

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078250.D
 Acq On : 16 Jun 2023 10:54
 Operator : JC\MD
 Sample : VN0616WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBL01

Quant Time: Jun 17 02:19:23 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	8.230	168	451430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	848921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	737792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328109	54.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.020%
35) Dibromofluoromethane	8.177	113	294364	54.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.680%
50) Toluene-d8	10.571	98	979532	47.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.853	95	298379	46.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%

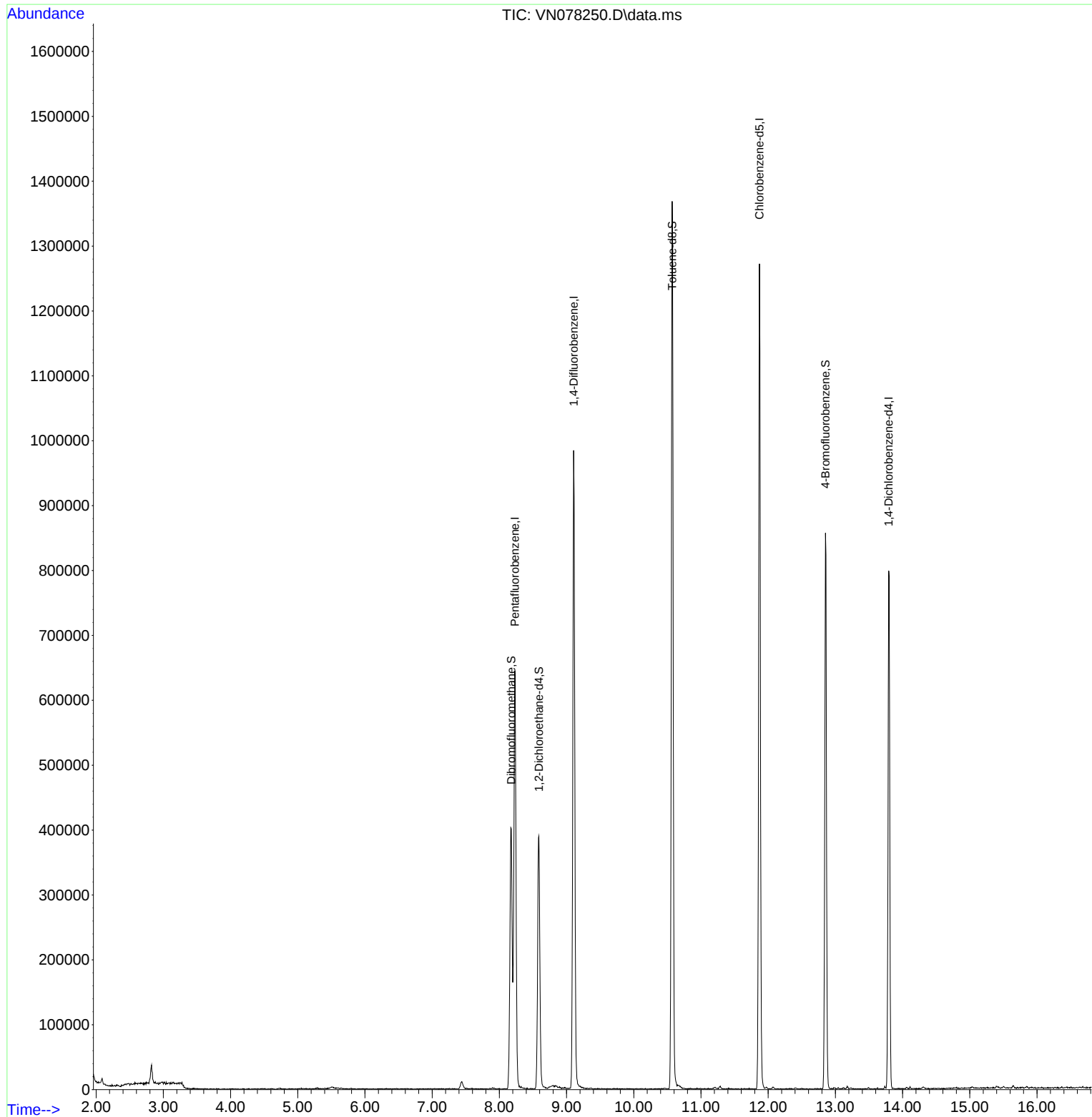
Target Compounds	Qvalue

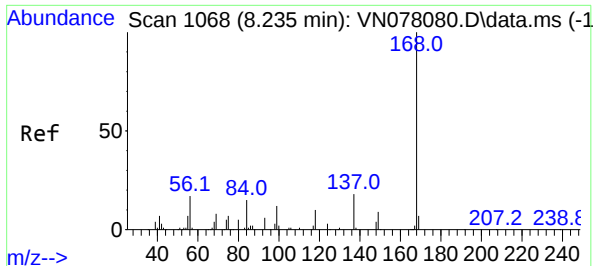
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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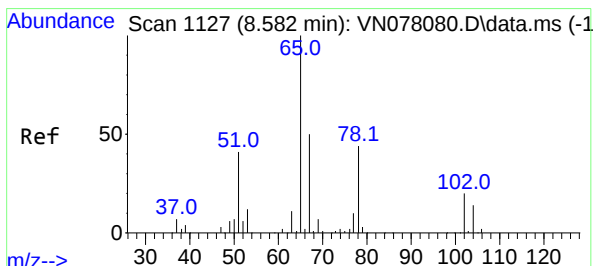
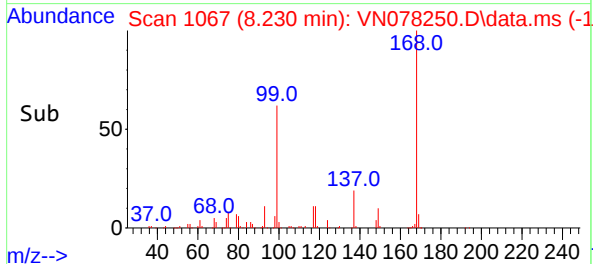
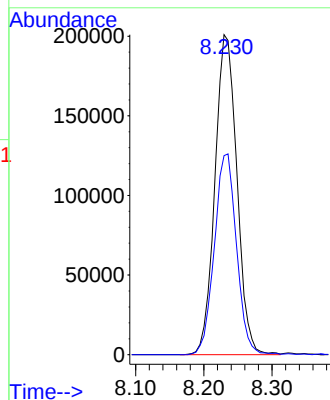
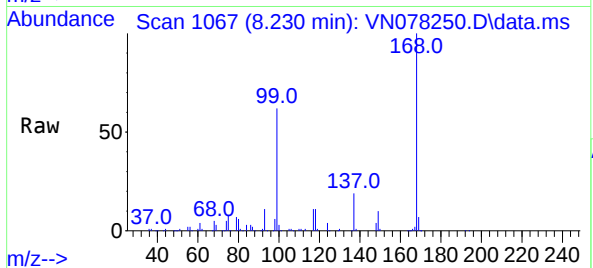




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.005 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

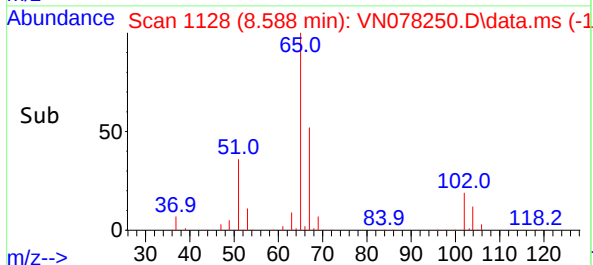
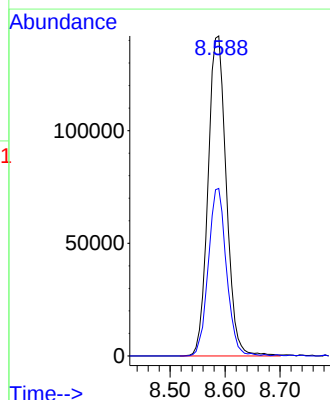
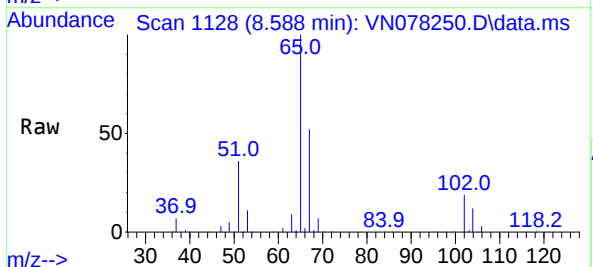
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBL01

