

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010623.D
 Acq On : 22 Sep 2022 15:29
 Operator : KP/MD
 Sample : N4723-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.5-7.0

Quant Time: Sep 23 09:03:08 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)

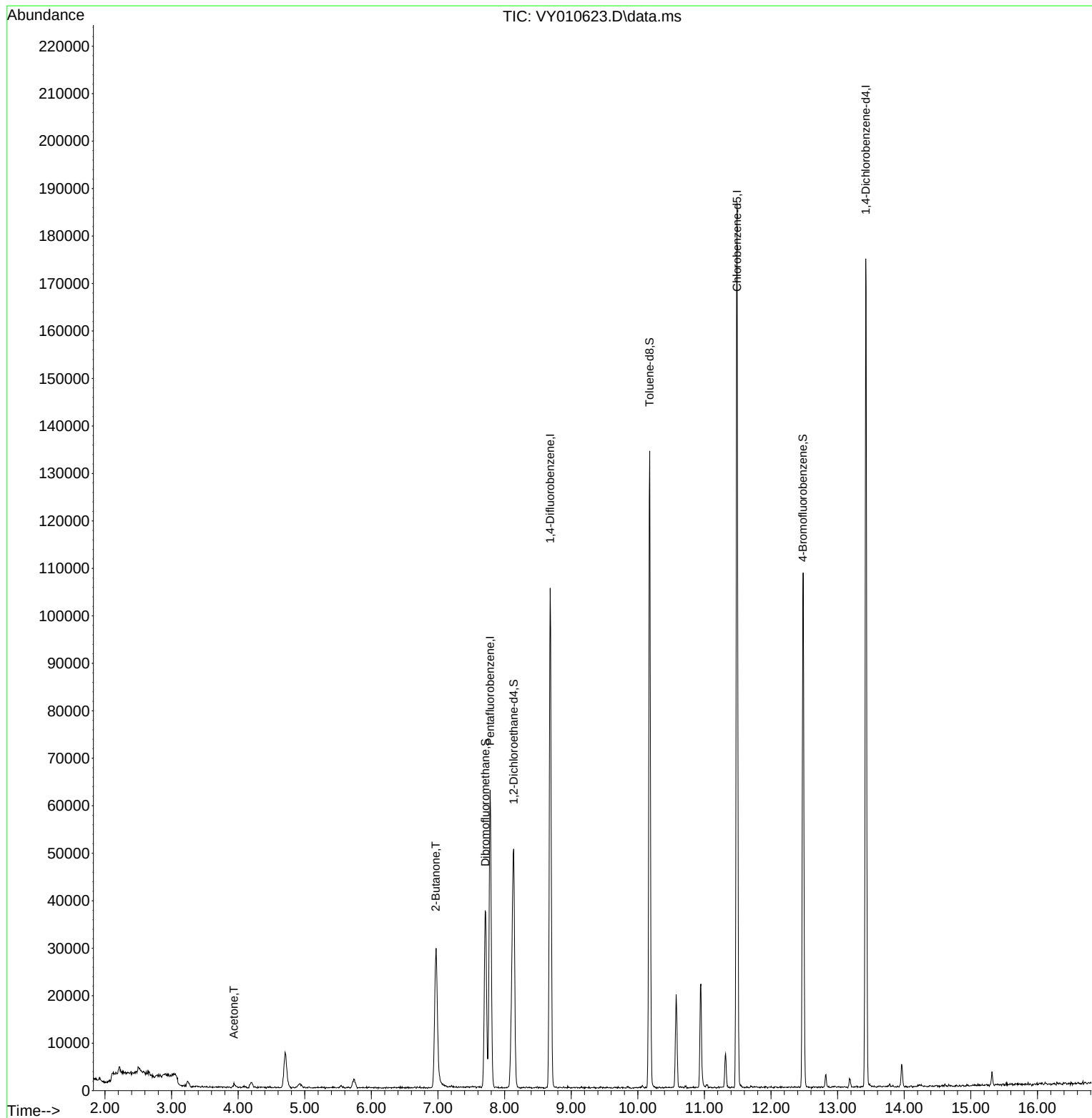
Internal Standards						
1) Pentafluorobenzene	7.783	168	48264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33580	72.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.480%
35) Dibromofluoromethane	7.710	113	26785	46.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.179	98	87085	41.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.400%
62) 4-Bromofluorobenzene	12.477	95	30246	37.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.640%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1216	12.917	ug/l #	88
25) 2-Butanone	6.966	43	1602	10.880	ug/l #	54

