

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078253.D
 Acq On : 16 Jun 2023 12:26
 Operator : JC\MD
 Sample : 03299-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-061523

Quant Time: Jun 17 02:21:28 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)

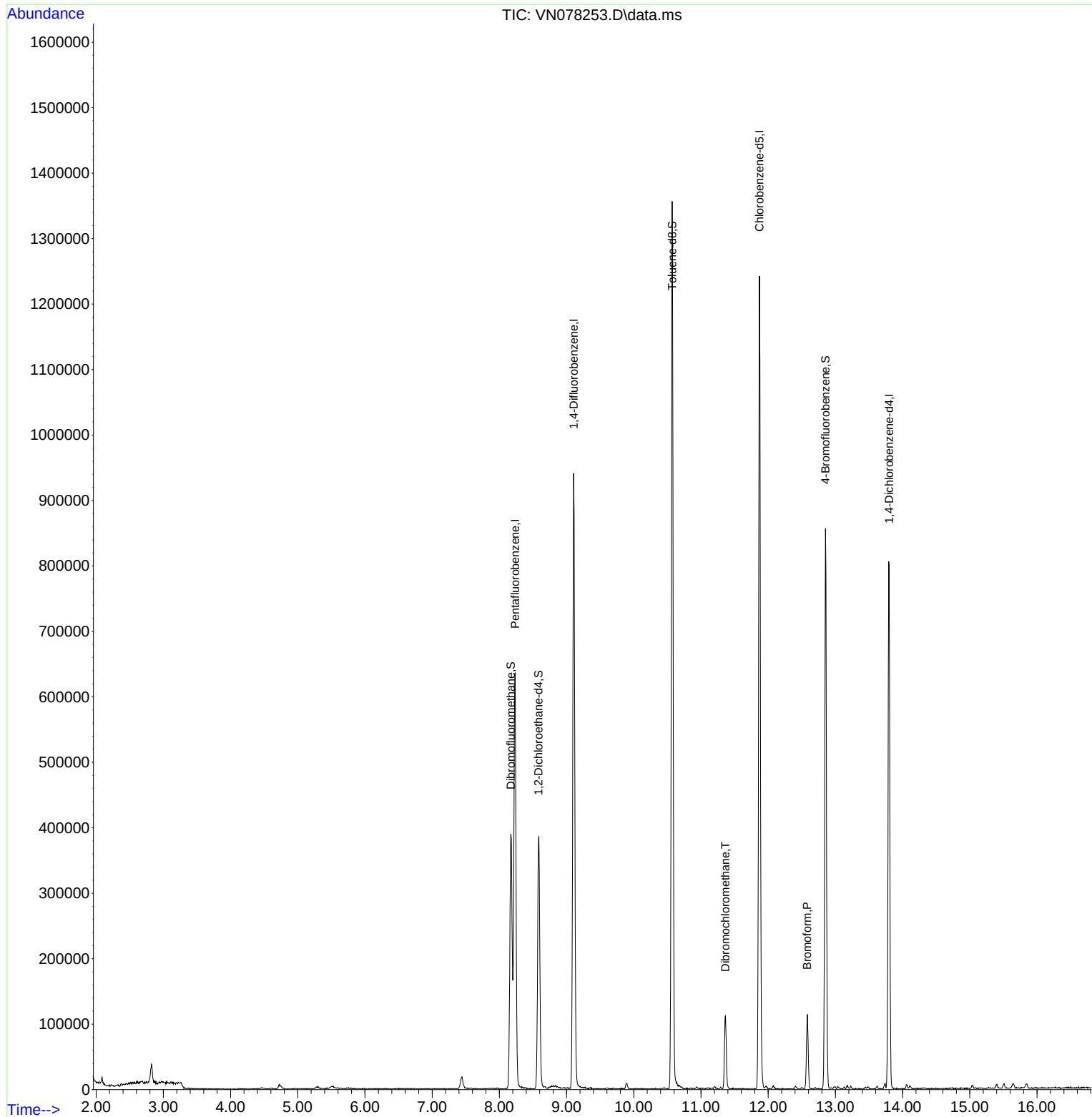
Internal Standards						
1) Pentafluorobenzene	8.235	168	456383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	821582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	737249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	219545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	320266	52.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.260%			
35) Dibromofluoromethane	8.171	113	287021	55.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.500%			
50) Toluene-d8	10.571	98	971870	48.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.853	95	300431	48.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.520%			
Target Compounds						
60) Dibromochloromethane	11.365	129	62756	10.794	ug/l	98
71) Bromoform	12.582	173	48831	13.030	ug/l #	94

