

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012225.D
 Acq On : 17 Jan 2023 16:03
 Operator : KP/MD
 Sample : 01159-04
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6

Quant Time: Jan 18 00:33:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	227530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	385050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129775	70.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.840%
35) Dibromofluoromethane	7.716	113	125853	59.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.920%
50) Toluene-d8	10.179	98	473655	65.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.940%
62) 4-Bromofluorobenzene	12.483	95	166716	55.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.740%

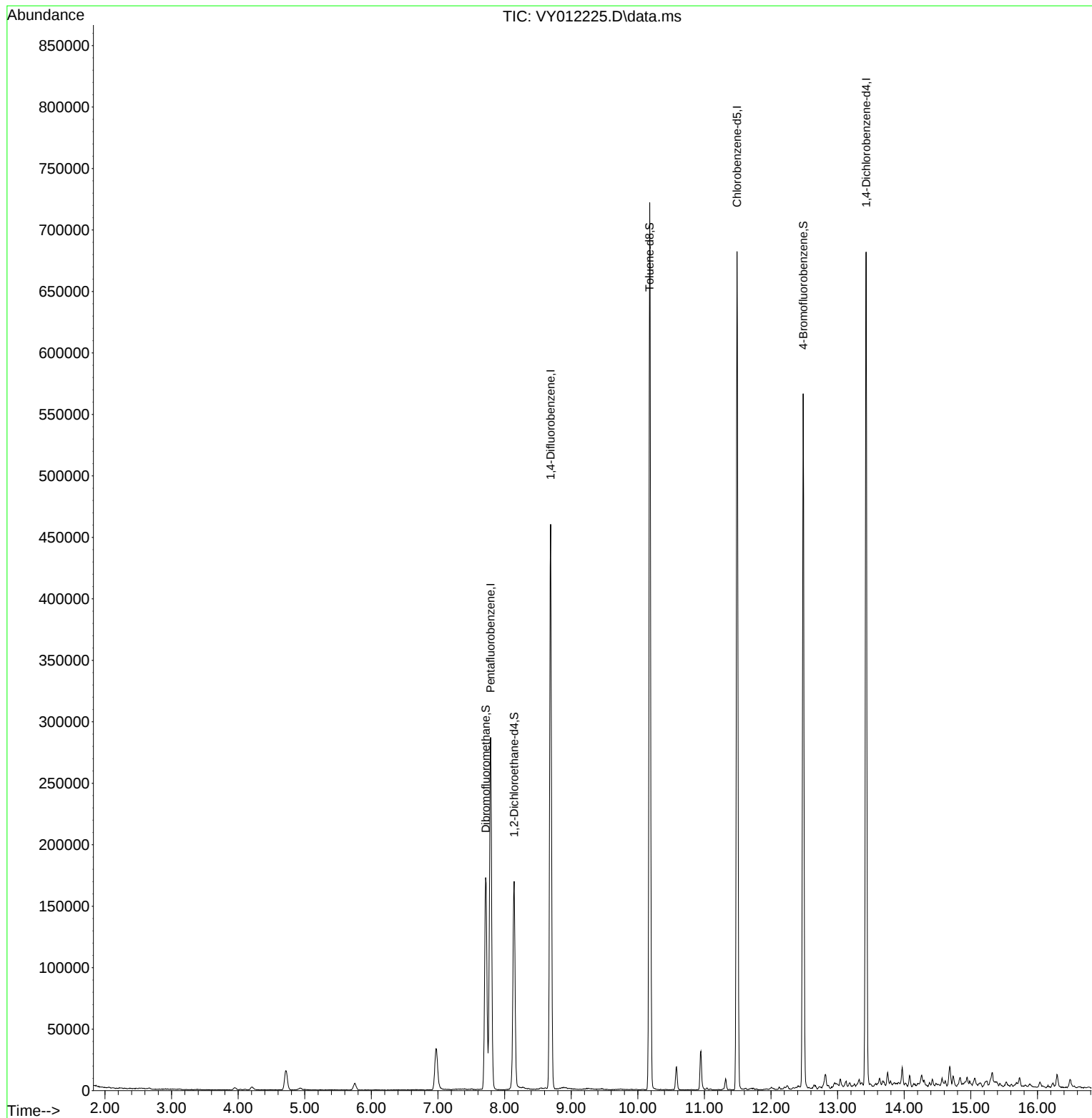
Target Compounds	Qvalue

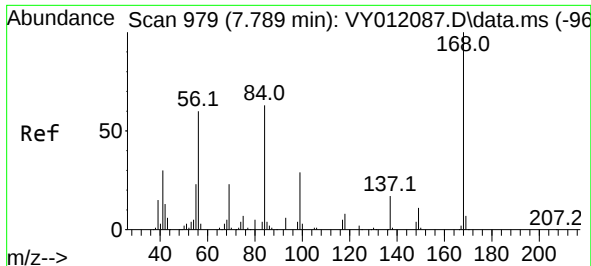
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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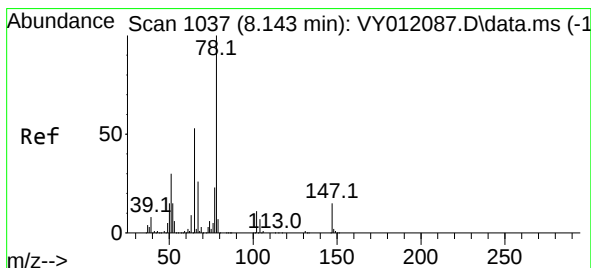
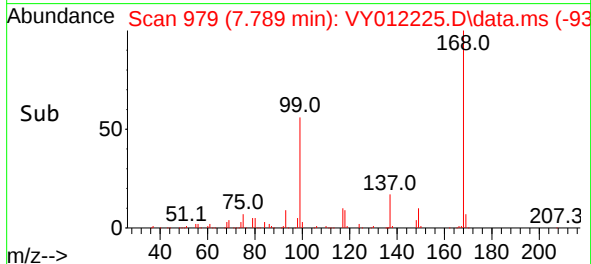
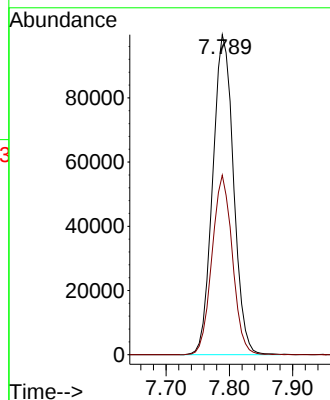
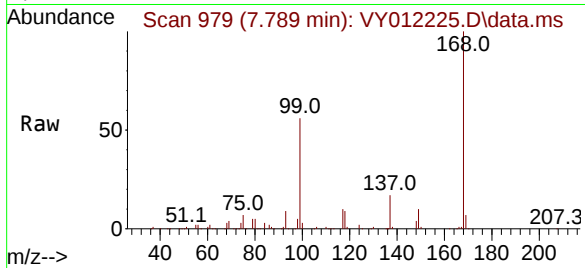




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

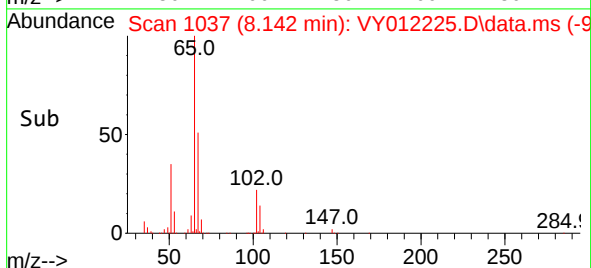
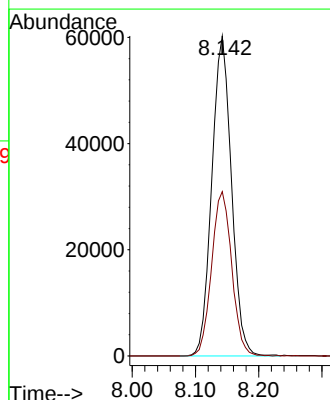
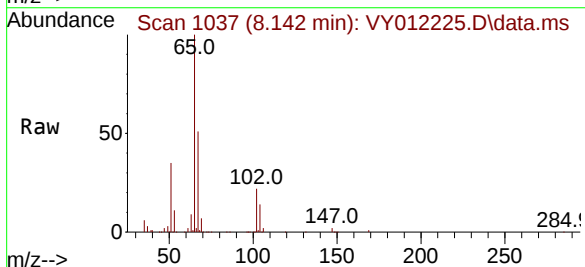
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

