

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012867.D
 Acq On : 08 Mar 2023 13:42
 Operator : KP/MD
 Sample : 01825-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 09 00:35:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	6117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	8506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4134	68.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.140%
35) Dibromofluoromethane	7.716	113	3875	68.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.000%
50) Toluene-d8	10.185	98	10603	51.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.483	95	2877	41.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.420%

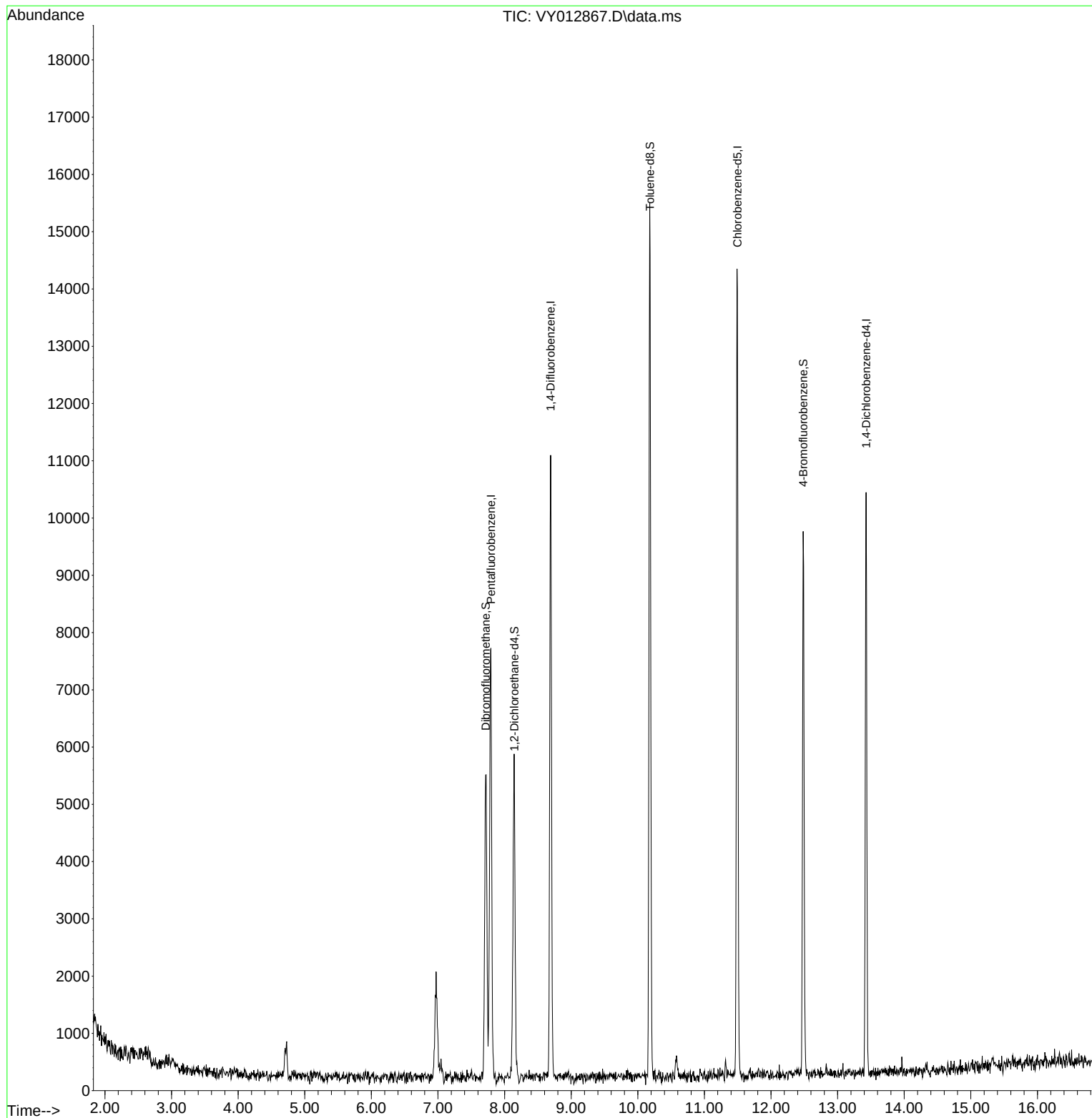
Target Compounds	Qvalue

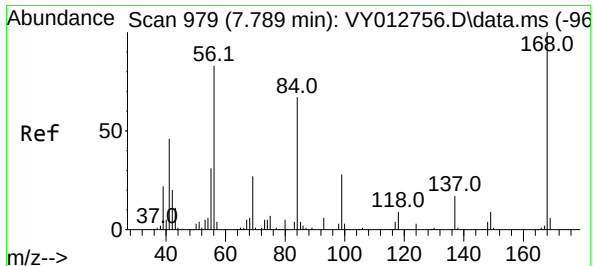
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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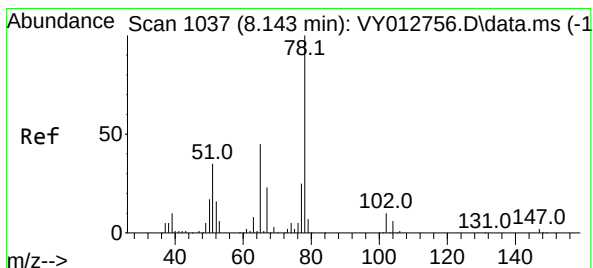
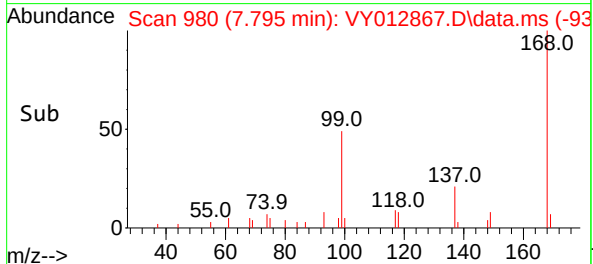
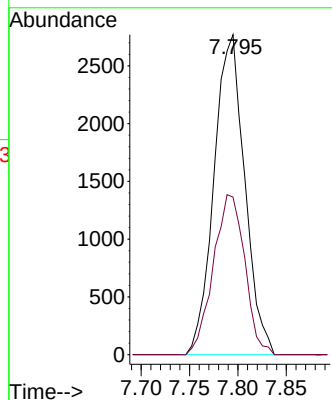
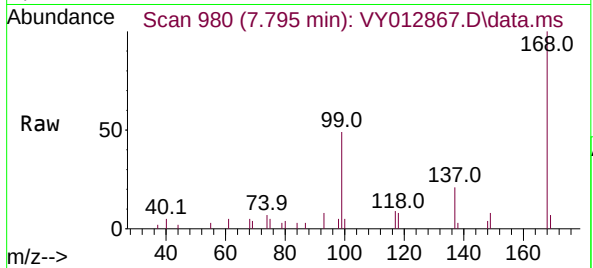




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

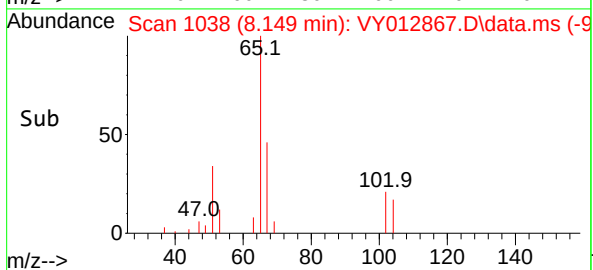
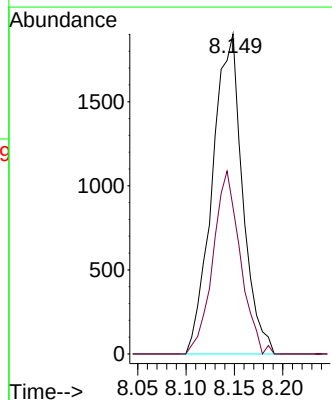
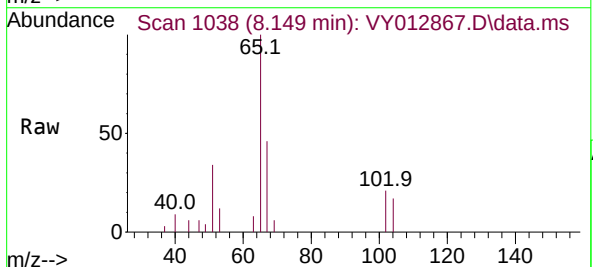
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

