

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078130.D
 Acq On : 08 Jun 2023 15:36
 Operator : JC\MD
 Sample : 03072-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30998

Quant Time: Jun 09 01:27:47 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	8.229	168	350931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	653748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	582854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	183571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244930	52.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.700%
35) Dibromofluoromethane	8.177	113	213143	51.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	10.571	98	807395	50.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.853	95	238952	48.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%

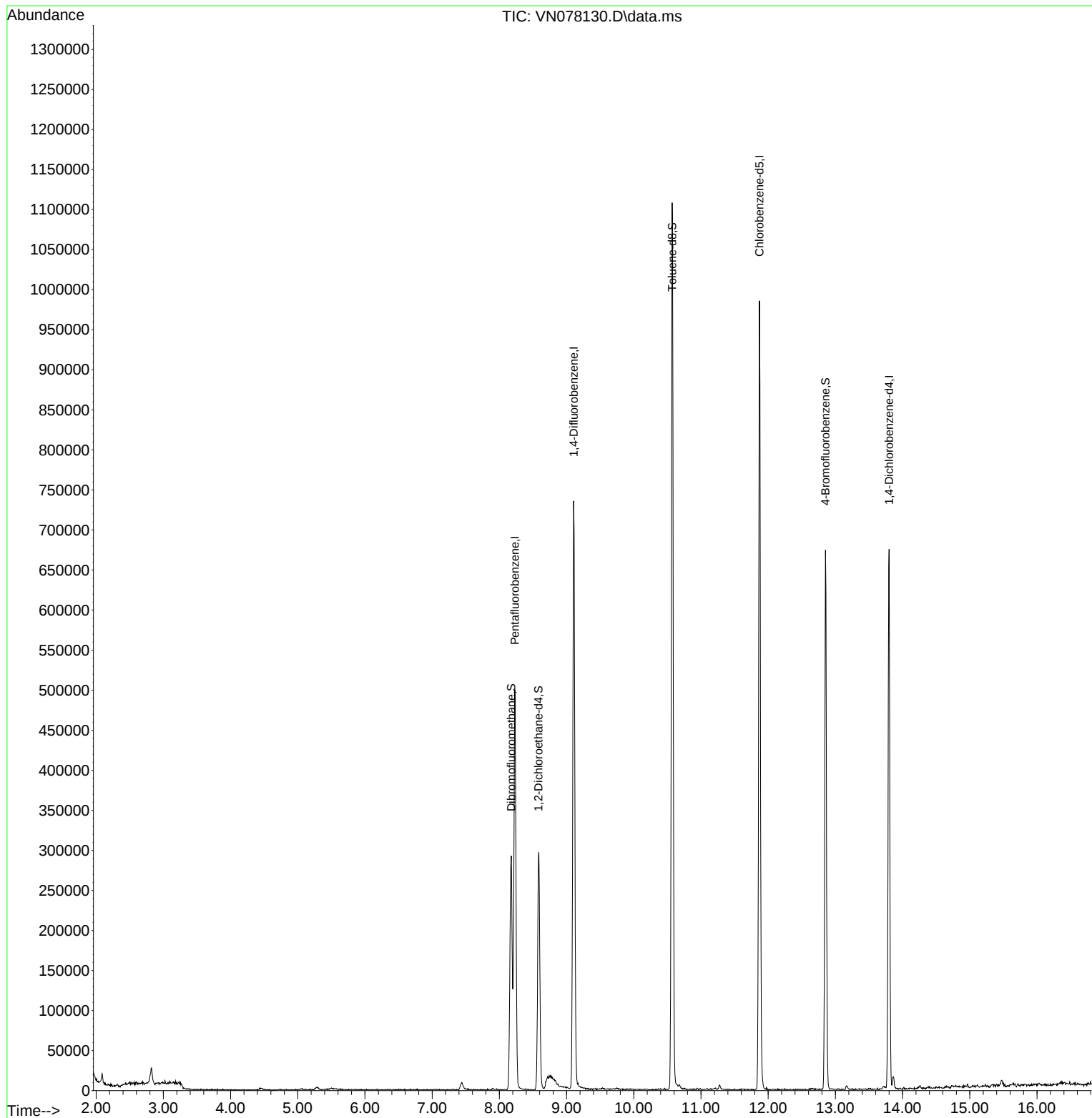
Target Compounds	Qvalue

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

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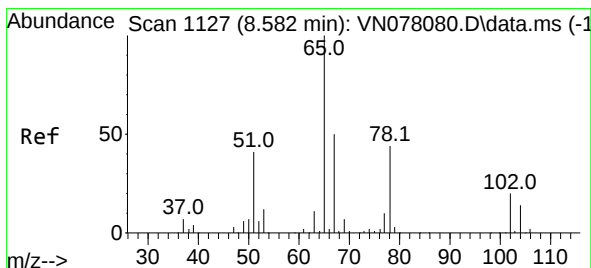
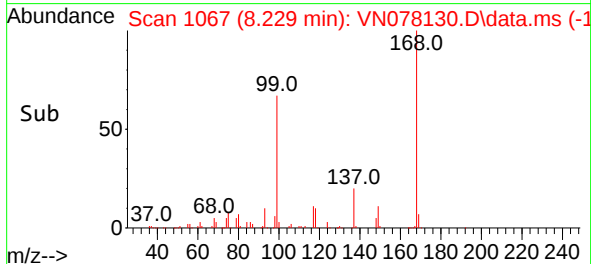
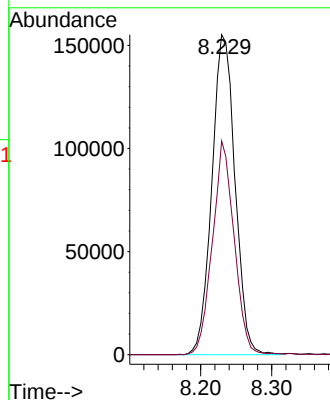
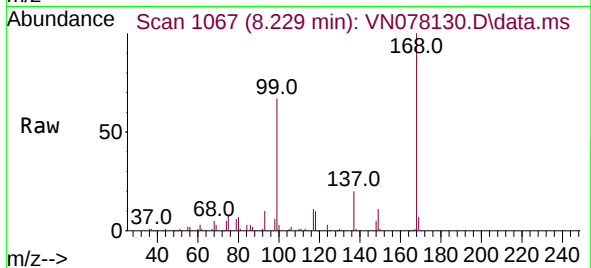




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

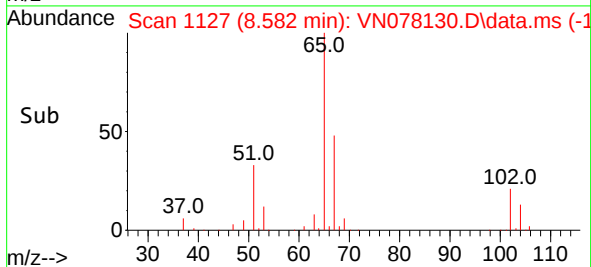
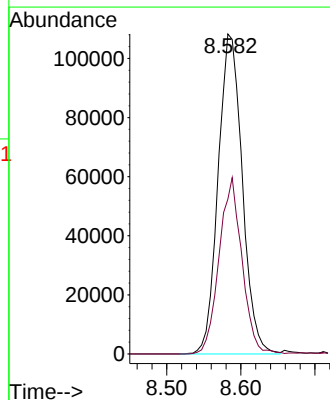
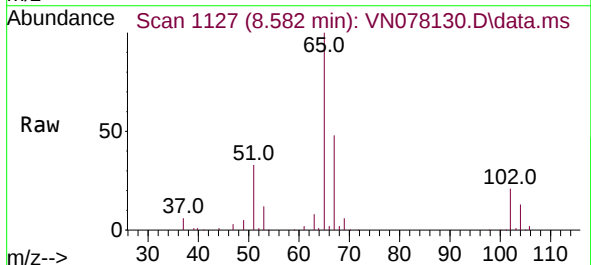
Instrument :
MSVOA_N
ClientSampleId :
30998

