

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010645.D
 Acq On : 23 Sep 2022 13:49
 Operator : KP/MD
 Sample : N4742-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-6.5-7.0

Quant Time: Sep 24 01:21:06 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)

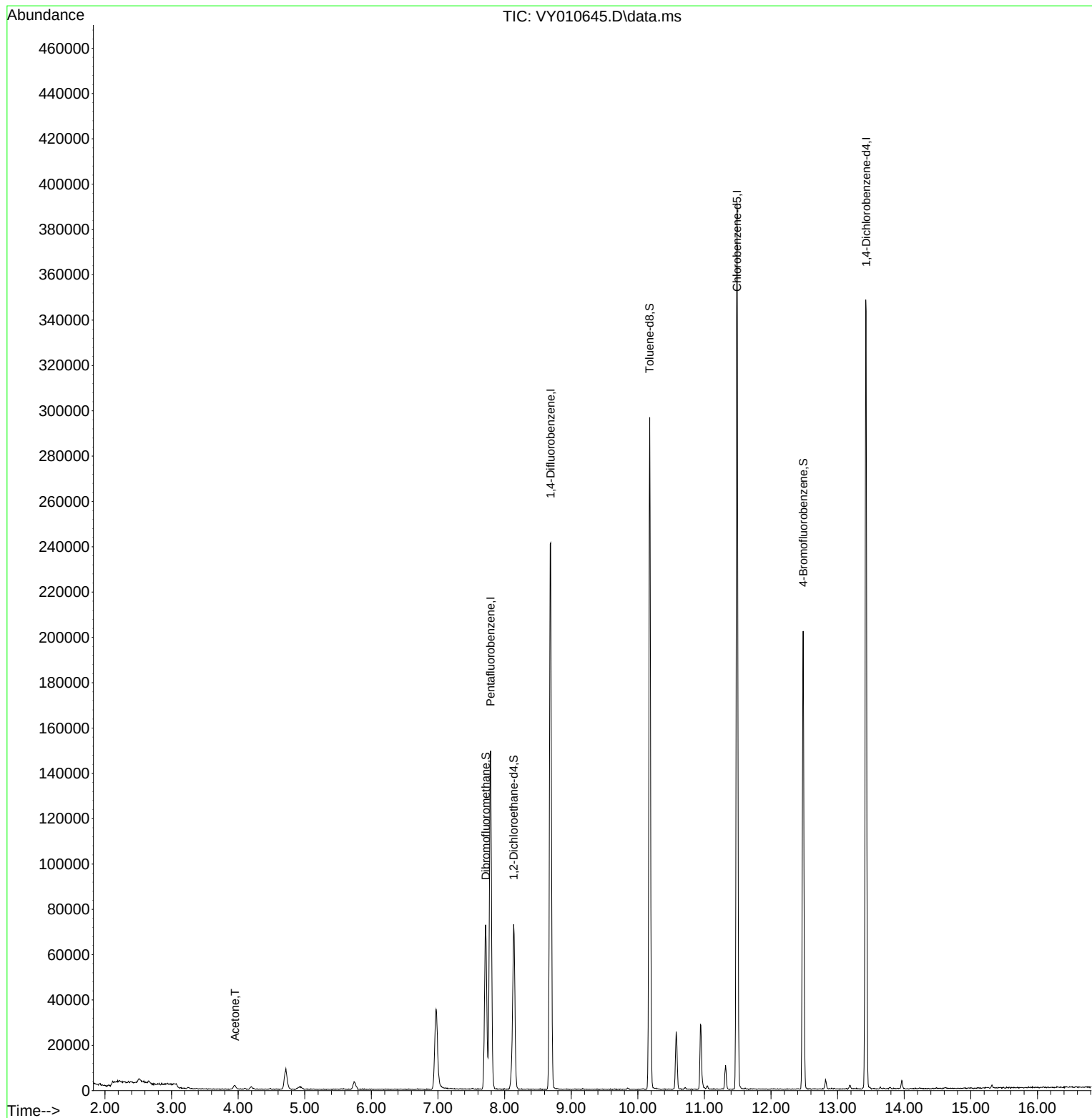
Internal Standards						
1) Pentafluorobenzene	7.789	168	115310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52358	47.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.940%
35) Dibromofluoromethane	7.716	113	50863	37.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.560%
50) Toluene-d8	10.179	98	192686	38.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.900%
62) 4-Bromofluorobenzene	12.483	95	57704	29.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.480%
Target Compounds						
16) Acetone	3.954	43	2998	13.330	ug/l	Qvalue 92

