

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007850.D
 Acq On : 11 Mar 2022 13:29
 Operator : SY/MD
 Sample : N1847-03
 Misc : 10.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B3-030722-4-5

Quant Time: Mar 11 23:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

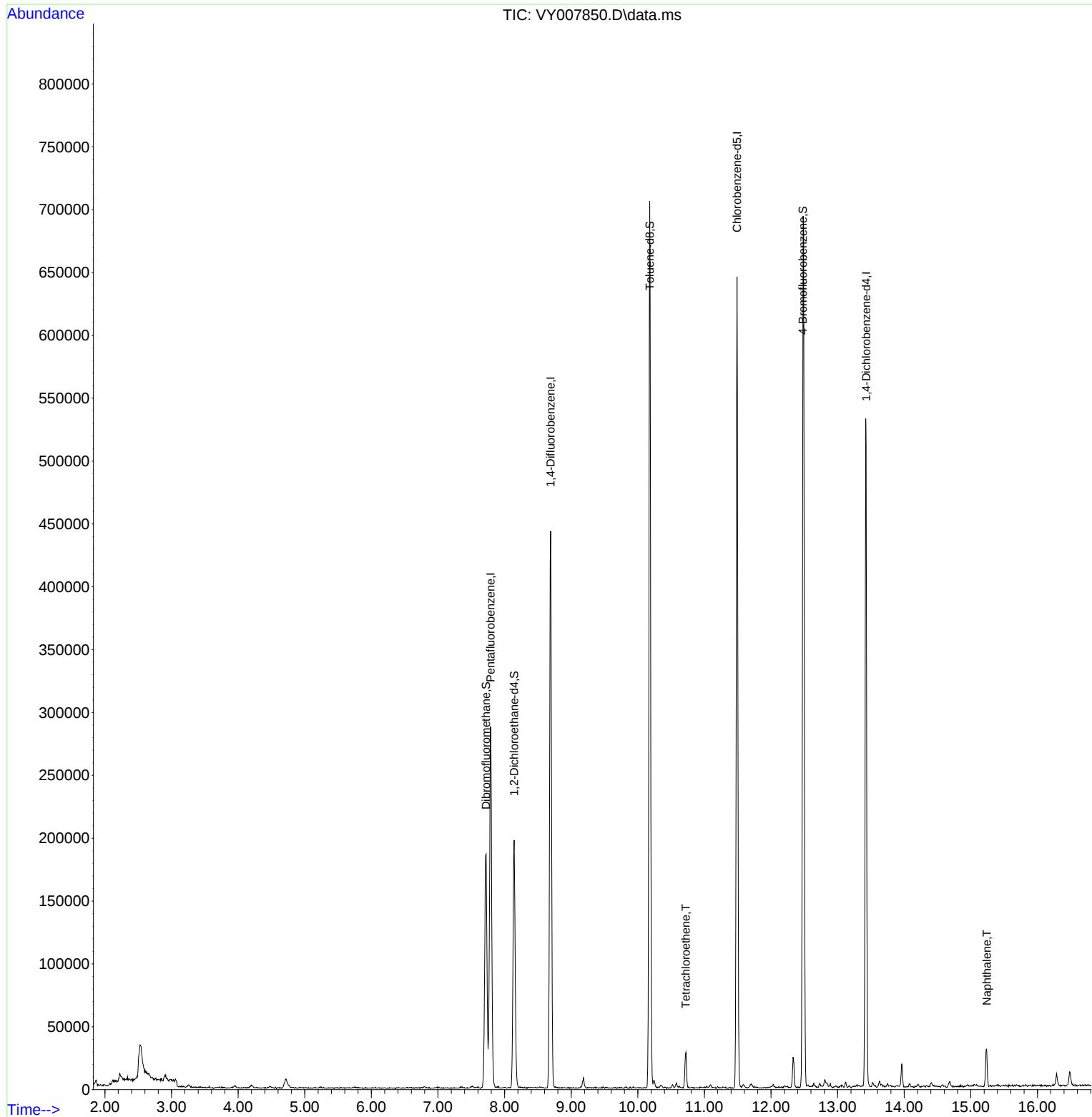
Internal Standards						
1) Pentafluorobenzene	7.789	168	210331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146237	66.412	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 132.820%		
35) Dibromofluoromethane	7.722	113	128556	54.180	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.360%		
50) Toluene-d8	10.179	98	454965	52.090	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.180%		
62) 4-Bromofluorobenzene	12.477	95	124783	44.321	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 88.640%		
Target Compounds						Qvalue
64) Tetrachloroethene	10.721	164	5675	2.339	ug/l	95
95) Naphthalene	15.239	128	23631	4.553	ug/l	97

