

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007361.D
 Acq On : 02 Feb 2022 17:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 03 04:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

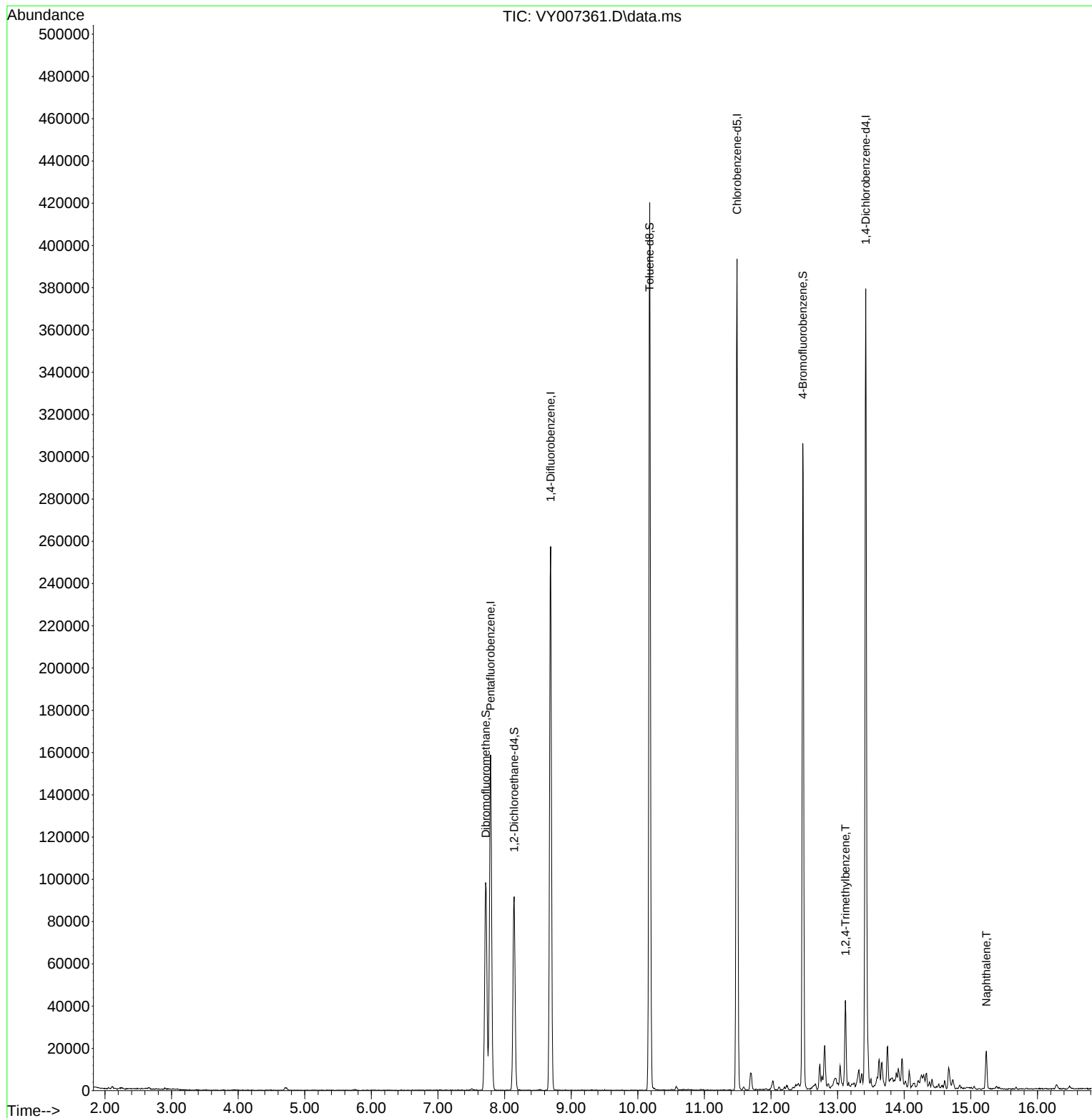
Internal Standards						
1) Pentafluorobenzene	7.789	168	116676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73354	54.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.716	113	69925	49.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.179	98	267557	51.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.477	95	94506	53.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.500%	
Target Compounds						
					Qvalue	
84) 1,2,4-Trimethylbenzene	13.117	105	21692	3.296	ug/l	96
95) Naphthalene	15.233	128	14735	4.064	ug/l	99

