

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010657.D
 Acq On : 23 Sep 2022 18:30
 Operator : KP/MD
 Sample : N4724-13
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-12.5-13.0

Quant Time: Sep 24 01:23:46 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	195123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	413659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98416	52.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.716	113	90944	36.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.960%
50) Toluene-d8	10.179	98	343237	38.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.060%
62) 4-Bromofluorobenzene	12.477	95	113855	32.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.640%

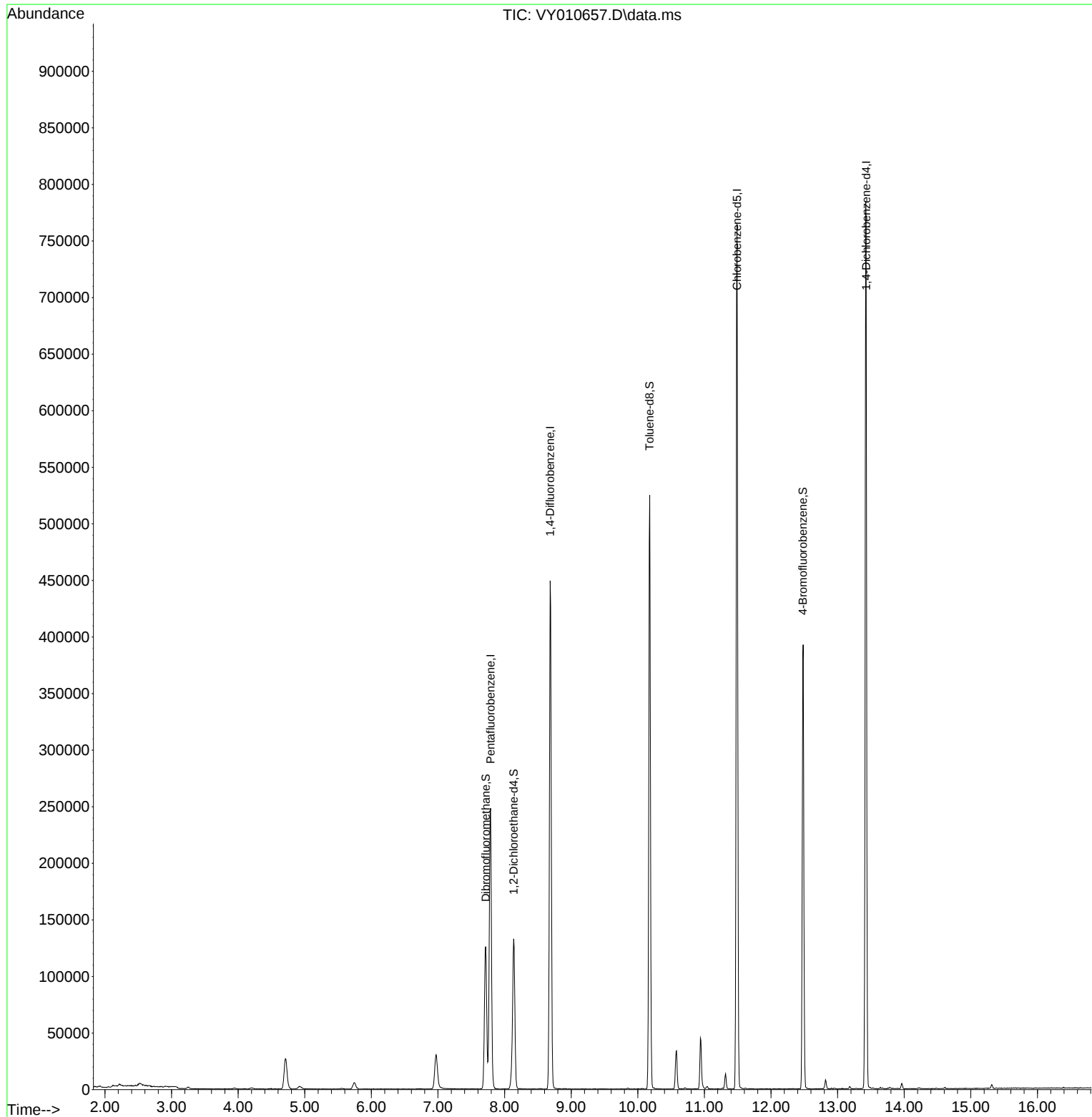
Target Compounds	Qvalue

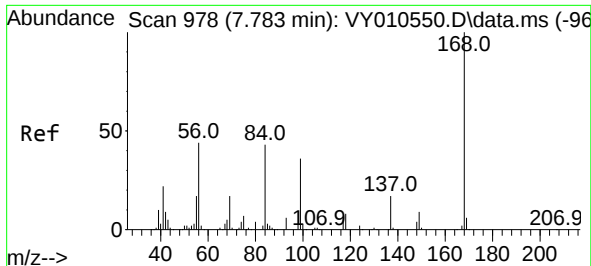
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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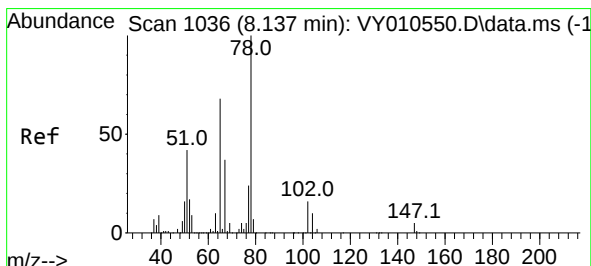
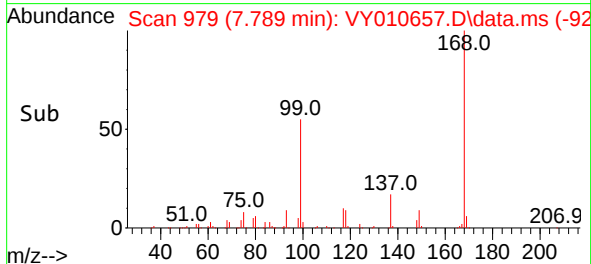
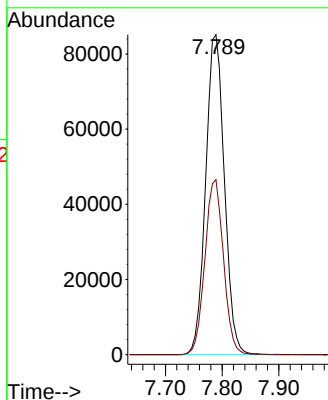
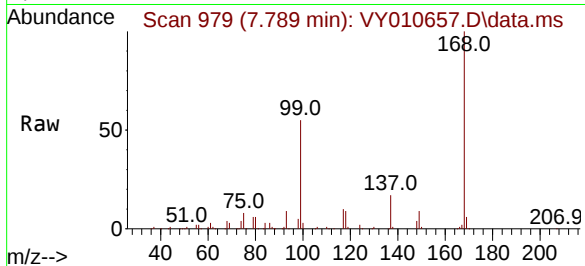




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

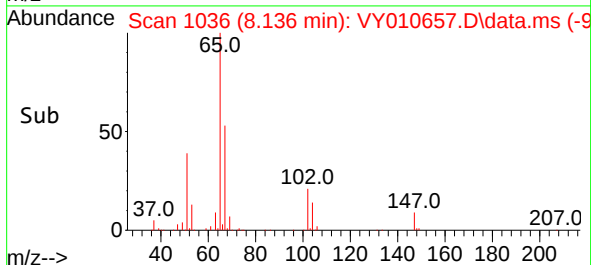
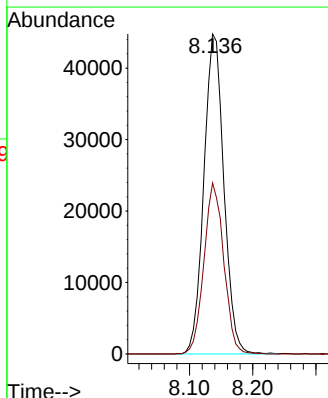
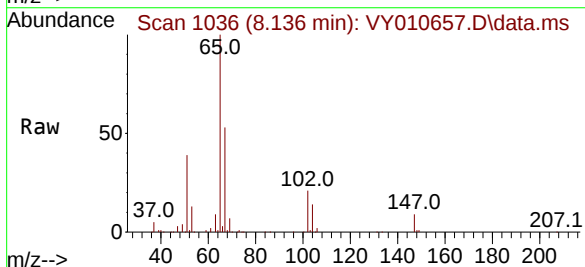
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12.5-13.0

