

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011768.D
 Acq On : 12 Dec 2022 14:03
 Operator : KP/MD
 Sample : N5999-01RE
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20RE

Quant Time: Dec 13 00:19:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40253	64.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.780%
35) Dibromofluoromethane	7.722	113	39887	57.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.080%
50) Toluene-d8	10.179	98	108188	46.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.483	95	40501	43.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.500%

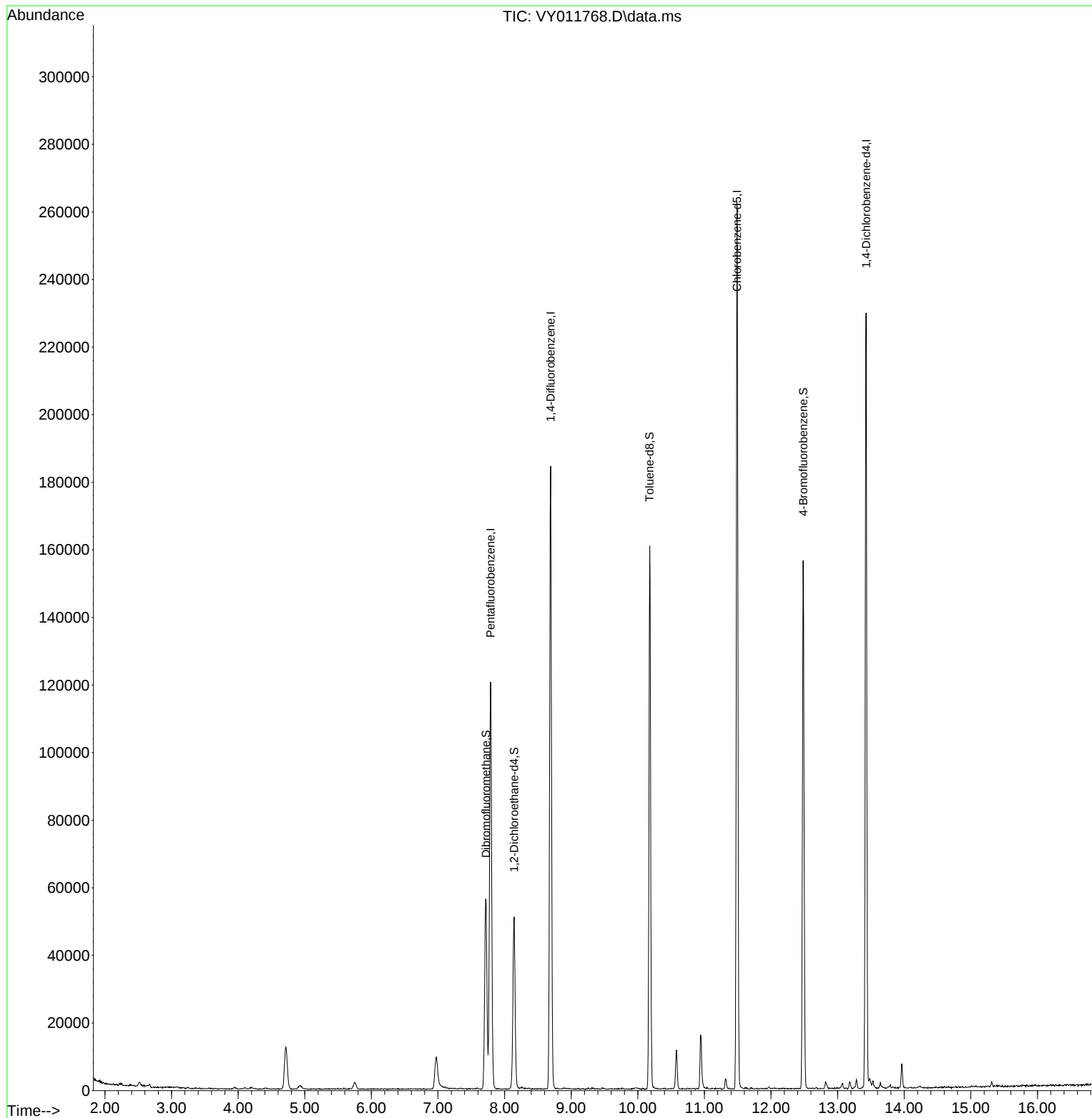
Target Compounds	Qvalue

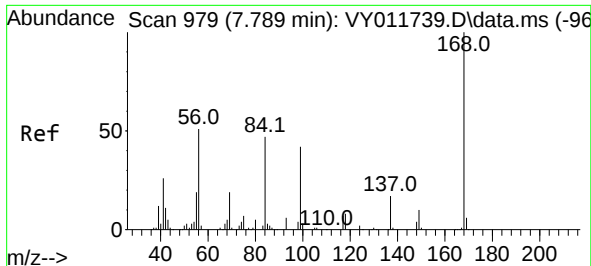
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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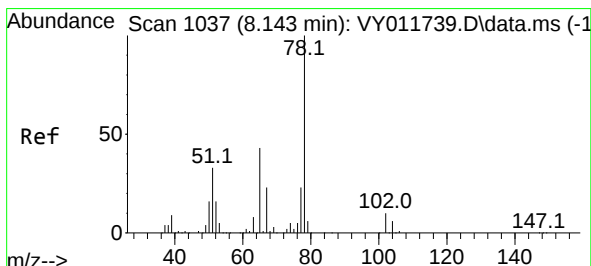
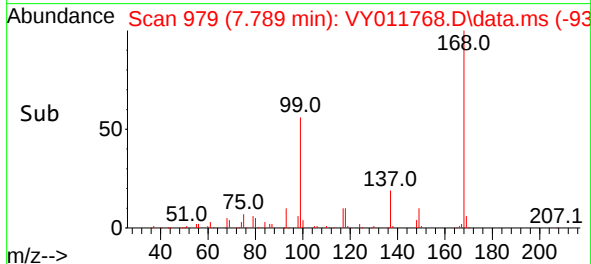
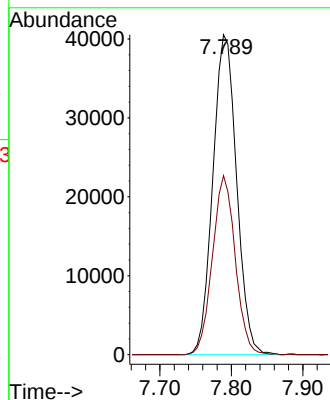
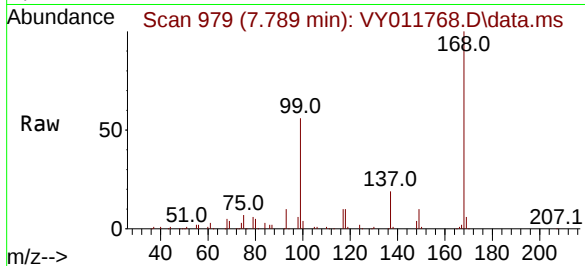




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011768.D
Acq: 12 Dec 2022 14:03

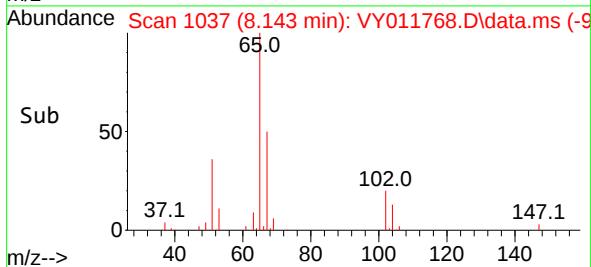
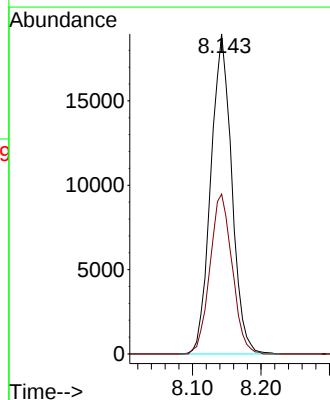
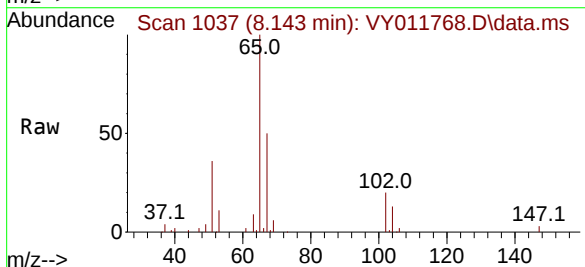
Instrument :
MSVOA_Y
ClientSampleId :
MH-20RE

