

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007861.D
 Acq On : 11 Mar 2022 17:47
 Operator : SY/MD
 Sample : N1864-08
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-5-6-DUP

Quant Time: Mar 11 23:23:58 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	187042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131254	67.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.060%
35) Dibromofluoromethane	7.716	113	116842	55.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	418102	53.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.483	95	128754	51.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%

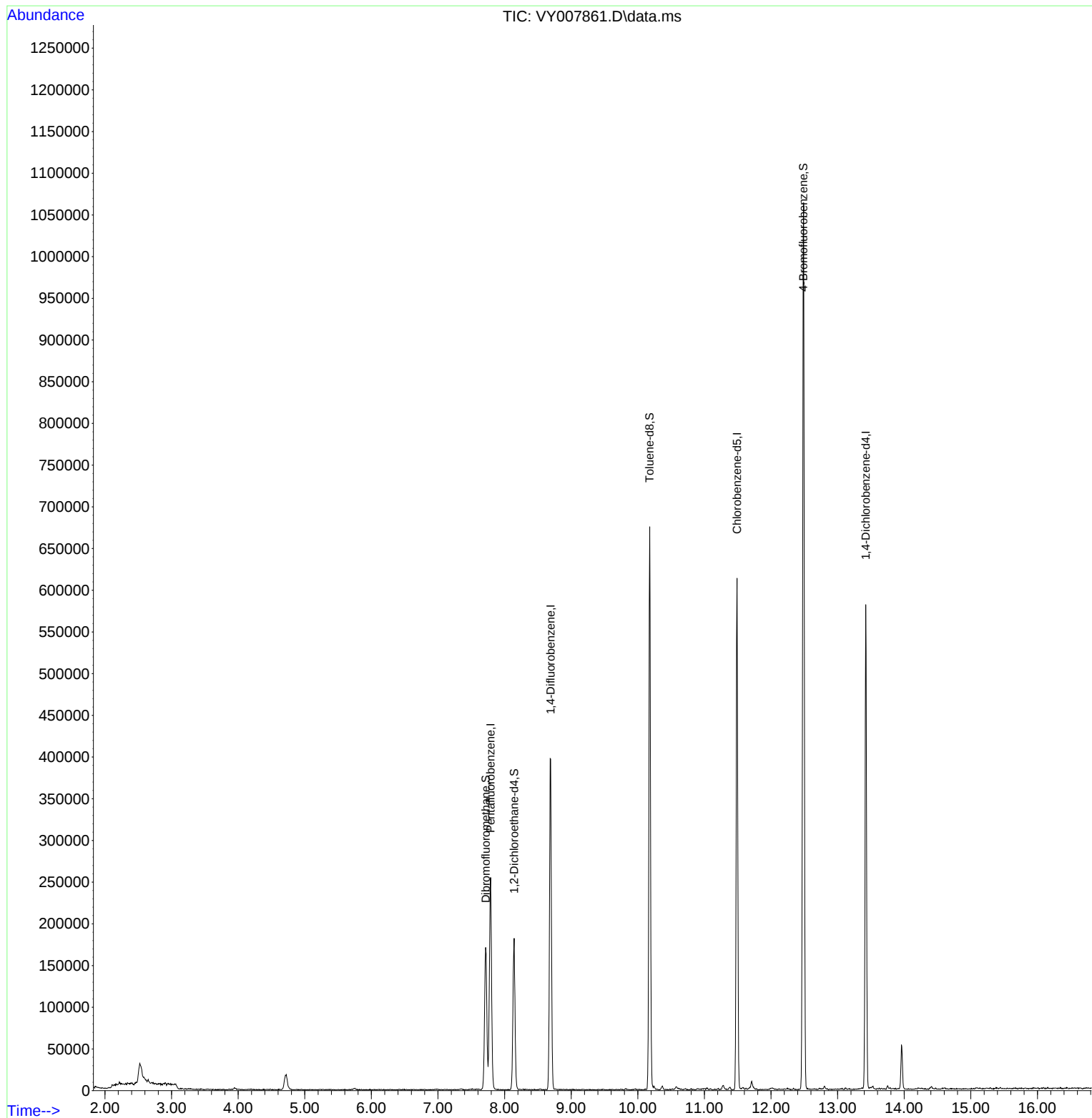
Target Compounds	Qvalue

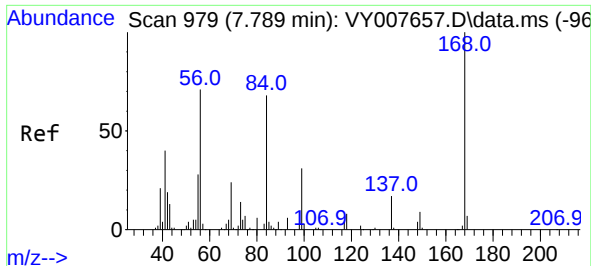
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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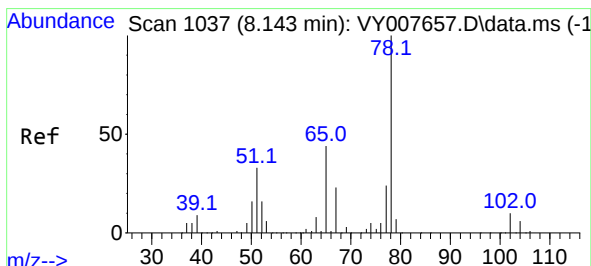
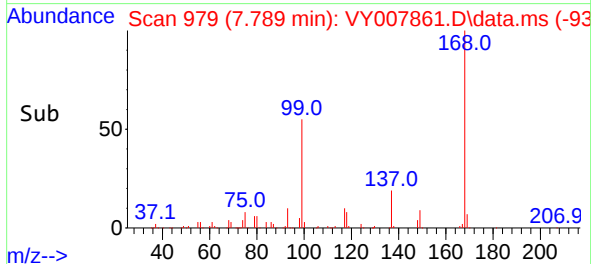
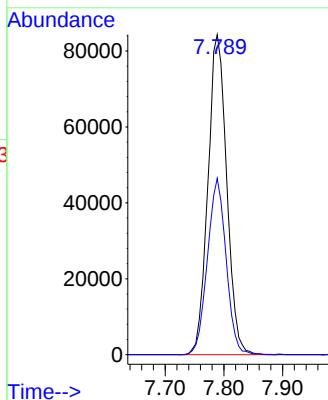
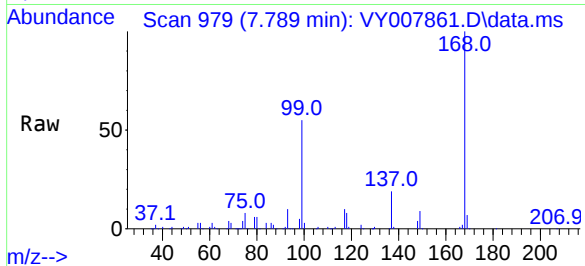




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

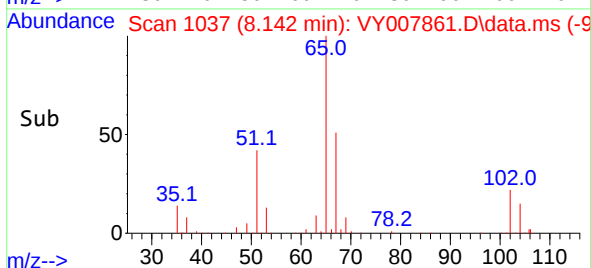
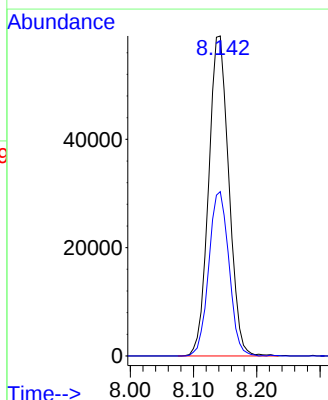
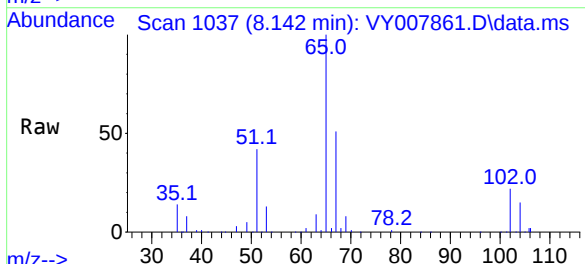
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

