

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010655.D
 Acq On : 23 Sep 2022 17:43
 Operator : KP/MD
 Sample : N4724-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10.5-11.0

Quant Time: Sep 24 01:22:58 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	7.789	168	198870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	414109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96296	50.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.716	113	89460	35.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.700%
50) Toluene-d8	10.179	98	347603	38.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.920%
62) 4-Bromofluorobenzene	12.477	95	115005	32.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.320%

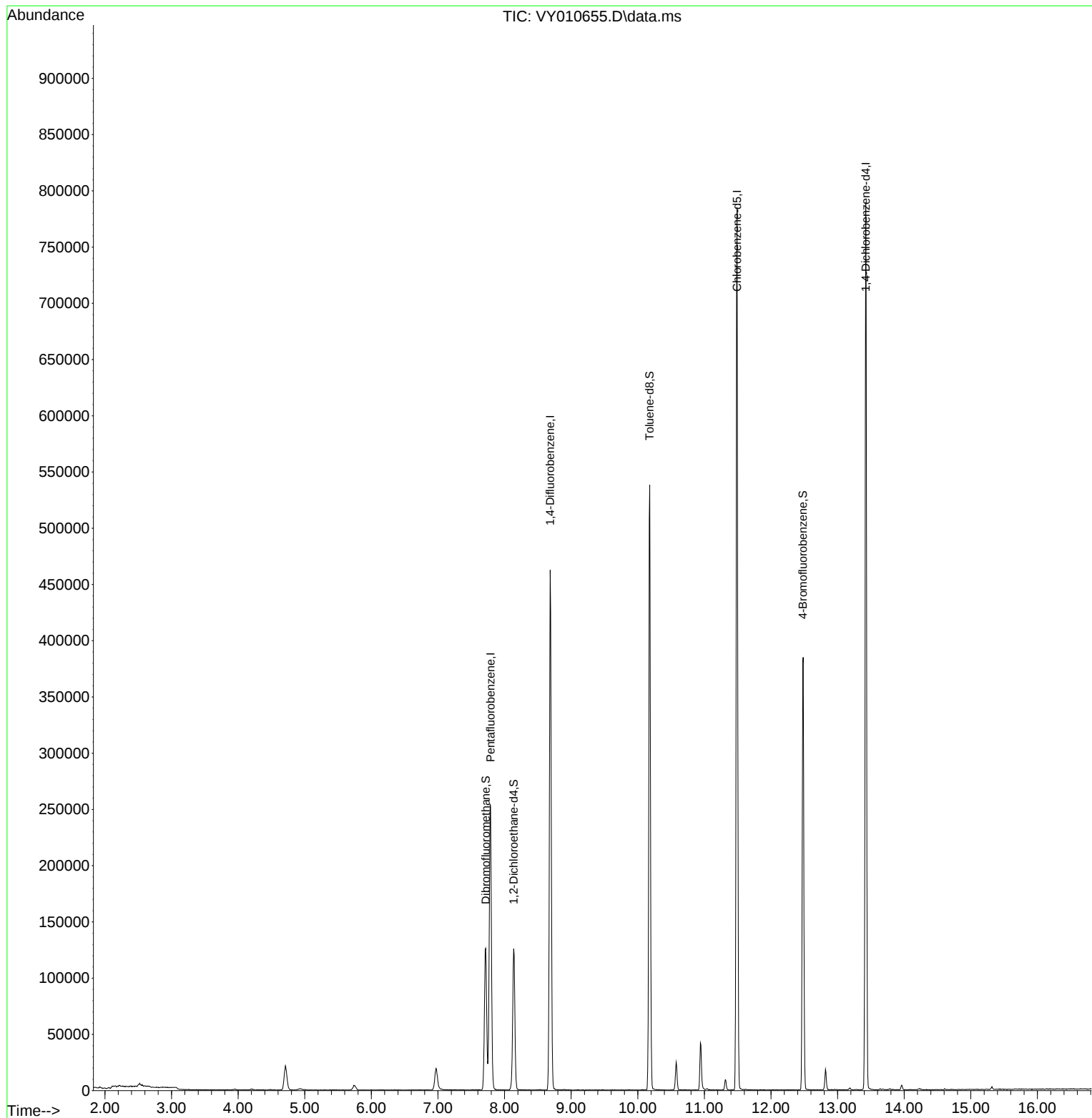
Target Compounds	Qvalue

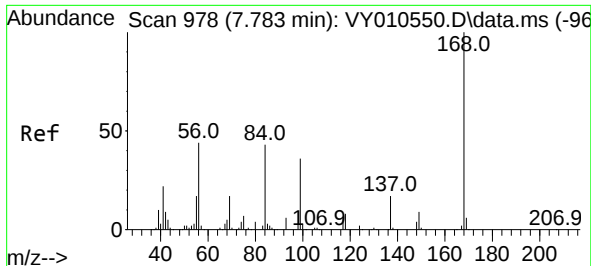
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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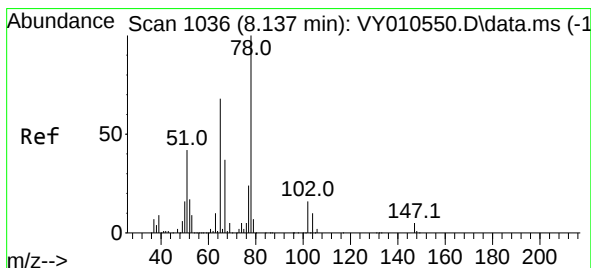
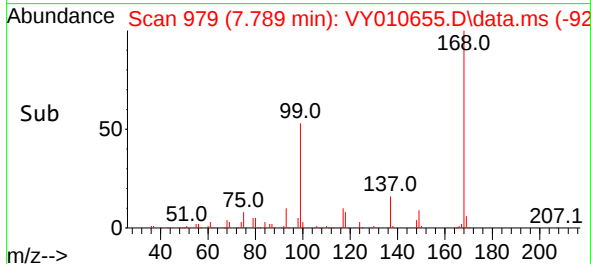
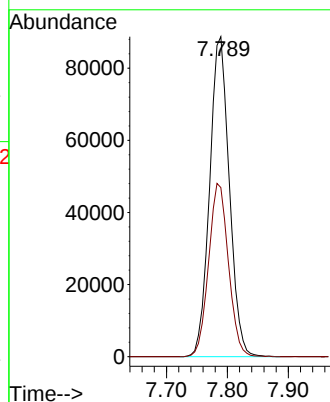
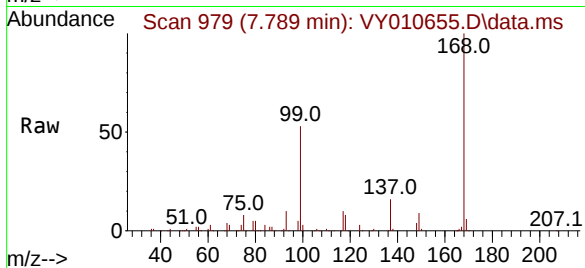




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

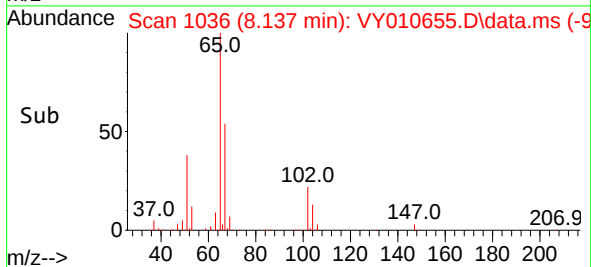
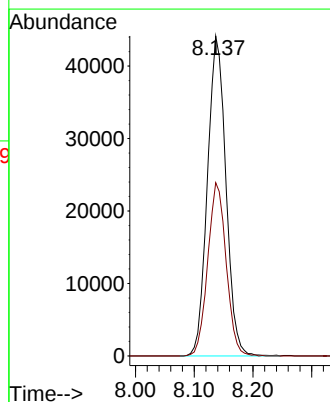
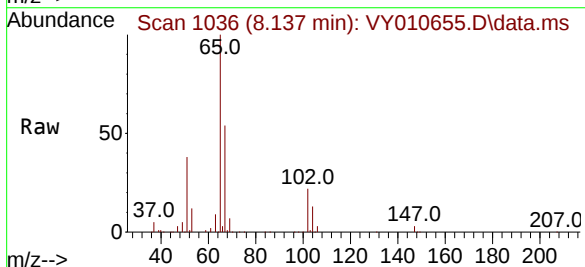
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