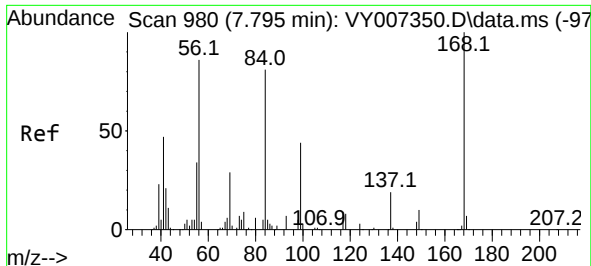
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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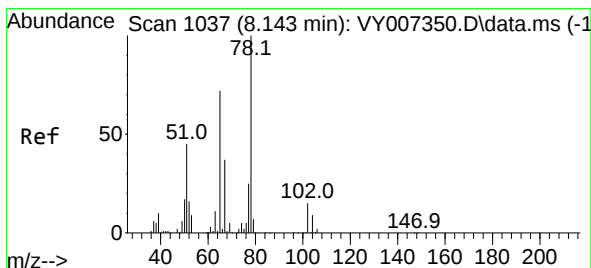
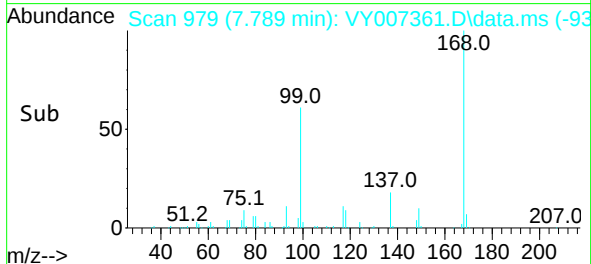
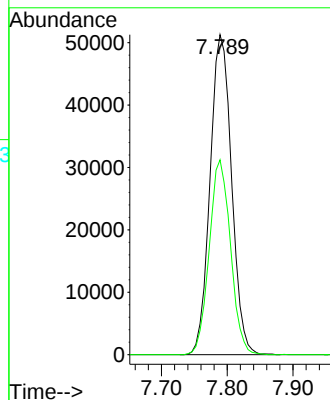
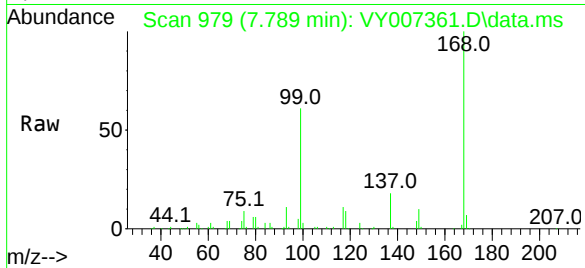




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

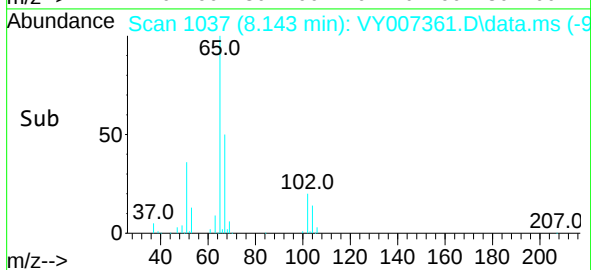
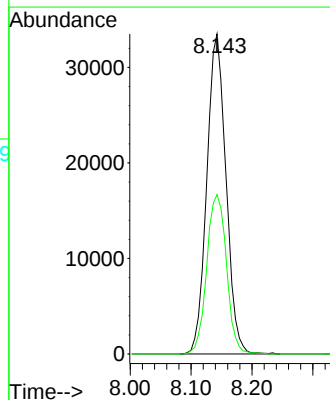
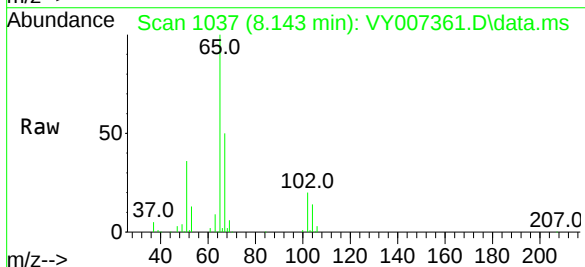
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

