

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009222.D
 Acq On : 17 Jun 2022 13:21
 Operator : KP/MD
 Sample : N3351-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 40588

Quant Time: Jun 17 22:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

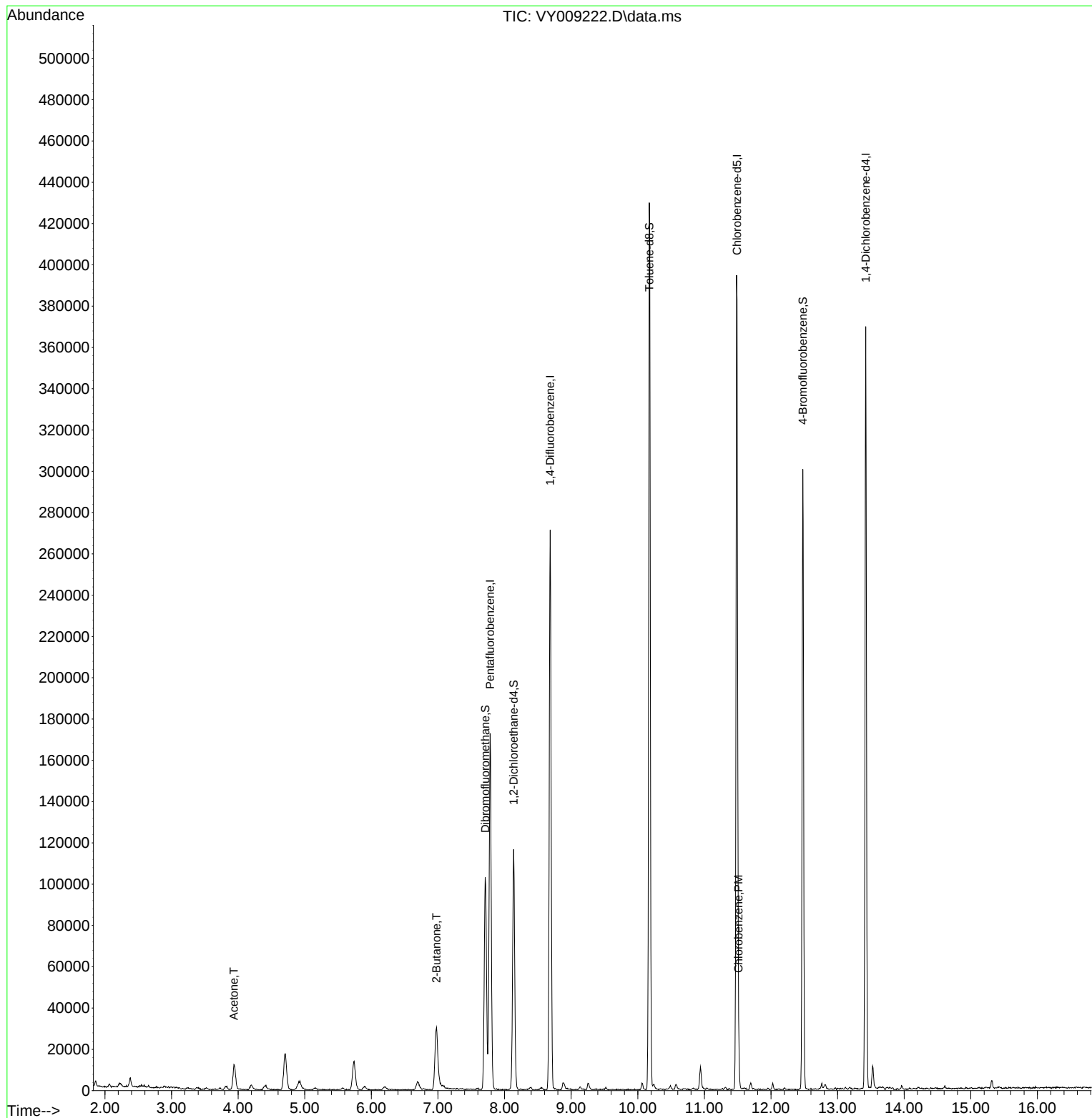
Internal Standards						
1) Pentafluorobenzene	7.783	168	131001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83312	60.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.760%	
35) Dibromofluoromethane	7.710	113	73644	51.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.173	98	278421	51.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.477	95	89380	46.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.420%	
Target Compounds						
						Qvalue
16) Acetone	3.936	43	21595	62.648	ug/l	98
25) 2-Butanone	6.978	43	5227	9.583	ug/l	96
65) Chlorobenzene	11.514	112	9358	2.013	ug/l	99

