

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013052.D
 Acq On : 22 Mar 2023 16:18
 Operator : KP/MD
 Sample : 02019-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Quant Time: Mar 23 05:24:07 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)

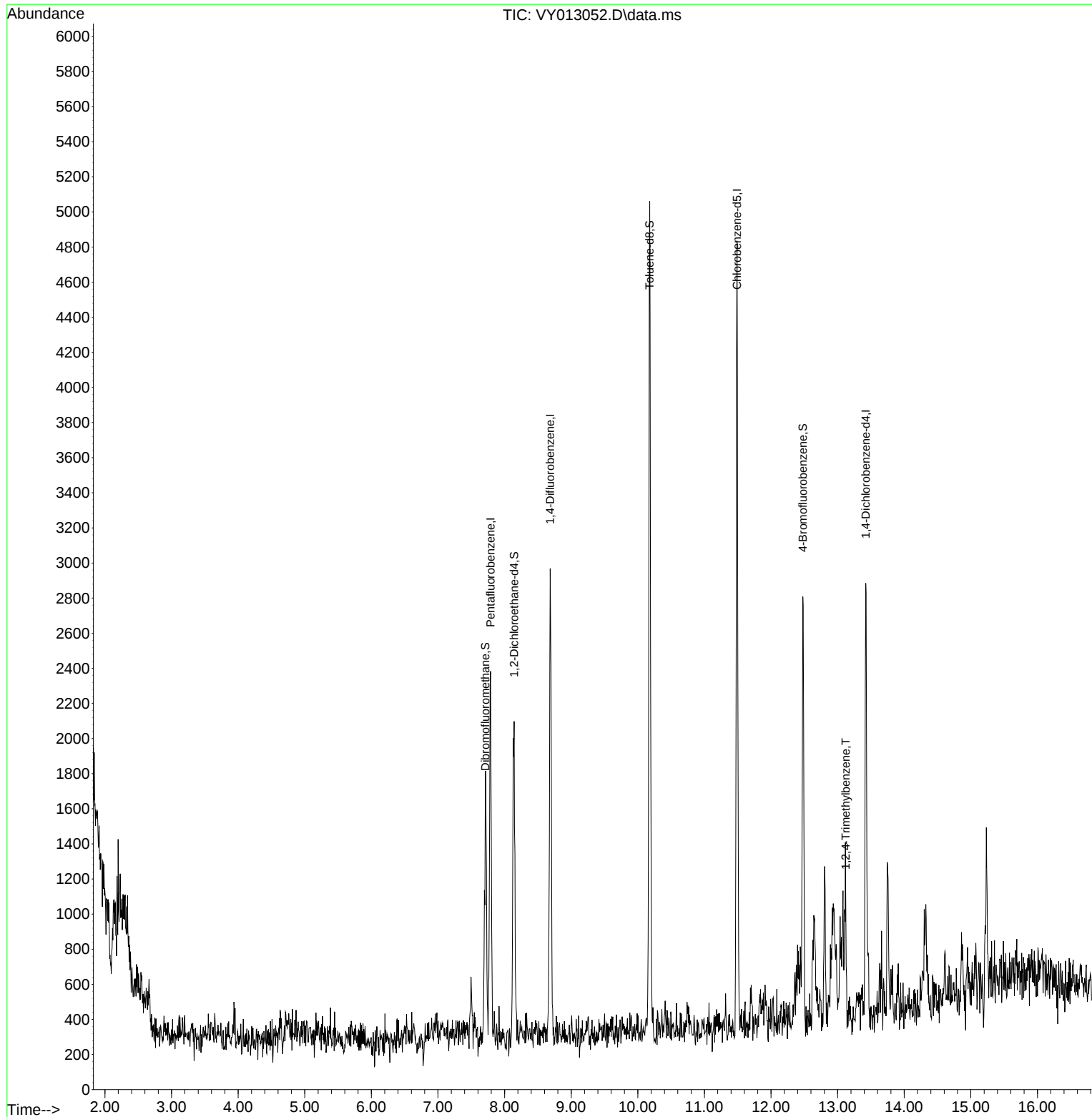
Internal Standards						
1) Pentafluorobenzene	7.789	168	1895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2695	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1514	80.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.940%	
35) Dibromofluoromethane	7.709	113	1122	68.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.400%	
50) Toluene-d8	10.178	98	3403	56.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.160%	
62) 4-Bromofluorobenzene	12.477	95	934	46.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.020%	
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.123	105	401	7.817	ug/l	97

