

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012246.D
 Acq On : 18 Jan 2023 15:16
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 19 00:36:05 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)

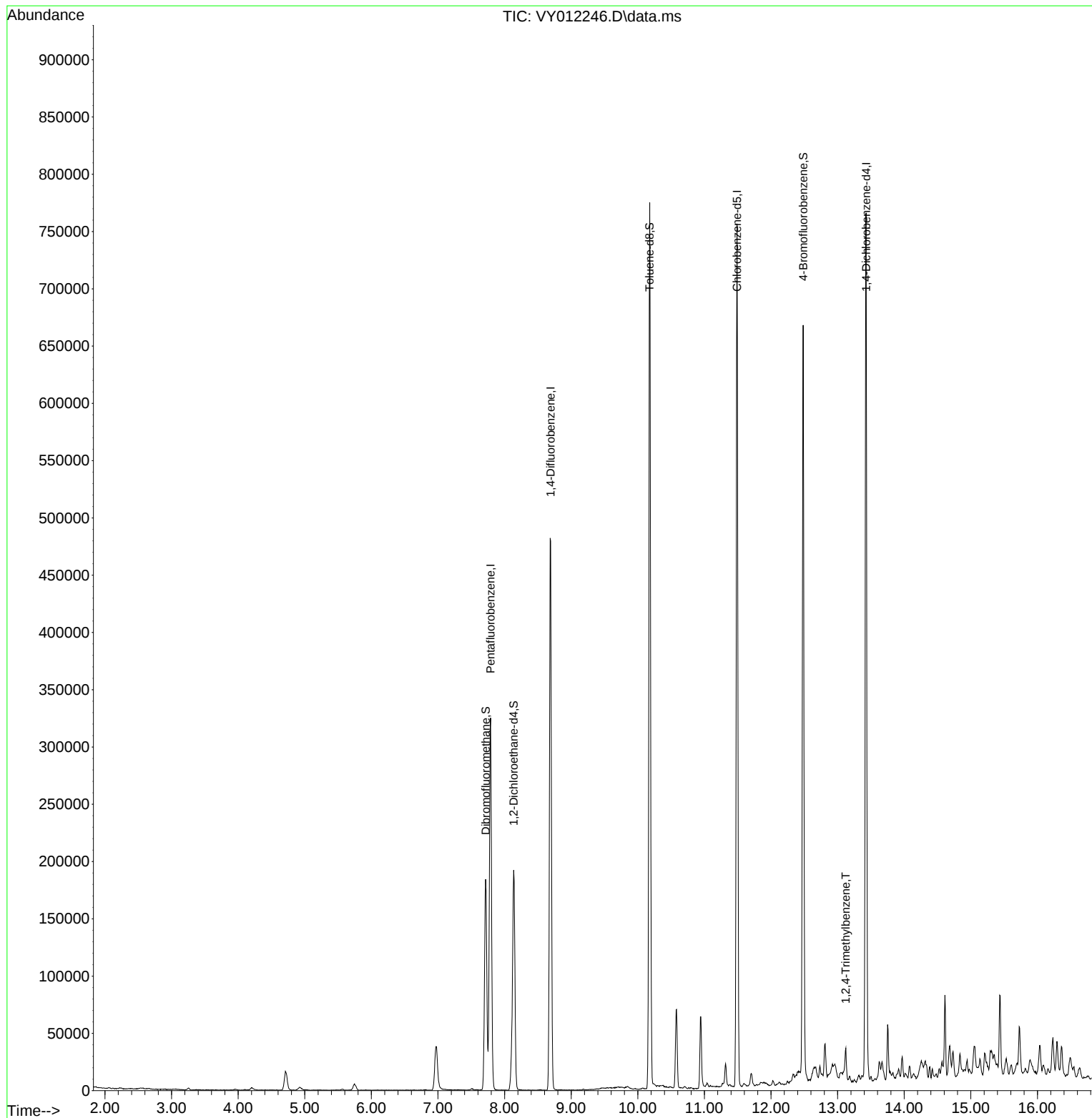
Internal Standards						
1) Pentafluorobenzene	7.789	168	261360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	438926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	427489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144132	67.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.880%	
35) Dibromofluoromethane	7.716	113	131833	56.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.179	98	522917	66.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.700%	
62) 4-Bromofluorobenzene	12.483	95	193059	58.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.860%	
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.123	105	13992	1.089	ug/l	97

