

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012869.D
 Acq On : 08 Mar 2023 14:28
 Operator : KP/MD
 Sample : 01825-05RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP3-0306RE

Quant Time: Mar 09 00:36:28 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	7.789	168	10166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6019	59.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.716	113	5908	66.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.400%
50) Toluene-d8	10.179	98	16906	51.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.483	95	4174	37.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%

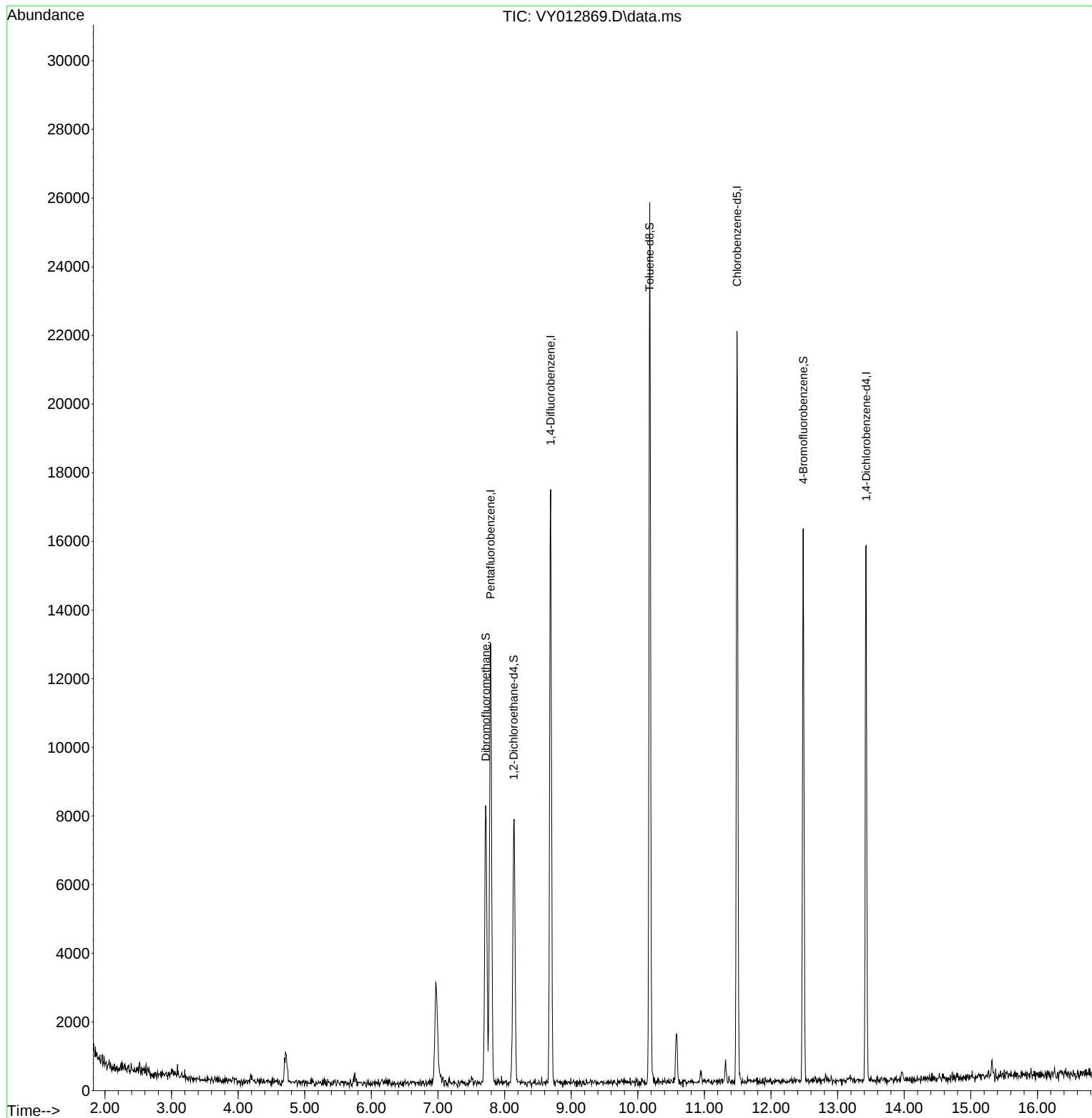
Target Compounds	Qvalue

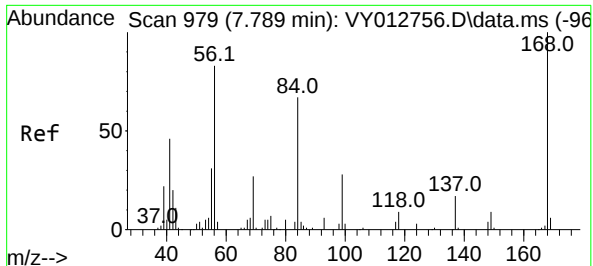
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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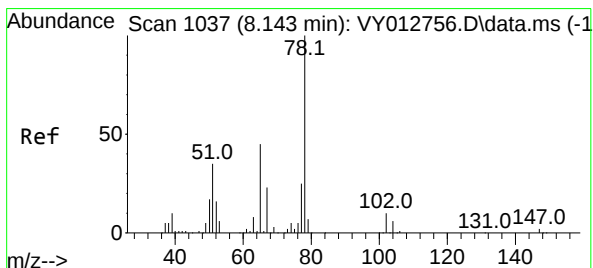
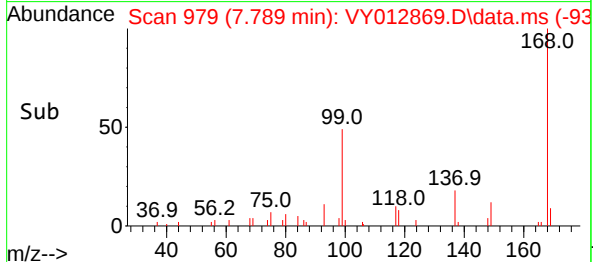
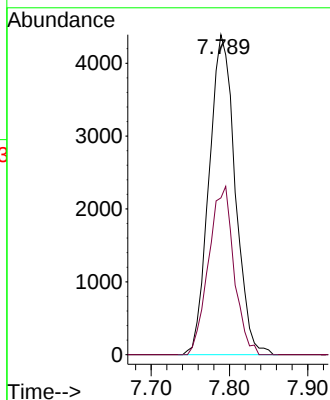
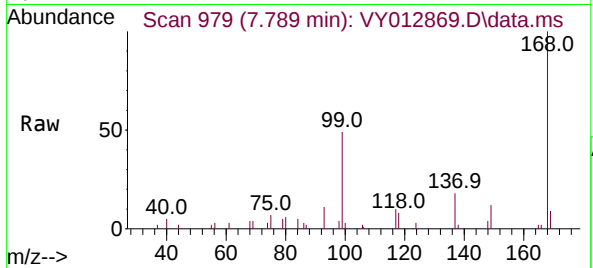




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

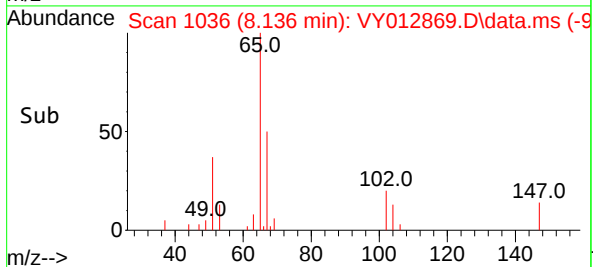
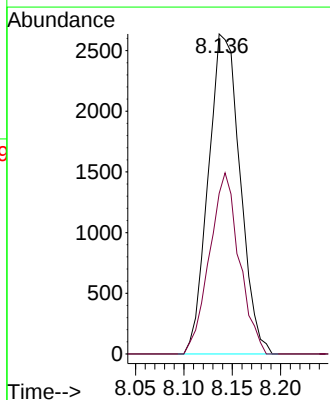
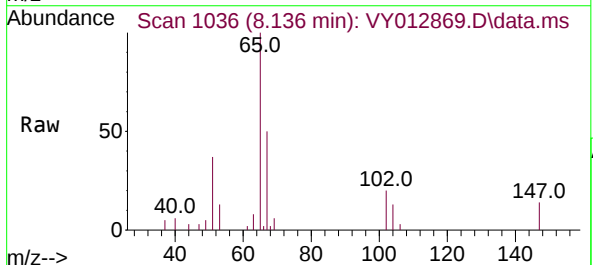
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