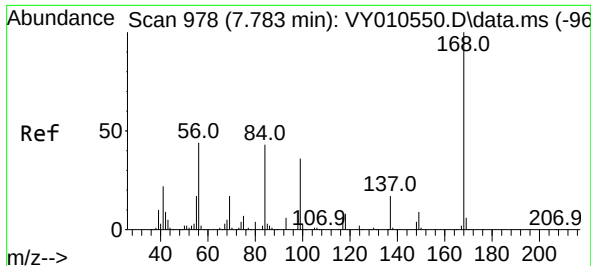
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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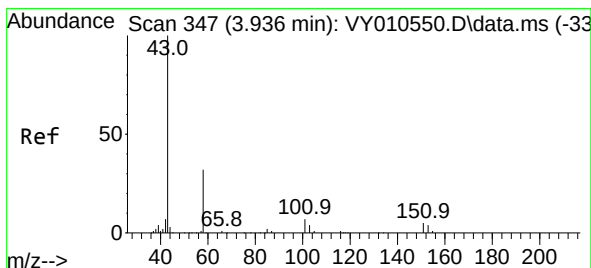
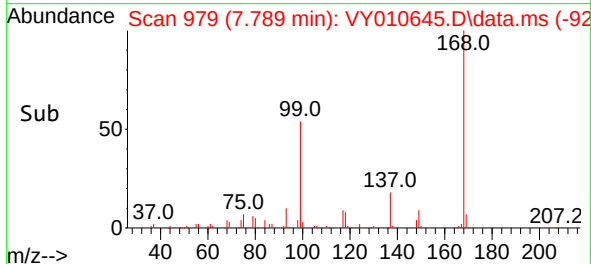
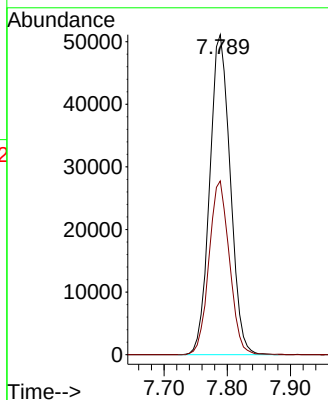
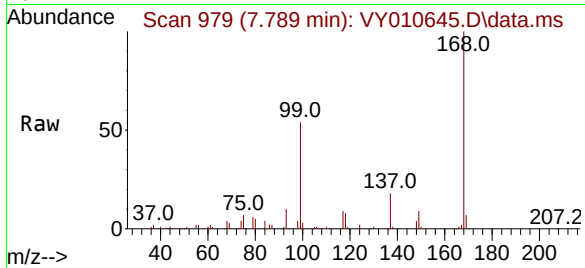