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

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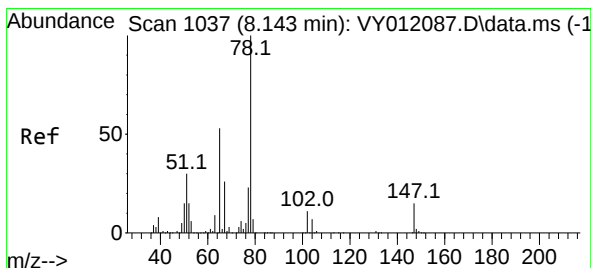
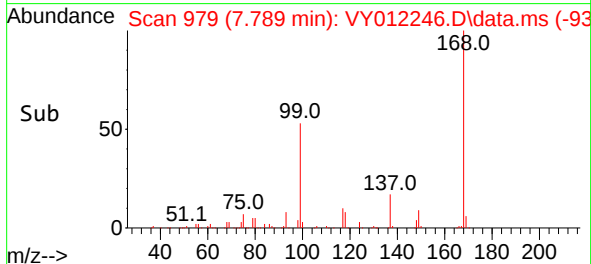
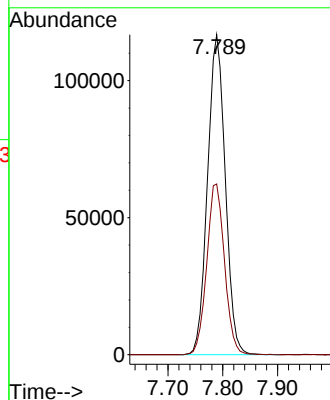
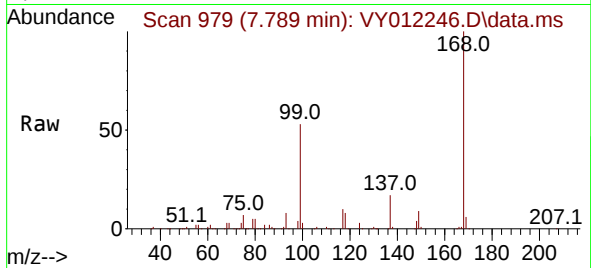




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012246.D
Acq: 18 Jan 2023 15:16

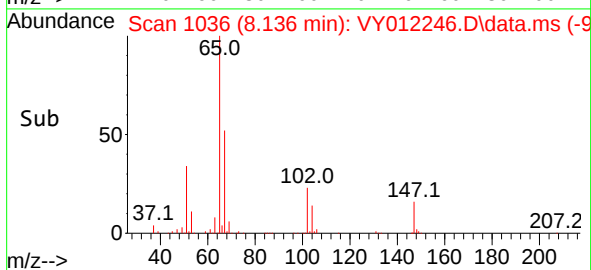
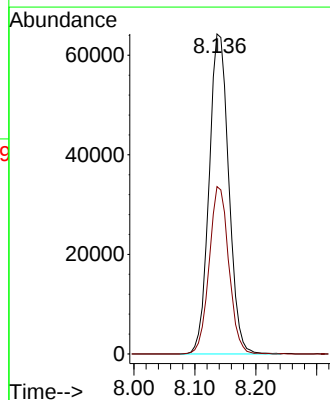
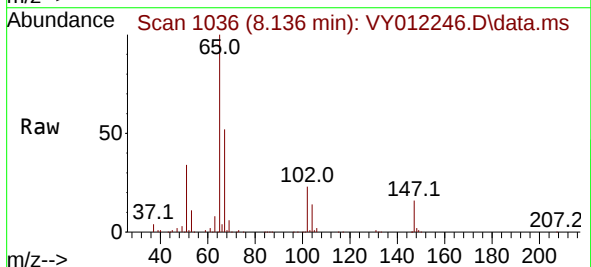
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

