

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076330.D
 Acq On : 19 Jan 2023 18:07
 Operator : JC\MD
 Sample : 01224-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-F

Quant Time: Jan 20 01:00:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

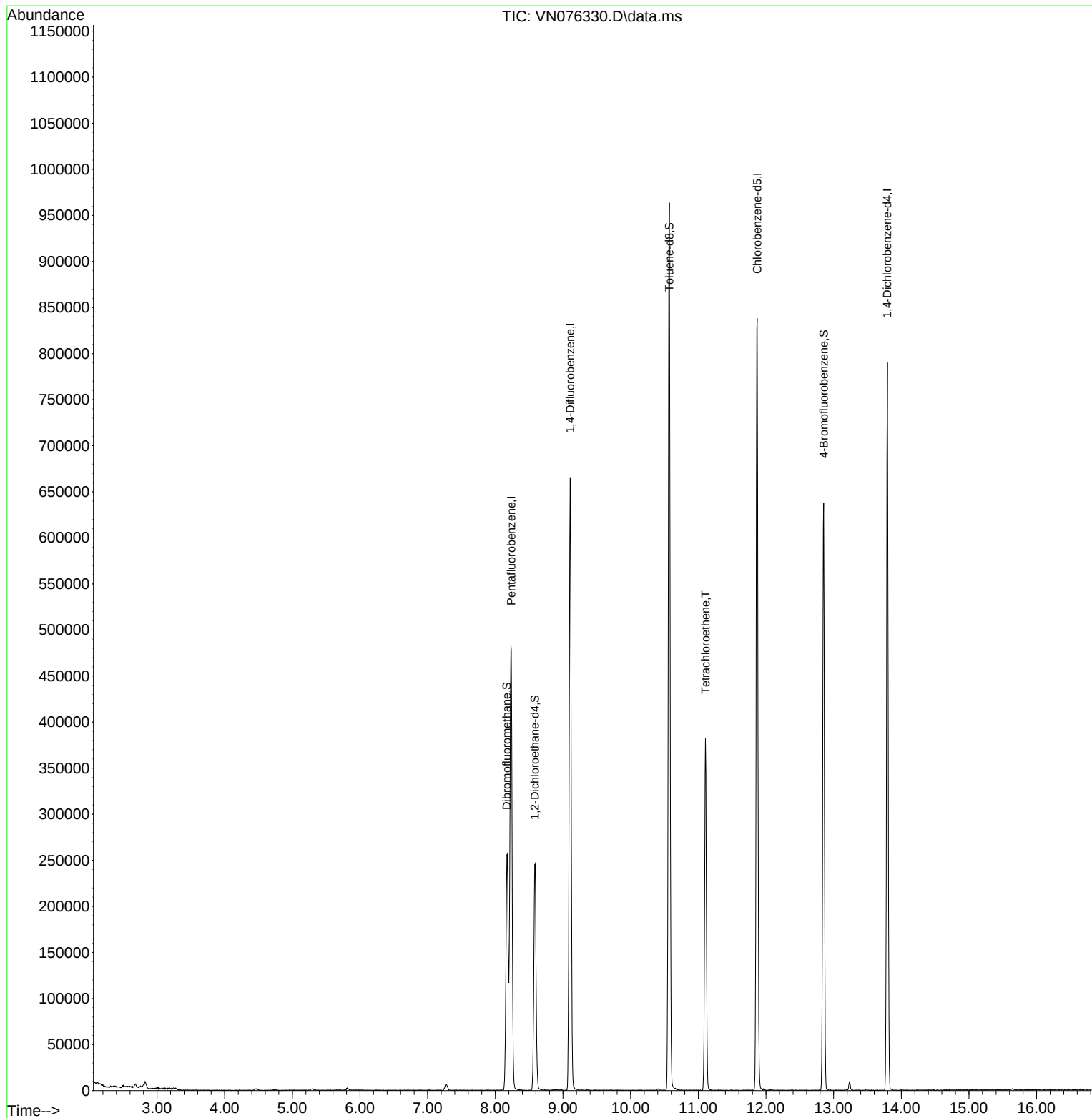
Internal Standards						
1) Pentafluorobenzene	8.236	168	382521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	523861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203812	47.586	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.180%
35) Dibromofluoromethane	8.171	113	182050	48.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.571	98	689520	49.437	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.853	95	213598	46.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	11.106	164	90535	19.164	ug/l	94

