

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077796.D
 Acq On : 22 May 2023 17:53
 Operator : JC\MD
 Sample : 02880-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20230519

Quant Time: May 23 04:20:58 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)

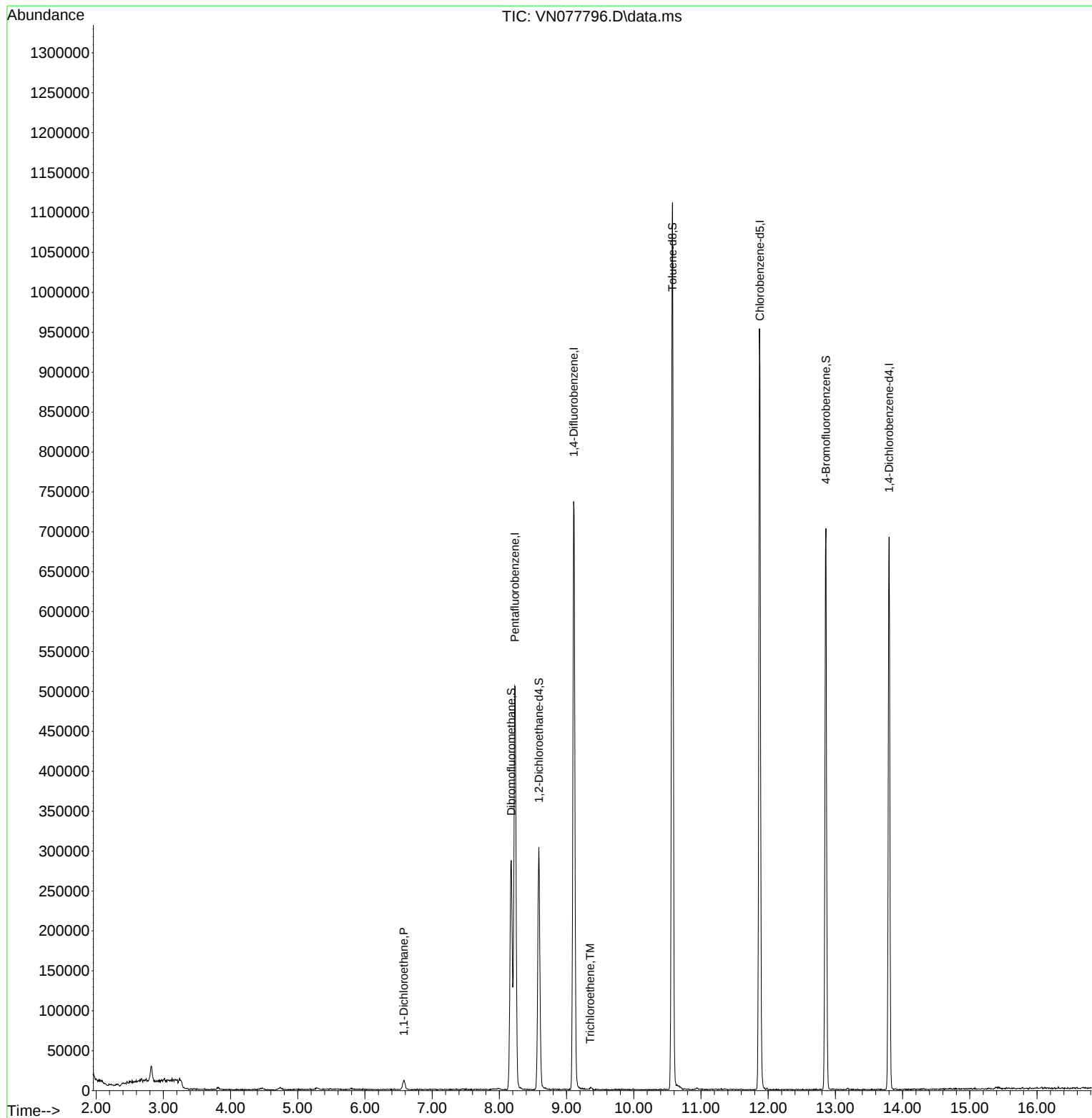
Internal Standards						
1) Pentafluorobenzene	8.230	168	368315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	574917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	243993	44.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	8.177	113	214337	49.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	10.577	98	799638	47.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.859	95	252733	42.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.800%
Target Compounds						
					Qvalue	
24) 1,1-Dichloroethane	6.577	63	15033	1.840	ug/l	98
44) Trichloroethene	9.353	130	1128	0.238	ug/l	42