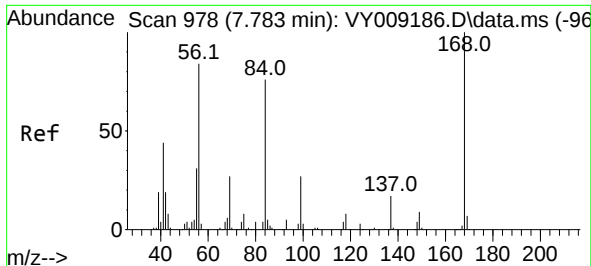
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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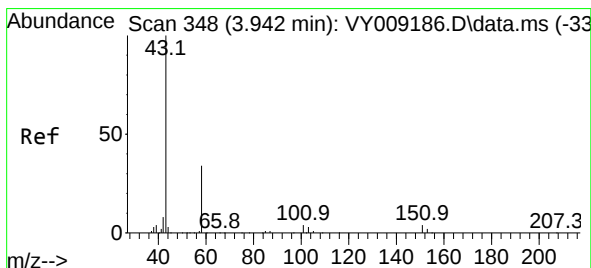
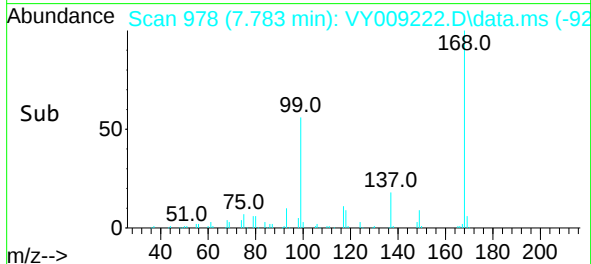
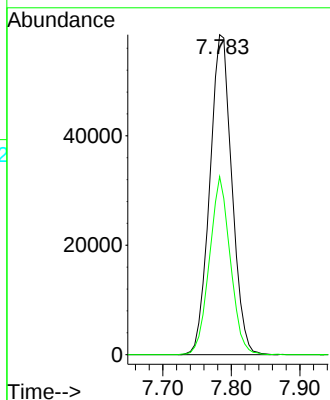
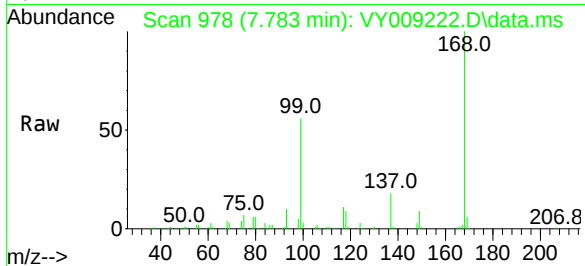




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

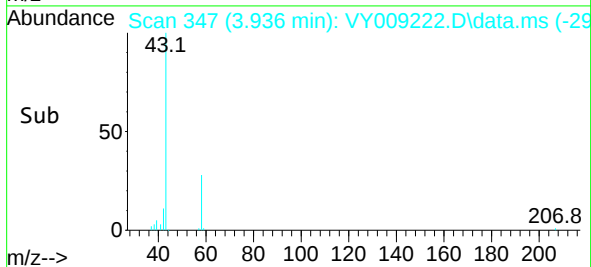
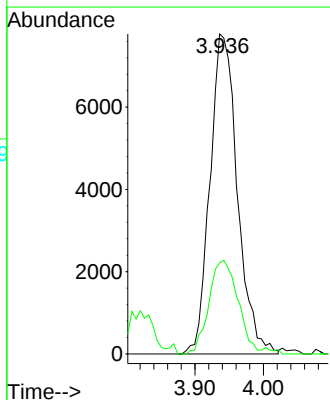
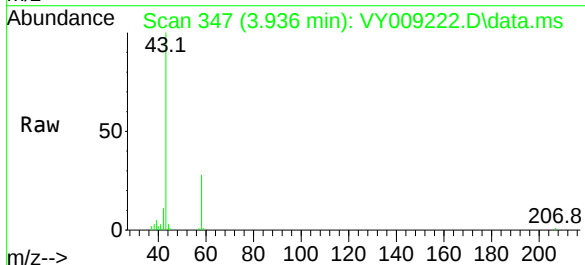
Instrument :
MSVOA_Y
ClientSampleId :
40588