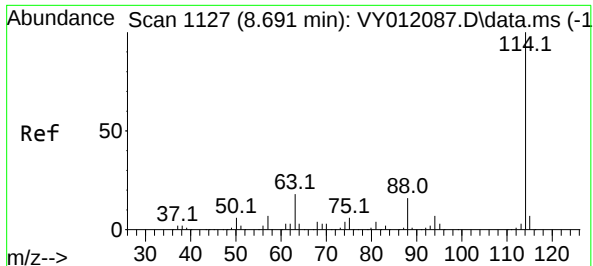
Tgt Ion:168 Resp: 261360
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.942 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012246.D
Acq: 18 Jan 2023 15:16

Tgt Ion: 65 Resp: 144132
Ion Ratio Lower Upper
65 100
67 52.2 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: VY012246.D

Acq: 18 Jan 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

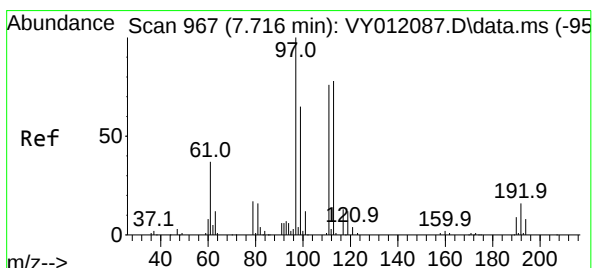
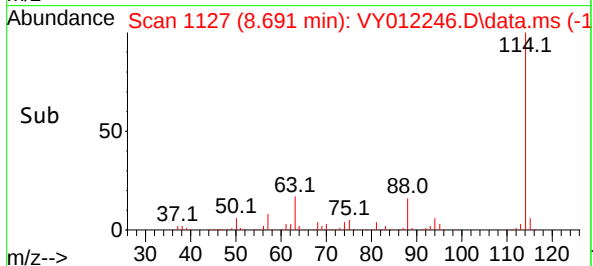
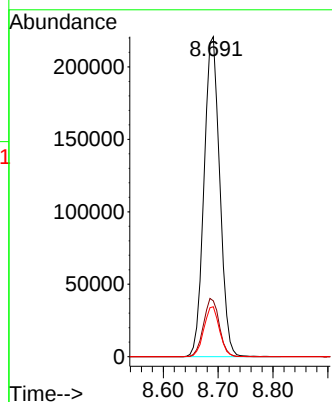
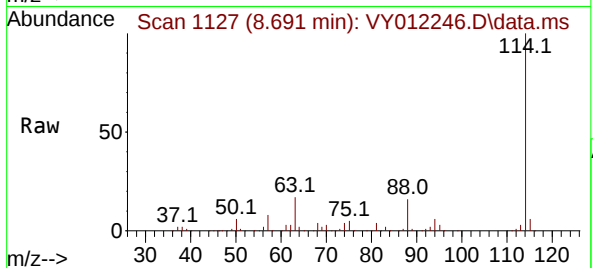
Tgt Ion:114 Resp: 438926

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.724 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012246.D