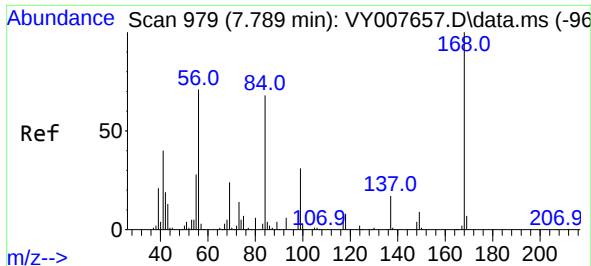
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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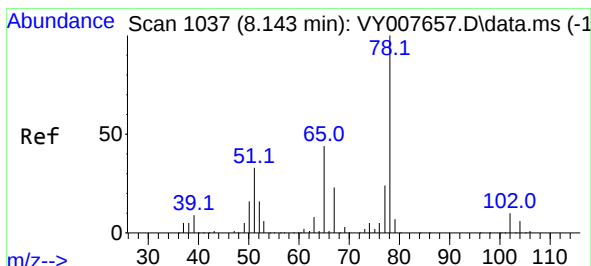
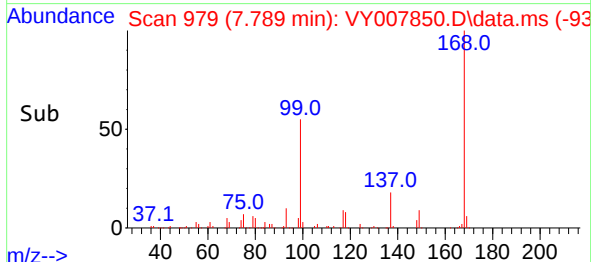
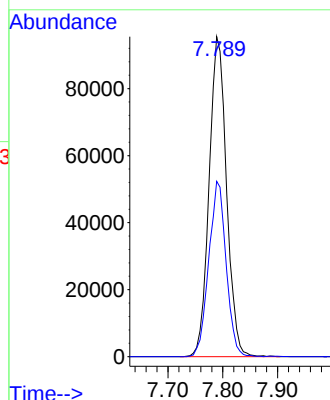
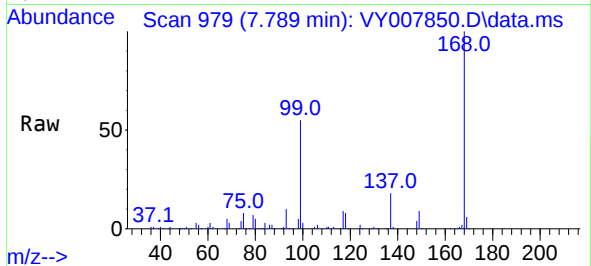




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

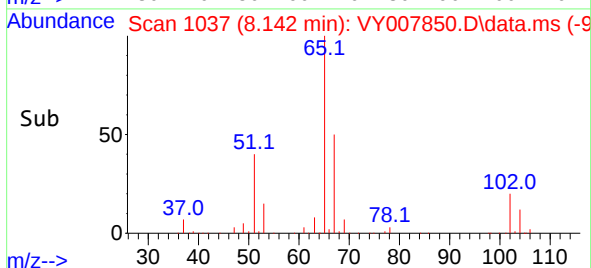
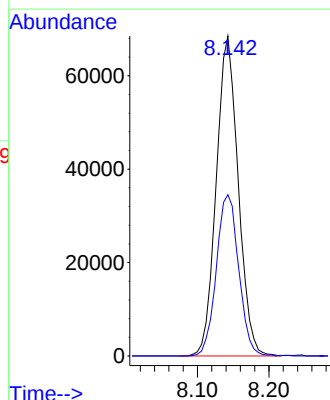
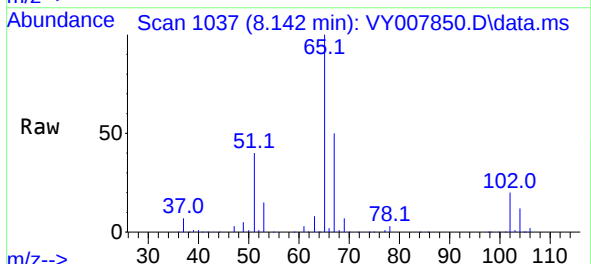
Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-4-5

