

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007853.D
 Acq On : 11 Mar 2022 14:39
 Operator : SY/MD
 Sample : N1847-07
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B1-030722-4-5

Quant Time: Mar 11 23:22:10 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	209086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145967	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147089	67.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.400%
35) Dibromofluoromethane	7.716	113	126870	54.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.700%
50) Toluene-d8	10.179	98	454354	53.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.720%
62) 4-Bromofluorobenzene	12.483	95	136230	49.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

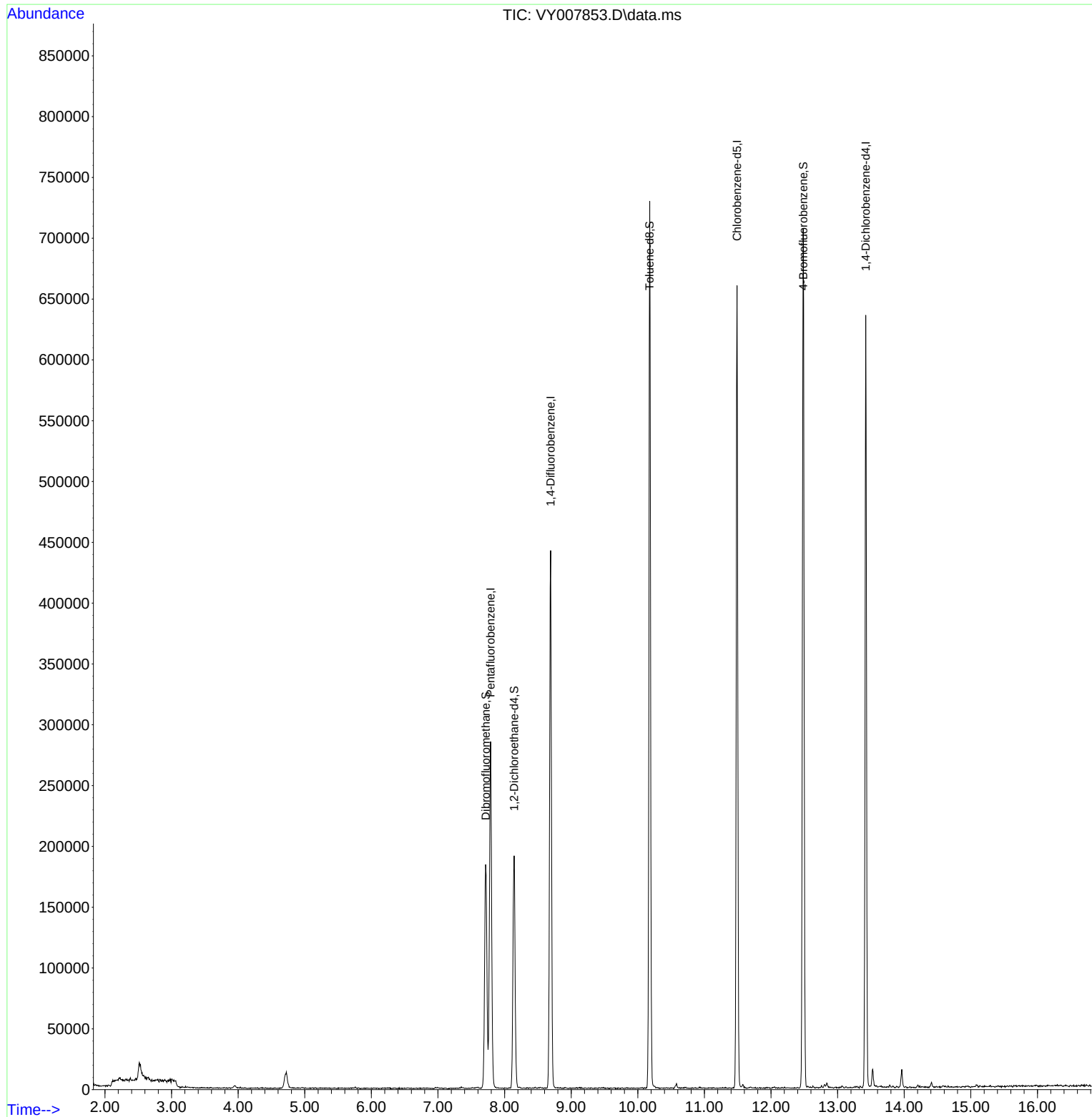
Target Compounds	Qvalue

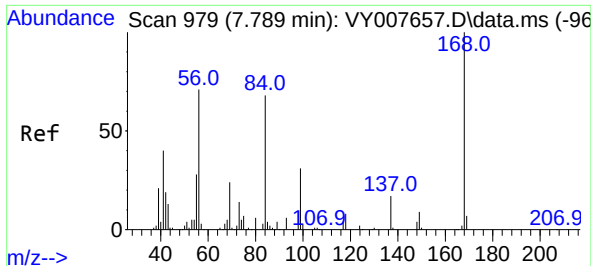
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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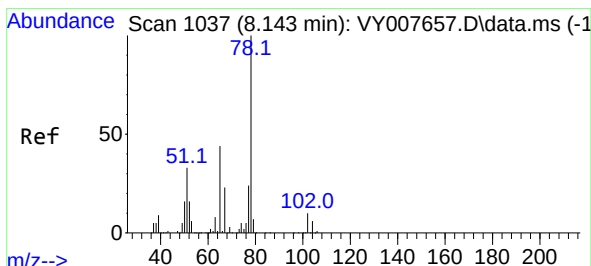
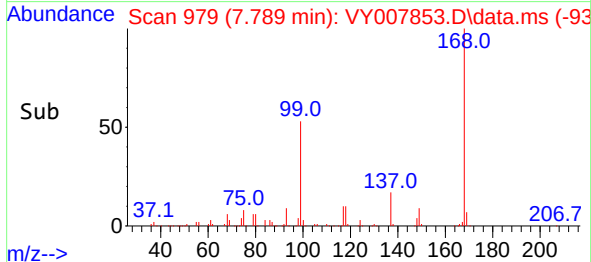
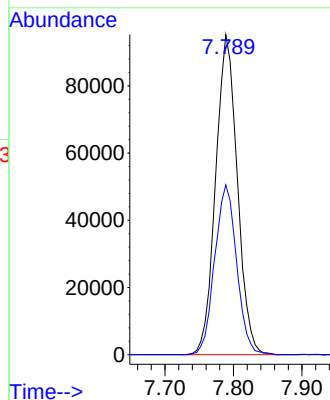
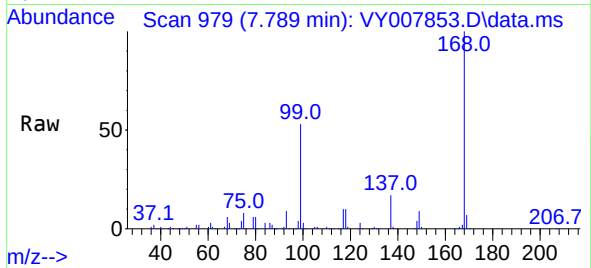




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

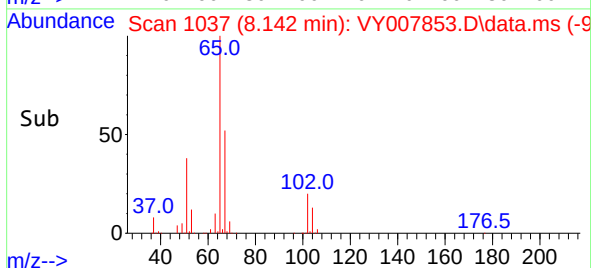
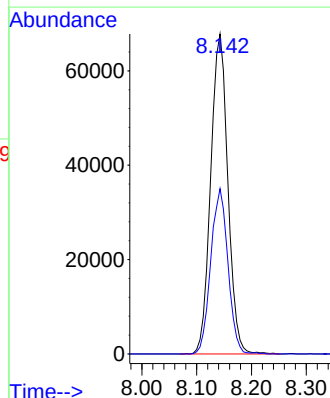
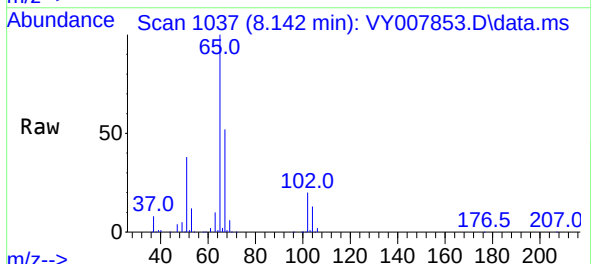
Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