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

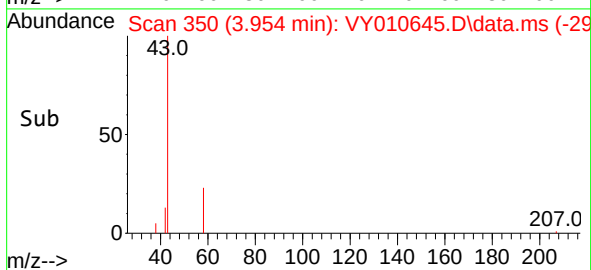
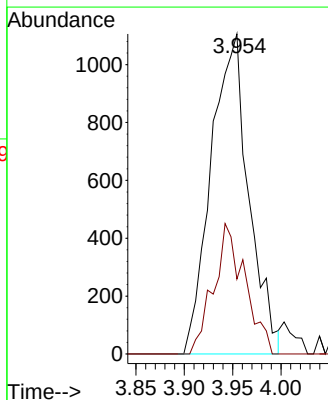
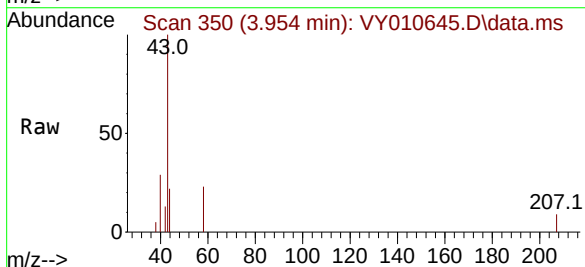
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-6.5-7.0

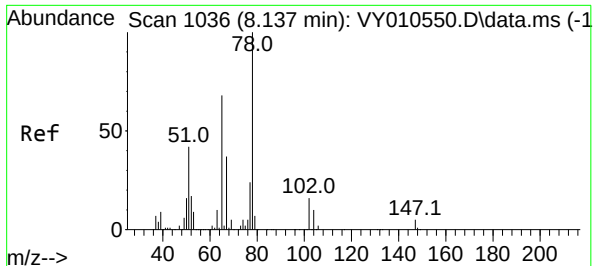
Tgt Ion:168 Resp: 115310
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 13.330 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
58 23.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010645.D

Acq: 23 Sep 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

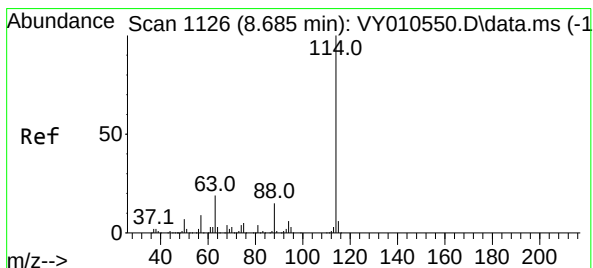
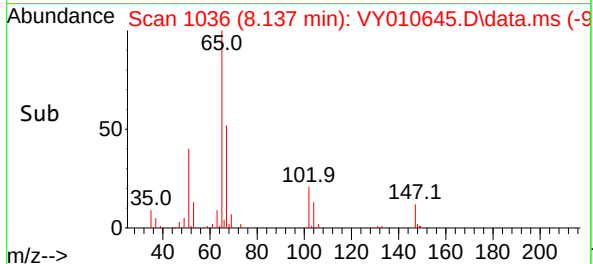
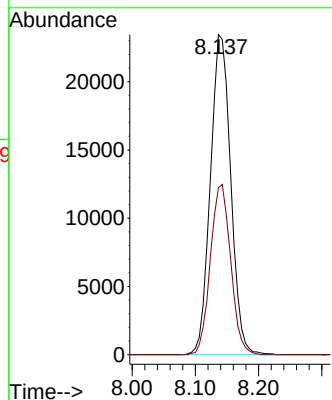
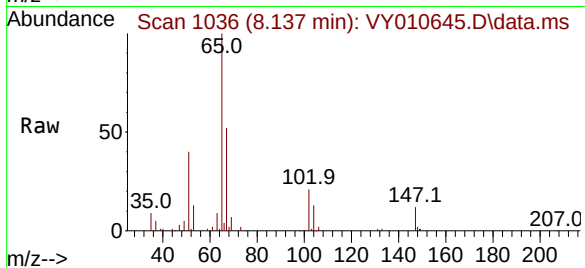
SB-08-6.5-7.0

