

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012700.D
 Acq On : 23 Feb 2023 11:57
 Operator : KP/MD
 Sample : 01666-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

Quant Time: Feb 23 23:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77023	53.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.716	113	72731	49.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.400%	
50) Toluene-d8	10.179	98	265675	47.973	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	12.483	95	91370	51.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.120%	

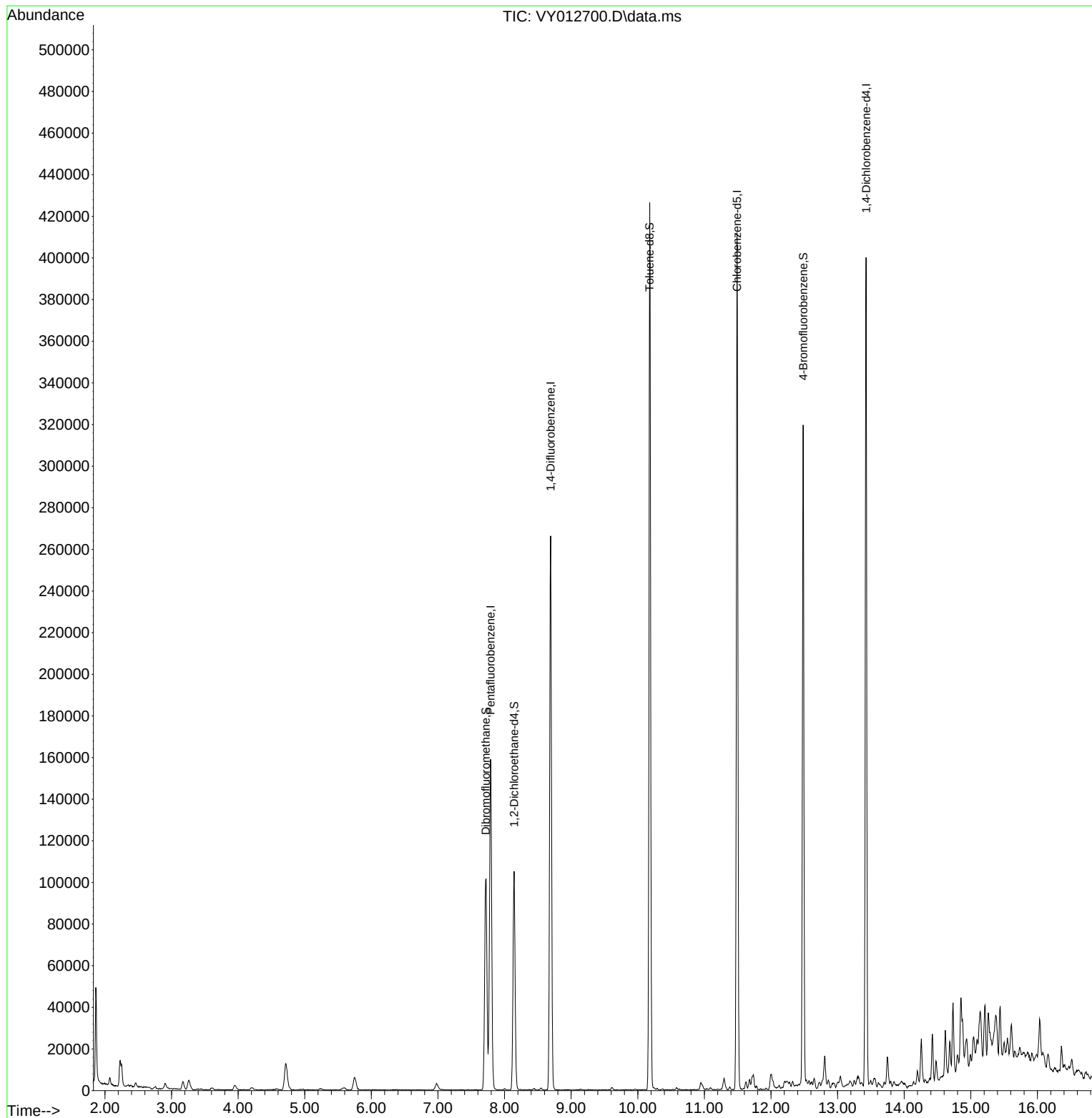
