

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010555.D
 Acq On : 19 Sep 2022 16:51
 Operator : KP/MD
 Sample : VY0919SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBL01

Quant Time: Sep 20 01:04:37 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	261081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	380553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	139355	55.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.710	113	131240	47.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.173	98	504015	49.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.477	95	165091	43.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.300%

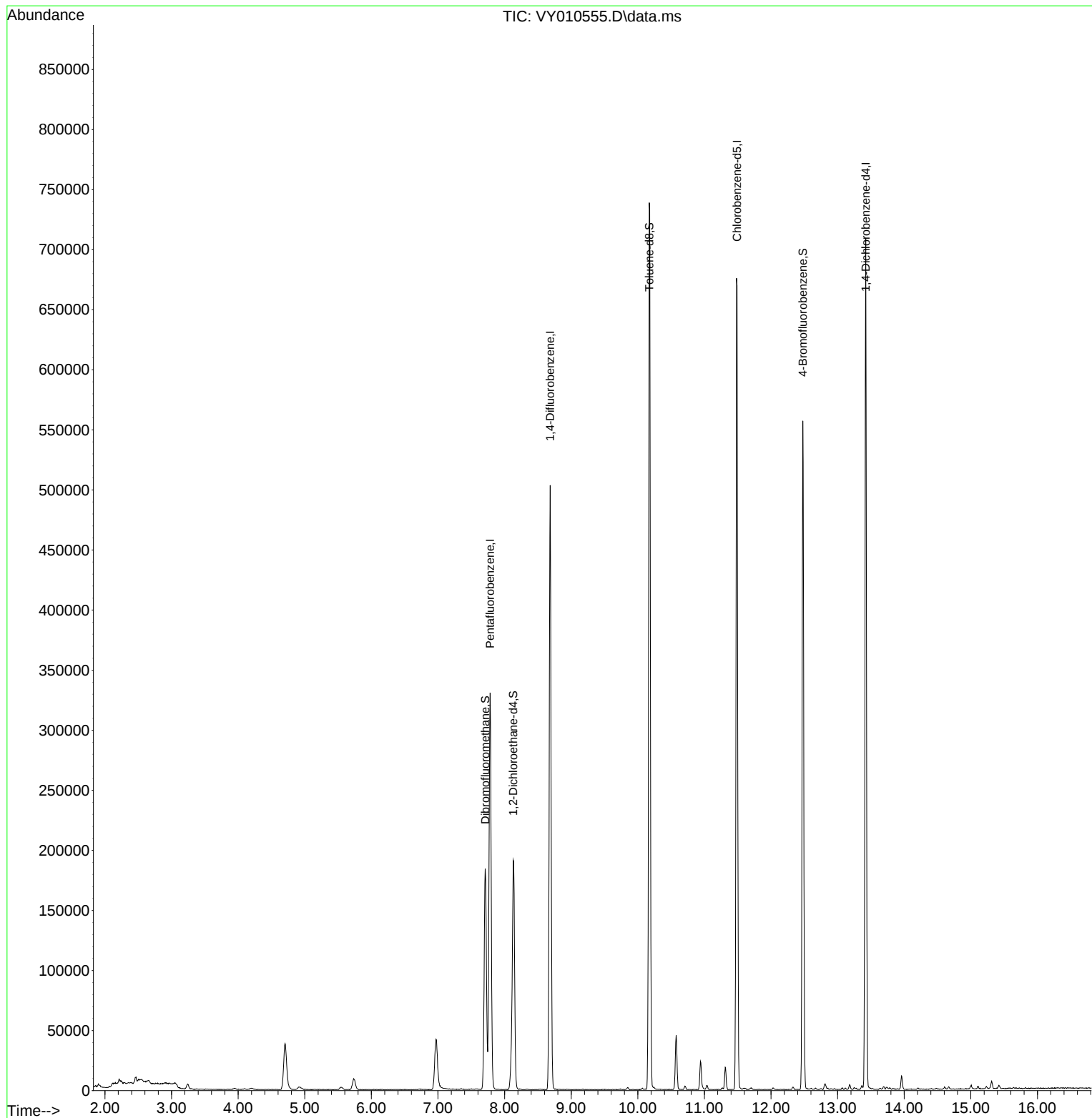
Target Compounds	Qvalue

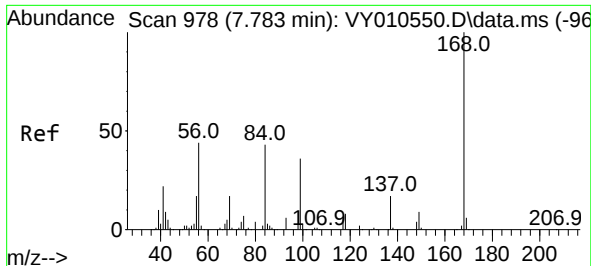
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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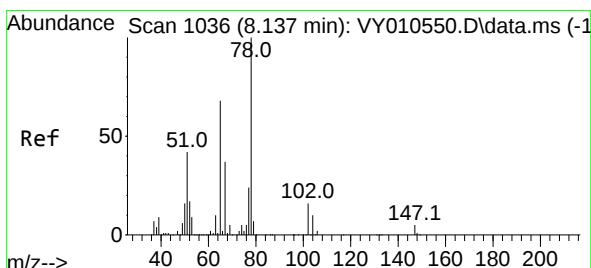
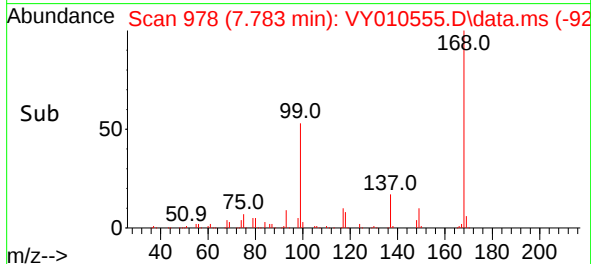
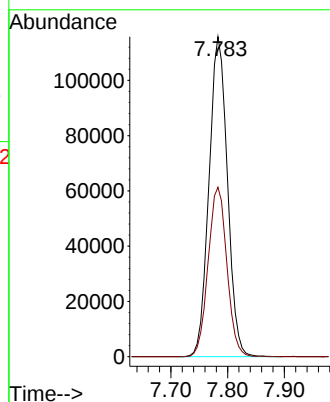
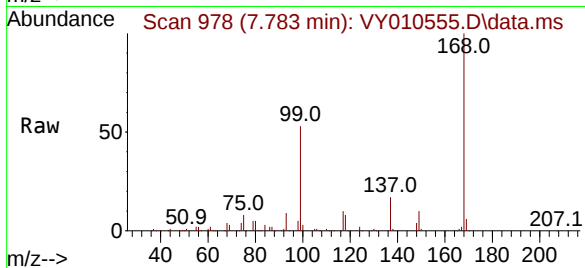




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010555.D
Acq: 19 Sep 2022 16:51

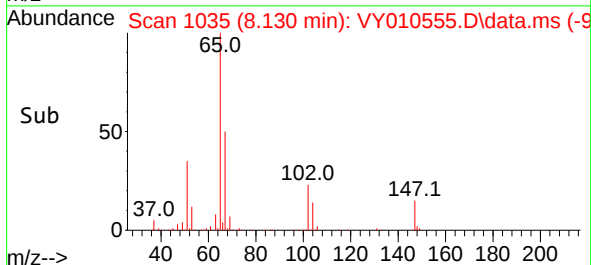
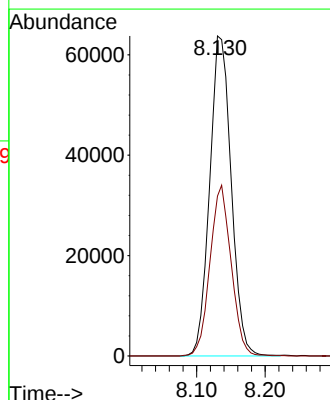
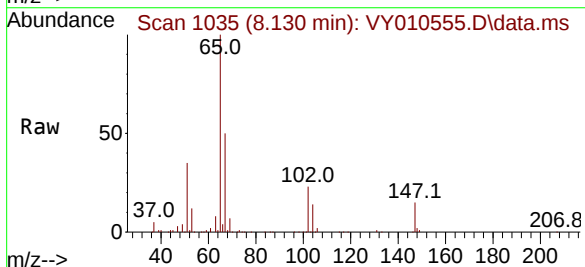
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBL01