Tgt Ion: 65 Resp: 52358

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010645.D

Acq: 23 Sep 2022 13:49

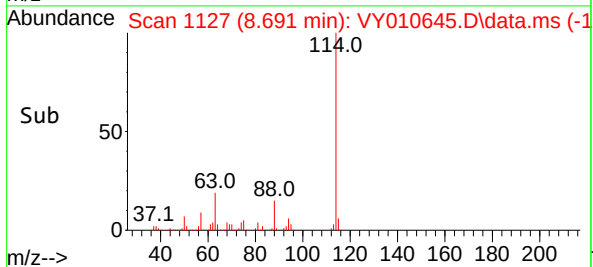
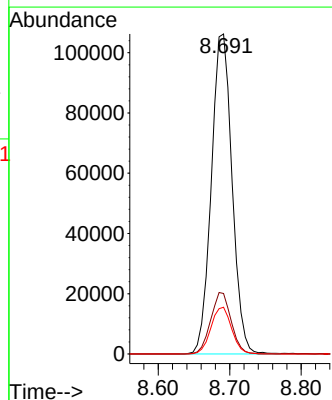
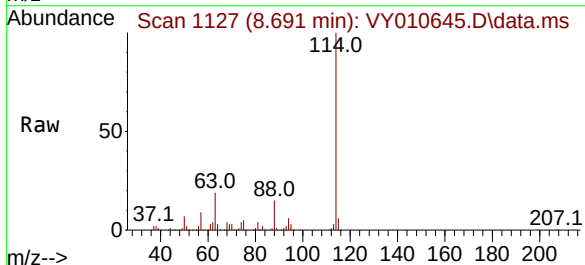
Tgt Ion: 114 Resp: 213782

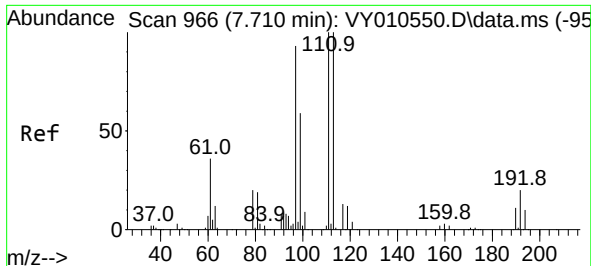
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8

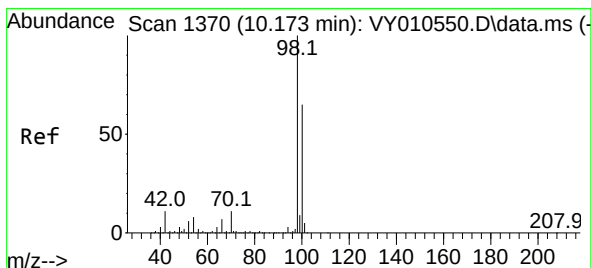
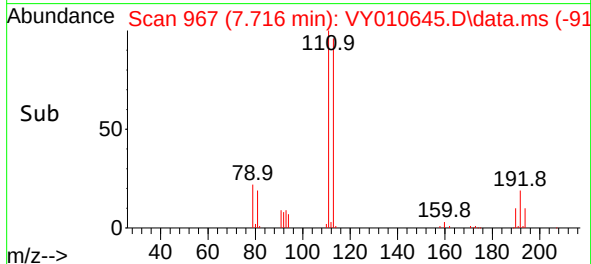
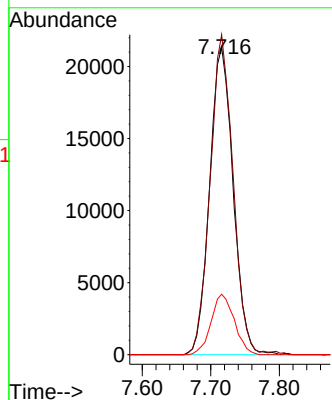
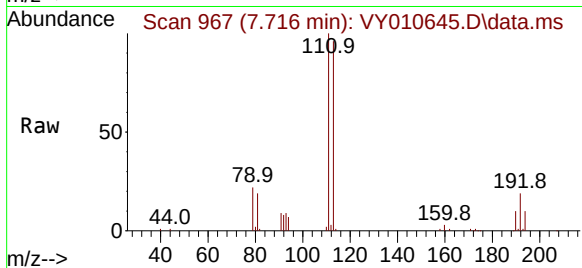




