

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077790.D
 Acq On : 22 May 2023 15:29
 Operator : JC\MD
 Sample : 02880-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20230518

Quant Time: May 23 04:20:06 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)

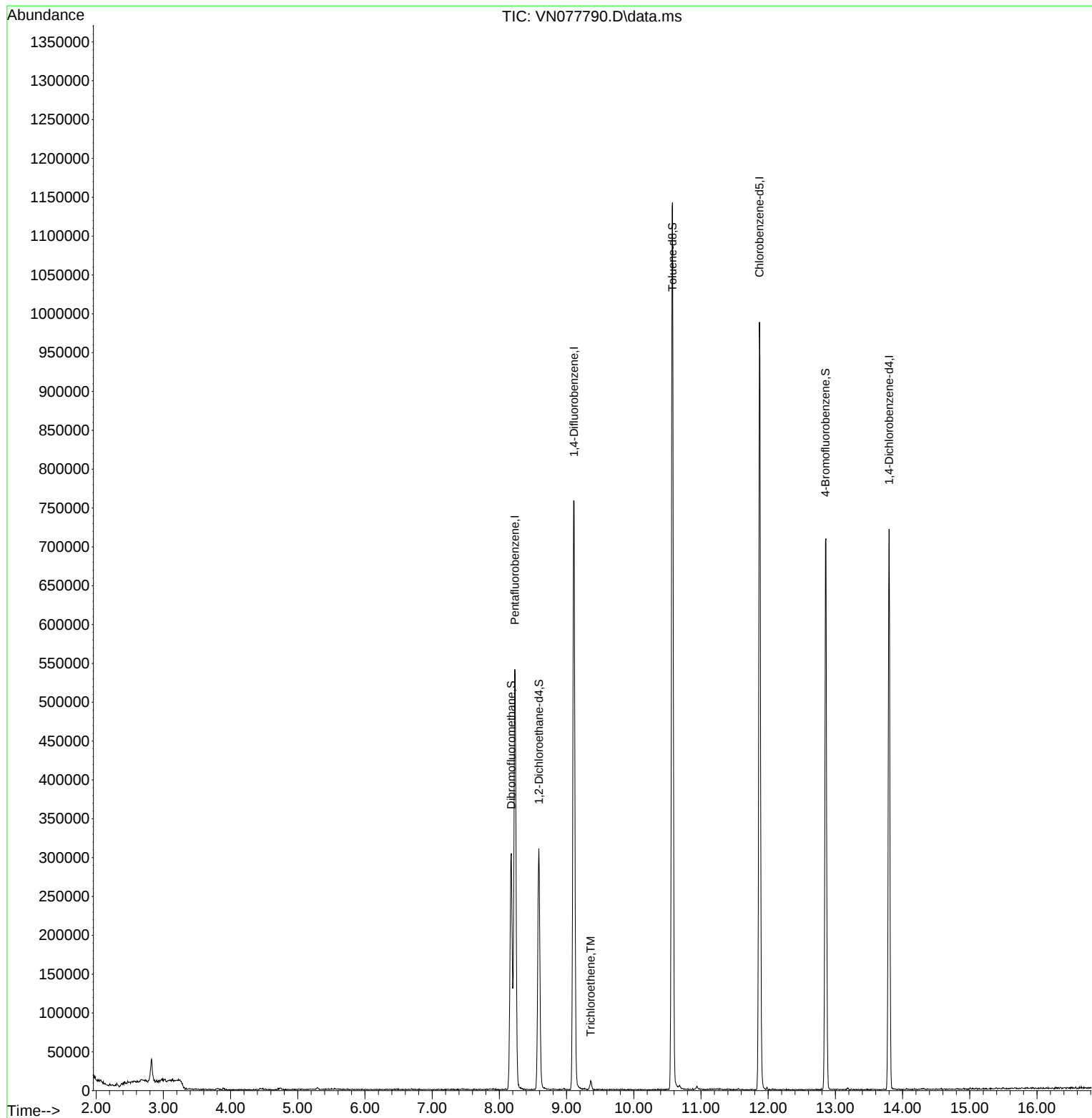
Internal Standards						
1) Pentafluorobenzene	8.229	168	388200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	683459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251896	43.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.740%
35) Dibromofluoromethane	8.177	113	224423	50.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	10.576	98	838917	48.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.853	95	264255	43.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.240%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	3750	0.770	ug/l	78

