

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079852.D
 Acq On : 03 Nov 2023 16:27
 Operator : JC\MD
 Sample : 05139-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 04 00:54:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	248348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193183	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209872	55.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	8.171	113	171244	49.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.571	98	603437	47.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.853	95	195175	46.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%

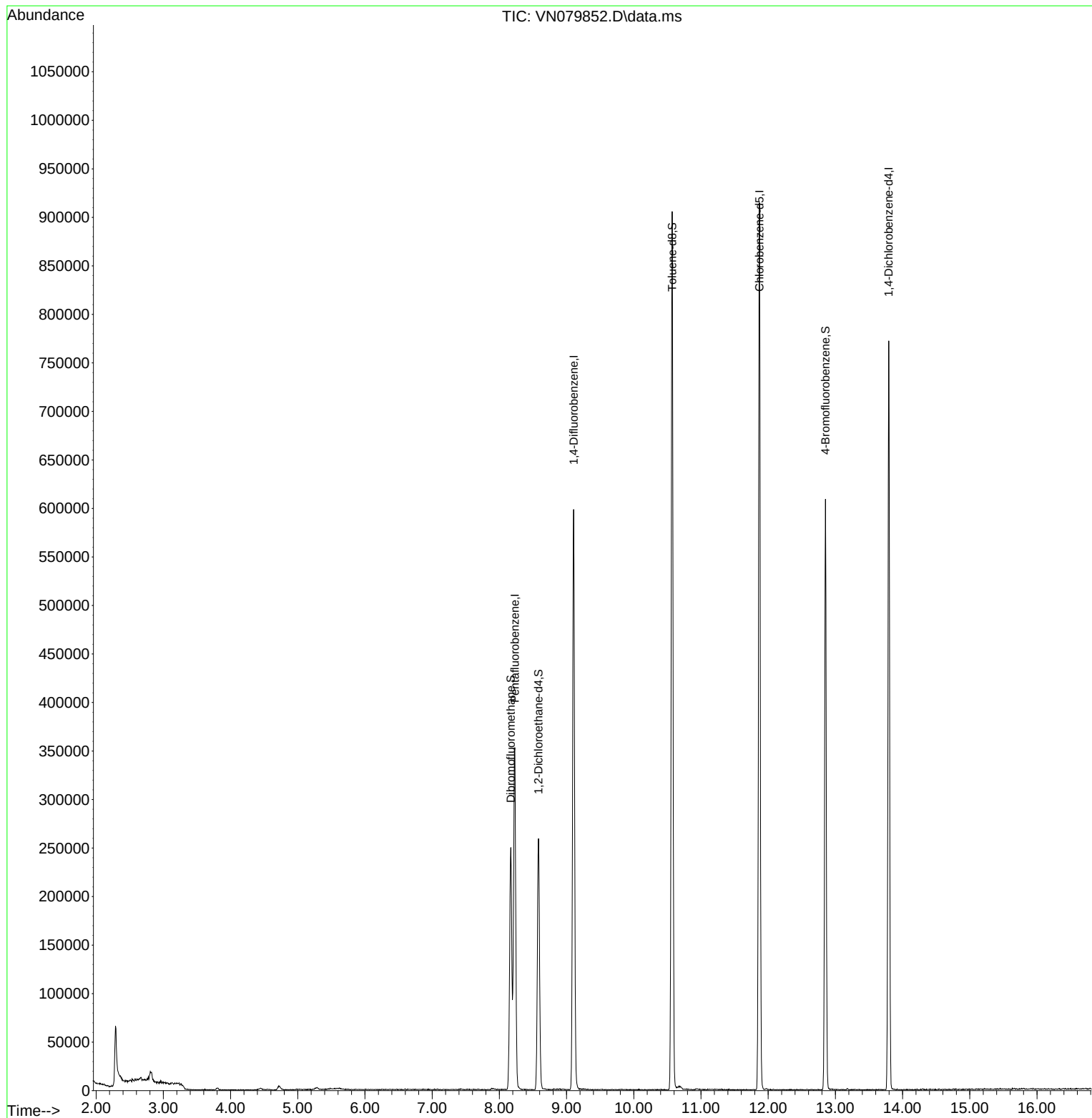
Target Compounds	Qvalue

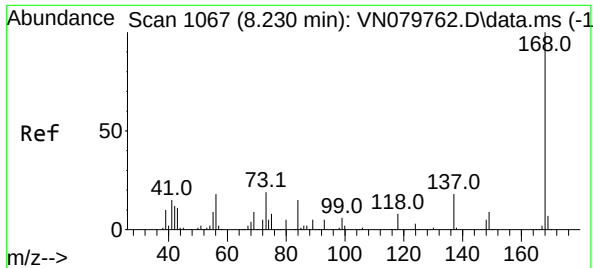
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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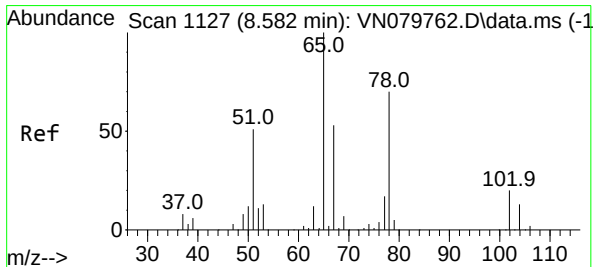
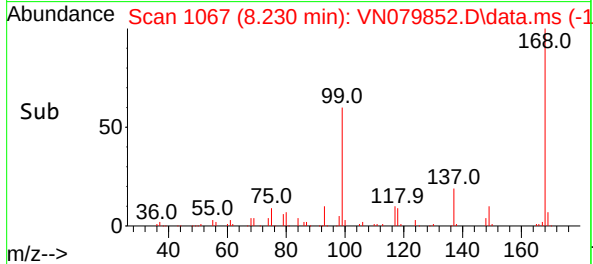
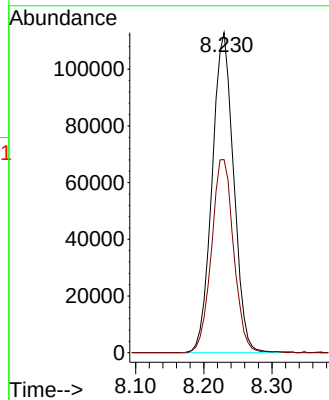
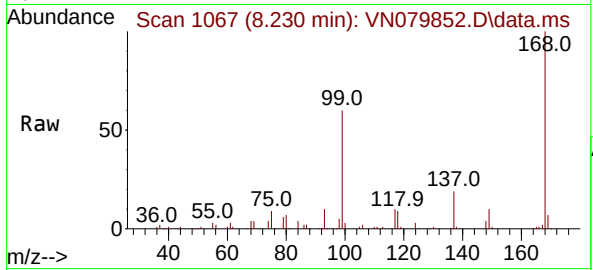




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

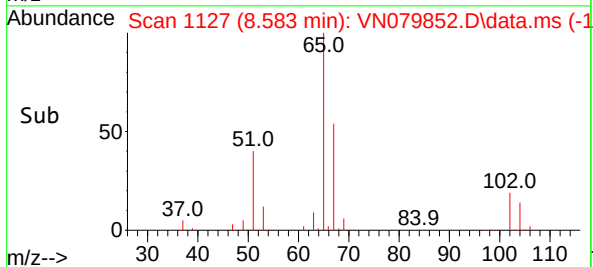
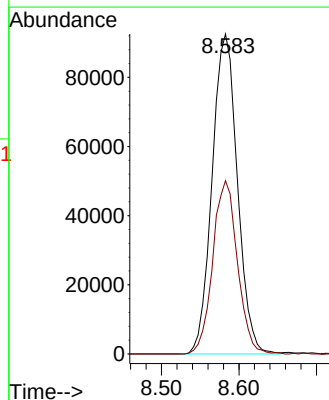
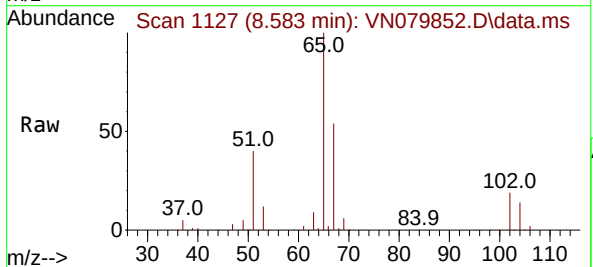
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

