

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077069.D
 Acq On : 20 Mar 2023 15:29
 Operator : JC\MD
 Sample : 01941-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D-20230313

Quant Time: Mar 21 05:37:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

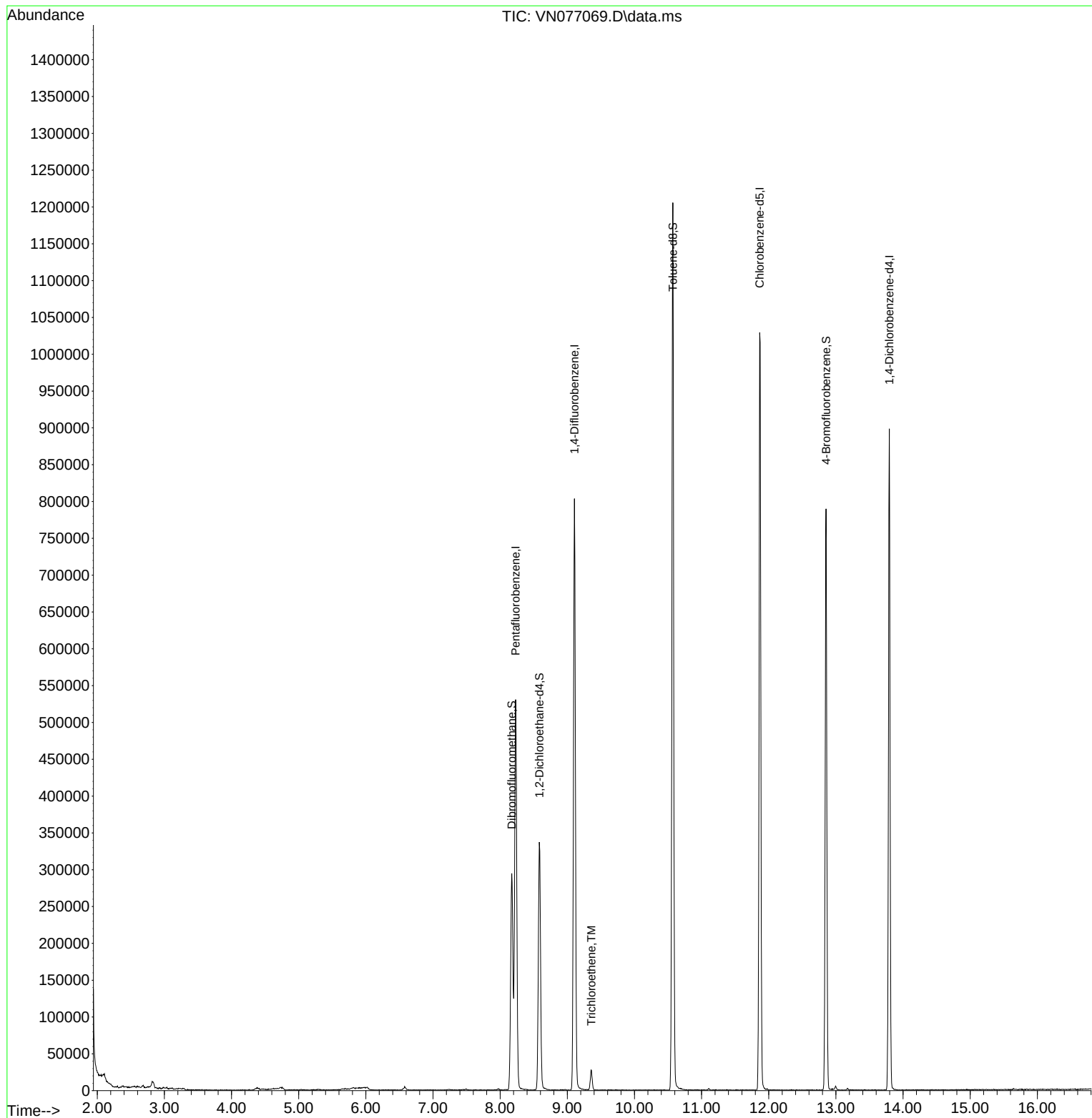
Internal Standards						
1) Pentafluorobenzene	8.230	168	367287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	666129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	599872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	231438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	279312	47.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.220%
35) Dibromofluoromethane	8.172	113	215710	46.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	10.571	98	817941	49.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.854	95	280552	47.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.360	130	9081	1.789	ug/l	93

