

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012733.D
 Acq On : 27 Feb 2023 13:38
 Operator : KP/MD
 Sample : 01700-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1R

Quant Time: Feb 28 00:22:29 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	117917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83574	60.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.020%
35) Dibromofluoromethane	7.716	113	66924	48.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.179	98	286219	55.192	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.380%
62) 4-Bromofluorobenzene	12.483	95	87900	52.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.940%

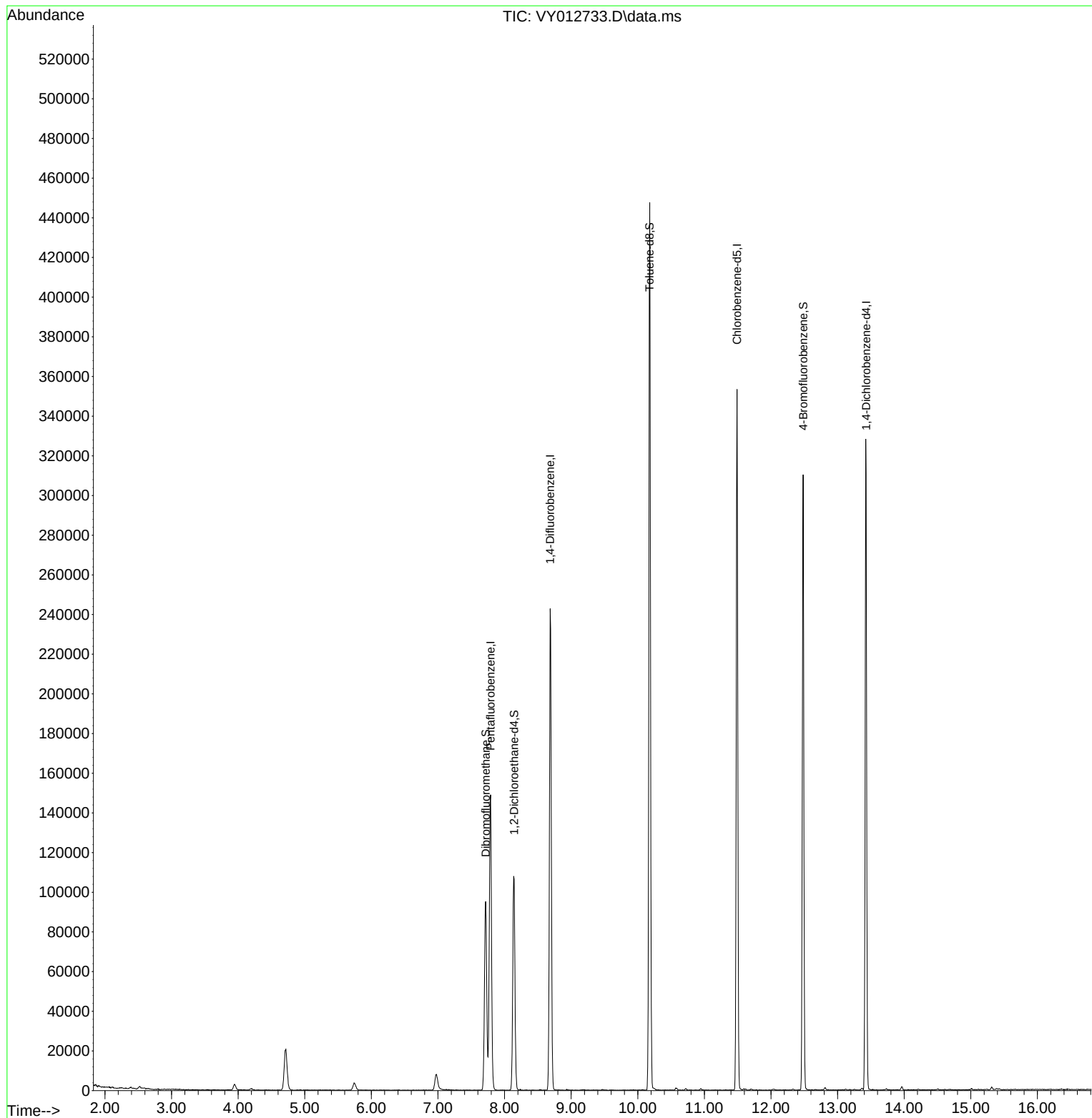
Target Compounds	Qvalue

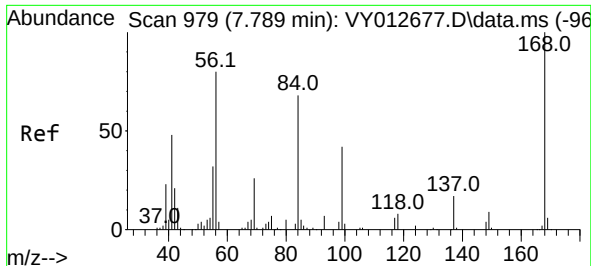
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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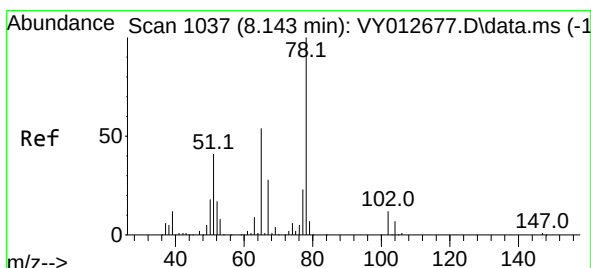
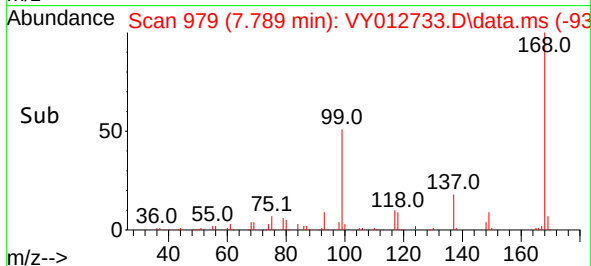
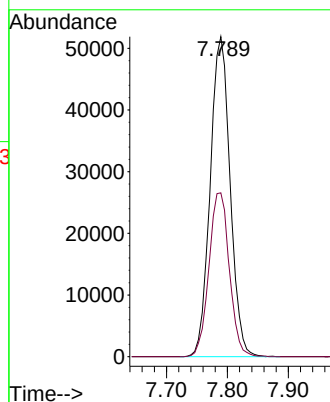
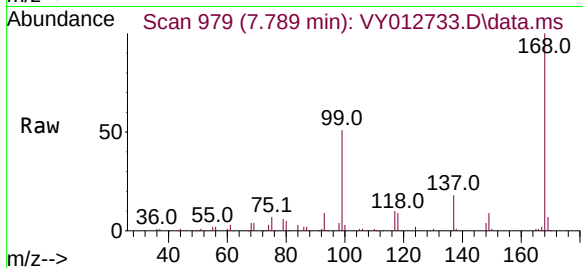




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

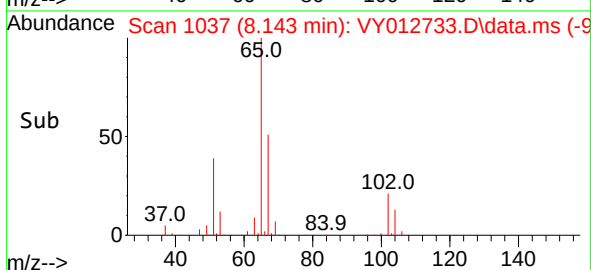
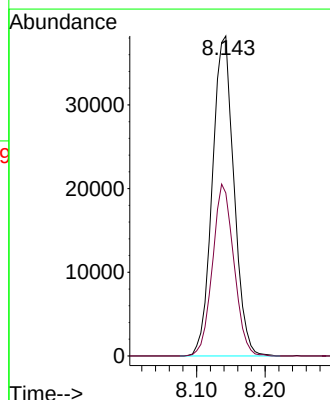
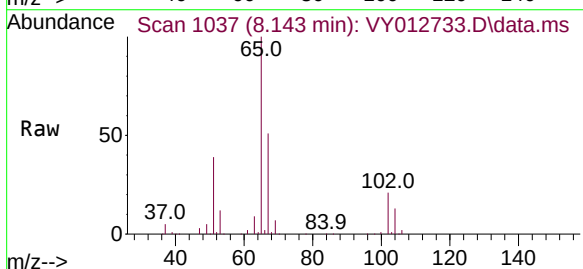
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