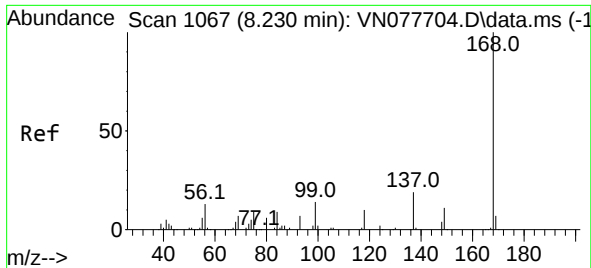
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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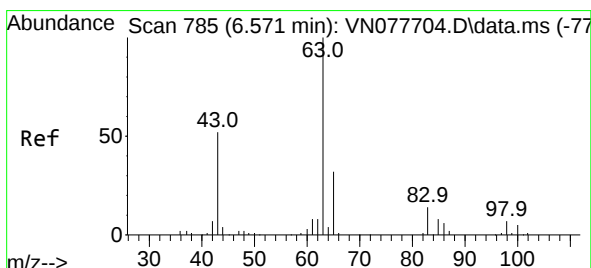
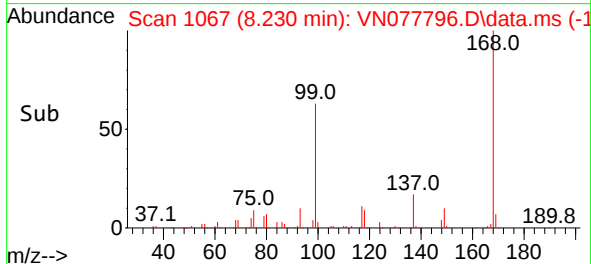
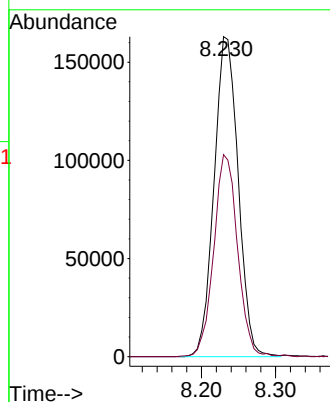
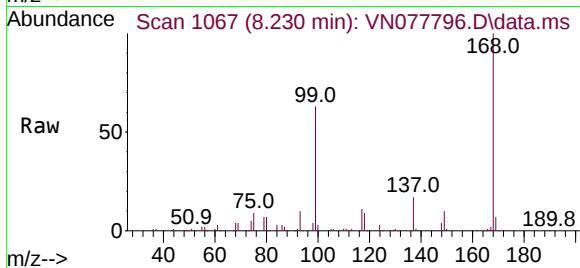




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

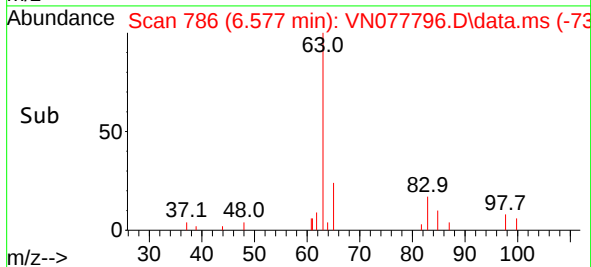
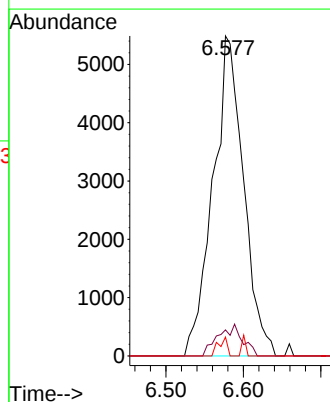
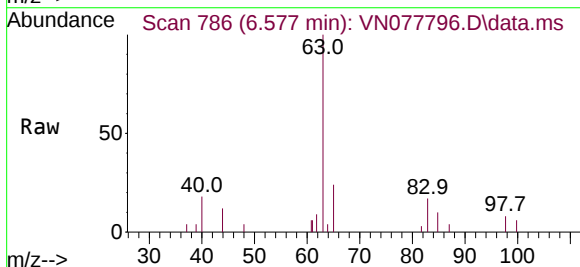
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