Target Compounds	Qvalue

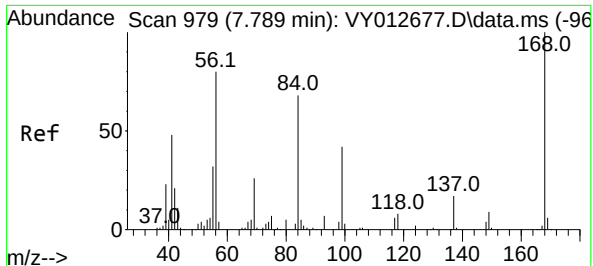
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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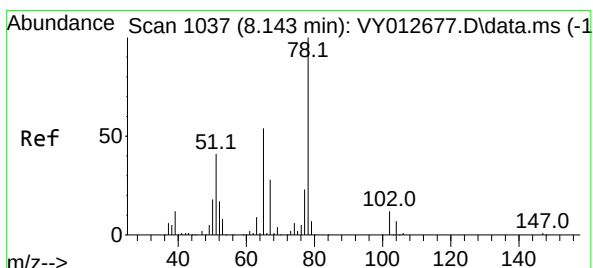
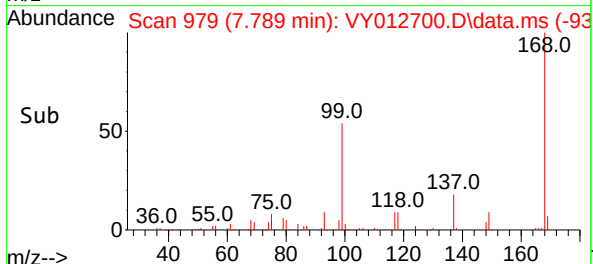
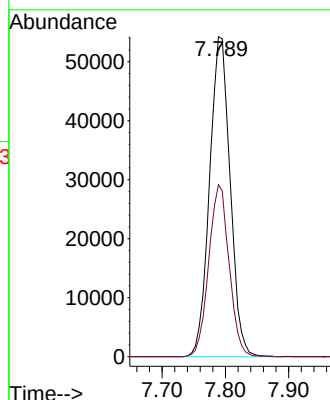
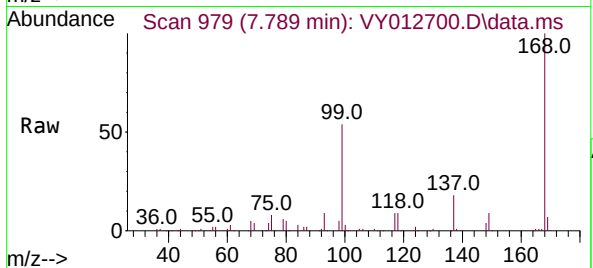




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

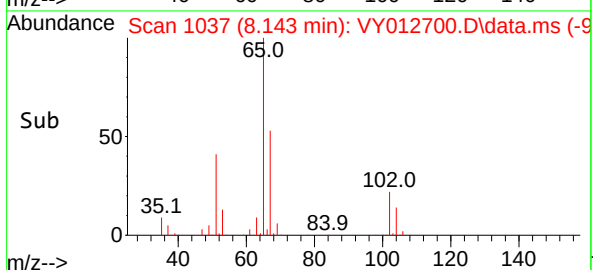
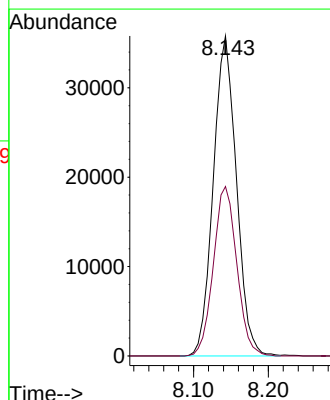
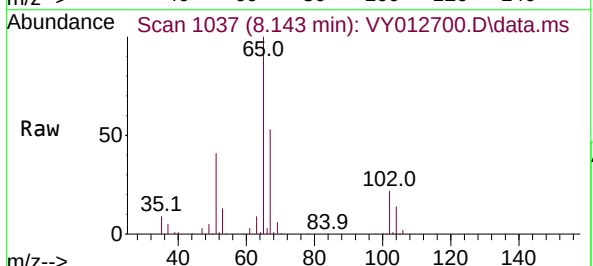
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