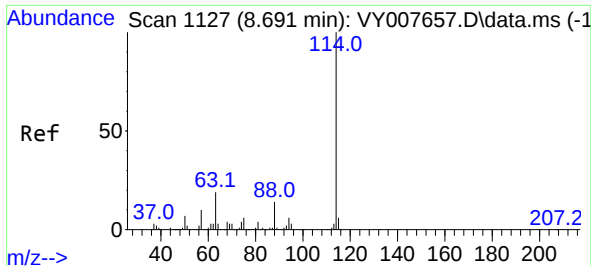
Tgt Ion:168 Resp: 187042
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.029 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 65 Resp: 131254
Ion Ratio Lower Upper
65 100
67 51.1 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: VY007861.D

Acq: 11 Mar 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

MB-B2-030922-5-6-DUP

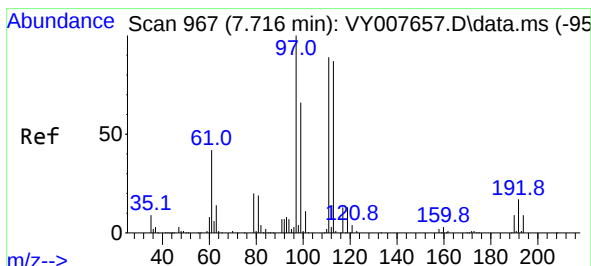
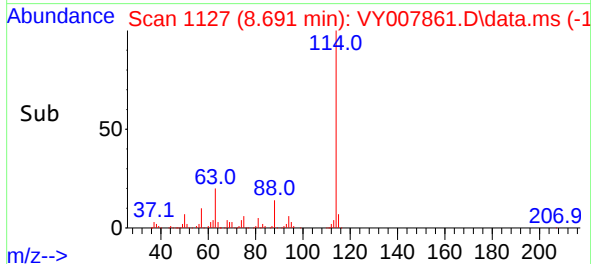
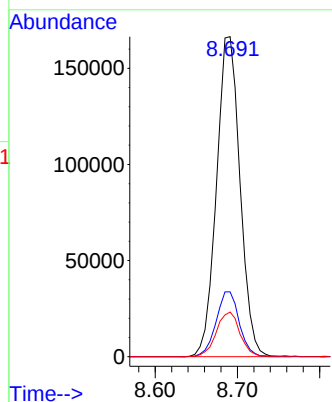
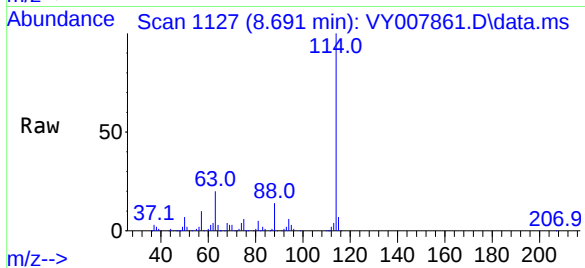
Tgt Ion:114 Resp: 331199

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.180 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007861.D

