

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010053.D
 Acq On : 16 Aug 2022 19:08
 Operator : KP/MD
 Sample : N4208-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

Quant Time: Aug 17 05:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	69056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	113260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41396	59.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.710	113	37906	52.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.173	98	128555	47.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.477	95	44142	46.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

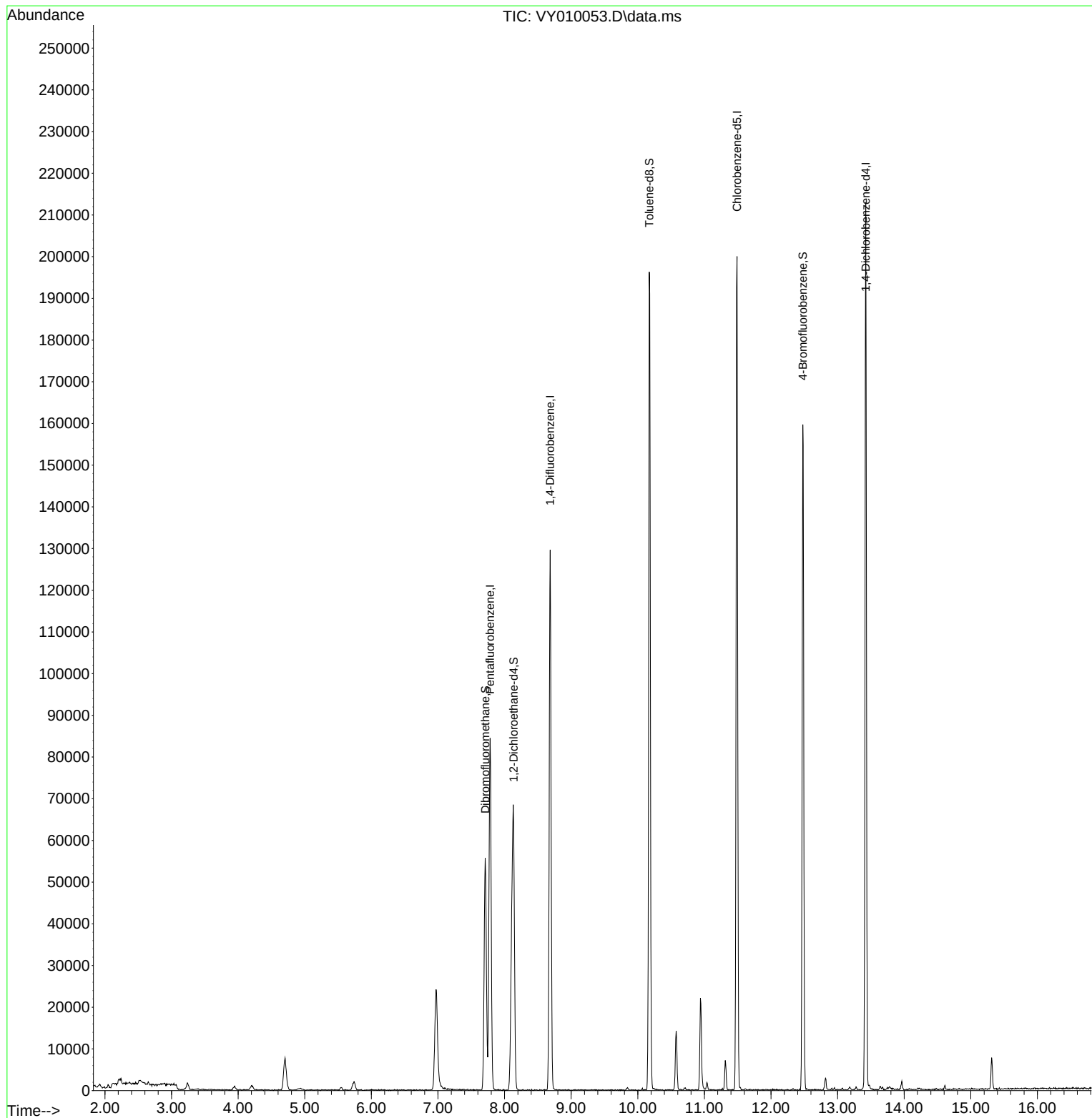
Target Compounds	Qvalue

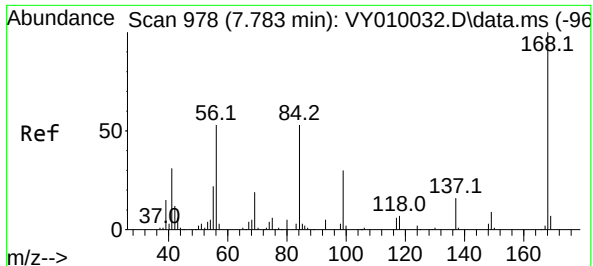
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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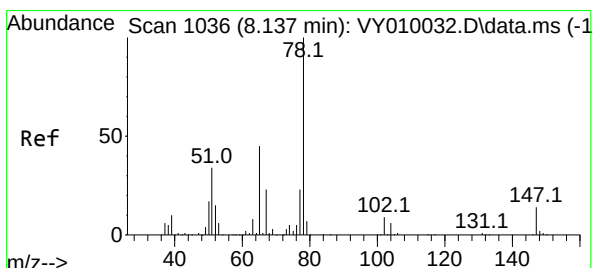
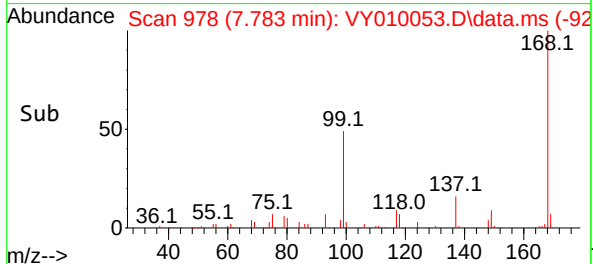
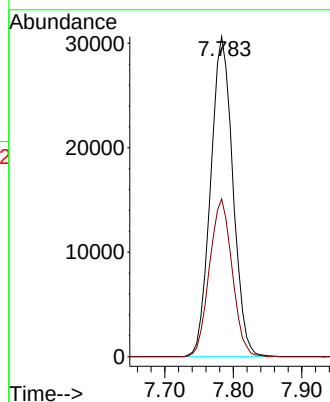
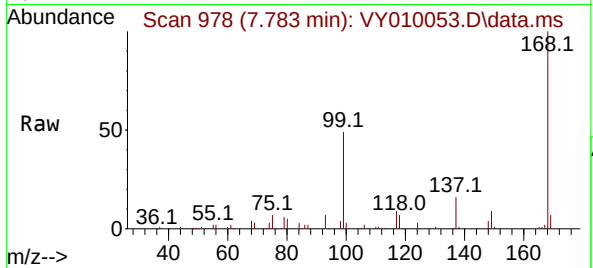




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

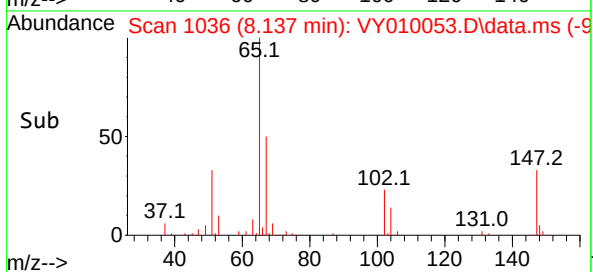
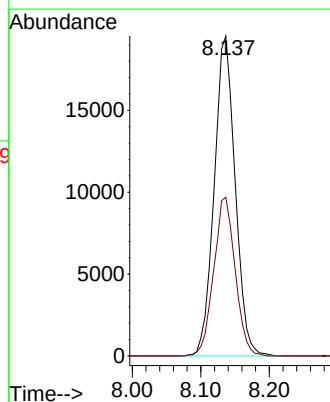
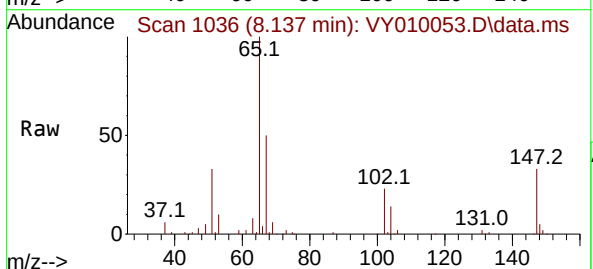
Instrument :
MSVOA_Y
ClientSampleId :
W-1