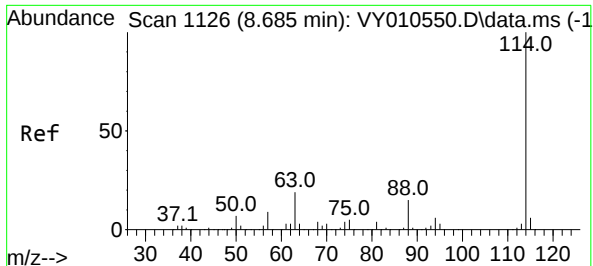
Tgt Ion:168 Resp: 198870
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.625 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 65 Resp: 96296
Ion Ratio Lower Upper
65 100
67 54.0 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: VY010655.D

Acq: 23 Sep 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-10.5-11.0

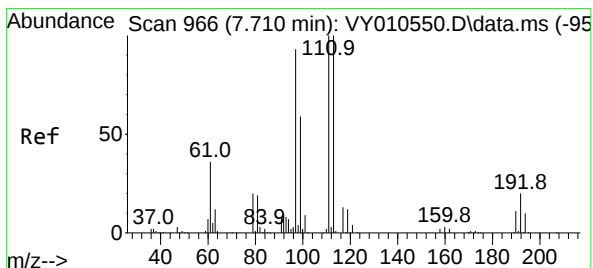
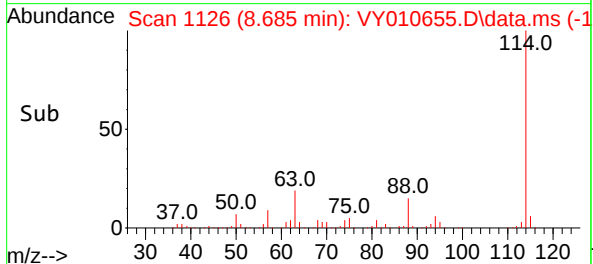
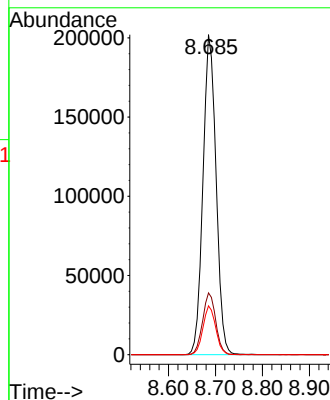
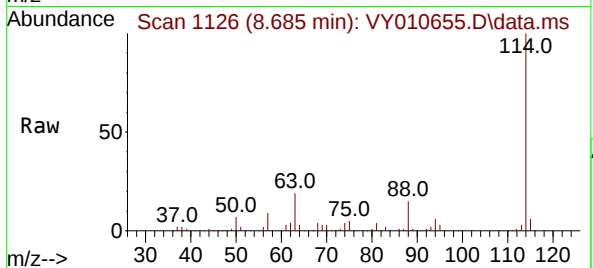
Tgt Ion:114 Resp: 391018

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 35.849 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010655.D

