

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007854.D
 Acq On : 11 Mar 2022 15:03
 Operator : SY/MD
 Sample : N1848-01
 Misc : 7.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B4-030722-0-1

Quant Time: Mar 11 23:22:23 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	199071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	139931	67.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.280%
35) Dibromofluoromethane	7.716	113	121704	54.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.179	98	432654	52.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.477	95	127137	47.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

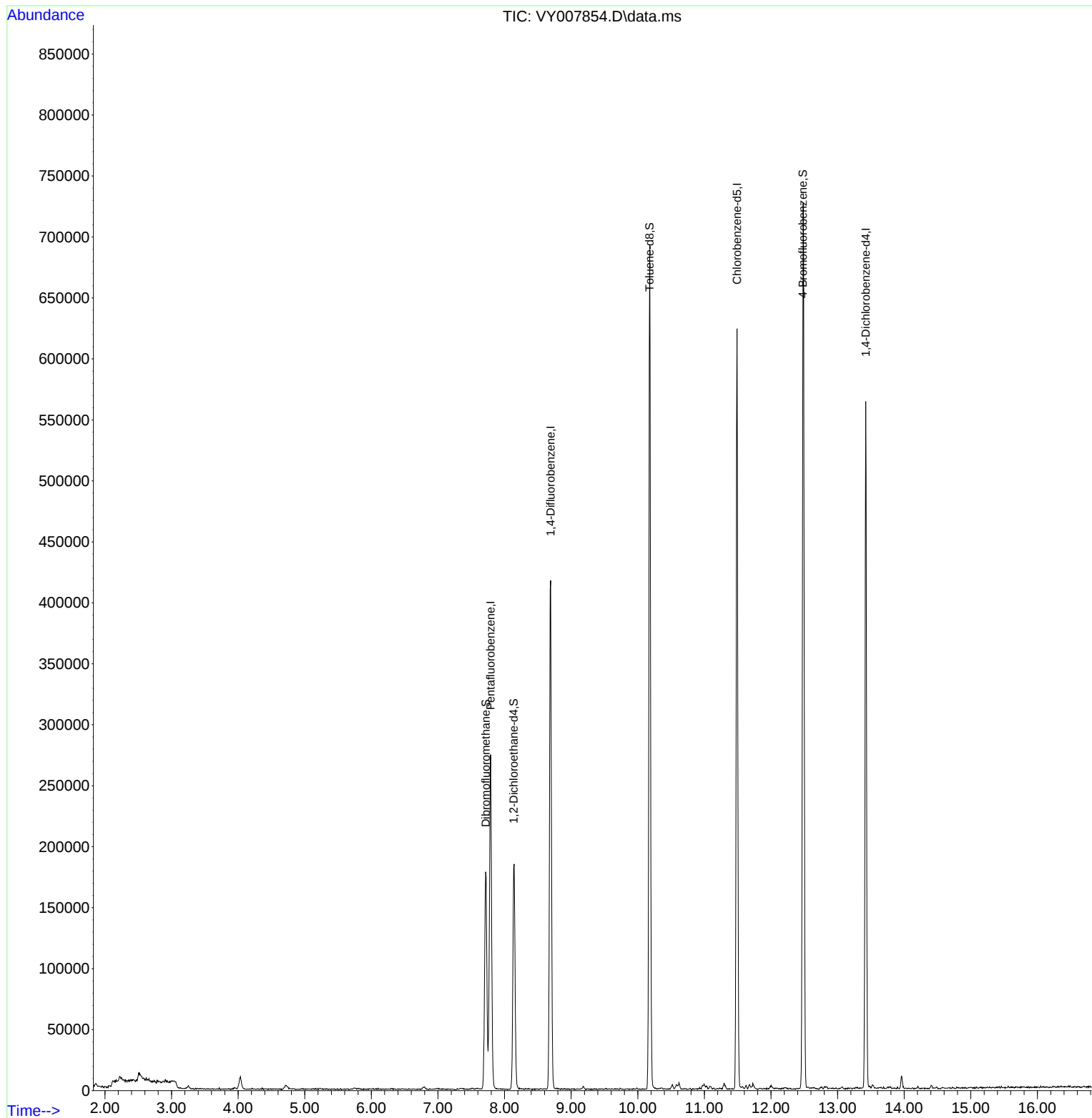
Target Compounds	Qvalue

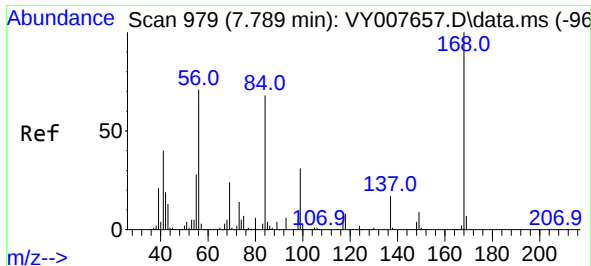
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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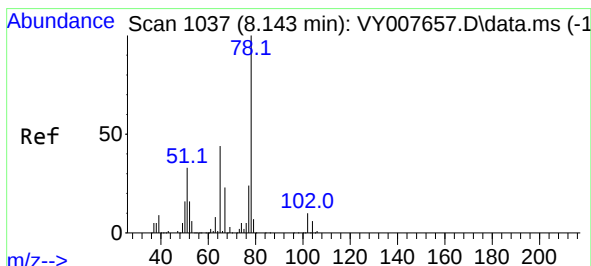
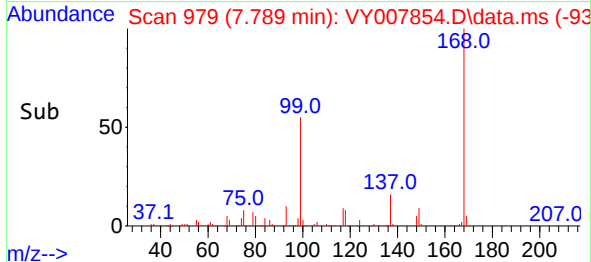
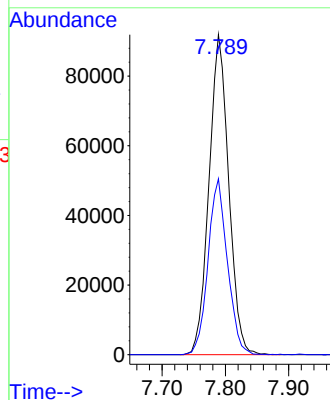
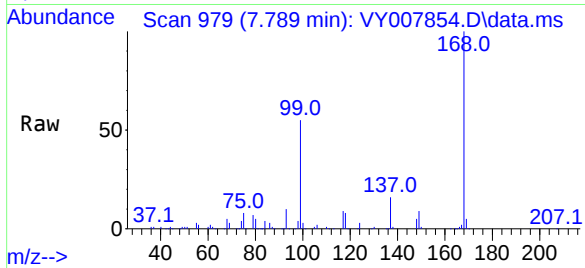




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

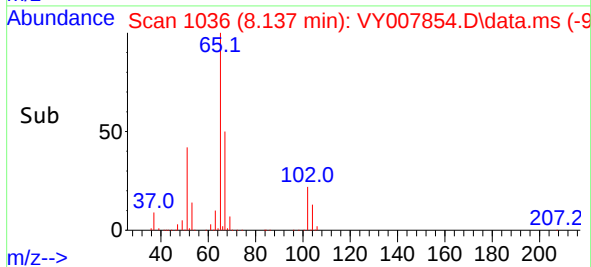
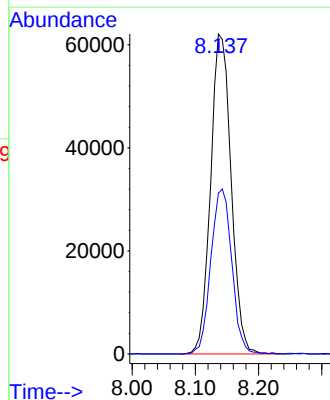
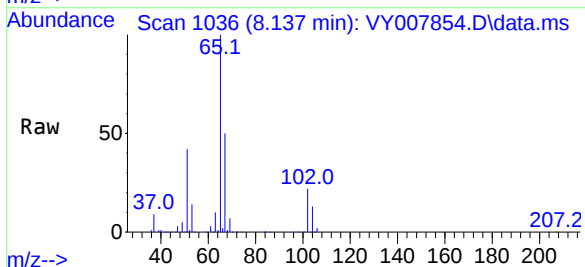
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