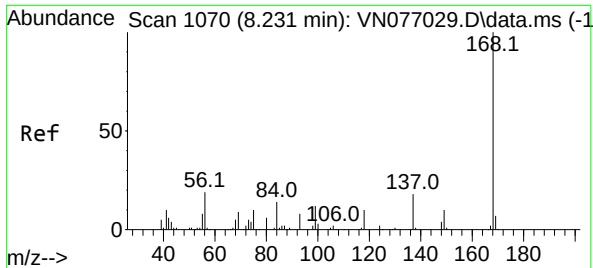
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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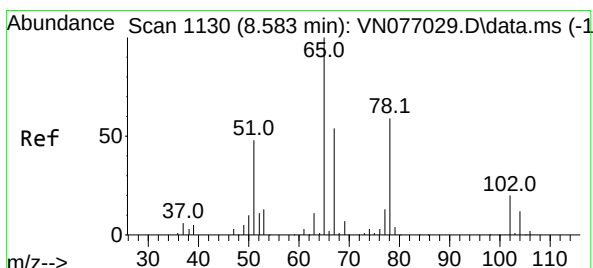
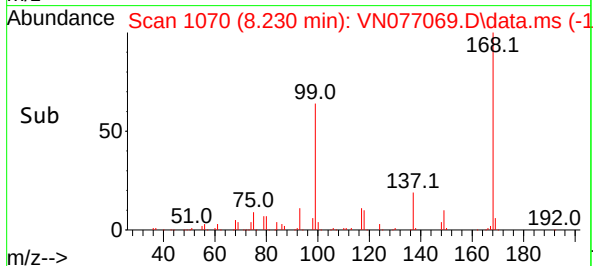
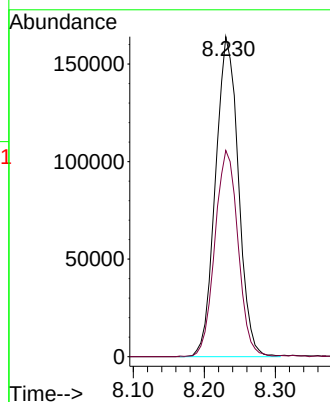
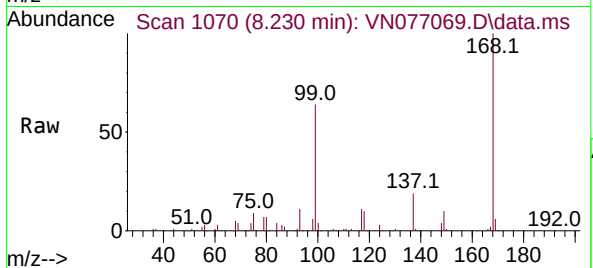




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

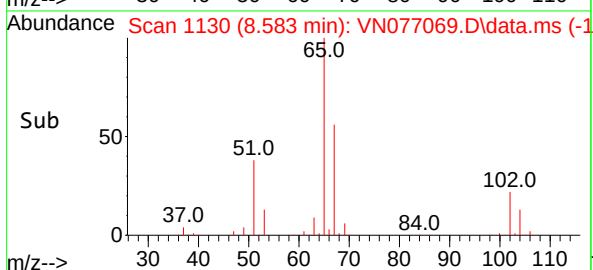
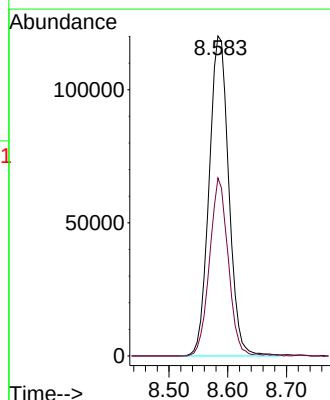
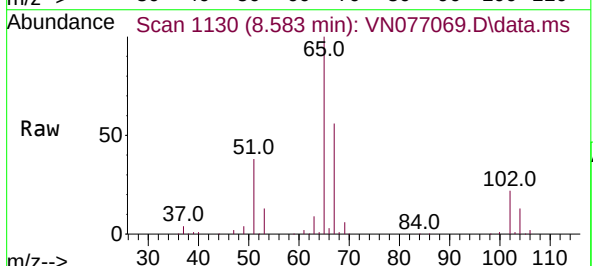
Instrument :
MSVOA_N
ClientSampleId :
TT180D-20230313