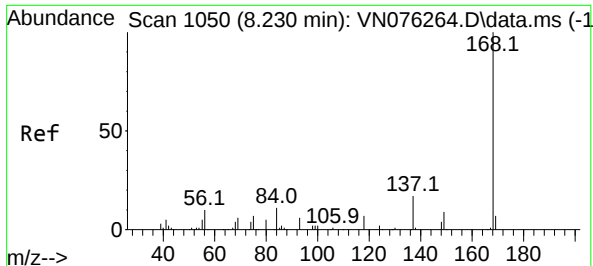
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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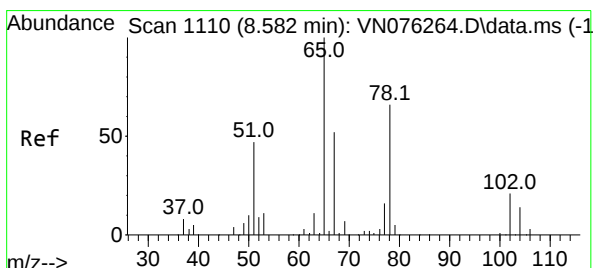
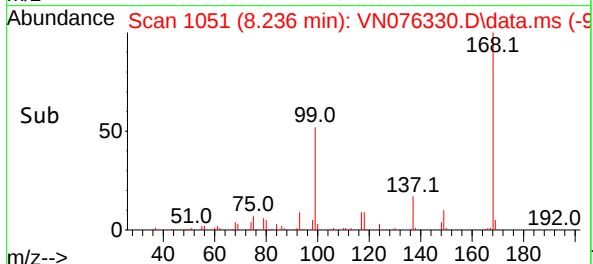
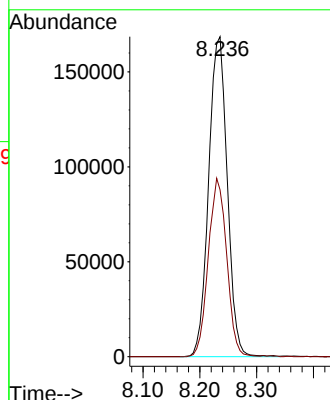
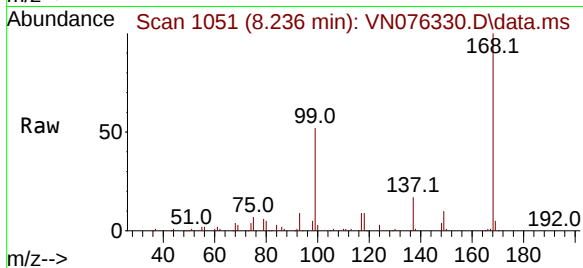




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076330.D
Acq: 19 Jan 2023 18:07

