

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012203.D
 Acq On : 16 Jan 2023 16:45
 Operator : KP/MD
 Sample : 01100-05
 Misc : 6.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Jan 16 17:34:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 14:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104944	73.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.900%
35) Dibromofluoromethane	7.716	113	86088	56.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.179	98	342075	65.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.660%
62) 4-Bromofluorobenzene	12.483	95	110589	51.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.440%

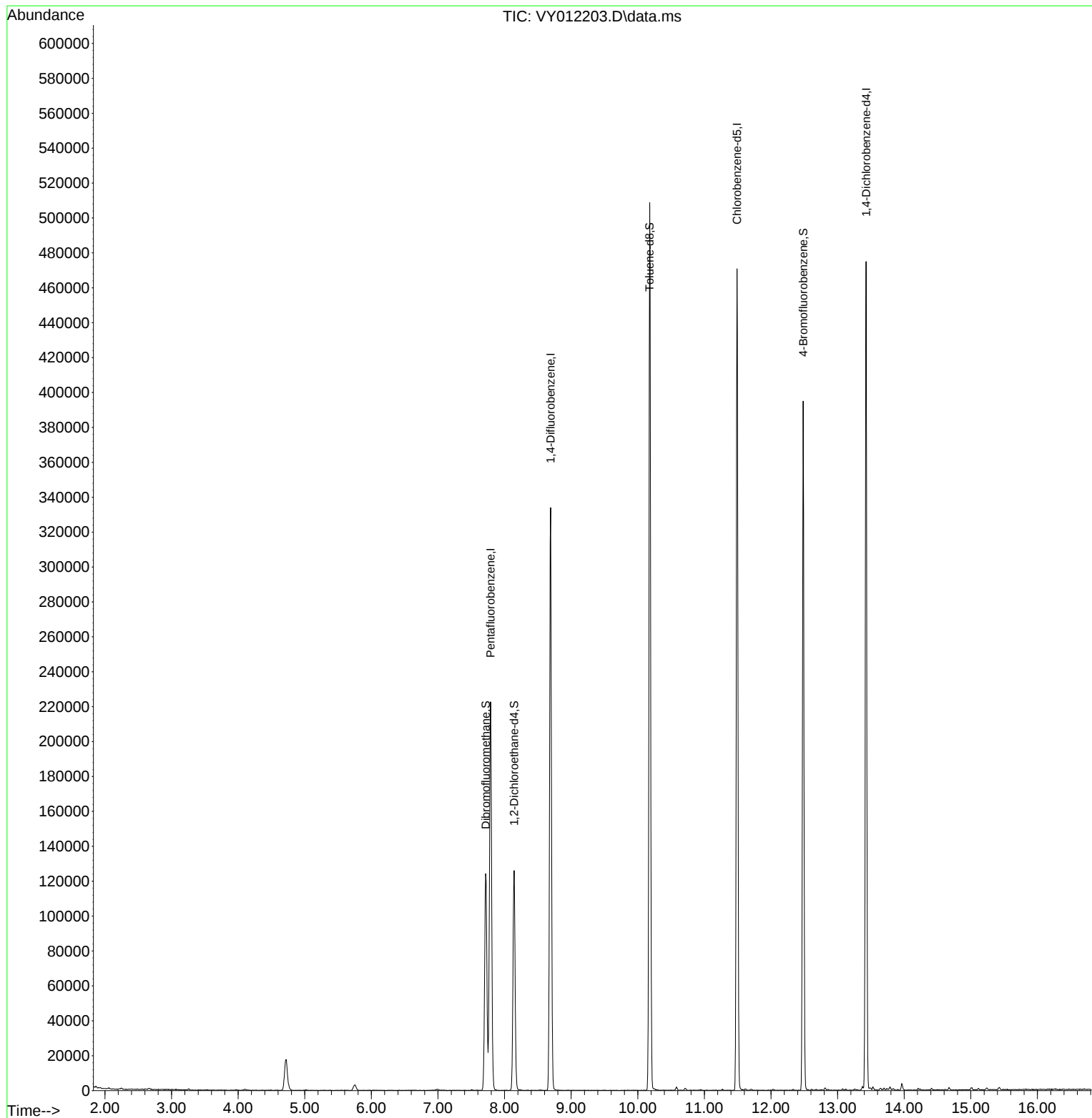
Target Compounds	Qvalue

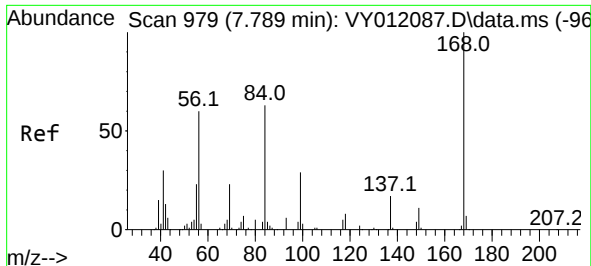
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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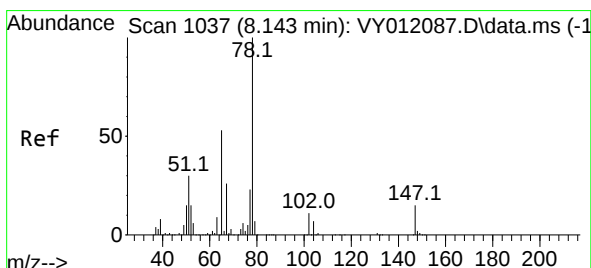
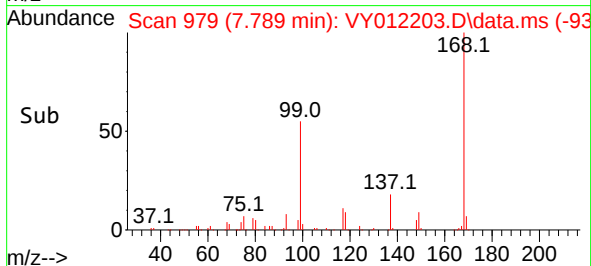
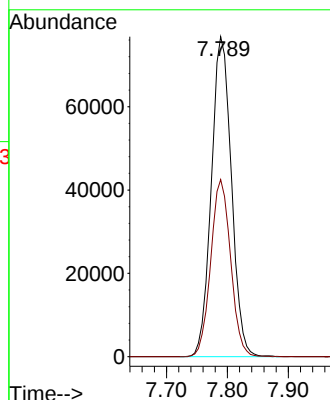
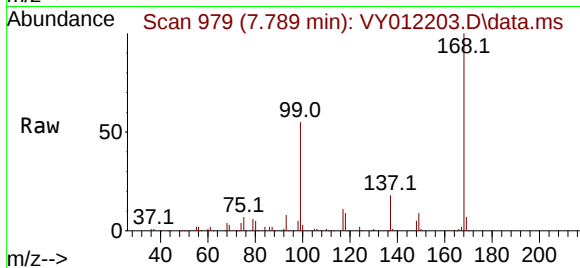




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

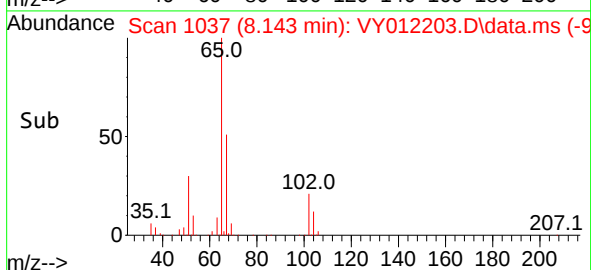
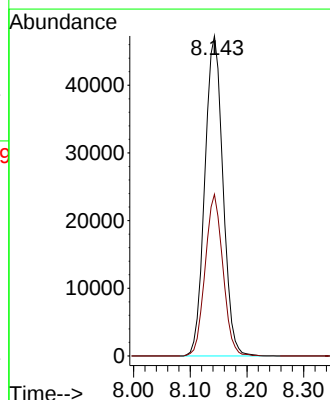
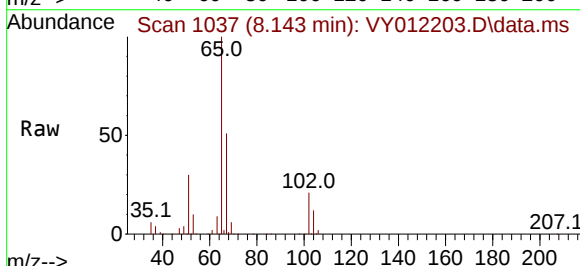
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