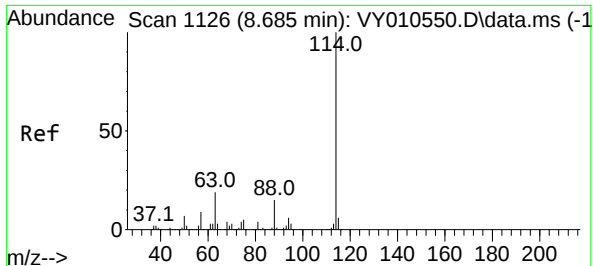
Tgt Ion:168 Resp: 261081
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.805 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010555.D
Acq: 19 Sep 2022 16:51

Tgt Ion: 65 Resp: 139355
Ion Ratio Lower Upper
65 100
67 52.4 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: VY010555.D

Acq: 19 Sep 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBL01

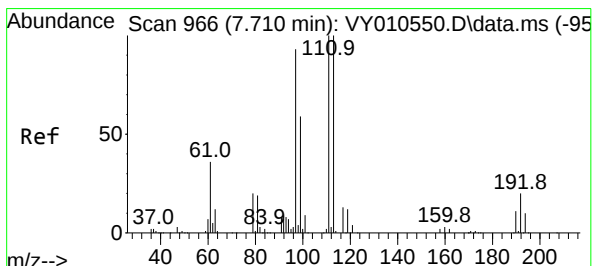
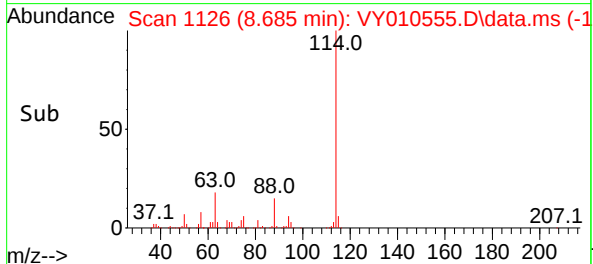
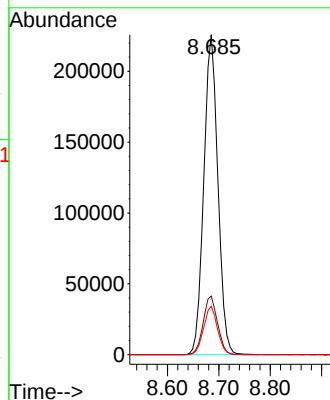
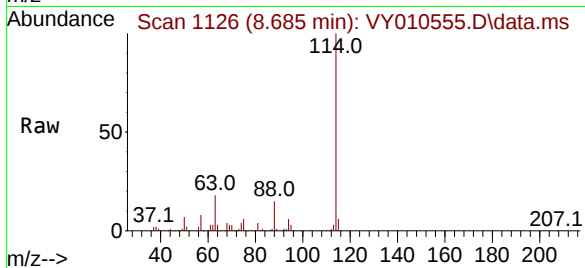
Tgt Ion:114 Resp: 428722

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.966 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010555.D

Acq: 19 Sep 2022 16:51

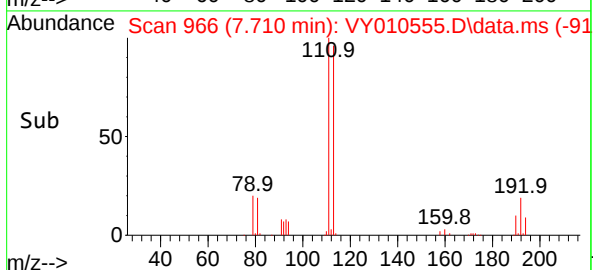
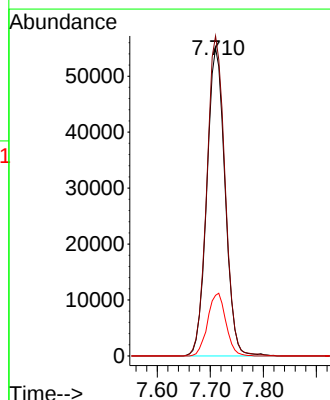
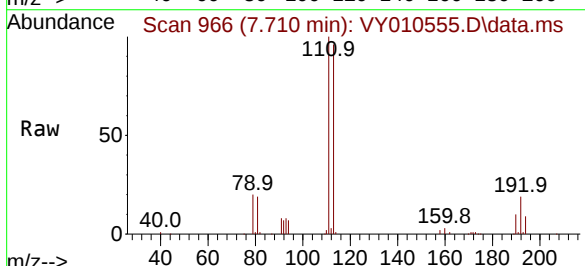
Tgt Ion:113 Resp: 131240

