

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012848.D
 Acq On : 07 Mar 2023 16:32
 Operator : KP/MD
 Sample : 01825-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 07 23:44:30 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	24570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13071	53.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.160%
35) Dibromofluoromethane	7.716	113	12874	61.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.160%
50) Toluene-d8	10.185	98	41424	54.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.483	95	9577	37.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.260%

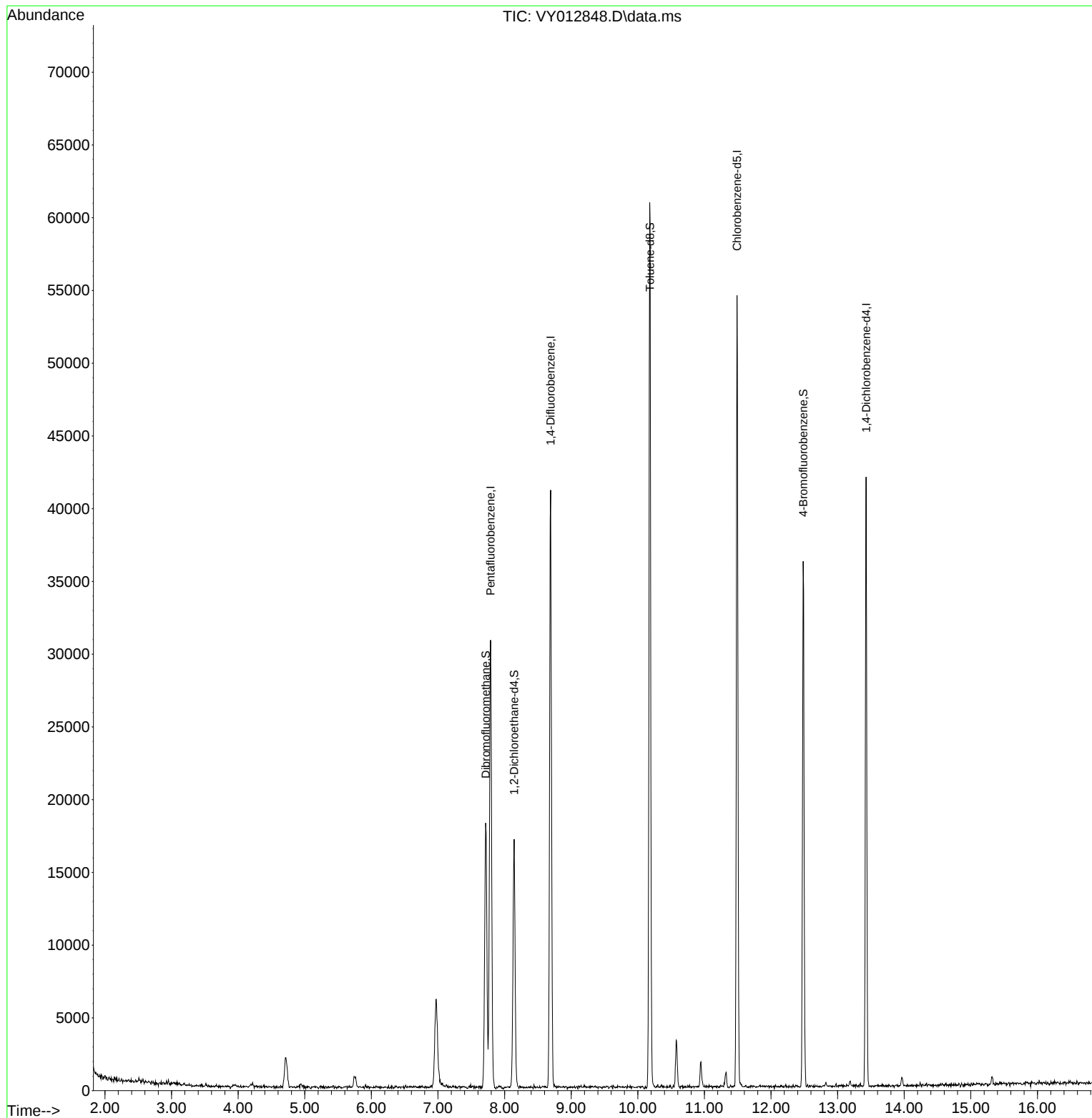
Target Compounds	Qvalue

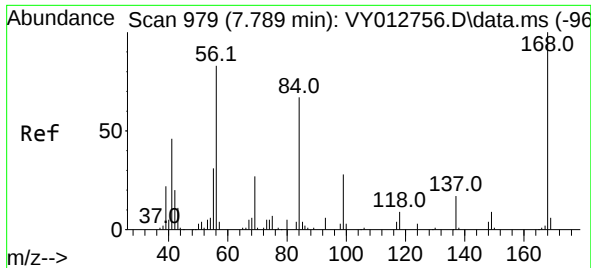
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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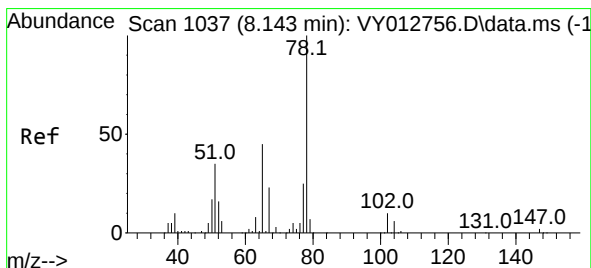
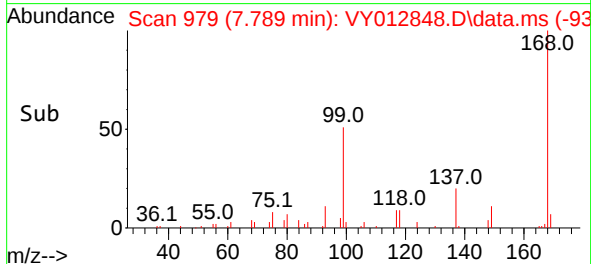
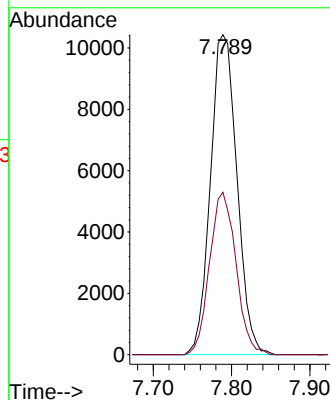
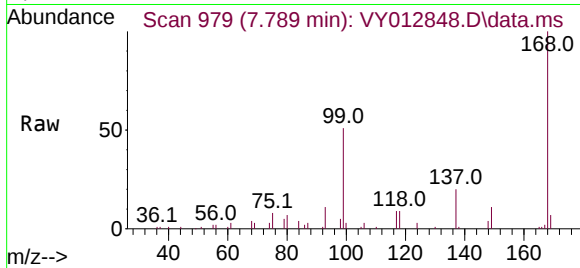




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

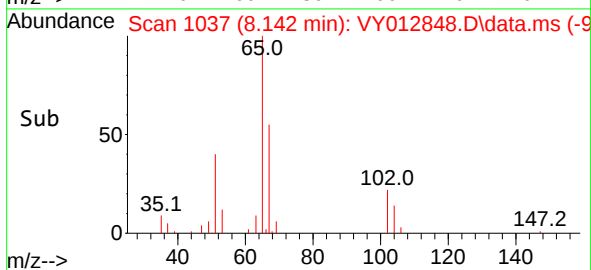
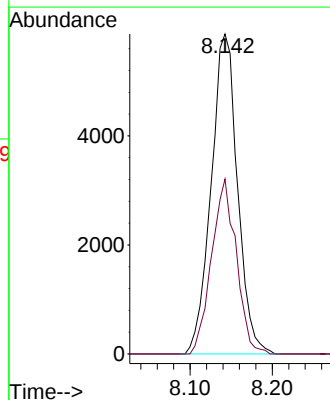
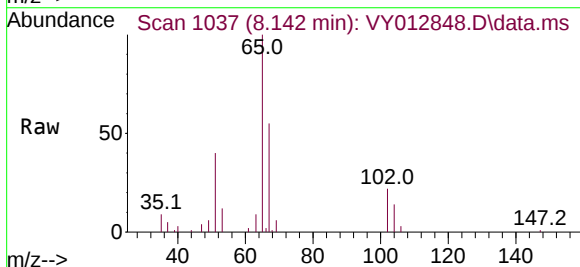
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