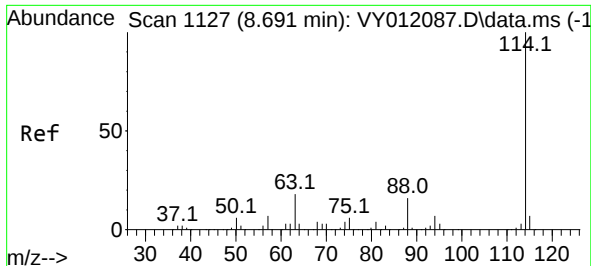
Tgt Ion:168 Resp: 175687
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 73.948 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 65 Resp: 104944
Ion Ratio Lower Upper
65 100
67 49.5 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: VY012203.D

Acq: 16 Jan 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

WASTE

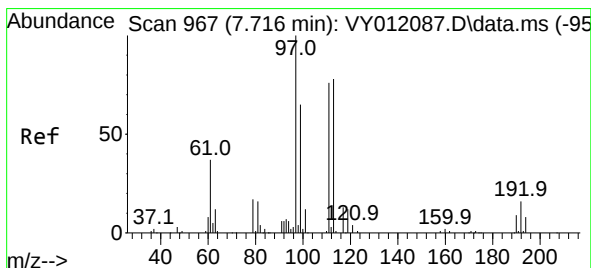
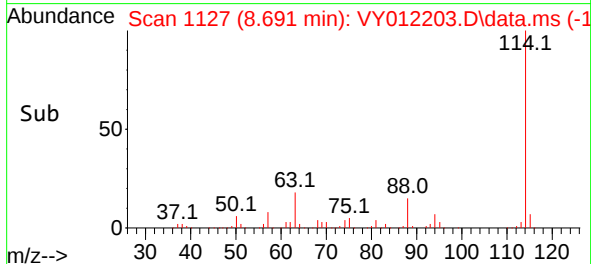
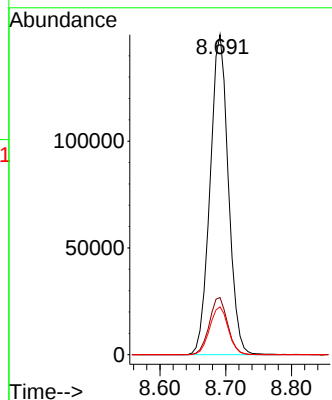
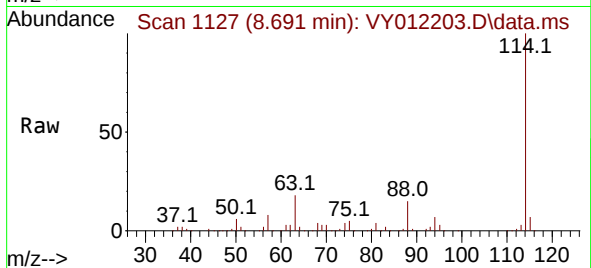
Tgt Ion:114 Resp: 289246

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.209 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012203.D