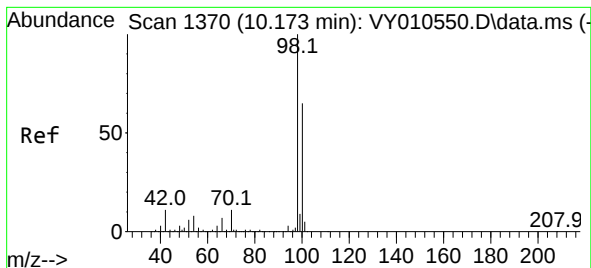
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.3 17.6 26.4

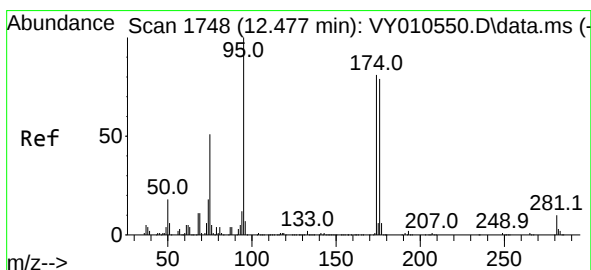
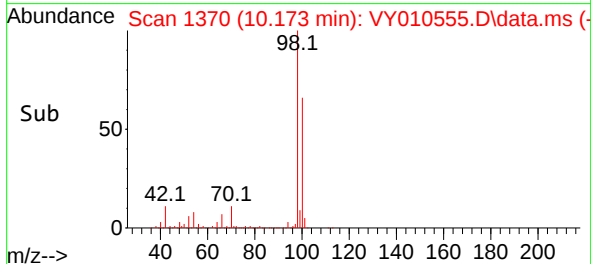
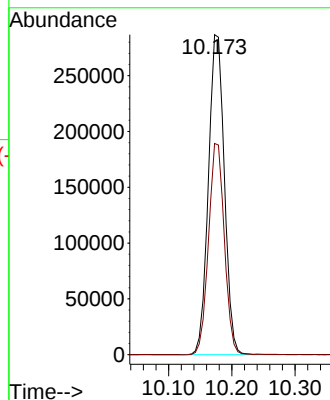
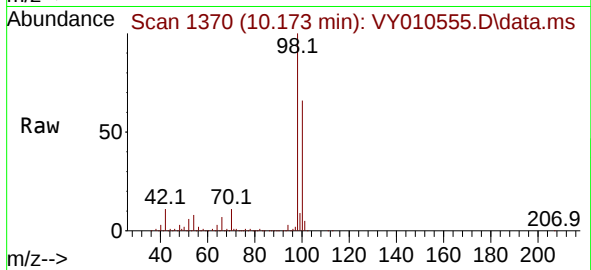




#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010555.D
Acq: 19 Sep 2022 16:51