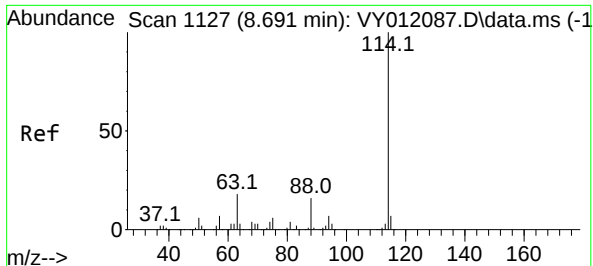
Tgt Ion:168 Resp: 227530
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 70.416 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 65 Resp: 129775
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2

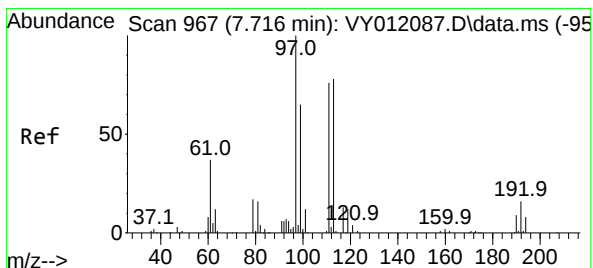
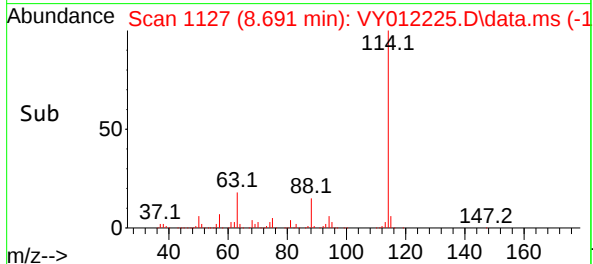
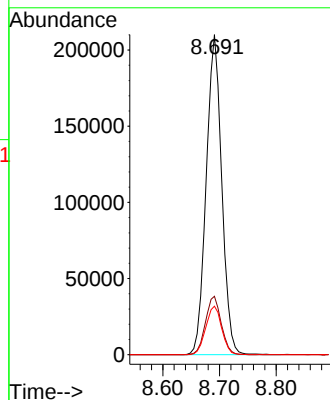
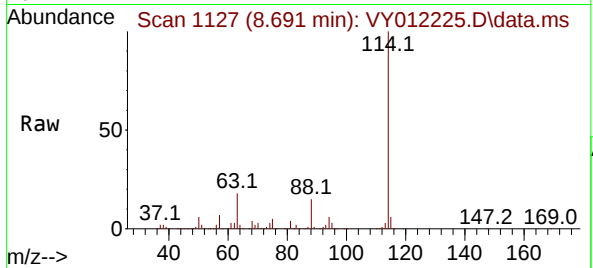




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

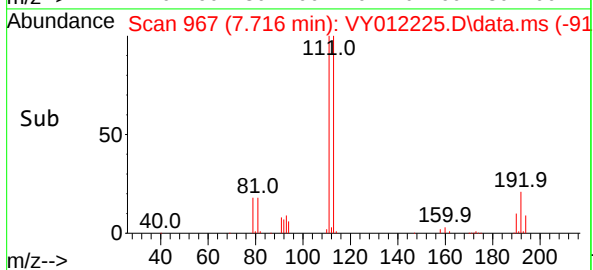
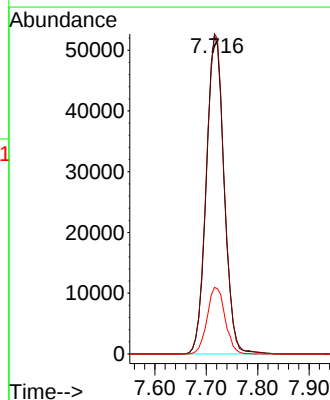
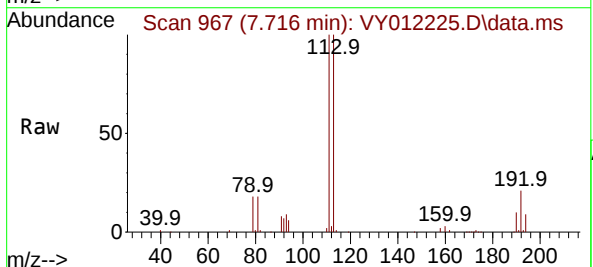
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

