

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077746.D
 Acq On : 18 May 2023 19:04
 Operator : JC\MD
 Sample : 02834-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20230516

Quant Time: May 19 07:37:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

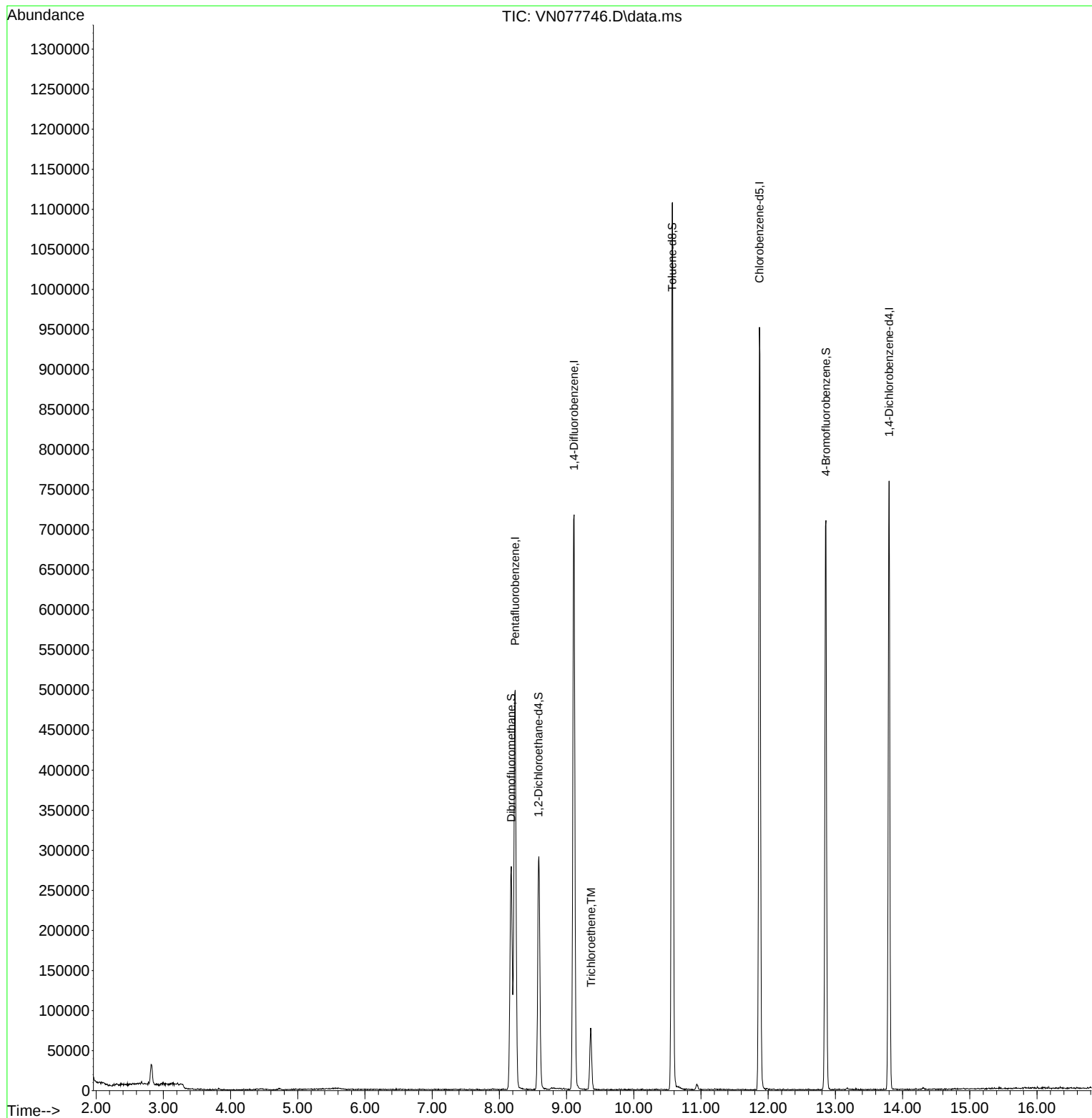
Internal Standards						
1) Pentafluorobenzene	8.235	168	357657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	643555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	574437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244126	45.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	8.177	113	203447	48.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.571	98	801454	49.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.859	95	264018	46.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds						
44) Trichloroethene	9.365	130	26728	5.828	ug/l	93