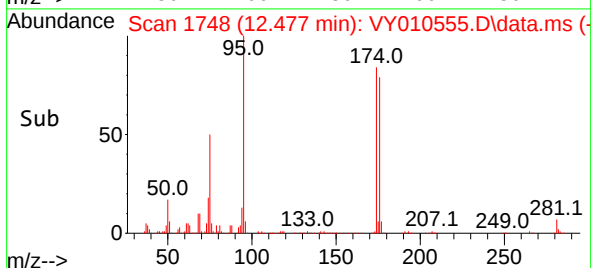
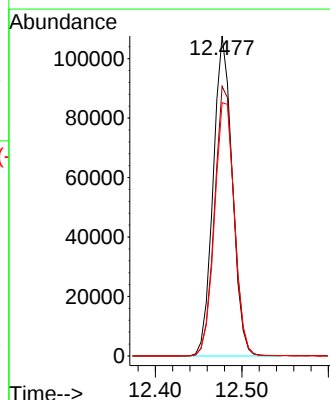
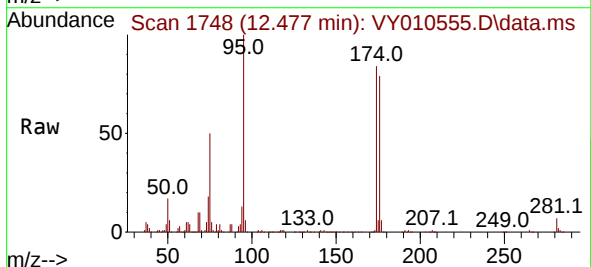
Instrument :
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VY0919SBL01

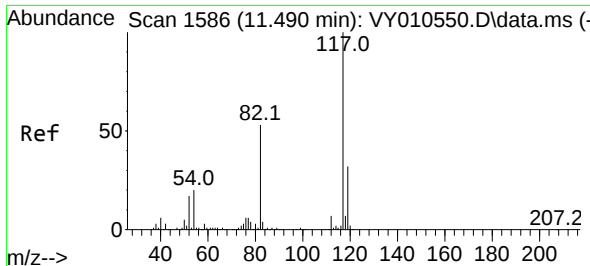
Tgt Ion: 98 Resp: 504015
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.648 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010555.D
Acq: 19 Sep 2022 16:51

Tgt Ion: 95 Resp: 165091
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.7 0.0 175.8

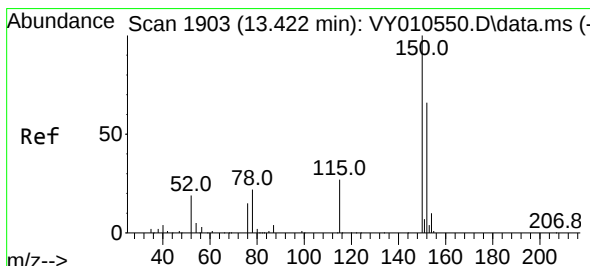
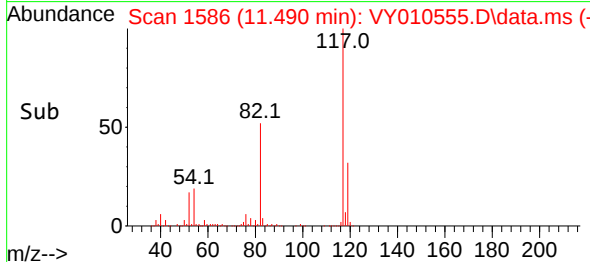
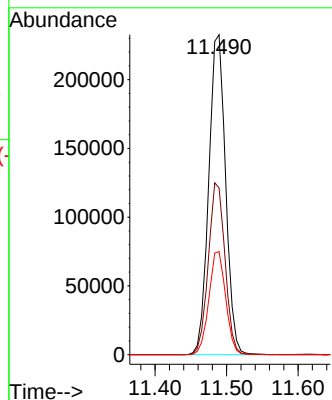
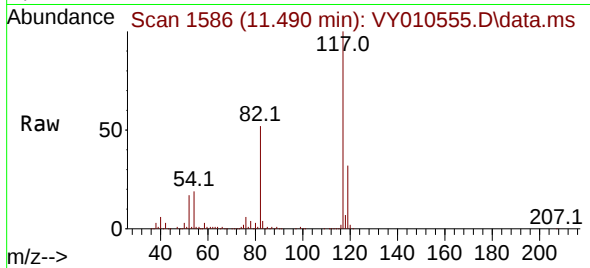




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010555.D
Acq: 19 Sep 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBL01

Tgt Ion:117 Resp: 380553
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.2 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: VY010555.D
Acq: 19 Sep 2022 16:51

Tgt Ion:152 Resp: 177969
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.6 0.0 347.6