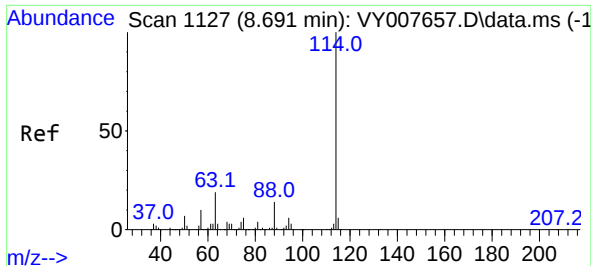
Tgt Ion:168 Resp: 210331
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.412 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

Tgt Ion: 65 Resp: 146237
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: VY007850.D

Acq: 11 Mar 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

CG-B3-030722-4-5

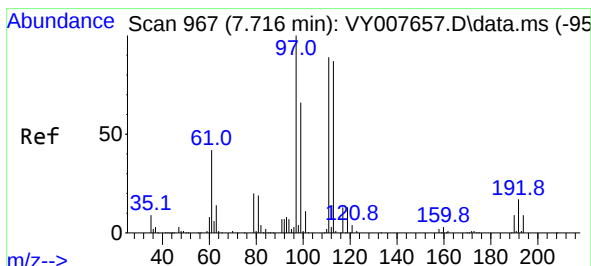
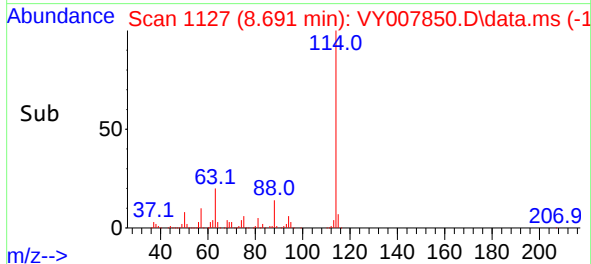
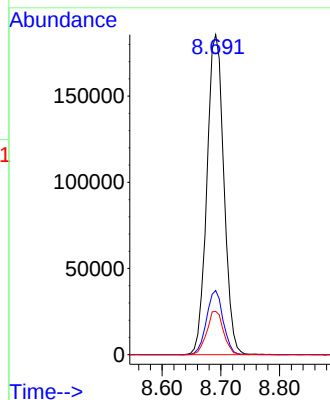
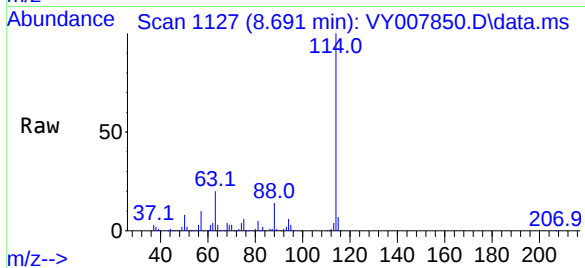
Tgt Ion:114 Resp: 371129

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.180 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007850.D

Acq: 11 Mar 2022 13:29

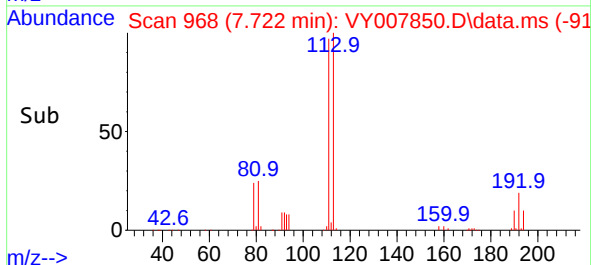
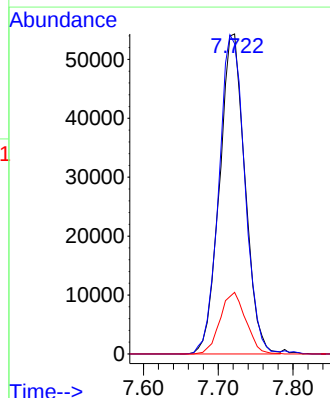
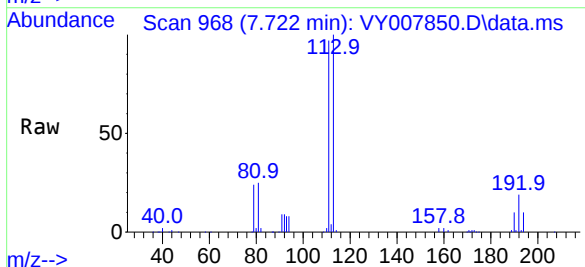
Tgt Ion:113 Resp: 128556