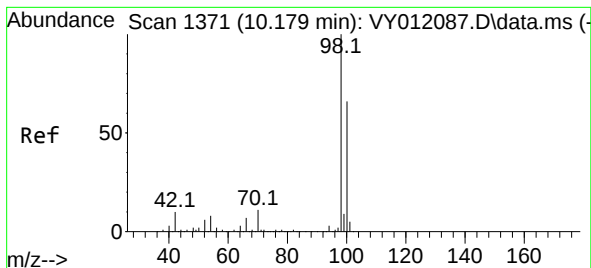
Tgt Ion:114 Resp: 399741
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 59.459 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion:113 Resp: 125853
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.1 16.0 24.0





#50

Toluene-d8

Concen: 65.969 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

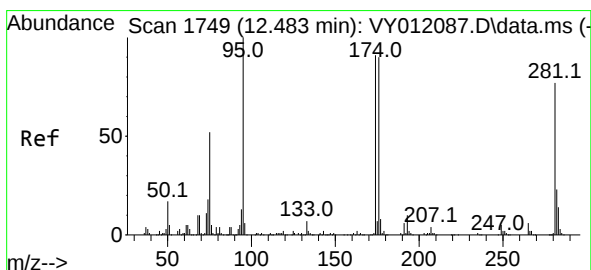
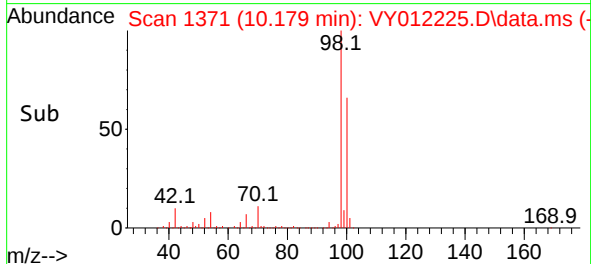
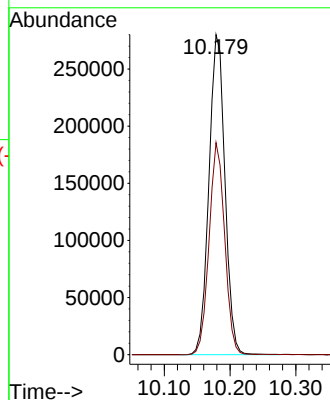
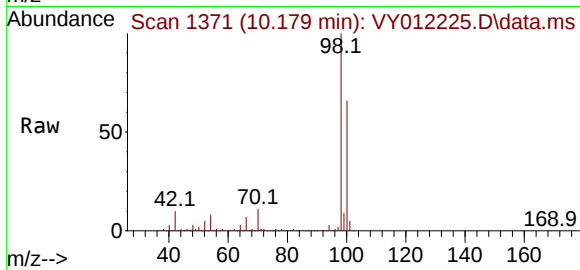
MH-6

Tgt Ion: 98 Resp: 473655

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 55.874 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

