

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010600.D
 Acq On : 21 Sep 2022 15:44
 Operator : KP/MD
 Sample : N4697-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31-6.5-7.0

Quant Time: Sep 22 06:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	190383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100654	55.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.710	113	91719	40.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.020%
50) Toluene-d8	10.179	98	354315	42.334	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.660%
62) 4-Bromofluorobenzene	12.477	95	118516	36.992	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.980%

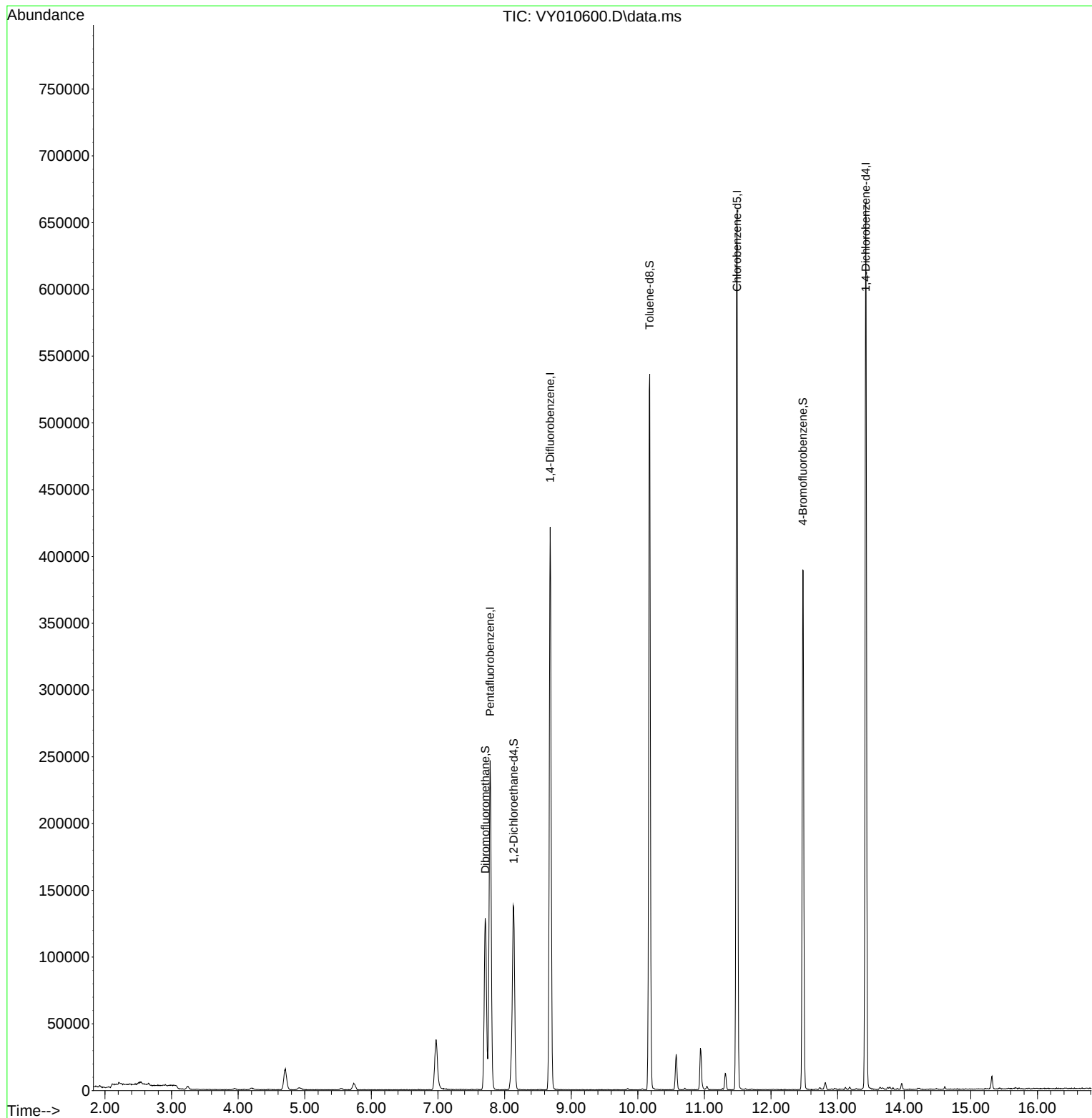
Target Compounds	Qvalue

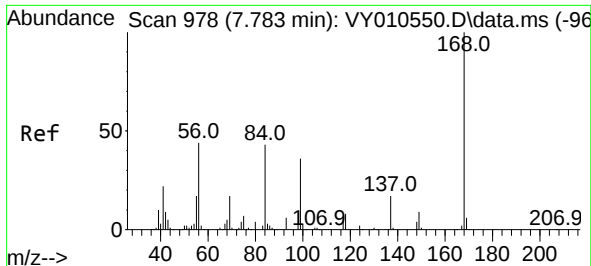
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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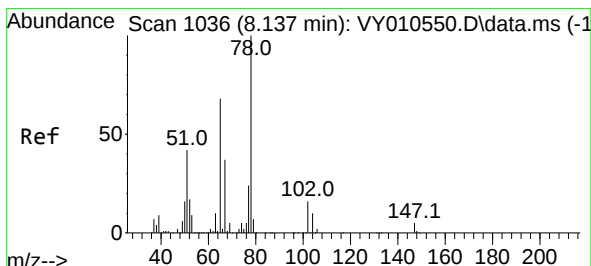
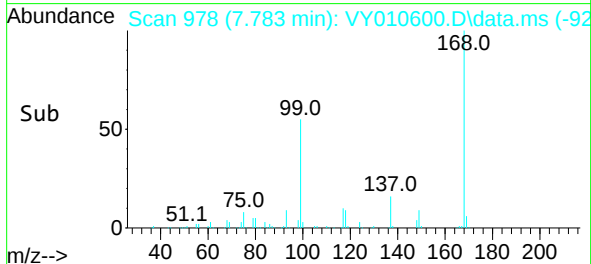
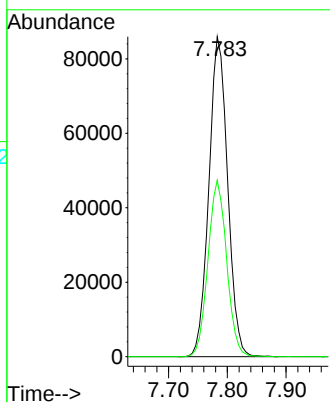
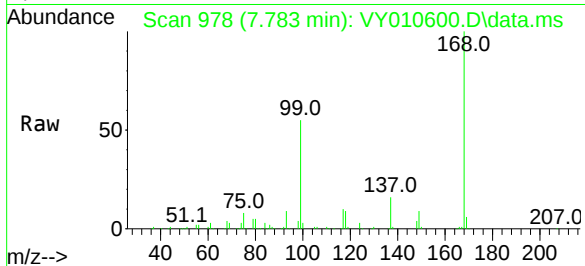




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010600.D
Acq: 21 Sep 2022 15:44

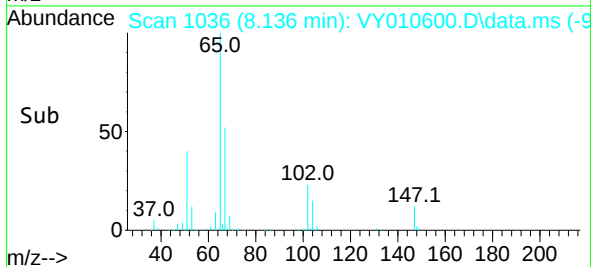
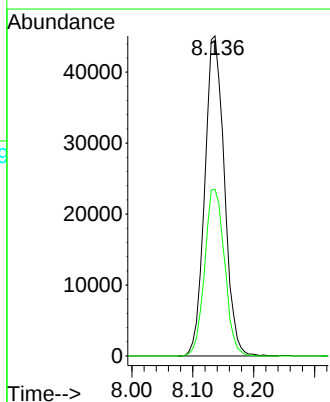
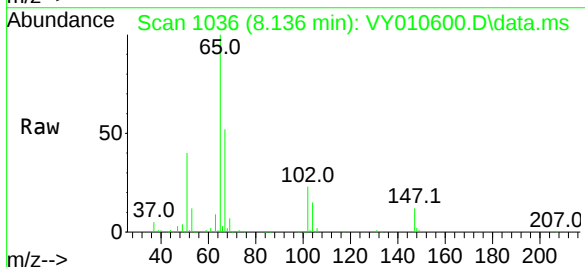
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-6.5-7.0

