

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007862.D
 Acq On : 11 Mar 2022 18:10
 Operator : SY/MD
 Sample : N1864-10
 Misc : 7.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B1-030922-0-1

Quant Time: Mar 11 23:24:12 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	190165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126310	63.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.900%
35) Dibromofluoromethane	7.716	113	111048	52.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	405913	51.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.477	95	119294	47.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.200%

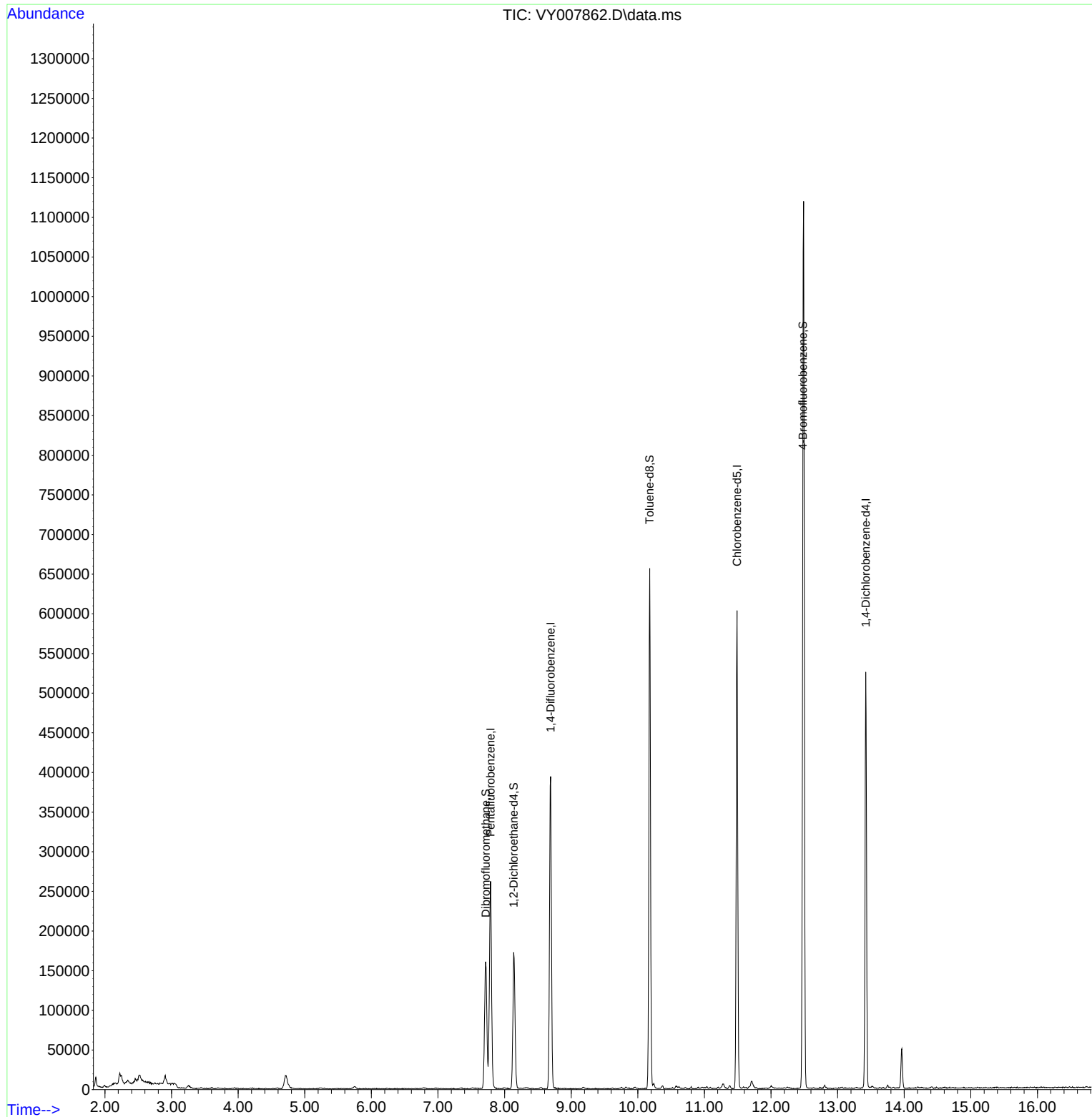
Target Compounds	Qvalue

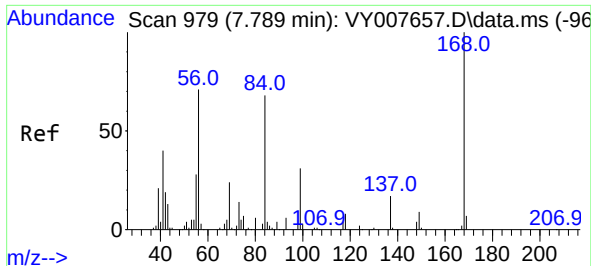
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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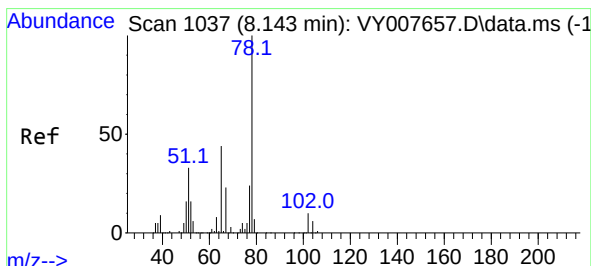
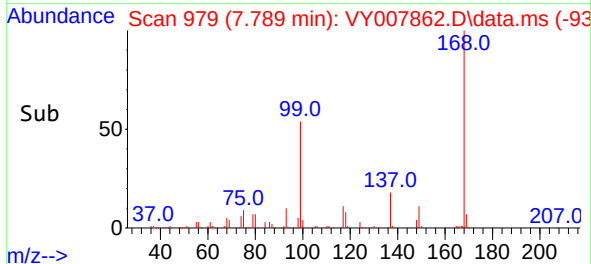
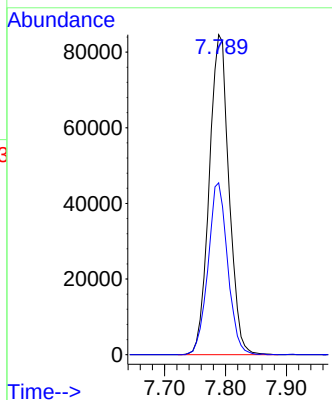
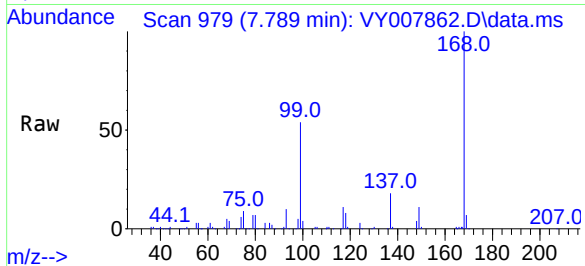




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

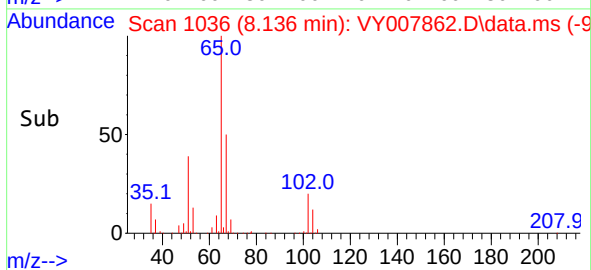
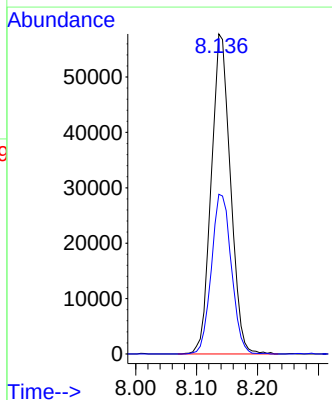
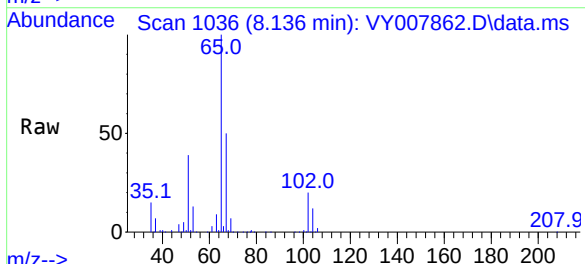
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