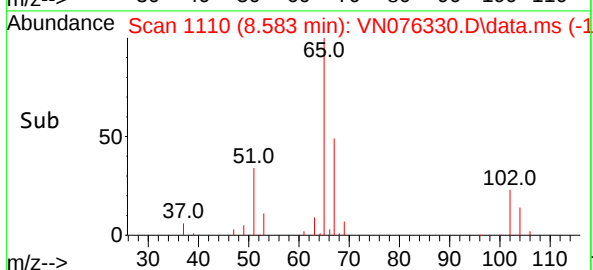
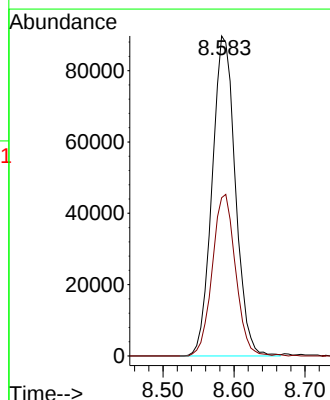
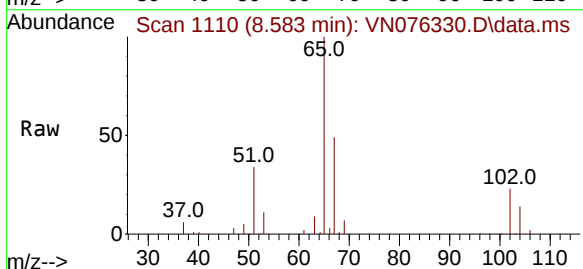
Instrument :
MSVOA_N
ClientSampleId :
MH-F

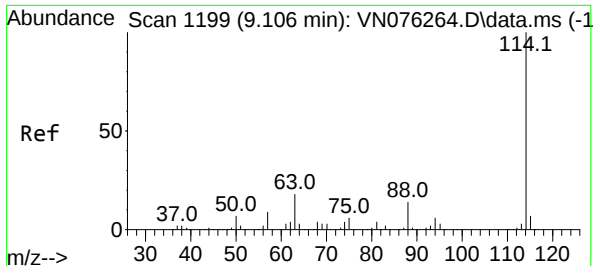
Tgt Ion:168 Resp: 382521
Ion Ratio Lower Upper
168 100
99 52.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.586 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076330.D
Acq: 19 Jan 2023 18:07

Tgt Ion: 65 Resp: 203812
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076330.D

Acq: 19 Jan 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

MH-F

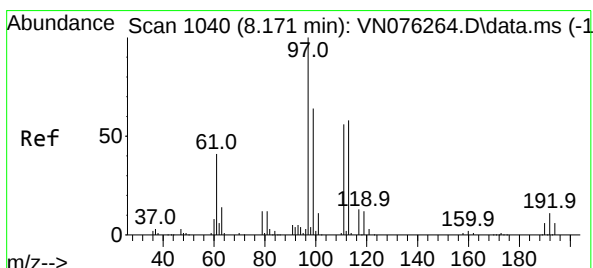
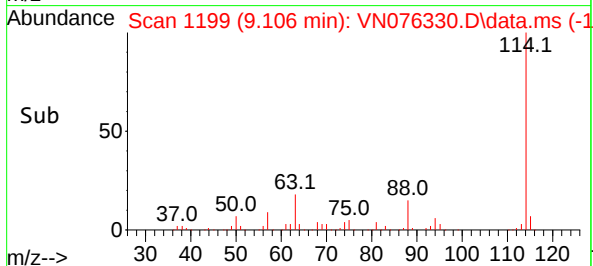
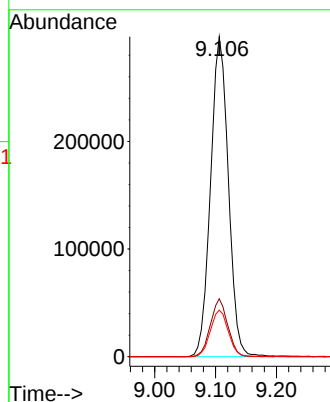
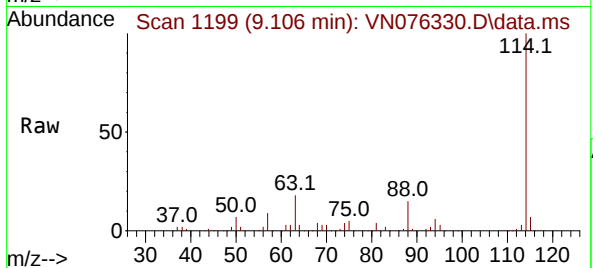
Tgt Ion:114 Resp: 603735

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 14.5 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076330.D