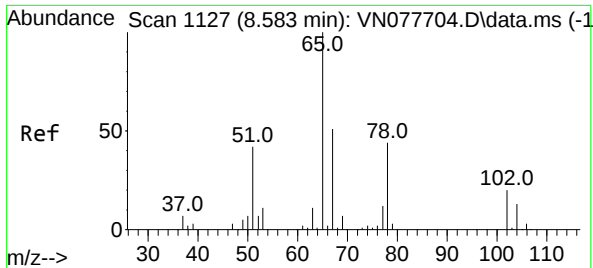
Tgt Ion:168 Resp: 368315
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#24
1,1-Dichloroethane
Concen: 1.840 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 63 Resp: 15033
Ion Ratio Lower Upper
63 100
98 8.2 3.9 11.7
100 5.9 2.5 7.4





#33

1,2-Dichloroethane-d4

Concen: 44.274 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077796.D

Acq: 22 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

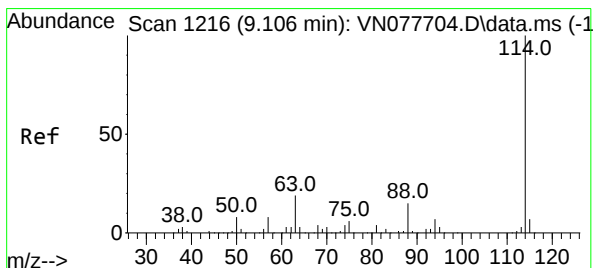
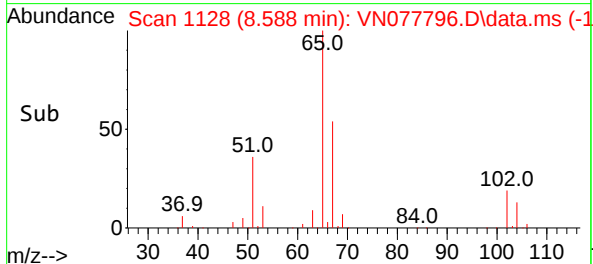
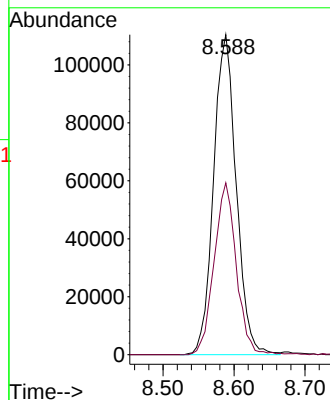
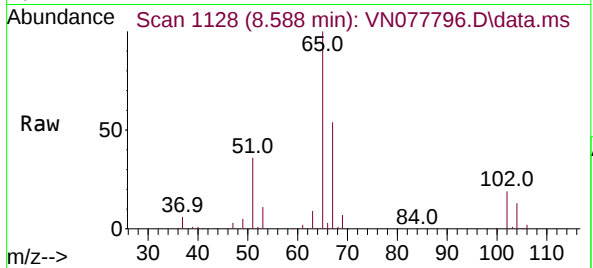
TT158S1-20230519