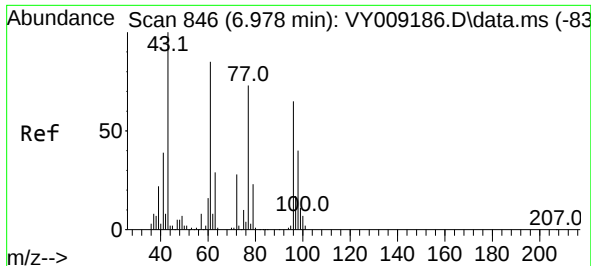
Tgt Ion:168 Resp: 131001
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 62.648 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 43 Resp: 21595
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0

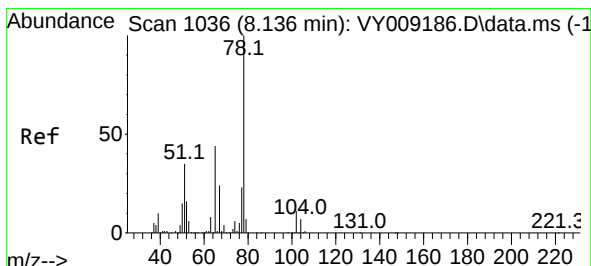
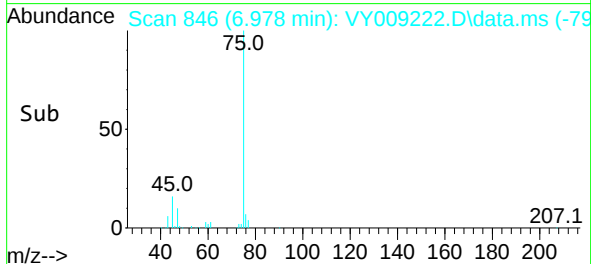
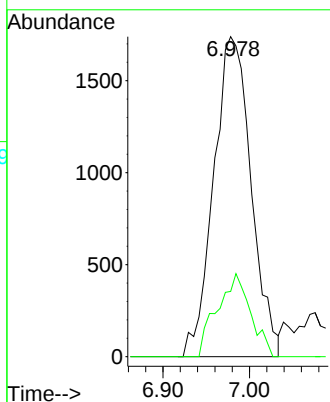
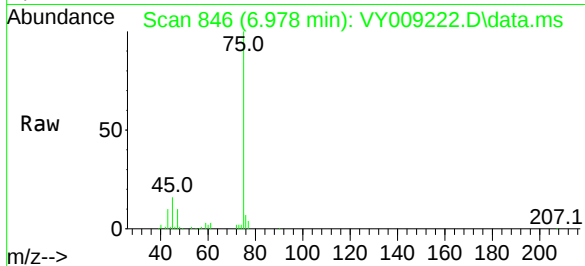




#25
2-Butanone
Concen: 9.583 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