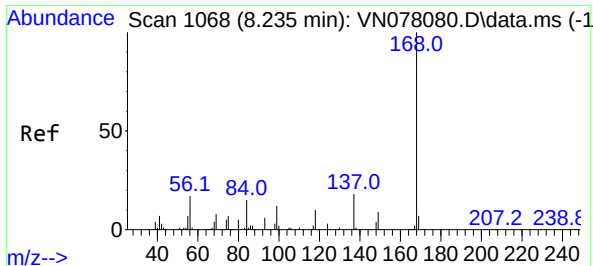
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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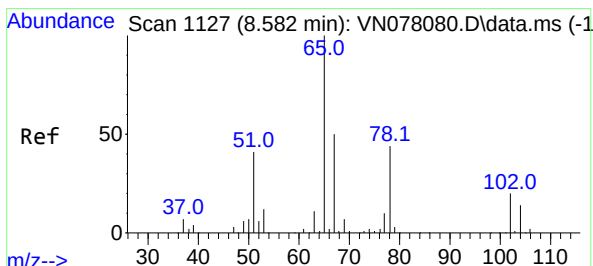
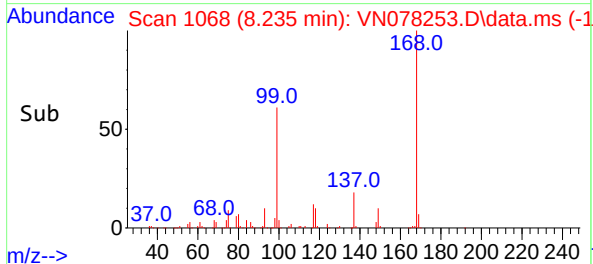
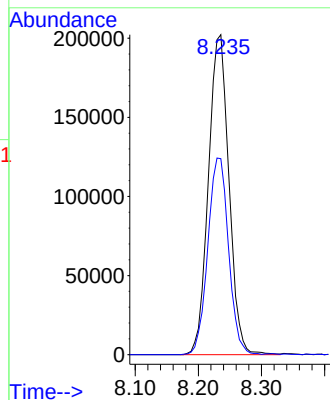
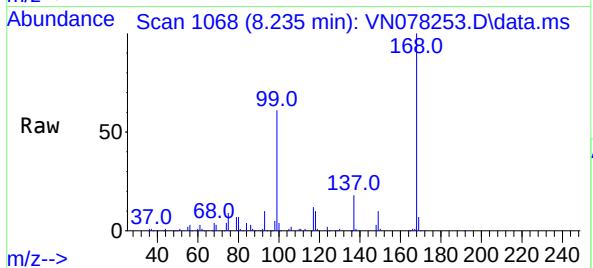




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

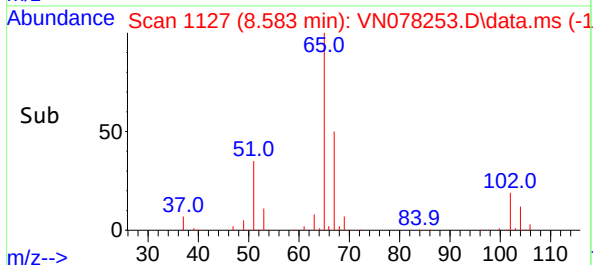
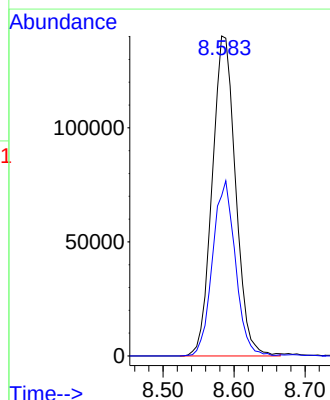
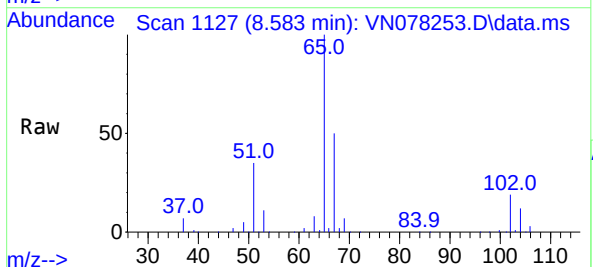
Instrument :
MSVOA_N
ClientSampleId :
TB-01-061523

