

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009226.D
 Acq On : 17 Jun 2022 14:54
 Operator : KP/MD
 Sample : N3383-04
 Misc : 7.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-01-(10-11.5)

Quant Time: Jun 17 22:53:38 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)

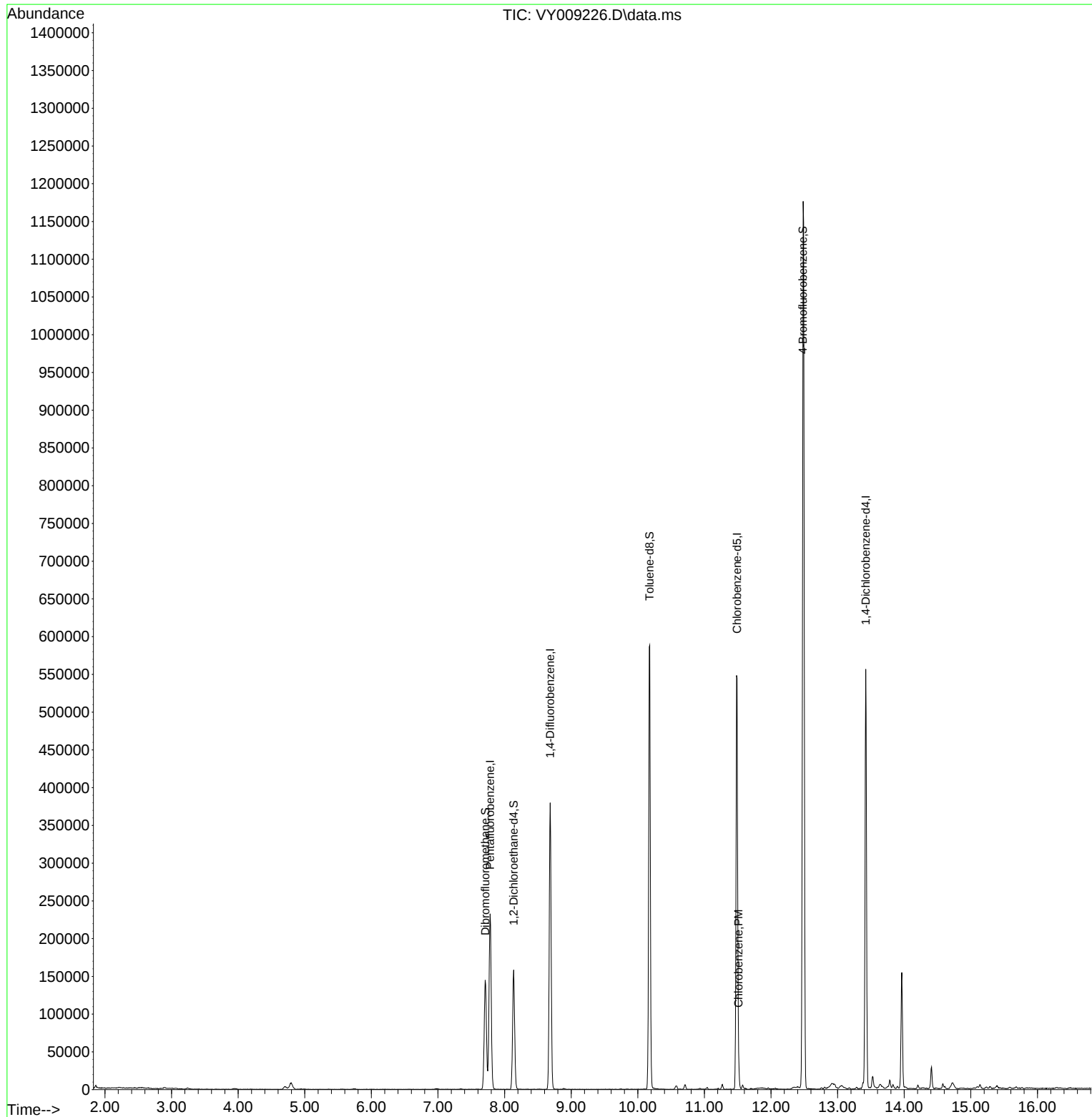
Internal Standards						
1) Pentafluorobenzene	7.783	168	182589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112568	59.019	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.040%	
35) Dibromofluoromethane	7.710	113	101222	49.872	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.740%	
50) Toluene-d8	10.179	98	382942	49.565	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	99.120%	
62) 4-Bromofluorobenzene	12.477	95	138086	50.295	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	100.600%	
Target Compounds						Qvalue
65) Chlorobenzene	11.514	112	13766	2.115	ug/l	93

