

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078194.D
 Acq On : 14 Jun 2023 10:19
 Operator : JC\MD
 Sample : VN0614WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

Quant Time: Jun 15 02:39:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	523733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	955630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	833278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	257275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	364870	52.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.500%
35) Dibromofluoromethane	8.171	113	325781	53.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.571	98	1109242	47.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.853	95	350774	48.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%

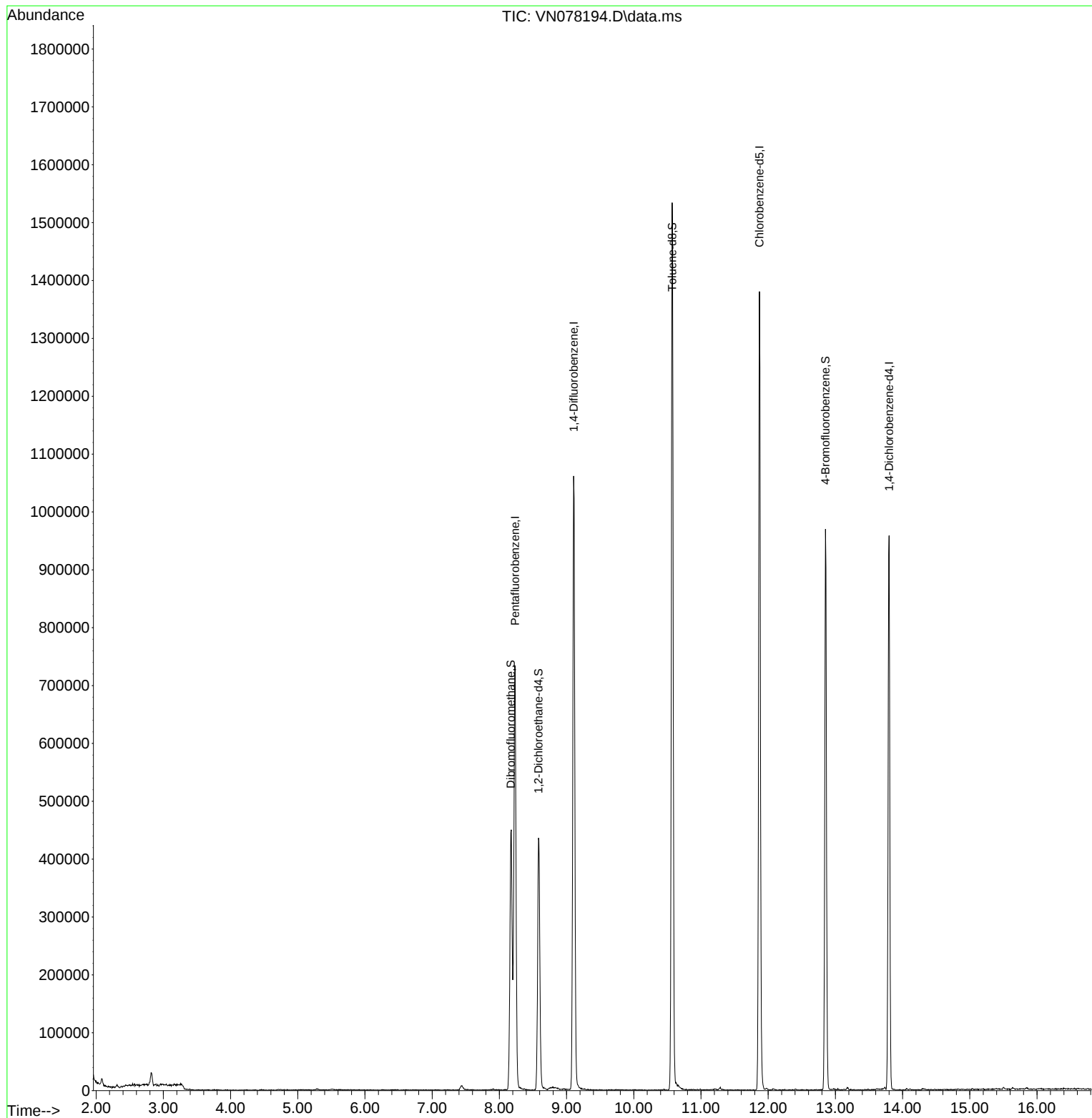
Target Compounds	Qvalue

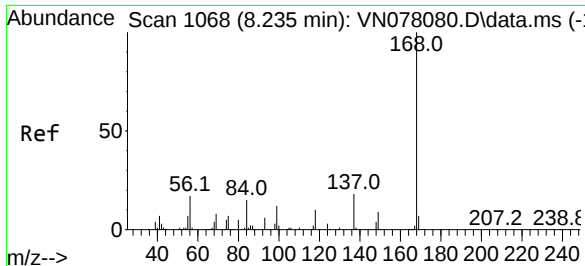
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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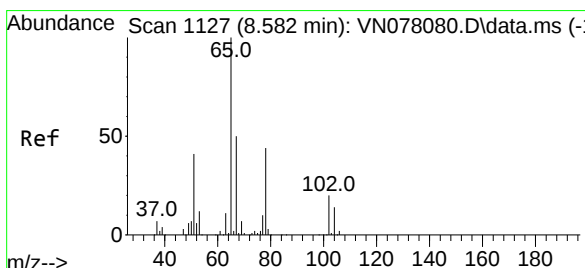
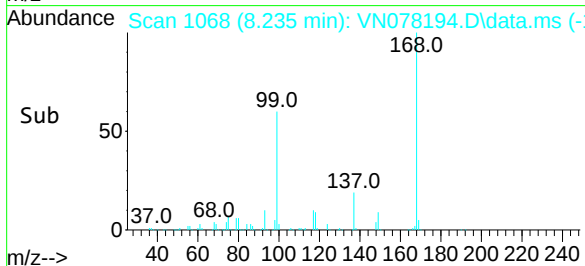
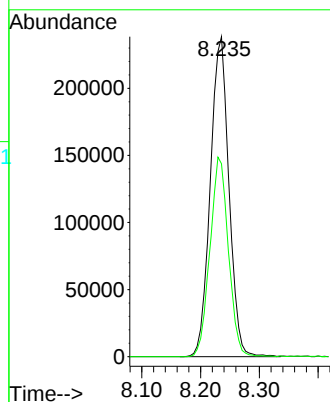
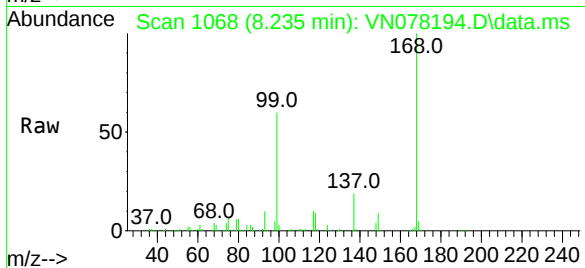




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

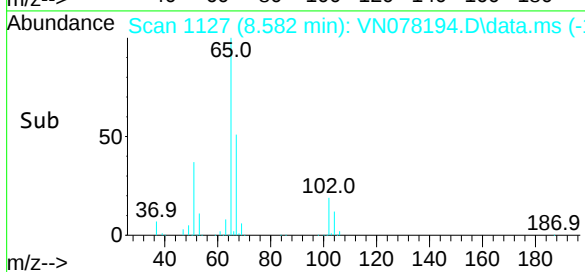
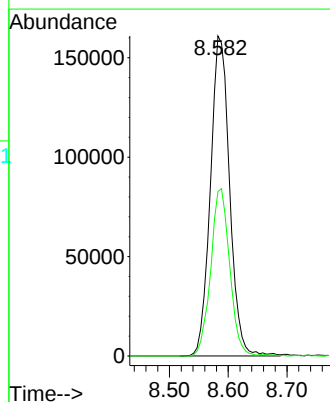
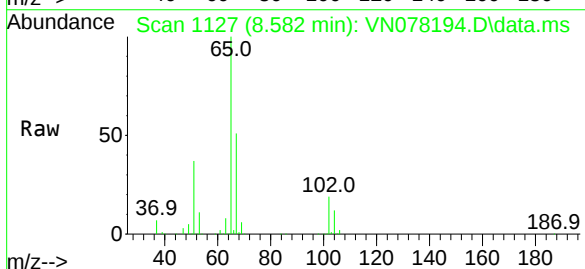
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