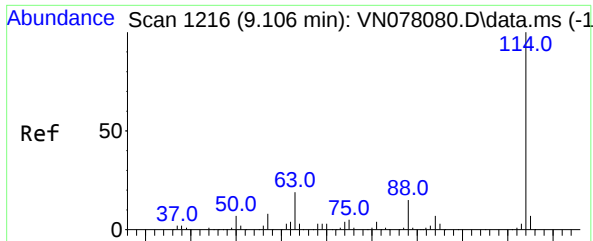
Tgt Ion:168 Resp: 451430
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.513 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

Tgt Ion: 65 Resp: 328109
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

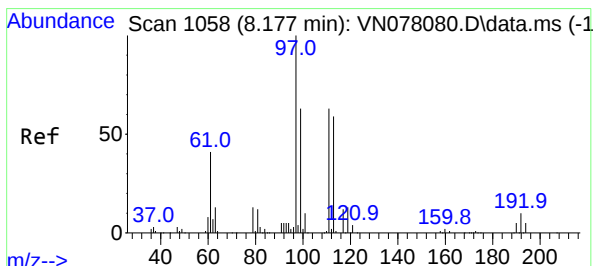
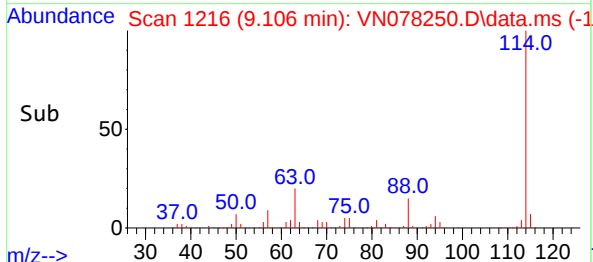
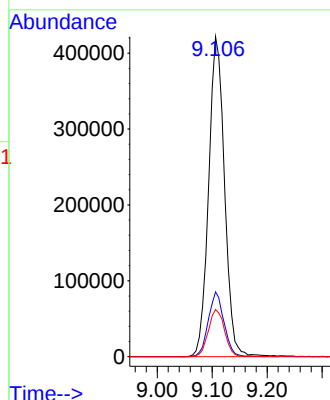
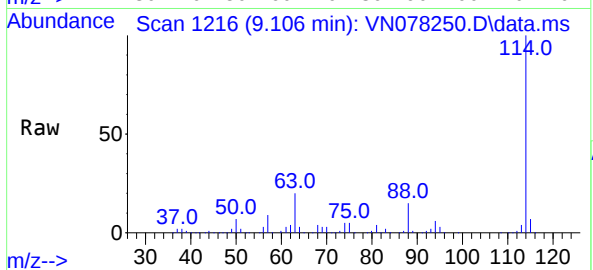




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

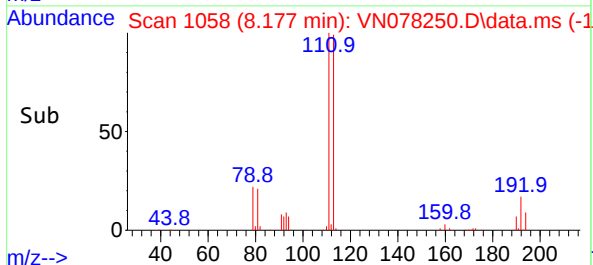
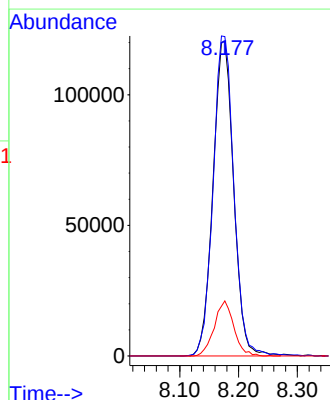
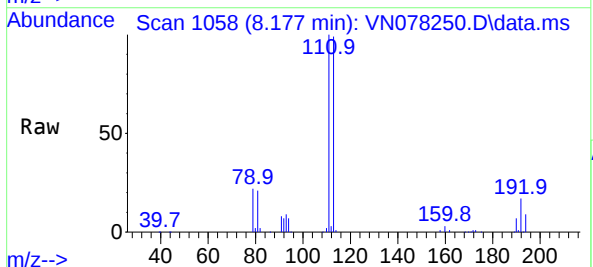
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBL01