Acq: 23 Sep 2022 17:43

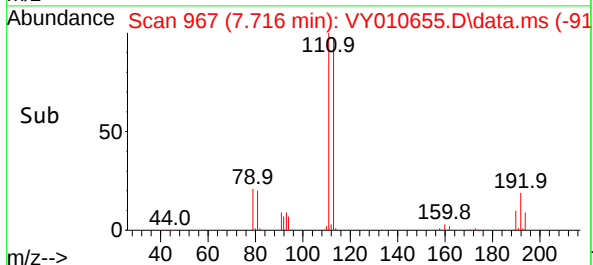
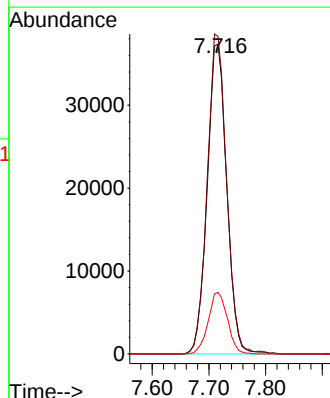
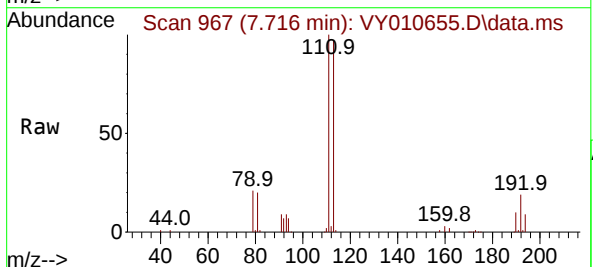
Tgt Ion:113 Resp: 89460

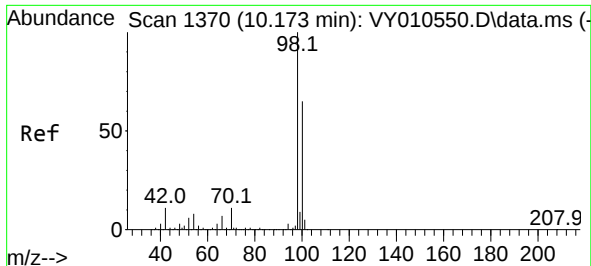
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.6 17.6 26.4

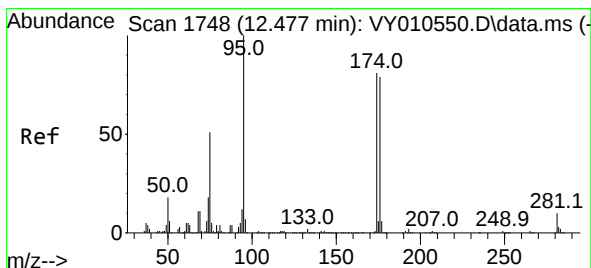
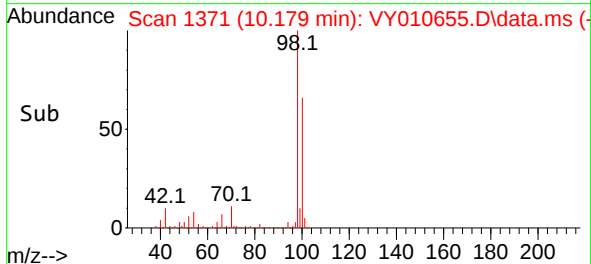
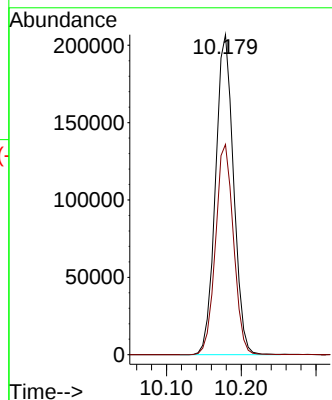
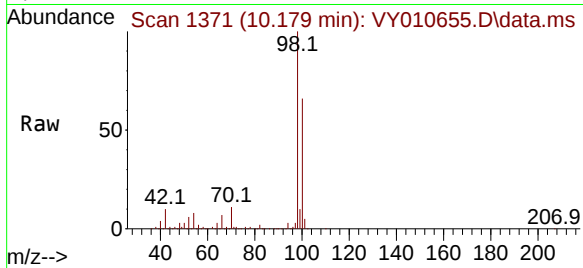




#50
Toluene-d8
Concen: 38.459 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

