

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080191.D
 Acq On : 18 Nov 2023 17:19
 Operator : JC\MD
 Sample : 05490-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 20 01:28:34 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	144396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	260750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	120508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136285	57.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.320%
35) Dibromofluoromethane	8.165	113	105175	54.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.340%
50) Toluene-d8	10.571	98	356298	51.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.853	95	132367	50.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%

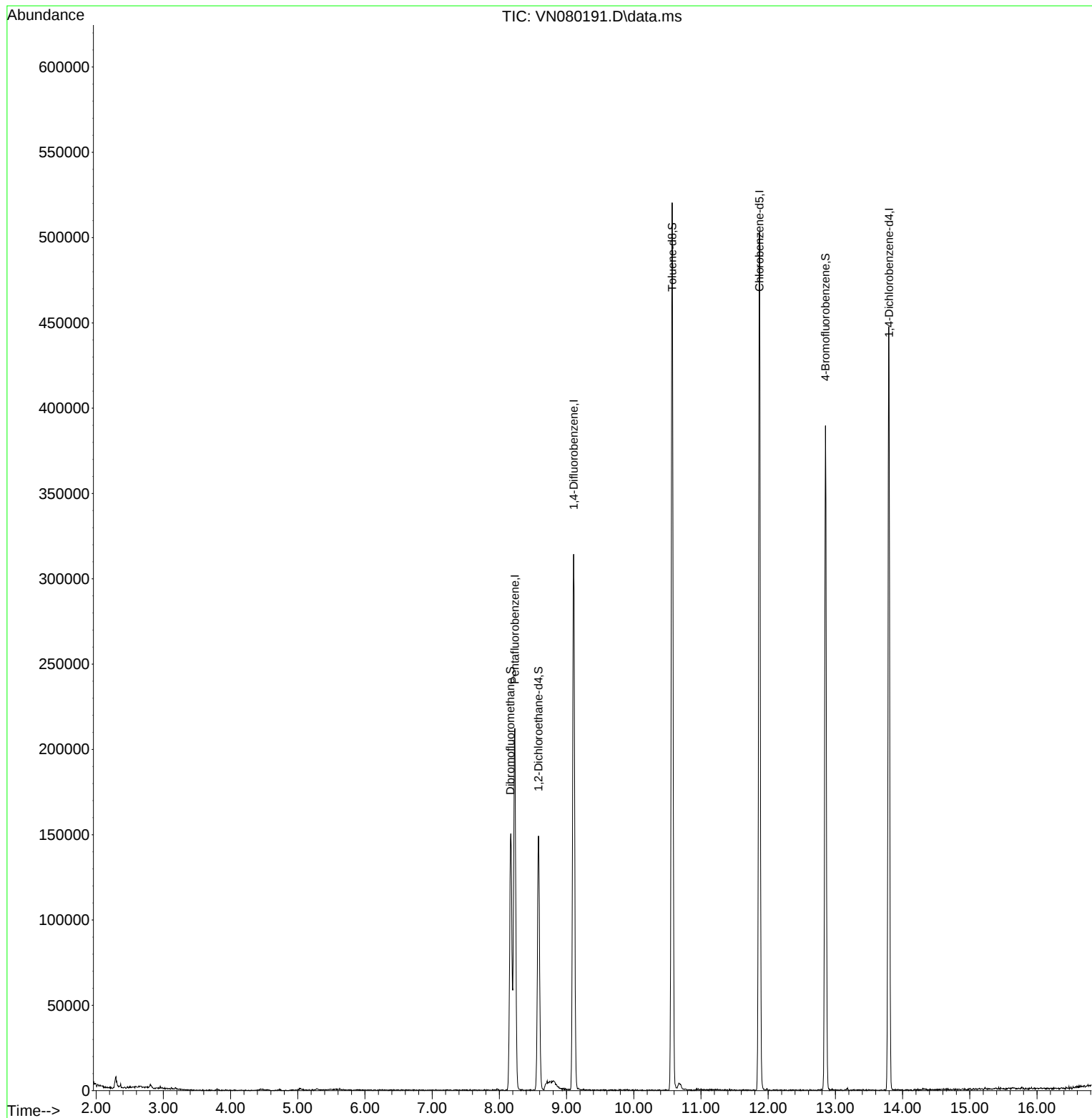
Target Compounds	Qvalue

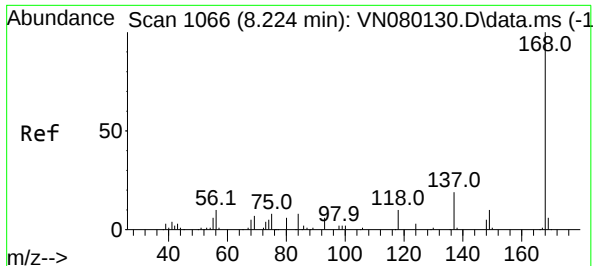