Acq: 18 Jan 2023 15:16

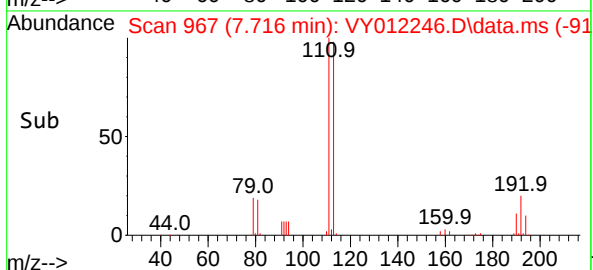
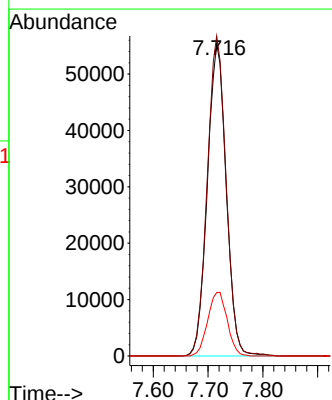
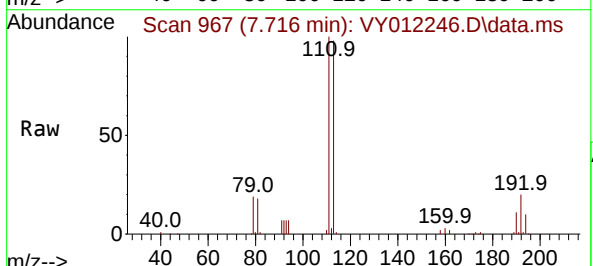
Tgt Ion:113 Resp: 131833

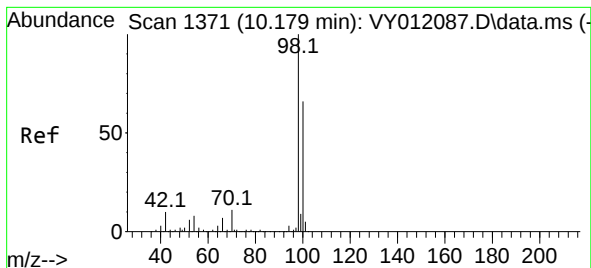
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 21.1 16.0 24.0





#50

Toluene-d8

Concen: 66.354 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012246.D

Acq: 18 Jan 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

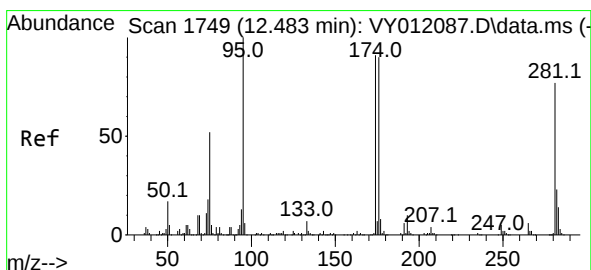
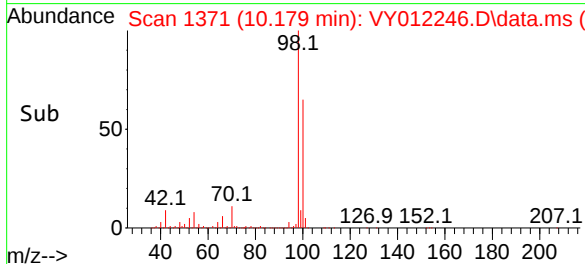
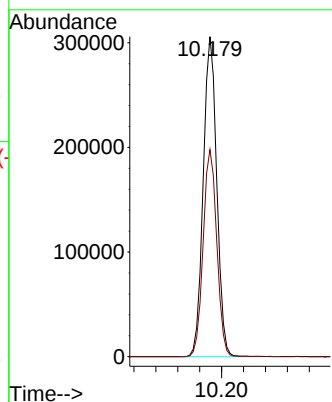
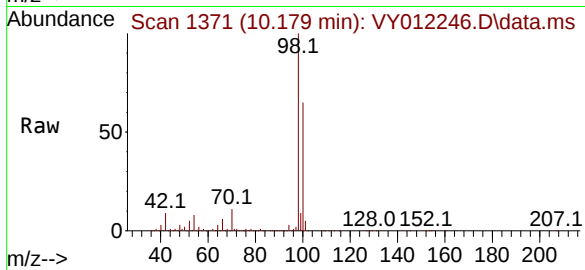
VIBLK

