

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010621.D
 Acq On : 22 Sep 2022 14:42
 Operator : KP/MD
 Sample : N4723-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-6.5-7.0

Quant Time: Sep 23 09:02:49 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)

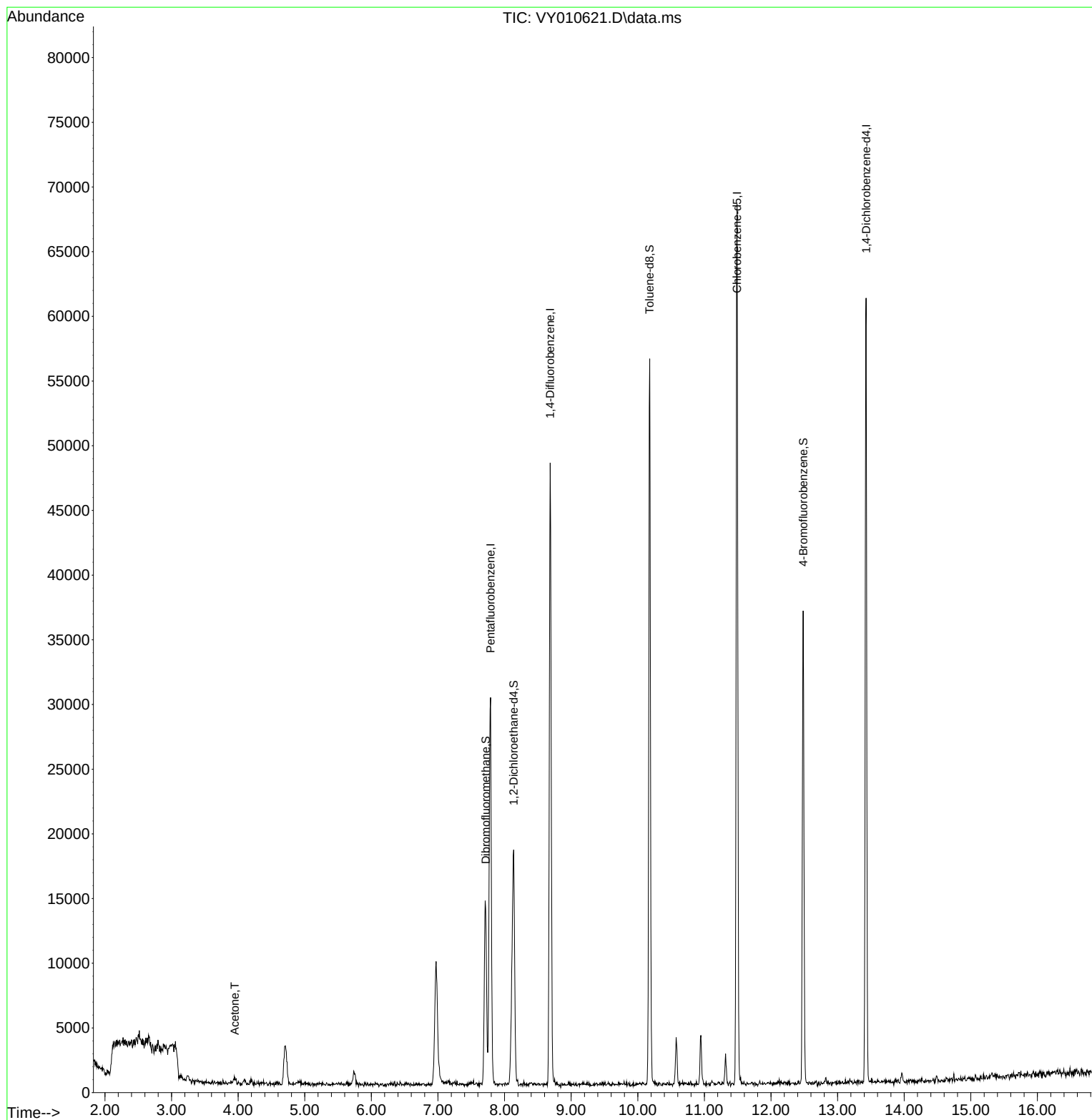
Internal Standards						
1) Pentafluorobenzene	7.789	168	24019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	39375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	12271	53.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.820%	
35) Dibromofluoromethane	7.716	113	9976	37.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.680%	
50) Toluene-d8	10.179	98	37748	38.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.940%	
62) 4-Bromofluorobenzene	12.483	95	11018	28.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.860%	
Target Compounds						
16) Acetone	3.948	43	774	16.521	ug/l	Qvalue # 73