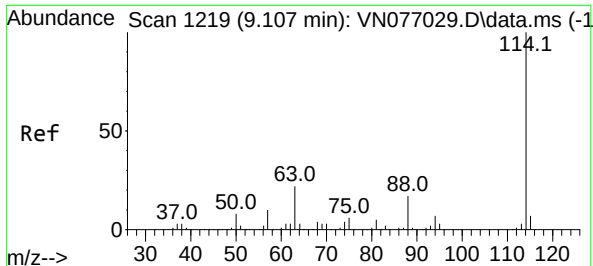
Tgt Ion:168 Resp: 367287
Ion Ratio Lower Upper
168 100
99 64.3 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 47.609 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

Tgt Ion: 65 Resp: 279312
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077069.D

Acq: 20 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

TT180D-20230313

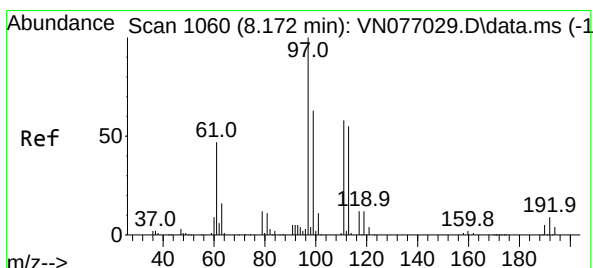
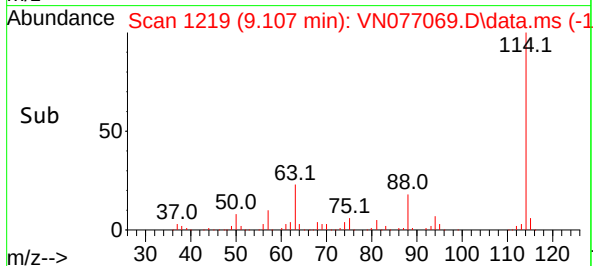
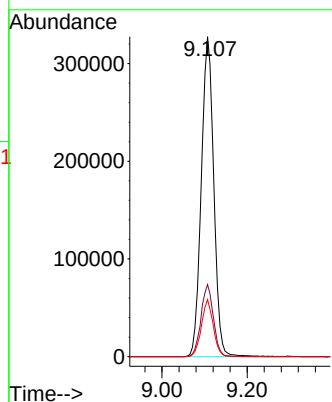
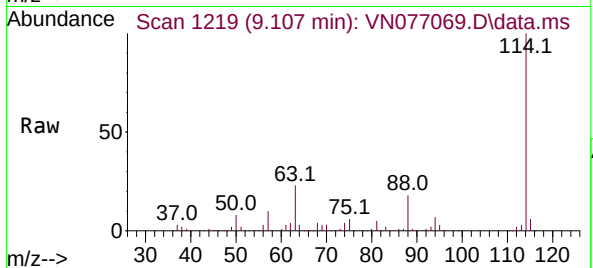
Tgt Ion:114 Resp: 666129

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.240 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077069.D