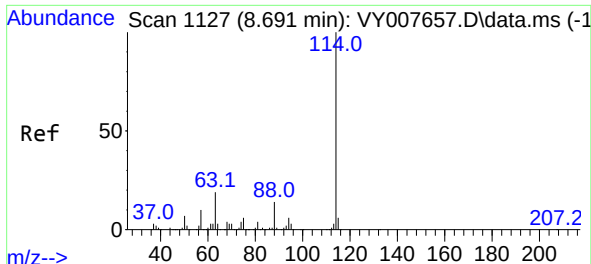
Tgt Ion:168 Resp: 190165
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.445 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 65 Resp: 126310
Ion Ratio Lower Upper
65 100
67 52.0 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: VY007862.D

Acq: 11 Mar 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

MB-B1-030922-0-1

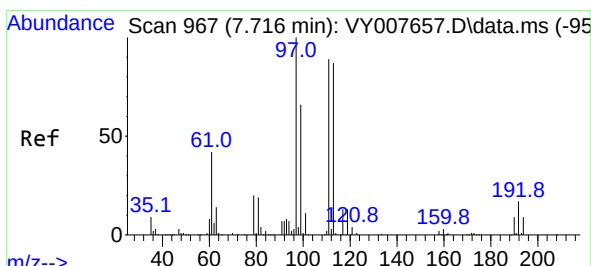
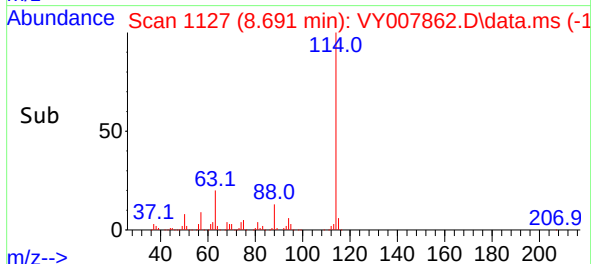
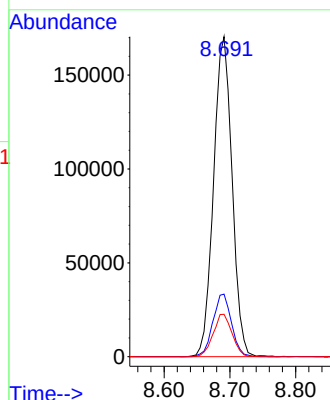
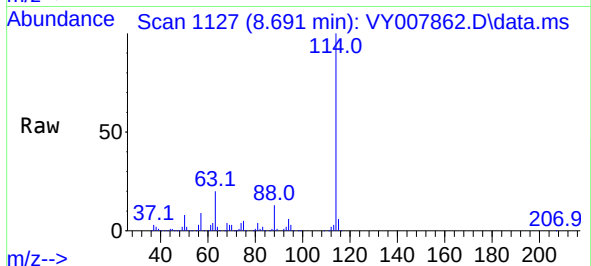
Tgt Ion:114 Resp: 333855

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.027 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007862.D