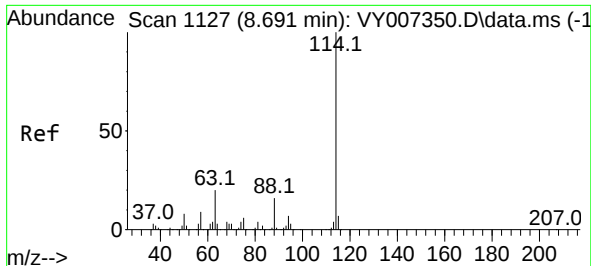
Tgt Ion:168 Resp: 116676
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.658 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 65 Resp: 73354
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4

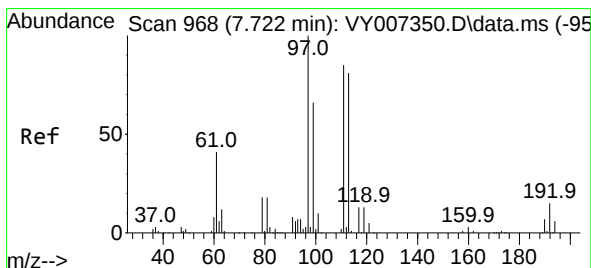
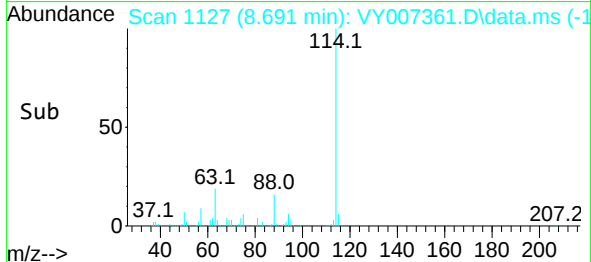
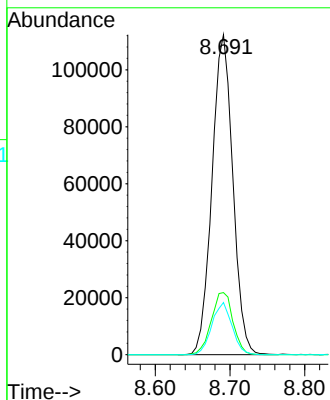
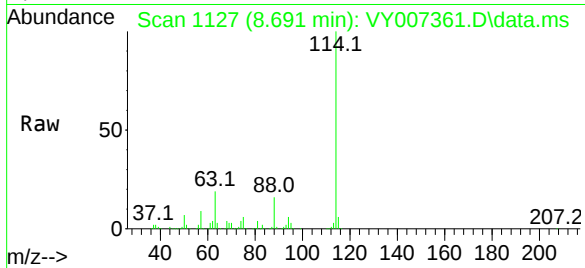




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

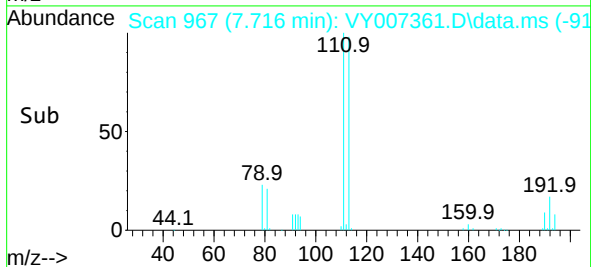
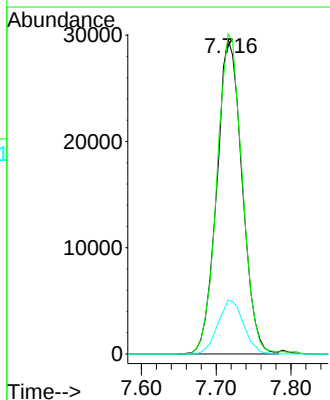
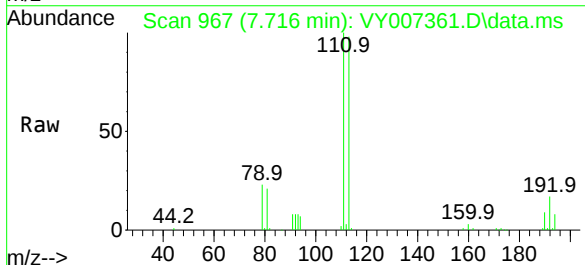
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