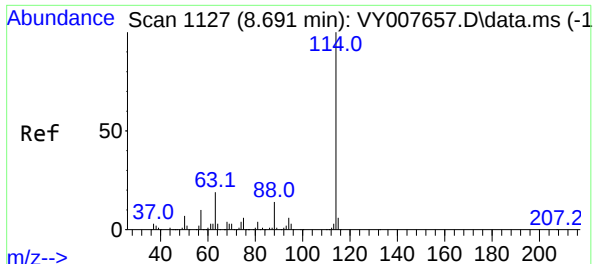
Tgt Ion:168 Resp: 199071
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.142 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 65 Resp: 139931
Ion Ratio Lower Upper
65 100
67 52.7 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: VY007854.D

Acq: 11 Mar 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

CG-B4-030722-0-1

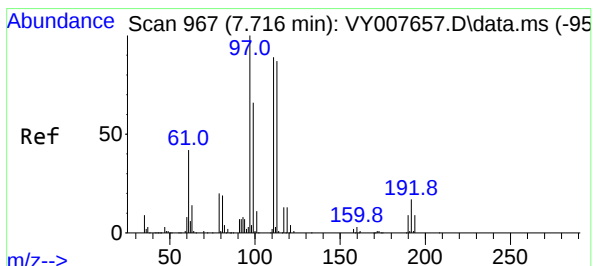
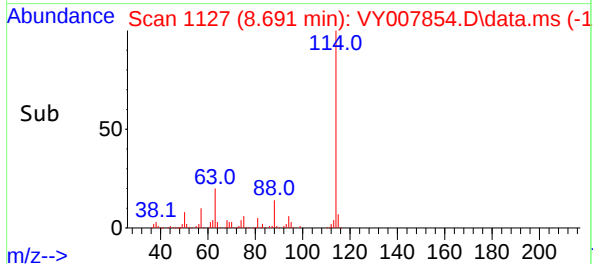
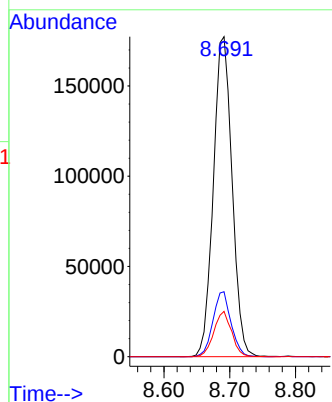
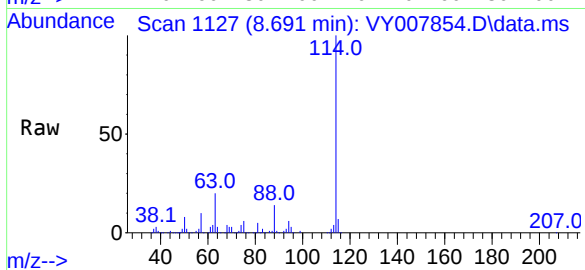
Tgt Ion:114 Resp: 351637

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.136 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007854.D

