

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080365.D
 Acq On : 05 Dec 2023 14:47
 Operator : JC\MD
 Sample : 05622-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

Quant Time: Dec 06 00:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

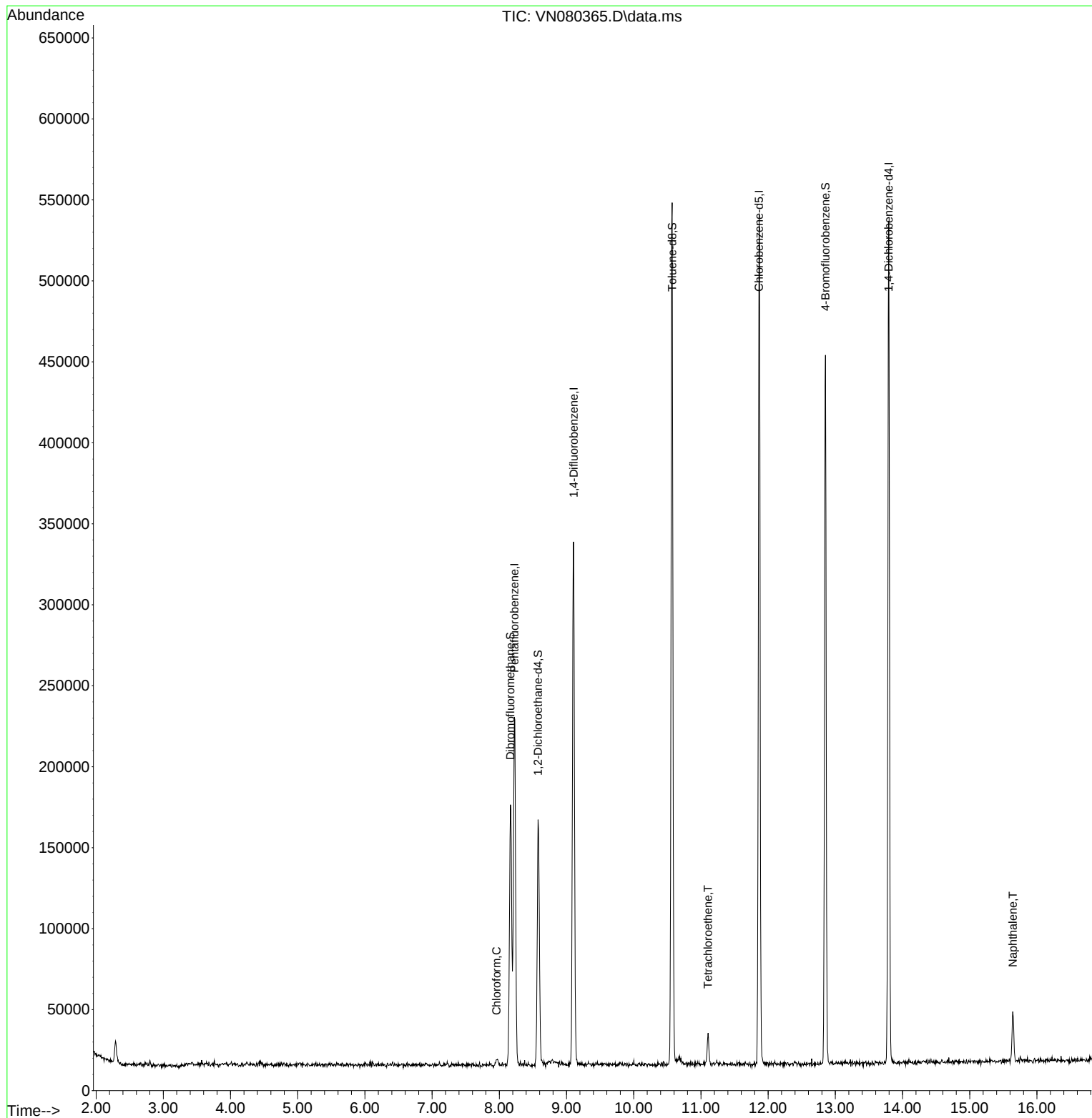
Internal Standards						
1) Pentafluorobenzene	8.224	168	149866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138248	55.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.740%	
35) Dibromofluoromethane	8.165	113	110742	53.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	10.571	98	377521	50.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.853	95	149467	52.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.260%	
Target Compounds						
						Qvalue
30) Chloroform	7.959	83	4078	1.136	ug/l	97
64) Tetrachloroethene	11.106	164	4334	1.883	ug/l #	89
95) Naphthalene	15.641	128	29194	3.695	ug/l	99