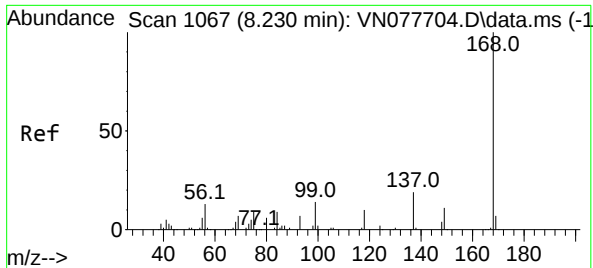
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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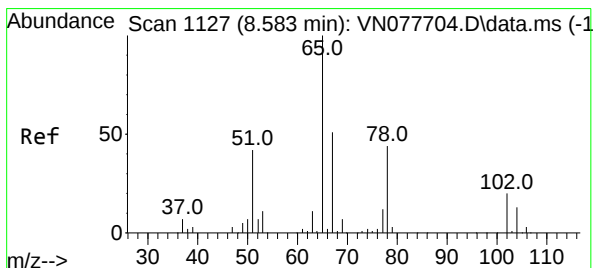
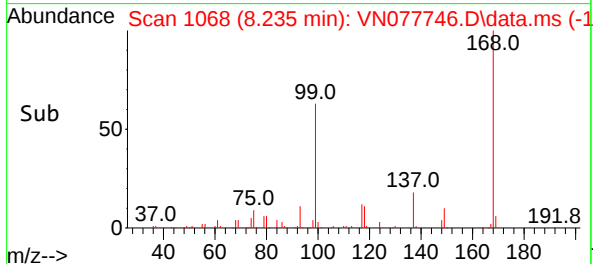
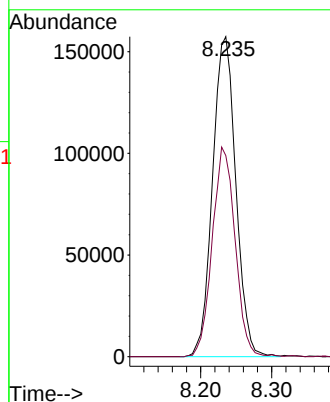
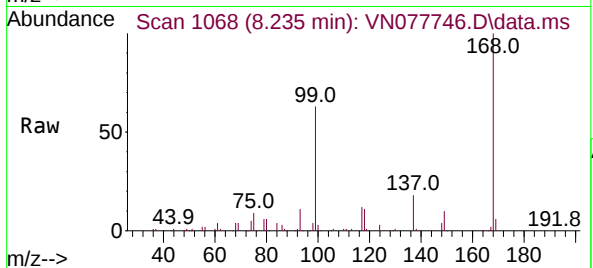




