

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012955.D
 Acq On : 15 Mar 2023 12:15
 Operator : KP/MD
 Sample : 01908-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HILLBOR-DRUMS-0314

Quant Time: Mar 16 00:18:56 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	81508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51594	63.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.500%
35) Dibromofluoromethane	7.722	113	48207	56.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.860%
50) Toluene-d8	10.179	98	168653	54.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.483	95	51899	49.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.340%

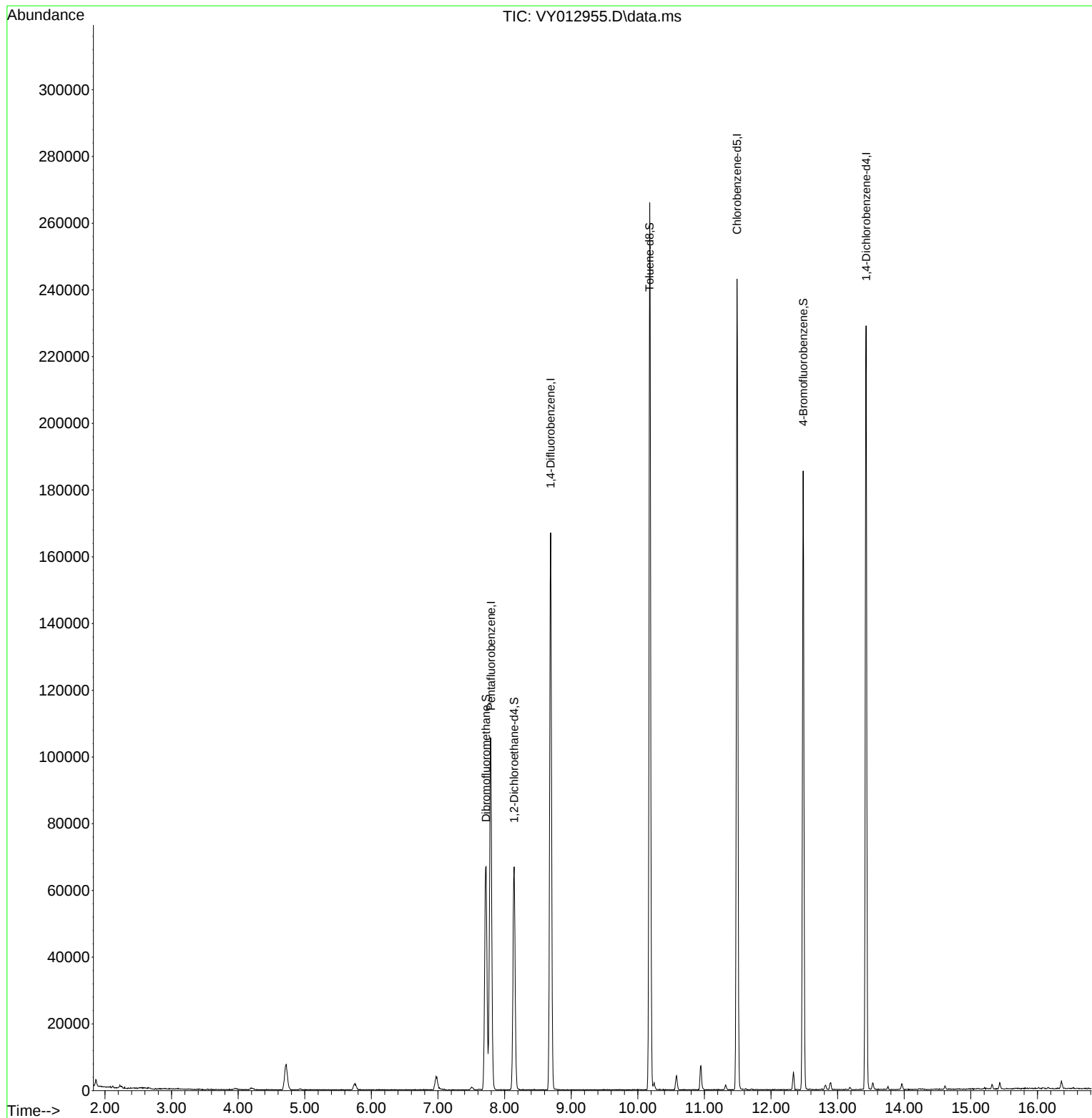
Target Compounds	Qvalue

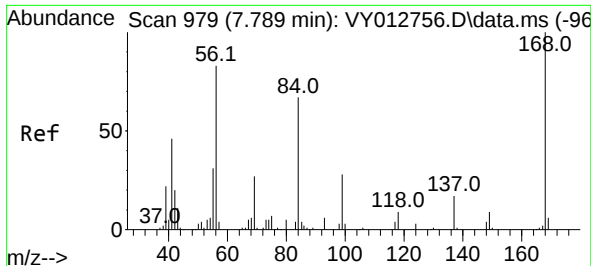
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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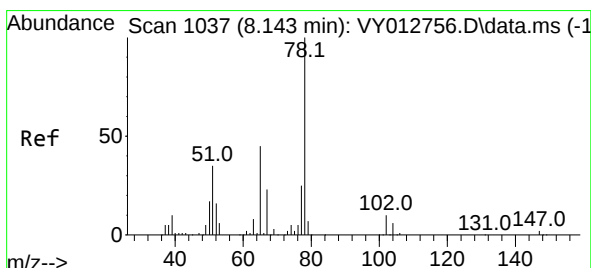
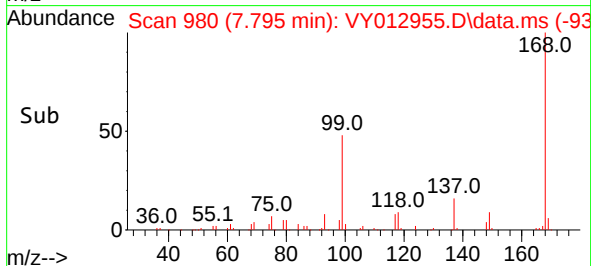
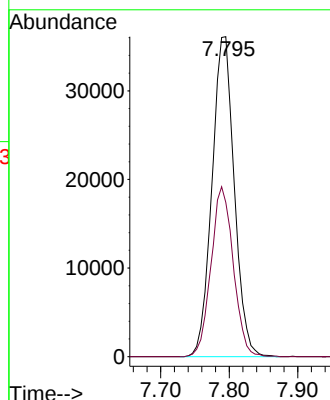
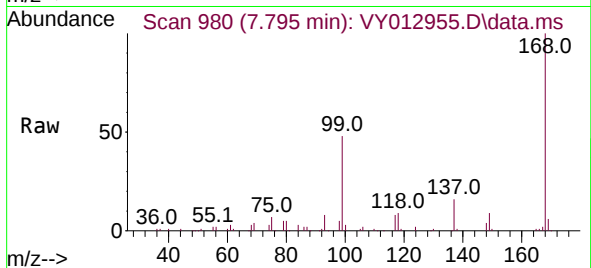




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012955.D
Acq: 15 Mar 2023 12:15

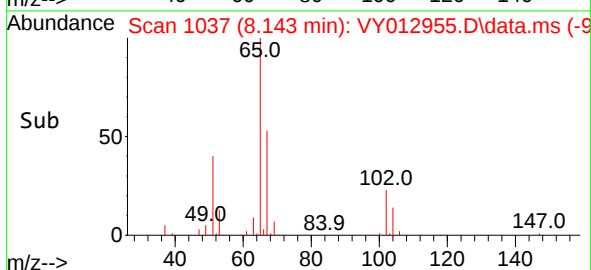
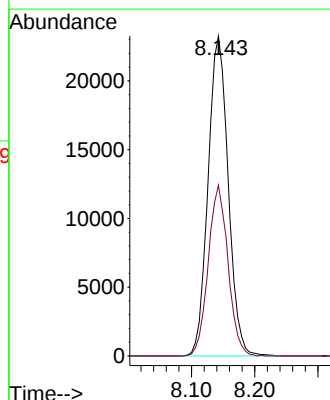
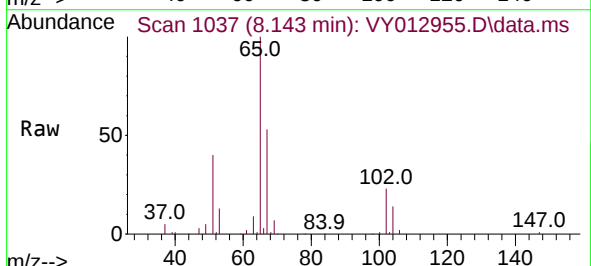
Instrument :
MSVOA_Y
ClientSampleId :
HILLBOR-DRUMS-0314