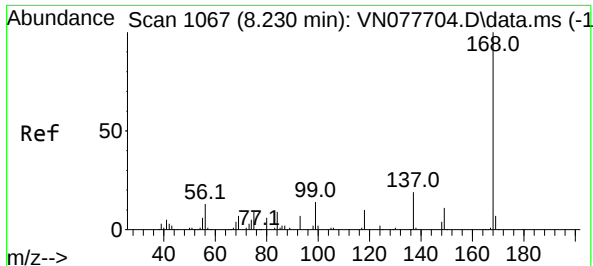
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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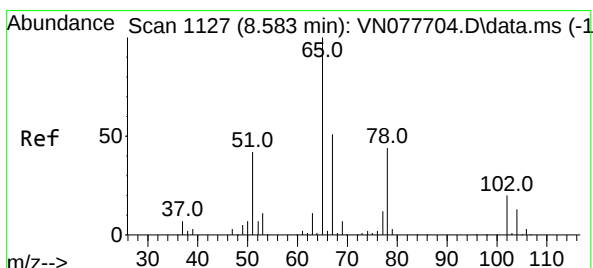
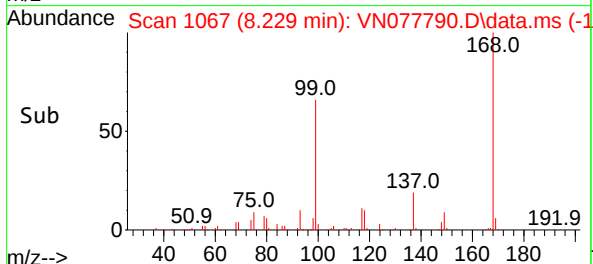
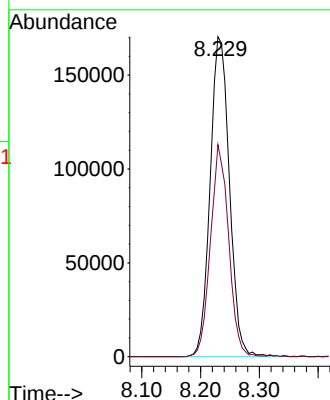
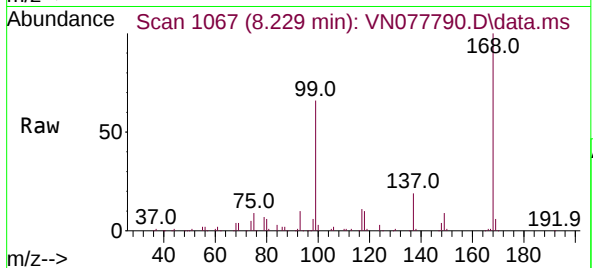