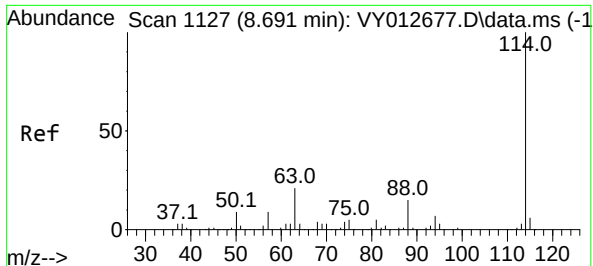
Tgt Ion:168 Resp: 122470
Ion Ratio Lower Upper
168 100
99 53.7 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 65 Resp: 77023
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012700.D

Acq: 23 Feb 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-958-960

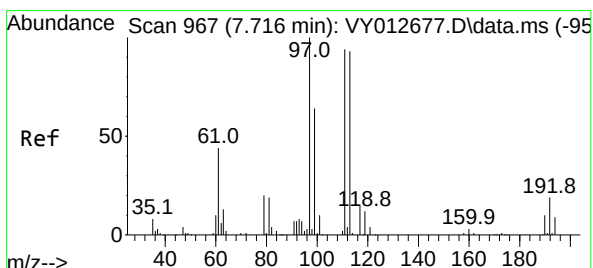
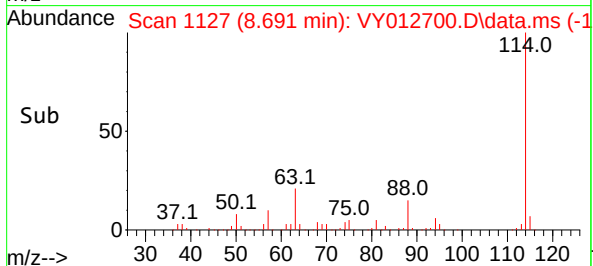
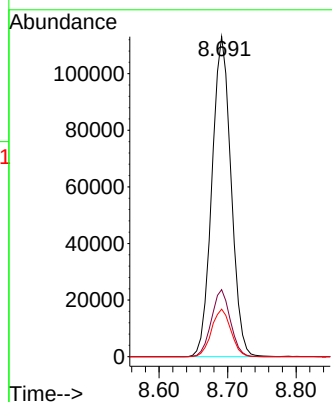
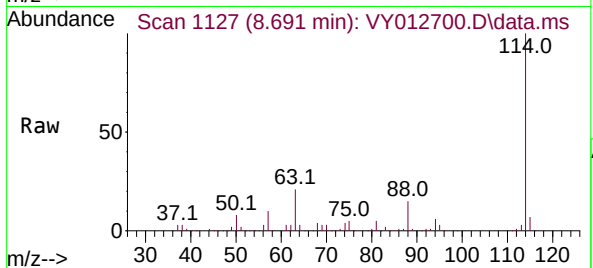
Tgt Ion:114 Resp: 218852

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.202 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012700.D

Acq: 23 Feb 2023 11:57

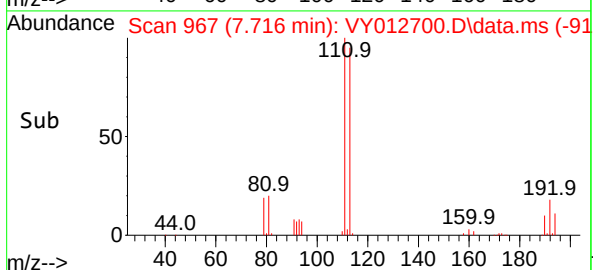
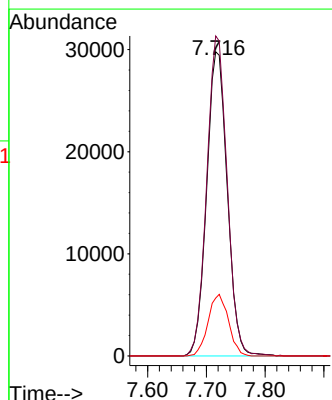
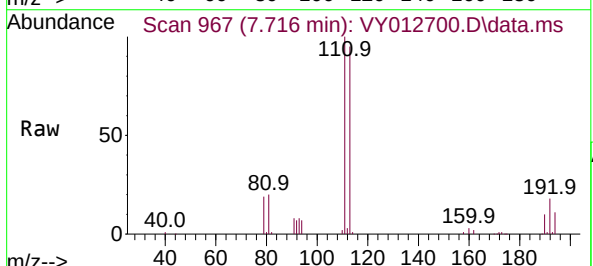
Tgt Ion:113 Resp: 72731