Tgt Ion: 65 Resp: 243993

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077796.D

Acq: 22 May 2023 17:53

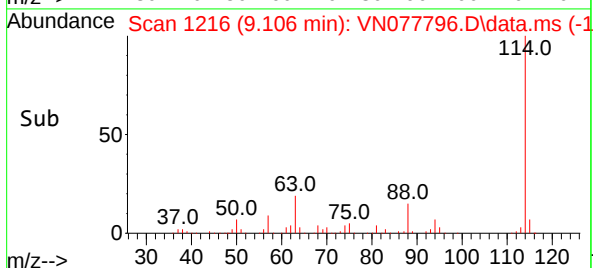
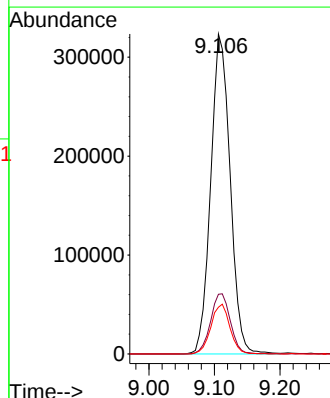
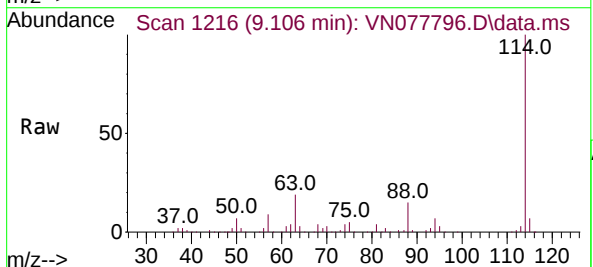
Tgt Ion: 114 Resp: 664514

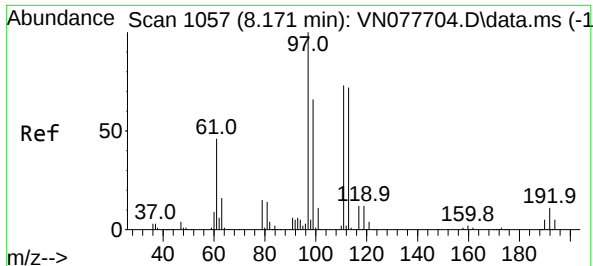
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.464 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077796.D

Acq: 22 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20230519

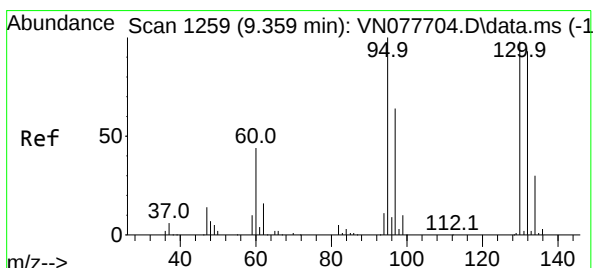
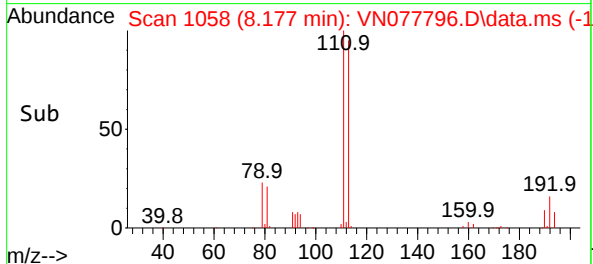
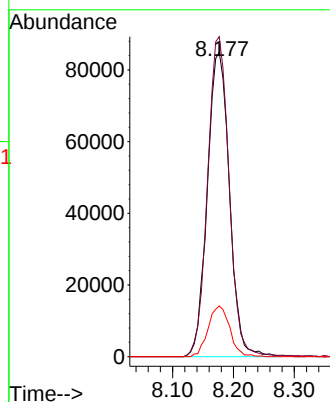
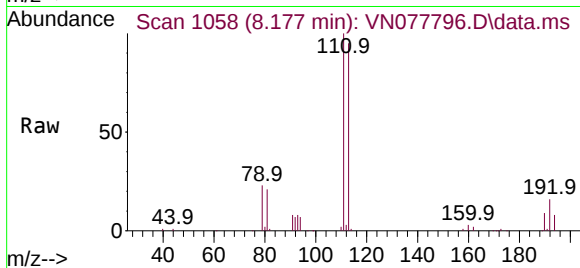
Tgt Ion:113 Resp: 214337