Acq: 19 Jan 2023 18:07

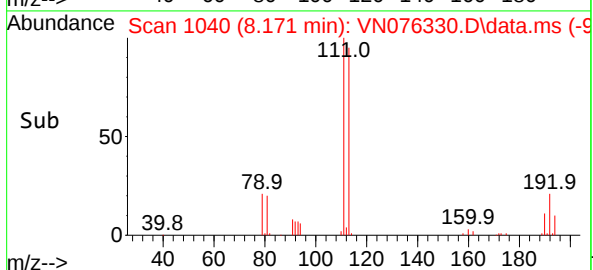
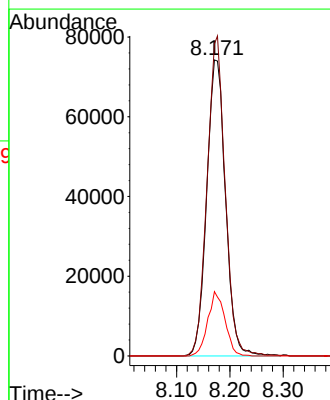
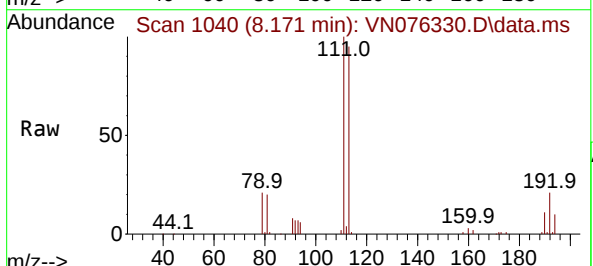
Tgt Ion:113 Resp: 182050

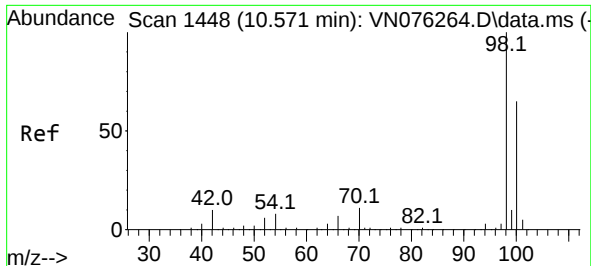
Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

192 19.9 15.6 23.4

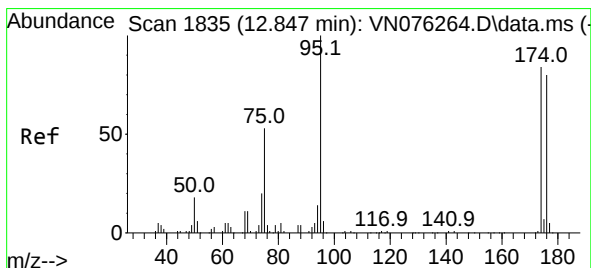
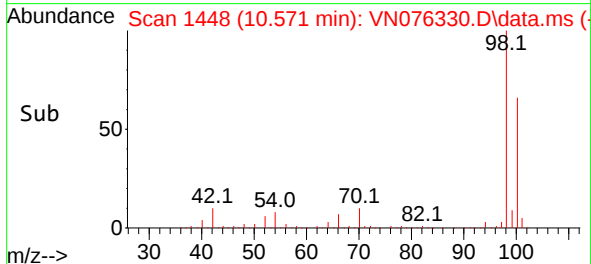
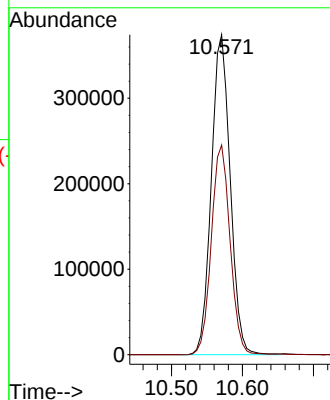
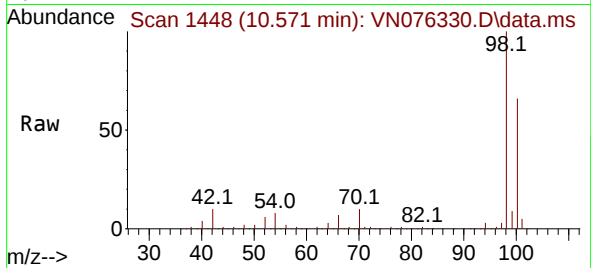