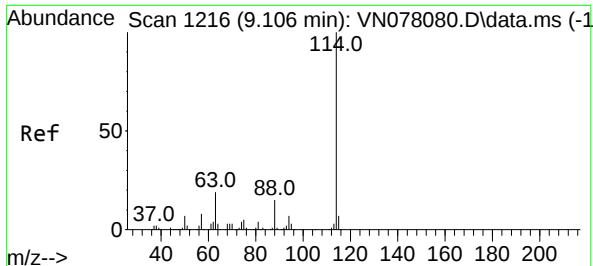
Tgt Ion:168 Resp: 350931
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.347 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

Tgt Ion: 65 Resp: 244930
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

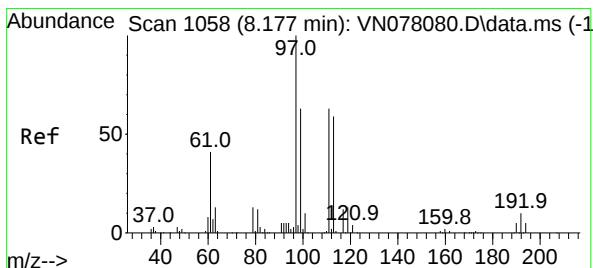
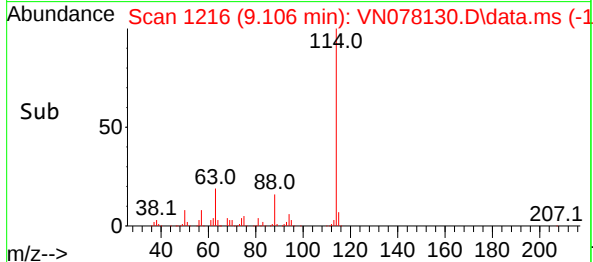
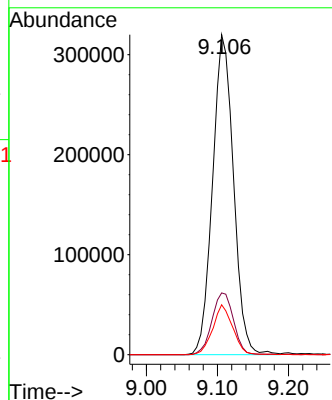
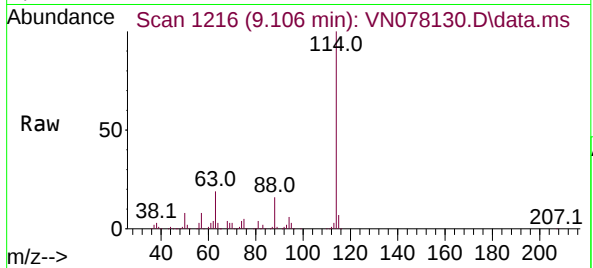




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

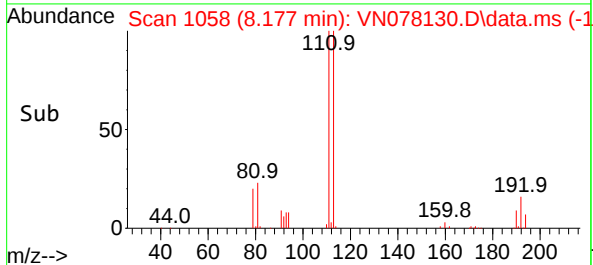
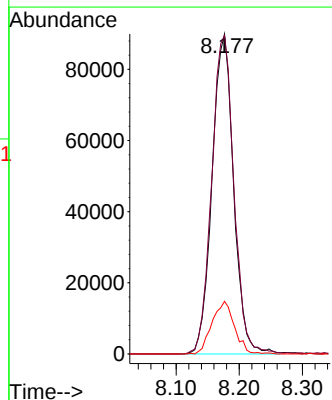
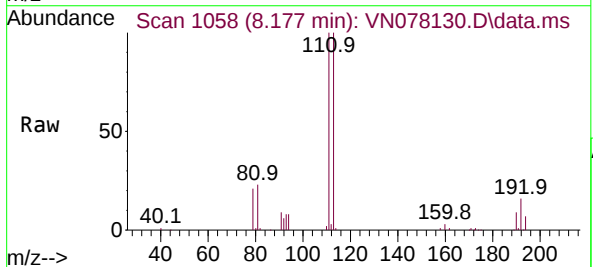
Instrument :
MSVOA_N
ClientSampleId :
30998