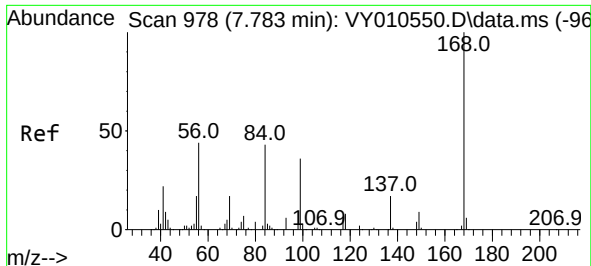
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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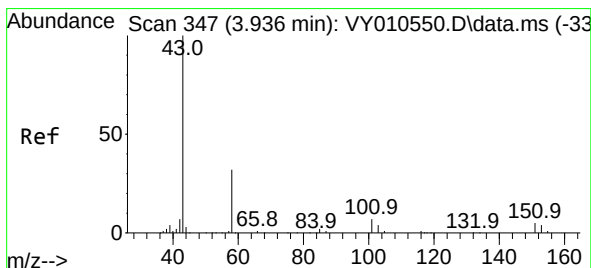
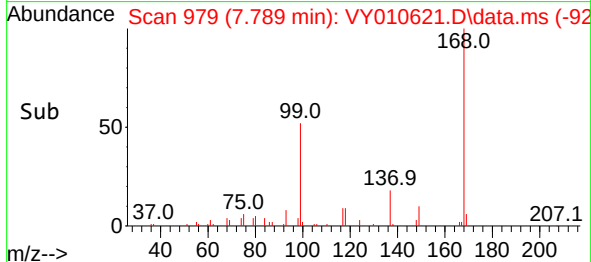
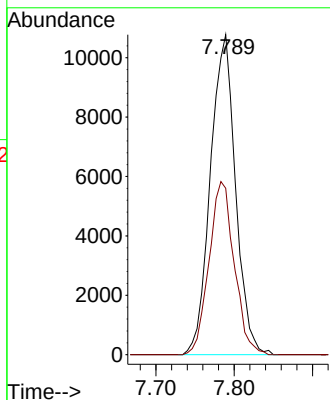
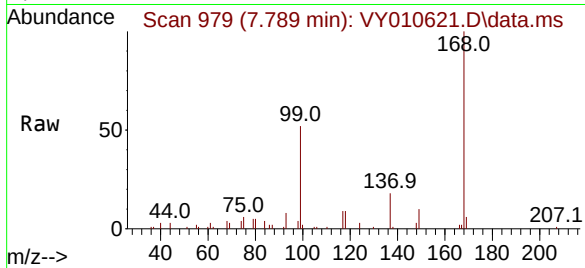




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010621.D
Acq: 22 Sep 2022 14:42