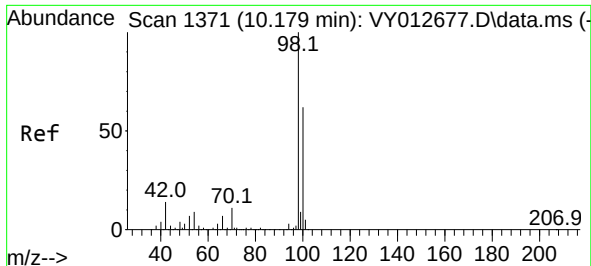
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 20.0 16.2 24.2

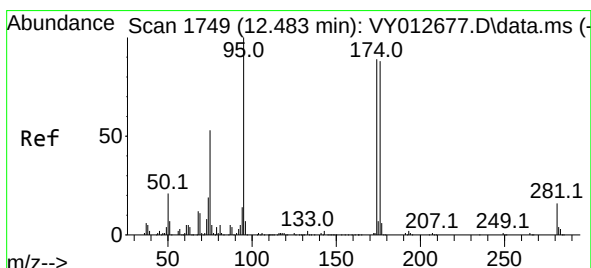
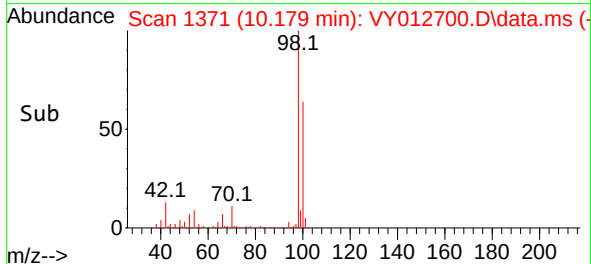
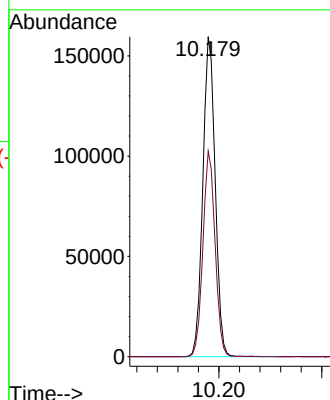
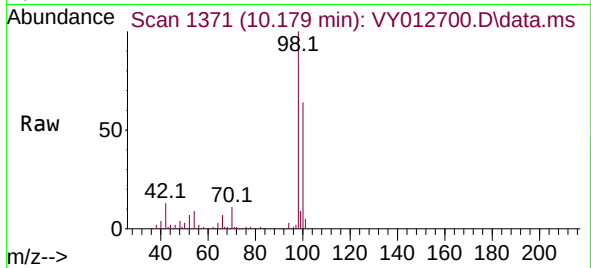




#50
Toluene-d8
Concen: 47.973 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

