

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080145.D
 Acq On : 16 Nov 2023 19:57
 Operator : JC\MD
 Sample : 05381-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 17 01:28:09 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	170771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	343494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154029	54.626	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.260%
35) Dibromofluoromethane	8.171	113	122516	51.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	10.571	98	428740	49.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.853	95	166256	51.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.540%

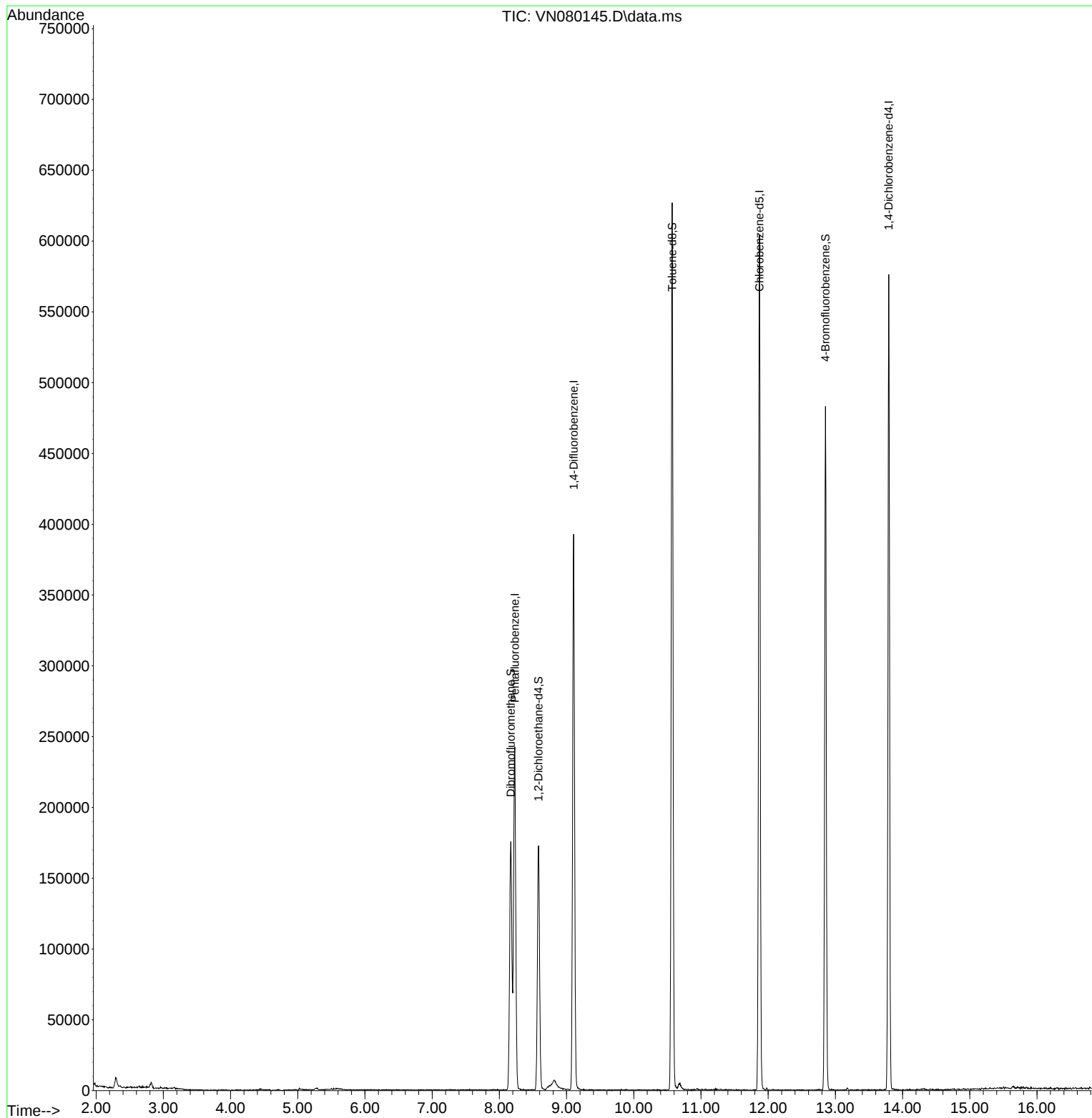
Target Compounds	Qvalue