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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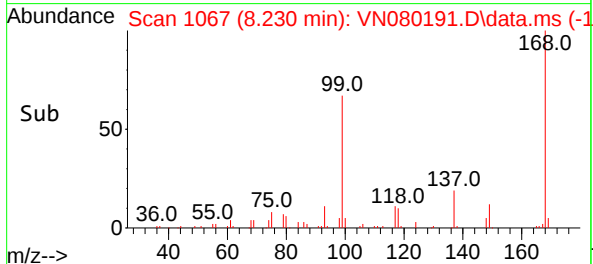
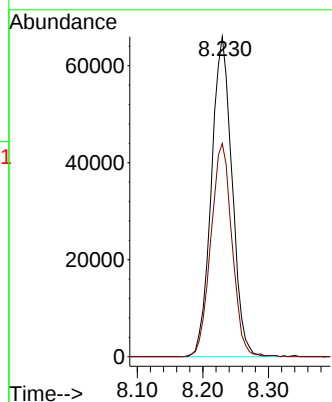
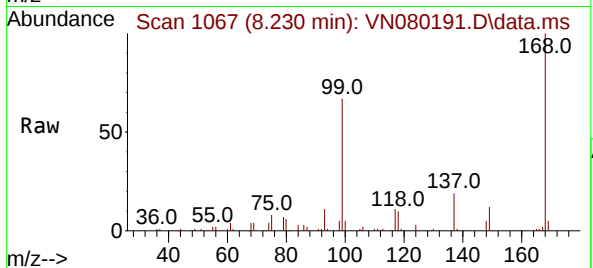




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

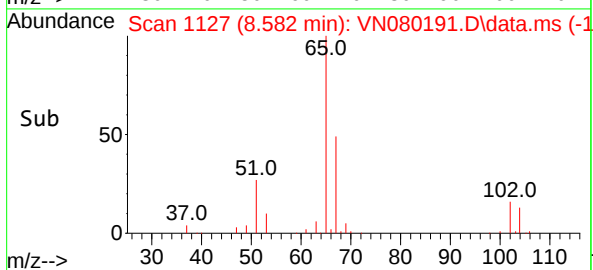
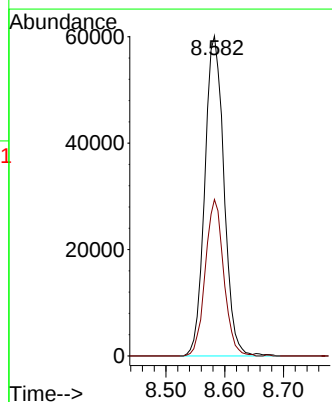
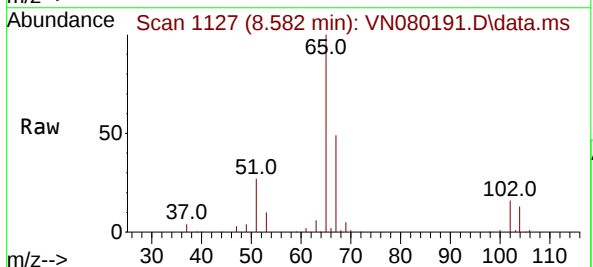
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 144396
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.162 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

Tgt Ion: 65 Resp: 136285
Ion Ratio Lower Upper
65 100
67 47.1 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: VN080191.D

Acq: 18 Nov 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

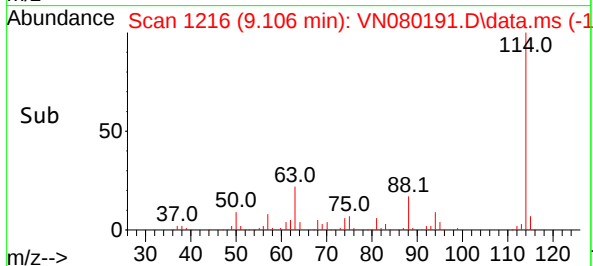
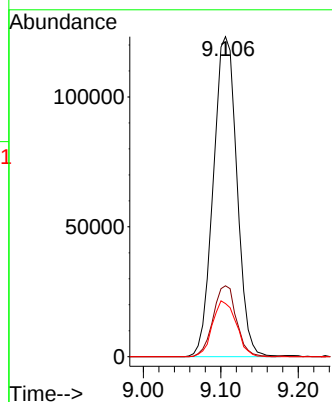
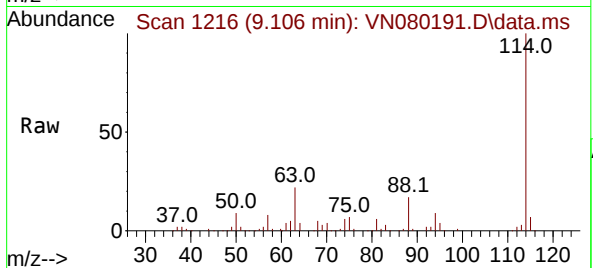
Tgt Ion:114 Resp: 260750