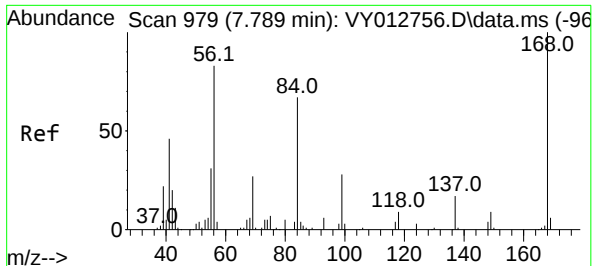
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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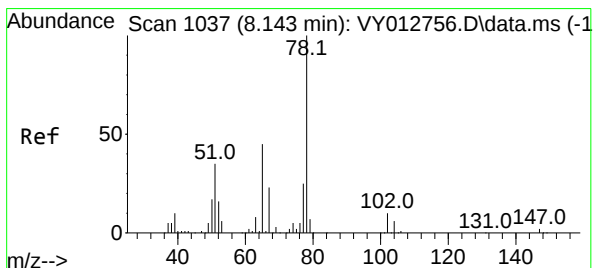
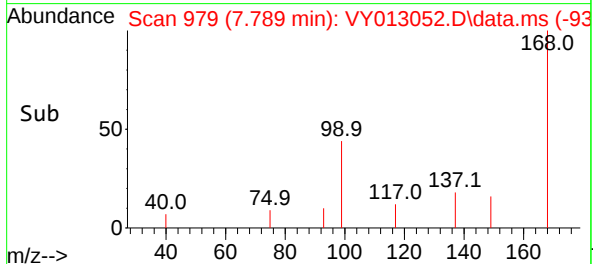
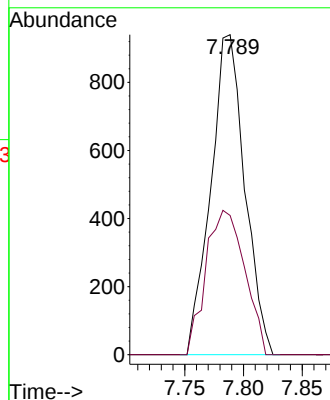
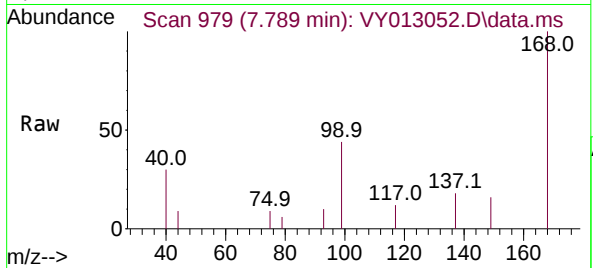




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013052.D
Acq: 22 Mar 2023 16:18

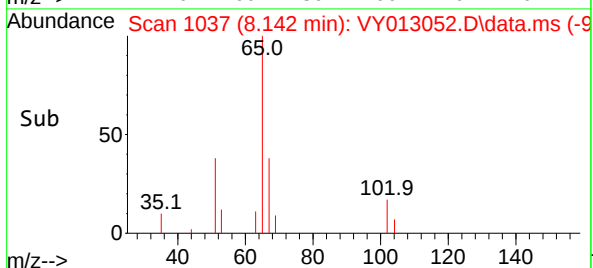
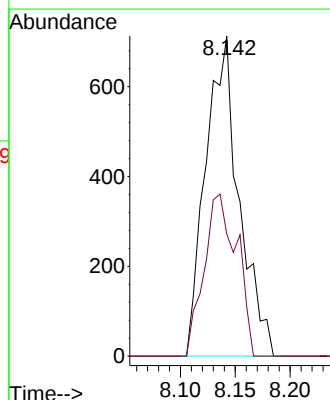
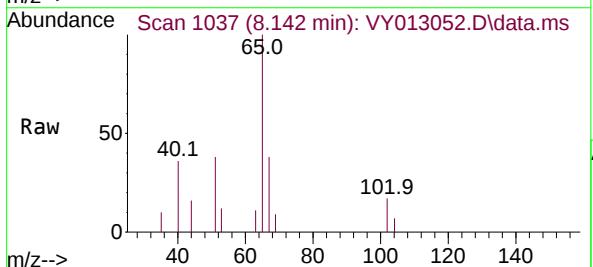
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