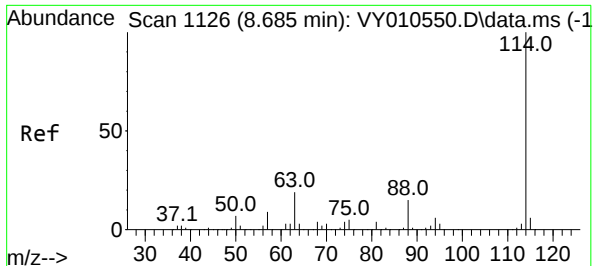
Tgt Ion:168 Resp: 195123
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.733 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

Tgt Ion: 65 Resp: 98416
Ion Ratio Lower Upper
65 100
67 53.0 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: VY010657.D

Acq: 23 Sep 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-12.5-13.0

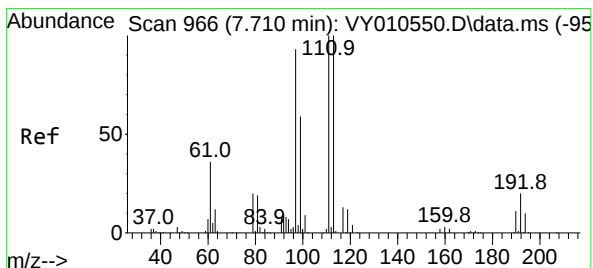
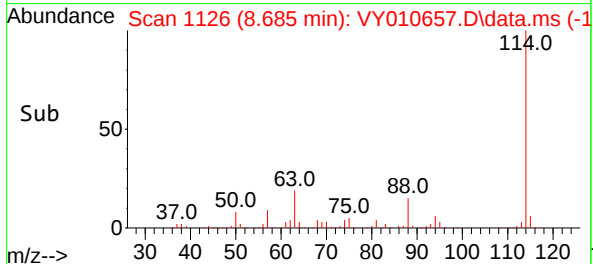
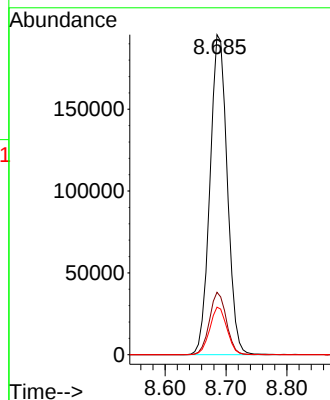
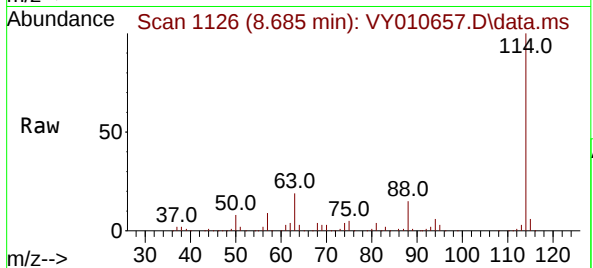
Tgt Ion:114 Resp: 385357

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.979 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010657.D