Tgt Ion: 98 Resp: 522917

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 58.926 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012246.D

Acq: 18 Jan 2023 15:16

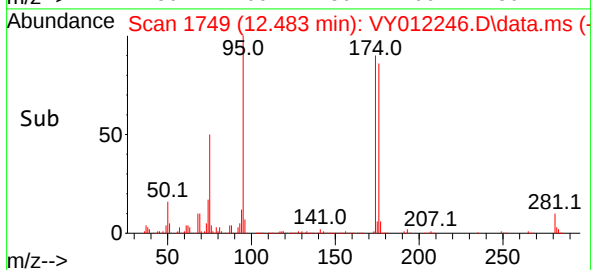
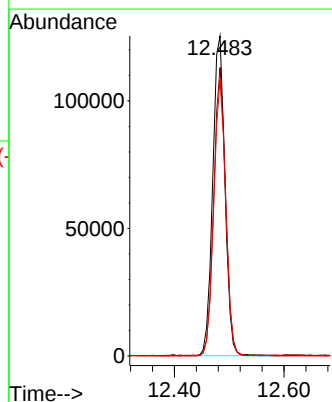
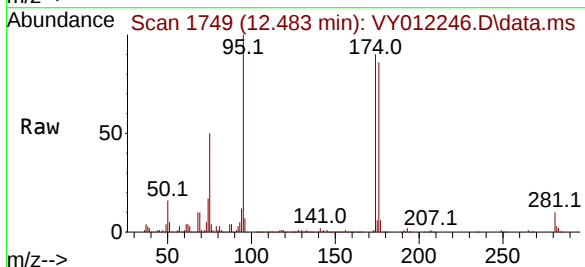
Tgt Ion: 95 Resp: 193059

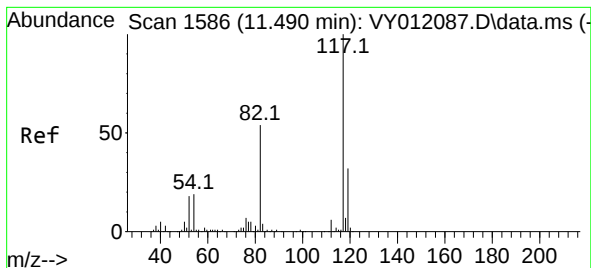
Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.0

176 84.5 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: VY012246.D

Acq: 18 Jan 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

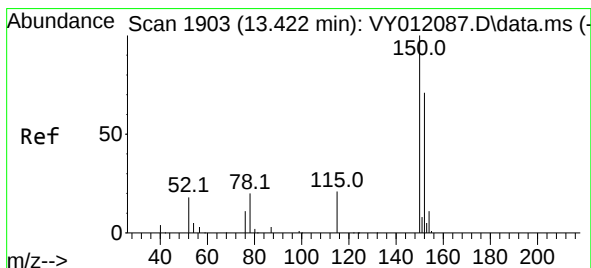
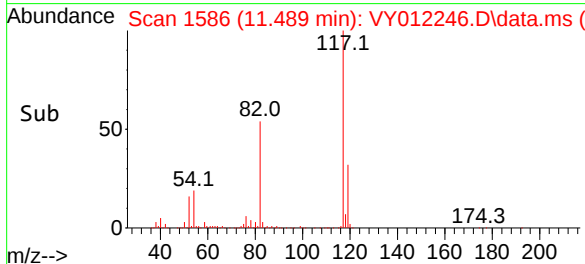
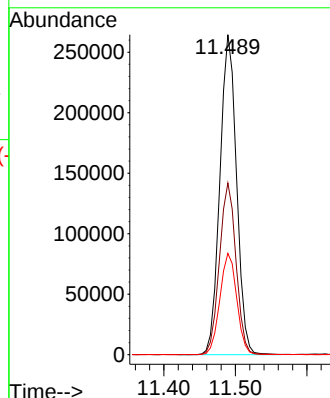
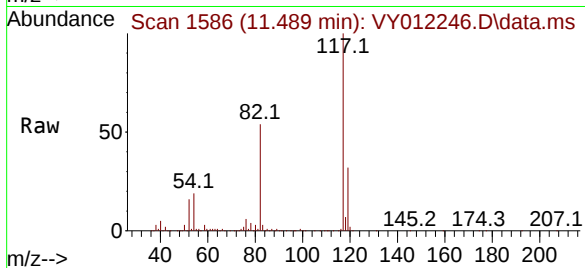
Tgt Ion:117 Resp: 427489