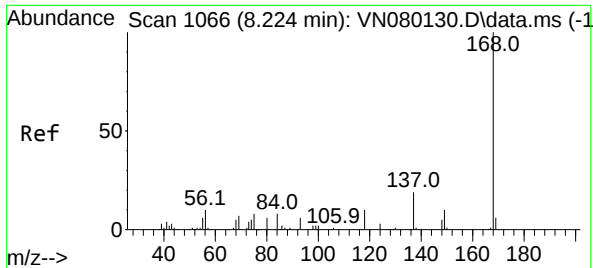
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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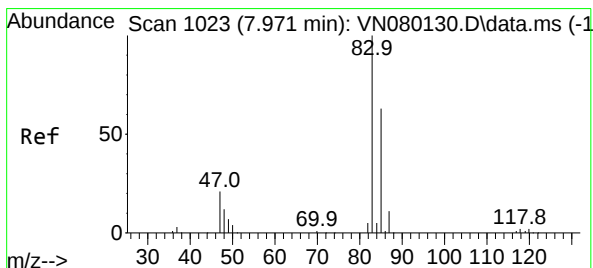
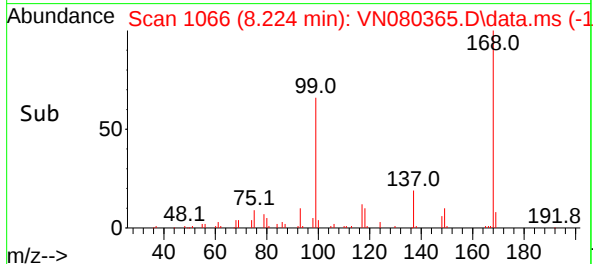
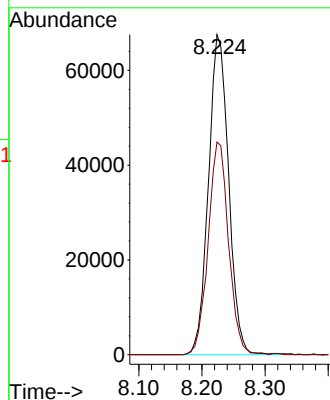
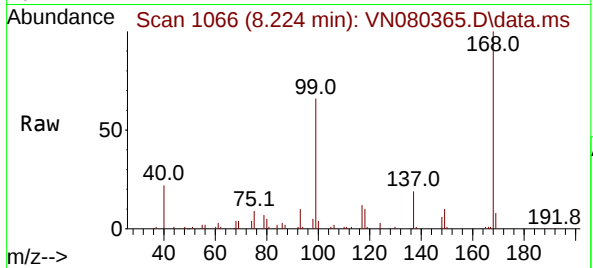




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080365.D
Acq: 05 Dec 2023 14:47