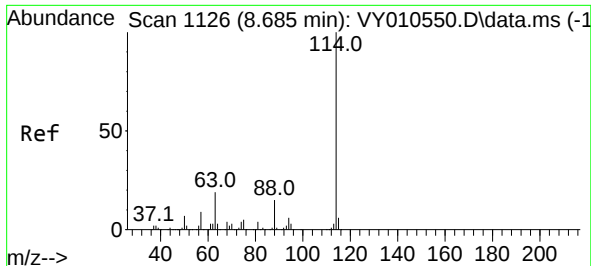
Tgt Ion:168 Resp: 190383
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.275 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010600.D
Acq: 21 Sep 2022 15:44

Tgt Ion: 65 Resp: 100654
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

SB-31-6.5-7.0

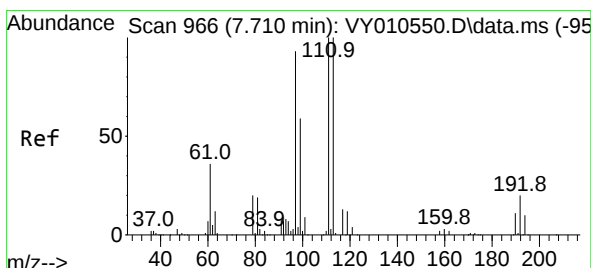
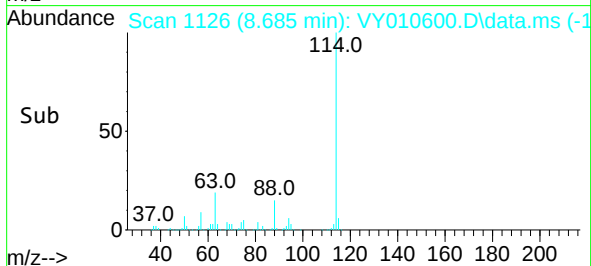
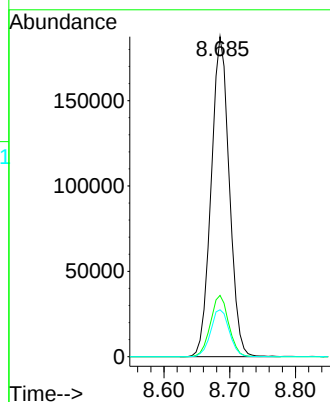
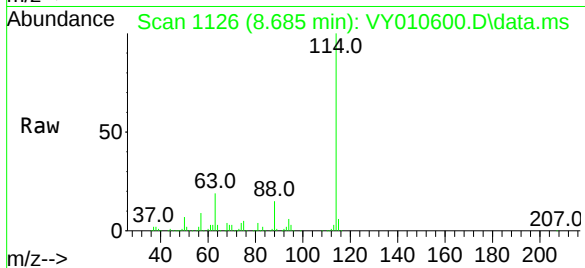
Tgt Ion:114 Resp: 359179

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.012 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