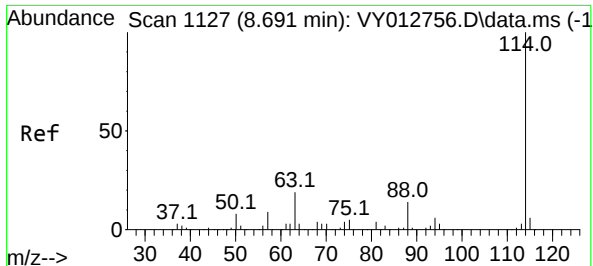
Tgt Ion:168 Resp: 1895
Ion Ratio Lower Upper
168 100
99 43.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 80.468 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013052.D
Acq: 22 Mar 2023 16:18

Tgt Ion: 65 Resp: 1514
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VY013052.D

Acq: 22 Mar 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-352

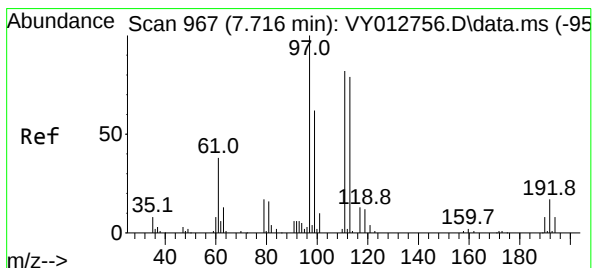
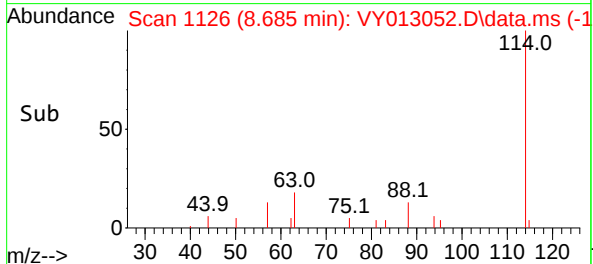
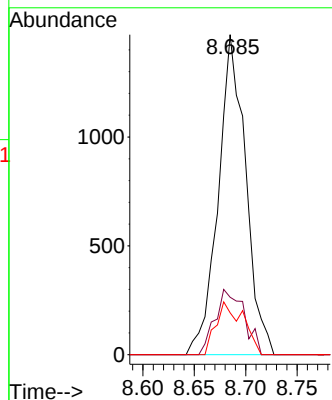
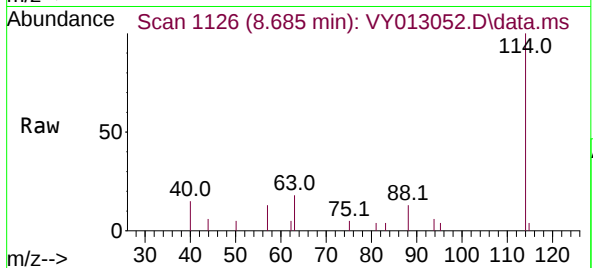
Tgt Ion:114 Resp: 2726

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 13.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 68.201 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY013052.D

Acq: 22 Mar 2023 16:18

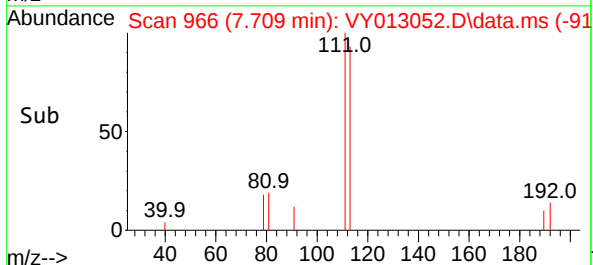
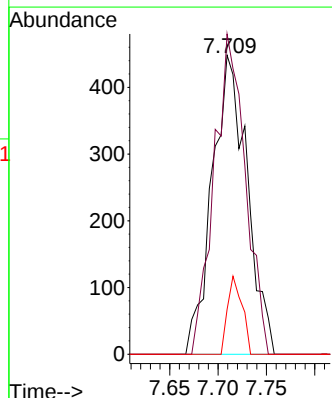
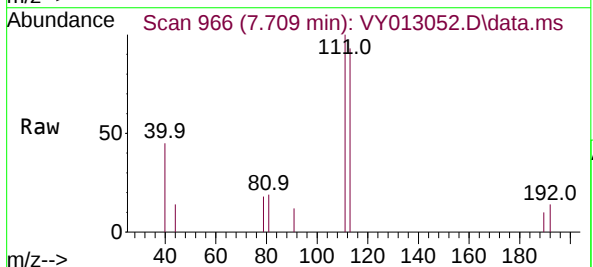
Tgt Ion:113 Resp: 1122