Acq: 23 Sep 2022 18:30

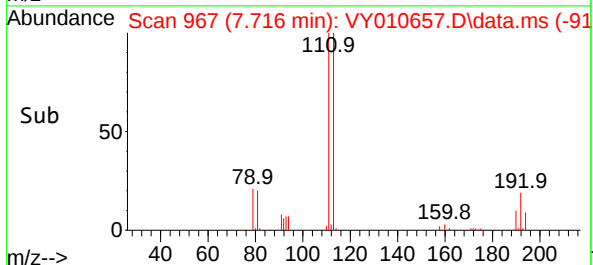
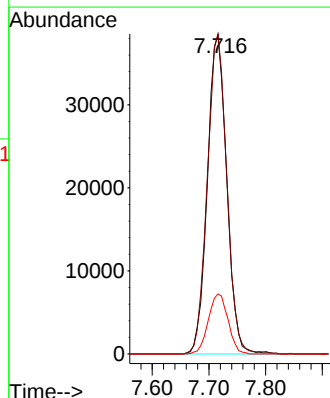
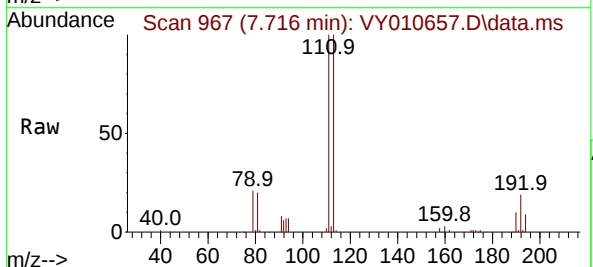
Tgt Ion:113 Resp: 90944

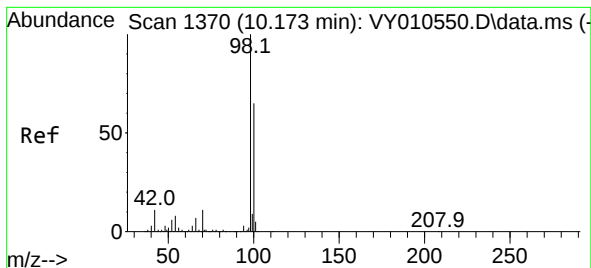
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 19.1 17.6 26.4

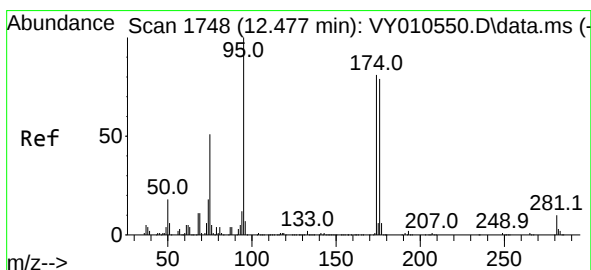
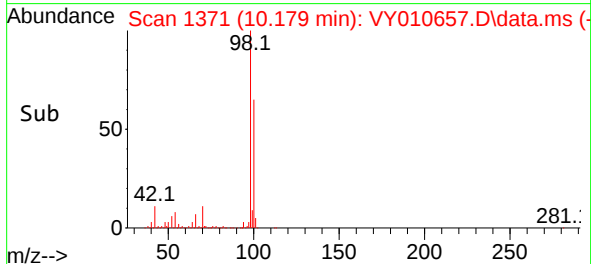
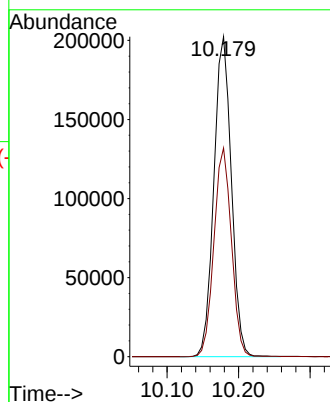
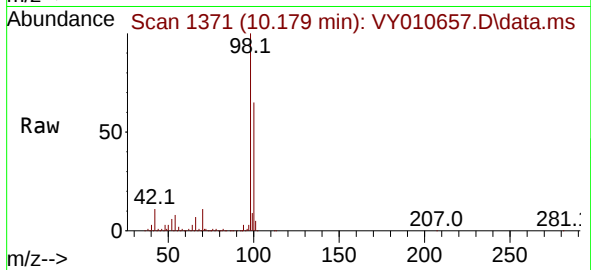




#50
Toluene-d8
Concen: 38.527 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