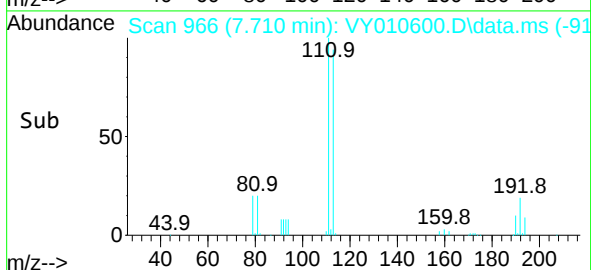
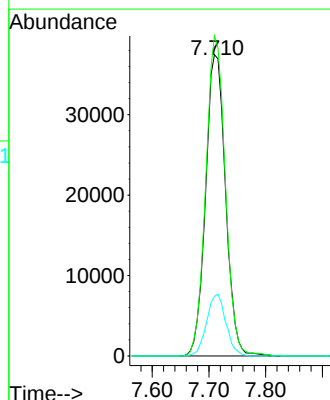
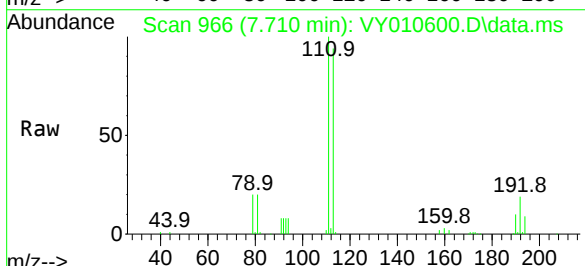
Tgt Ion:113 Resp: 91719

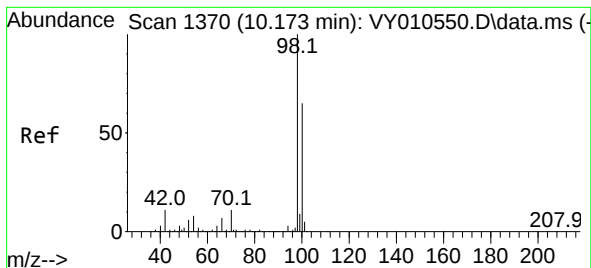
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 42.334 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

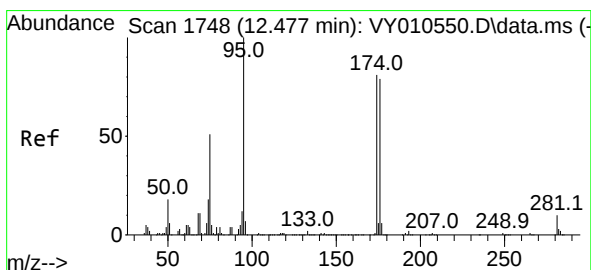
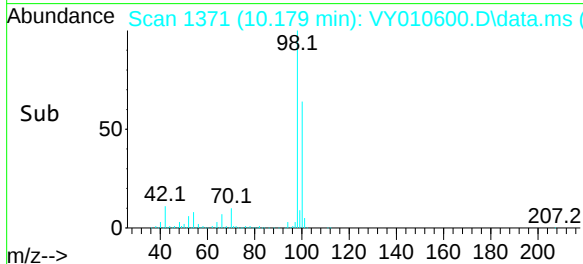
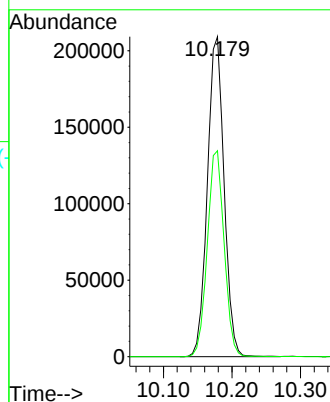
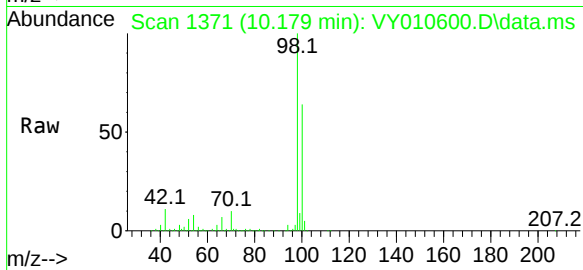
SB-31-6.5-7.0

Tgt Ion: 98 Resp: 354315

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.992 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