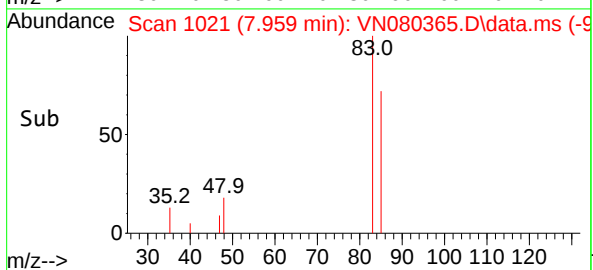
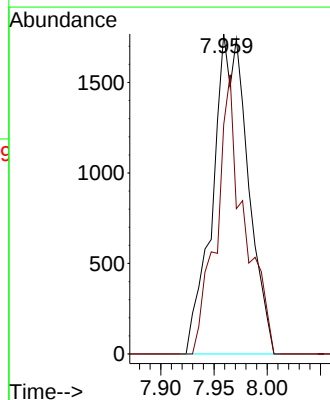
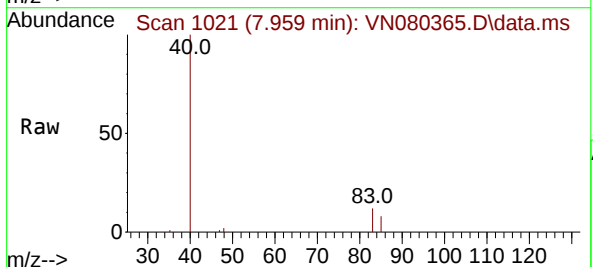
Instrument :
MSVOA_N
ClientSampleId :
MW-10D

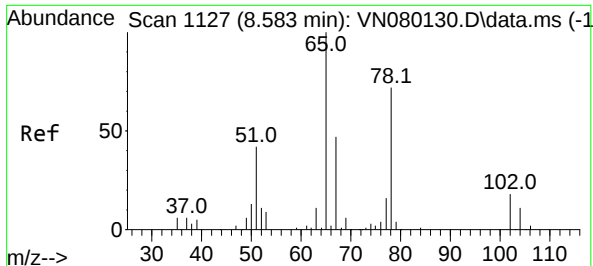
Tgt Ion:168 Resp: 149866
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#30
Chloroform
Concen: 1.136 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.012 min
Lab File: VN080365.D
Acq: 05 Dec 2023 14:47

Tgt Ion: 83 Resp: 4078
Ion Ratio Lower Upper
83 100
85 71.7 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 55.869 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080365.D

Acq: 05 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

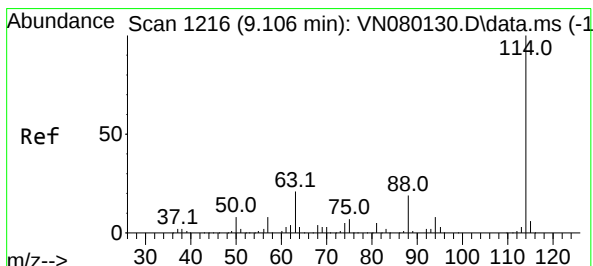
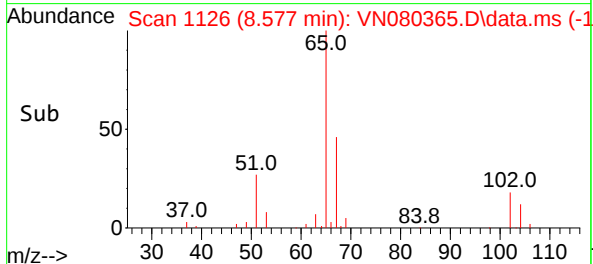
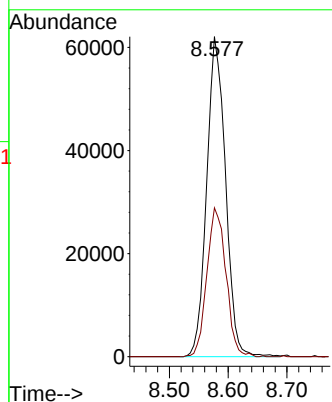
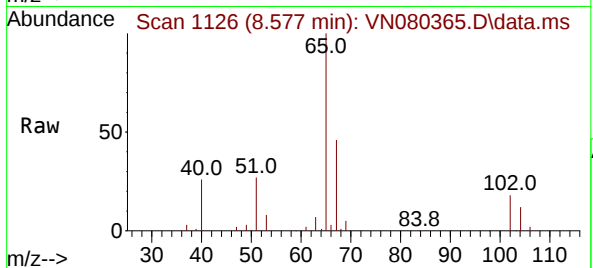
MW-10D