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

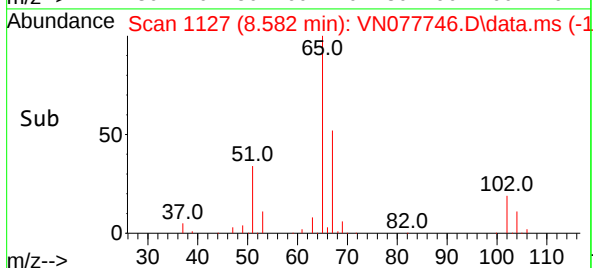
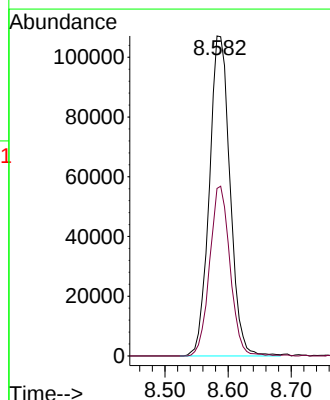
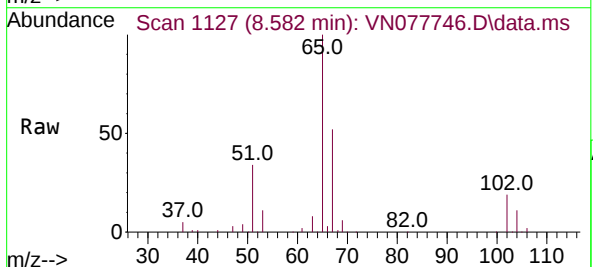
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

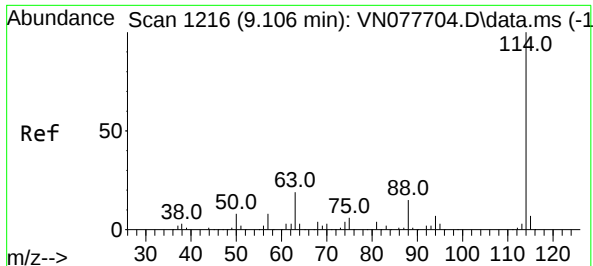
Tgt Ion:168 Resp: 357657
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.619 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 65 Resp: 244126
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077746.D

Acq: 18 May 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20230516

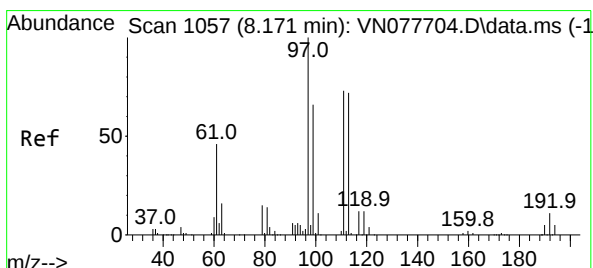
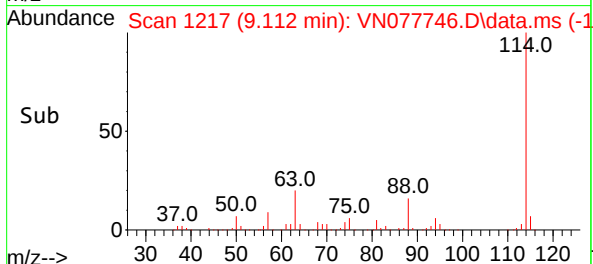
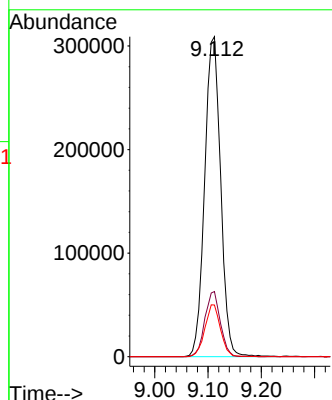
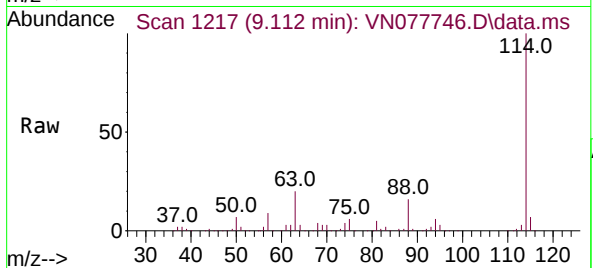
Tgt Ion:114 Resp: 643555

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.480 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077746.D