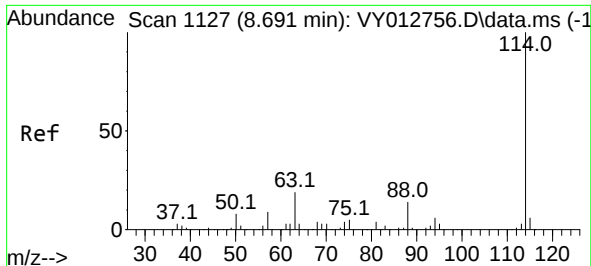
Tgt Ion:168 Resp: 10166
Ion Ratio Lower Upper
168 100
99 49.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 59.632 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Tgt Ion: 65 Resp: 6019
Ion Ratio Lower Upper
65 100
67 53.0 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: VY012869.D

Acq: 08 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP3-0306RE

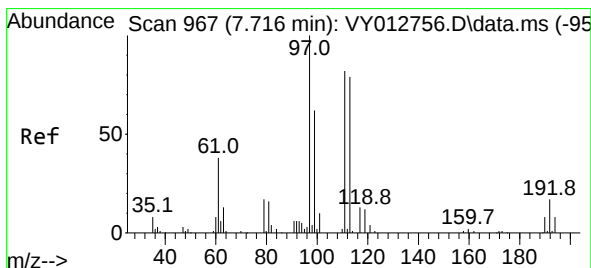
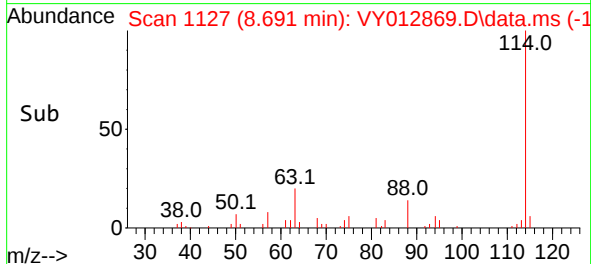
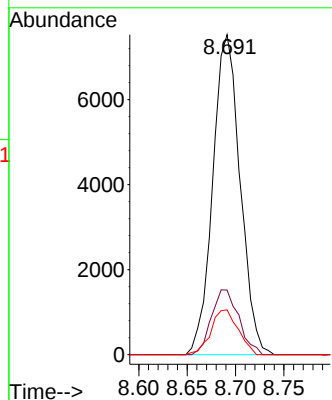
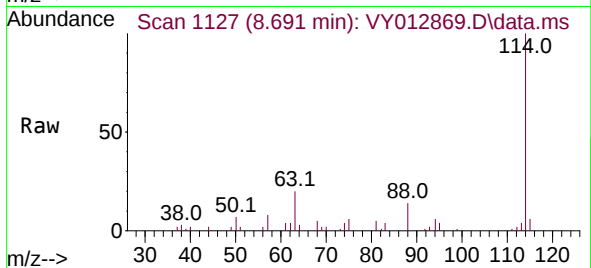
Tgt Ion:114 Resp: 14789

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.195 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