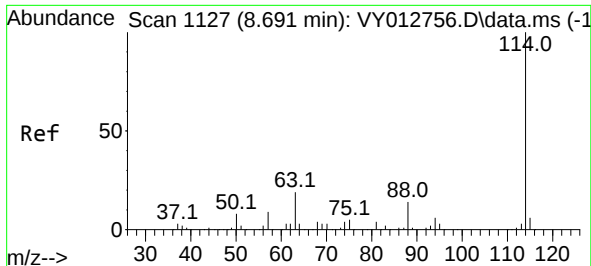
Tgt Ion:168 Resp: 81508
Ion Ratio Lower Upper
168 100
99 48.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.754 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012955.D
Acq: 15 Mar 2023 12:15

Tgt Ion: 65 Resp: 51594
Ion Ratio Lower Upper
65 100
67 52.4 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: VY012955.D

Acq: 15 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

HILLBOR-DRUMS-0314

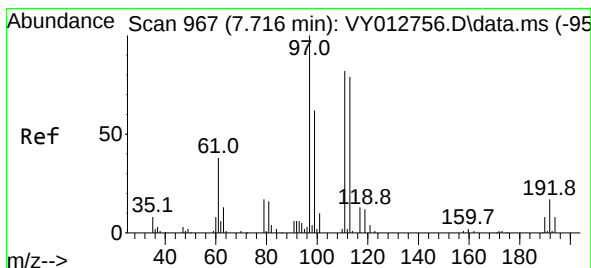
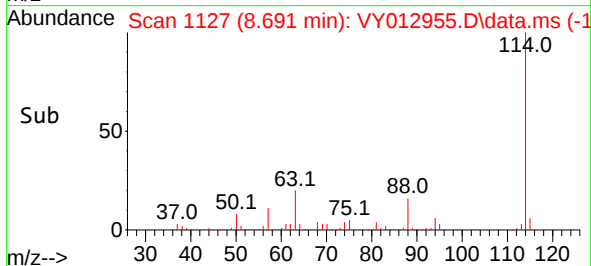
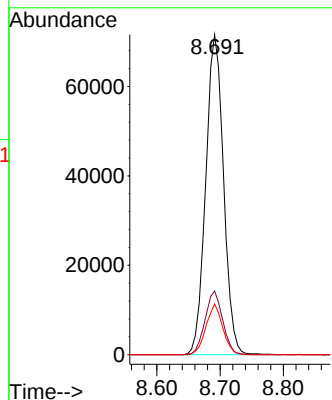
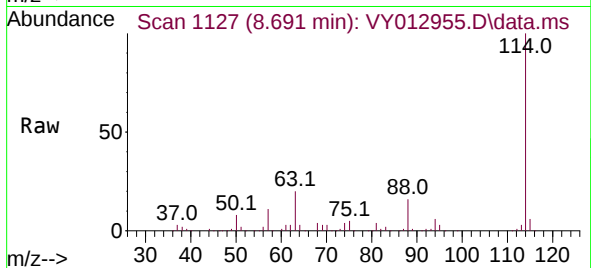
Tgt Ion:114 Resp: 140304

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.933 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012955.D