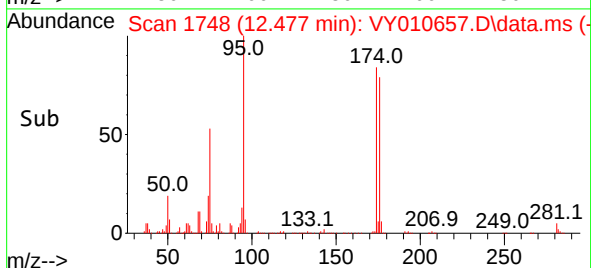
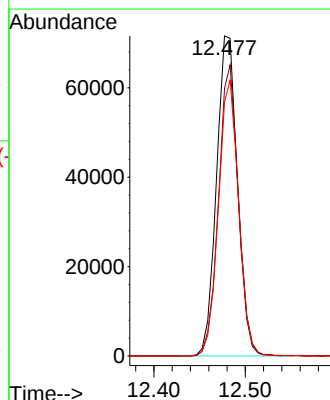
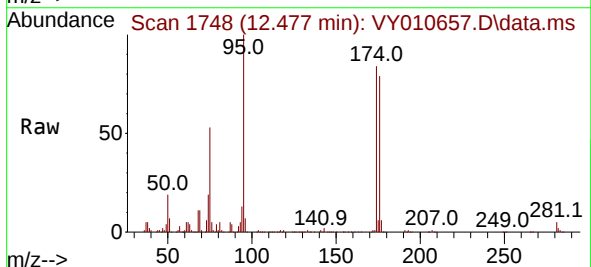
Instrument :
MSVOA_Y
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SB-04-12.5-13.0

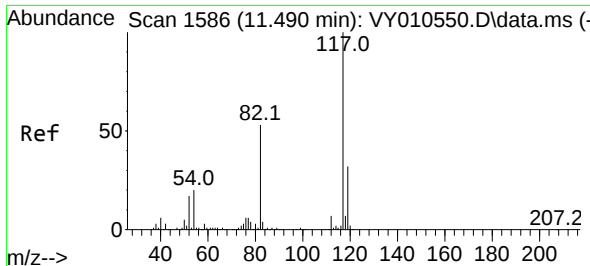
Tgt Ion: 98 Resp: 343237
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

Tgt Ion: 95 Resp: 113855
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.1 0.0 175.8

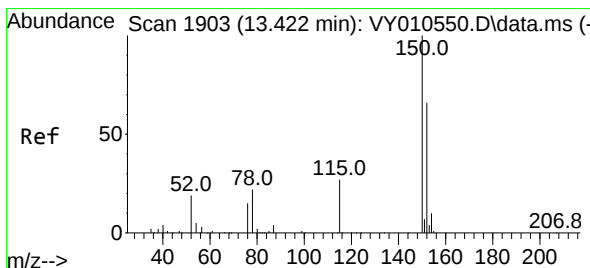
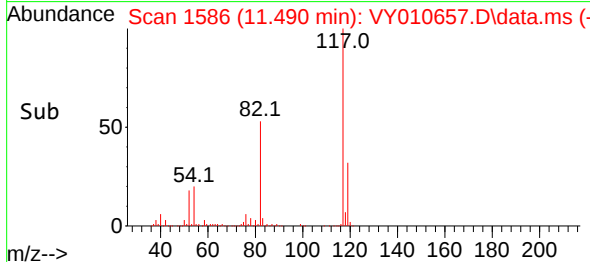
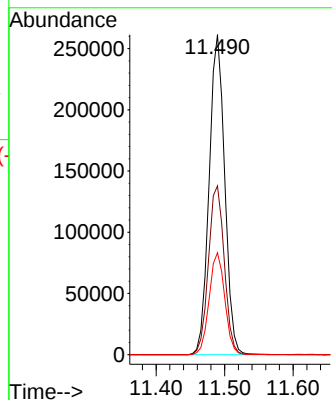
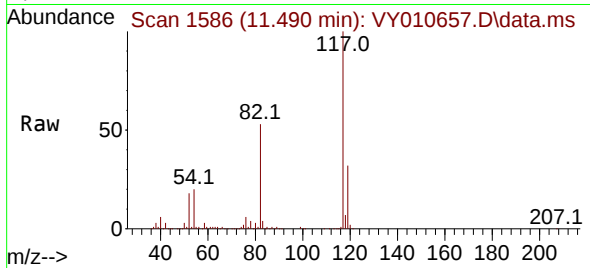




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12.5-13.0

Tgt Ion:117 Resp: 413659
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010657.D
Acq: 23 Sep 2022 18:30

Tgt Ion:152 Resp: 200247
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.8 0.0 347.6