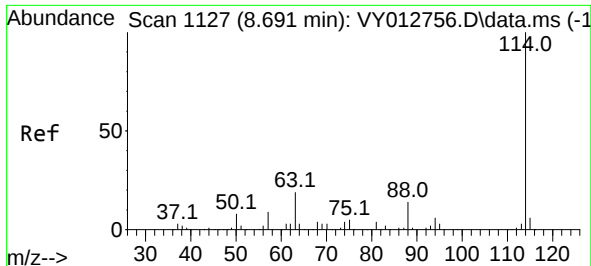
Tgt Ion:168 Resp: 24570
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion: 65 Resp: 13071
Ion Ratio Lower Upper
65 100
67 51.3 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: VY012848.D

Acq: 07 Mar 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP3-0306

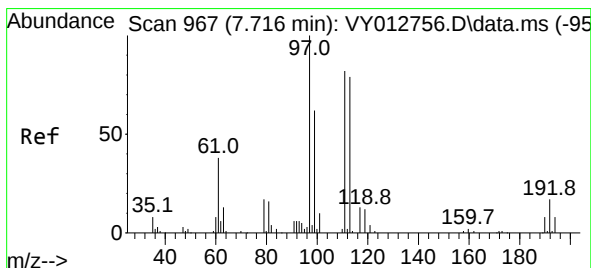
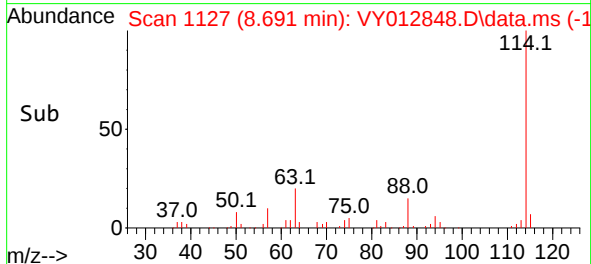
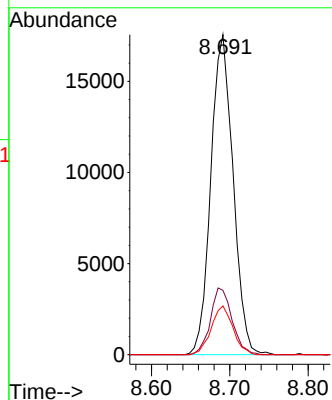
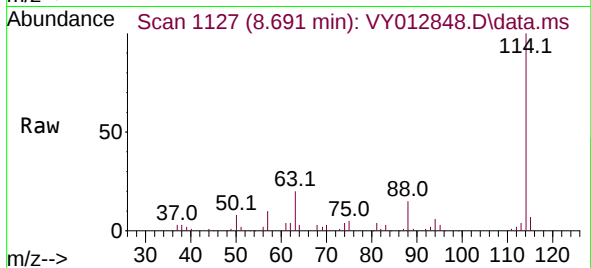
Tgt Ion:114 Resp: 34641

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 61.581 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

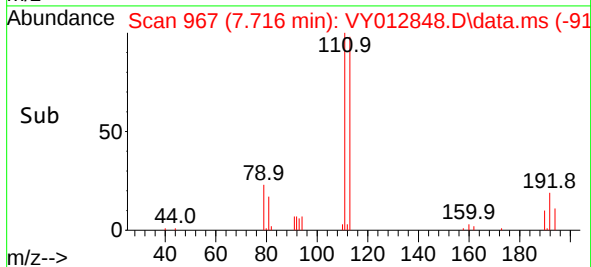
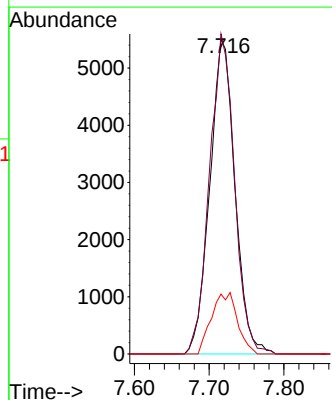
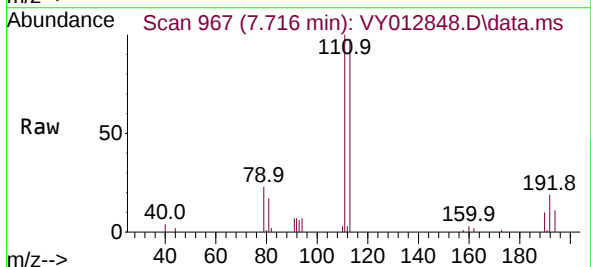
Tgt Ion:113 Resp: 12874