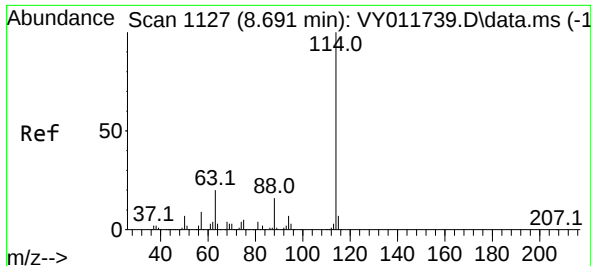
Tgt Ion:168 Resp: 93619
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 64.389 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011768.D
Acq: 12 Dec 2022 14:03

Tgt Ion: 65 Resp: 40253
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011768.D

Acq: 12 Dec 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

MH-20RE

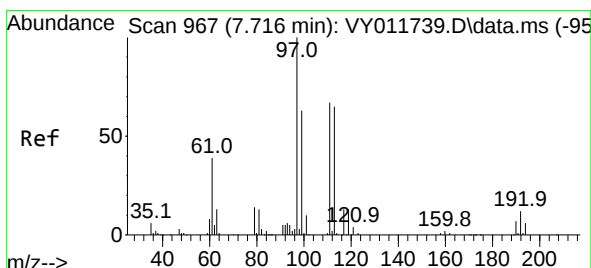
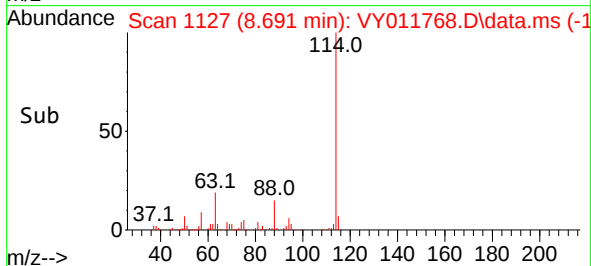
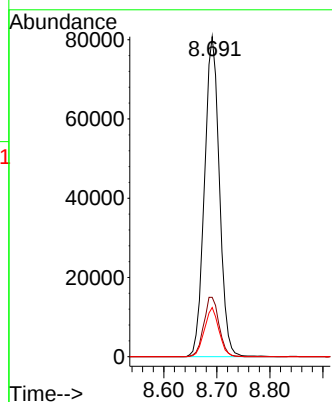
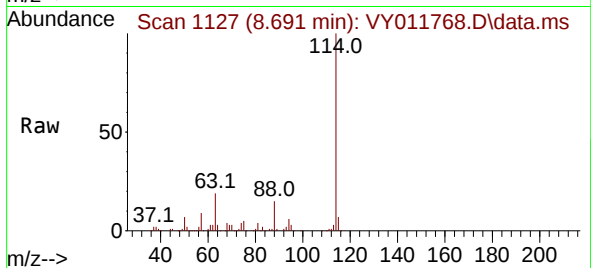
Tgt Ion:114 Resp: 157622

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.543 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011768.D