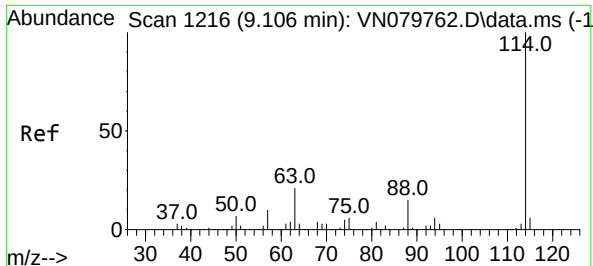
Tgt Ion:168 Resp: 248348
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.468 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 65 Resp: 209872
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

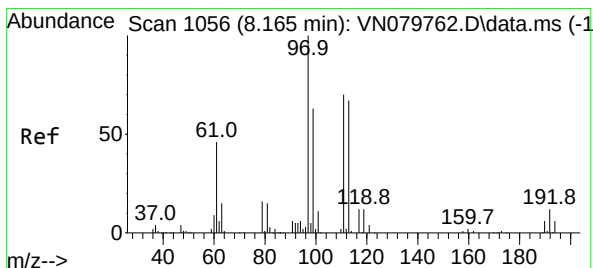
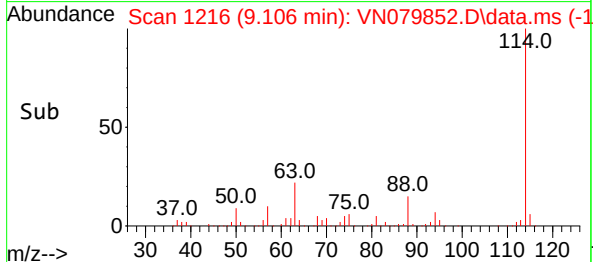
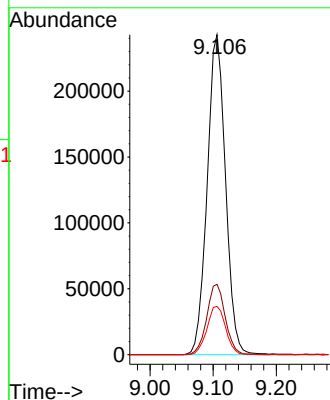
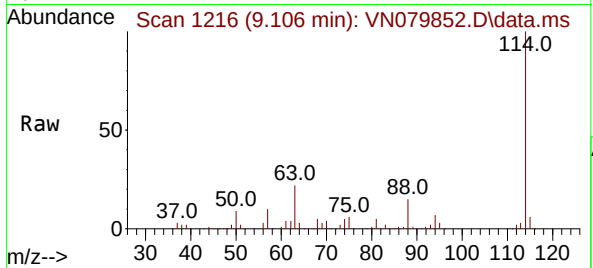