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.3 12.7 19.1



#44

Trichloroethene

Concen: 0.238 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN077796.D

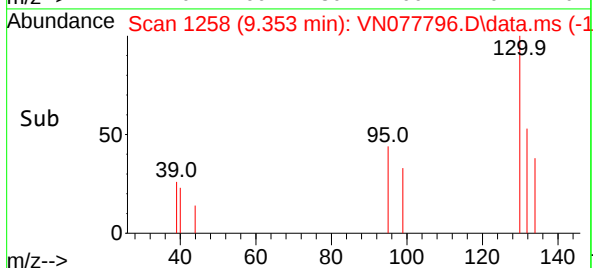
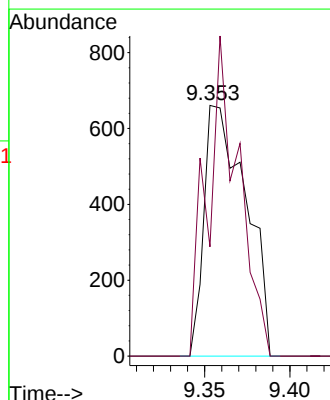
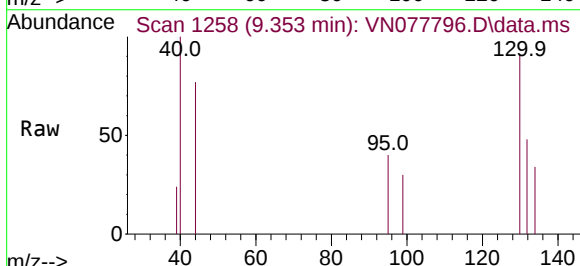
Acq: 22 May 2023 17:53

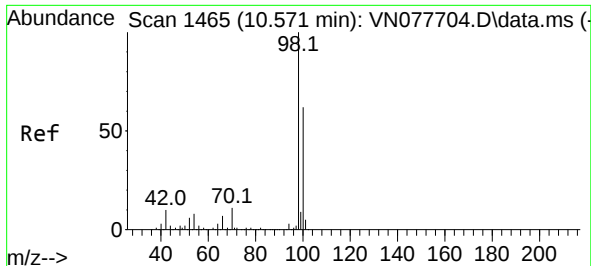
Tgt Ion:130 Resp: 1128

Ion Ratio Lower Upper

130 100

95 43.6 0.0 204.6

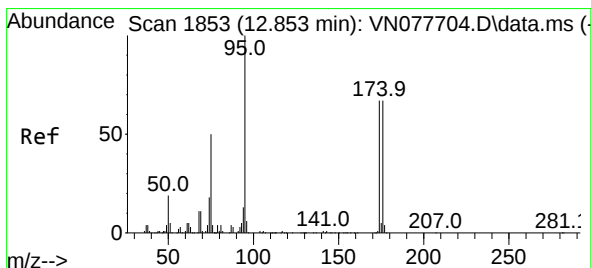
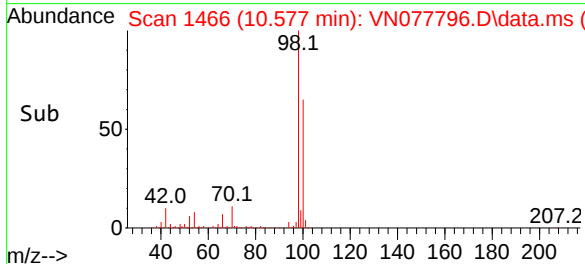
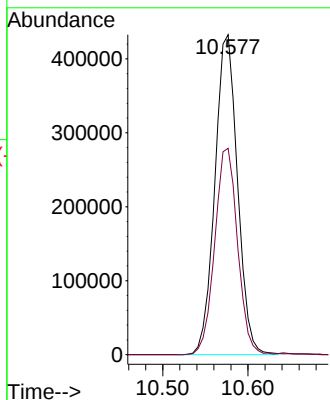
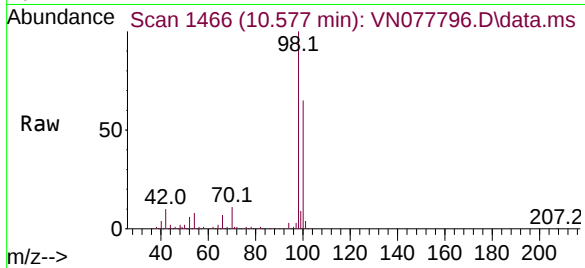