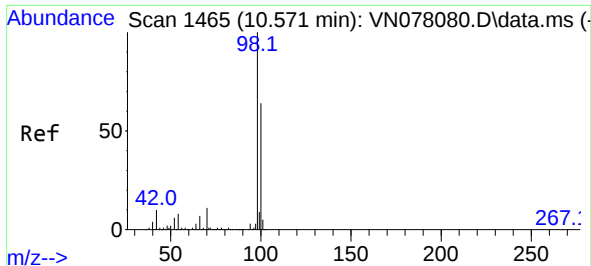
Tgt Ion:114 Resp: 848921
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.841 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

Tgt Ion:113 Resp: 294364
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 16.5 12.7 19.1

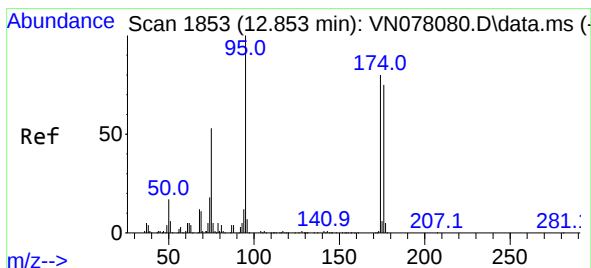
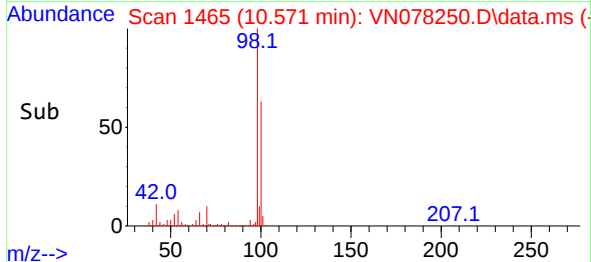
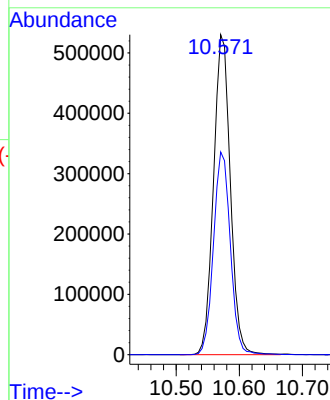
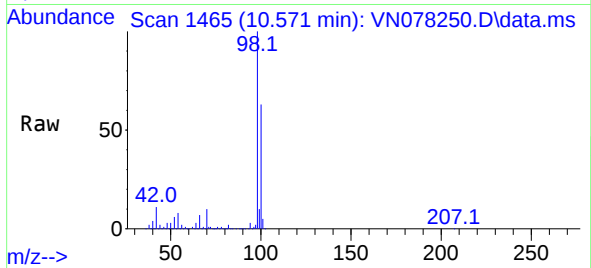




#50
Toluene-d8
Concen: 47.337 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