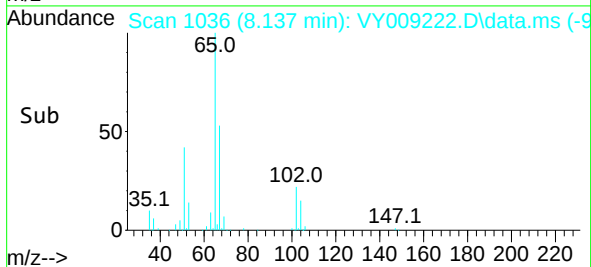
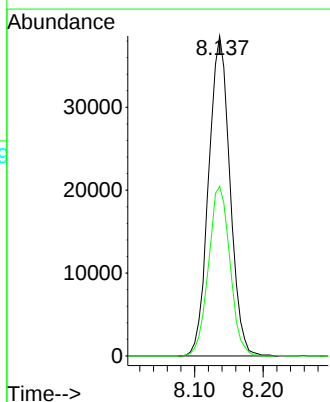
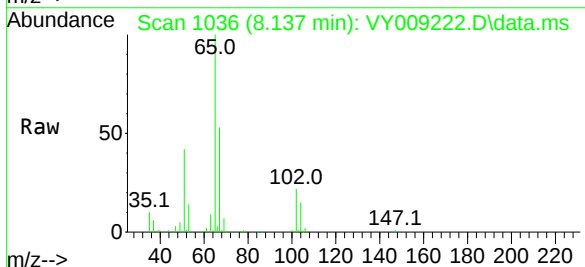
Instrument :
MSVOA_Y
ClientSampleId :
40588

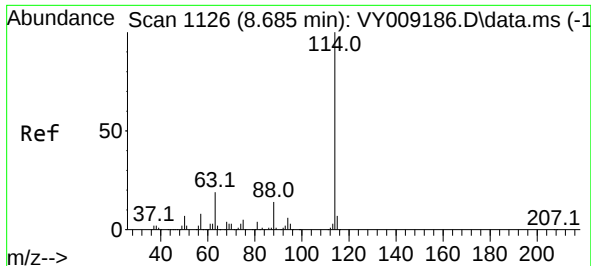
Tgt Ion: 43 Resp: 5227
Ion Ratio Lower Upper
43 100
72 20.4 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 60.881 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009222.D
Acq: 17 Jun 2022 13:21

Tgt Ion: 65 Resp: 83312
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: VY009222.D

Acq: 17 Jun 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

40588

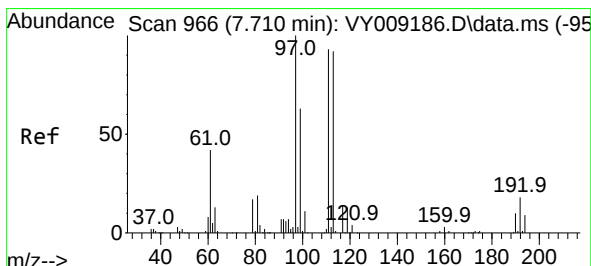
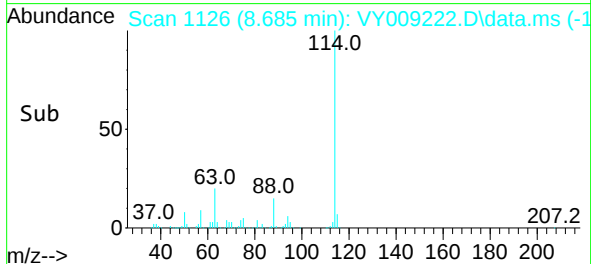
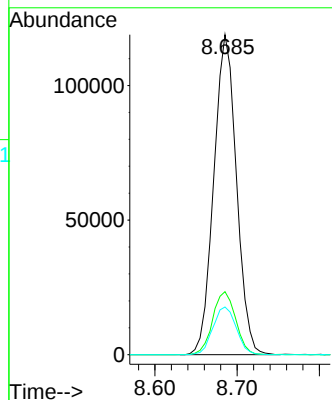
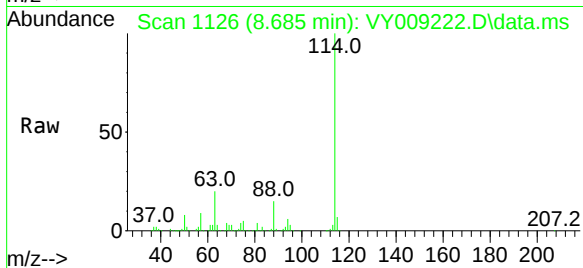
Tgt Ion:114 Resp: 228059