Acq: 18 May 2023 19:04

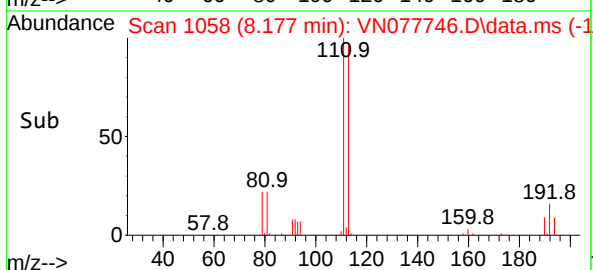
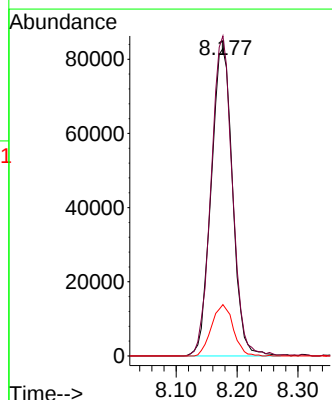
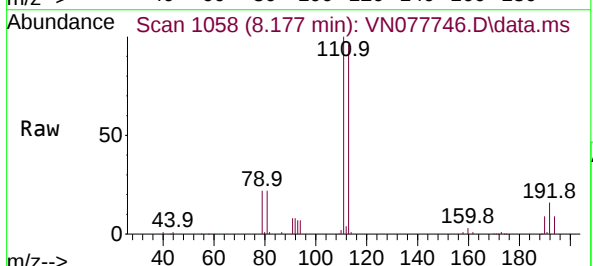
Tgt Ion:113 Resp: 203447

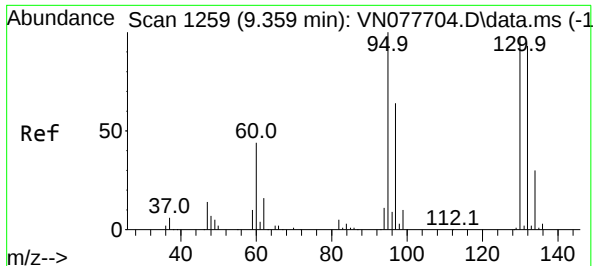
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.8 12.7 19.1

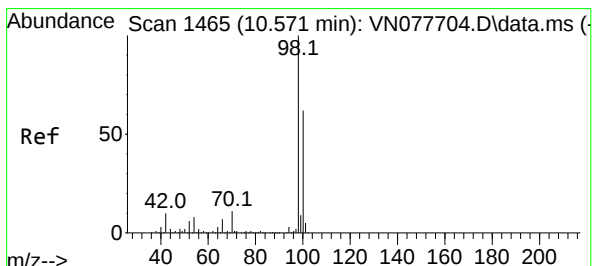
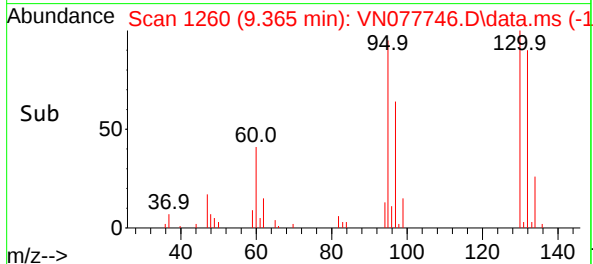
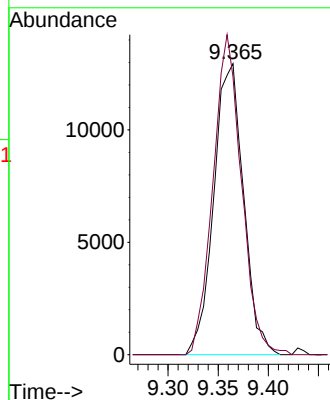
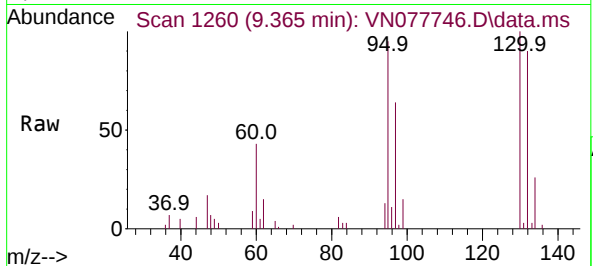




