp: 461471
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.885 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080143.D
Acq: 16 Nov 2023 19:09

Tgt Ion: 95 Resp: 179835
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.5 0.0 135.8

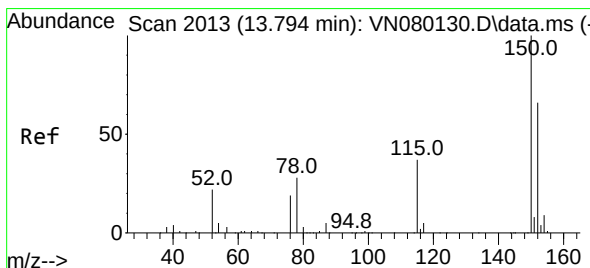
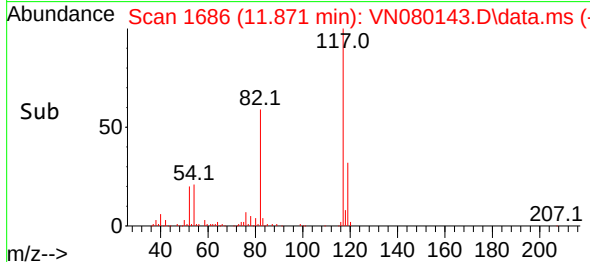
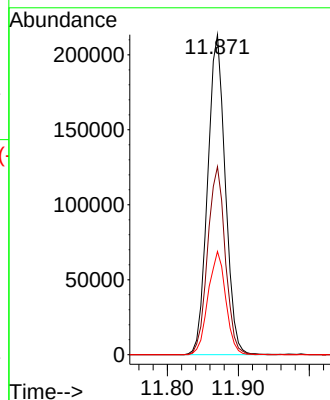
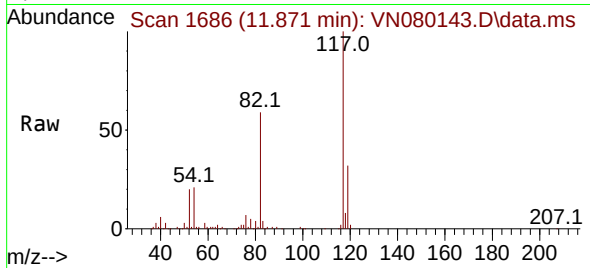




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080143.D
Acq: 16 Nov 2023 19:09

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

Tgt Ion:117 Resp: 367670
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.2 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: VN080143.D
Acq: 16 Nov 2023 19:09

Tgt Ion:152 Resp: 162278
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 157.5 0.0 355.8