Tgt Ion: 65 Resp: 138248

Ion Ratio Lower Upper

65 100

67 47.2 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: VN080365.D

Acq: 05 Dec 2023 14:47

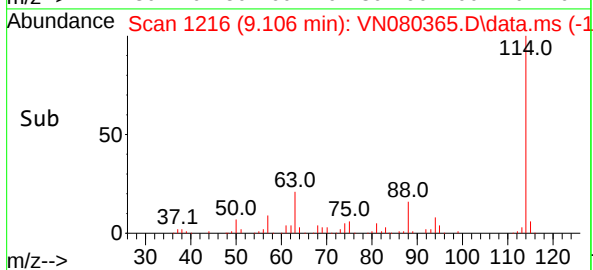
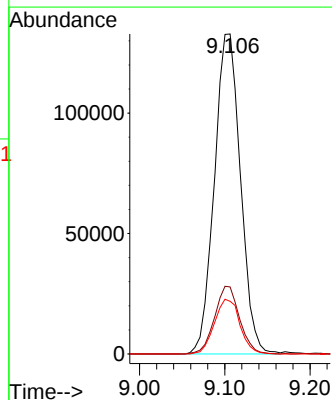
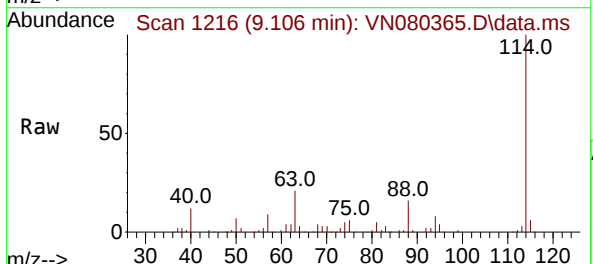
Tgt Ion: 114 Resp: 282671

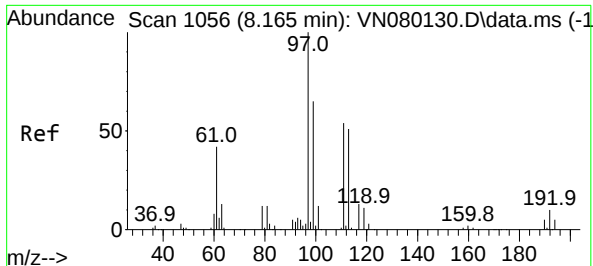
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.095 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN080365.D

Acq: 05 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

MW-10D

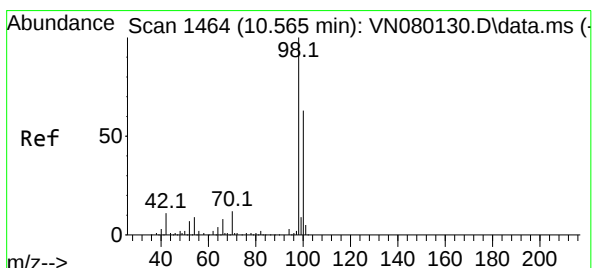
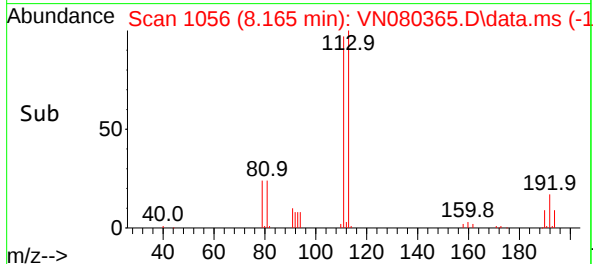
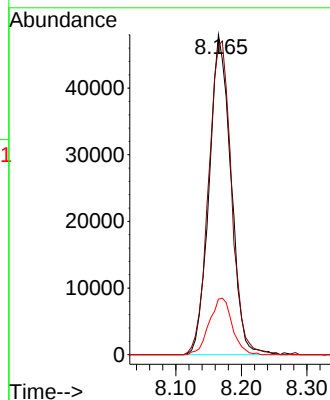
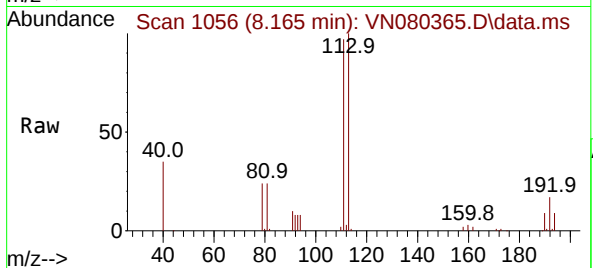
Tgt Ion:113 Resp: 110742