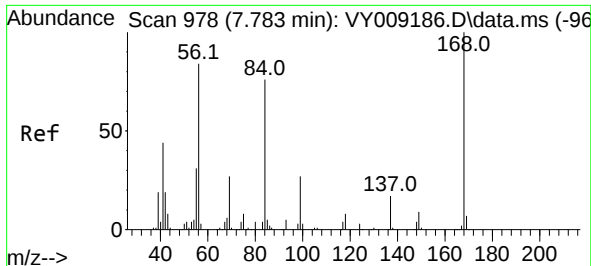
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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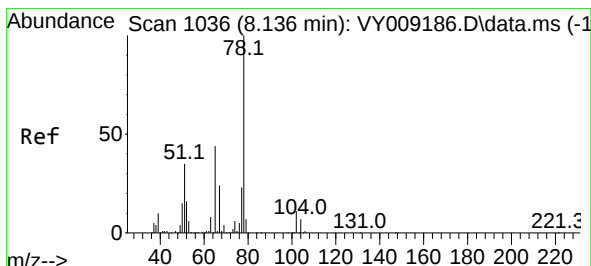
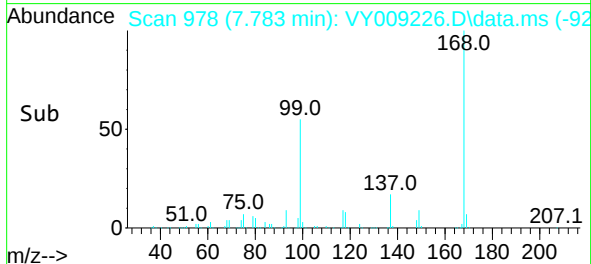
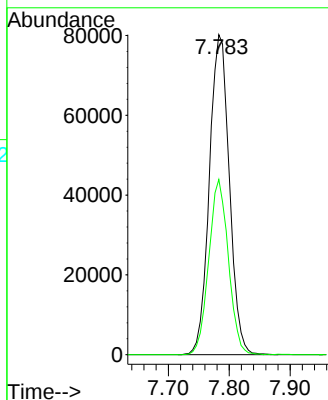
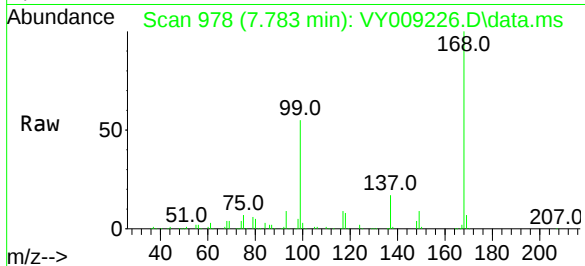