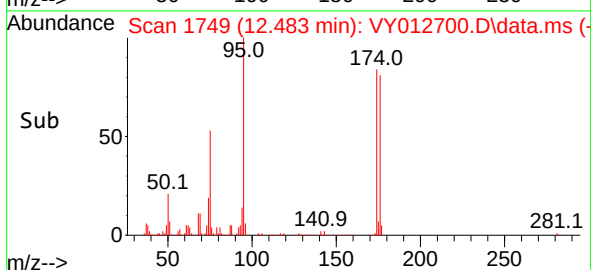
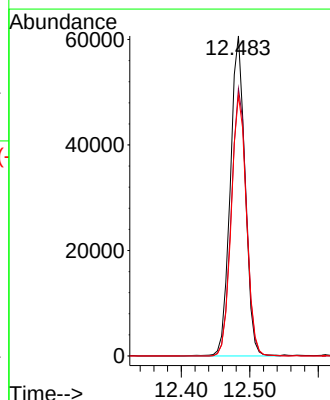
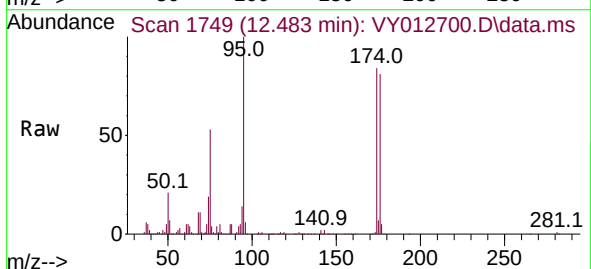
Instrument :
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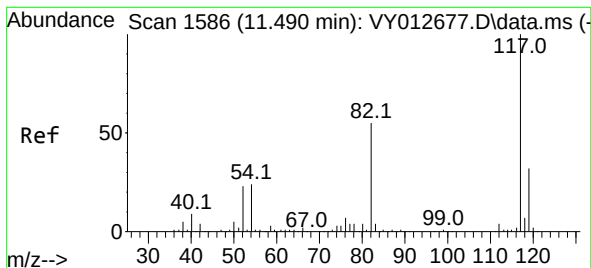
Tgt Ion: 98 Resp: 265675
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 95 Resp: 91370
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.8
176 83.2 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012700.D

Acq: 23 Feb 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-958-960

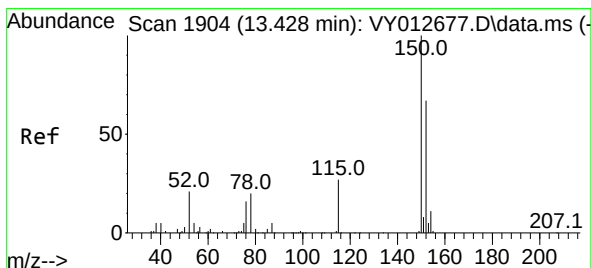
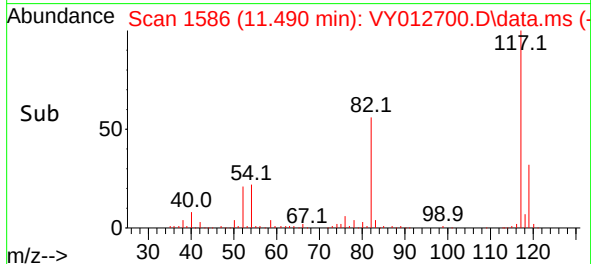
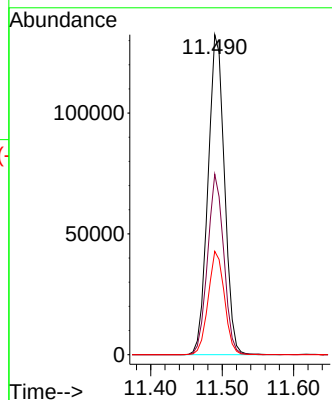
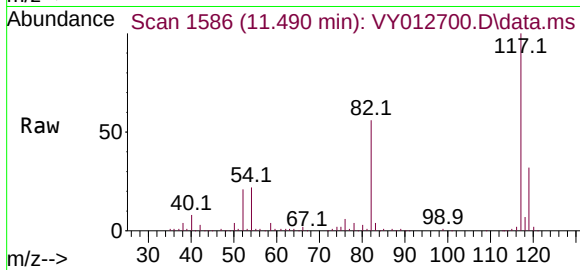
Tgt Ion:117 Resp: 211800

Ion Ratio Lower Upper

117 100

82 56.4 44.1 66.1

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012700.D

Acq: 23 Feb 2023 11:57

Tgt Ion:152 Resp: 98503

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.3

150 157.6 0.0 347.6