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

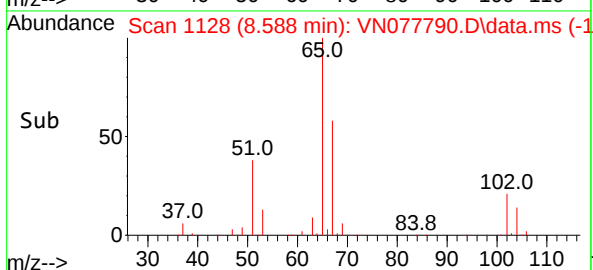
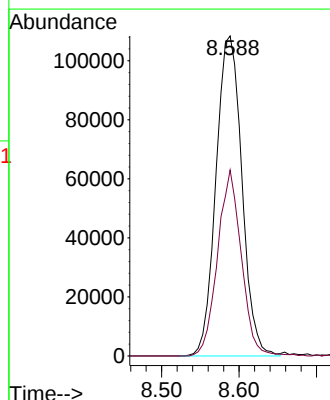
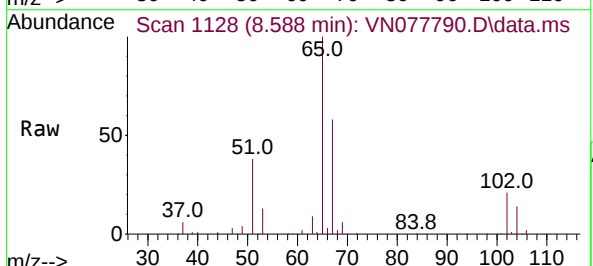
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

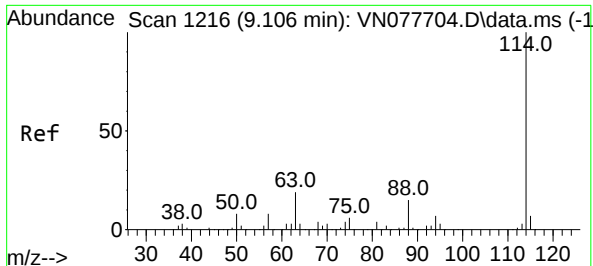
Tgt Ion:168 Resp: 388200
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.367 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Tgt Ion: 65 Resp: 251896
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077790.D

Acq: 22 May 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01S-20230518

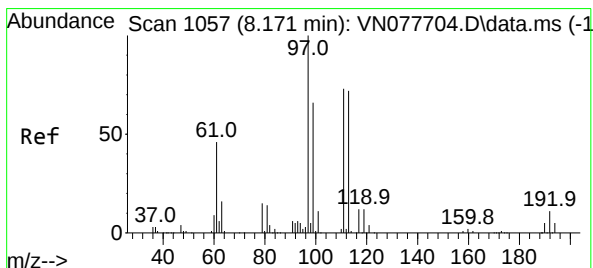
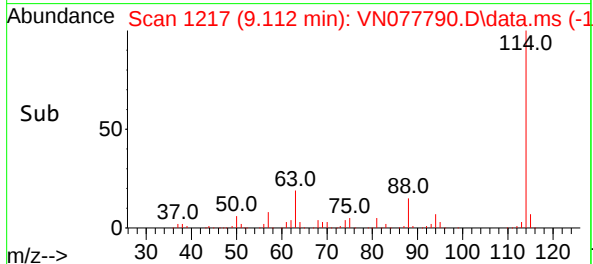
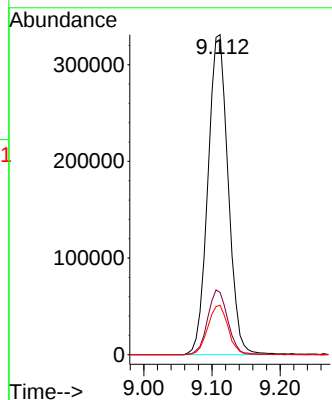
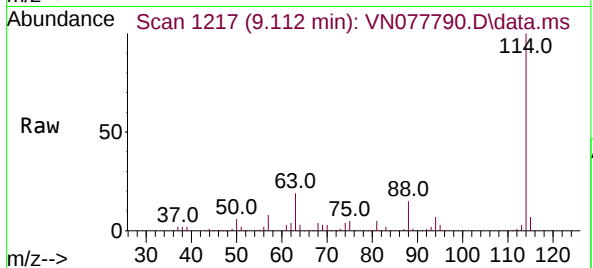
Tgt Ion:114 Resp: 683459

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.356 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077790.D