Ion Ratio Lower Upper

113 100

111 96.3 82.2 123.2

192 10.9 16.8 25.2#





#50

Toluene-d8

Concen: 56.582 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013052.D

Acq: 22 Mar 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

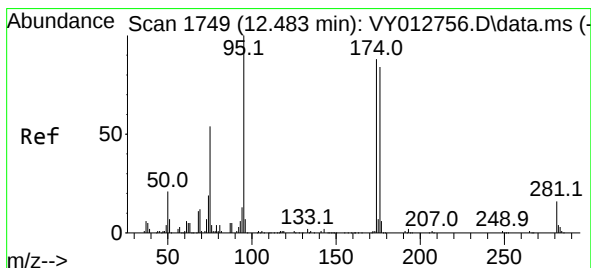
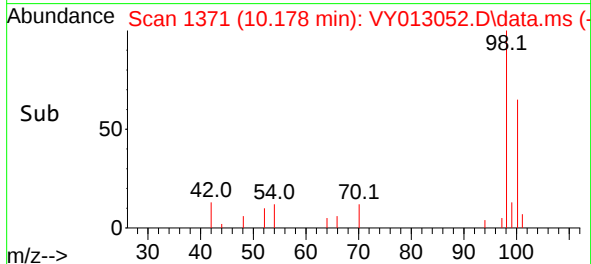
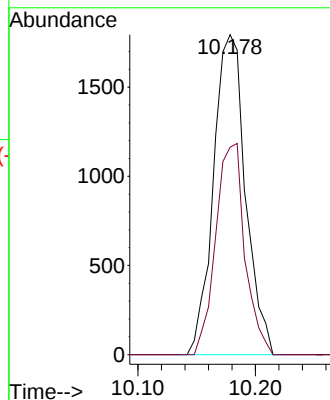
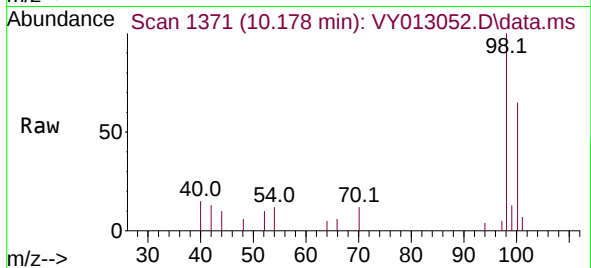
ETGI-352

Tgt Ion: 98 Resp: 3403

Ion Ratio Lower Upper

98 100

100 60.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.010 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.007 min

Lab File: VY013052.D

Acq: 22 Mar 2023 16:18

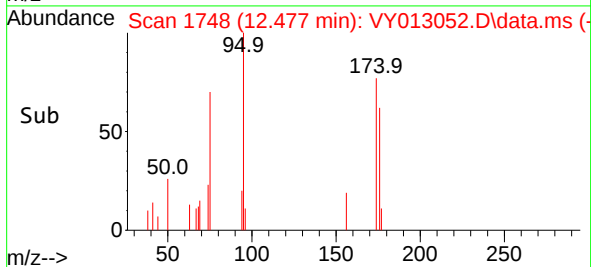
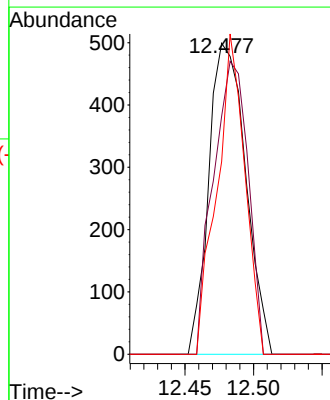
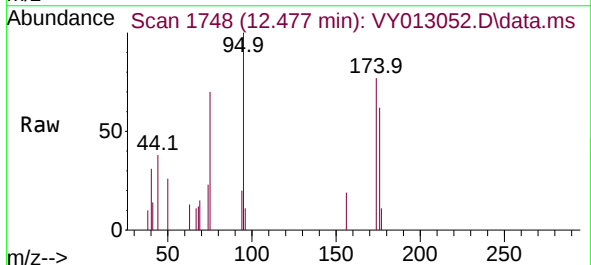
Tgt Ion: 95 Resp: 934