Acq: 20 Mar 2023 15:29

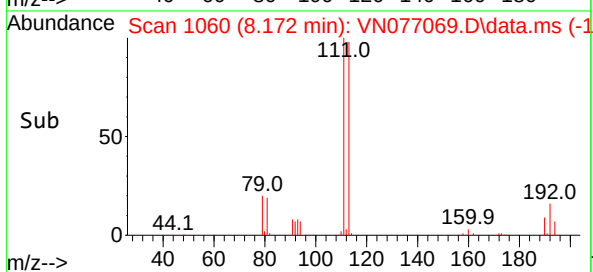
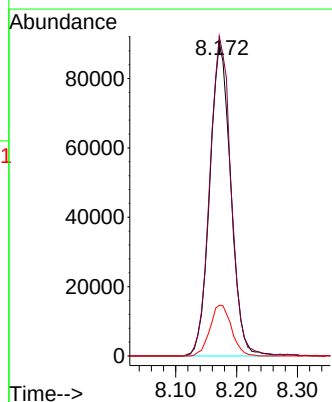
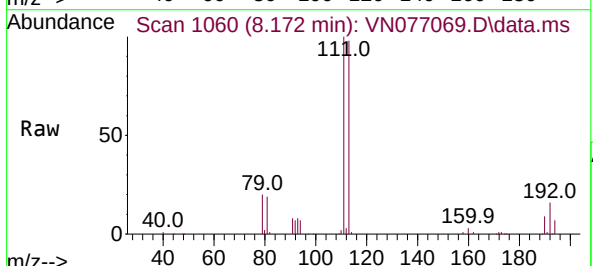
Tgt Ion:113 Resp: 215710

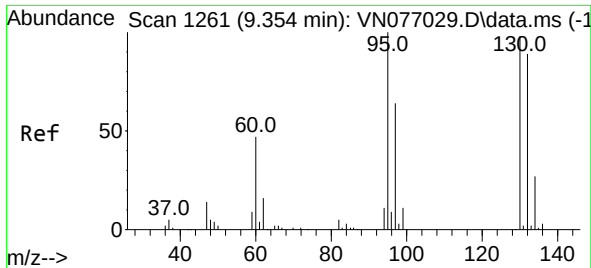
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 16.6 13.0 19.6

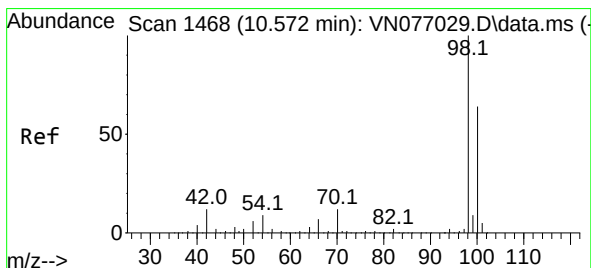
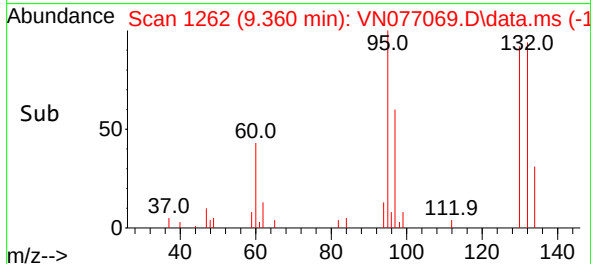
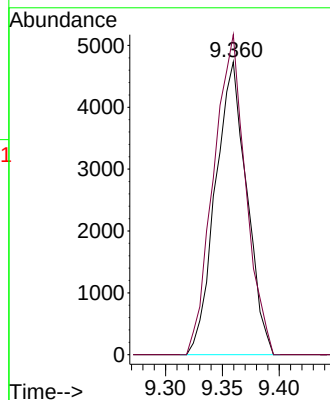
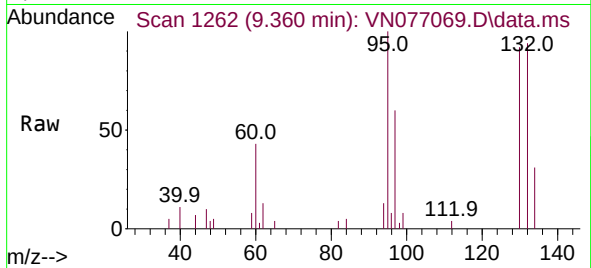