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

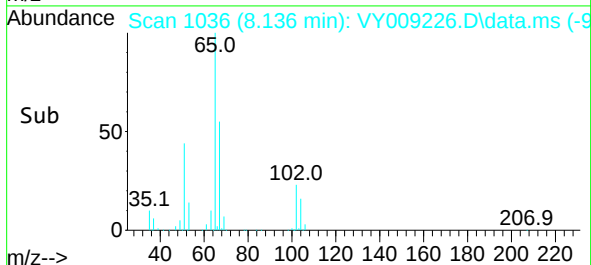
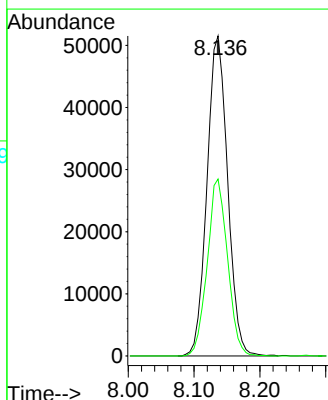
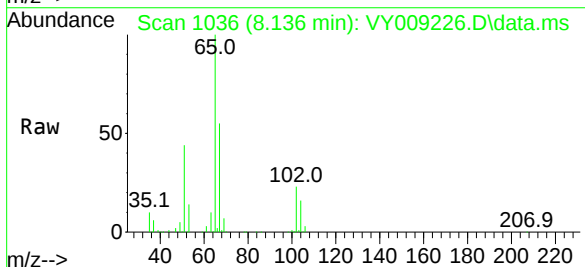
Instrument :
MSVOA_Y
ClientSampleId :
RB-01-(10-11.5)

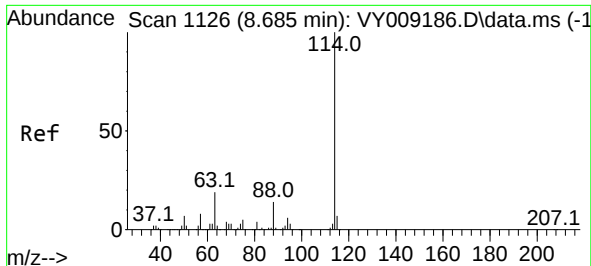
Tgt Ion:168 Resp: 182589
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Tgt Ion: 65 Resp: 112568
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

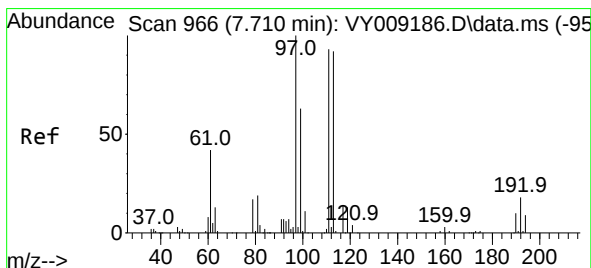
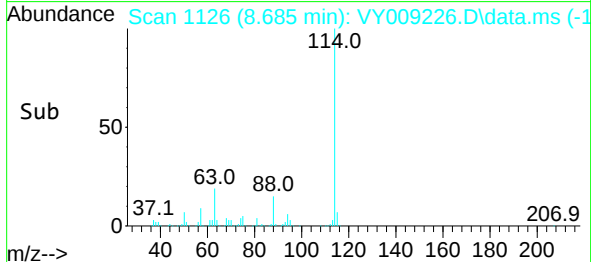
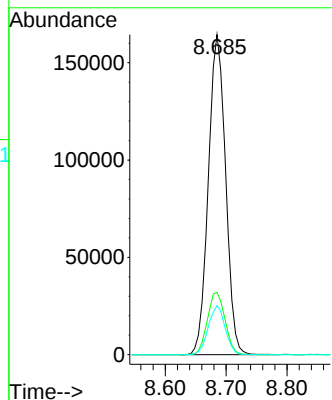
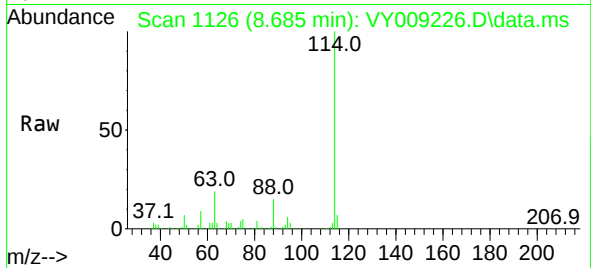