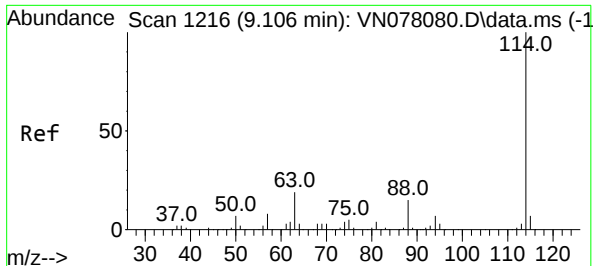
Tgt Ion:168 Resp: 523733
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.251 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

Tgt Ion: 65 Resp: 364870
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6

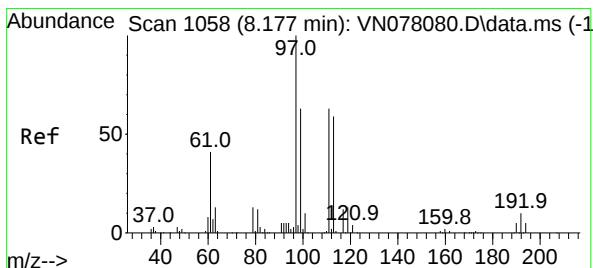
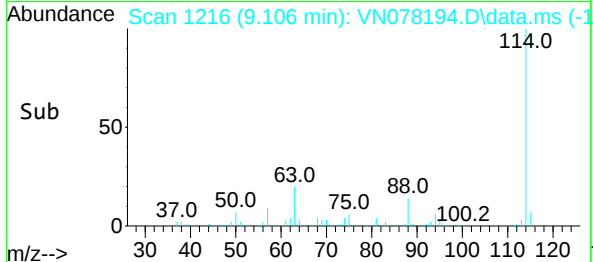
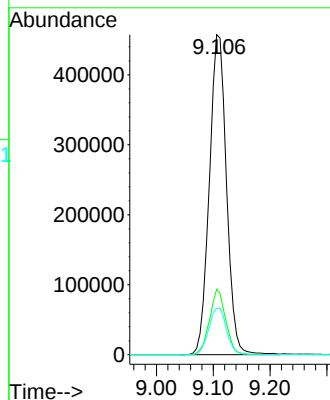
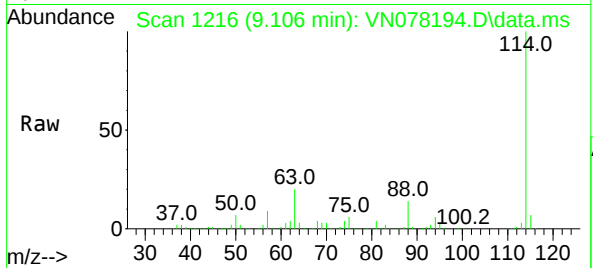




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

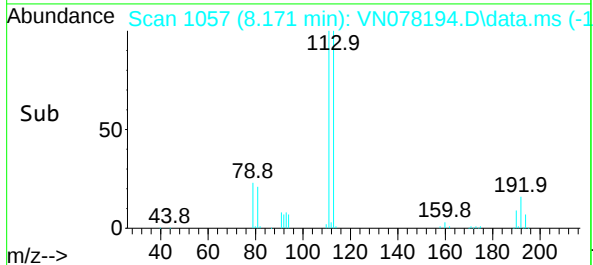
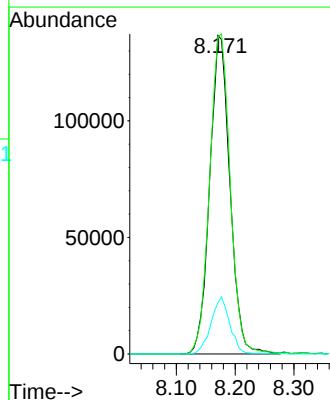
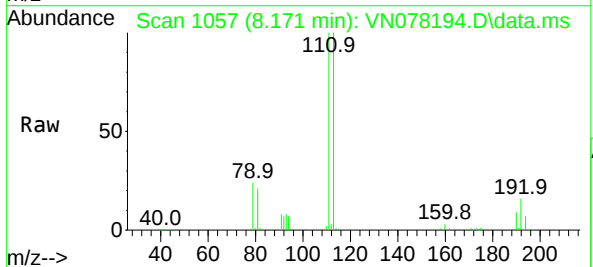
Instrument :
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VN0614WBL01