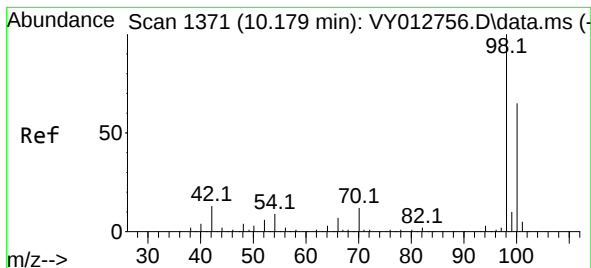
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 20.1 16.8 25.2





#50

Toluene-d8

Concen: 54.200 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

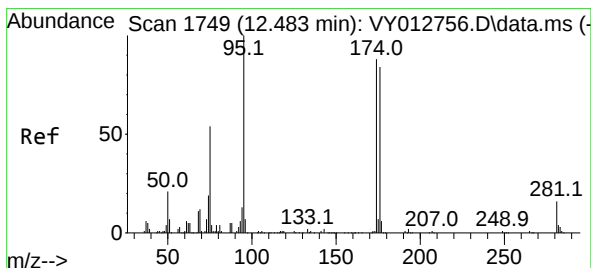
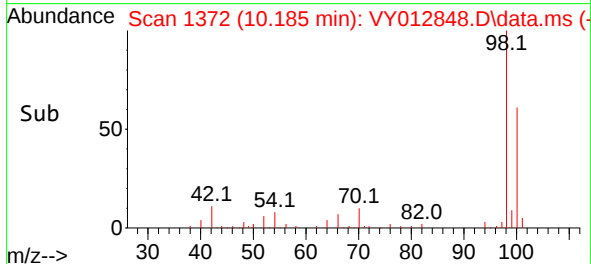
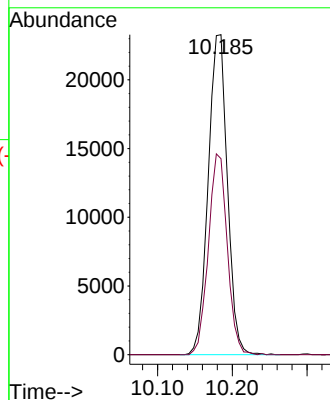
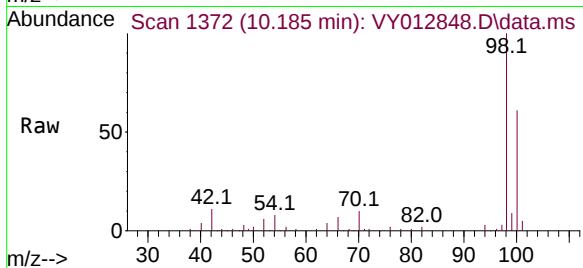
HH-TP3-0306

Tgt Ion: 98 Resp: 41424

Ion Ratio Lower Upper

98 100

100 61.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 37.126 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