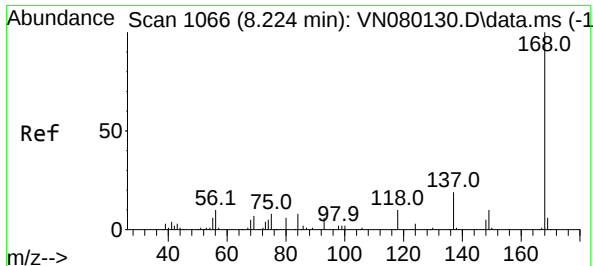
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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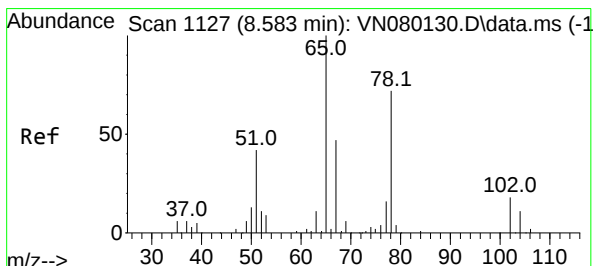
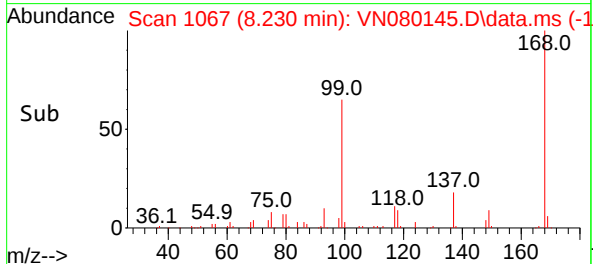
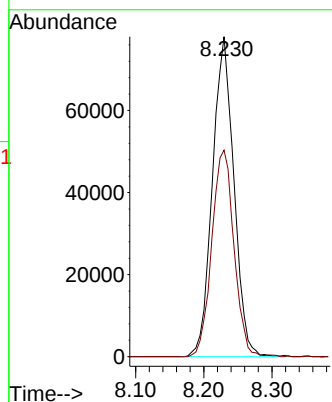
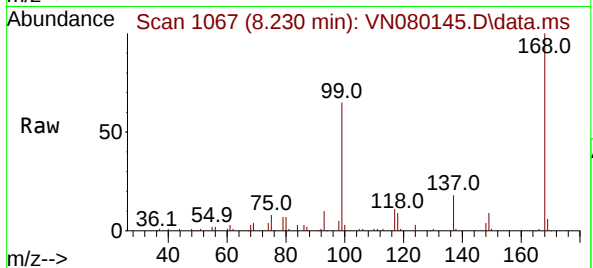




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

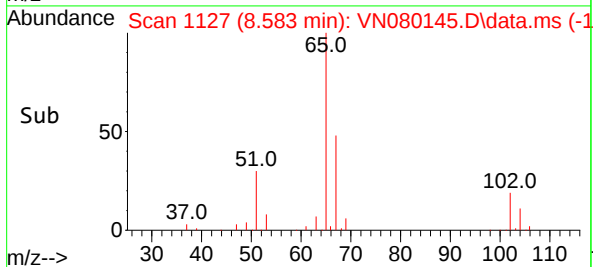
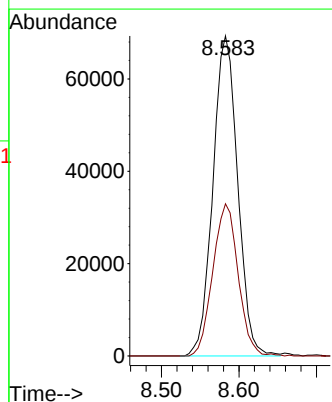
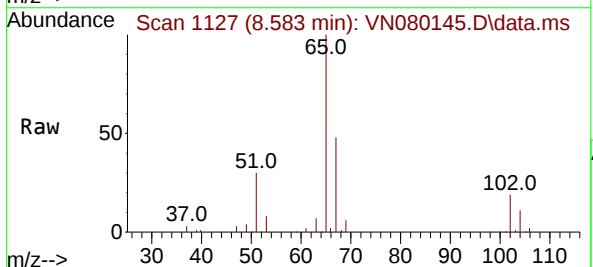
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 170771
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.626 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion: 65 Resp: 154029
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.6