Acq: 16 Jan 2023 16:45

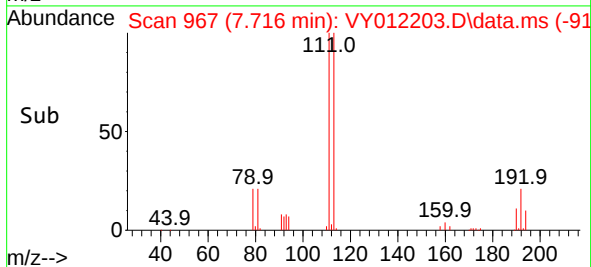
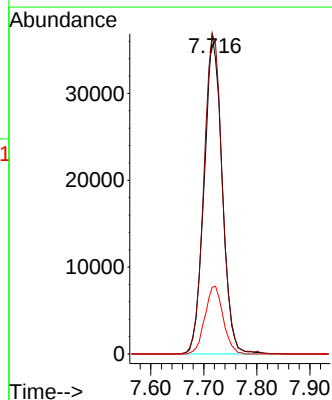
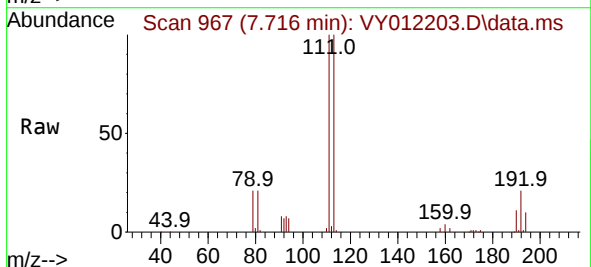
Tgt Ion:113 Resp: 86088

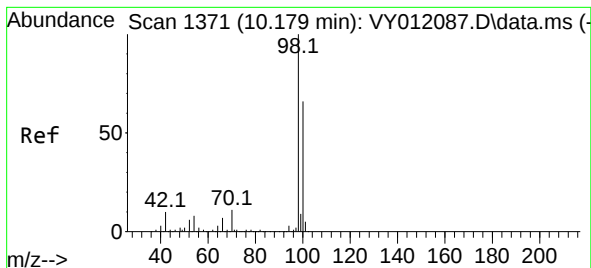
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.6 16.0 24.0





#50

Toluene-d8

Concen: 65.834 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012203.D

Acq: 16 Jan 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

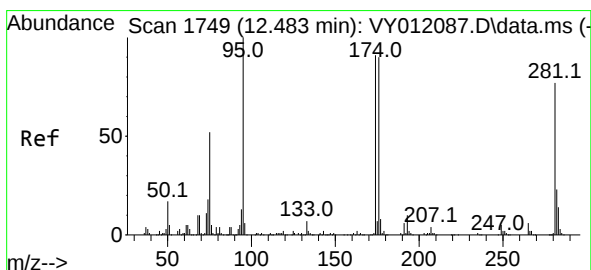
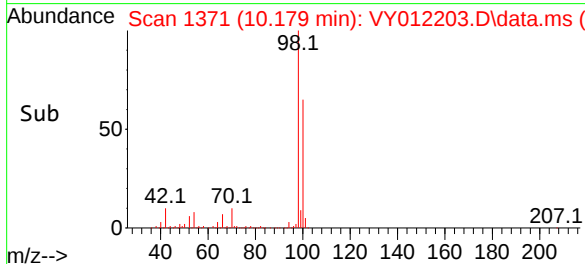
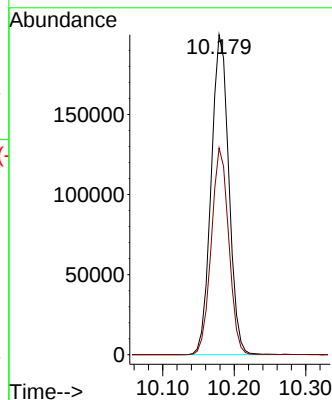
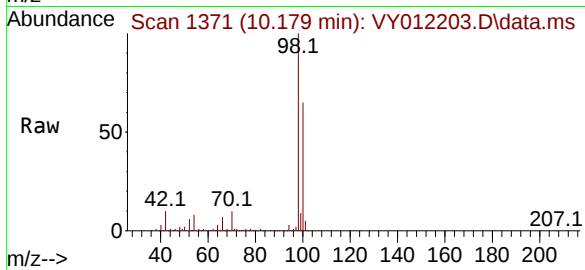
WASTE

Tgt Ion: 98 Resp: 342075

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.222 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012203.D