Acq: 22 May 2023 15:29

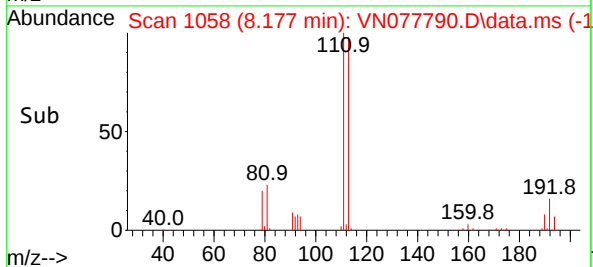
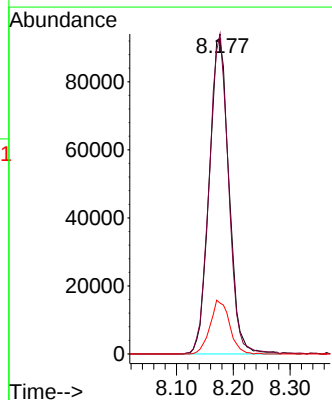
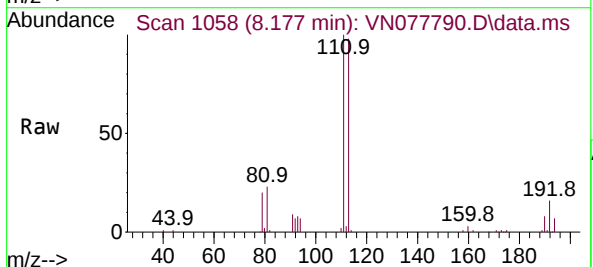
Tgt Ion:113 Resp: 224423

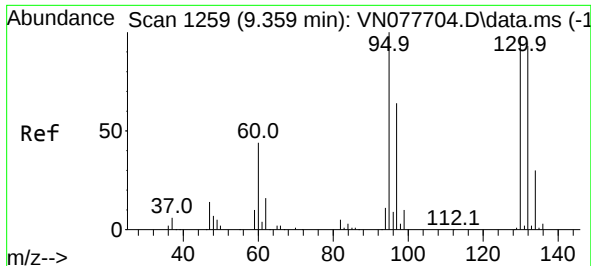
Ion Ratio Lower Upper

113 100

111 99.2 82.6 123.8

192 16.7 12.7 19.1

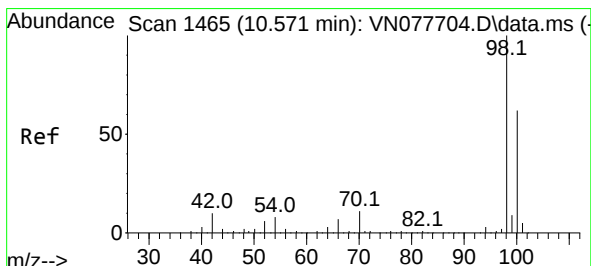
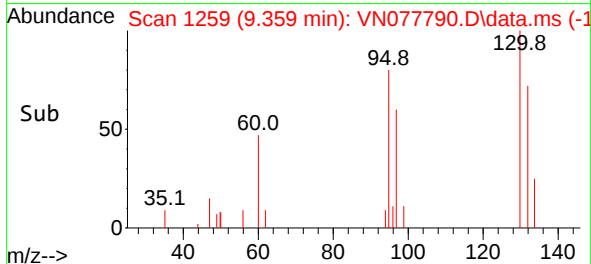
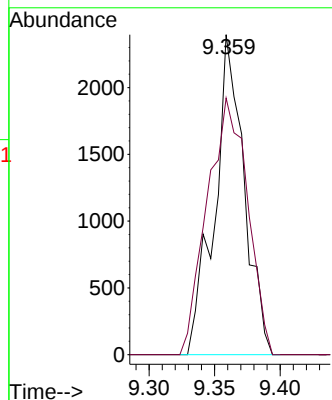
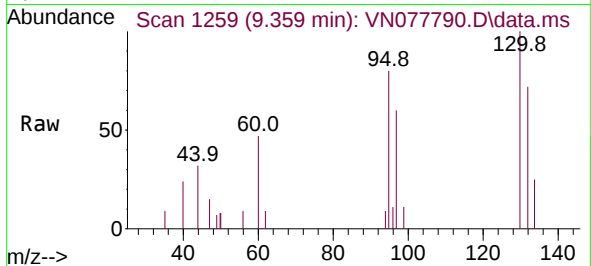