Acq: 12 Dec 2022 14:03

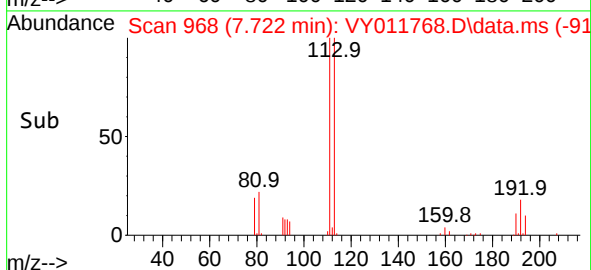
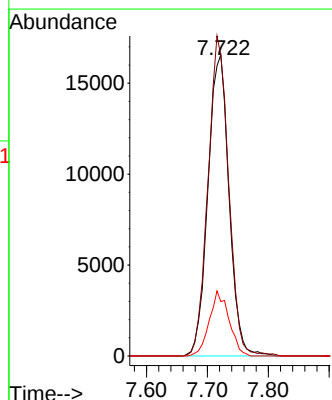
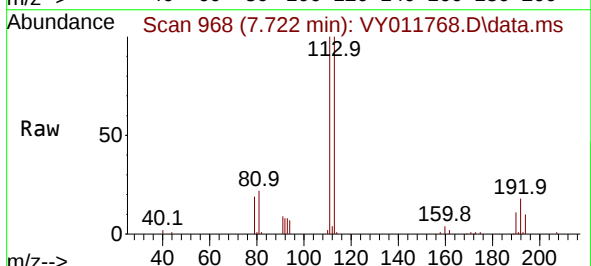
Tgt Ion:113 Resp: 39887

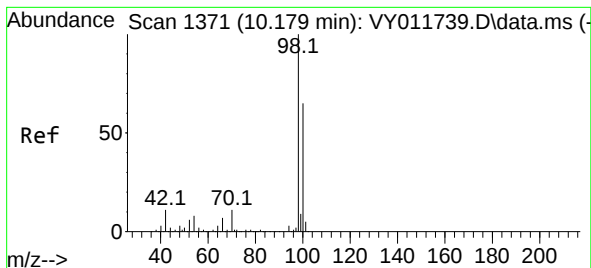
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 20.1 16.0 24.0

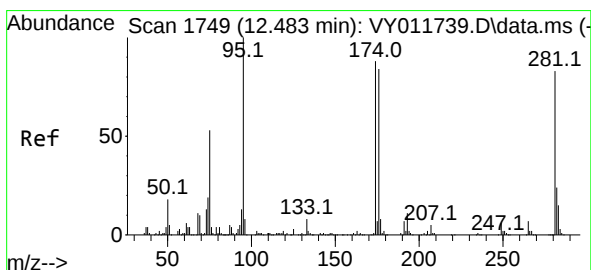
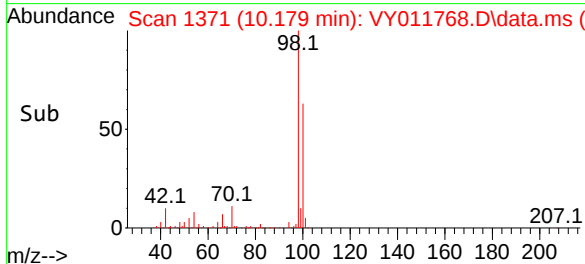
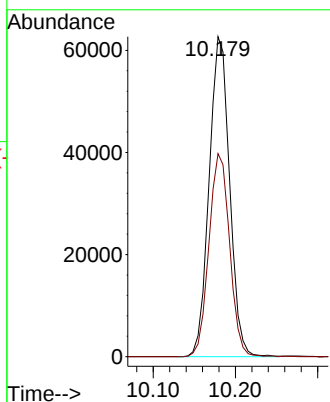
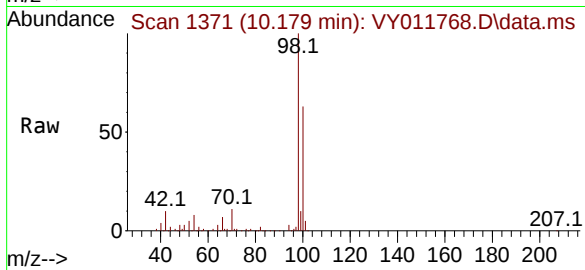




#50
Toluene-d8
Concen: 46.679 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011768.D
Acq: 12 Dec 2022 14:03