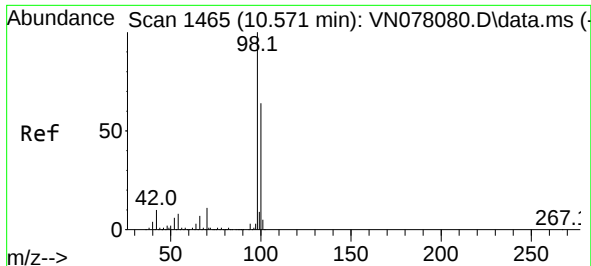
Tgt Ion:114 Resp: 653748
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.564 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

Tgt Ion:113 Resp: 213143
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.2 12.7 19.1

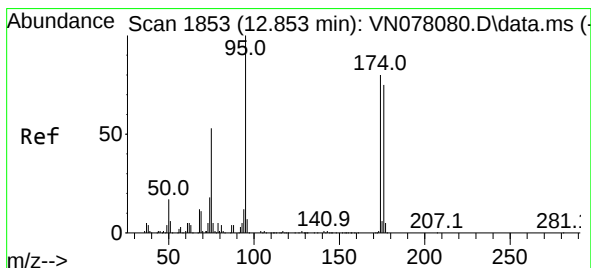
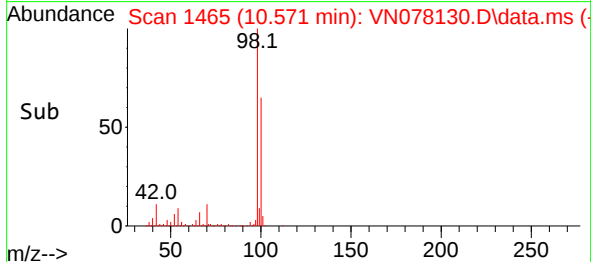
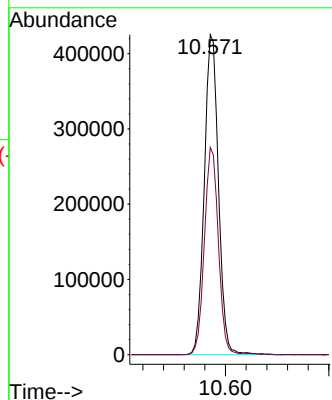
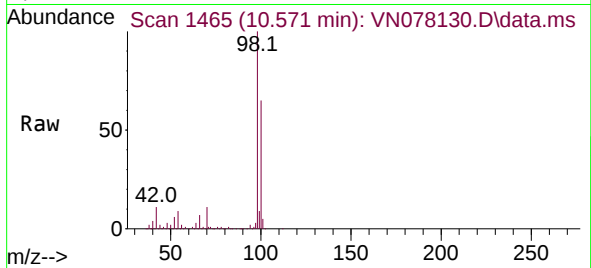




#50
Toluene-d8
Concen: 50.667 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