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.505 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009222.D

Acq: 17 Jun 2022 13:21

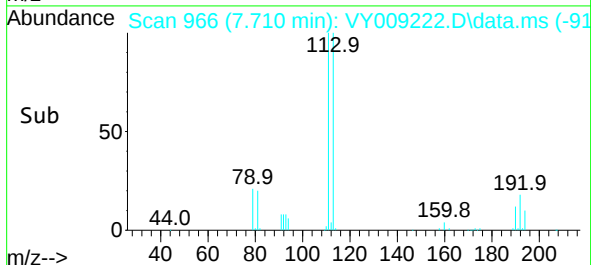
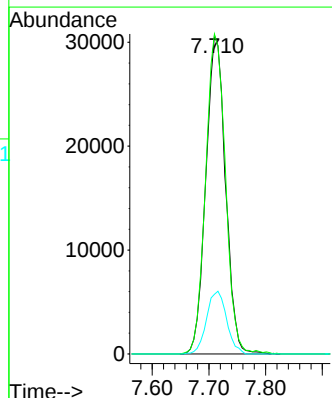
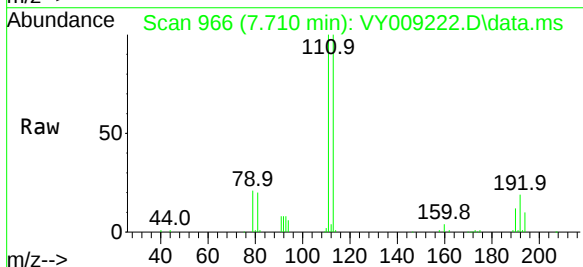
Tgt Ion:113 Resp: 73644

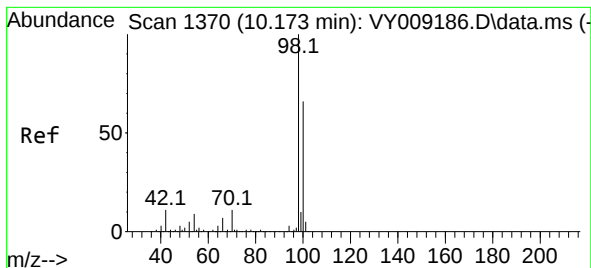
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 20.2 17.6 26.4





#50

Toluene-d8

Concen: 51.153 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009222.D

Acq: 17 Jun 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

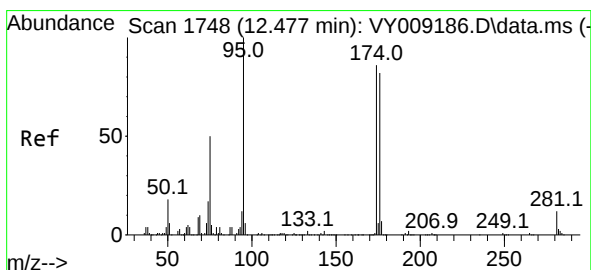
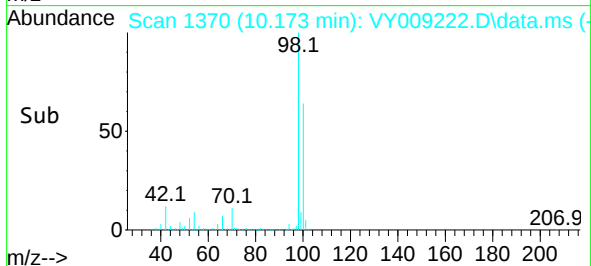
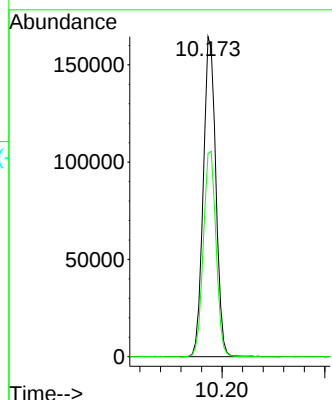
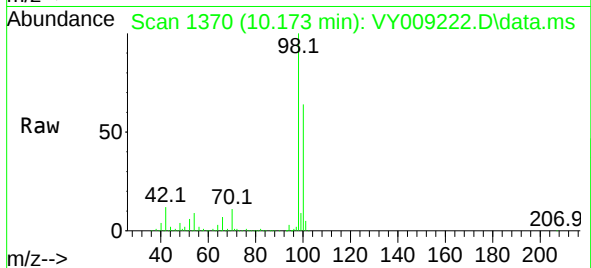
40588