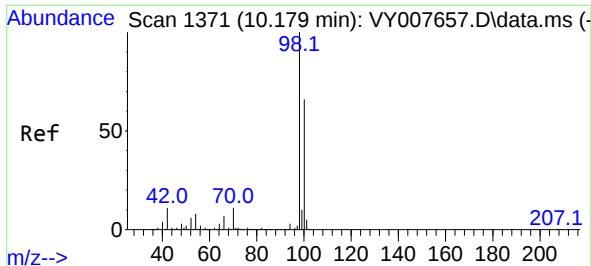
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.5 17.6 26.4

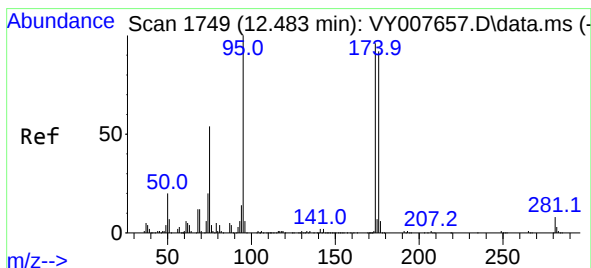
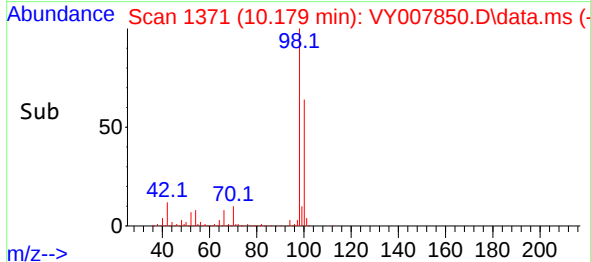
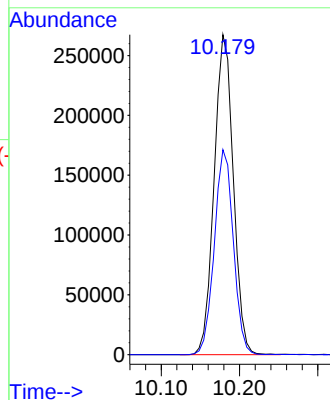
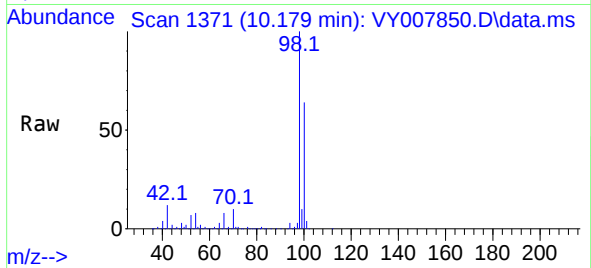




#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

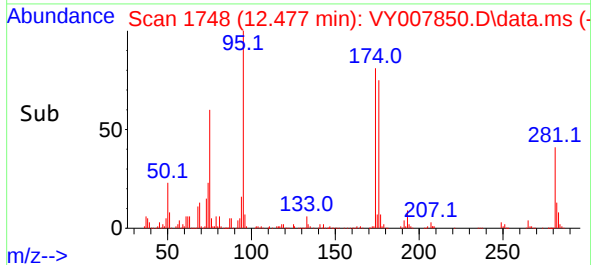
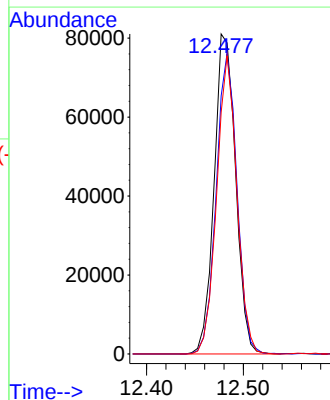
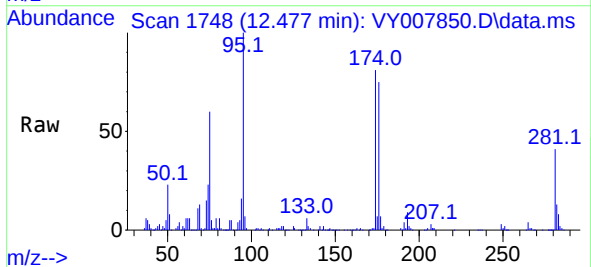
Instrument :
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CG-B3-030722-4-5