#35
Dibromofluoromethane
Concen: 37.280 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

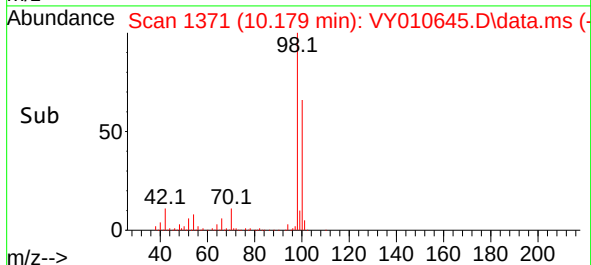
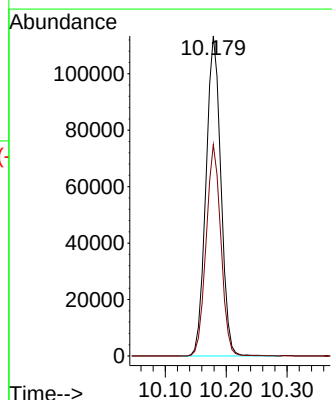
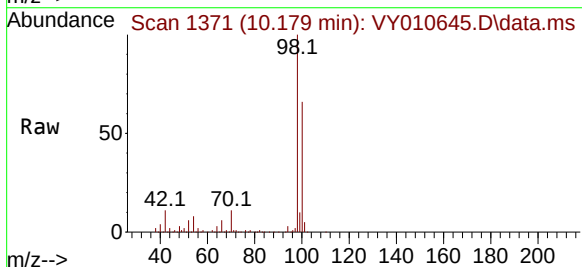
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-6.5-7.0

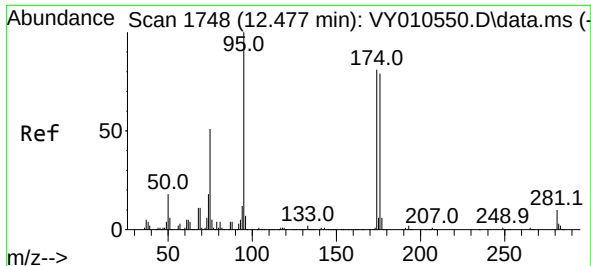
Tgt Ion:113 Resp: 50863
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 38.949 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 98 Resp: 192686
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

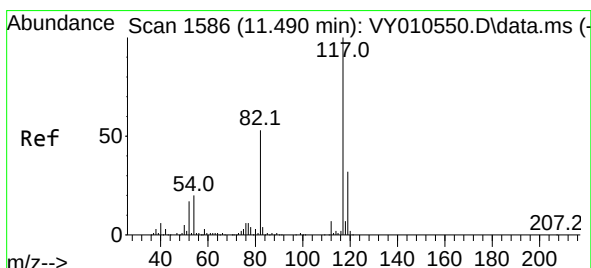
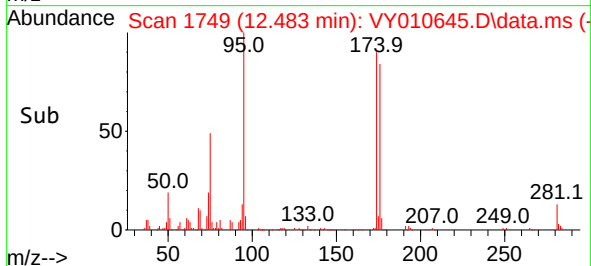
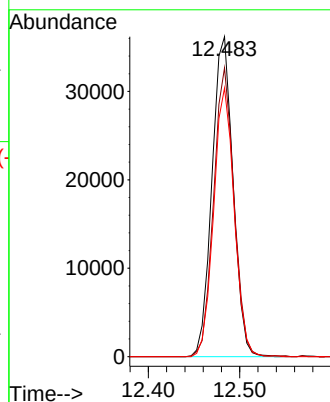
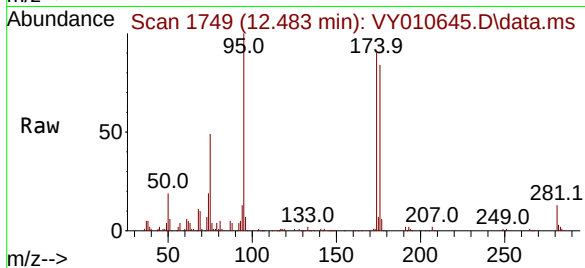