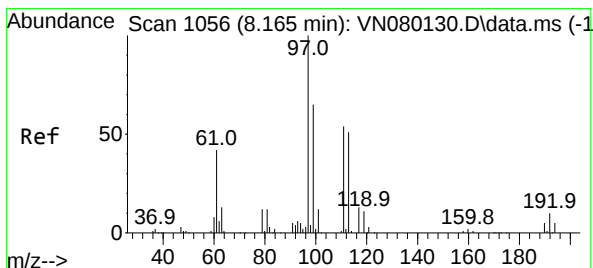
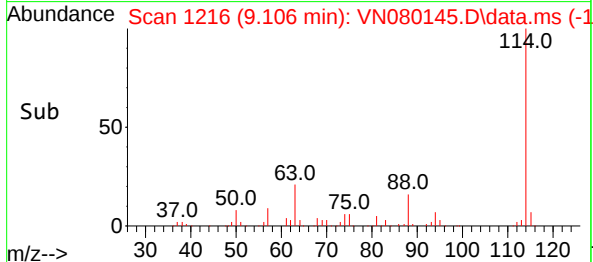
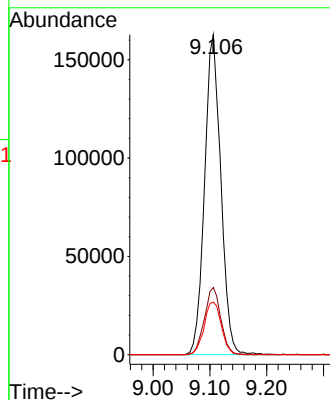
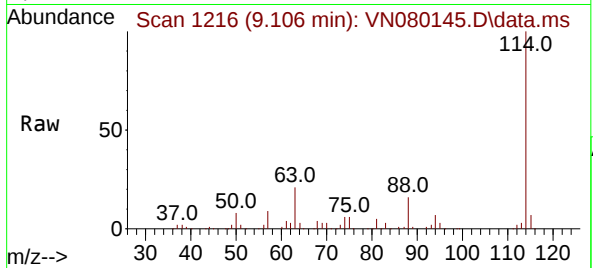




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

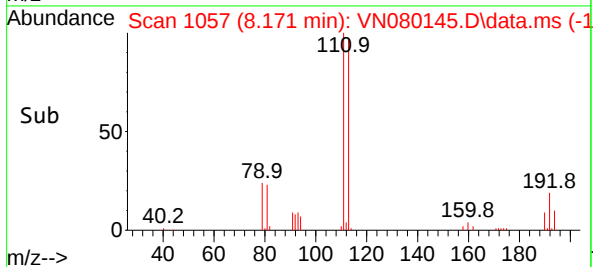
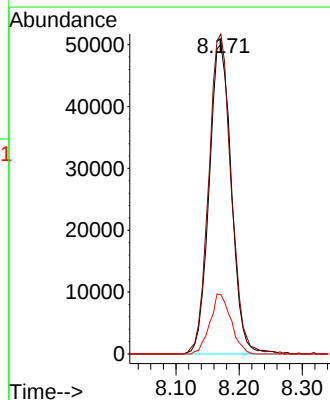
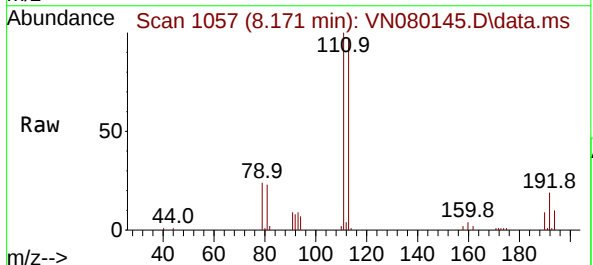
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