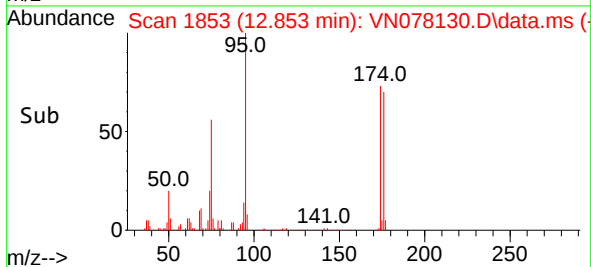
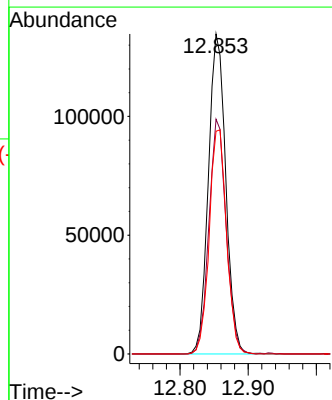
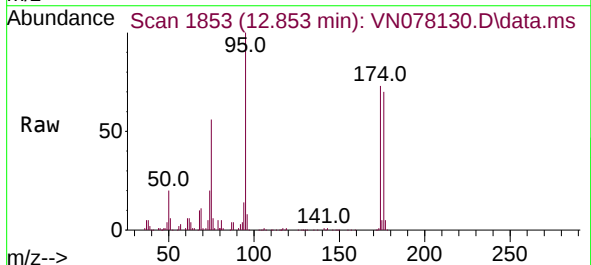
Instrument :
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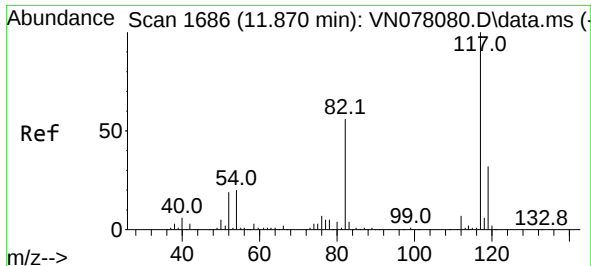
Tgt Ion: 98 Resp: 807395
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

Tgt Ion: 95 Resp: 238952
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 69.7 0.0 135.8

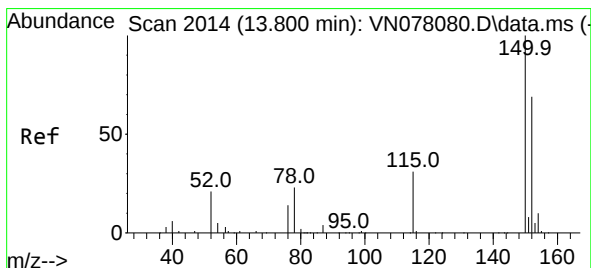
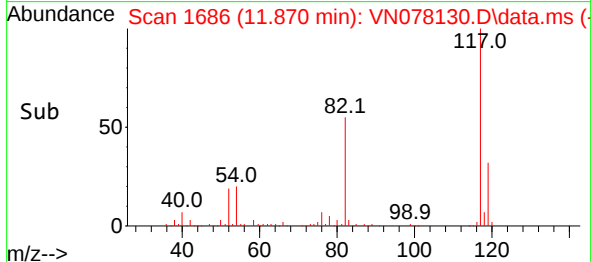
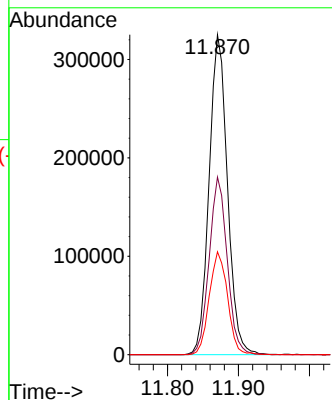
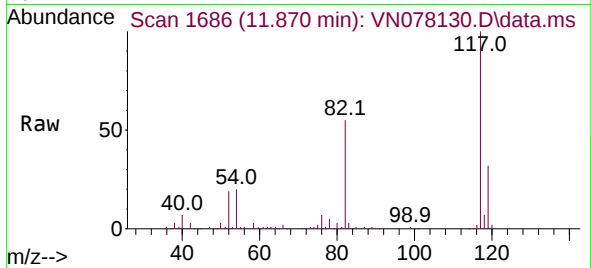




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078130.D
Acq: 08 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
30998

Tgt Ion:117 Resp: 582854
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.1 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: VN078130.D
Acq: 08 Jun 2023 15:36

Tgt Ion:152 Resp: 183571
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.6 0.0 355.8

