

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007838.D
 Acq On : 10 Mar 2022 20:16
 Operator : SY/MD
 Sample : N1867-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-030922

Quant Time: Mar 11 00:00:08 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	13253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10960	78.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.980%
35) Dibromofluoromethane	7.716	113	9100	62.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.560%
50) Toluene-d8	10.185	98	26736	50.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.483	95	8233	47.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.740%

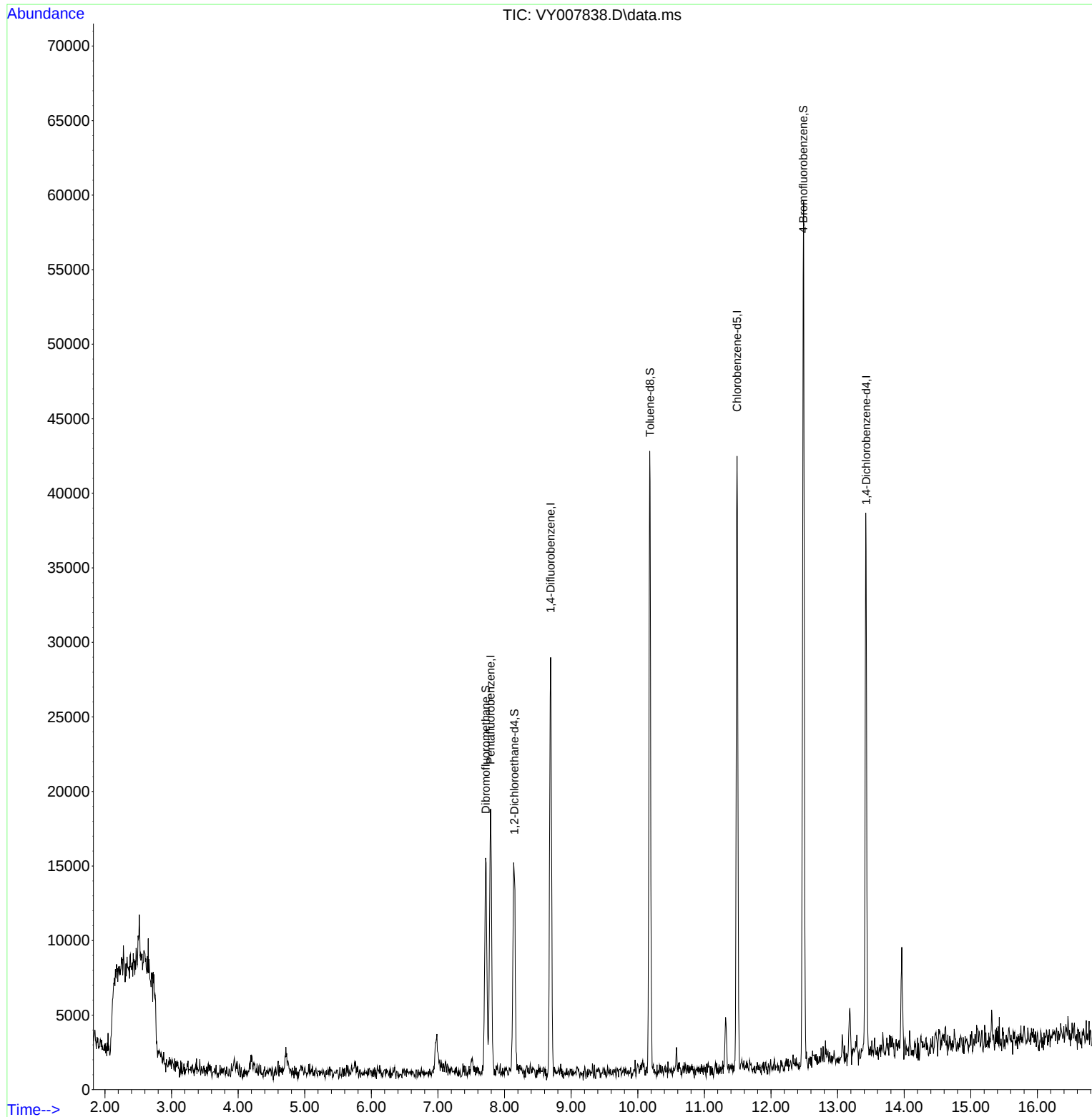
Target Compounds	Qvalue

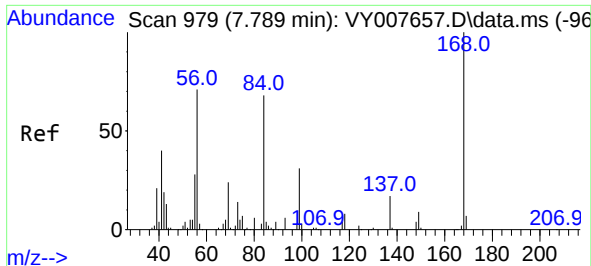
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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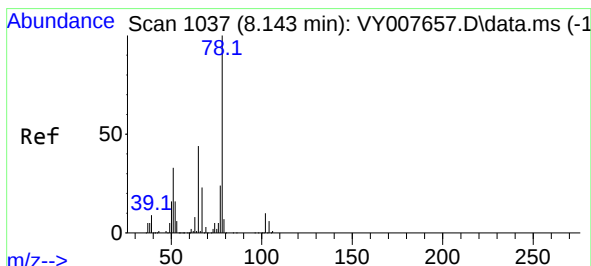
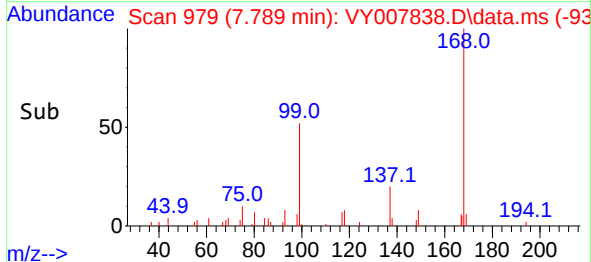
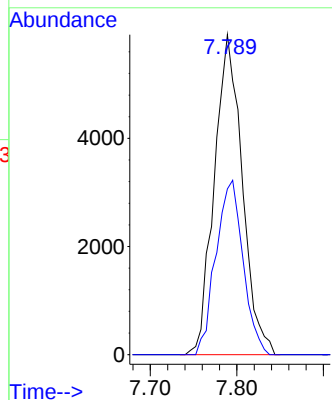
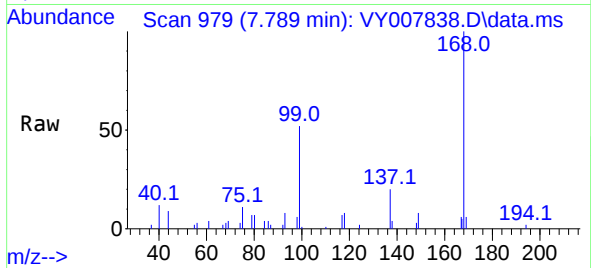




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

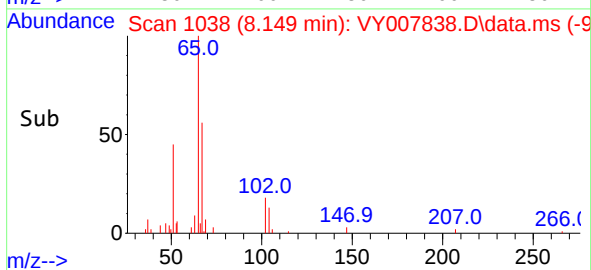
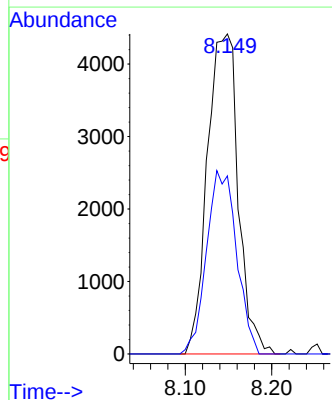
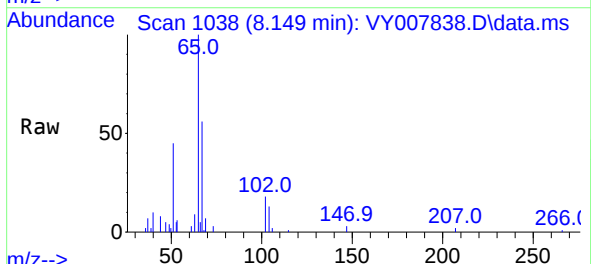
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-030922