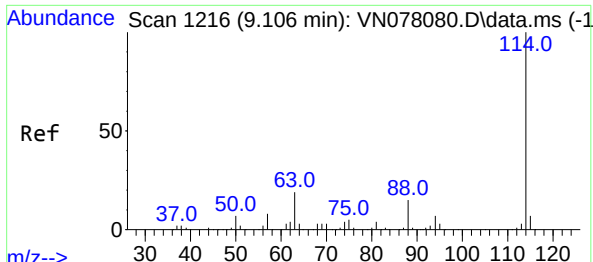
Tgt Ion:168 Resp: 456383
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.632 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Tgt Ion: 65 Resp: 320266
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

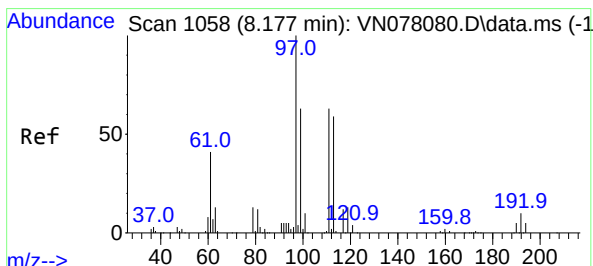
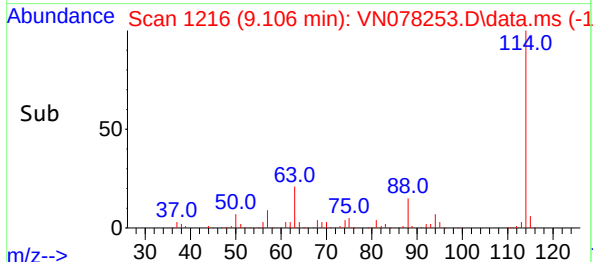
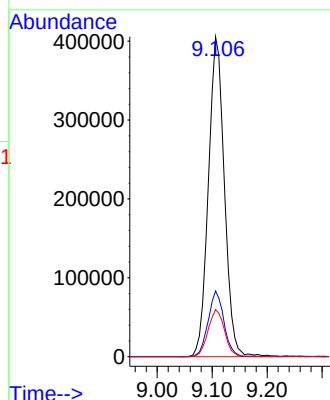
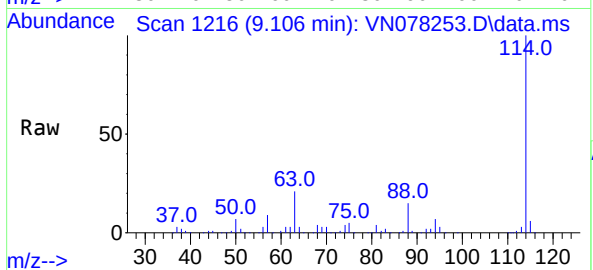




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

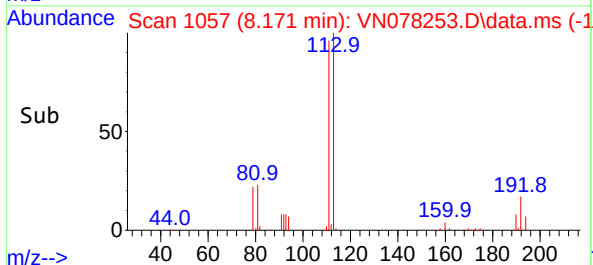
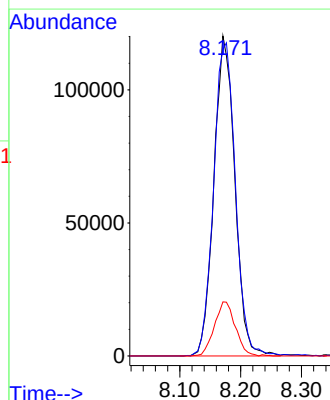
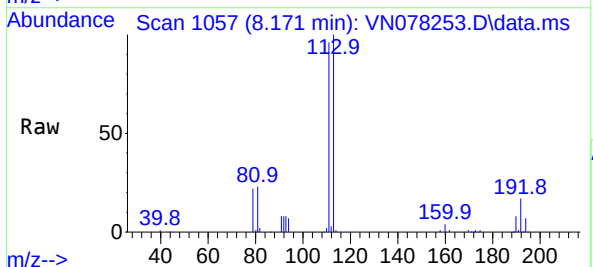
Instrument :
MSVOA_N
ClientSampleId :
TB-01-061523