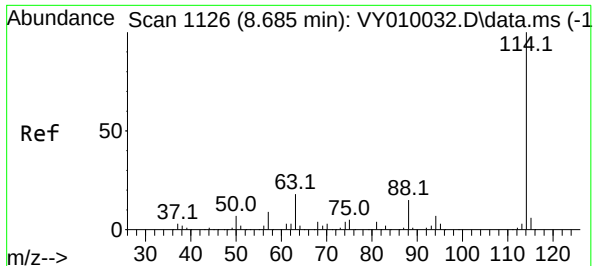
Tgt Ion:168 Resp: 69056
Ion Ratio Lower Upper
168 100
99 49.3 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 59.954 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion: 65 Resp: 41396
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

W-1

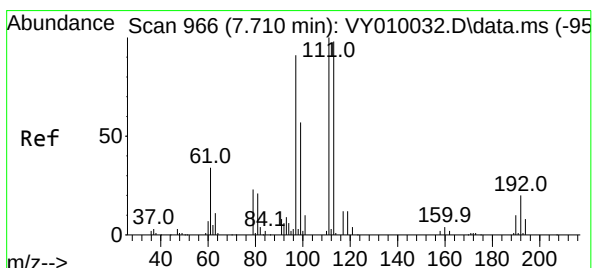
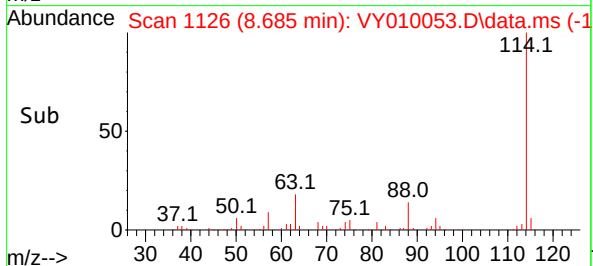
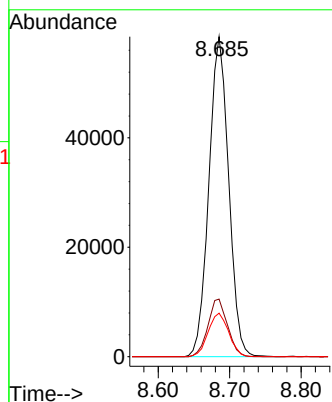
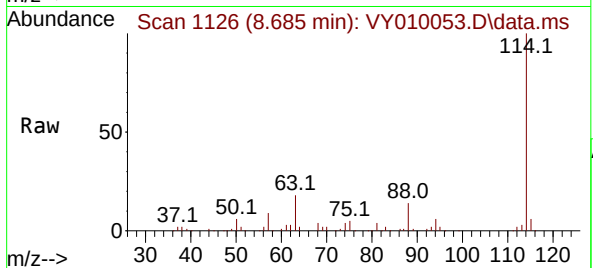
Tgt Ion:114 Resp: 112275

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 13.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.061 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

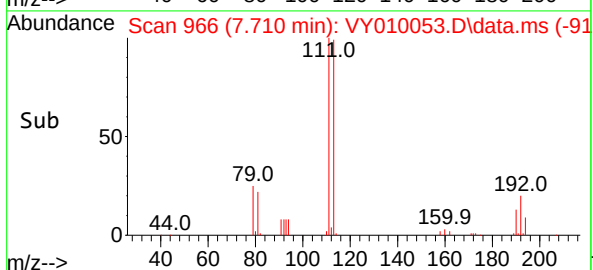
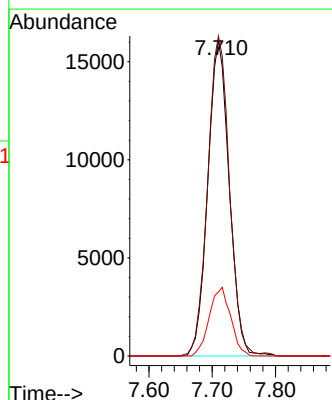
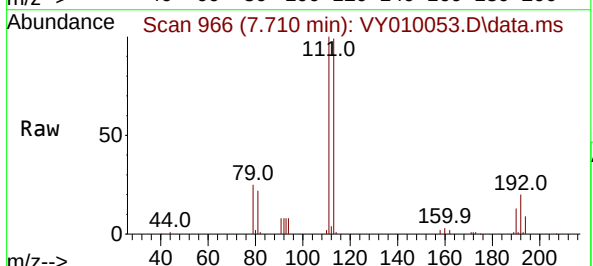
Tgt Ion:113 Resp: 37906

