

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010658.D
 Acq On : 23 Sep 2022 18:53
 Operator : KP/MD
 Sample : N4724-15
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

Quant Time: Sep 24 01:24:03 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	189961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	394478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91289	50.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.480%
35) Dibromofluoromethane	7.716	113	85257	35.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.740%
50) Toluene-d8	10.179	98	331794	38.540	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.080%
62) 4-Bromofluorobenzene	12.483	95	107731	32.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.160%

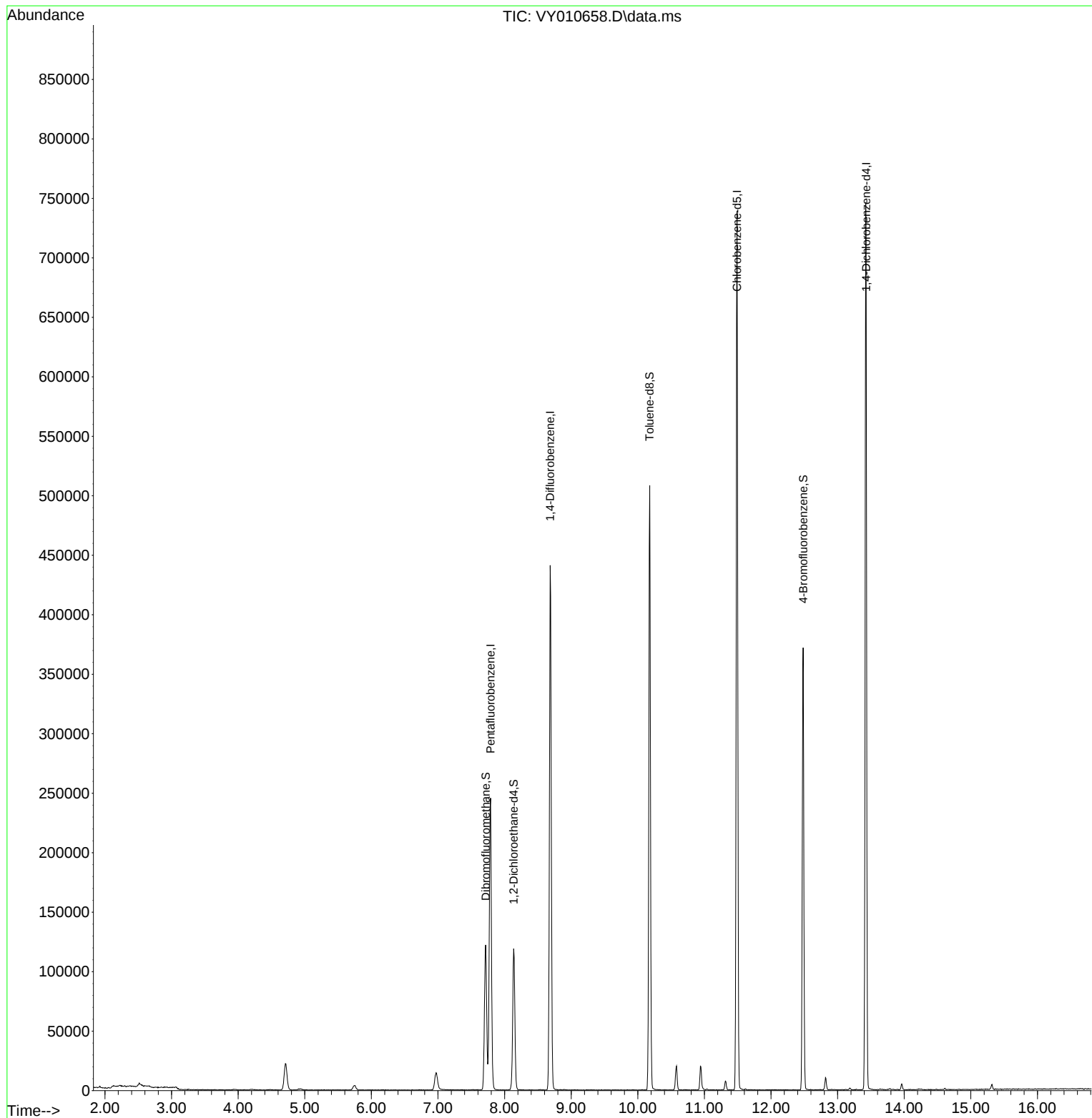
Target Compounds	Qvalue

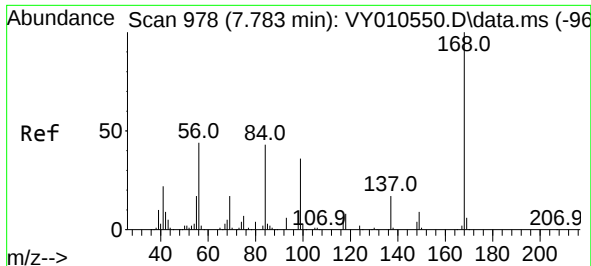
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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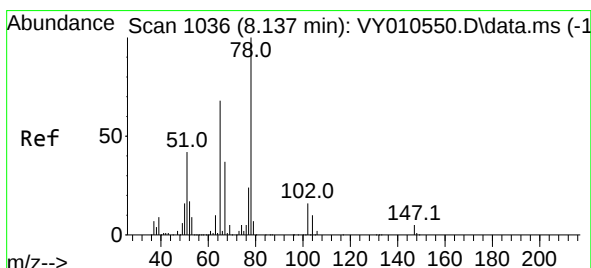
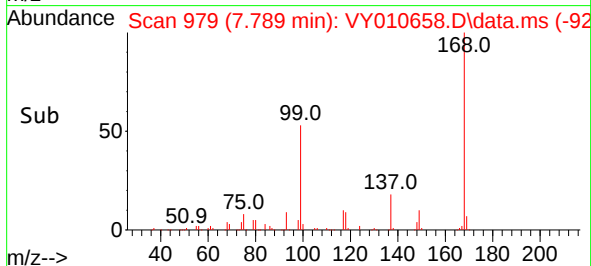
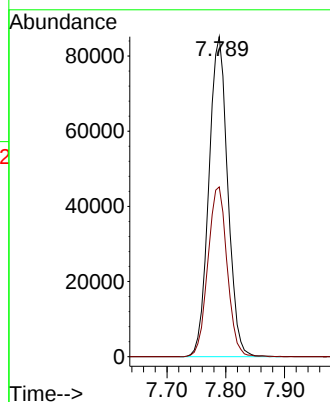
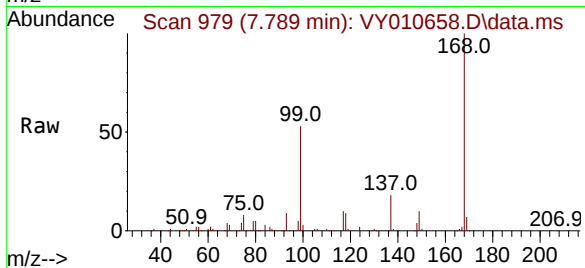




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010658.D
Acq: 23 Sep 2022 18:53

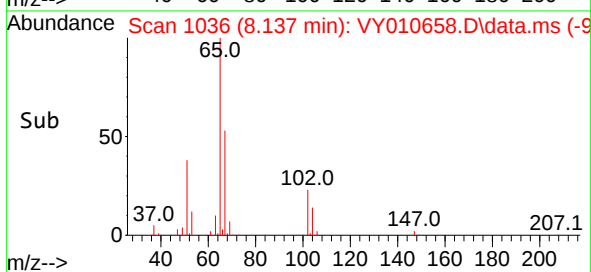
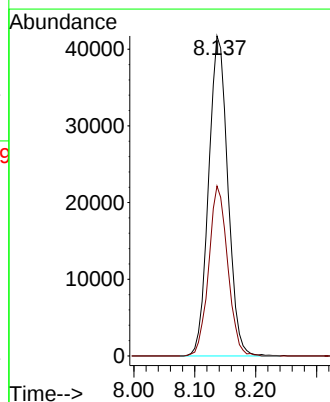
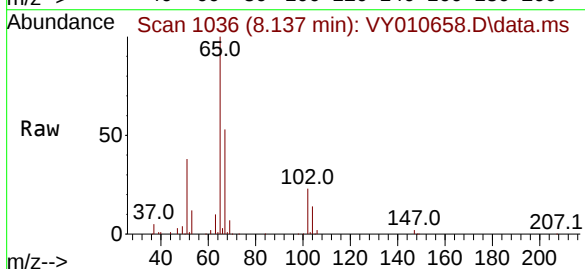
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