#44
Trichloroethene
Concen: 1.789 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

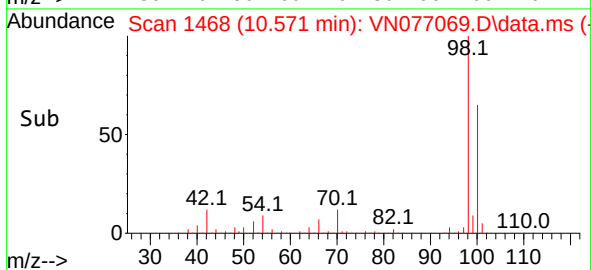
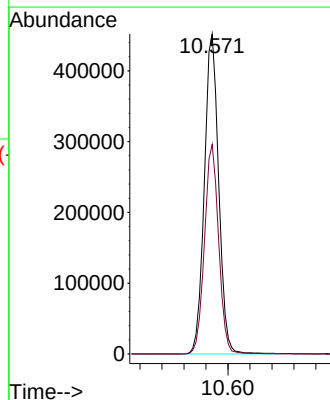
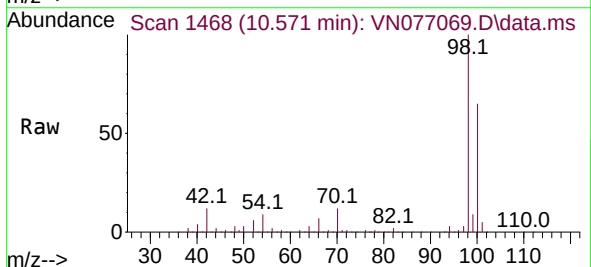
Instrument :
MSVOA_N
ClientSampleId :
TT180D-20230313

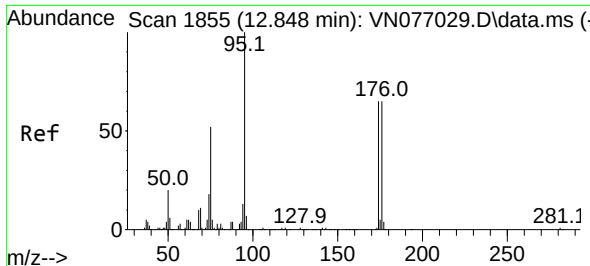
Tgt Ion:130 Resp: 9081
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4



#50
Toluene-d8
Concen: 49.084 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

Tgt Ion: 98 Resp: 817941
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

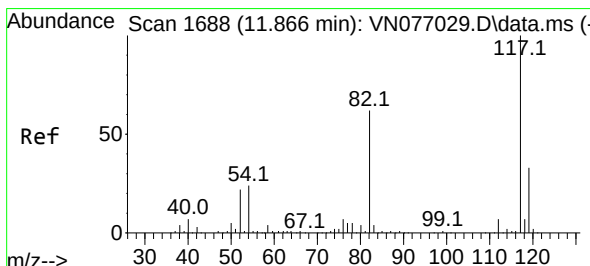
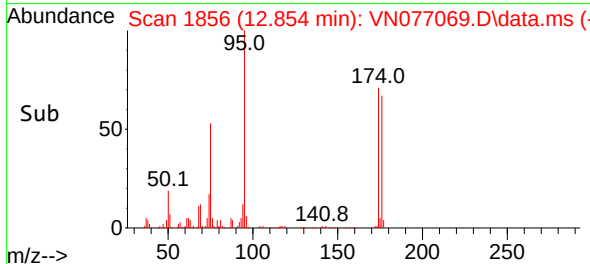
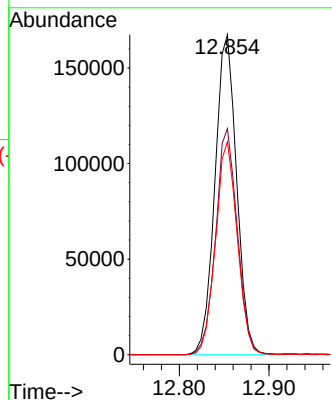
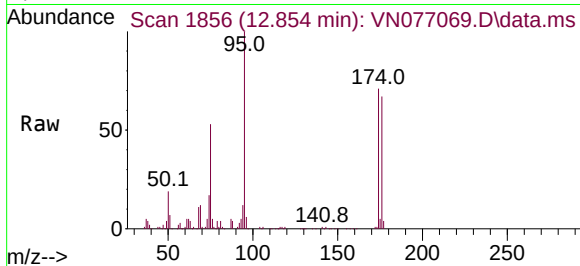