Acq: 15 Mar 2023 12:15

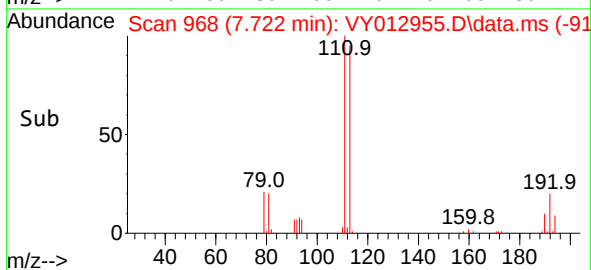
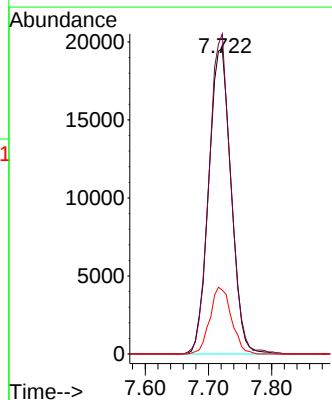
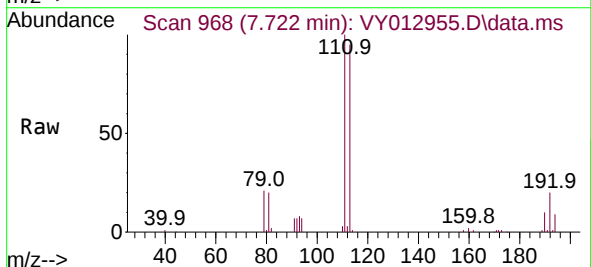
Tgt Ion:113 Resp: 48207

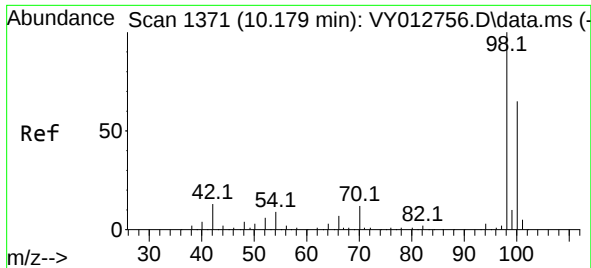
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 21.0 16.8 25.2

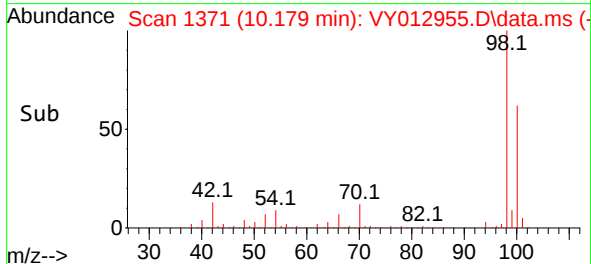
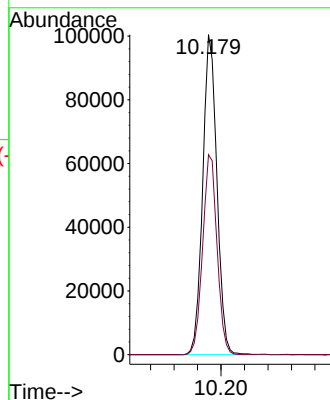
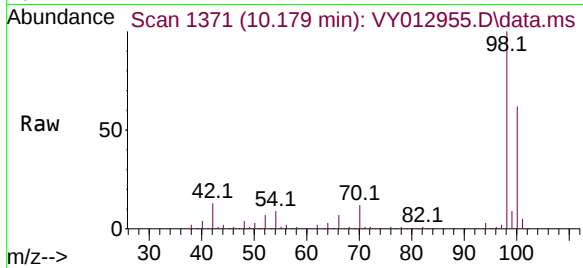




#50
Toluene-d8
Concen: 54.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012955.D
Acq: 15 Mar 2023 12:15