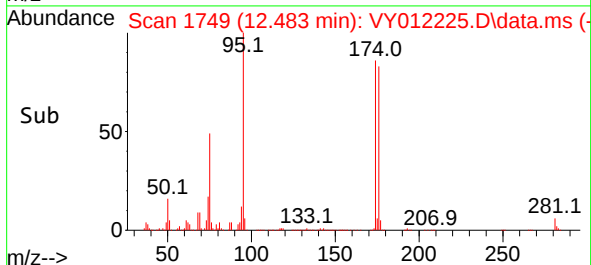
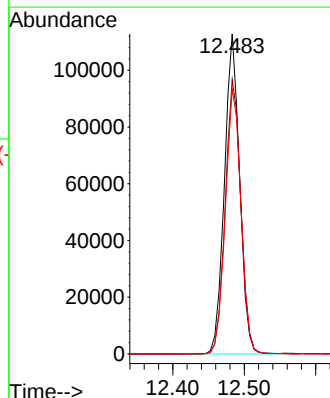
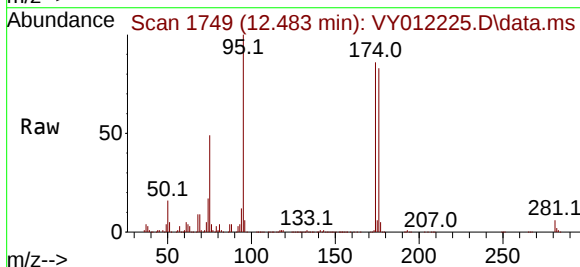
Tgt Ion: 95 Resp: 166716

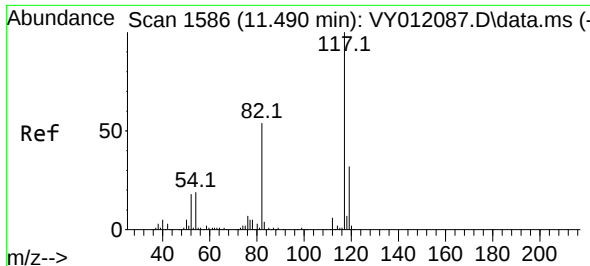
Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.0

176 85.0 0.0 167.6

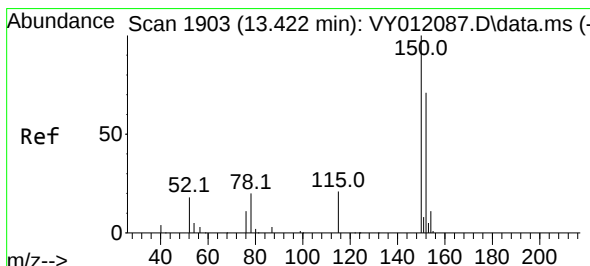
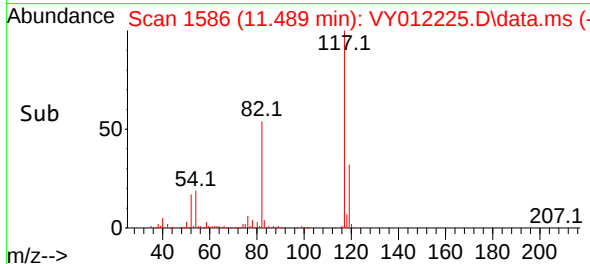
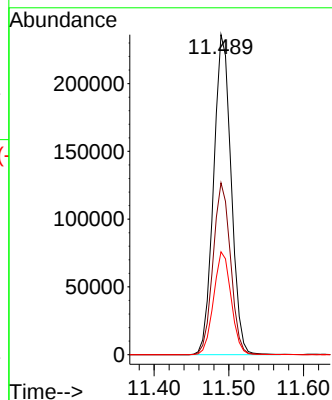
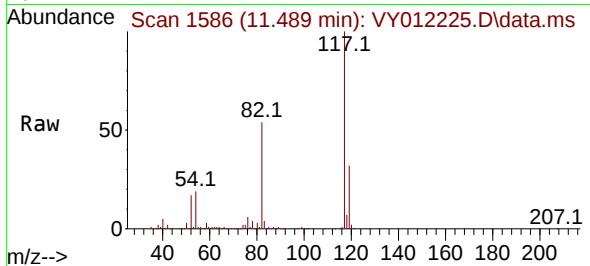




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
MH-6

Tgt Ion:117 Resp: 385050
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion:152 Resp: 180716
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 157.4 0.0 342.6