#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076330.D
Acq: 19 Jan 2023 18:07

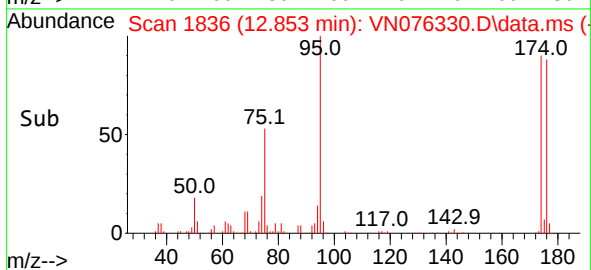
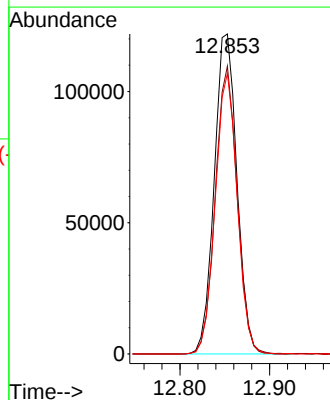
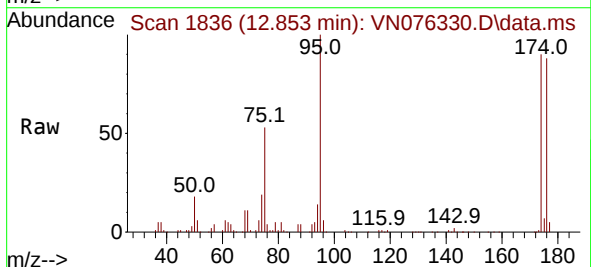
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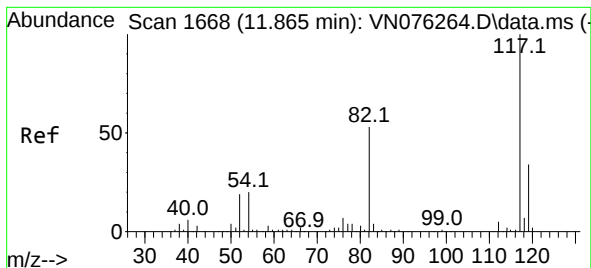
Tgt Ion: 98 Resp: 689520
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.912 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076330.D
Acq: 19 Jan 2023 18:07

Tgt Ion: 95 Resp: 213598
Ion Ratio Lower Upper
95 100
174 87.1 0.0 174.6
176 84.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076330.D