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.6 12.7 19.1



#50

Toluene-d8

Concen: 50.211 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080365.D

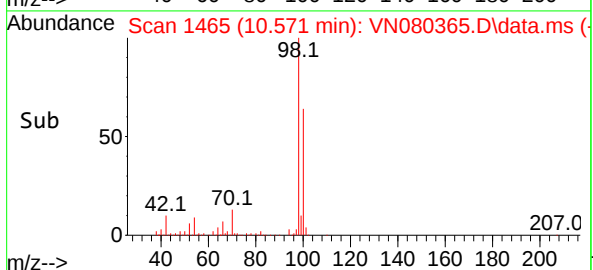
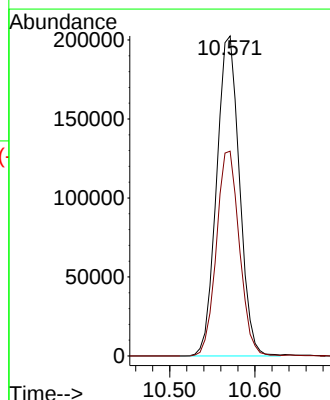
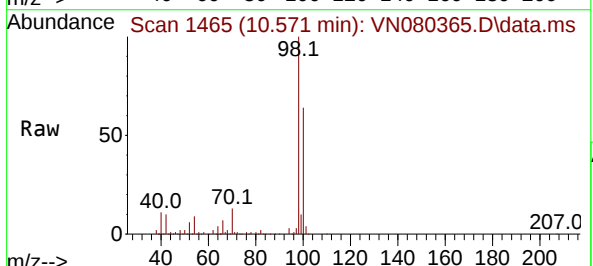
Acq: 05 Dec 2023 14:47

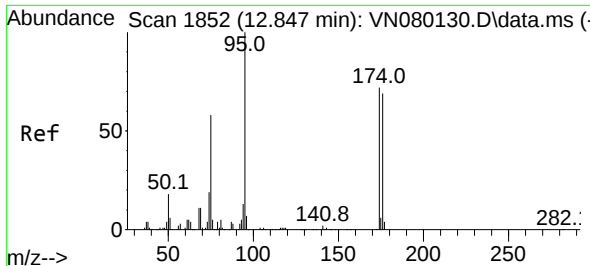
Tgt Ion: 98 Resp: 377521

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

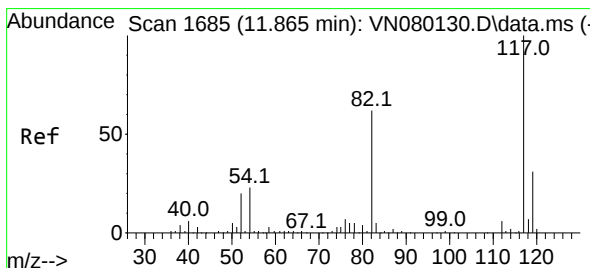
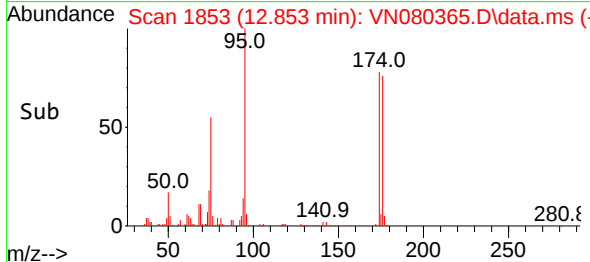
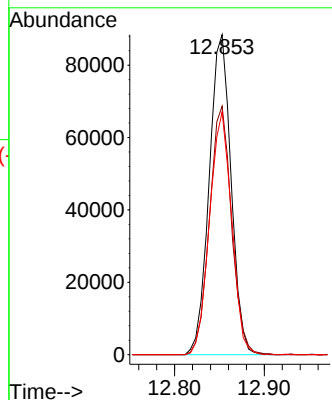
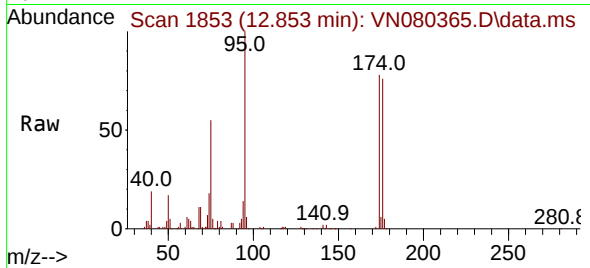




