

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012818.D
 Acq On : 06 Mar 2023 13:12
 Operator : KP/MD
 Sample : 01749-06
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-8

Quant Time: Mar 06 14:14:34 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	117564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76536	65.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.140%
35) Dibromofluoromethane	7.716	113	75049	66.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.820%
50) Toluene-d8	10.179	98	251030	61.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.440%
62) 4-Bromofluorobenzene	12.483	95	73975	53.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.900%

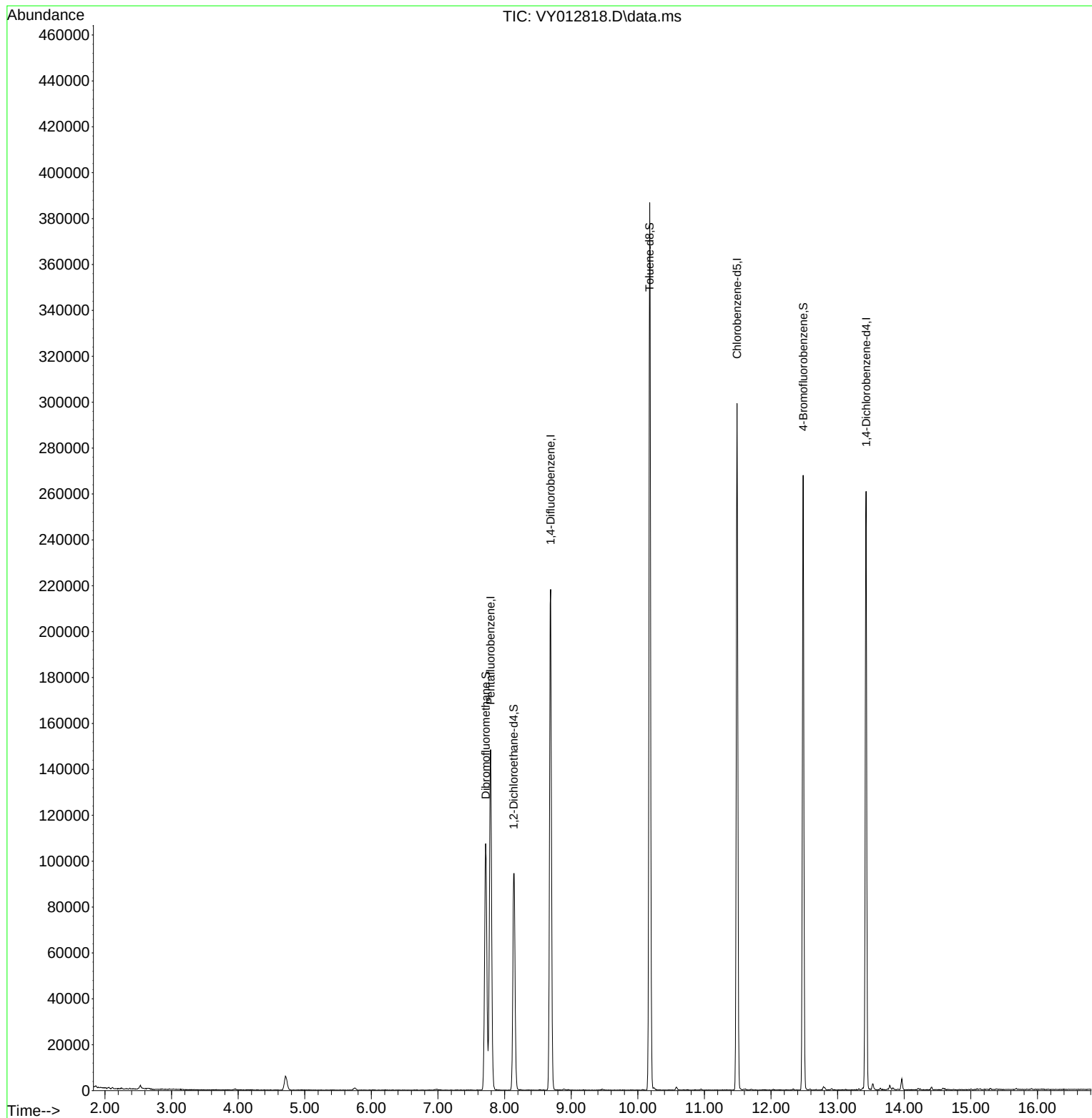
Target Compounds	Qvalue

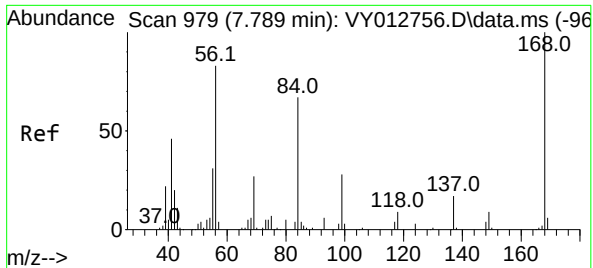
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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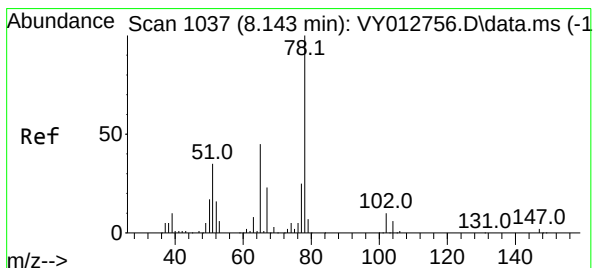
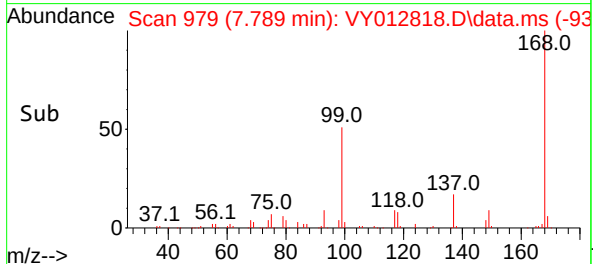
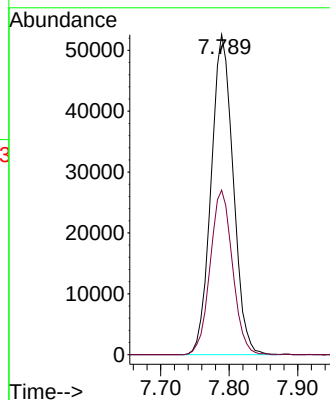
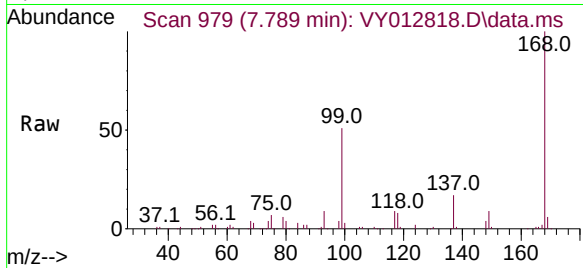




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

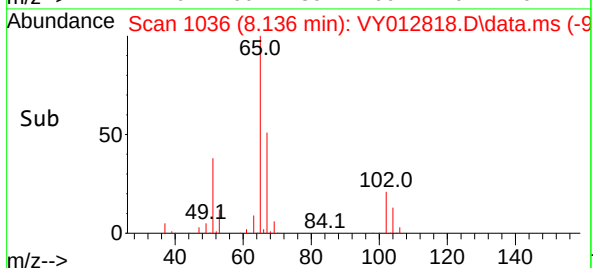
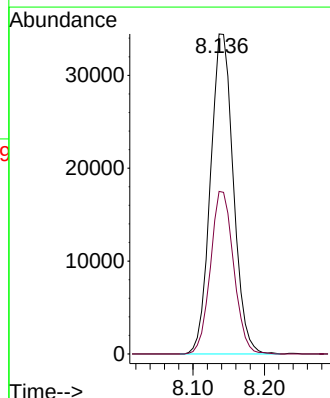
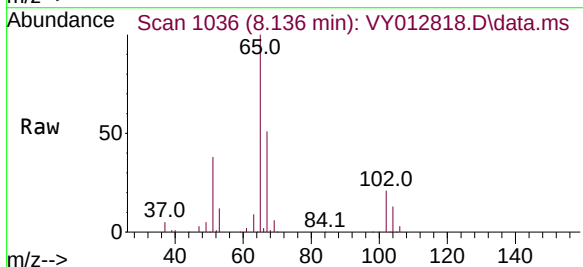
Instrument :
MSVOA_Y
ClientSampleId :
CF-8