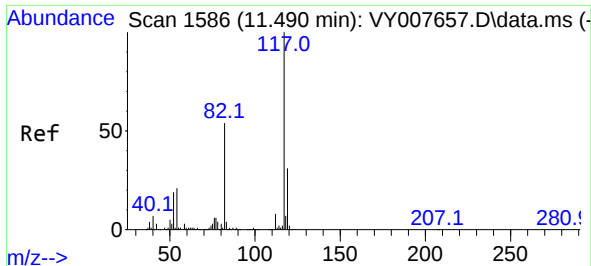
Tgt Ion: 98 Resp: 454965
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.321 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

Tgt Ion: 95 Resp: 124783
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY007850.D

Acq: 11 Mar 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

CG-B3-030722-4-5

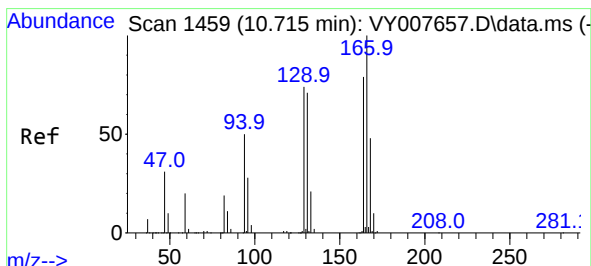
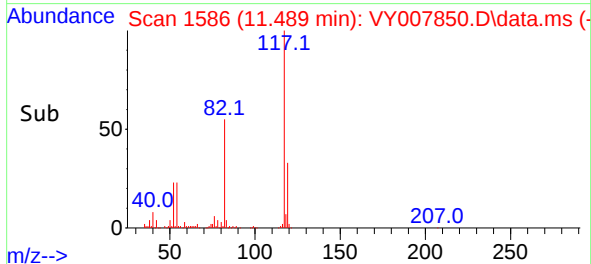
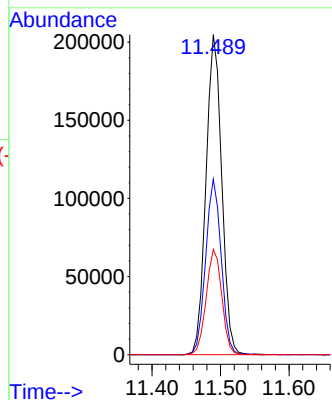
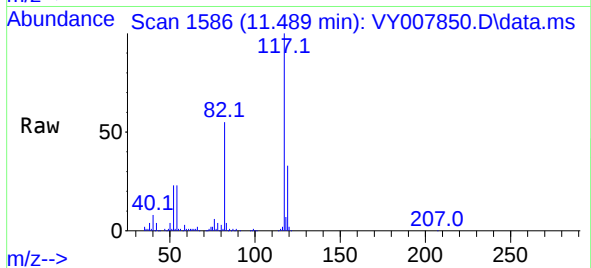
Tgt Ion:117 Resp: 327319

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 2.339 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY007850.D