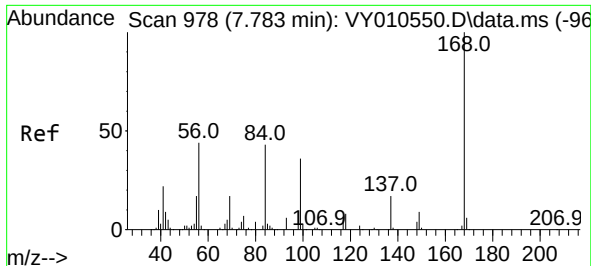
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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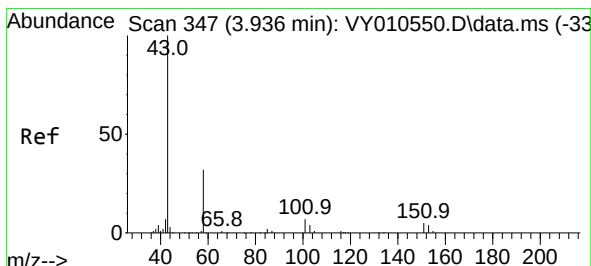
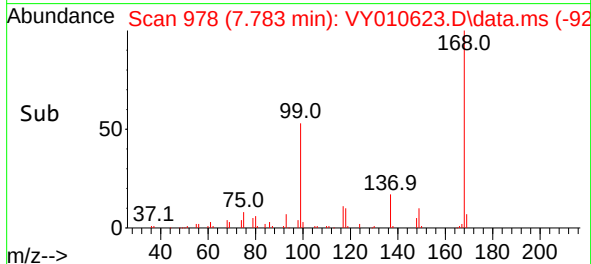
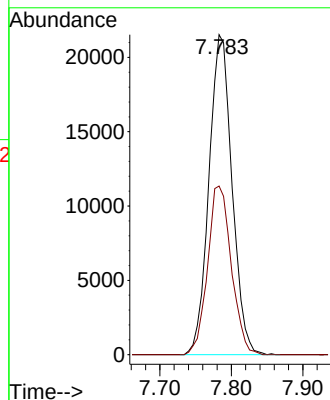
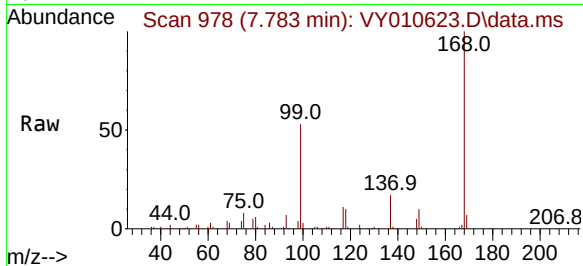




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

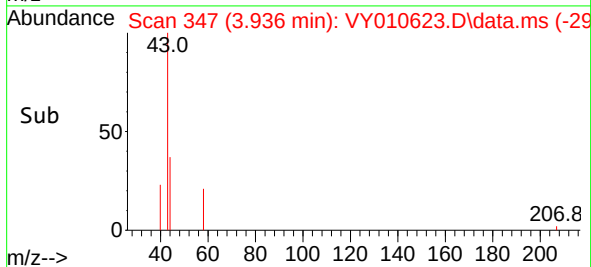
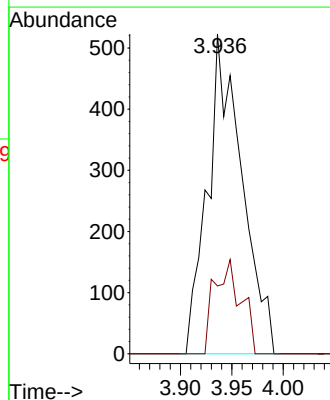
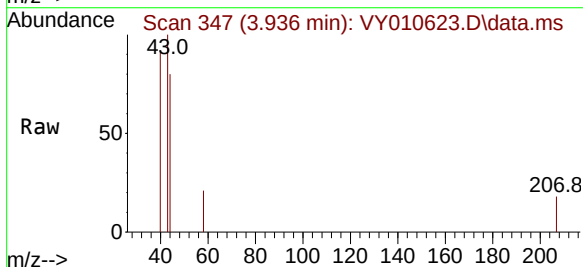
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