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

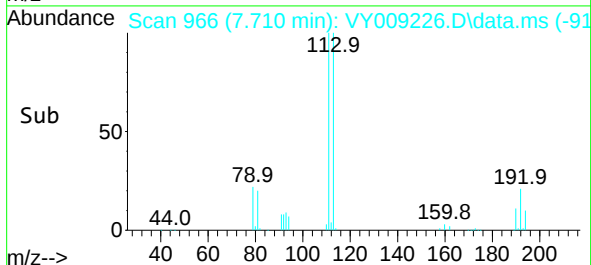
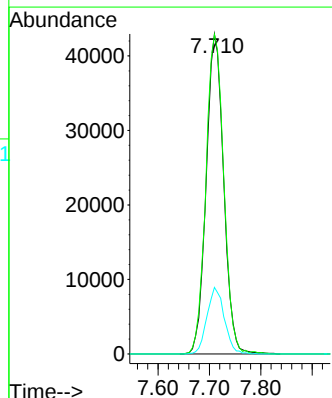
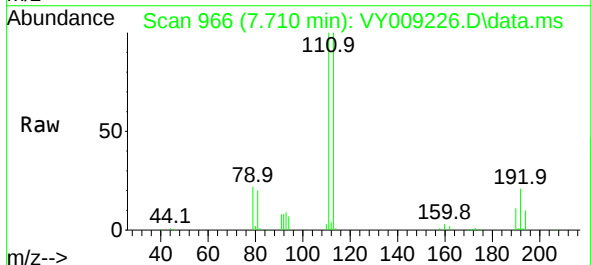
Instrument :
MSVOA_Y
ClientSampleId :
RB-01-(10-11.5)

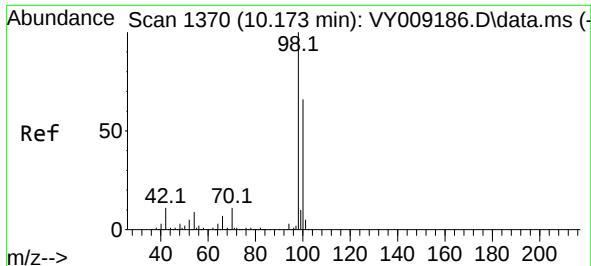
Tgt Ion:114 Resp: 323723
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.872 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Tgt Ion:113 Resp: 101222
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.7 17.6 26.4

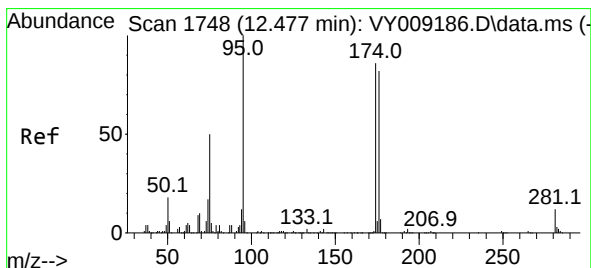
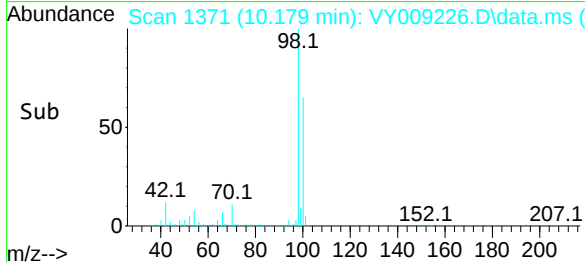
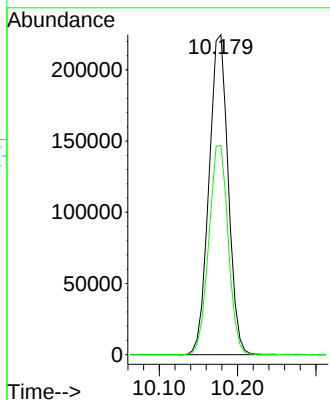
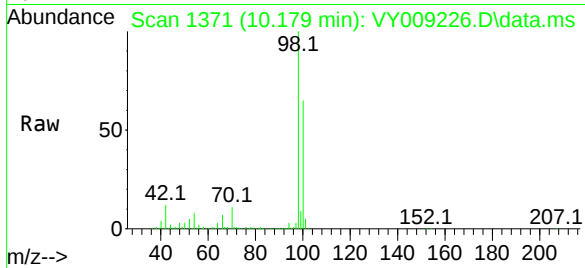