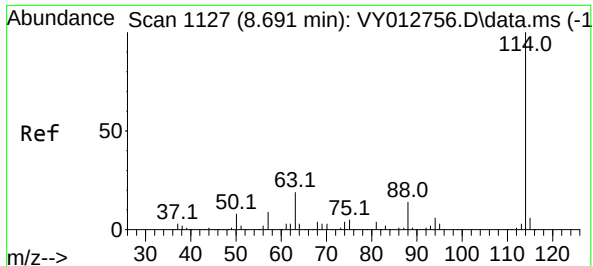
Tgt Ion:168 Resp: 117564
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.569 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 65 Resp: 76536
Ion Ratio Lower Upper
65 100
67 51.5 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: VY012818.D

Acq: 06 Mar 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

CF-8

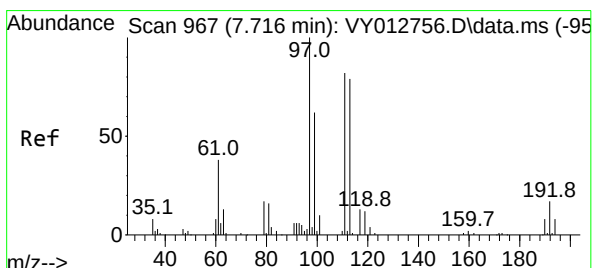
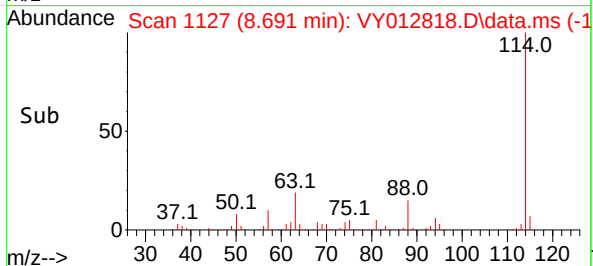
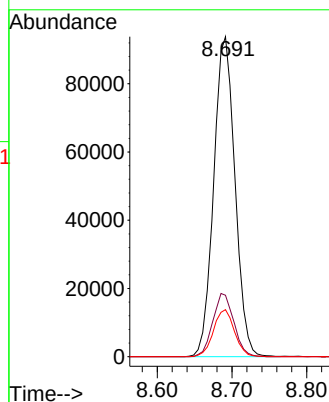
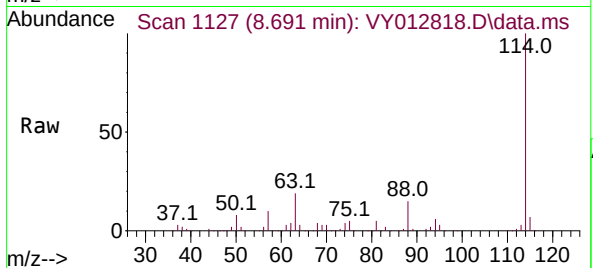
Tgt Ion:114 Resp: 185868

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.906 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012818.D