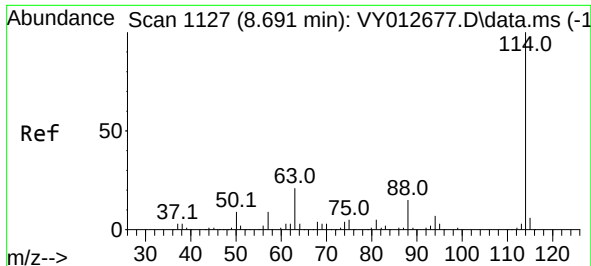
Tgt Ion:168 Resp: 117917
Ion Ratio Lower Upper
168 100
99 51.2 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 60.011 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 65 Resp: 83574
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

MW-1R

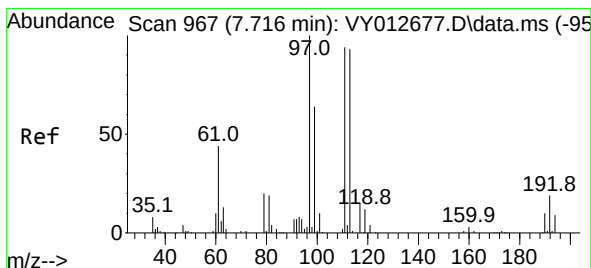
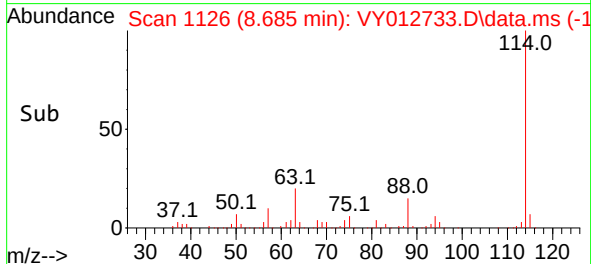
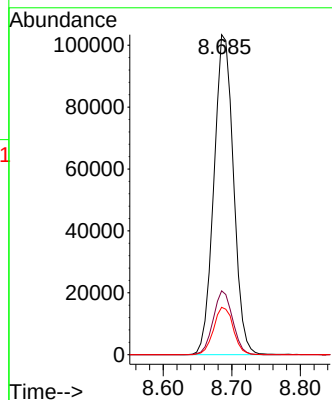
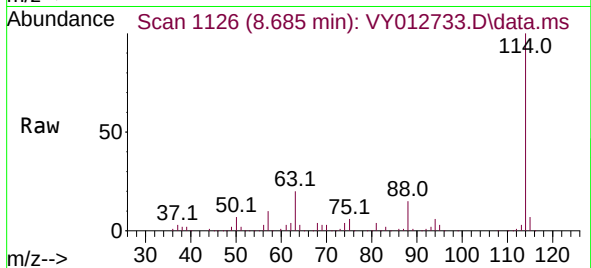
Tgt Ion:114 Resp: 204940

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.347 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

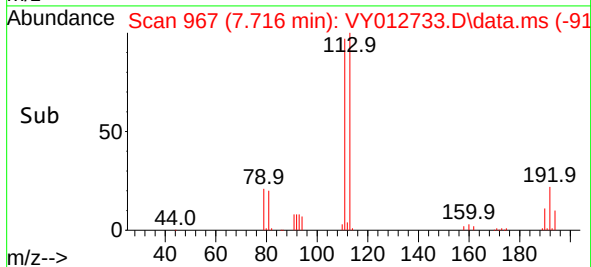
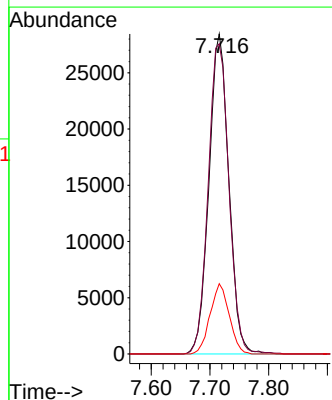
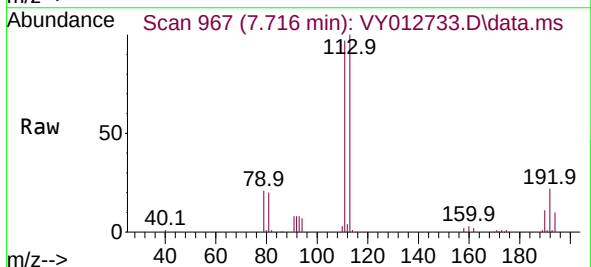
Tgt Ion:113 Resp: 66924