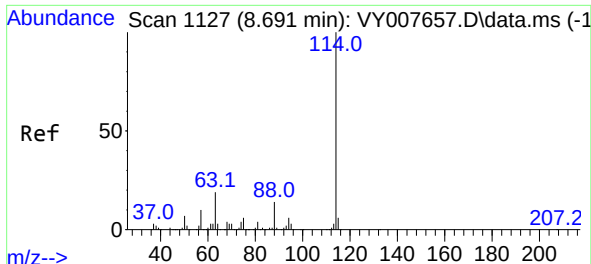
Tgt Ion:168 Resp: 209086
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.196 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 65 Resp: 147089
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007853.D

Acq: 11 Mar 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

CG-B1-030722-4-5

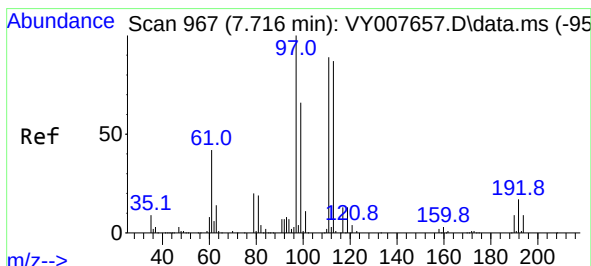
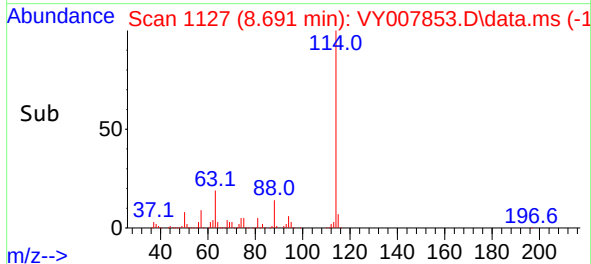
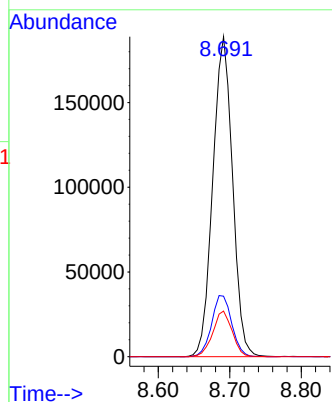
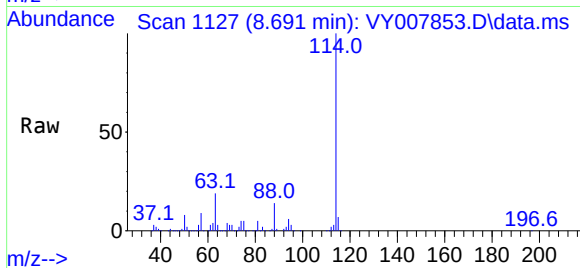
Tgt Ion:114 Resp: 361790

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.850 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007853.D

Acq: 11 Mar 2022 14:39

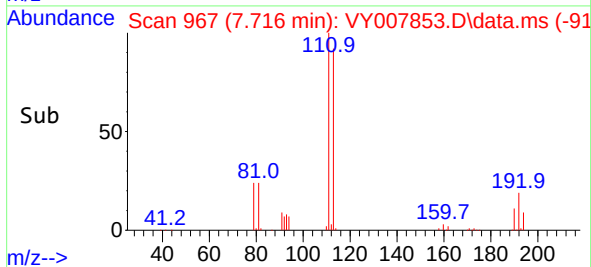
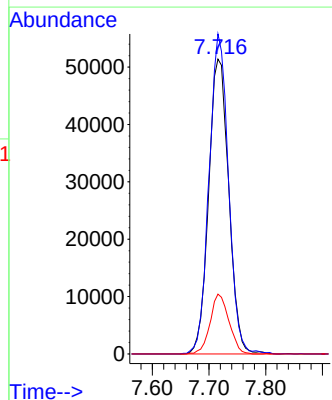
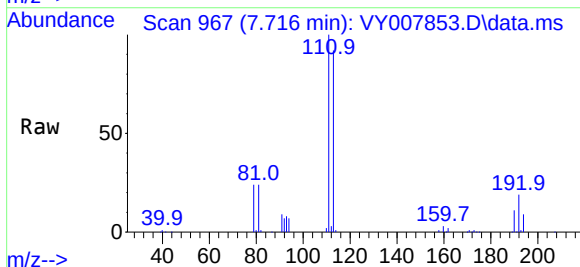
Tgt Ion:113 Resp: 126870