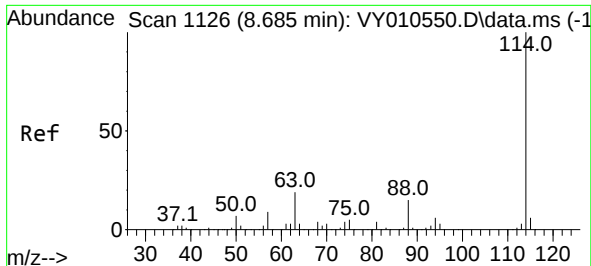
Tgt Ion:168 Resp: 189961
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.243 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010658.D
Acq: 23 Sep 2022 18:53

Tgt Ion: 65 Resp: 91289
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010658.D

Acq: 23 Sep 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-7.5-8.0

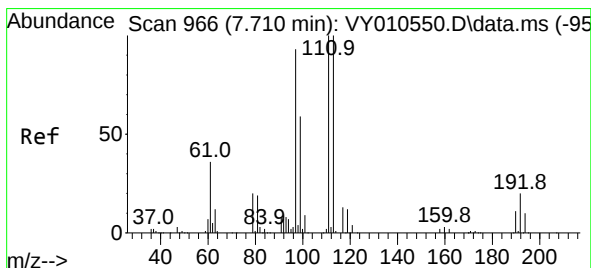
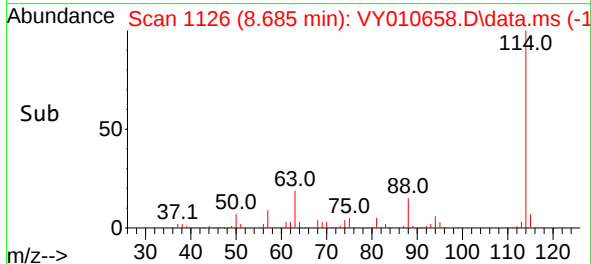
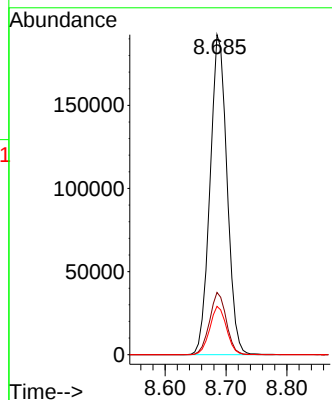
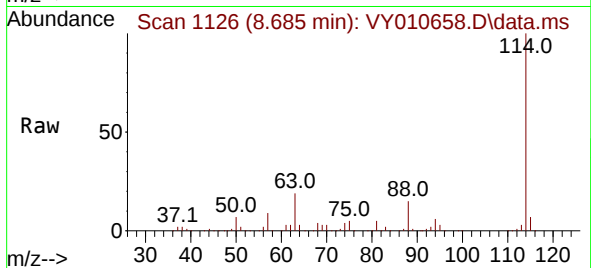
Tgt Ion:114 Resp: 372377

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 35.875 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010658.D