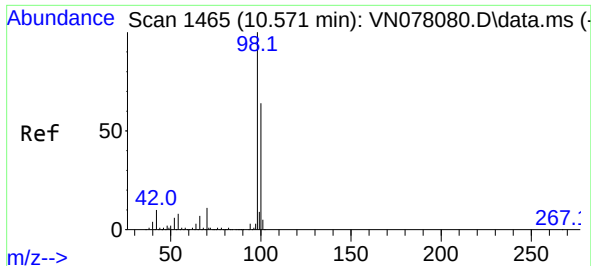
Tgt Ion:114 Resp: 821582
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.252 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Tgt Ion:113 Resp: 287021
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.9 12.7 19.1

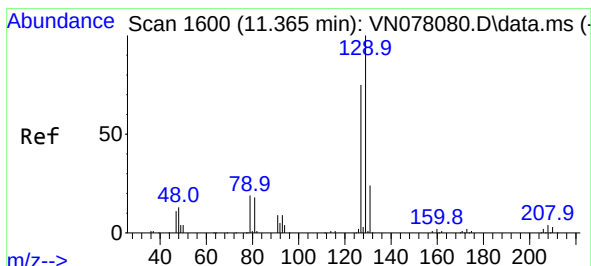
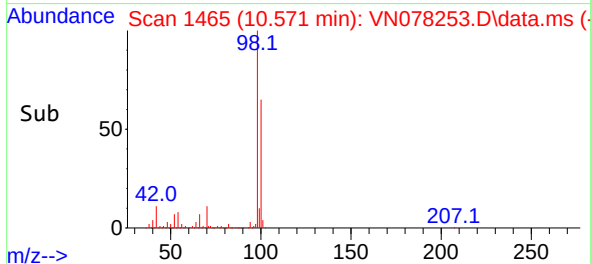
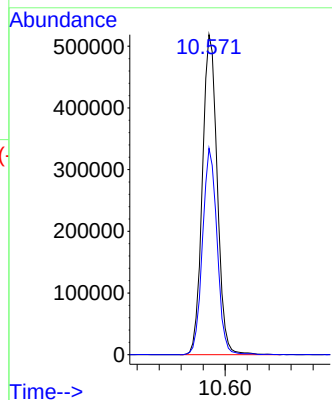
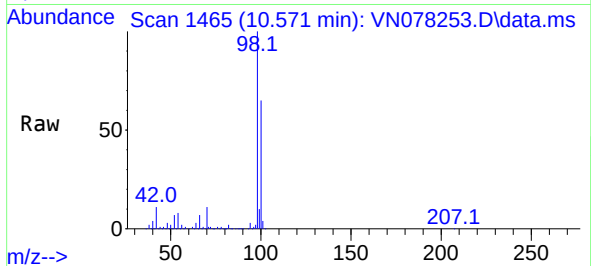




#50
Toluene-d8
Concen: 48.530 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