Acq: 11 Mar 2022 18:10

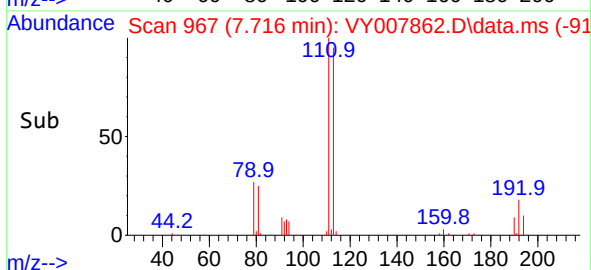
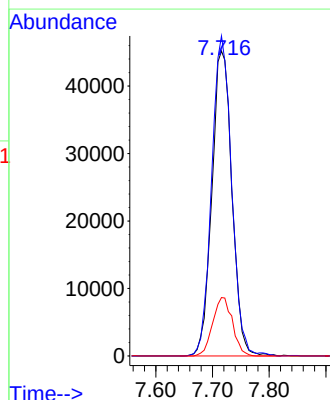
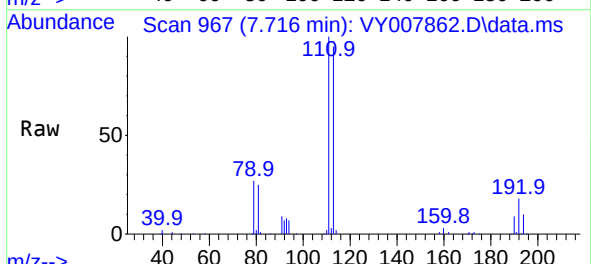
Tgt Ion:113 Resp: 111048

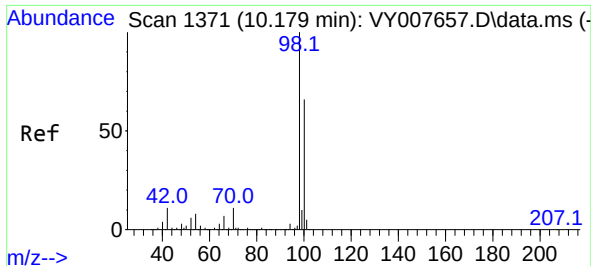
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.9 17.6 26.4

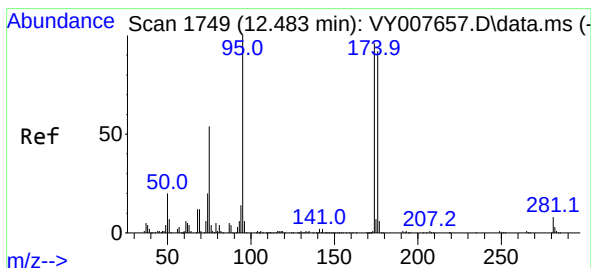
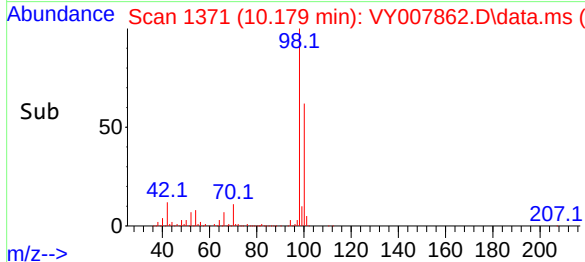
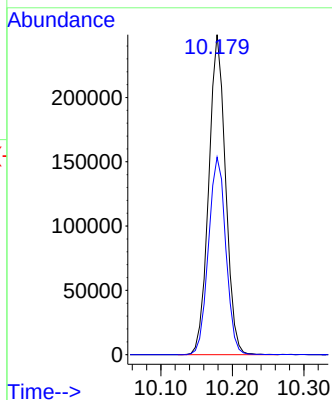
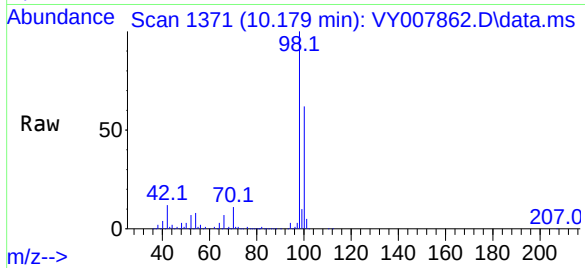




#50
Toluene-d8
Concen: 51.663 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