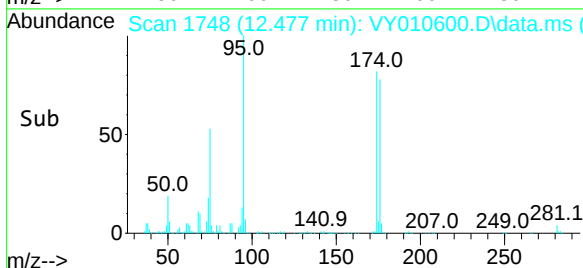
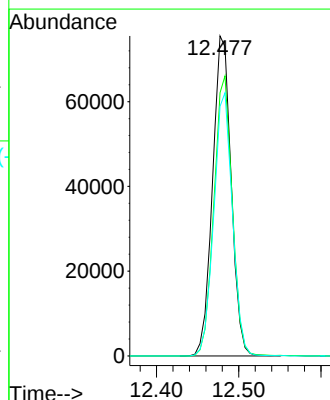
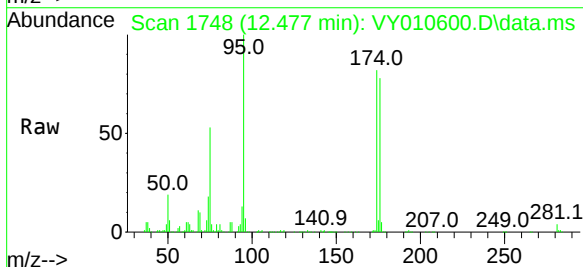
Tgt Ion: 95 Resp: 118516

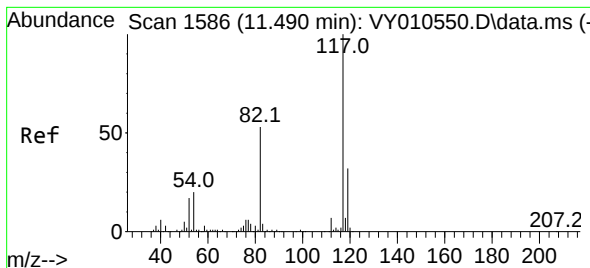
Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 82.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

SB-31-6.5-7.0

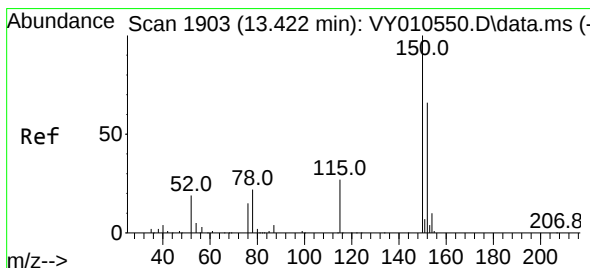
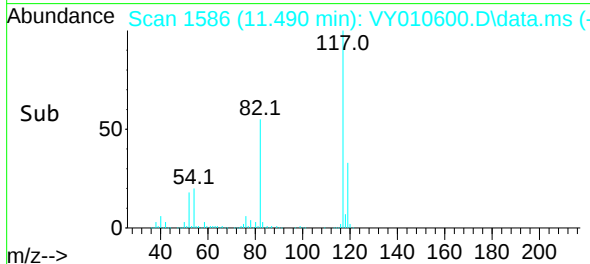
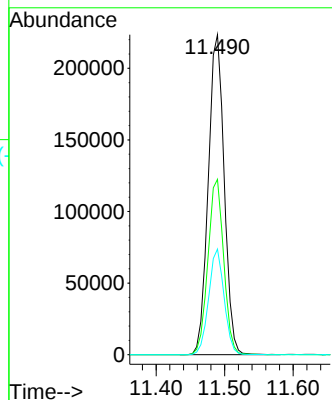
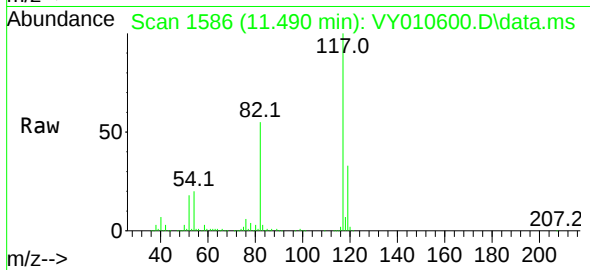
Tgt Ion:117 Resp: 361271

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.4

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010600.D

Acq: 21 Sep 2022 15:44

Tgt Ion:152 Resp: 168421

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.7 0.0 347.6