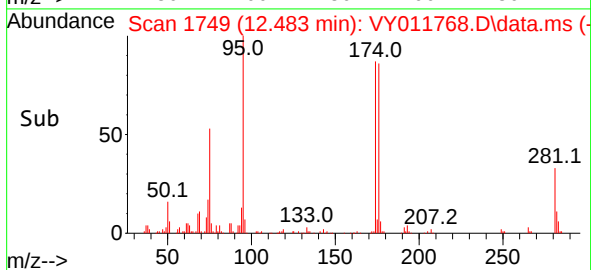
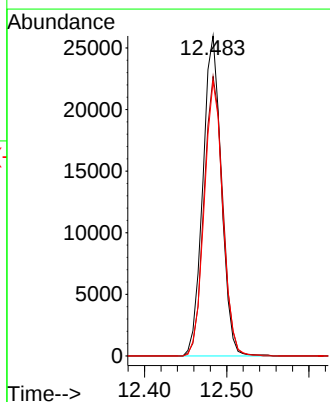
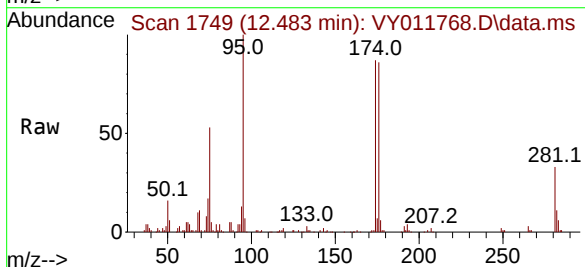
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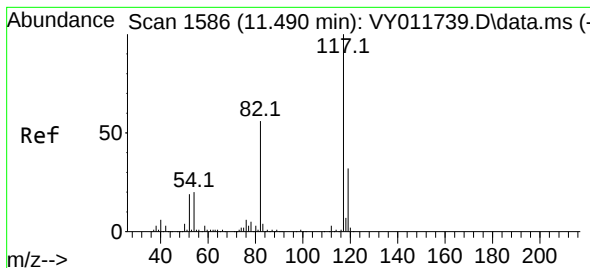
Tgt Ion: 98 Resp: 108188
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.748 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011768.D
Acq: 12 Dec 2022 14:03

Tgt Ion: 95 Resp: 40501
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.0
176 86.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011768.D

Acq: 12 Dec 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

MH-20RE

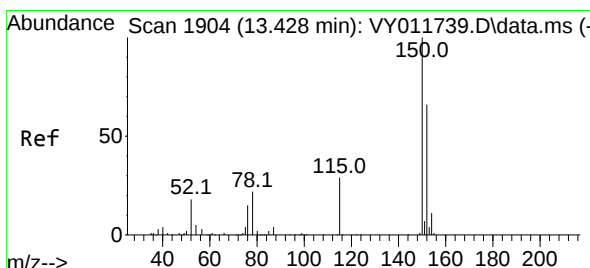
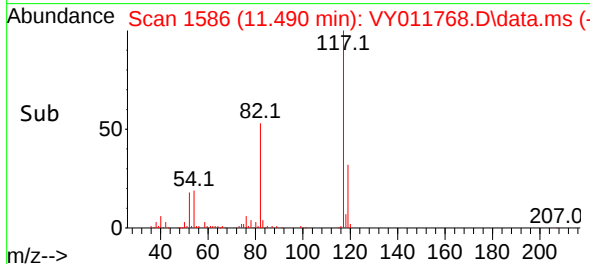
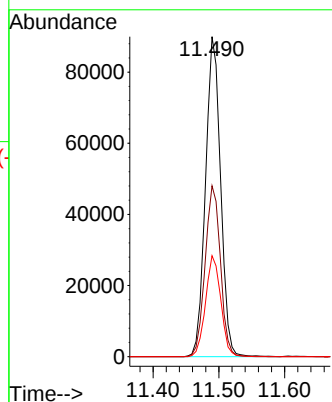
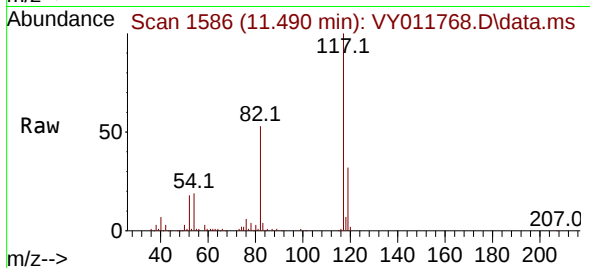
Tgt Ion:117 Resp: 143719

Ion Ratio Lower Upper

117 100

82 53.4 44.8 67.2

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011768.D

Acq: 12 Dec 2022 14:03

Tgt Ion:152 Resp: 62366

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 158.5 0.0 342.6