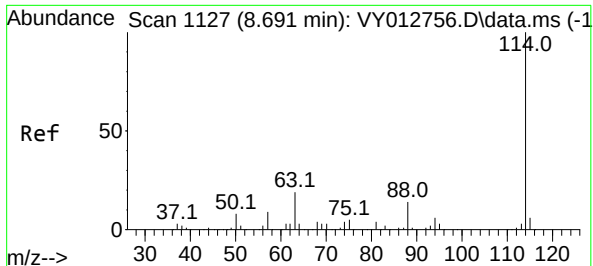
Tgt Ion:168 Resp: 6117
Ion Ratio Lower Upper
168 100
99 49.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.067 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Tgt Ion: 65 Resp: 4134
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP1-0306

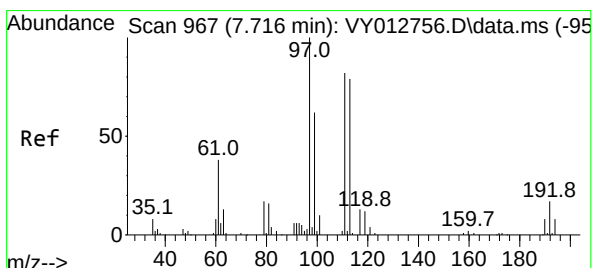
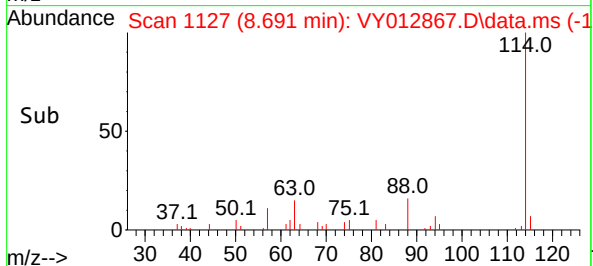
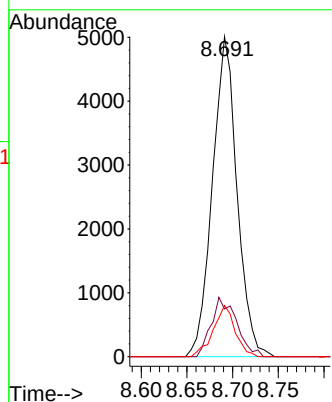
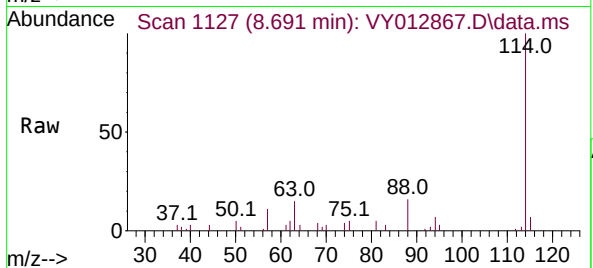
Tgt Ion:114 Resp: 9374

Ion Ratio Lower Upper

114 100

63 14.9 0.0 37.4

88 16.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 68.497 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

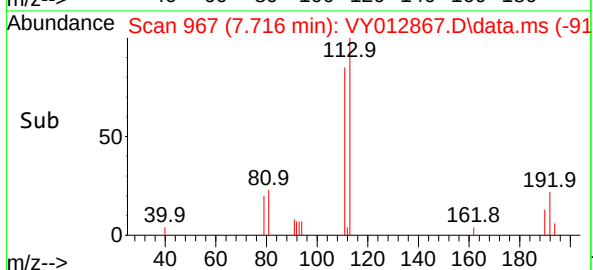
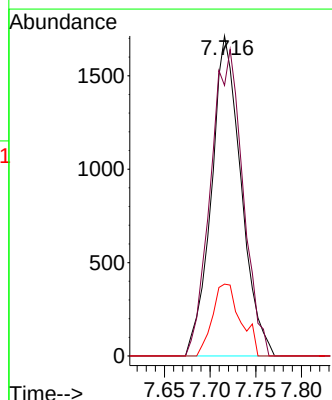
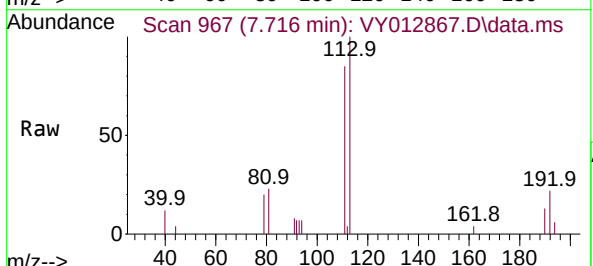
Tgt Ion:113 Resp: 3875