Tgt Ion: 98 Resp: 278421

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.211 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009222.D

Acq: 17 Jun 2022 13:21

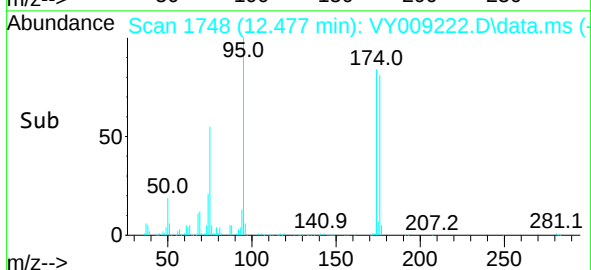
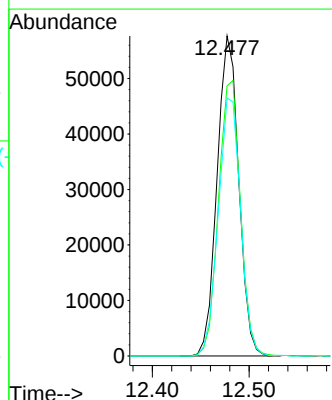
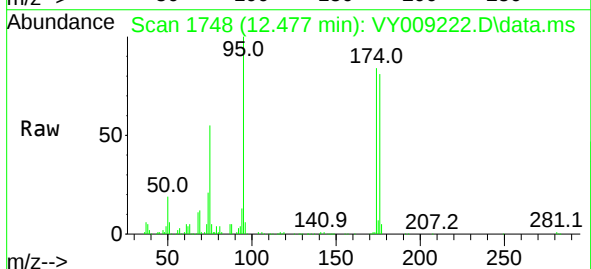
Tgt Ion: 95 Resp: 89380

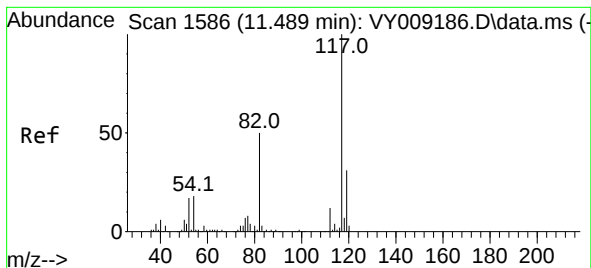
Ion Ratio Lower Upper

95 100

174 87.5 0.0 177.0

176 83.3 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: VY009222.D

Acq: 17 Jun 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

40588

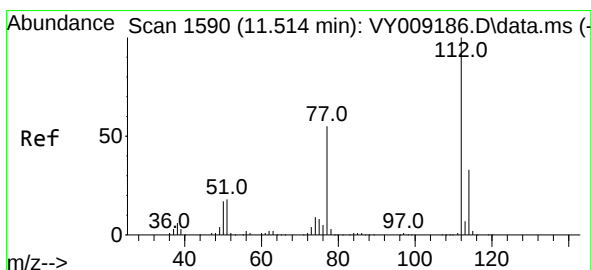
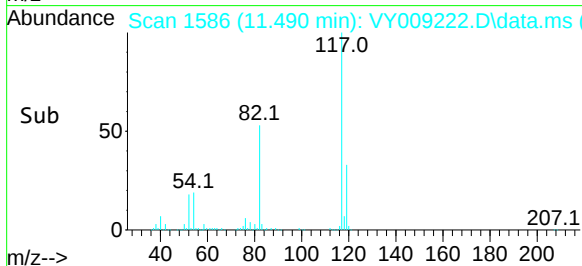
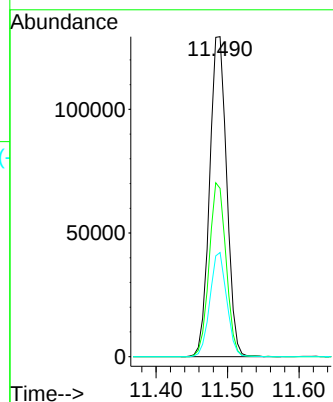
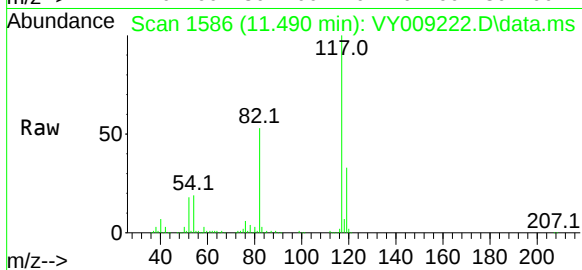
Tgt Ion:117 Resp: 214612