Acq: 06 Mar 2023 13:12

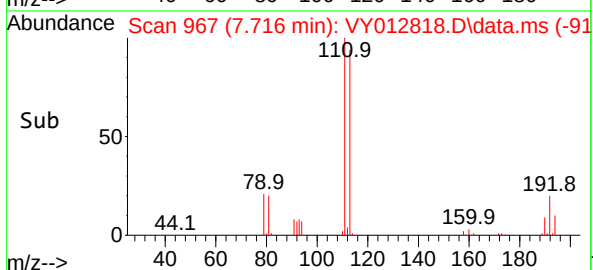
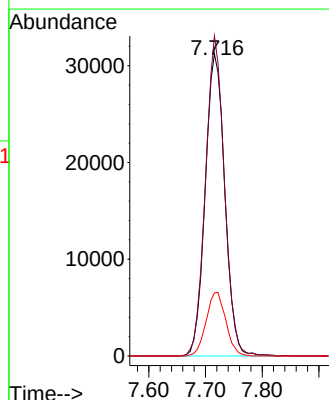
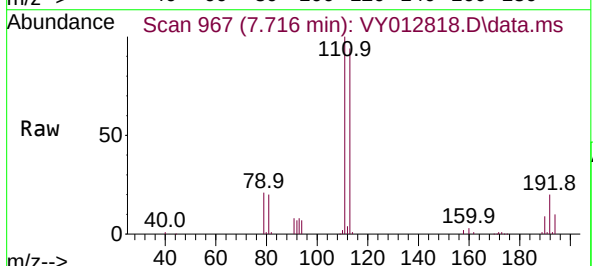
Tgt Ion:113 Resp: 75049

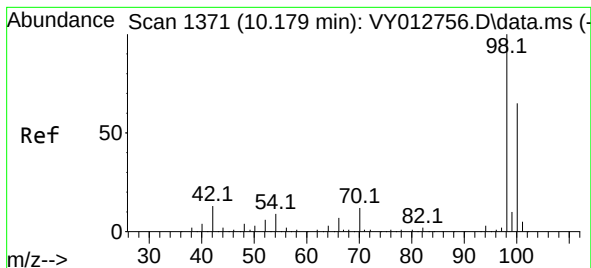
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.1 16.8 25.2





#50

Toluene-d8

Concen: 61.216 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012818.D

Acq: 06 Mar 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

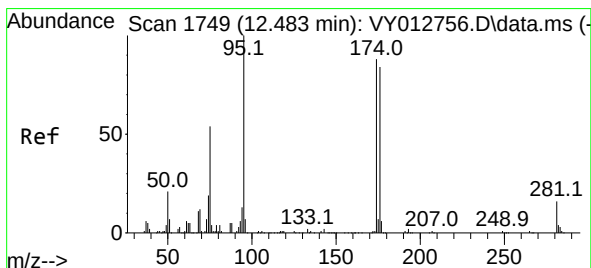
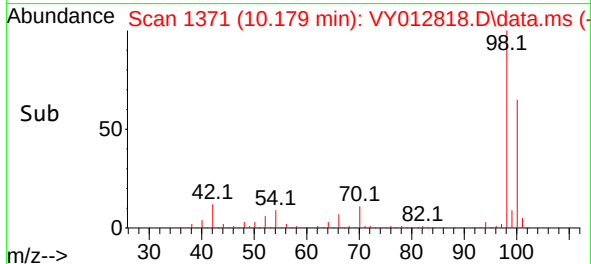
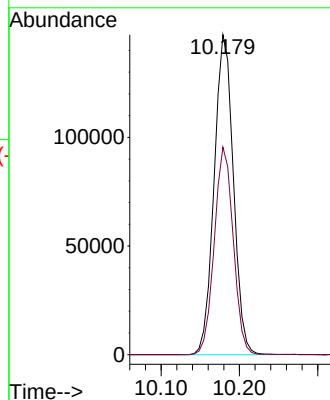
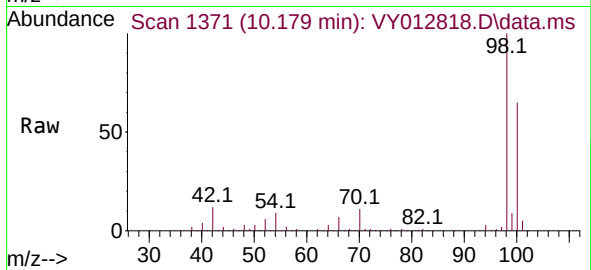
CF-8

Tgt Ion: 98 Resp: 251030

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 53.446 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012818.D