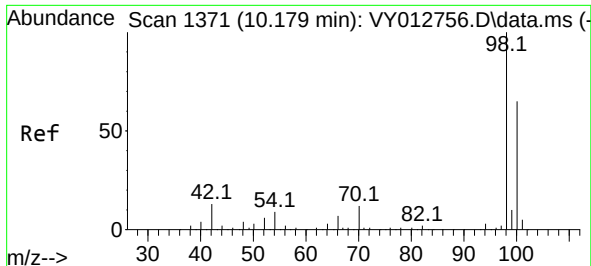
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 21.3 16.8 25.2





#50

Toluene-d8

Concen: 51.268 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

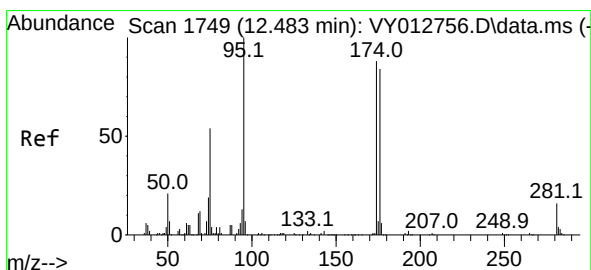
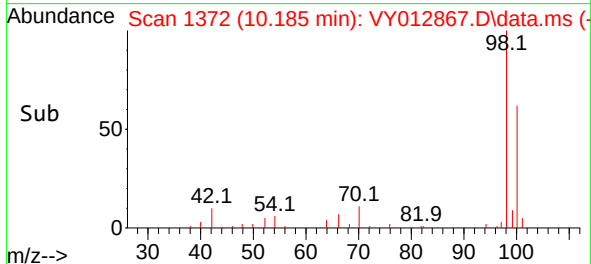
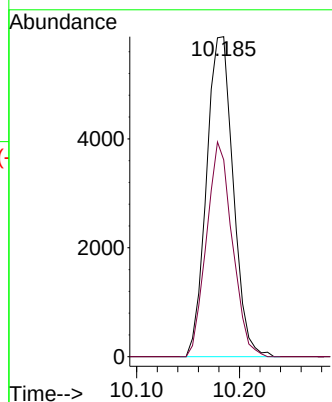
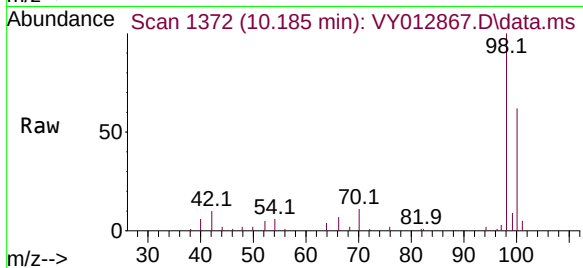
HH-TP1-0306

Tgt Ion: 98 Resp: 10603

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.215 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