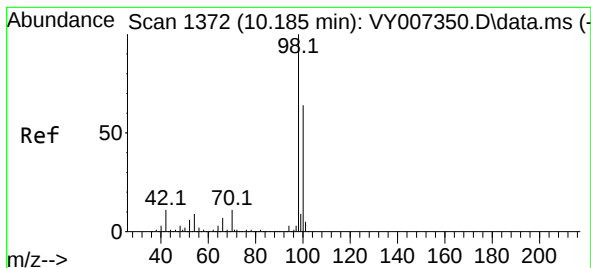
Tgt Ion:114 Resp: 218056
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion:113 Resp: 69925
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 17.2 17.6 26.4#

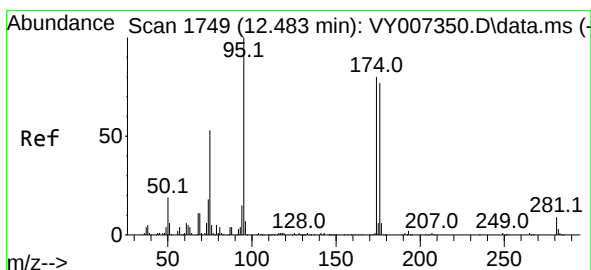
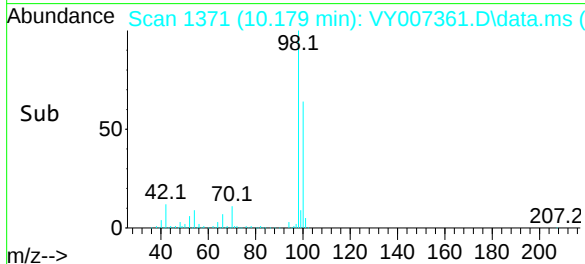
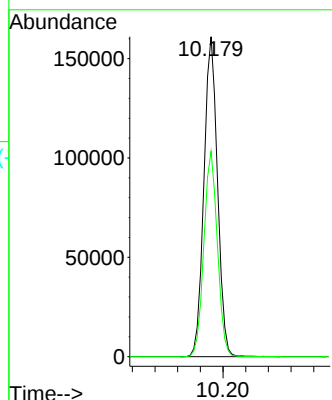
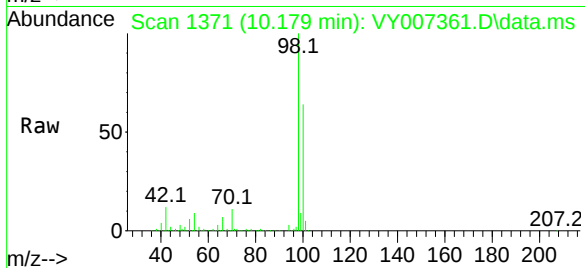




#50
Toluene-d8
Concen: 51.721 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

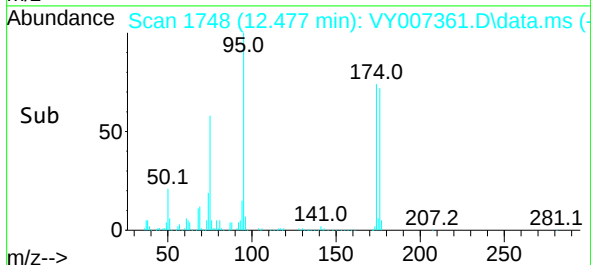
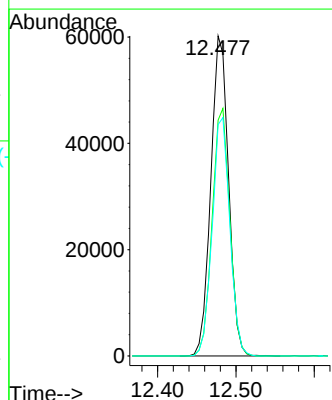
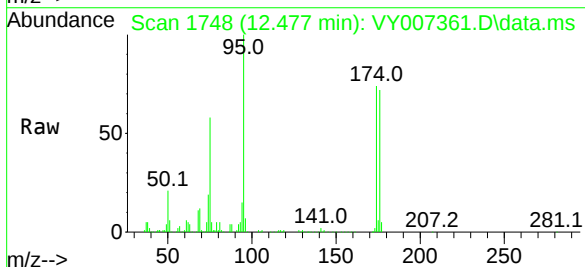
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