#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

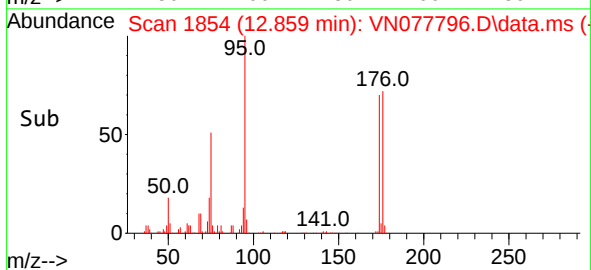
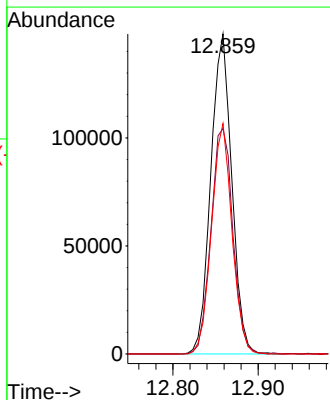
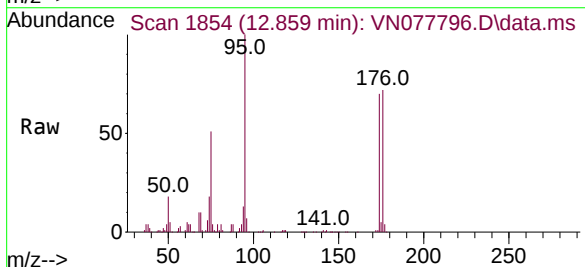
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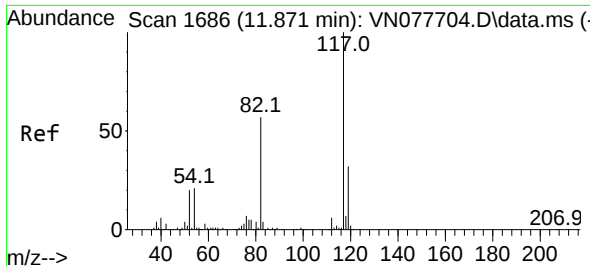
Tgt Ion: 98 Resp: 799638
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 95 Resp: 252733
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.3 0.0 135.8

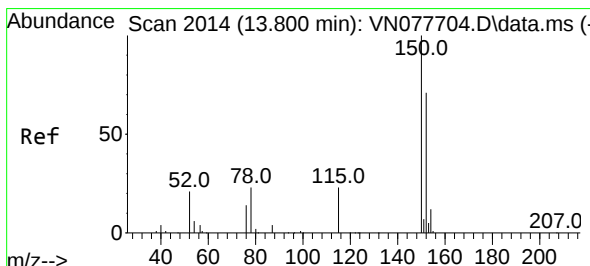
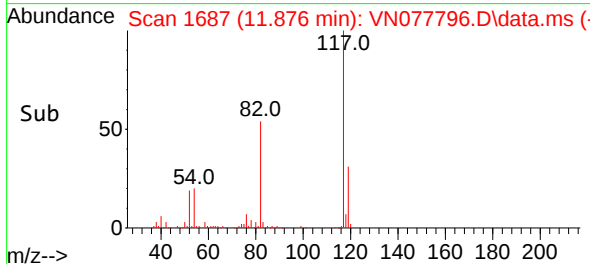
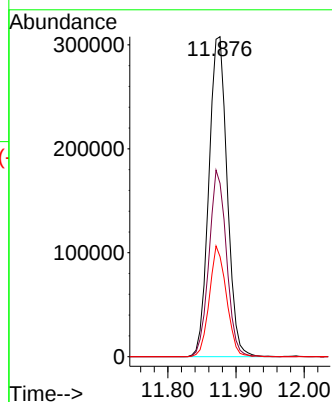
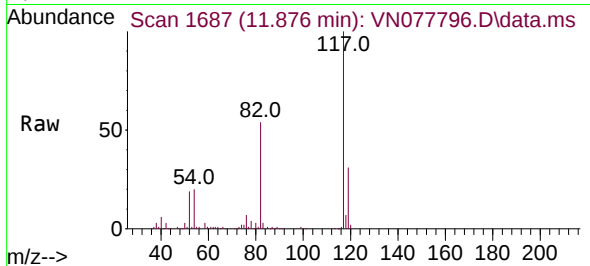




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

Tgt Ion:117 Resp: 574917
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion:152 Resp: 186824
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.4 0.0 355.8