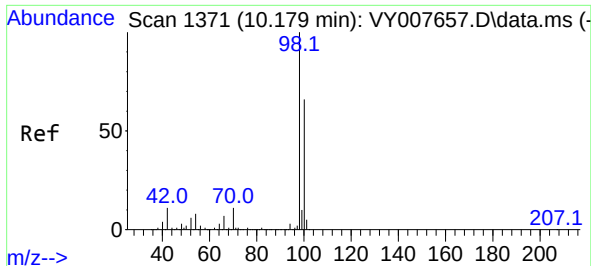
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 18.9 17.6 26.4

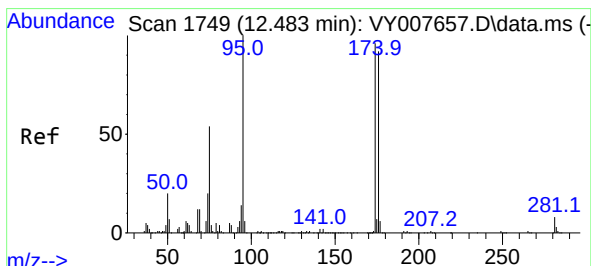
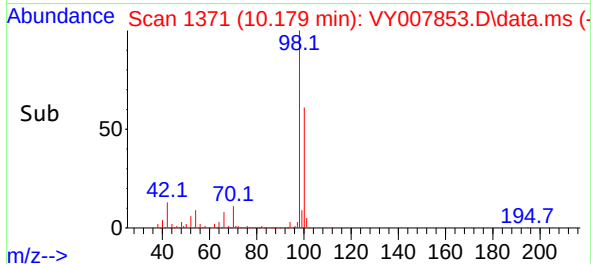
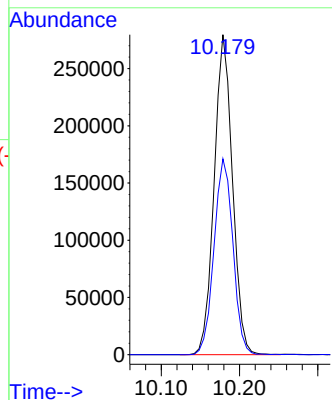
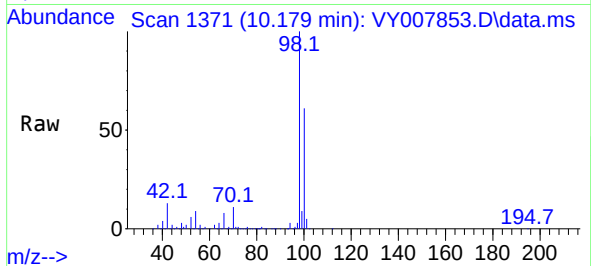