#44
Trichloroethene
Concen: 5.828 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

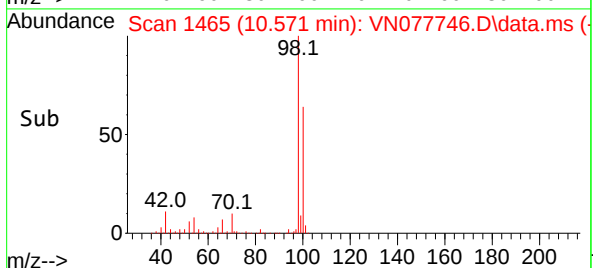
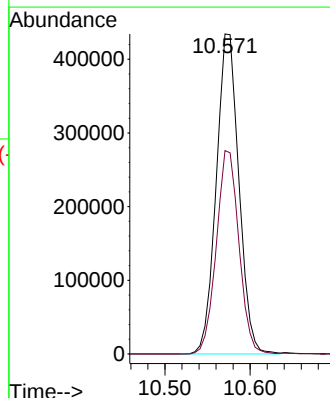
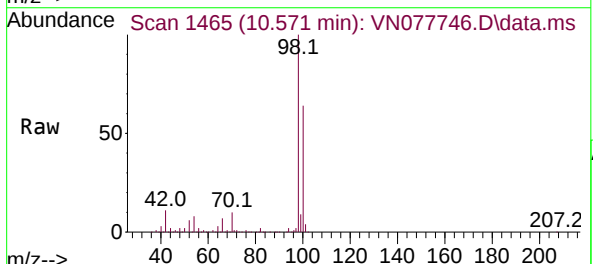
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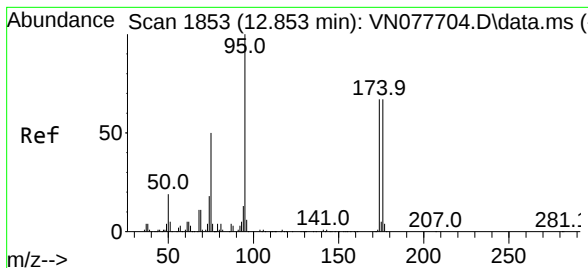
Tgt Ion:130 Resp: 26728
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.6



#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 98 Resp: 801454
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

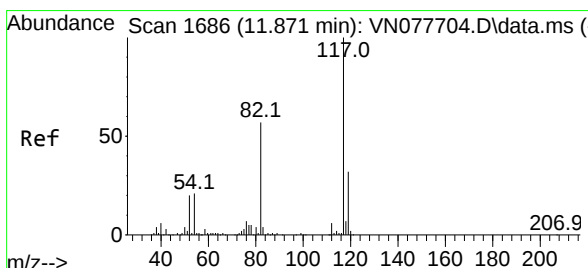
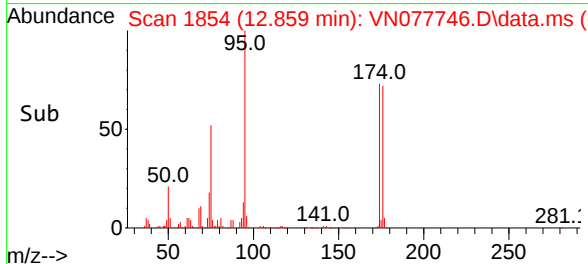
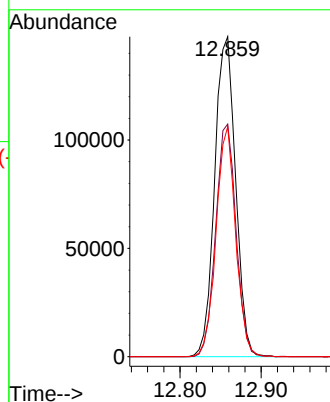
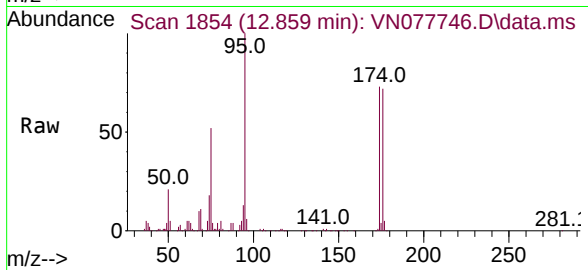