Acq: 11 Mar 2022 17:47

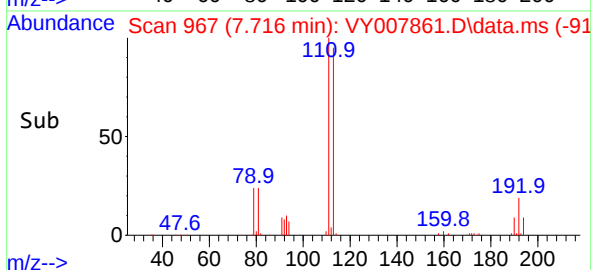
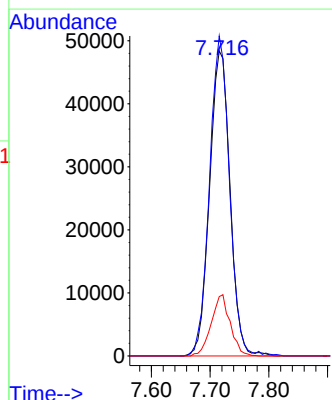
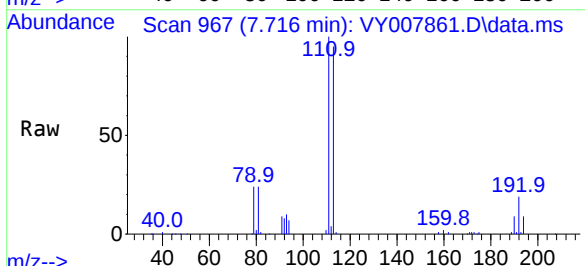
Tgt Ion:113 Resp: 116842

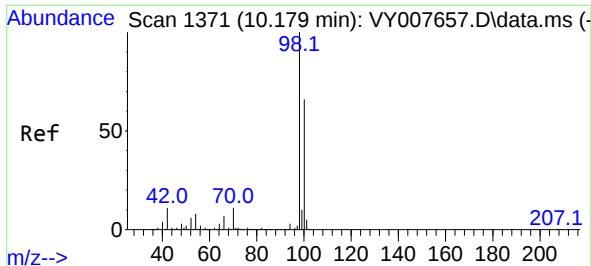
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.6 17.6 26.4

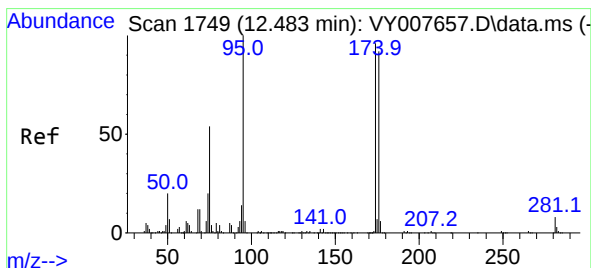
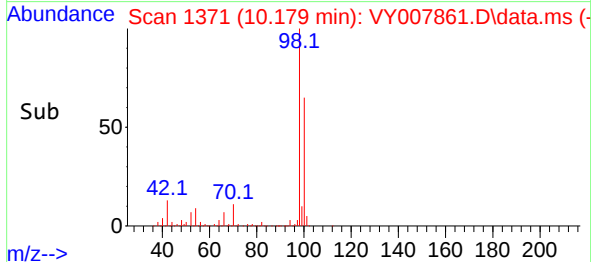
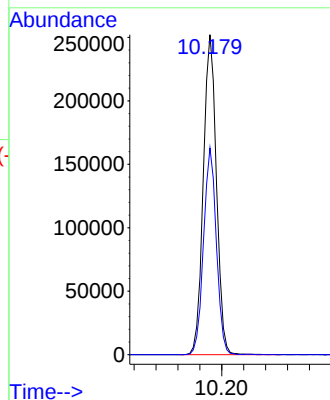
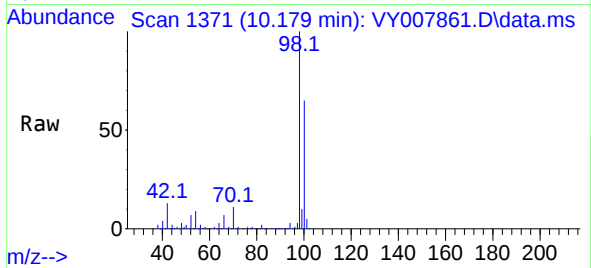