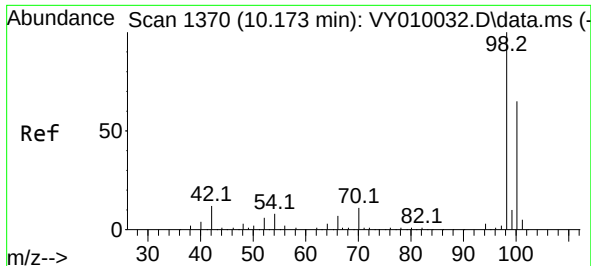
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 21.7 17.2 25.8

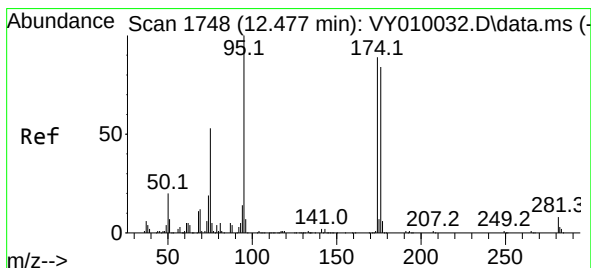
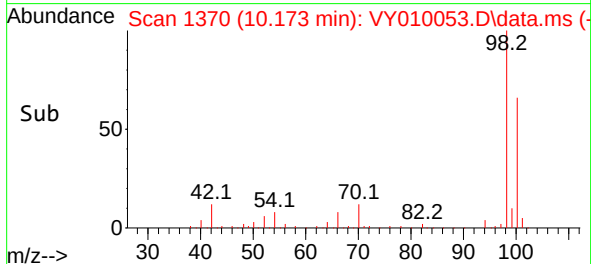
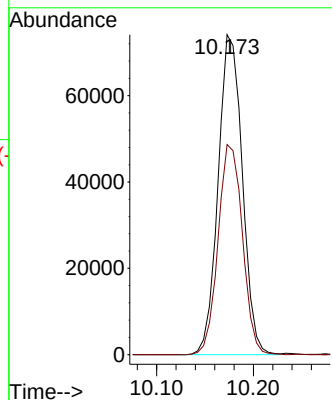
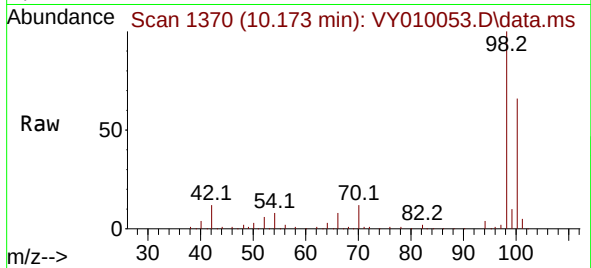




#50
Toluene-d8
Concen: 47.723 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