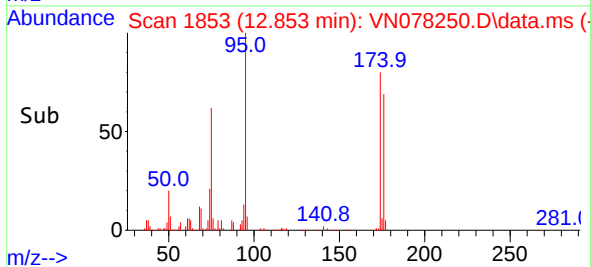
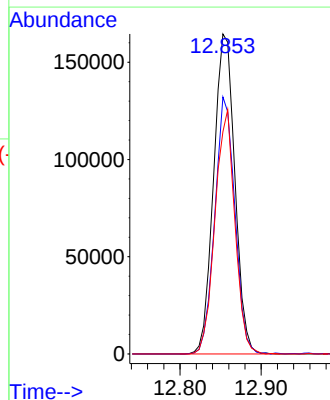
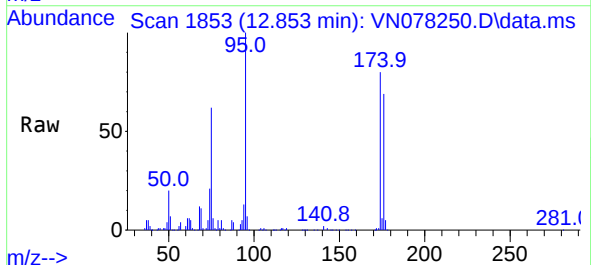
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBL01

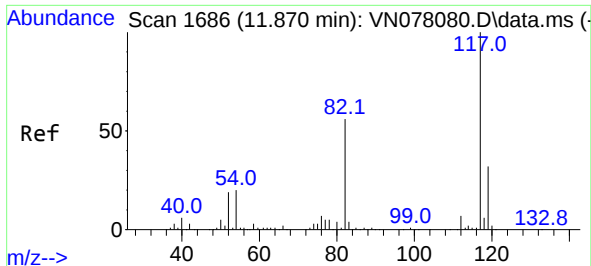
Tgt Ion: 98 Resp: 979532
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

Tgt Ion: 95 Resp: 298379
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 71.7 0.0 135.8

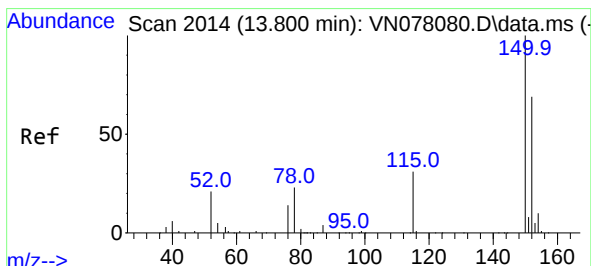
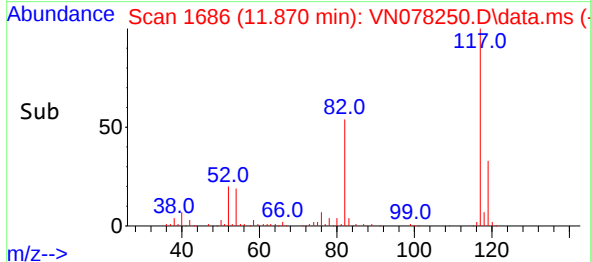
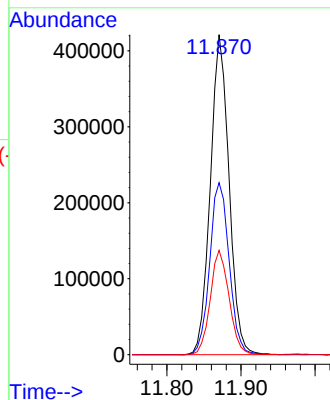
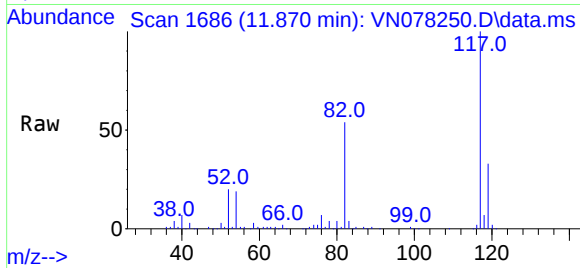




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBL01

Tgt Ion:117 Resp: 737792
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078250.D
Acq: 16 Jun 2023 10:54

Tgt Ion:152 Resp: 216316
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 160.8 0.0 355.8