Acq: 23 Sep 2022 18:53

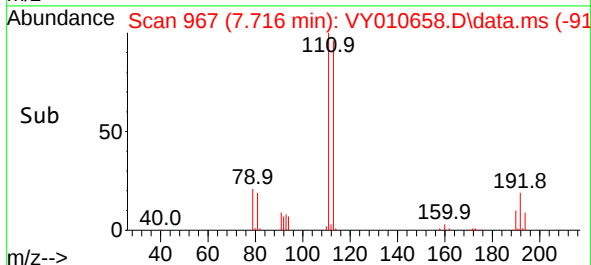
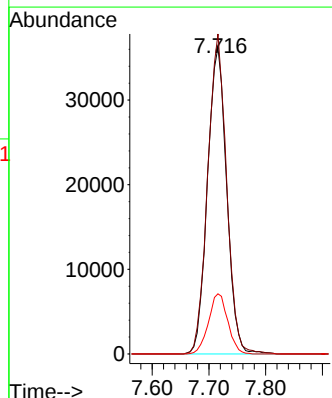
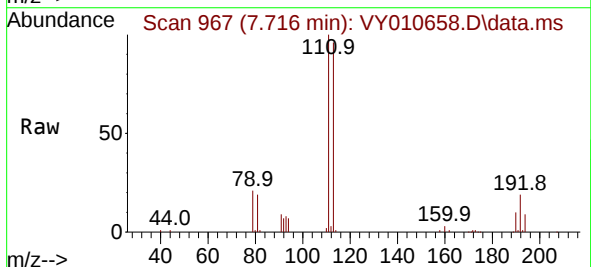
Tgt Ion:113 Resp: 85257

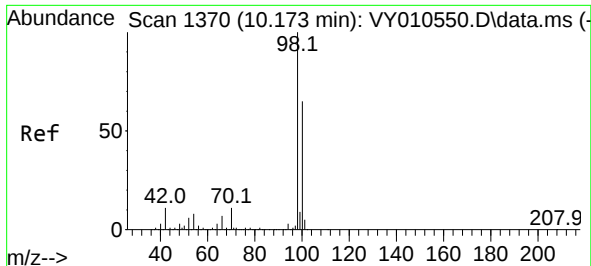
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.7 17.6 26.4

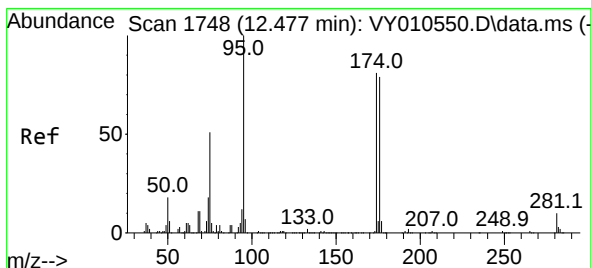
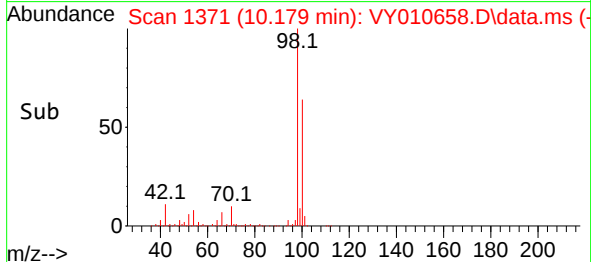
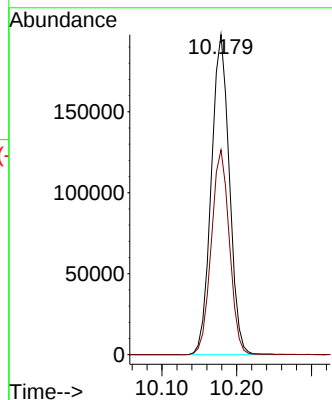
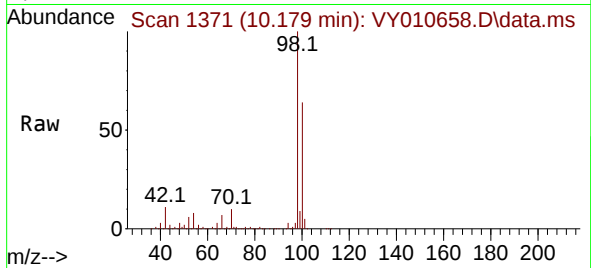




#50
Toluene-d8
Concen: 38.540 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010658.D
Acq: 23 Sep 2022 18:53