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

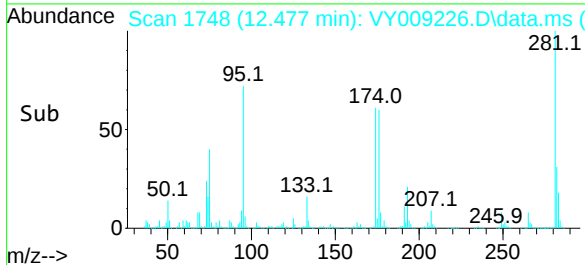
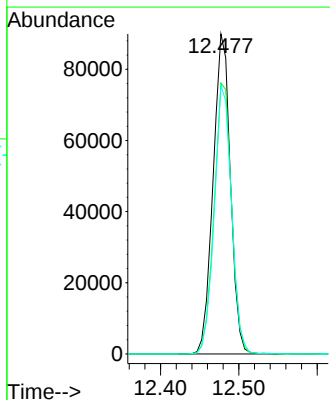
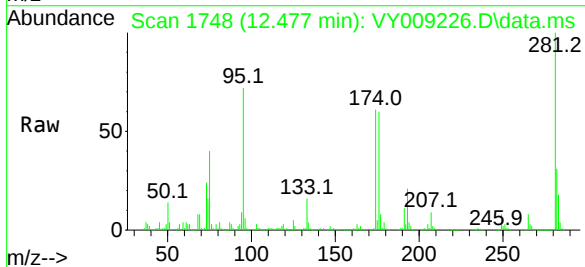
Instrument :
MSVOA_Y
ClientSampleId :
RB-01-(10-11.5)

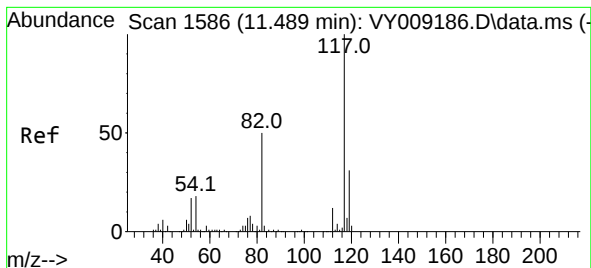
Tgt Ion: 98 Resp: 382942
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.295 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Tgt Ion: 95 Resp: 138086
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009226.D

Acq: 17 Jun 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

RB-01-(10-11.5)

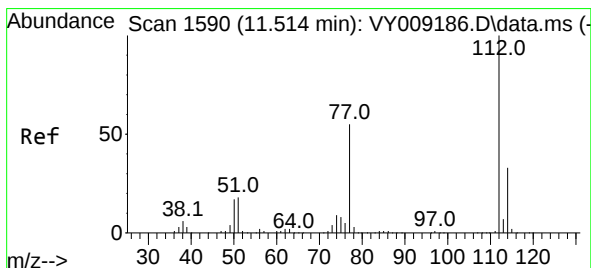
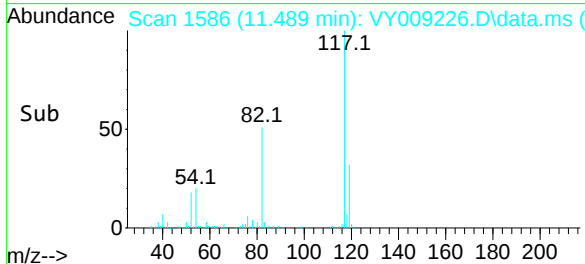
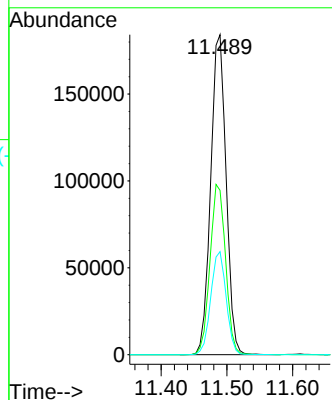
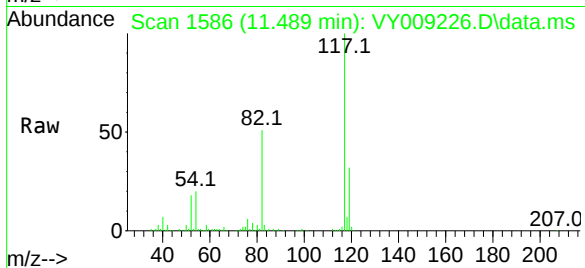
Tgt Ion:117 Resp: 300421