#44
Trichloroethene
Concen: 0.770 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

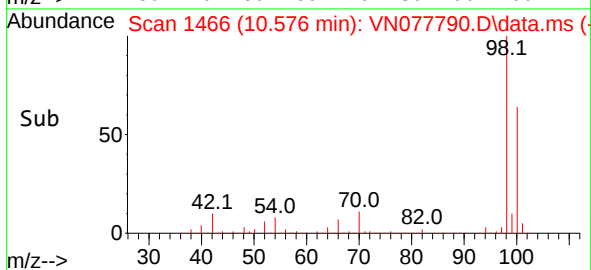
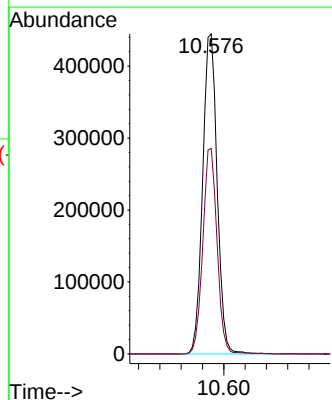
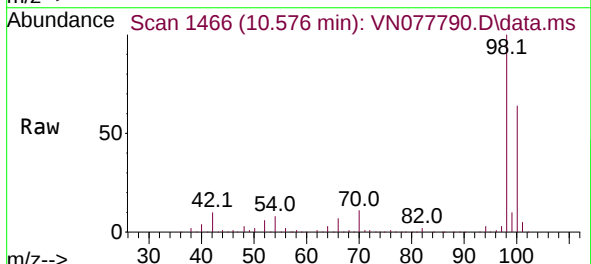
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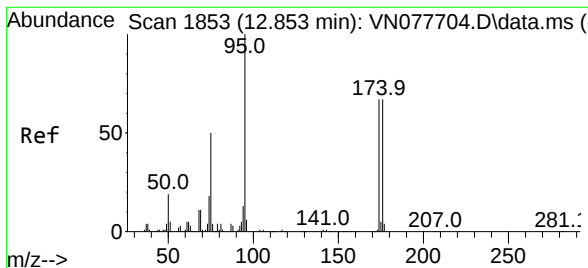
Tgt Ion:130 Resp: 3750
Ion Ratio Lower Upper
130 100
95 80.2 0.0 204.6



#50
Toluene-d8
Concen: 48.904 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Tgt Ion: 98 Resp: 838917
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

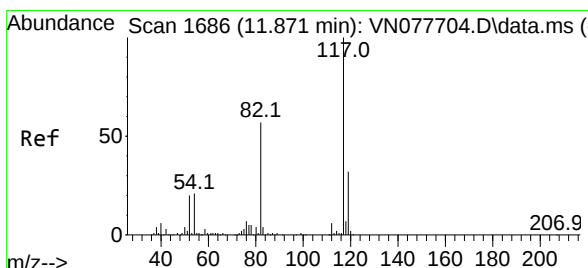
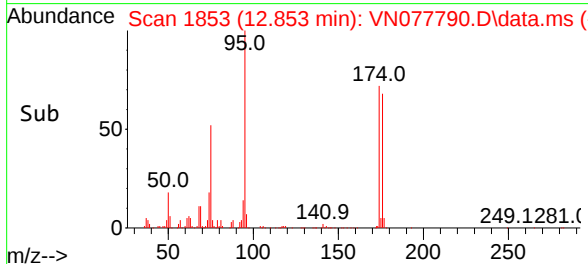
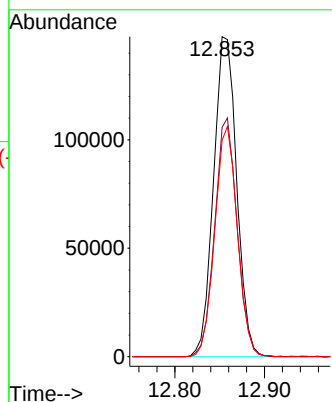
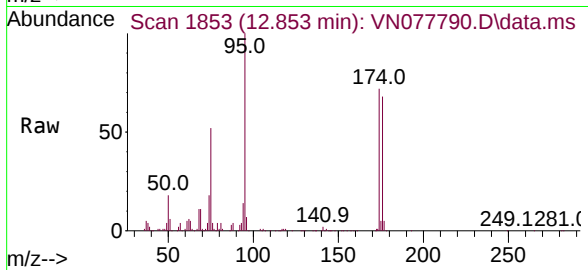