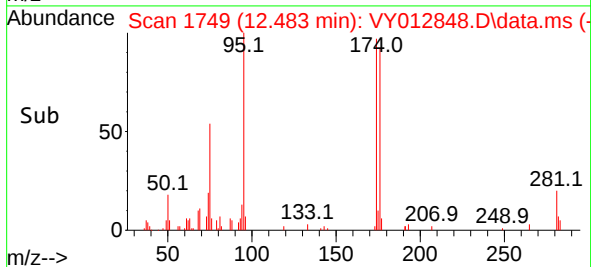
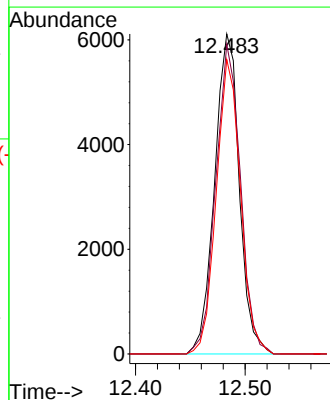
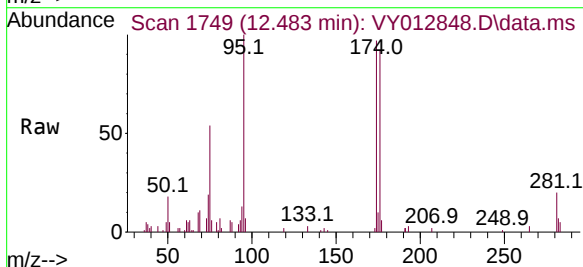
Tgt Ion: 95 Resp: 9577

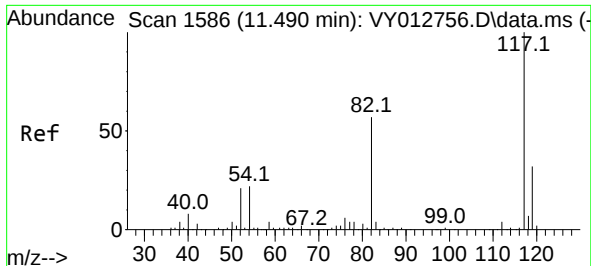
Ion Ratio Lower Upper

95 100

174 96.7 0.0 176.6

176 90.1 0.0 170.2

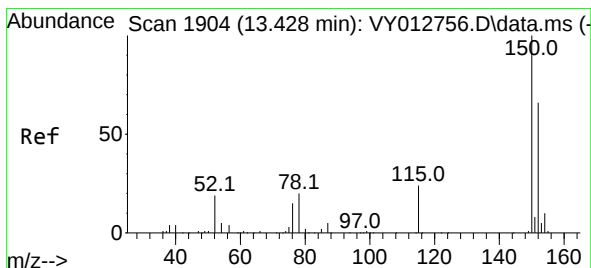
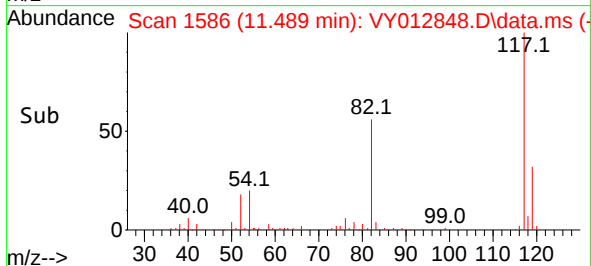
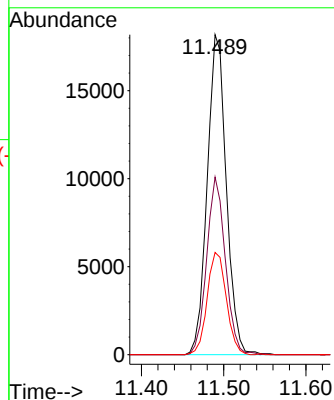
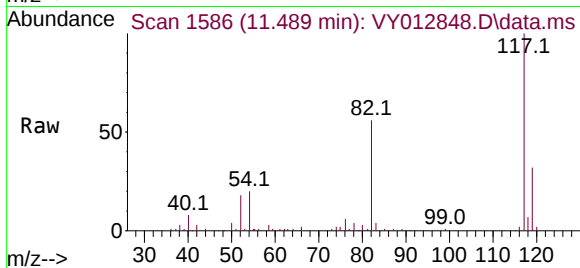




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

Tgt Ion:117 Resp: 29340
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.9 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: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion:152 Resp: 10366
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.3
150 166.4 0.0 347.8