Acq: 16 Jan 2023 16:45

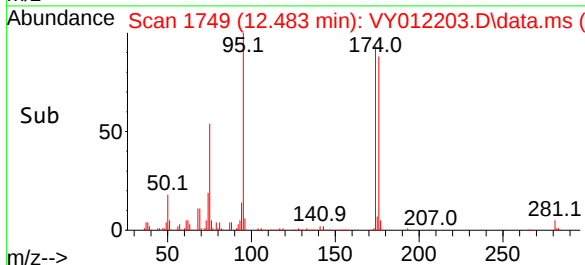
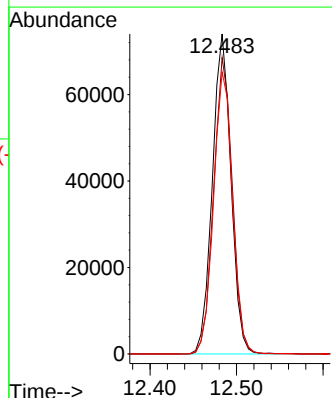
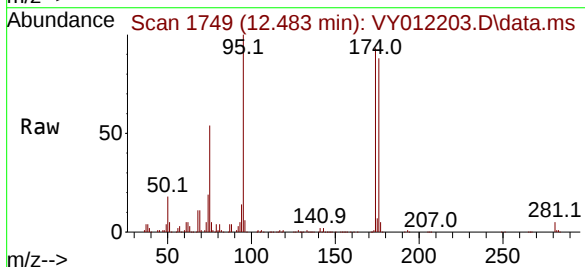
Tgt Ion: 95 Resp: 110589

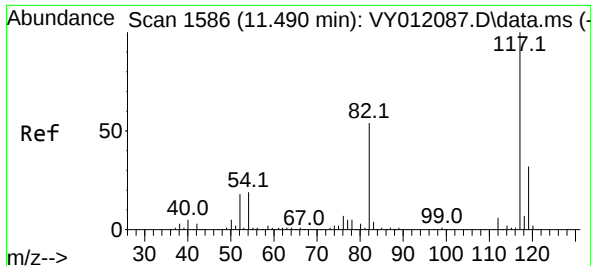
Ion Ratio Lower Upper

95 100

174 93.3 0.0 172.0

176 90.1 0.0 167.6

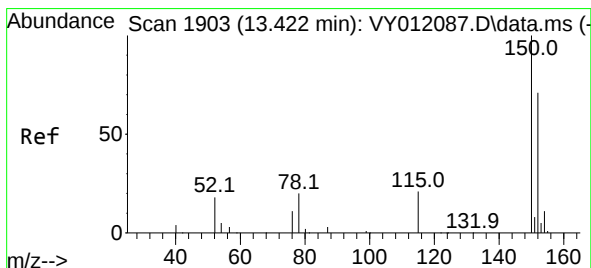
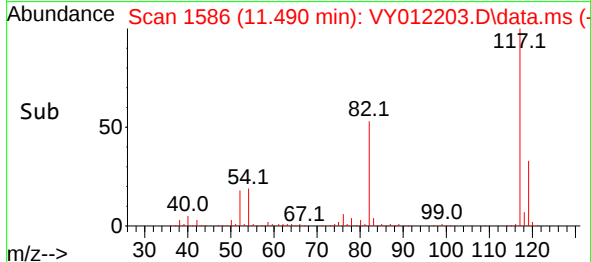
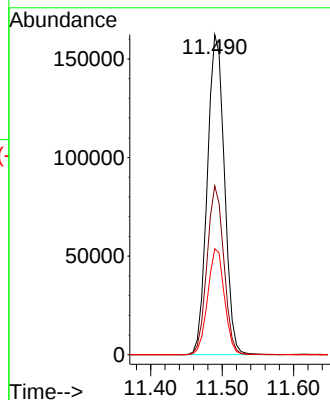
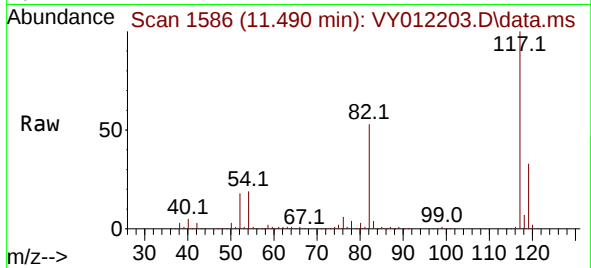




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
WASTE

Tgt Ion:117 Resp: 269514
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 33.1 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: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion:152 Resp: 124049
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 157.0 0.0 342.6