Acq: 19 Jan 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

MH-F

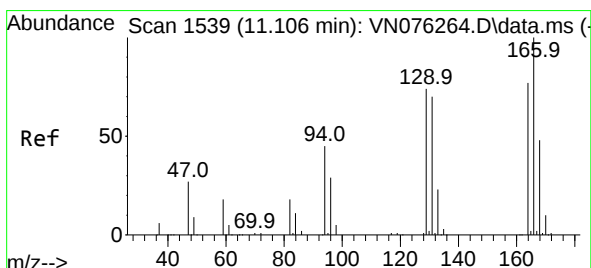
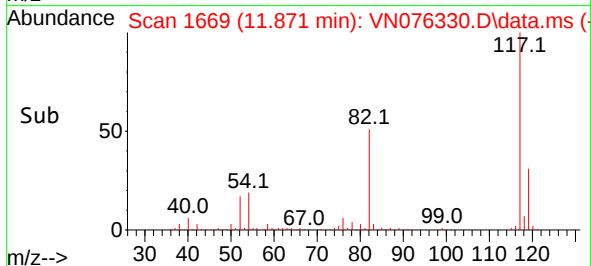
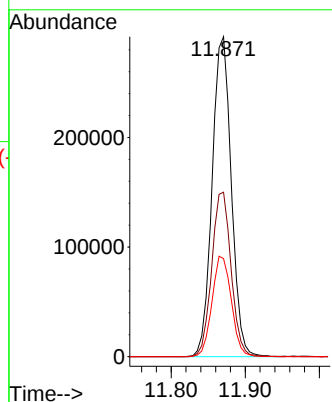
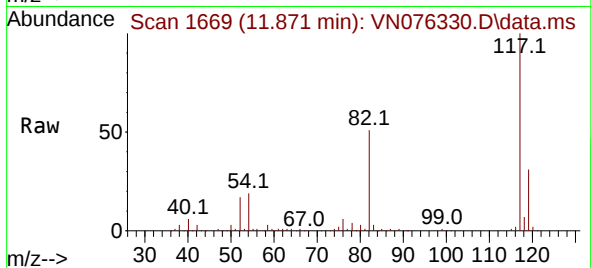
Tgt Ion:117 Resp: 523861

Ion Ratio Lower Upper

117 100

82 51.4 42.2 63.2

119 30.7 26.9 40.3



#64

Tetrachloroethene

Concen: 19.164 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076330.D

Acq: 19 Jan 2023 18:07

Tgt Ion:164 Resp: 90535

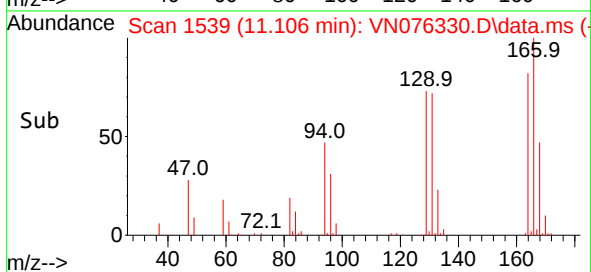
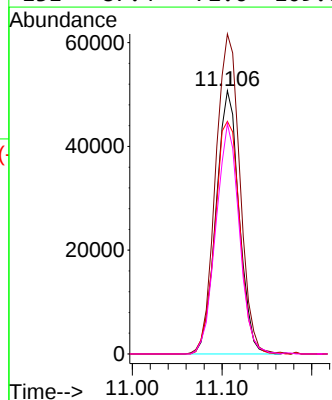
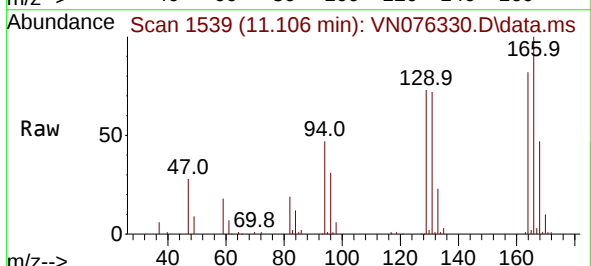
Ion Ratio Lower Upper

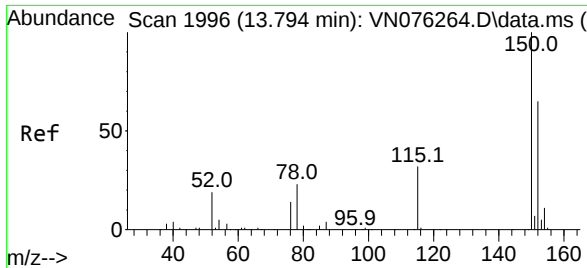
164 100

166 121.6 104.0 156.0

129 88.4 76.6 114.8

131 87.4 72.6 109.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076330.D
 Acq: 19 Jan 2023 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-F

Tgt Ion:152 Resp: 217050
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.6 88.9
 150 154.8 0.0 351.4