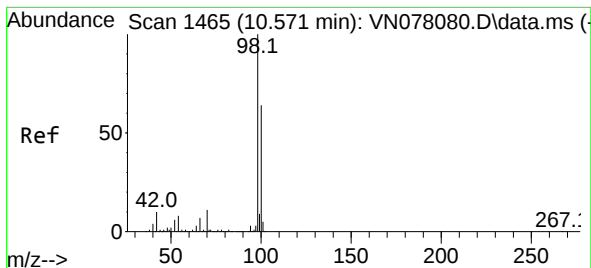
Tgt Ion:114 Resp: 955630
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.917 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

Tgt Ion:113 Resp: 325781
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.7 12.7 19.1

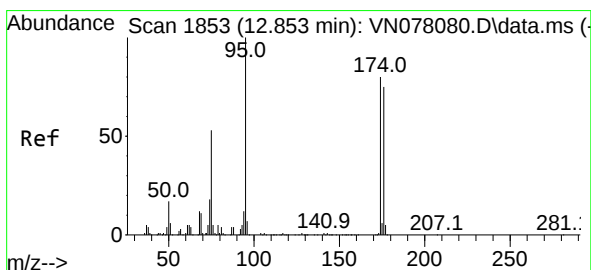
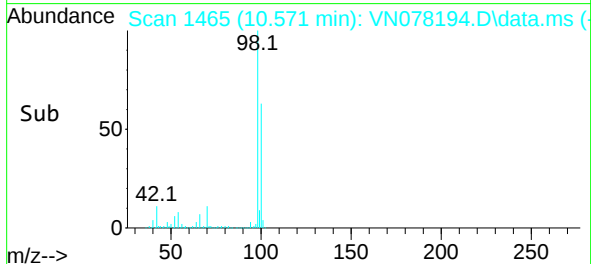
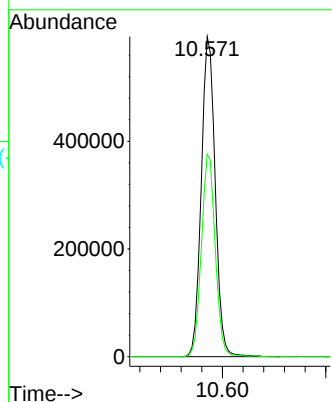
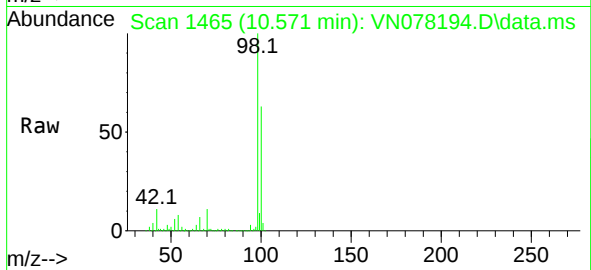




#50
Toluene-d8
Concen: 47.620 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