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

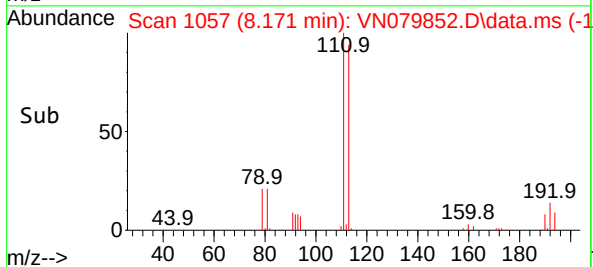
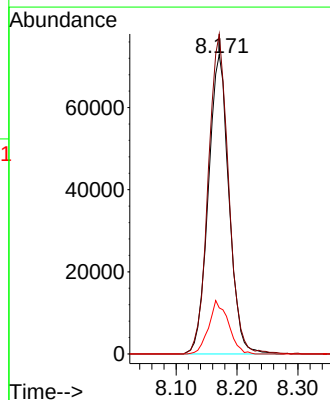
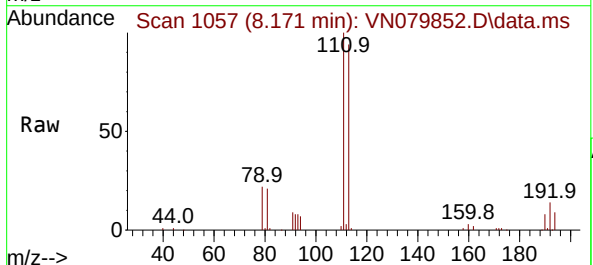
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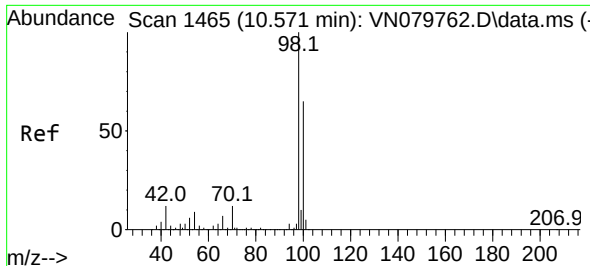
Tgt Ion:114 Resp: 489791
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion:113 Resp: 171244
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 17.1 12.7 19.1

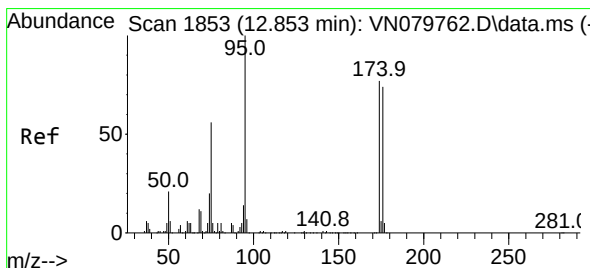
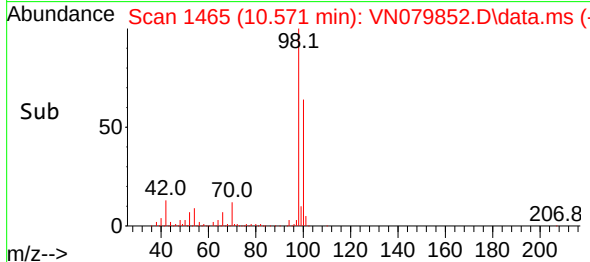
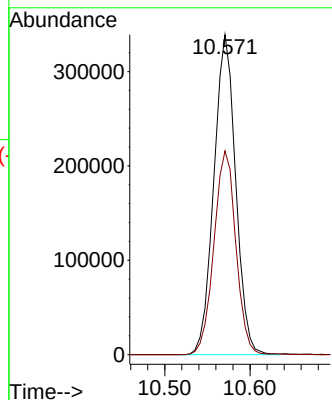
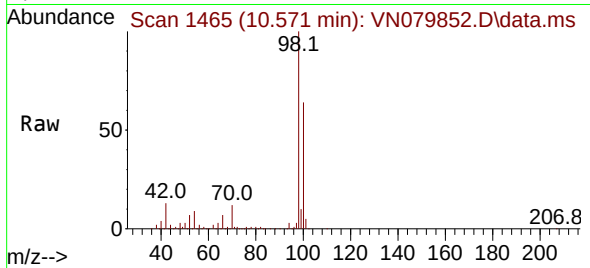