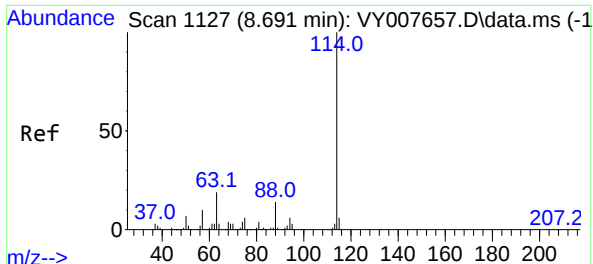
Tgt Ion:168 Resp: 13253
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 78.993 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

Tgt Ion: 65 Resp: 10960
Ion Ratio Lower Upper
65 100
67 55.7 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: VY007838.D

Acq: 10 Mar 2022 20:16

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-030922

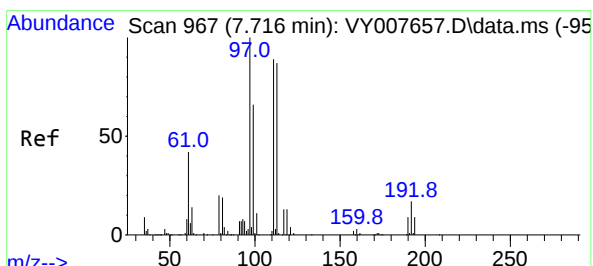
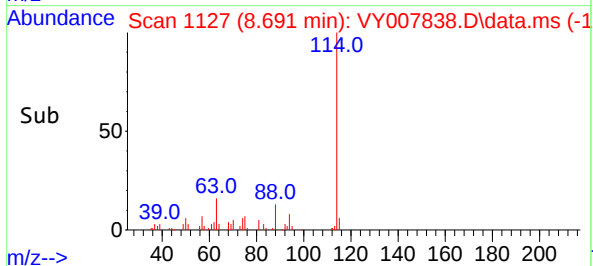
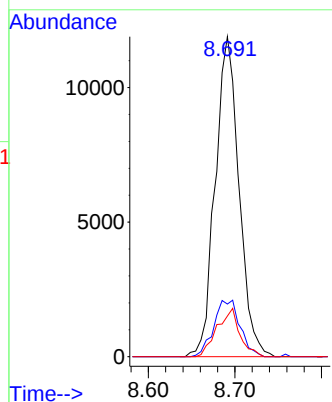
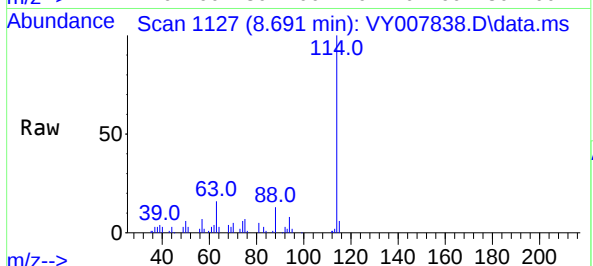
Tgt Ion:114 Resp: 22672

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 12.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.781 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007838.D

Acq: 10 Mar 2022 20:16

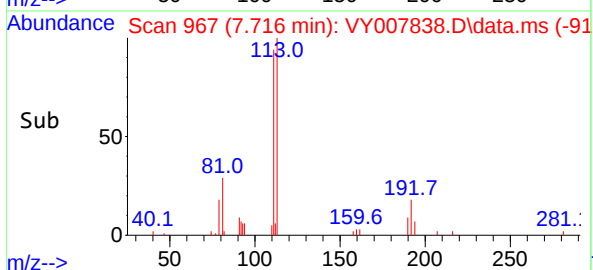
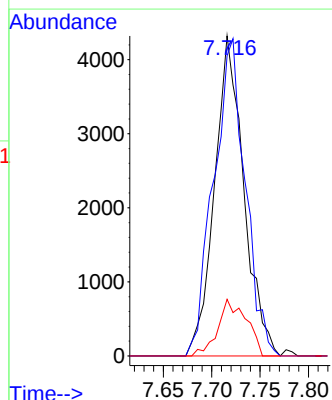
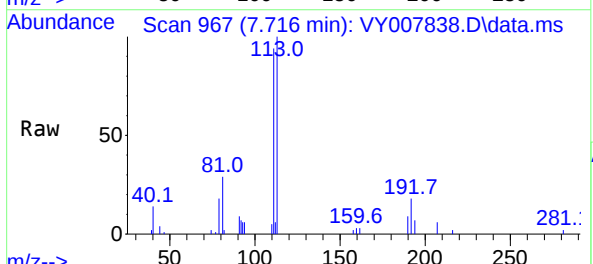
Tgt Ion:113 Resp: 9100