Ion Ratio Lower Upper

117 100

82 53.6 44.8 67.2

119 31.6 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: VY012246.D

Acq: 18 Jan 2023 15:16

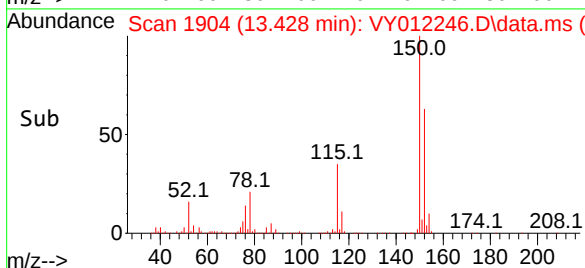
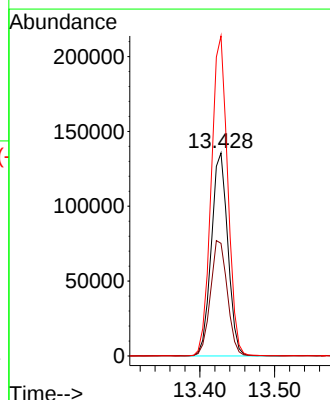
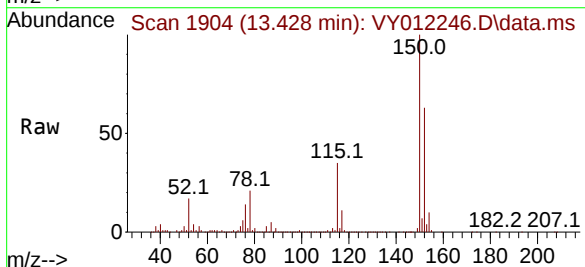
Tgt Ion:152 Resp: 207919

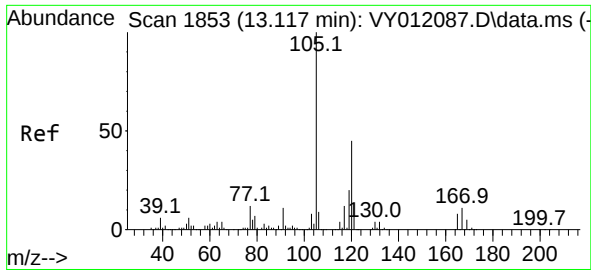
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 157.3 0.0 342.6





#84

1,2,4-Trimethylbenzene

Concen: 1.089 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012246.D

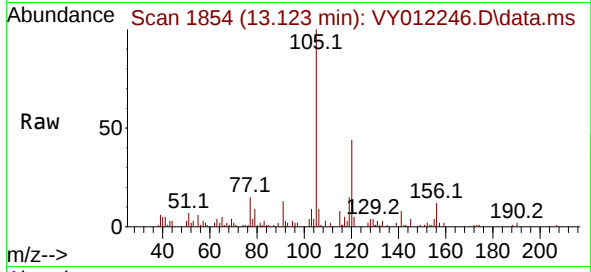
Acq: 18 Jan 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:105 Resp: 13992

Ion Ratio Lower Upper

105 100

120 44.0 22.9 68.7