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 32.5 25.4 38.0



#65

Chlorobenzene

Concen: 2.013 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009222.D

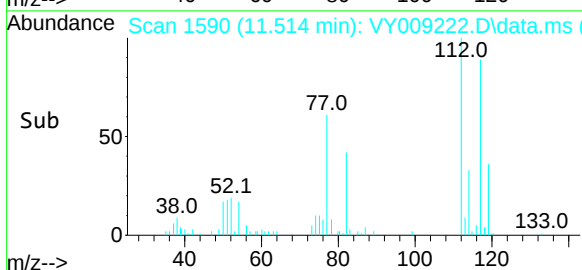
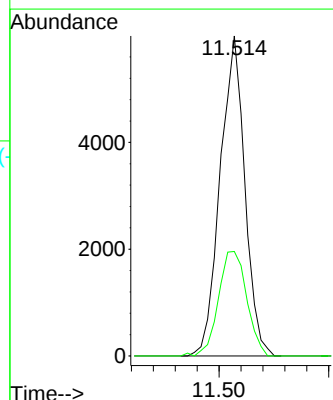
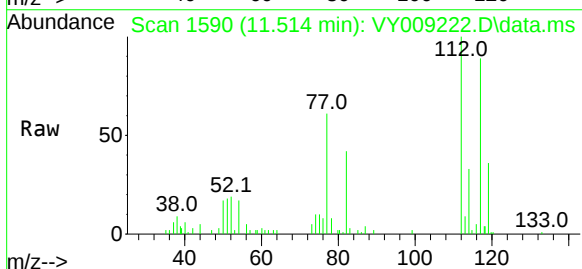
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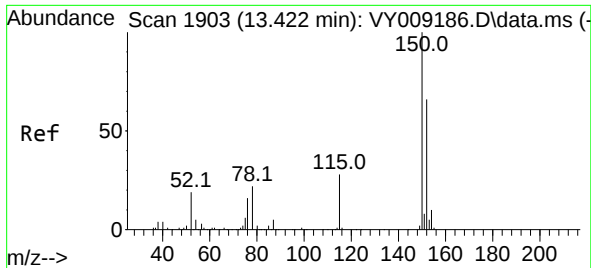
Tgt Ion:112 Resp: 9358

Ion Ratio Lower Upper

112 100

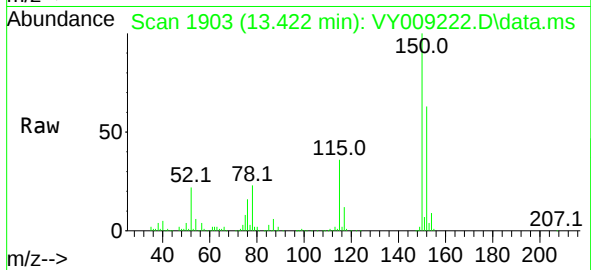
114 32.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009222.D
 Acq: 17 Jun 2022 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 40588



Tgt Ion:152 Resp: 91485
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 159.3 0.0 347.6