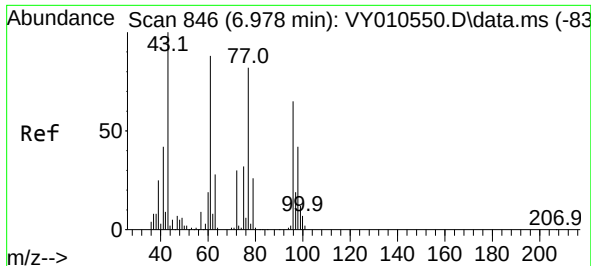
Tgt Ion:168 Resp: 48264
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 12.917 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 21.2 22.0 33.0#

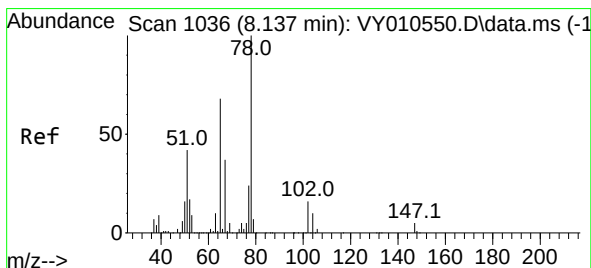
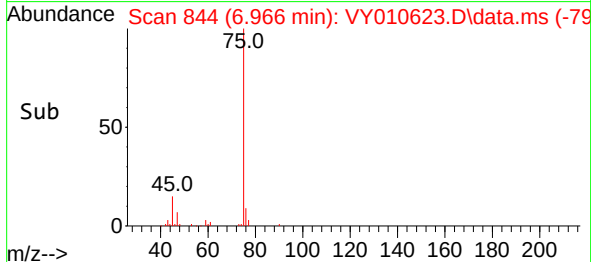
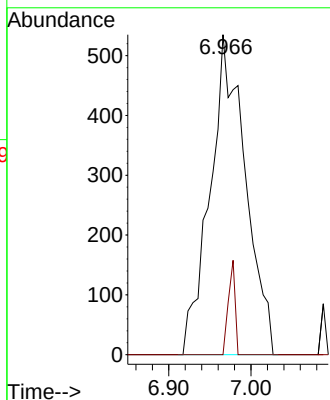
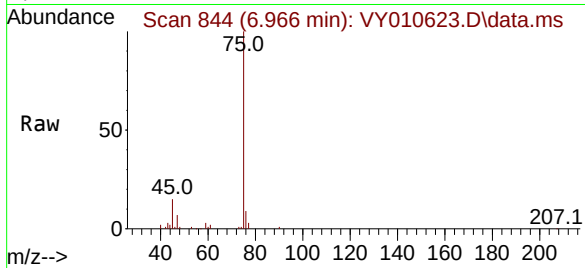




#25
2-Butanone
Concen: 10.880 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

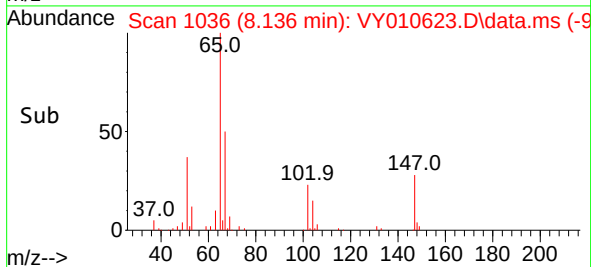
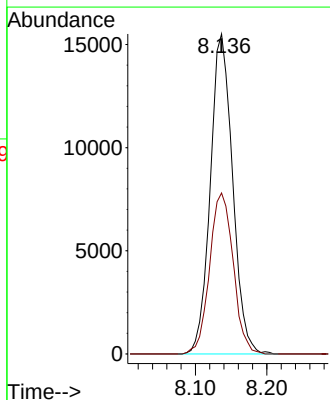
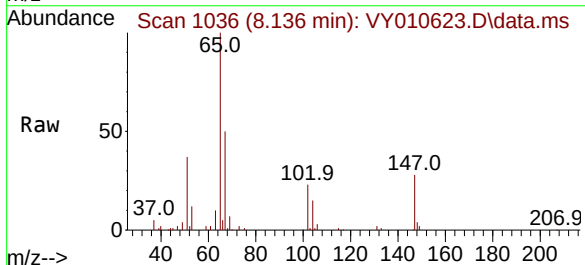
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