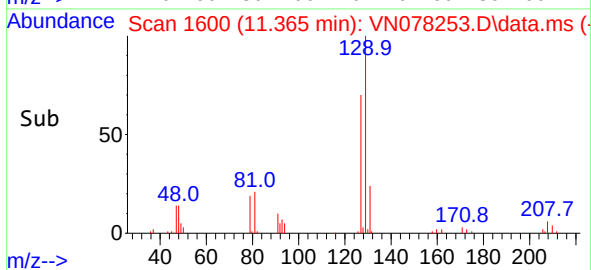
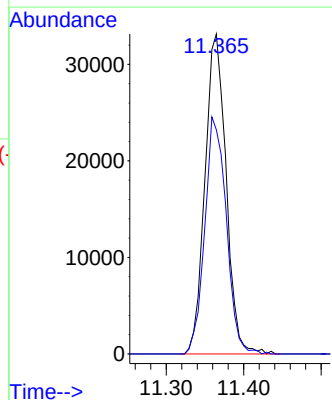
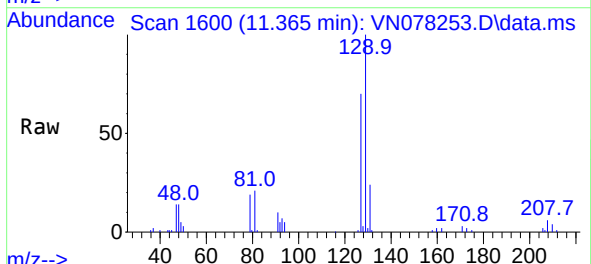
Instrument :
MSVOA_N
ClientSampleId :
TB-01-061523

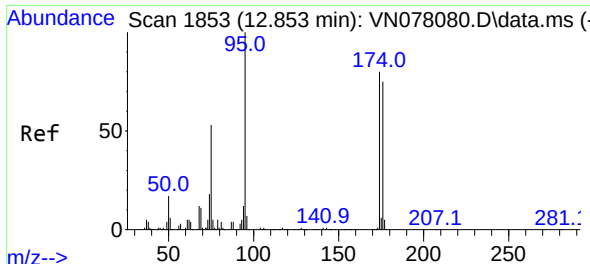
Tgt Ion: 98 Resp: 971870
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#60
Dibromochloromethane
Concen: 10.794 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Tgt Ion:129 Resp: 62756
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0

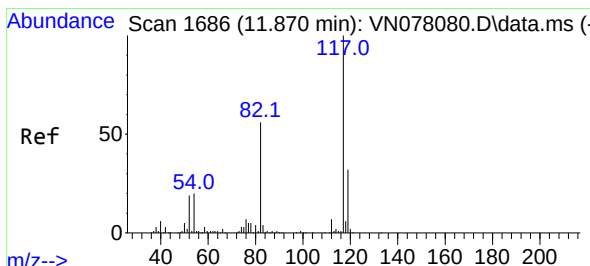
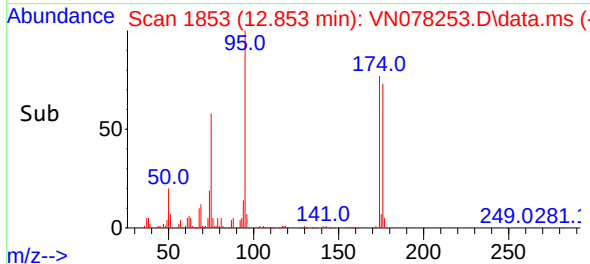
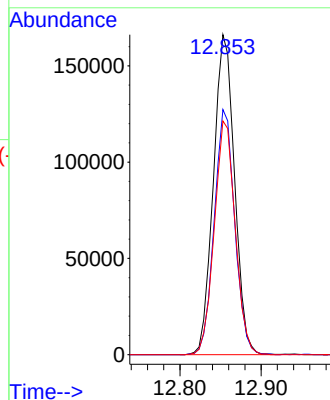
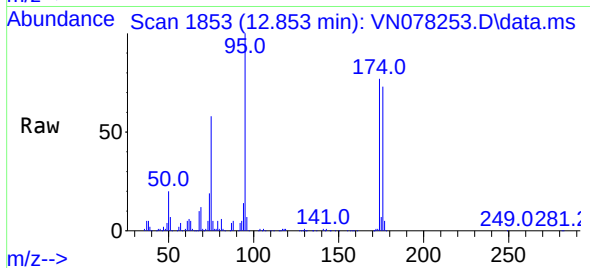




#62
4-Bromofluorobenzene
Concen: 48.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