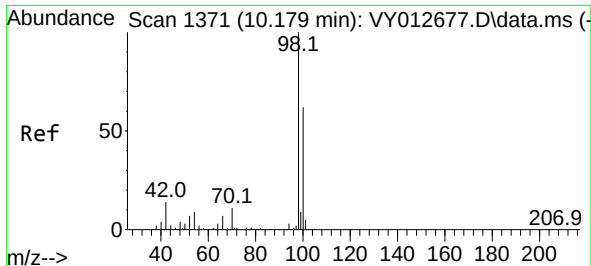
Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

192 21.1 16.2 24.2

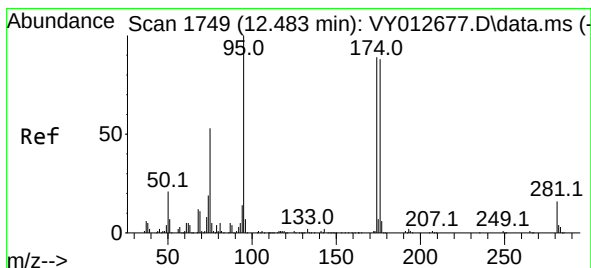
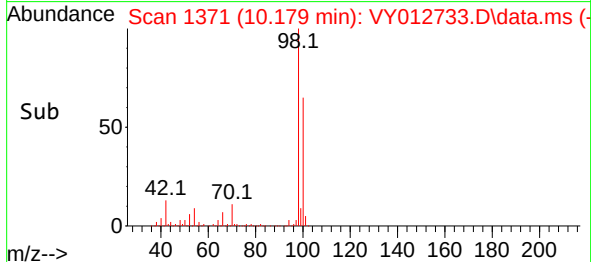
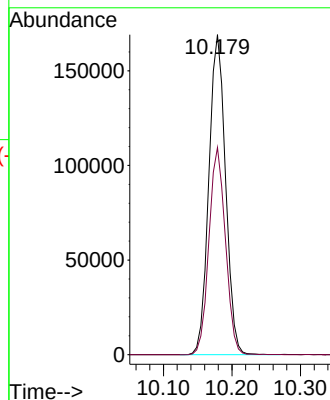
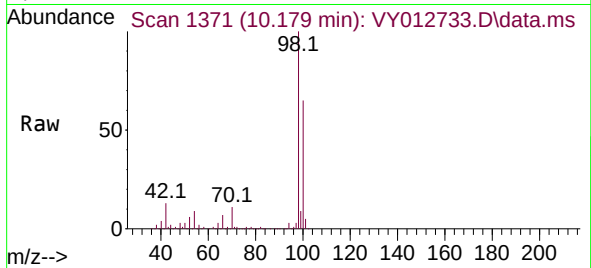




#50
Toluene-d8
Concen: 55.192 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