Acq: 11 Mar 2022 15:03

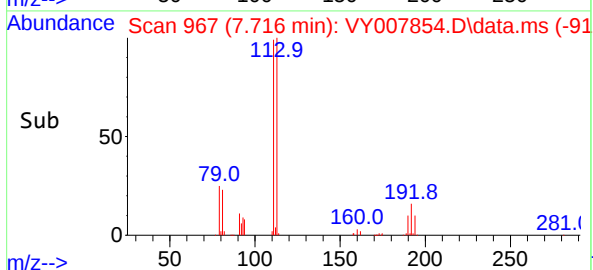
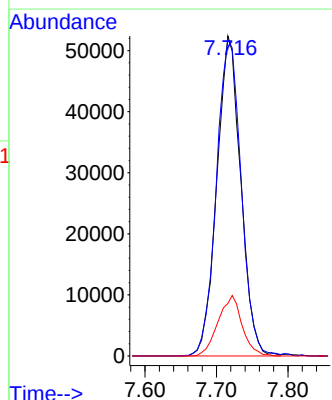
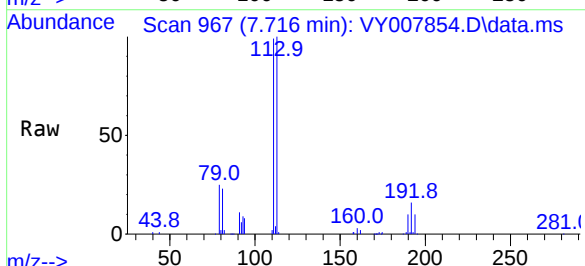
Tgt Ion:113 Resp: 121704

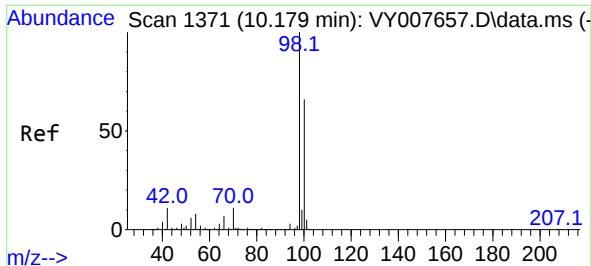
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.9 17.6 26.4

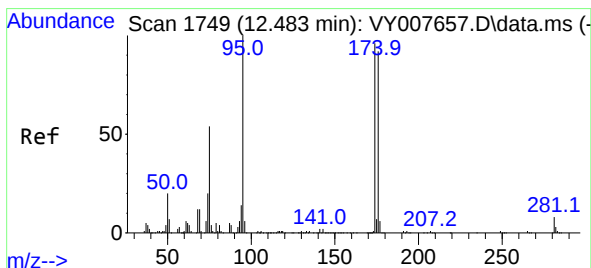
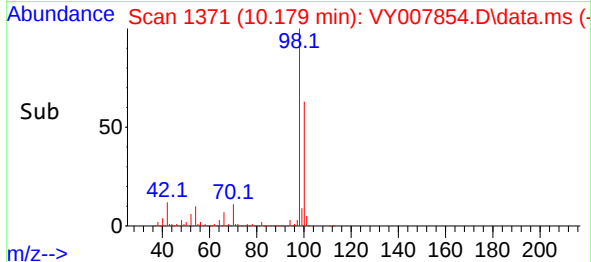
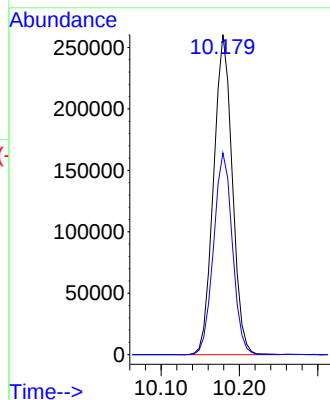
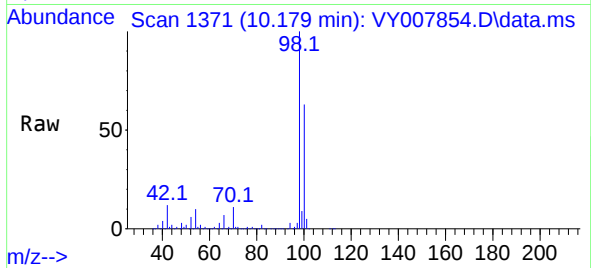




#50
Toluene-d8
Concen: 52.281 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