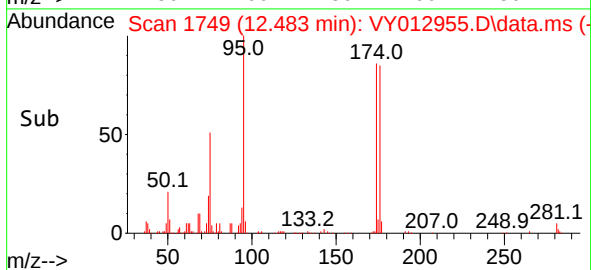
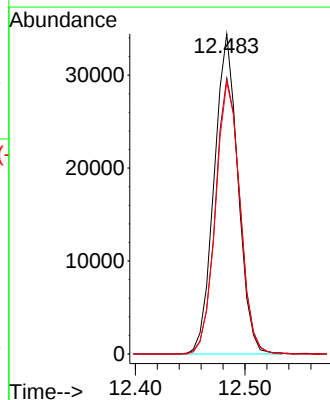
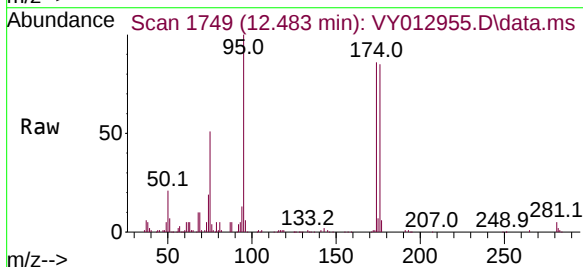
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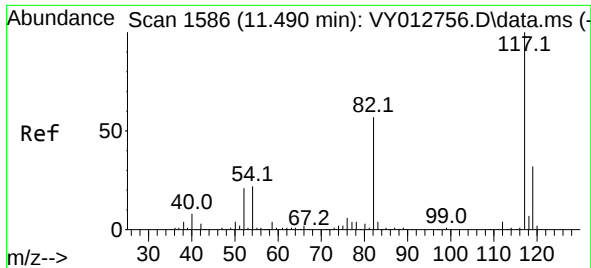
Tgt Ion: 98 Resp: 168653
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.674 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012955.D
Acq: 15 Mar 2023 12:15

Tgt Ion: 95 Resp: 51899
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 87.1 0.0 170.2

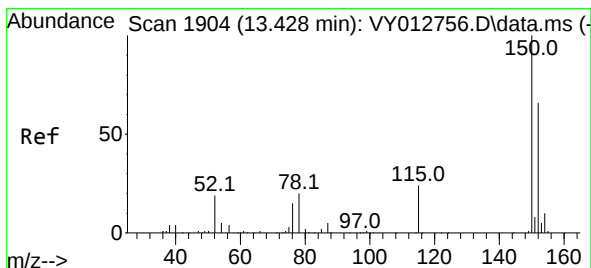
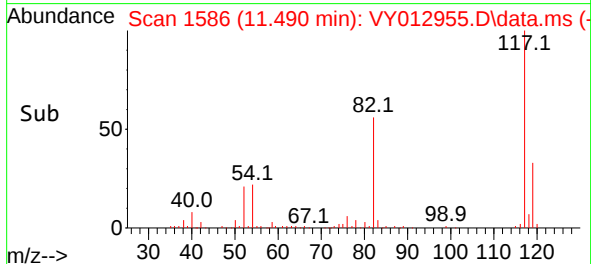
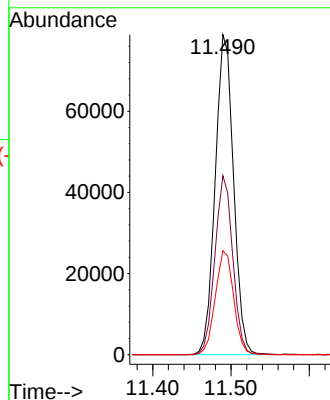
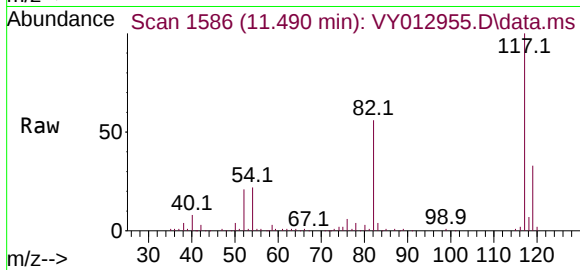




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012955.D
Acq: 15 Mar 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :
HILLBOR-DRUMS-0314

Tgt Ion:117 Resp: 128495
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 32.5 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: VY012955.D
Acq: 15 Mar 2023 12:15

Tgt Ion:152 Resp: 58938
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 155.9 0.0 347.8