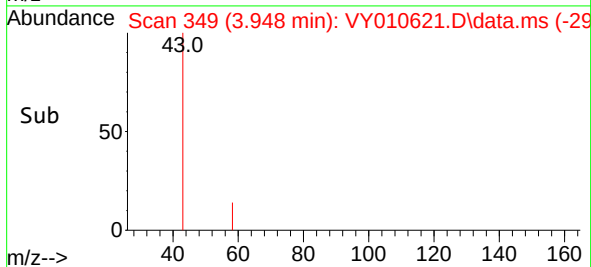
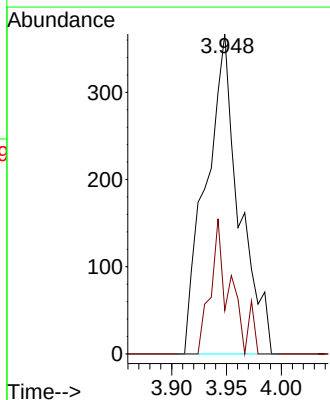
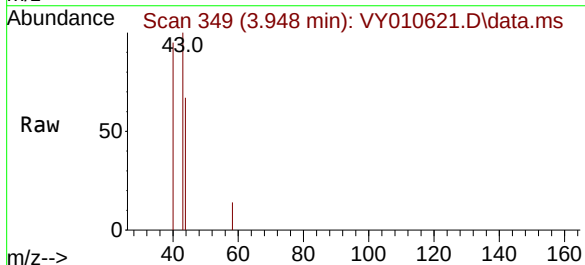
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

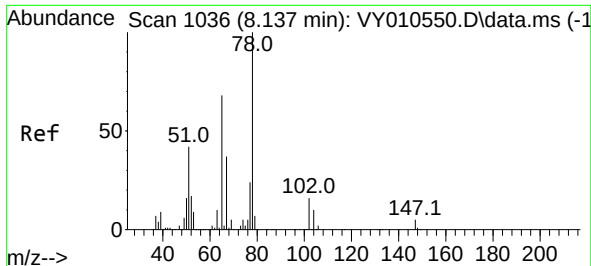
Tgt Ion:168 Resp: 24019
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 16.521 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010621.D
Acq: 22 Sep 2022 14:42

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 13.6 22.0 33.0#

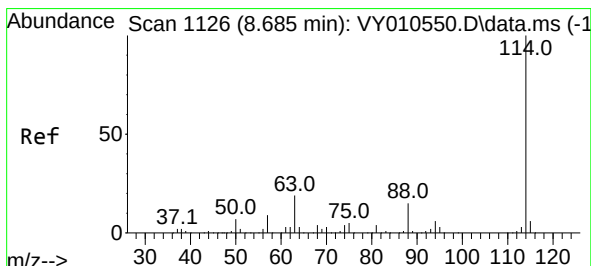
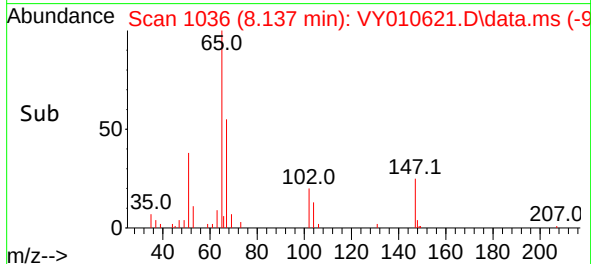
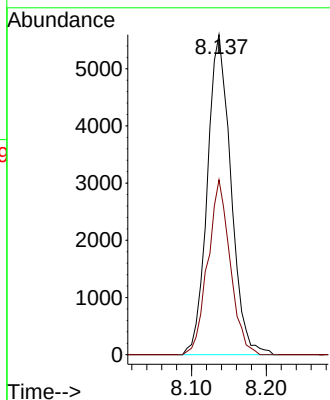
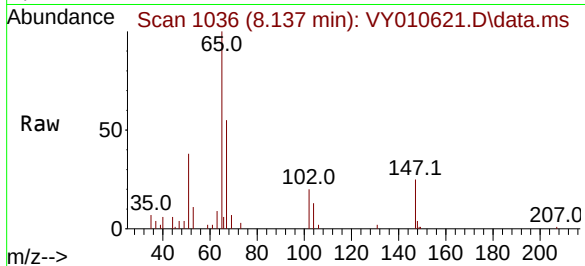




#33
 1,2-Dichloroethane-d4
 Concen: 53.413 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY010621.D
 Acq: 22 Sep 2022 14:42