#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

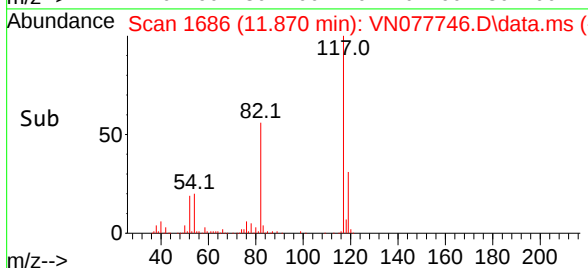
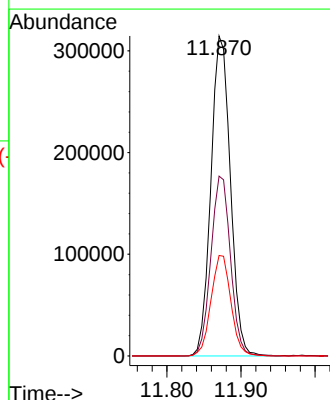
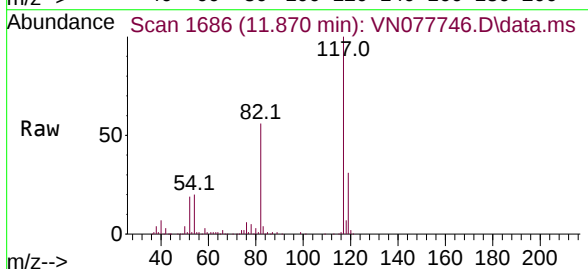
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

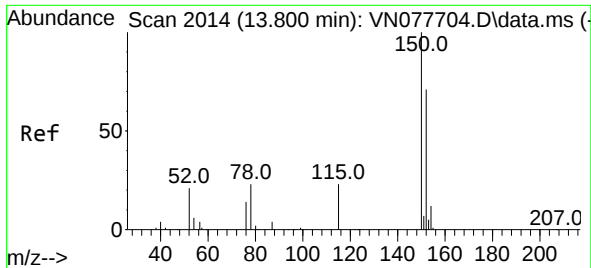
Tgt Ion: 95 Resp: 264018
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 67.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

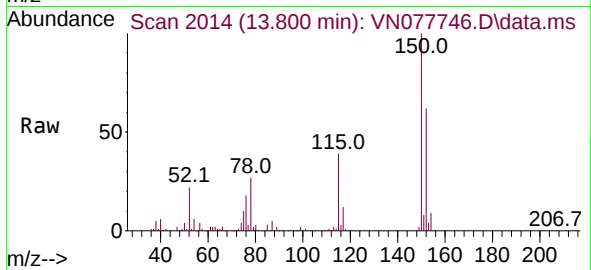
Tgt Ion: 117 Resp: 574437
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077746.D
 Acq: 18 May 2023 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20230516



Tgt Ion:152 Resp: 197802
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 158.3 0.0 355.8