#62
4-Bromofluorobenzene
Concen: 52.631 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080365.D
Acq: 05 Dec 2023 14:47

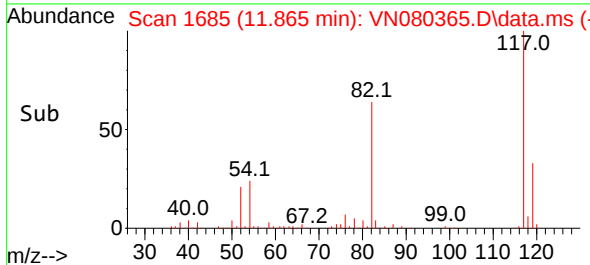
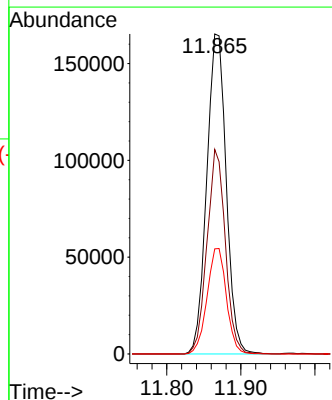
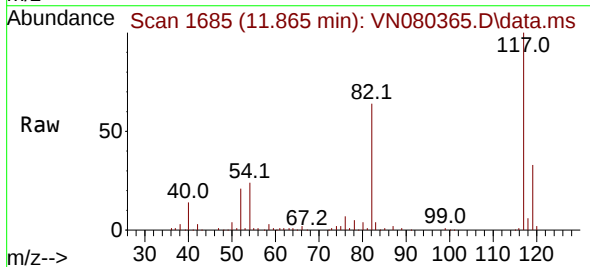
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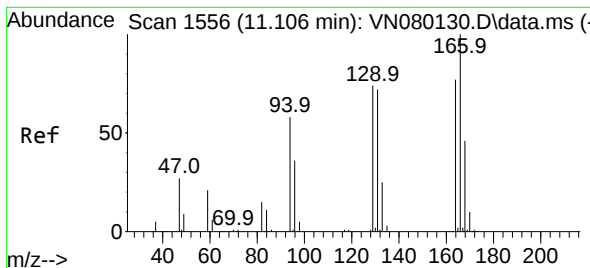
Tgt Ion: 95 Resp: 149467
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 76.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080365.D
Acq: 05 Dec 2023 14:47

Tgt Ion: 117 Resp: 301596
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 32.9 25.6 38.4