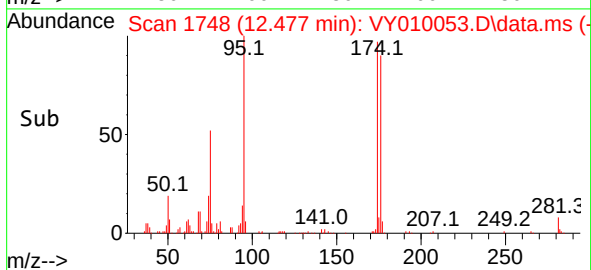
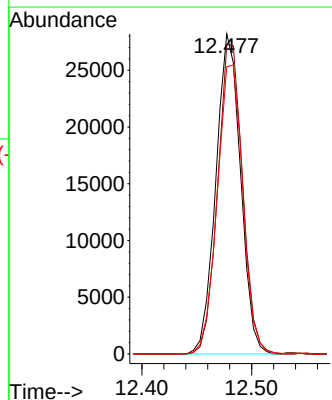
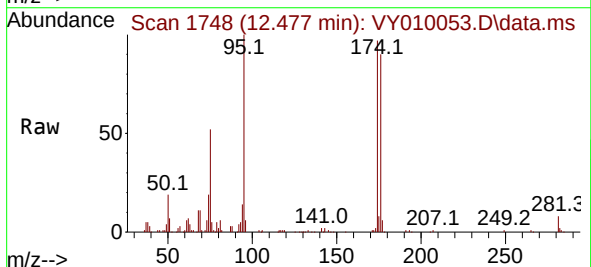
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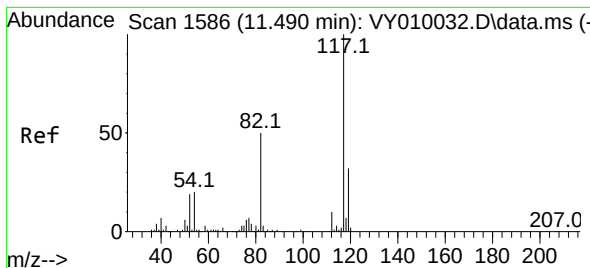
Tgt Ion: 98 Resp: 128555
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.654 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion: 95 Resp: 44142
Ion Ratio Lower Upper
95 100
174 97.8 0.0 184.2
176 93.8 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

W-1

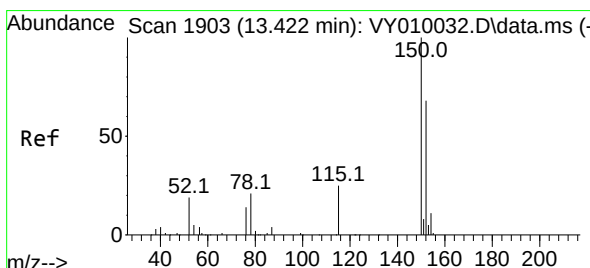
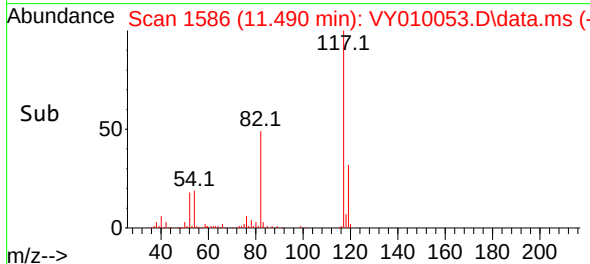
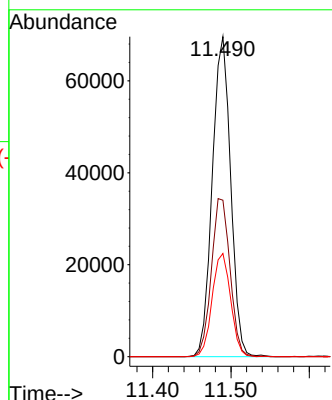
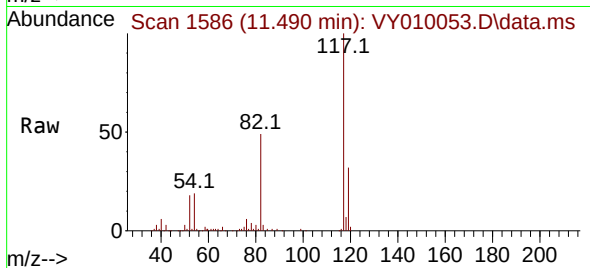
Tgt Ion:117 Resp: 113260

Ion Ratio Lower Upper

117 100

82 48.9 39.8 59.6

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Tgt Ion:152 Resp: 54518

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 157.8 0.0 346.6