#62
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

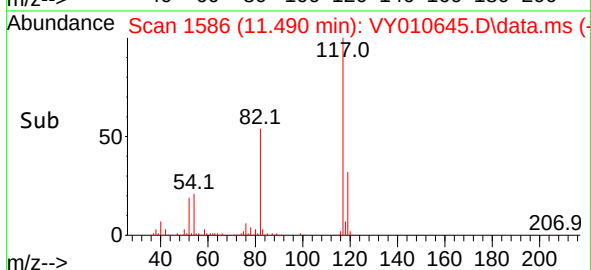
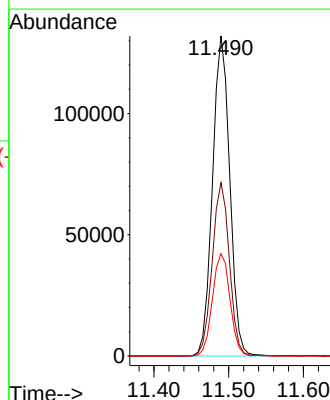
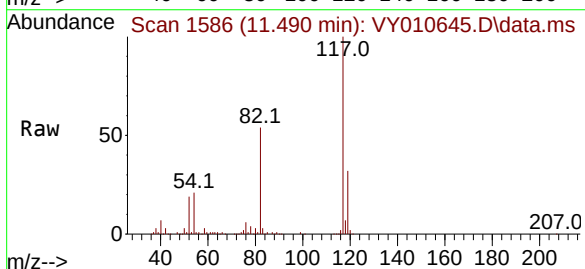
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-6.5-7.0

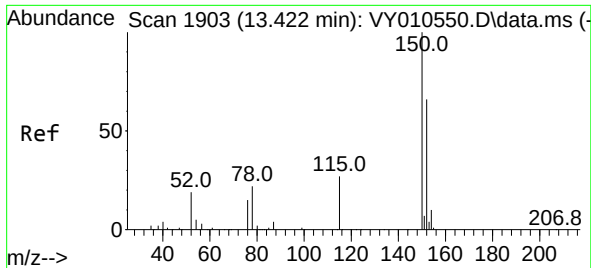
Tgt Ion: 95 Resp: 57704
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010645.D
Acq: 23 Sep 2022 13:49

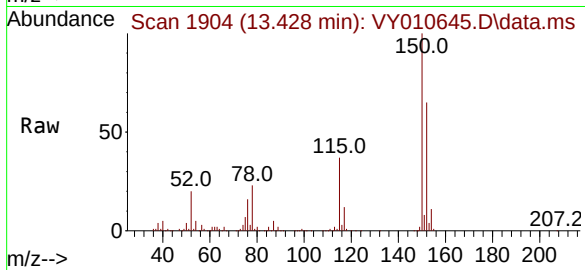
Tgt Ion: 117 Resp: 211423
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010645.D
 Acq: 23 Sep 2022 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-6.5-7.0



Tgt Ion:152 Resp: 91758
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 156.9 0.0 347.6