#50
Toluene-d8
Concen: 53.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

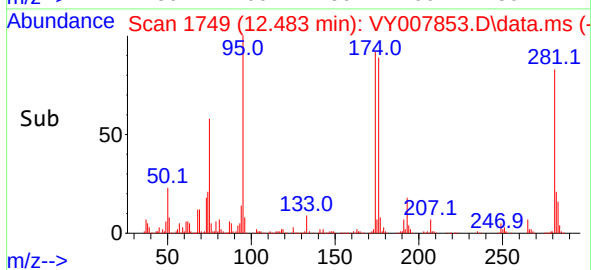
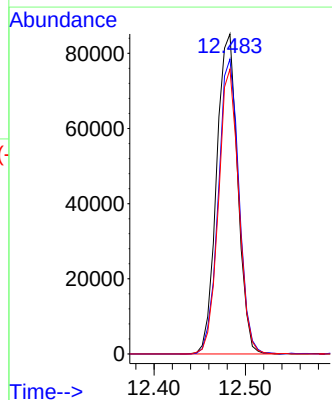
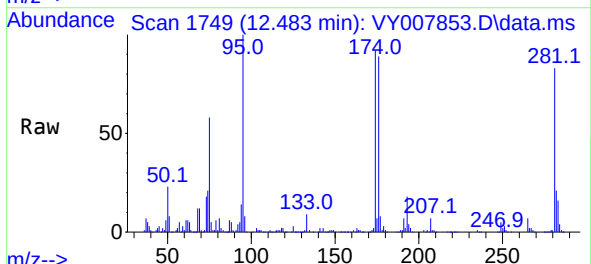
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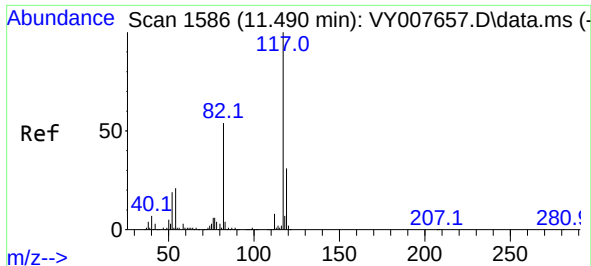
Tgt Ion: 98 Resp: 454354
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion: 95 Resp: 136230
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 85.6 0.0 175.8

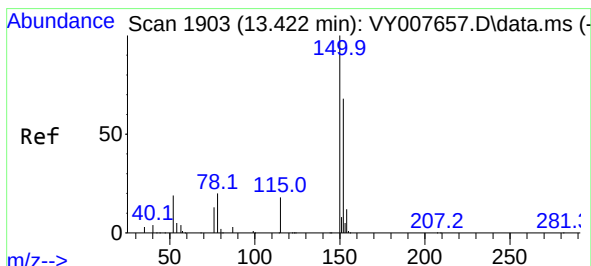
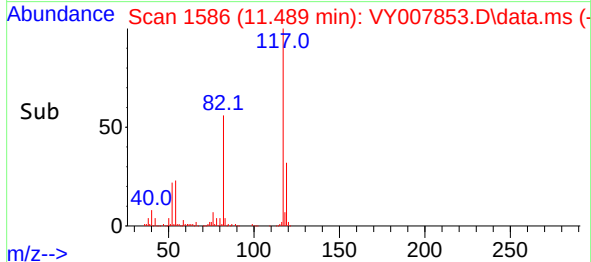
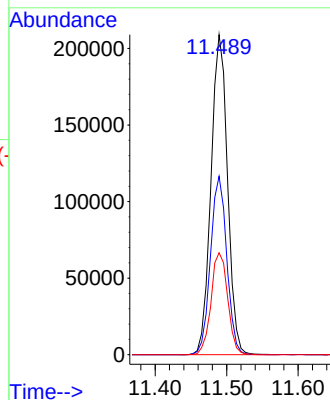
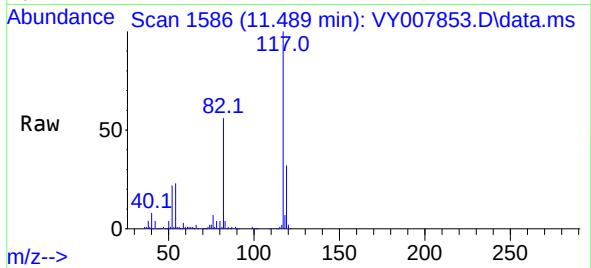




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007853.D
Acq: 11 Mar 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
CG-B1-030722-4-5

Tgt Ion:117 Resp: 335174
Ion Ratio Lower Upper
117 100
82 55.8 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: VY007853.D
Acq: 11 Mar 2022 14:39

Tgt Ion:152 Resp: 145967
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 160.6 0.0 347.6