#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

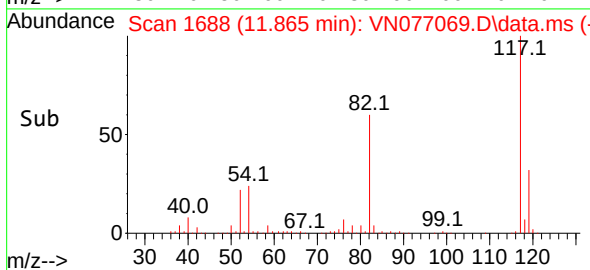
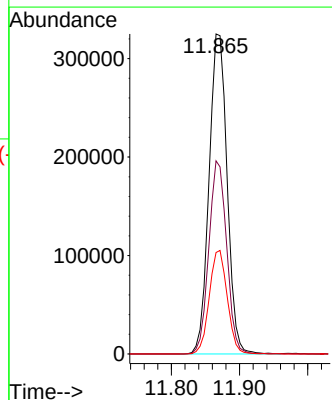
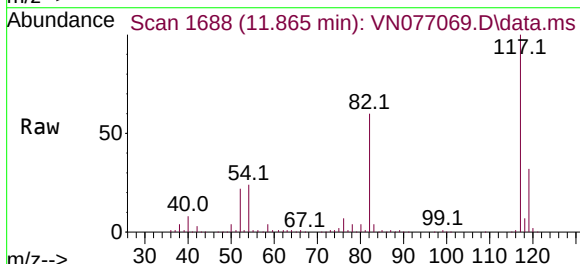
Instrument :
MSVOA_N
ClientSampleId :
TT180D-20230313

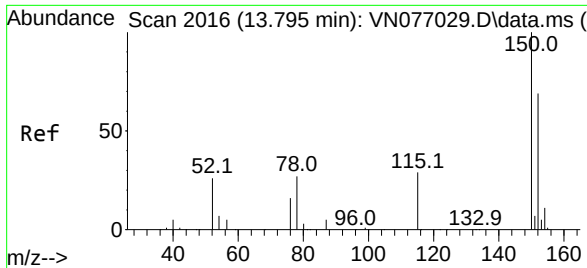
Tgt Ion: 95 Resp: 280552
Ion Ratio Lower Upper
95 100
174 70.7 0.0 136.6
176 66.6 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VN077069.D
Acq: 20 Mar 2023 15:29

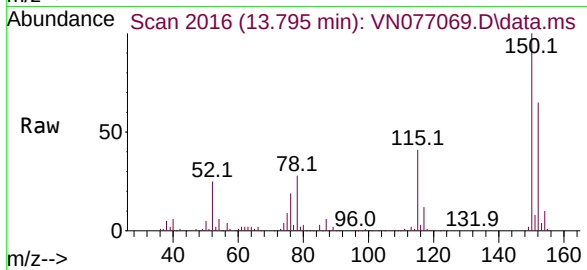
Tgt Ion: 117 Resp: 599872
Ion Ratio Lower Upper
117 100
82 60.4 49.4 74.0
119 31.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077069.D
 Acq: 20 Mar 2023 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D-20230313



Tgt Ion:152 Resp: 231438
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.9 95.7
 150 155.4 0.0 348.0