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.665 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080191.D

Acq: 18 Nov 2023 17:19

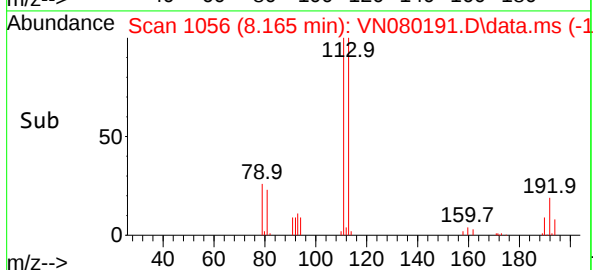
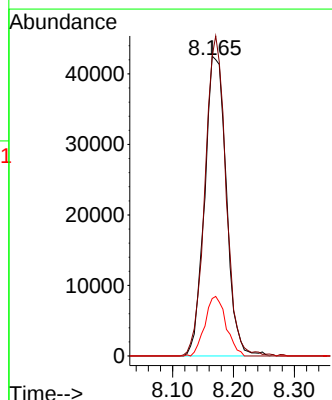
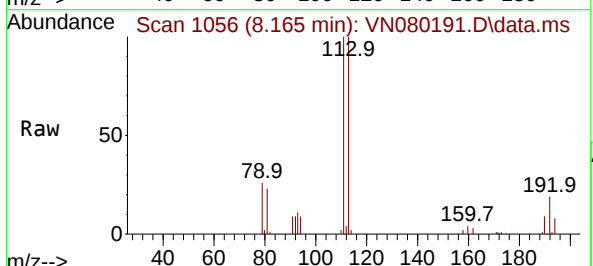
Tgt Ion:113 Resp: 105175

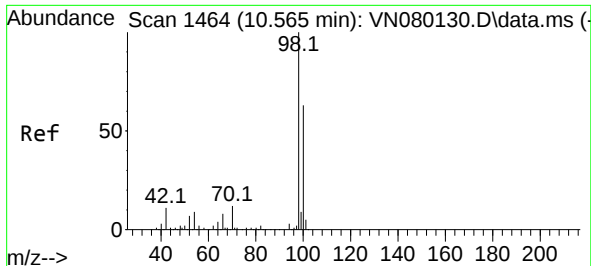
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 19.3 12.7 19.1#

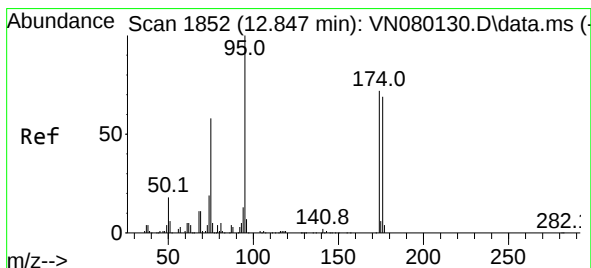
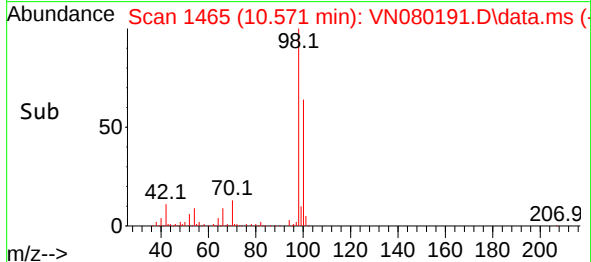
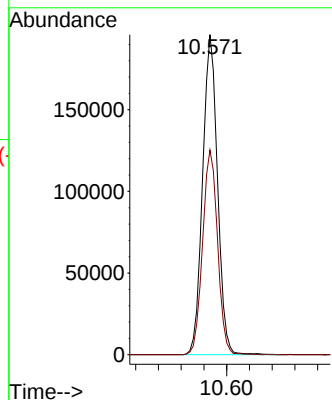
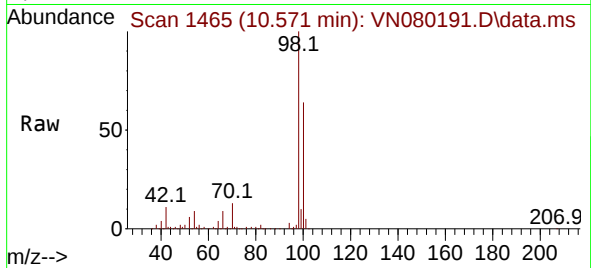