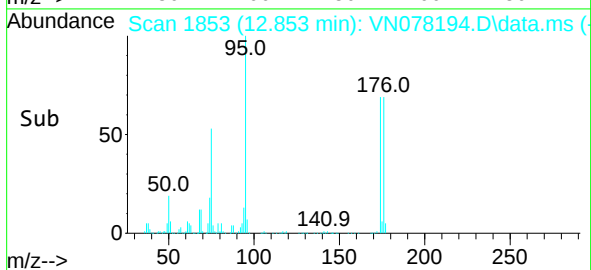
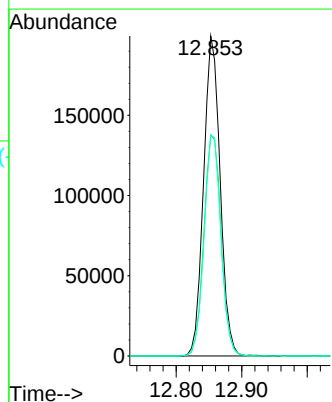
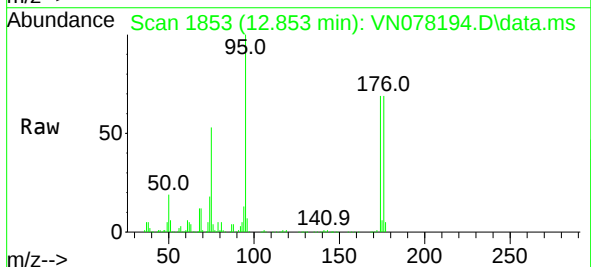
Instrument :
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ClientSampleId :
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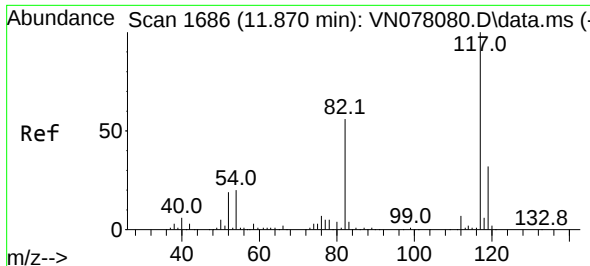
Tgt Ion: 98 Resp: 1109242
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

Tgt Ion: 95 Resp: 350774
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 70.0 0.0 135.8

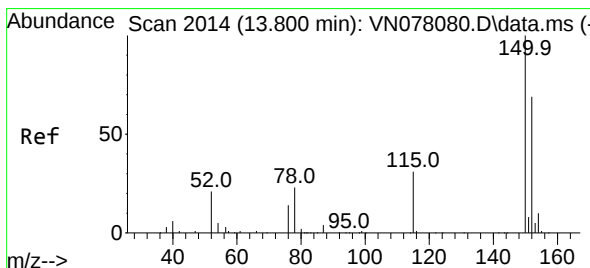
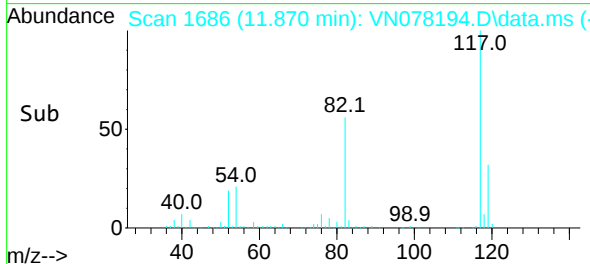
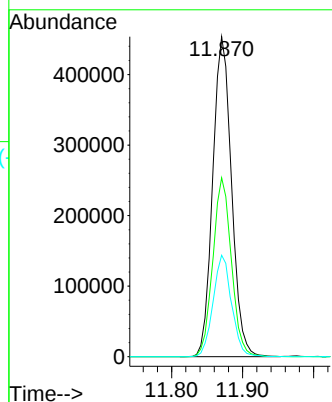
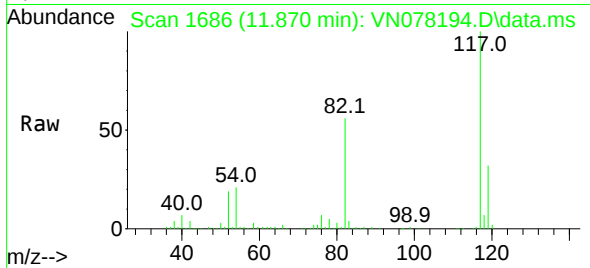




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

Tgt Ion:117 Resp: 833278
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078194.D
Acq: 14 Jun 2023 10:19

Tgt Ion:152 Resp: 257275
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 162.4 0.0 355.8