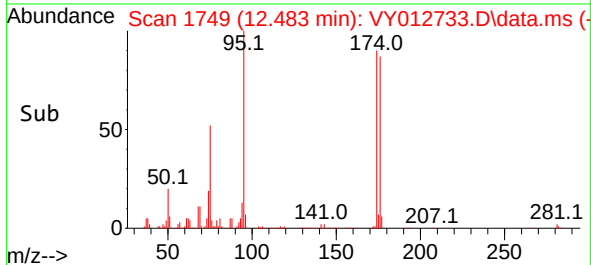
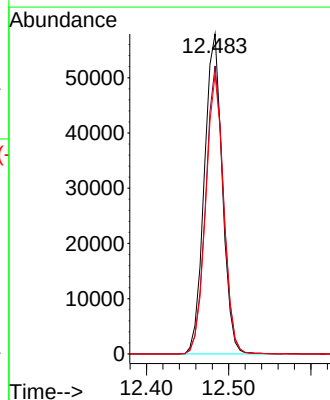
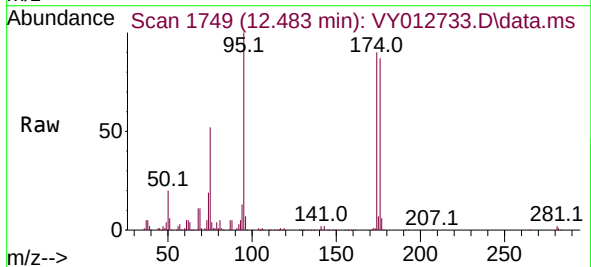
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MW-1R

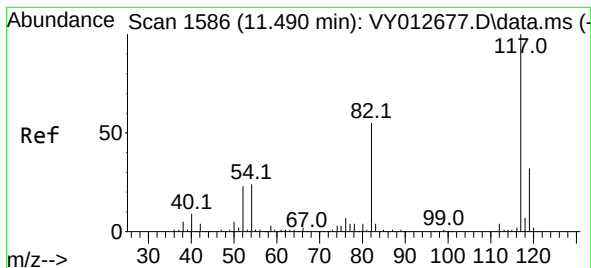
Tgt Ion: 98 Resp: 286219
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 95 Resp: 87900
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.8
176 86.8 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: VY012733.D

Acq: 27 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

MW-1R

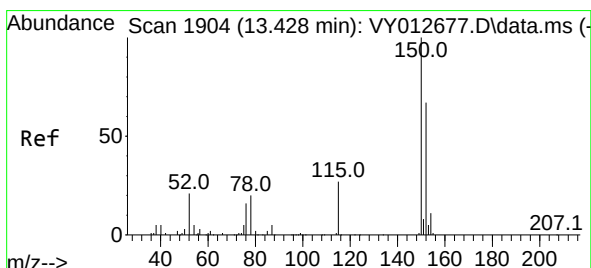
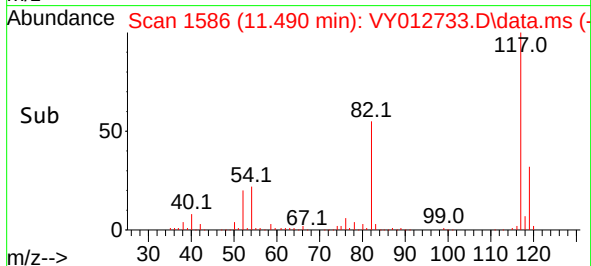
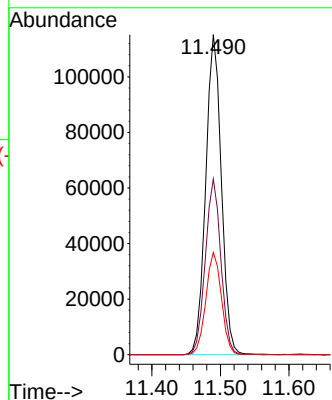
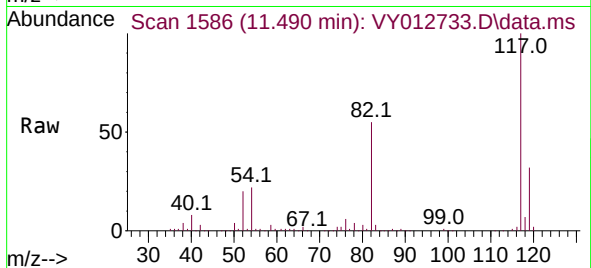
Tgt Ion:117 Resp: 182727

Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

119 32.0 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: VY012733.D

Acq: 27 Feb 2023 13:38

Tgt Ion:152 Resp: 84341

Ion Ratio Lower Upper

152 100

115 54.2 28.7 86.3

150 155.1 0.0 347.6