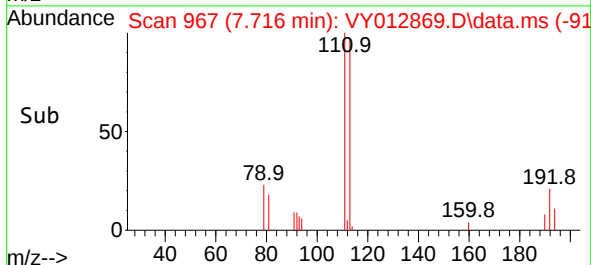
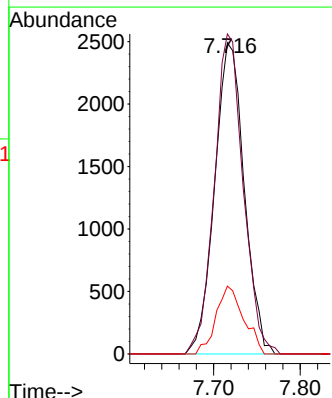
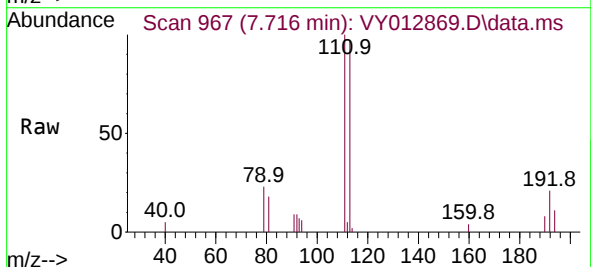
Tgt Ion:113 Resp: 5908

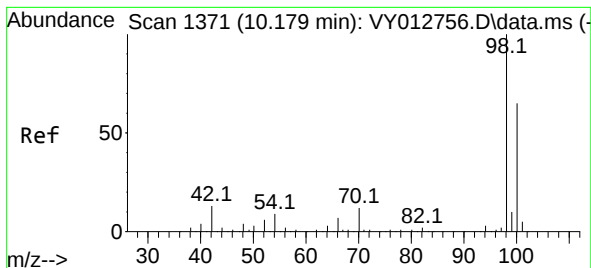
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 51.814 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

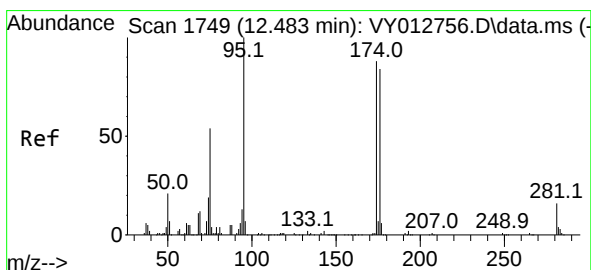
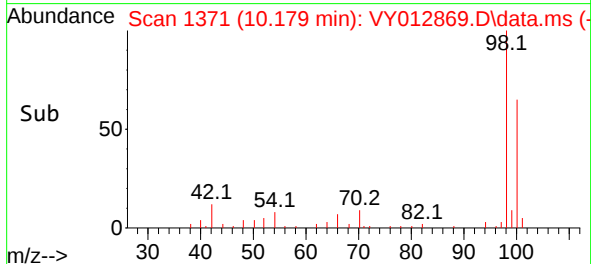
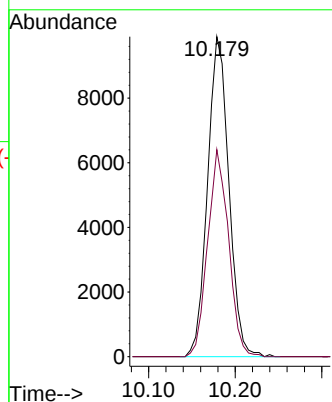
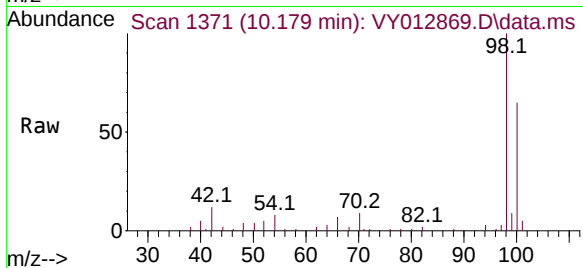
HH-TP3-0306RE

Tgt Ion: 98 Resp: 16906

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 37.901 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