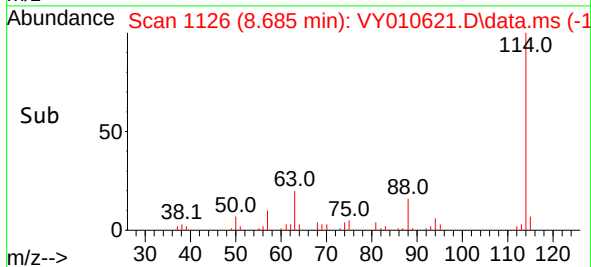
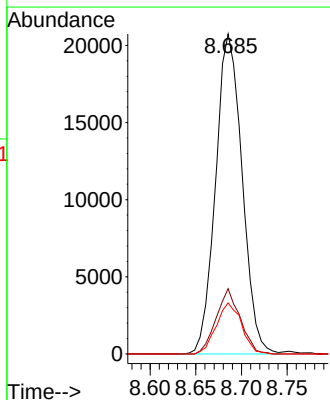
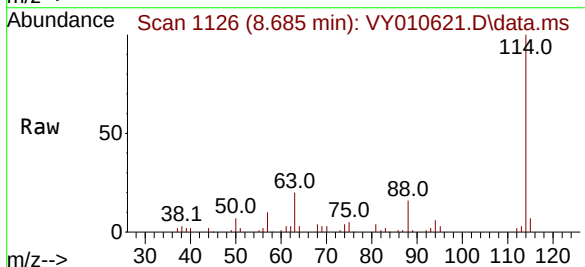
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-6.5-7.0

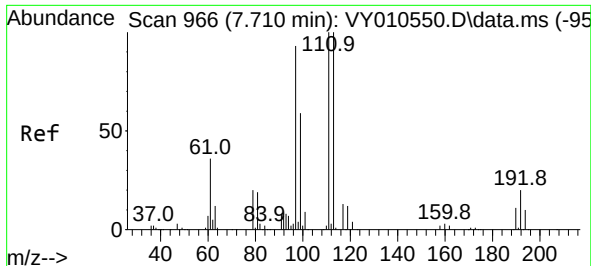
Tgt Ion: 65 Resp: 12271
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010621.D
 Acq: 22 Sep 2022 14:42

Tgt Ion: 114 Resp: 41859
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 16.0 0.0 31.8

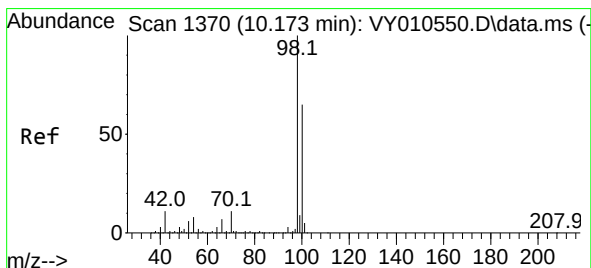
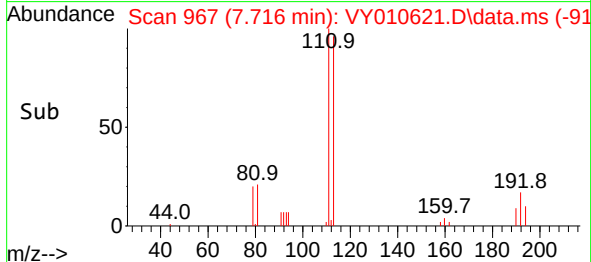
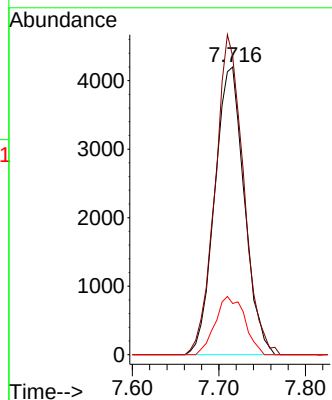
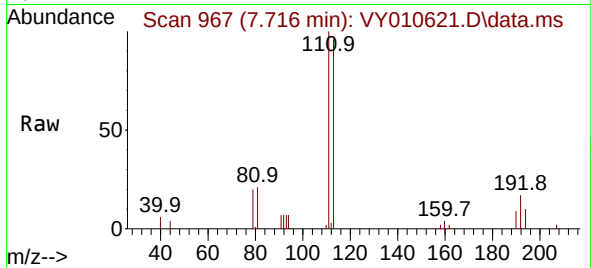