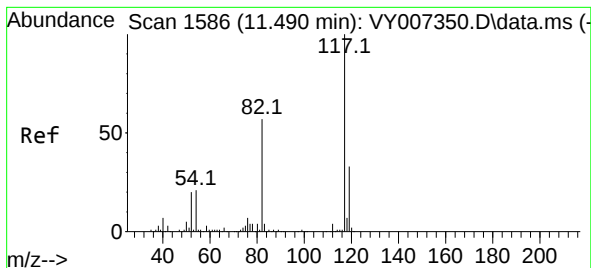
Tgt Ion: 98 Resp: 267557
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 95 Resp: 94506
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 74.2 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: VY007361.D

Acq: 02 Feb 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

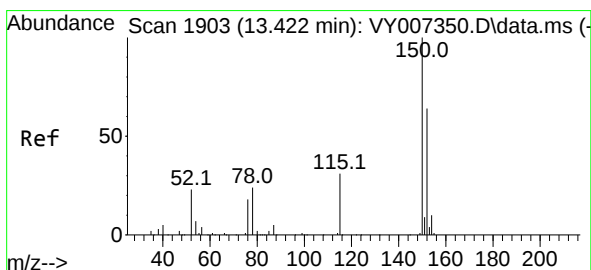
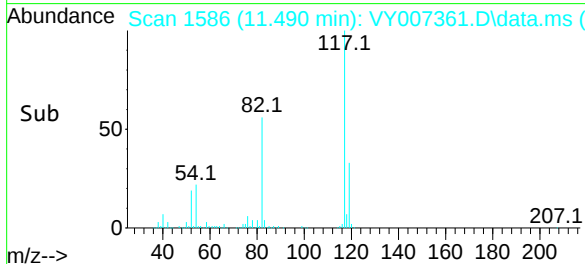
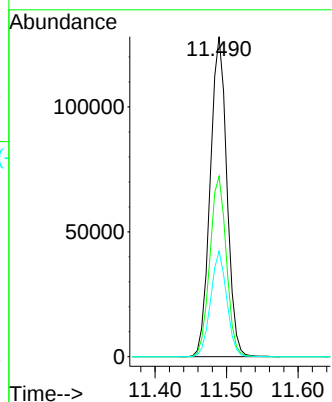
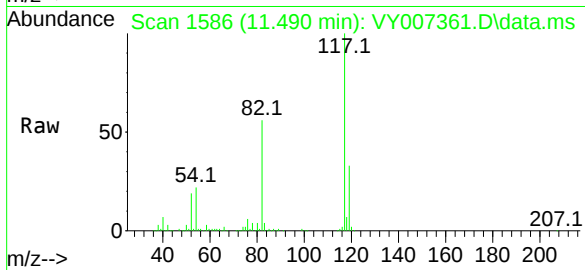
Tgt Ion:117 Resp: 207184