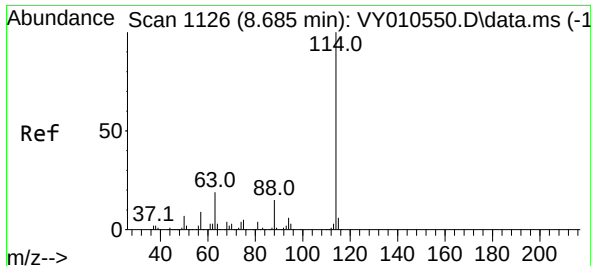
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 72.742 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 65 Resp: 33580
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

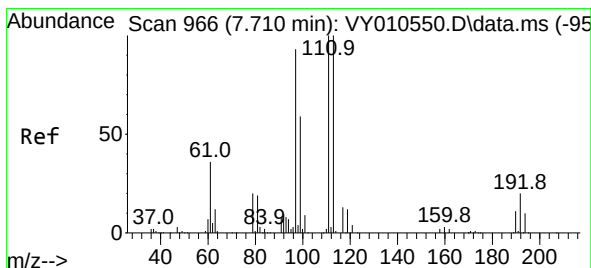
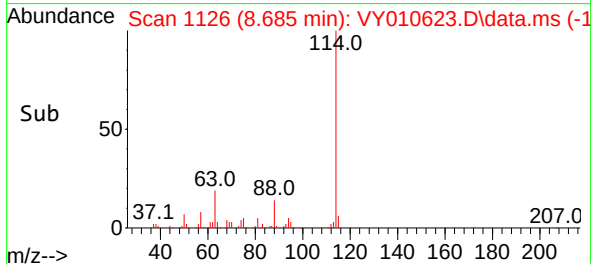
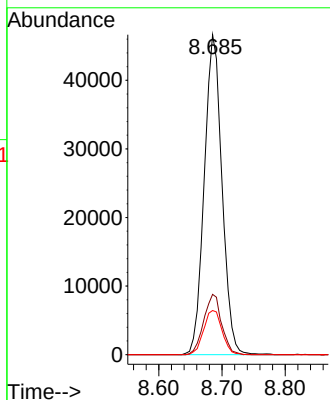
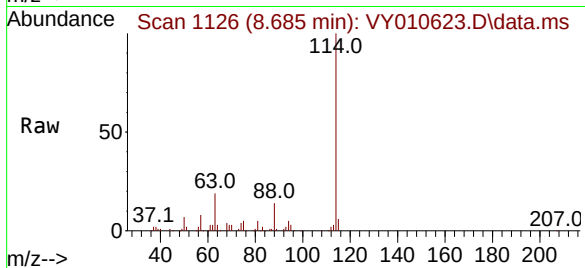




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

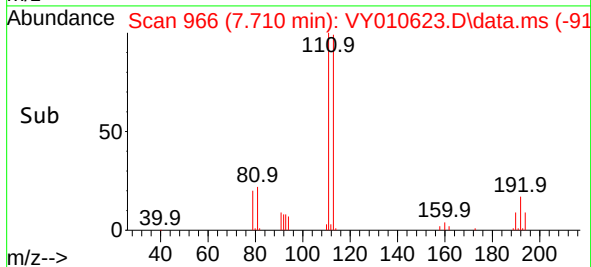
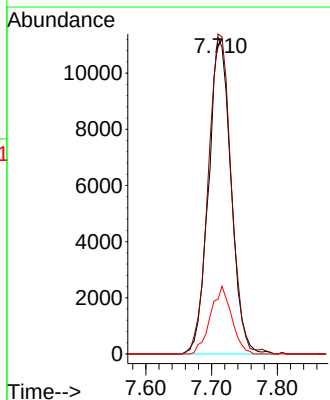
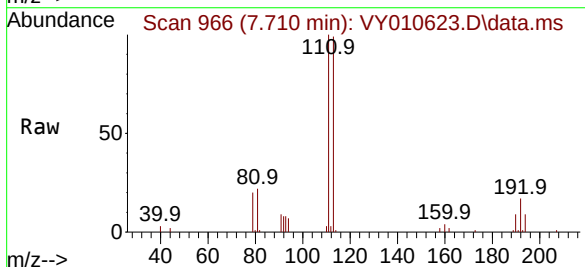
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