#62
4-Bromofluorobenzene
Concen: 43.617 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

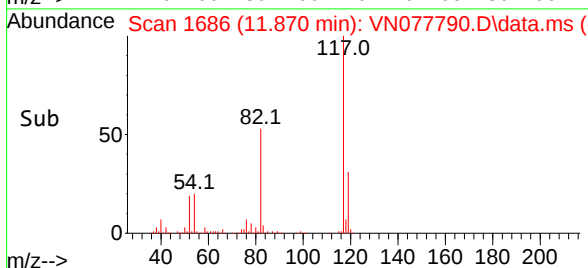
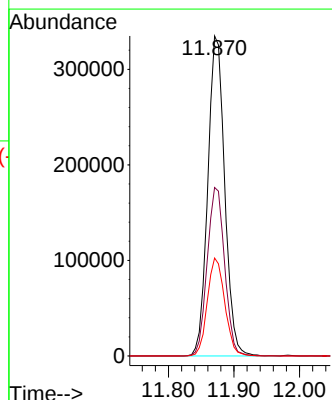
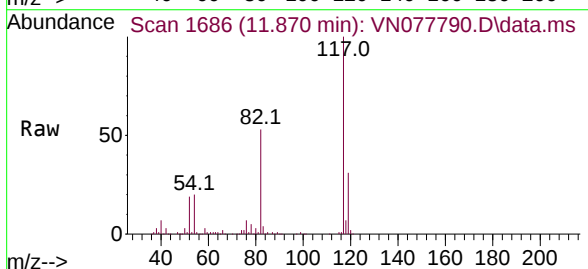
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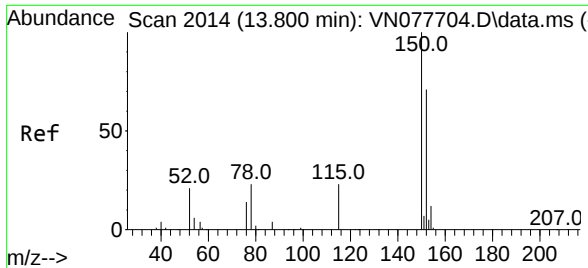
Tgt Ion: 95 Resp: 264255
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

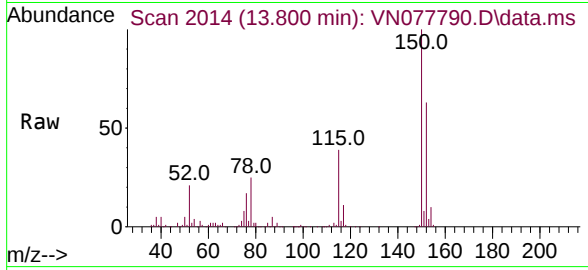
Tgt Ion: 117 Resp: 601693
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 30.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077790.D
 Acq: 22 May 2023 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20230518



Tgt Ion:152 Resp: 193146

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.3	96.8
150	159.0	0.0	355.8