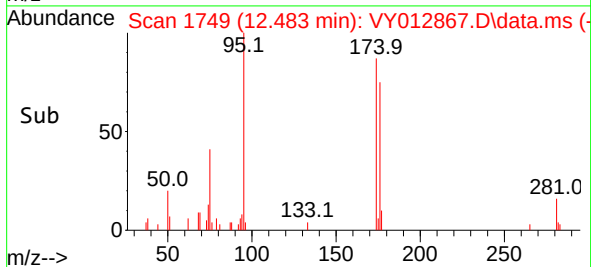
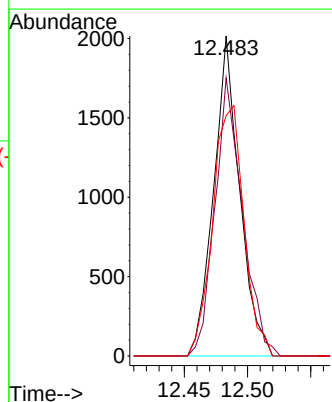
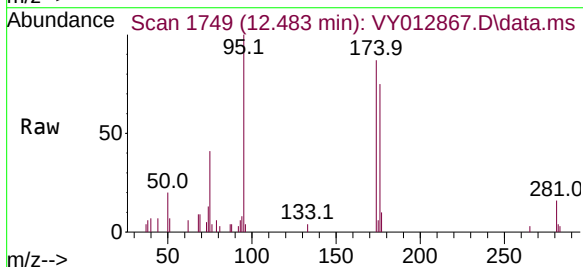
Tgt Ion: 95 Resp: 2877

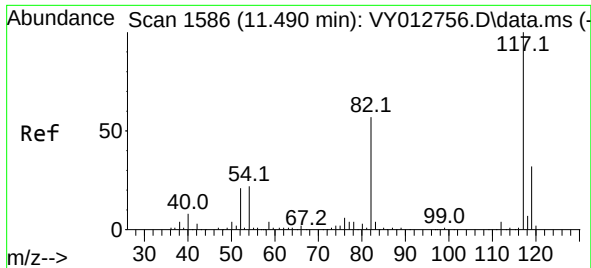
Ion Ratio Lower Upper

95 100

174 92.1 0.0 176.6

176 94.0 0.0 170.2

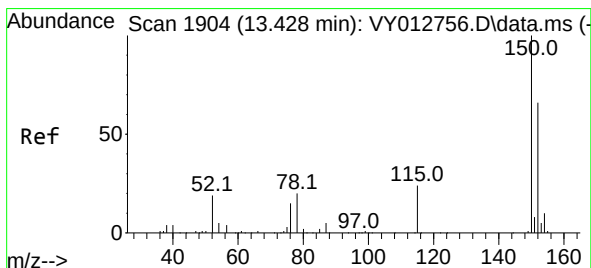
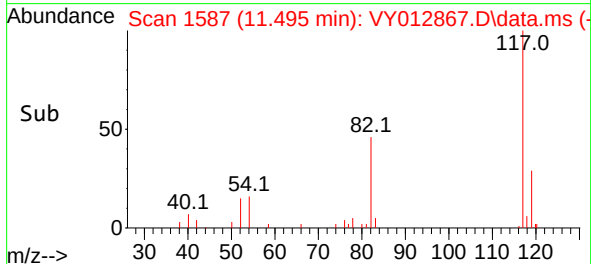
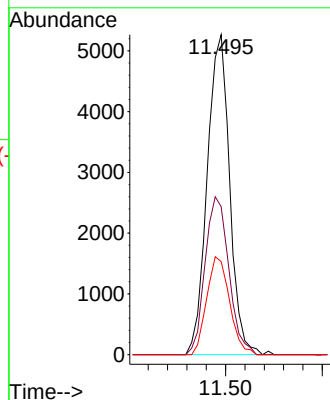
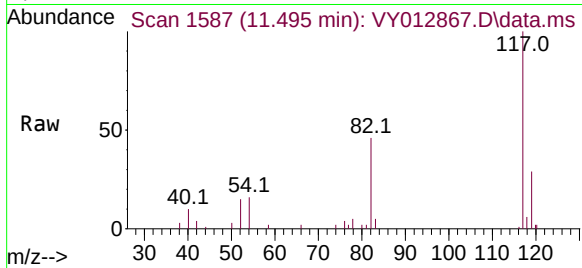




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion:117	Resp:	8506
Ion	Ratio	Lower Upper
117	100	
82	46.2	45.4 68.0
119	29.1	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Tgt Ion:152	Resp:	2975
Ion	Ratio	Lower Upper
152	100	
115	54.8	27.1 81.3
150	159.9	0.0 347.8