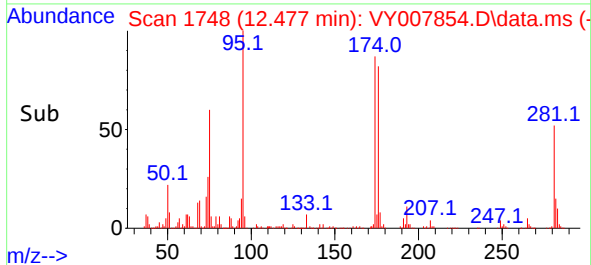
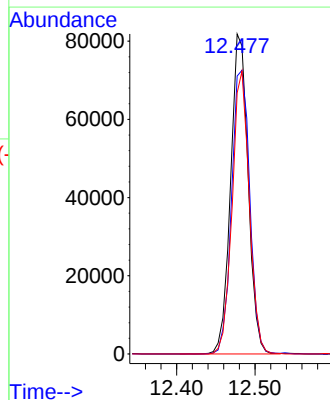
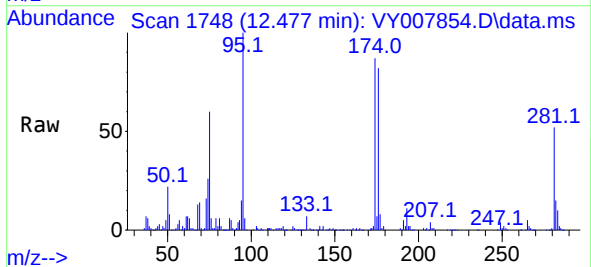
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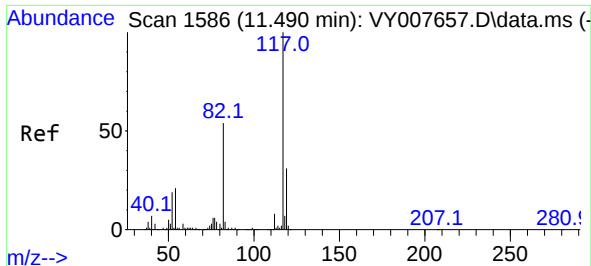
Tgt Ion: 98 Resp: 432654
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion: 95 Resp: 127137
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.1 0.0 175.8

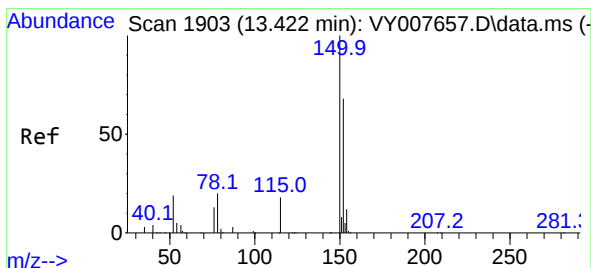
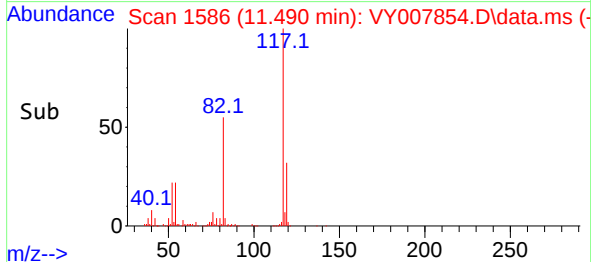
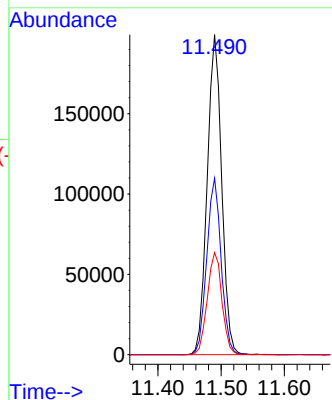
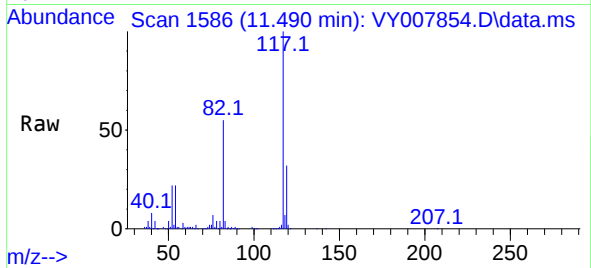




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007854.D
Acq: 11 Mar 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-0-1

Tgt Ion:117 Resp: 317731
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.9 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: VY007854.D
Acq: 11 Mar 2022 15:03

Tgt Ion:152 Resp: 132713
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 159.7 0.0 347.6