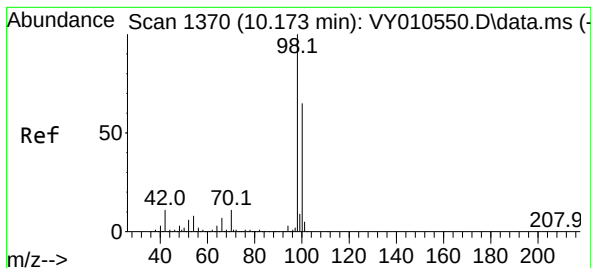
Tgt Ion:	114	Resp:	90915
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	13.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.163 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion:	113	Resp:	26785
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	20.2	17.6	26.4





#50

Toluene-d8

Concen: 41.197 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010623.D

Acq: 22 Sep 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

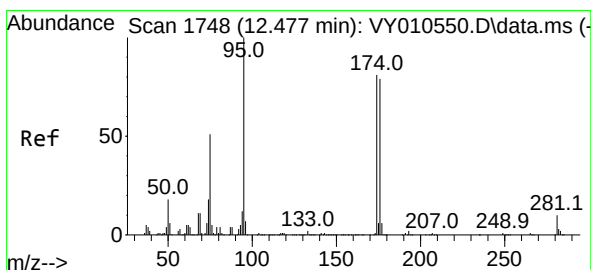
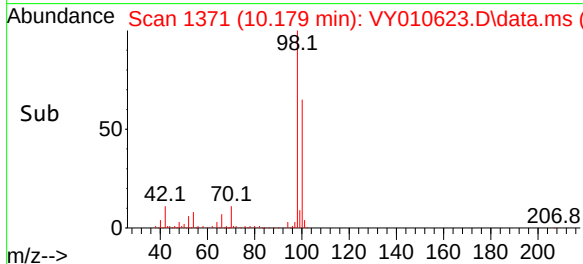
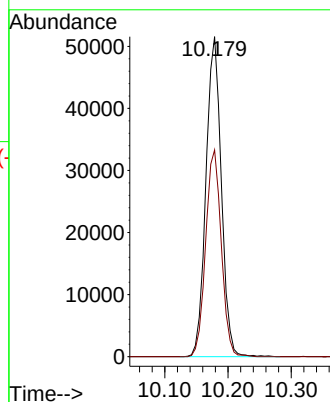
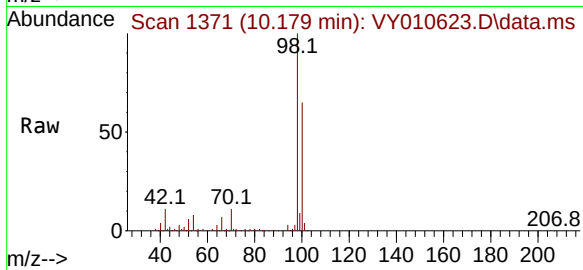
SB-12-6.5-7.0

Tgt Ion: 98 Resp: 87085

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.321 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010623.D