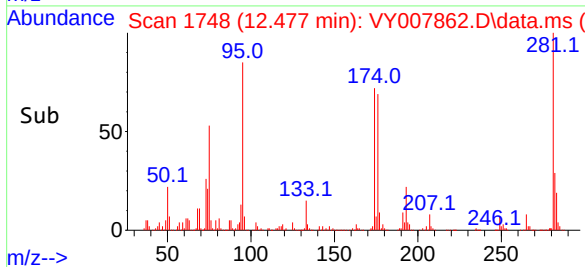
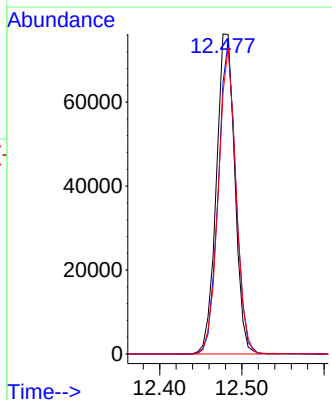
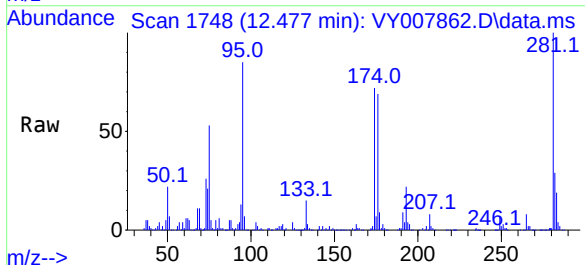
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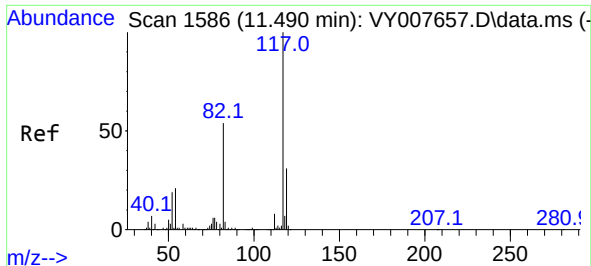
Tgt Ion: 98 Resp: 405913
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.102 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 95 Resp: 119294
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 91.2 0.0 175.8



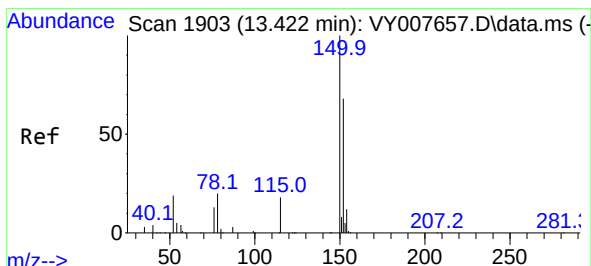
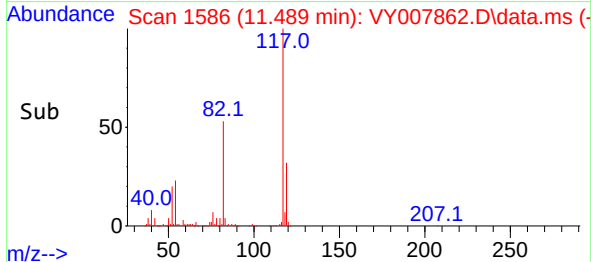
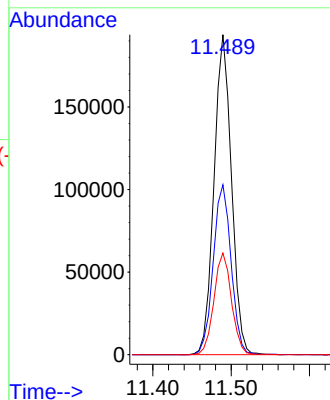
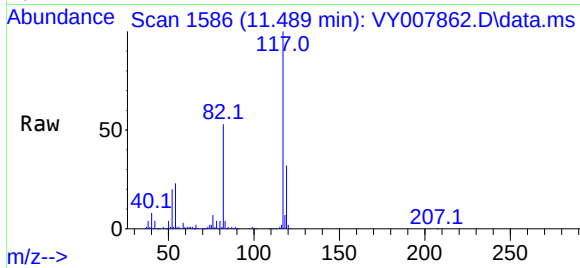


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

Tgt Ion:117 Resp: 299703

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.7	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: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion:152 Resp: 125134

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	157.2	0.0	347.6