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

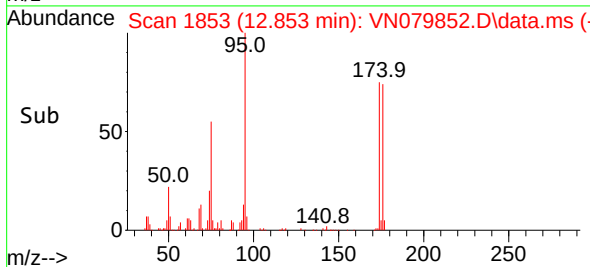
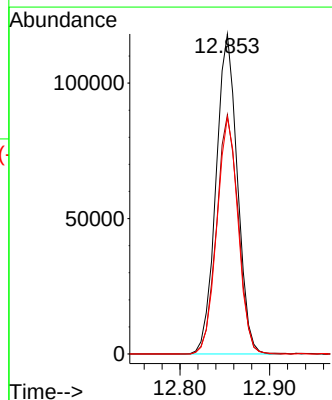
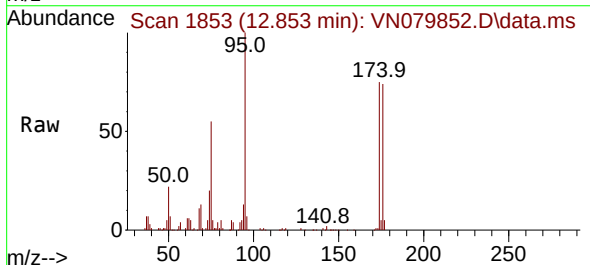
Instrument :
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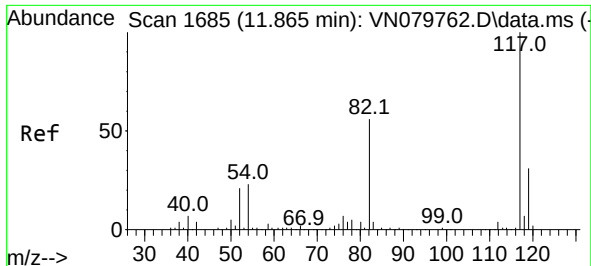
Tgt Ion: 98 Resp: 603437
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 95 Resp: 195175
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 73.5 0.0 135.8

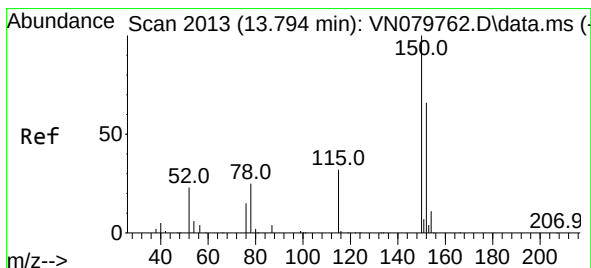
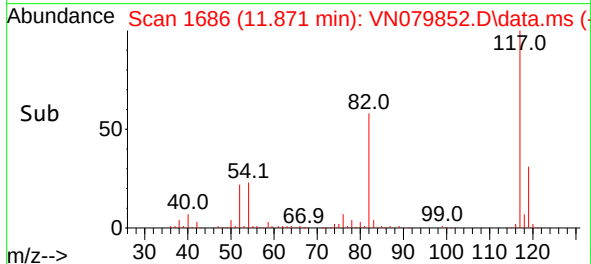
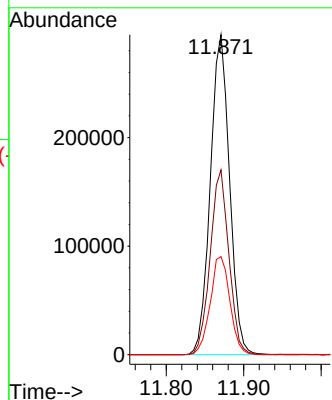
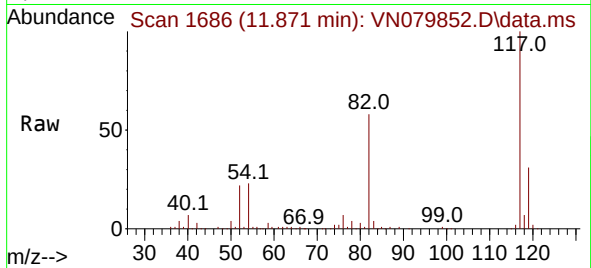




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

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

Tgt Ion:117 Resp: 507580
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 30.7 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: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion:152 Resp: 193183
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 159.7 0.0 355.8