Acq: 22 Sep 2022 15:29

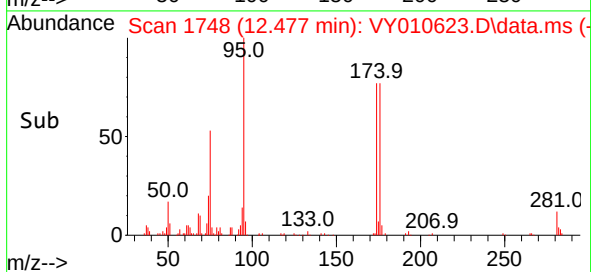
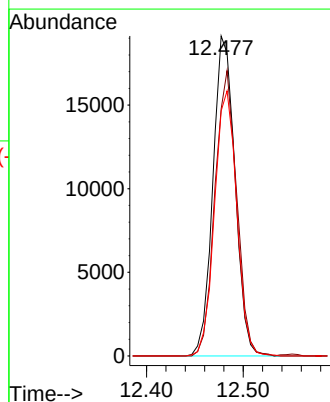
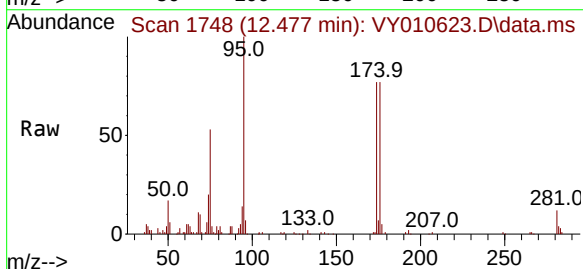
Tgt Ion: 95 Resp: 30246

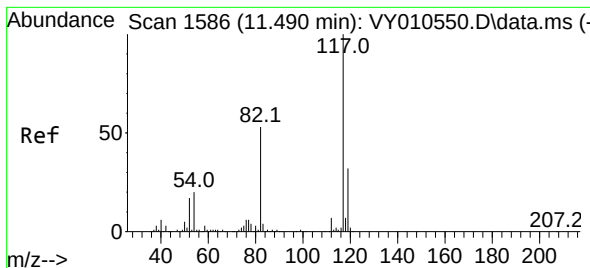
Ion Ratio Lower Upper

95 100

174 88.1 0.0 177.0

176 83.5 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: VY010623.D

Acq: 22 Sep 2022 15:29

Instrument :

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ClientSampleId :

SB-12-6.5-7.0

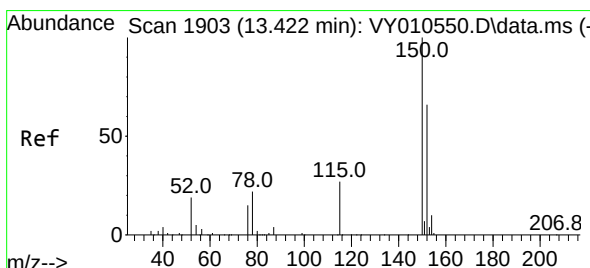
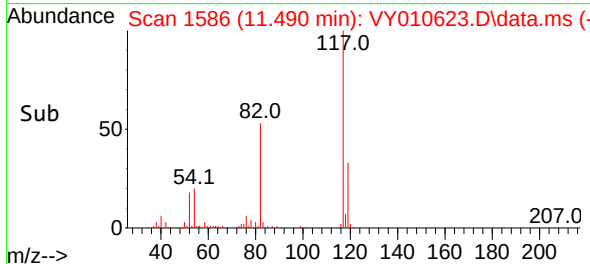
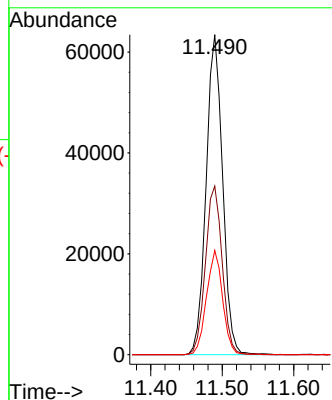
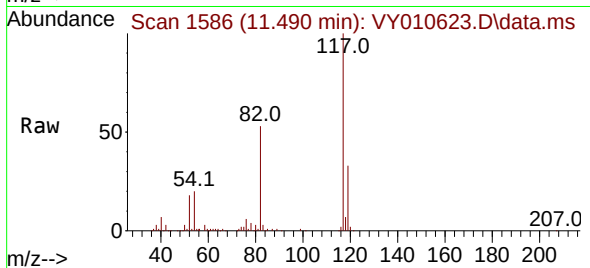
Tgt Ion:117 Resp: 101472

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 32.6 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: VY010623.D

Acq: 22 Sep 2022 15:29

Tgt Ion:152 Resp: 44726

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.3 0.0 347.6