#50
Toluene-d8
Concen: 51.372 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

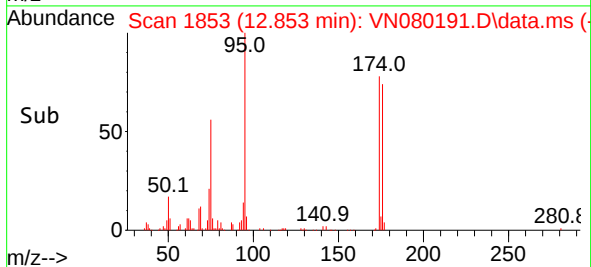
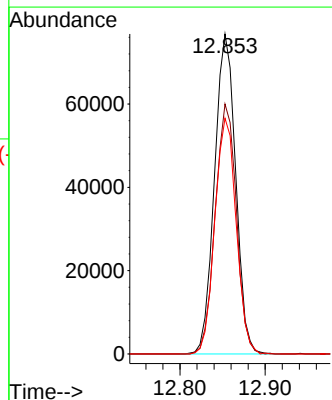
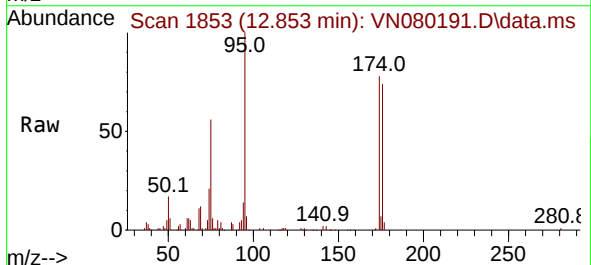
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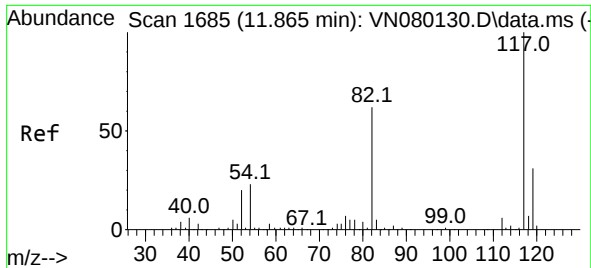
Tgt Ion: 98 Resp: 356298
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.528 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

Tgt Ion: 95 Resp: 132367
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 74.3 0.0 135.8

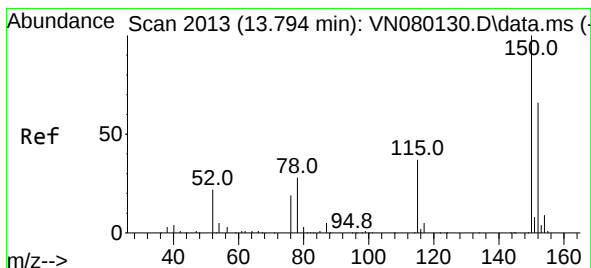
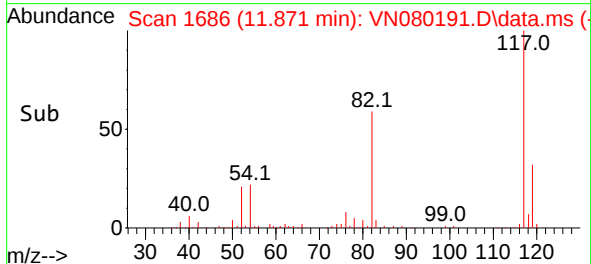
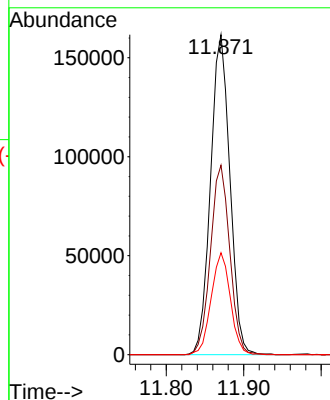
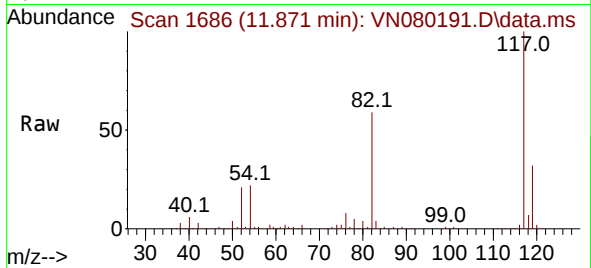




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

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

Tgt Ion:117 Resp: 280897
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN080191.D
Acq: 18 Nov 2023 17:19

Tgt Ion:152 Resp: 120508
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 154.2 0.0 355.8