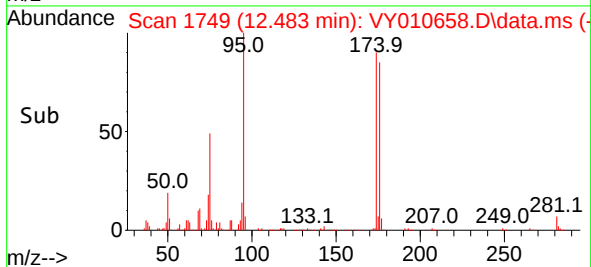
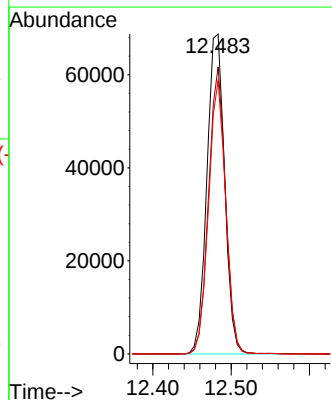
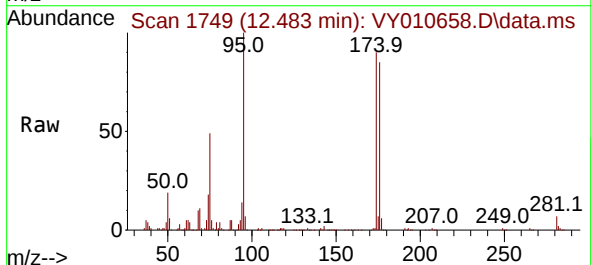
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

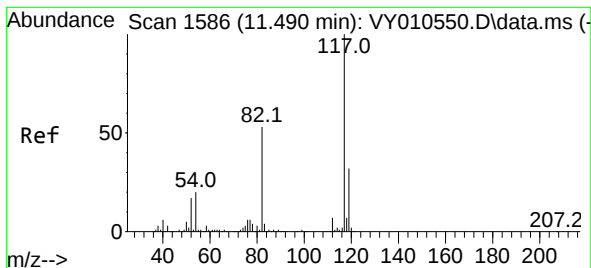
Tgt Ion: 98 Resp: 331794
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010658.D
Acq: 23 Sep 2022 18:53

Tgt Ion: 95 Resp: 107731
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.8 0.0 175.8

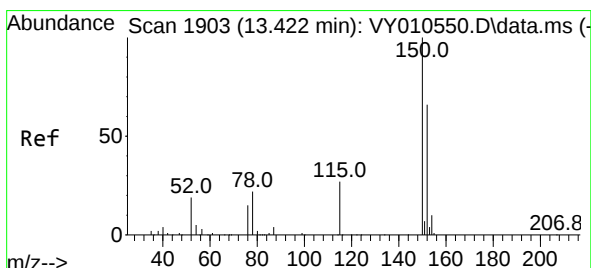
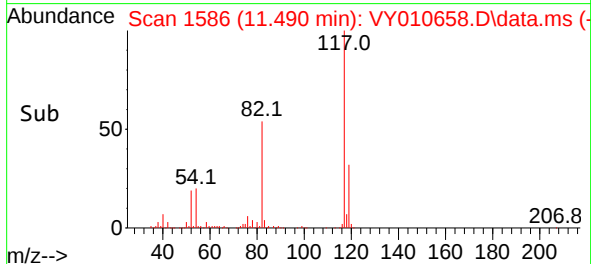
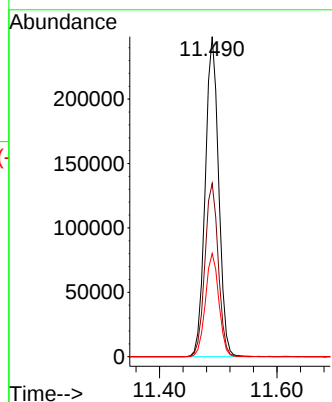
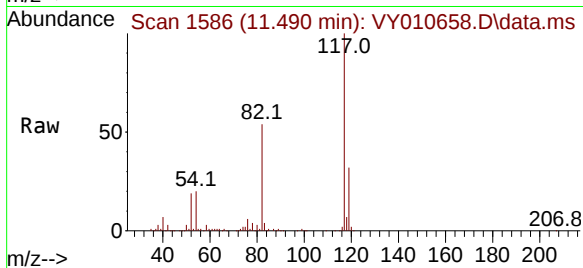




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010658.D
Acq: 23 Sep 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

Tgt Ion:117 Resp: 394478
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 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: VY010658.D
Acq: 23 Sep 2022 18:53

Tgt Ion:152 Resp: 192515
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 155.9 0.0 347.6