Ion Ratio Lower Upper

117 100

82 56.4 43.0 64.4

119 32.9 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: VY007361.D

Acq: 02 Feb 2022 17:56

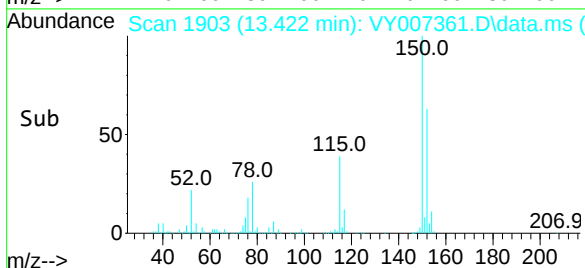
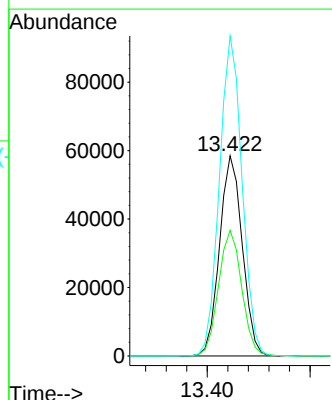
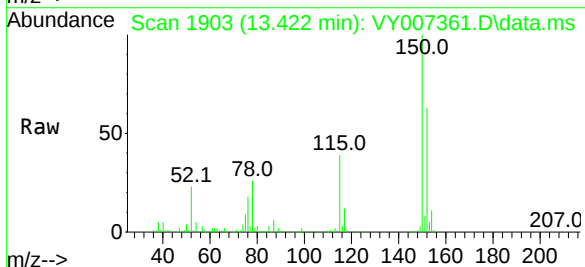
Tgt Ion:152 Resp: 89663

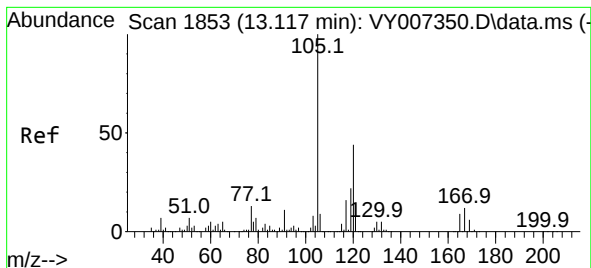
Ion Ratio Lower Upper

152 100

115 64.1 28.2 84.7

150 159.2 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 3.296 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007361.D

Acq: 02 Feb 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

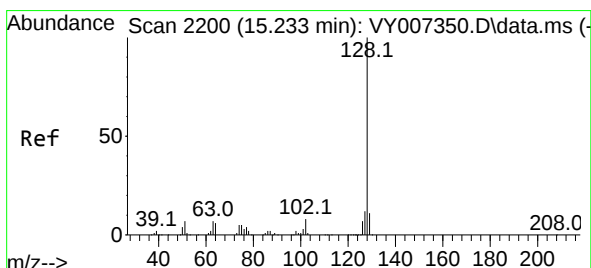
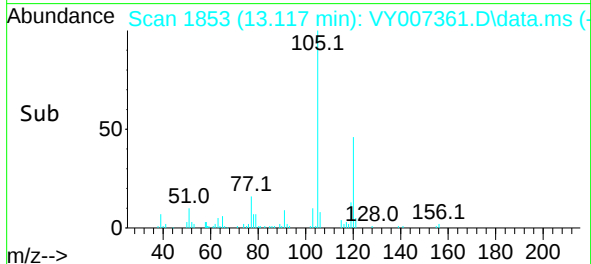
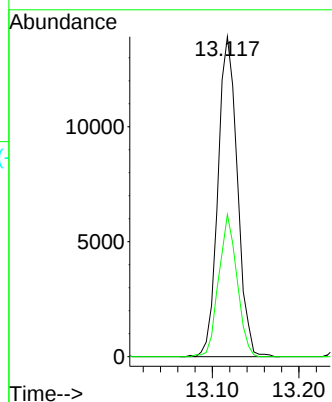
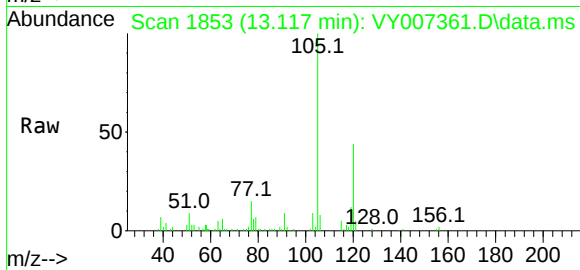
VIBLK

Tgt Ion:105 Resp: 21692

Ion Ratio Lower Upper

105 100

120 41.7 22.3 66.9



#95

Naphthalene

Concen: 4.064 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007361.D

Acq: 02 Feb 2022 17:56

Tgt Ion:128 Resp: 14735

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.5 8.4 12.6