#35
Dibromofluoromethane
Concen: 37.343 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010621.D
Acq: 22 Sep 2022 14:42

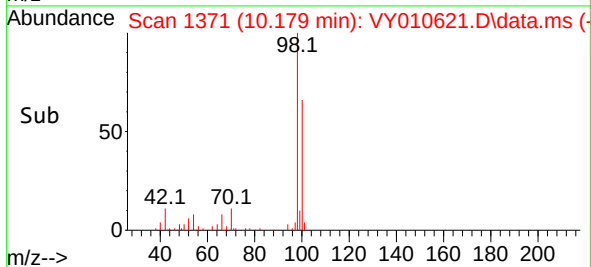
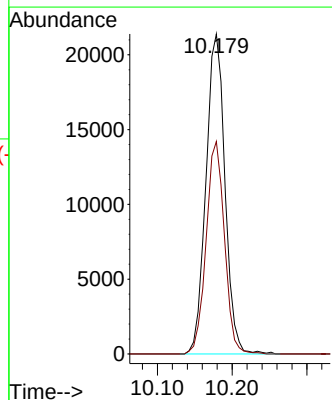
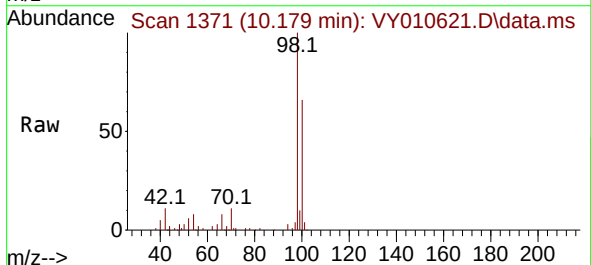
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

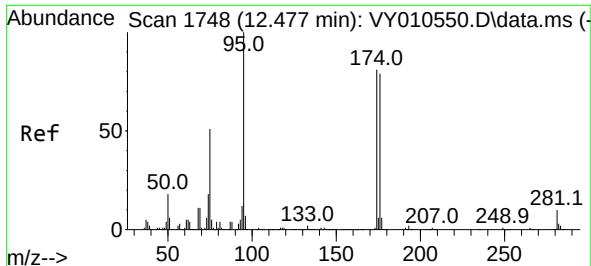
Tgt Ion:113 Resp: 9976
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 38.968 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010621.D
Acq: 22 Sep 2022 14:42

Tgt Ion: 98 Resp: 37748
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 28.931 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010621.D

Acq: 22 Sep 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-6.5-7.0

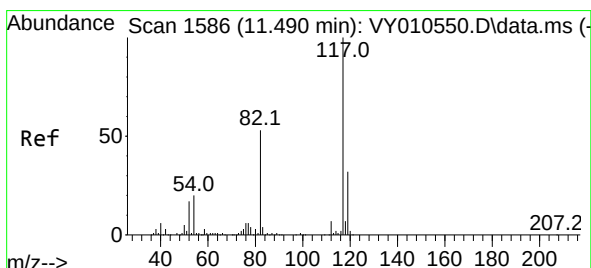
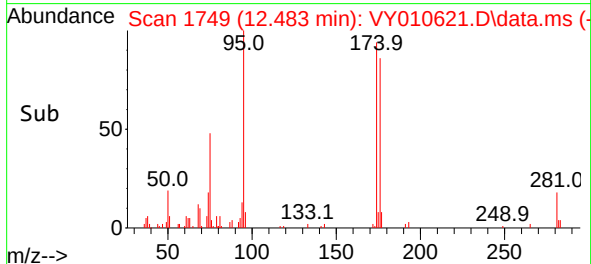
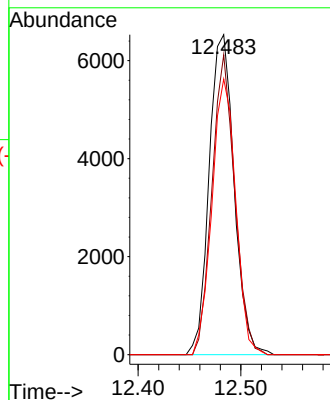
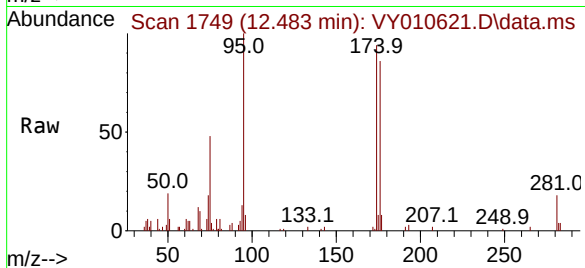
Tgt Ion: 95 Resp: 11018