Acq: 06 Mar 2023 13:12

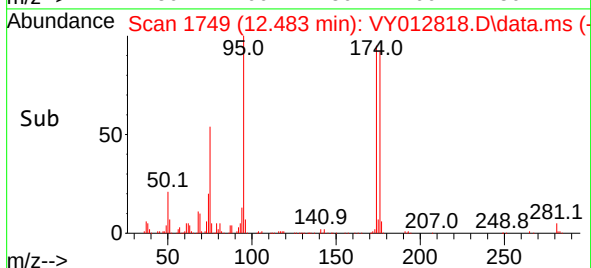
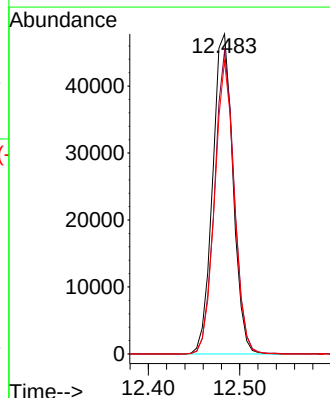
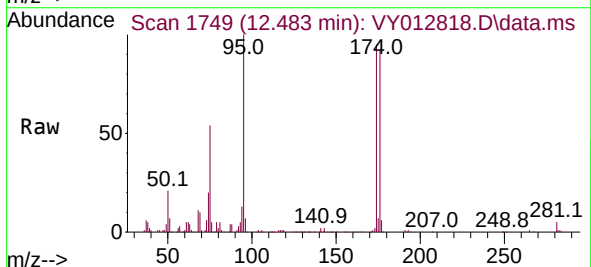
Tgt Ion: 95 Resp: 73975

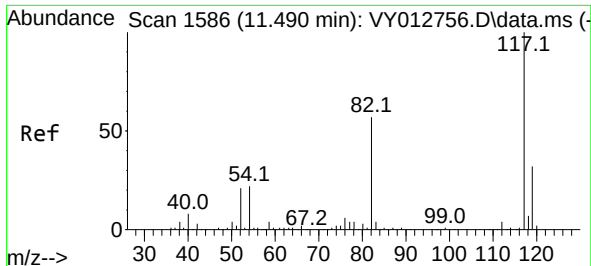
Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.6

176 88.1 0.0 170.2

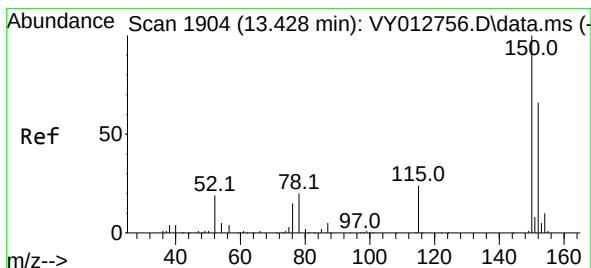
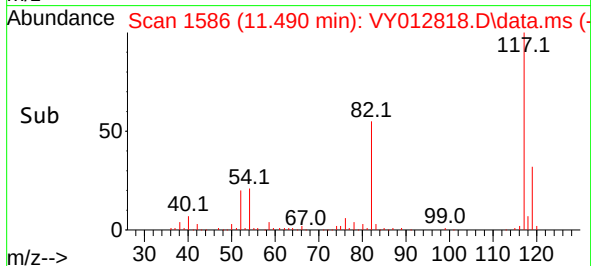
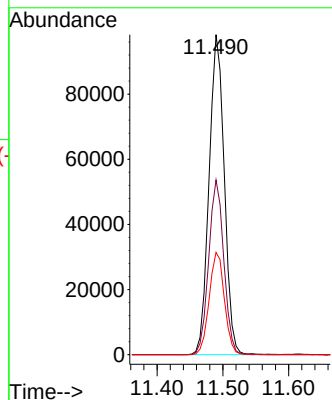
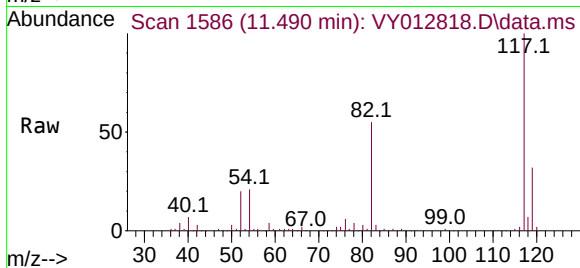




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Instrument :
MSVOA_Y
ClientSampleId :
CF-8

Tgt Ion:117 Resp: 158424
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.0 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: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion:152 Resp: 67603
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 156.9 0.0 347.8