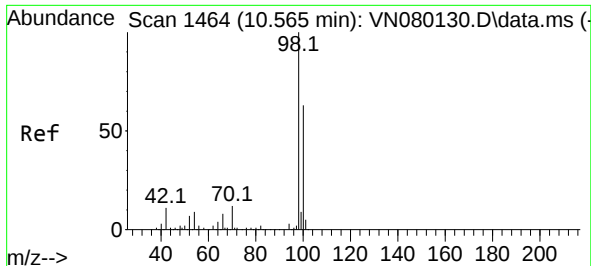
Tgt Ion:114 Resp: 322746
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion:113 Resp: 122516
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 18.3 12.7 19.1

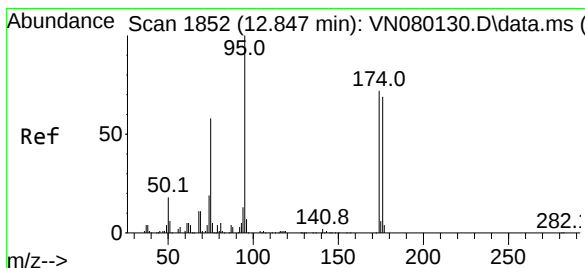
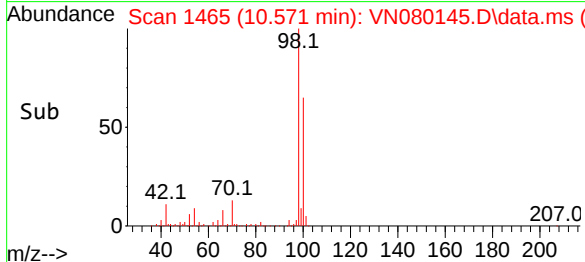
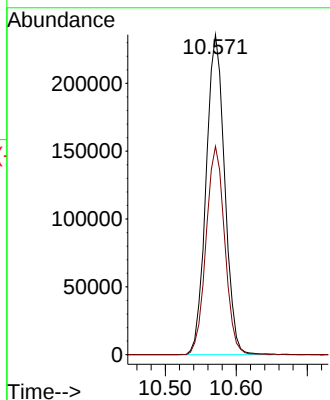
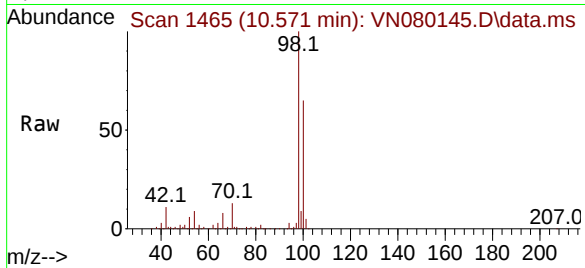