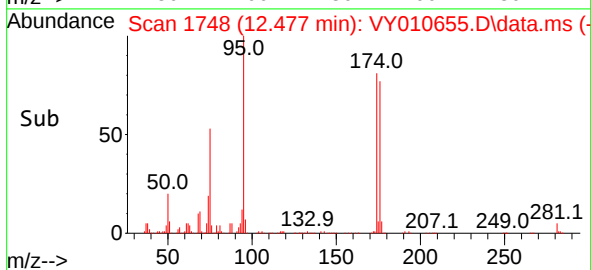
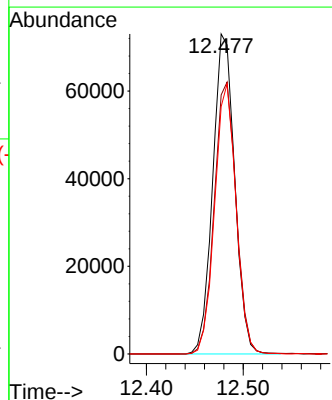
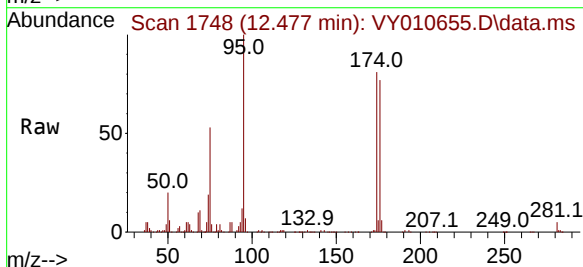
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

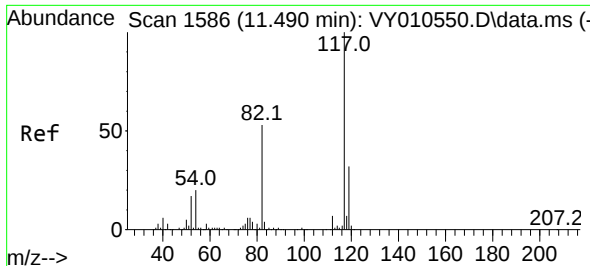
Tgt Ion: 98 Resp: 347603
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 95 Resp: 115005
Ion Ratio Lower Upper
95 100
174 85.3 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: VY010655.D

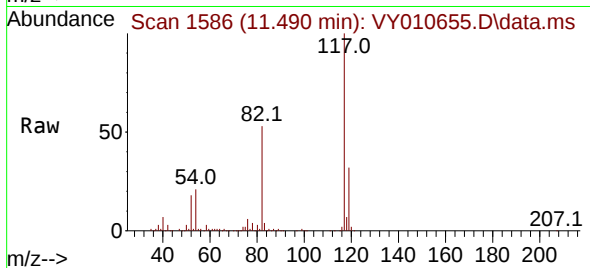
Acq: 23 Sep 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-10.5-11.0



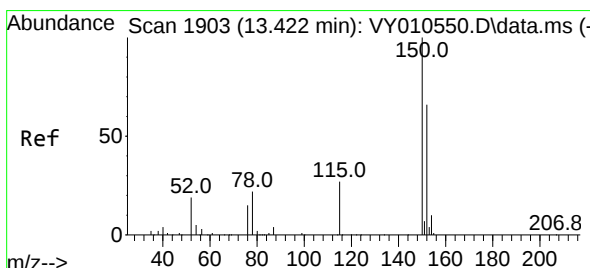
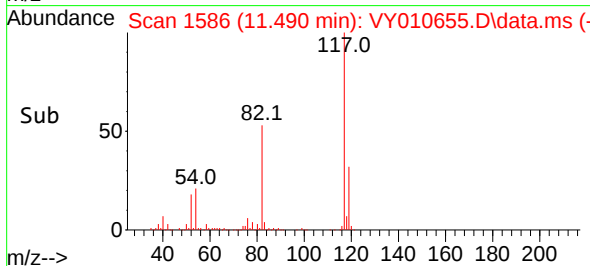
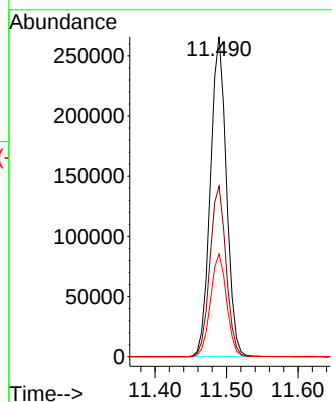
Tgt Ion:117 Resp: 414109

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.1 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: VY010655.D

Acq: 23 Sep 2022 17:43

Tgt Ion:152 Resp: 200473

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 156.5 0.0 347.6