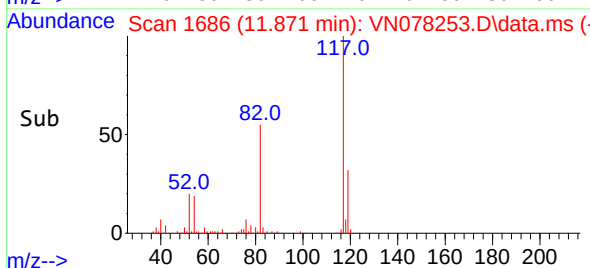
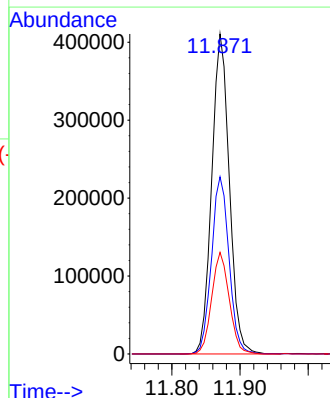
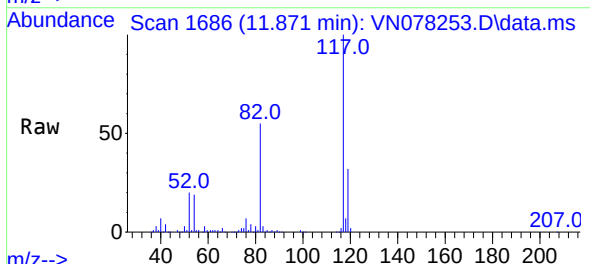
Instrument :
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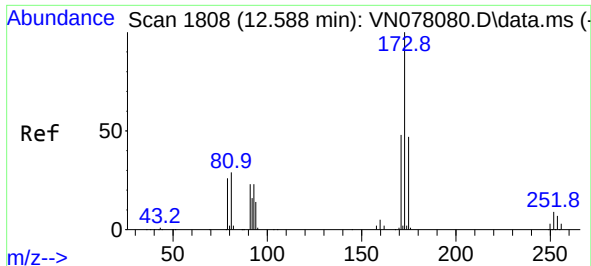
Tgt Ion: 95 Resp: 300431
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Tgt Ion: 117 Resp: 737249
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.8 25.6 38.4

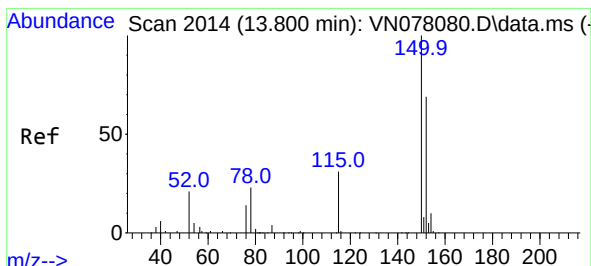
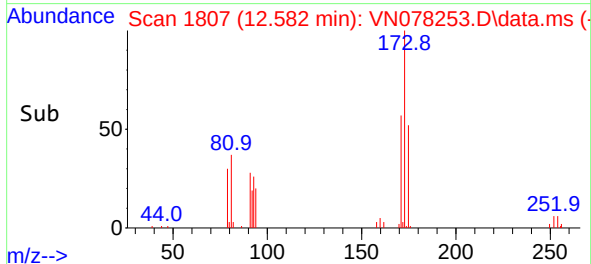
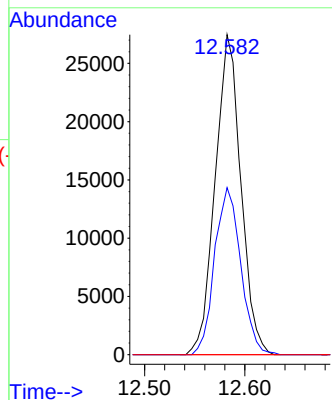
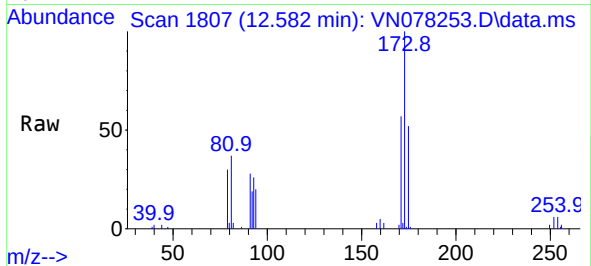




#71
Bromoform
Concen: 13.030 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
TB-01-061523

Tgt Ion:173 Resp: 48831
Ion Ratio Lower Upper
173 100
175 53.1 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078253.D
Acq: 16 Jun 2023 12:26

Tgt Ion:152 Resp: 219545
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 162.2 0.0 355.8