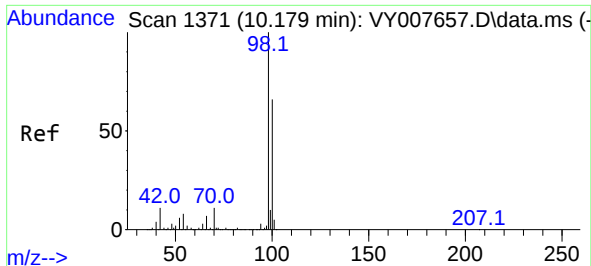
Ion Ratio Lower Upper

113 100

111 106.8 82.6 124.0

192 17.2 17.6 26.4#

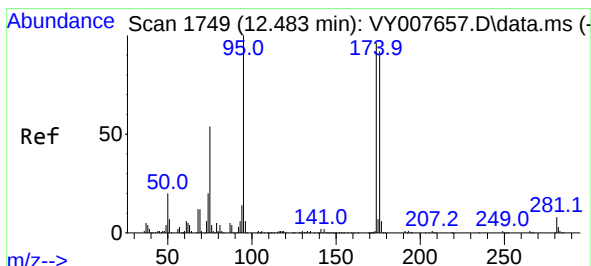
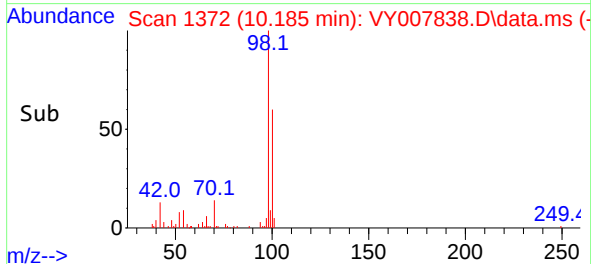
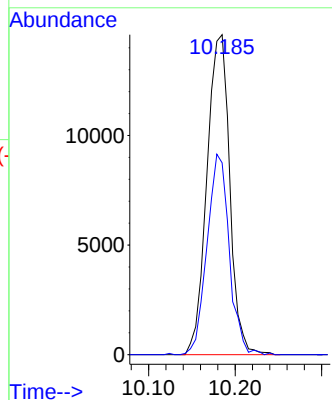
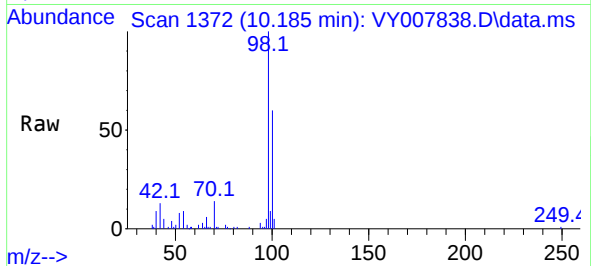