#50
Toluene-d8
Concen: 53.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

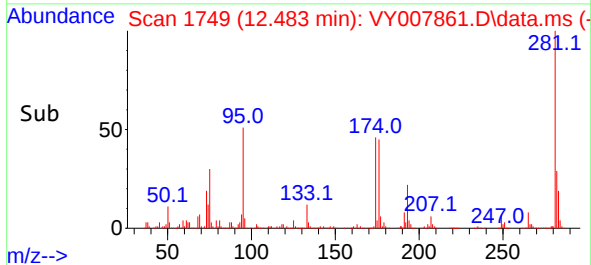
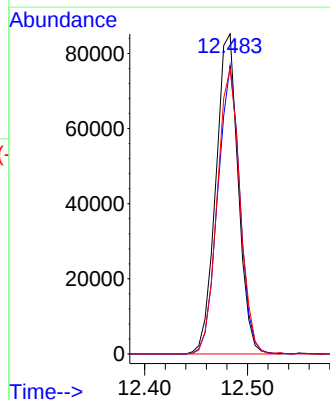
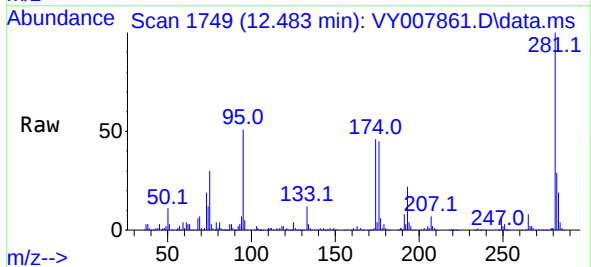
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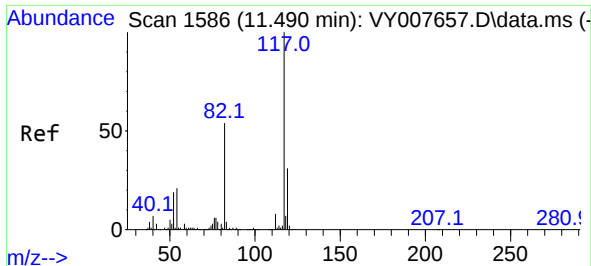
Tgt Ion: 98 Resp: 418102
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 95 Resp: 128754
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 90.7 0.0 175.8

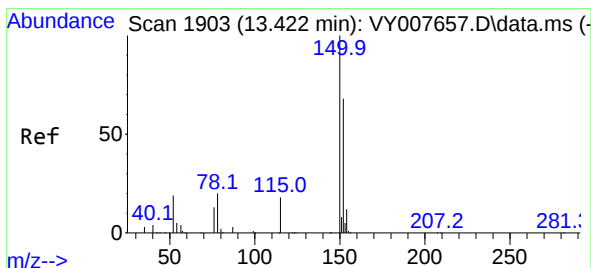
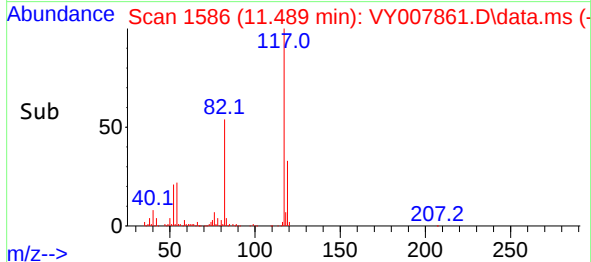
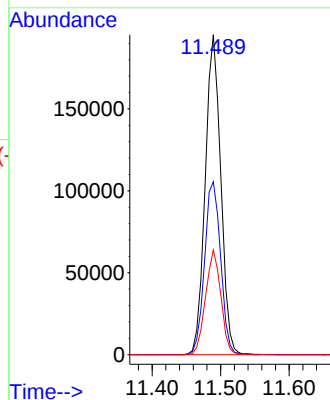
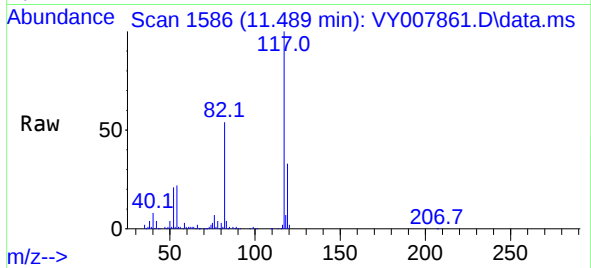




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion:117 Resp: 308734
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.7 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: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion:152 Resp: 134853
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 158.3 0.0 347.6