Acq: 11 Mar 2022 13:29

Tgt Ion:164 Resp: 5675

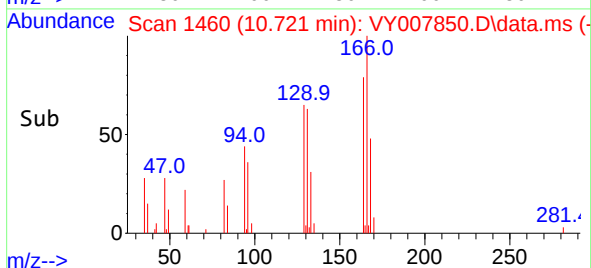
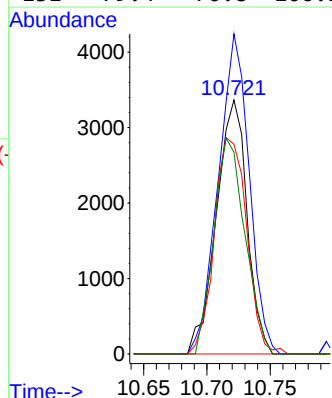
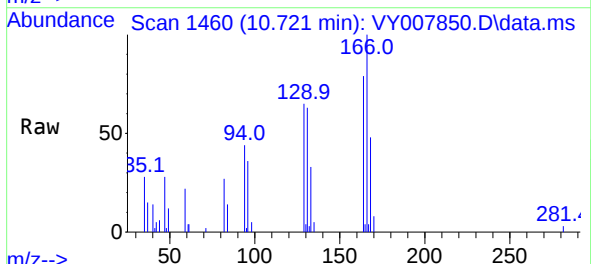
Ion Ratio Lower Upper

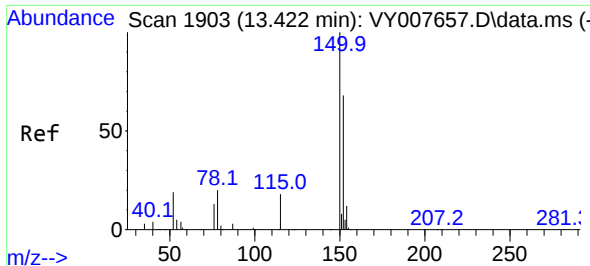
164 100

166 126.0 100.4 150.6

129 82.5 71.4 107.0

131 79.4 70.8 106.2

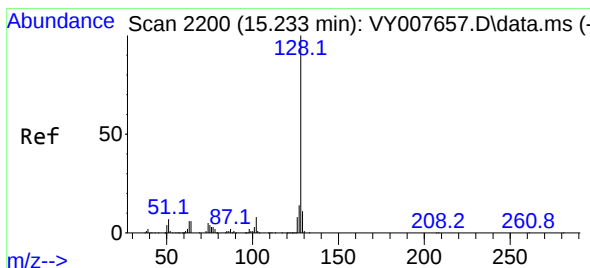
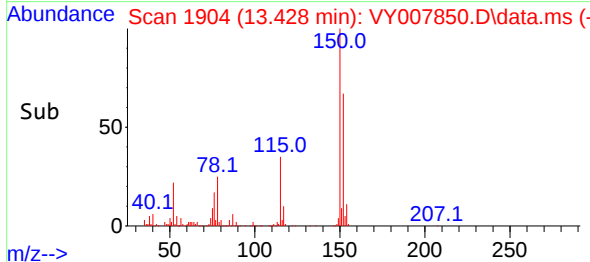
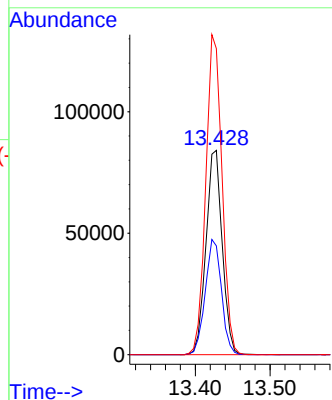
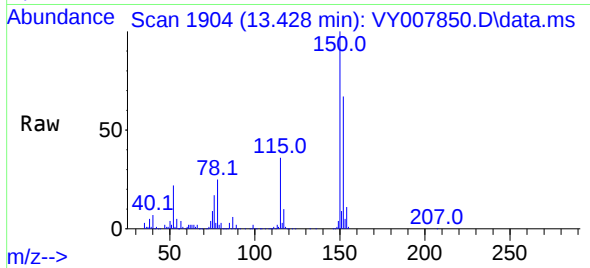




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-4-5

Tgt Ion:152 Resp: 127104
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 155.8 0.0 347.6



#95
Naphthalene
Concen: 4.553 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007850.D
Acq: 11 Mar 2022 13:29

Tgt Ion:128 Resp: 23631
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 12.0 8.4 12.6