#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

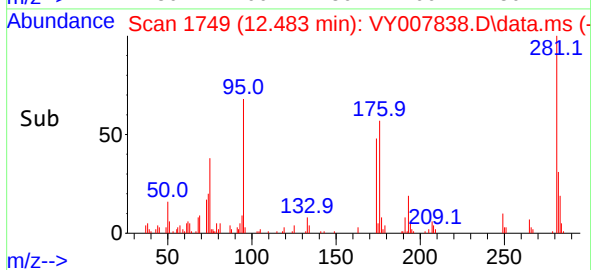
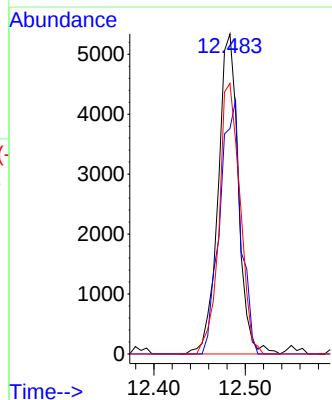
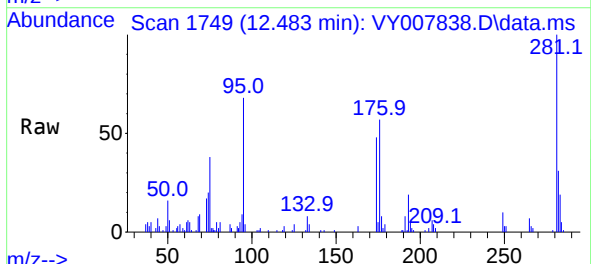
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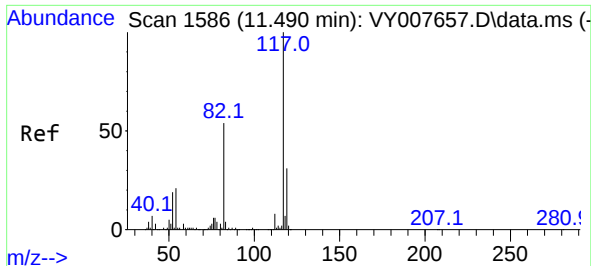
Tgt Ion: 98 Resp: 26736
Ion Ratio Lower Upper
98 100
100 61.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

Tgt Ion: 95 Resp: 8233
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 87.4 0.0 175.8

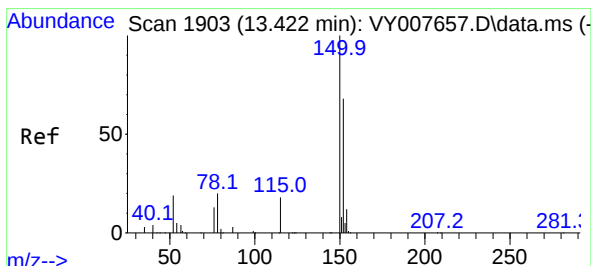
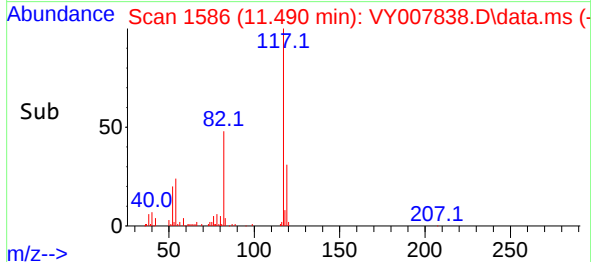
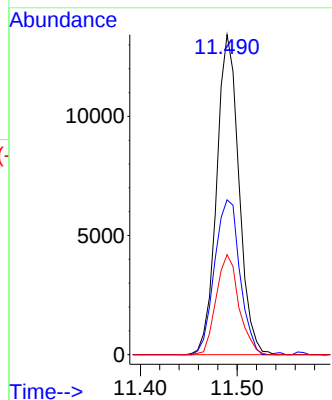
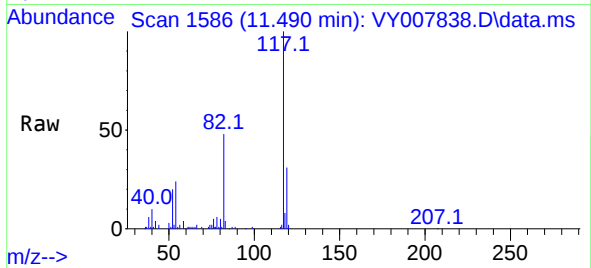




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-030922

Tgt Ion:117	Resp:	21474
Ion	Ratio	Lower Upper
117	100	
82	48.4	43.0 64.4
119	31.2	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007838.D
Acq: 10 Mar 2022 20:16

Tgt Ion:152	Resp:	8808
Ion	Ratio	Lower Upper
152	100	
115	53.4	28.2 84.7
150	144.5	0.0 347.6