#64

Tetrachloroethene

Concen: 1.883 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080365.D

Acq: 05 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

MW-10D

Tgt Ion:164 Resp: 4334

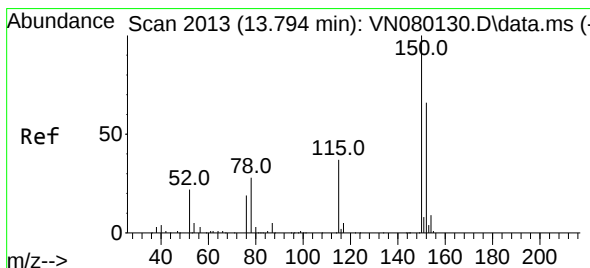
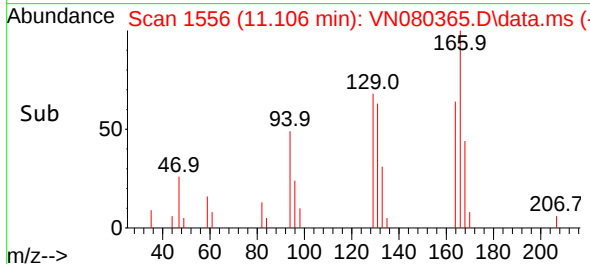
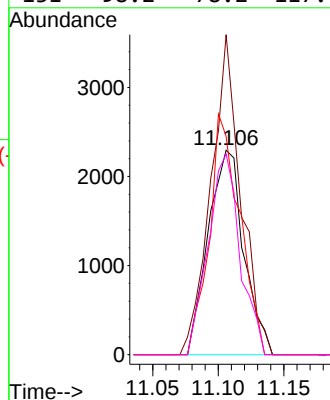
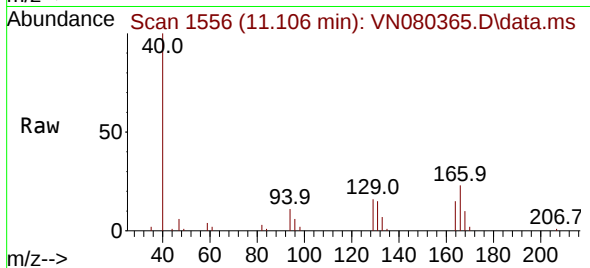
Ion Ratio Lower Upper

164 100

166 156.5 101.4 152.0#

129 106.8 82.4 123.6

131 98.2 78.2 117.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080365.D

Acq: 05 Dec 2023 14:47

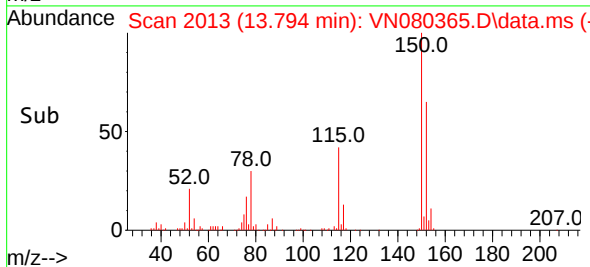
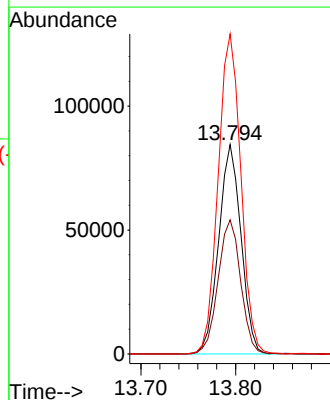
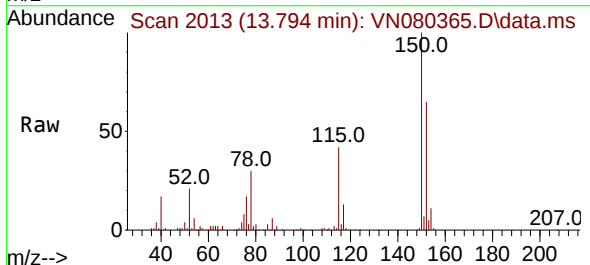
Tgt Ion:152 Resp: 138683

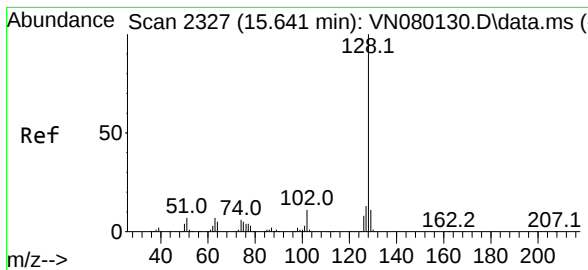
Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 155.0 0.0 355.8





#95
Naphthalene
Concen: 3.695 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080365.D
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Instrument :
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Tgt Ion:	128	Resp:	29194
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	11.6	8.7	13.1