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

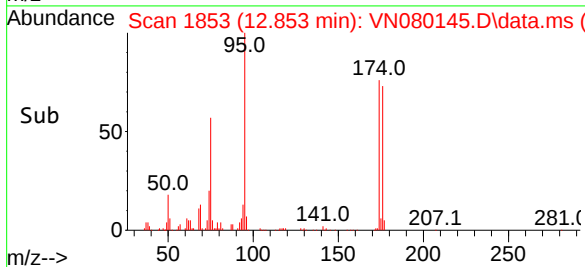
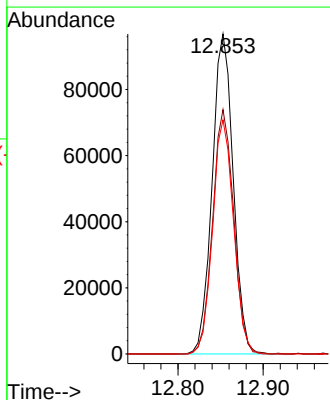
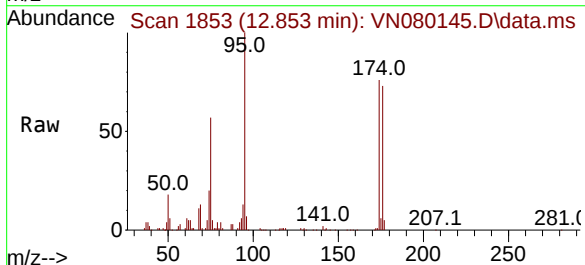
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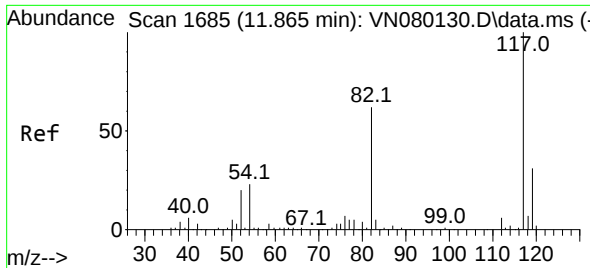
Tgt Ion: 98 Resp: 428740
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.273 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion: 95 Resp: 166256
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.8 0.0 135.8

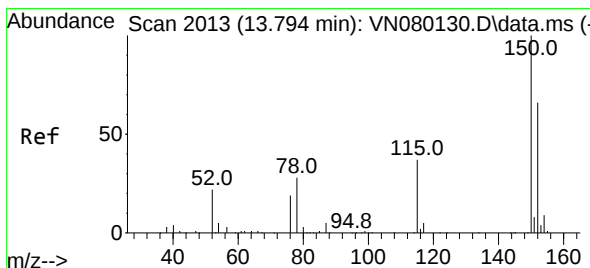
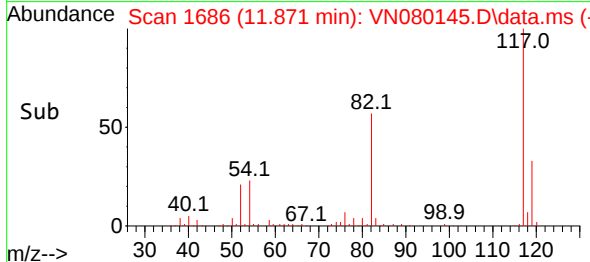
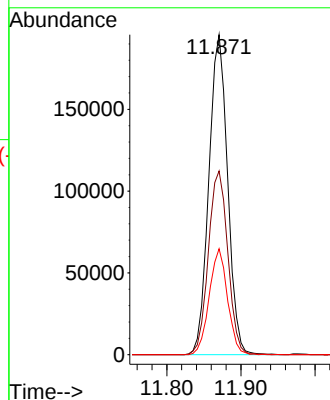
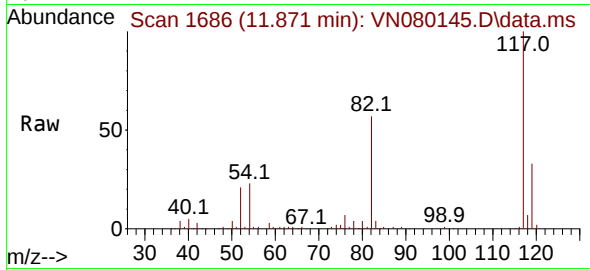




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 343494
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 33.1 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: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion:152 Resp: 150169
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 157.9 0.0 355.8