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 32.2 25.4 38.0



#65

Chlorobenzene

Concen: 2.115 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009226.D

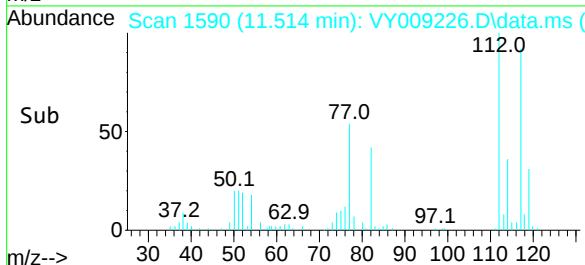
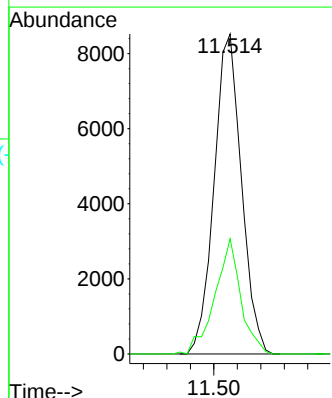
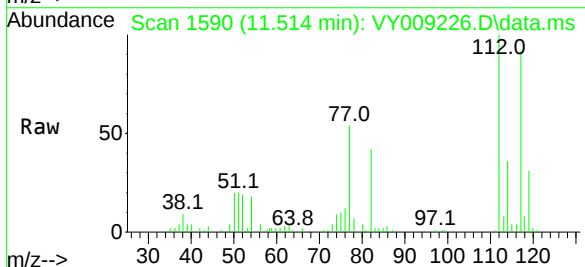
Acq: 17 Jun 2022 14:54

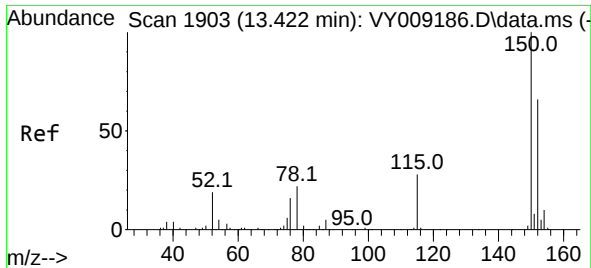
Tgt Ion:112 Resp: 13766

Ion Ratio Lower Upper

112 100

114 36.0 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: VY009226.D

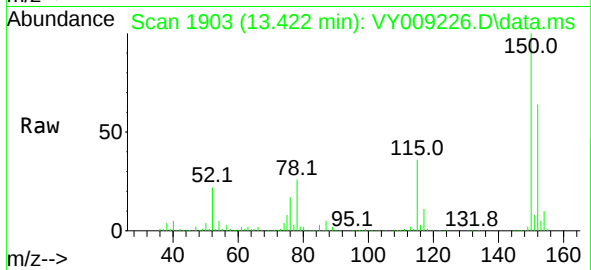
Acq: 17 Jun 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

RB-01-(10-11.5)



Tgt Ion:152 Resp: 141842

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 155.9 0.0 347.6