Ion Ratio Lower Upper

95 100

174 85.6 0.0 177.0

176 82.1 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: VY010621.D

Acq: 22 Sep 2022 14:42

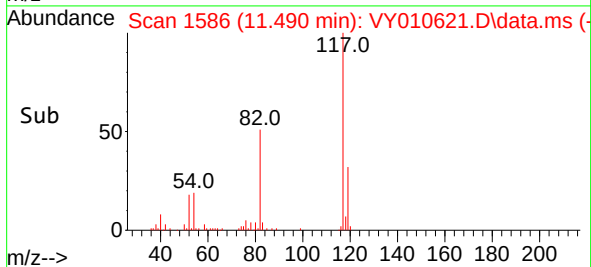
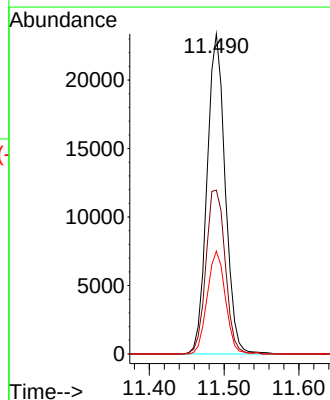
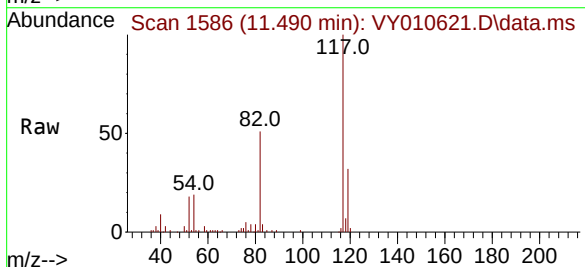
Tgt Ion: 117 Resp: 39375

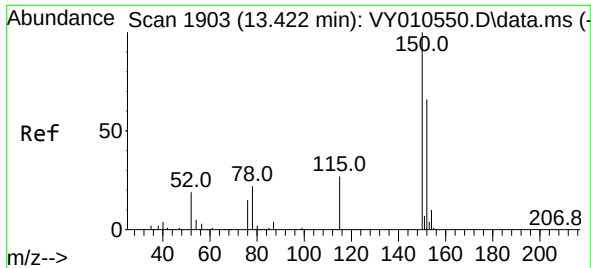
Ion Ratio Lower Upper

117 100

82 51.2 43.0 64.4

119 32.1 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: VY010621.D

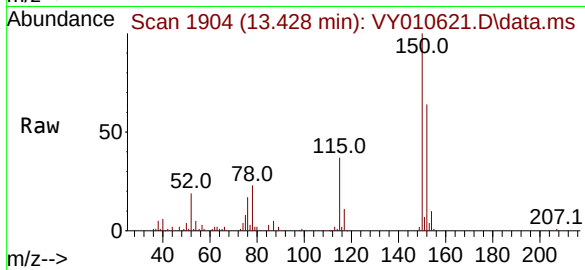
Acq: 22 Sep 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-6.5-7.0



Tgt Ion:152 Resp: 16129

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 158.3 0.0 347.6