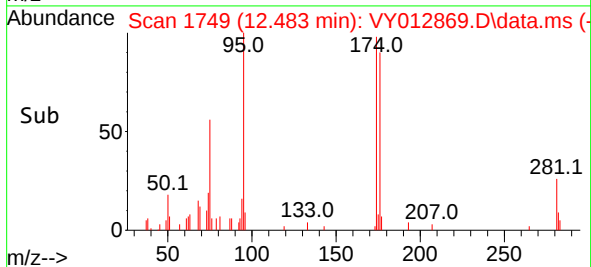
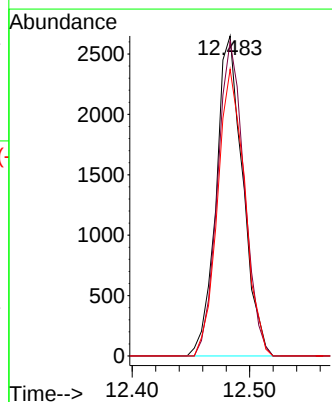
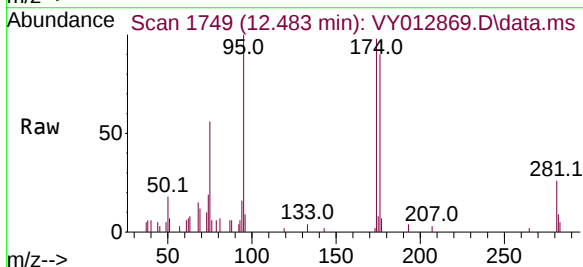
Tgt Ion: 95 Resp: 4174

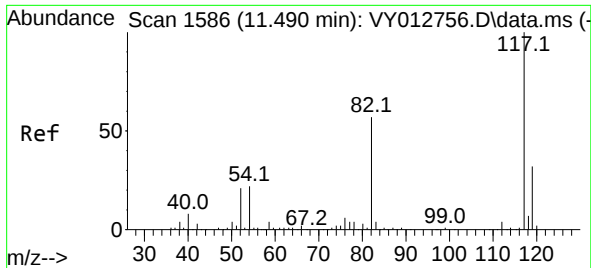
Ion Ratio Lower Upper

95 100

174 98.1 0.0 176.6

176 91.2 0.0 170.2

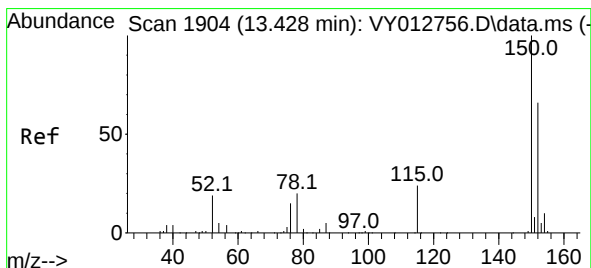
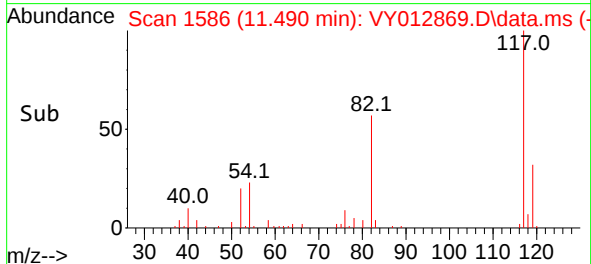
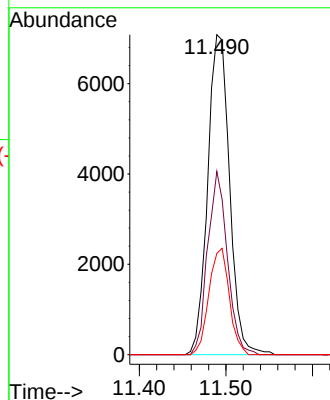
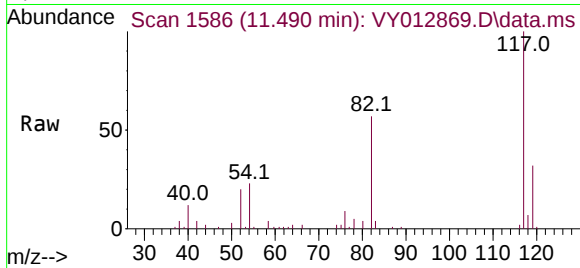




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

Tgt Ion:	117	Resp:	12442
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.4	68.0
119	31.7	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: VY012869.D
Acq: 08 Mar 2023 14:28

Tgt Ion:	152	Resp:	4587
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.3
150	147.8	0.0	347.8