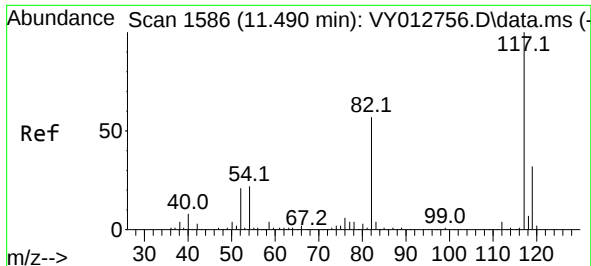
Ion Ratio Lower Upper

95 100

174 89.0 0.0 176.6

176 78.1 0.0 170.2

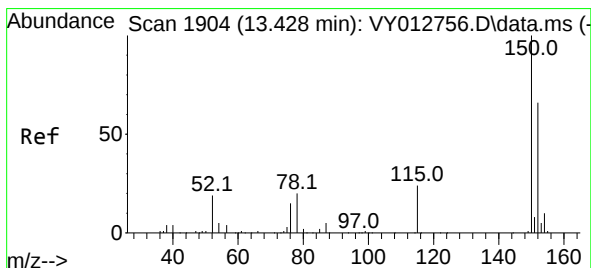
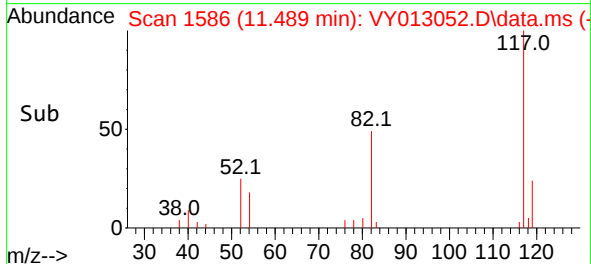
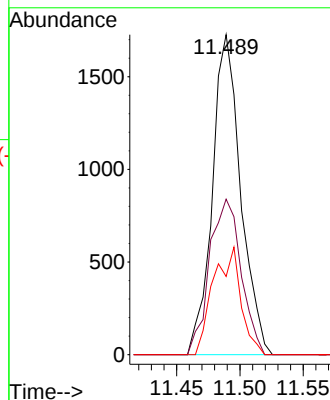
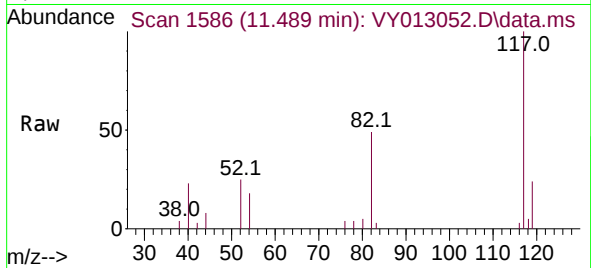




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013052.D
Acq: 22 Mar 2023 16:18

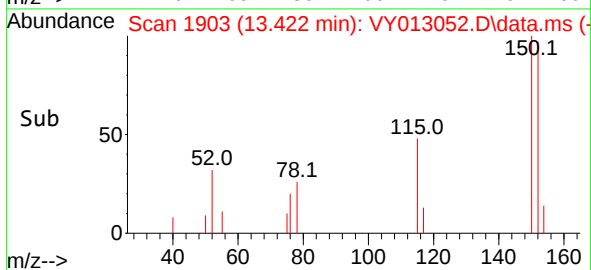
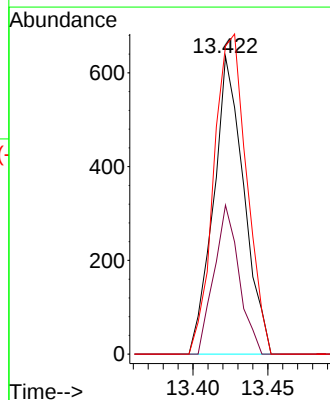
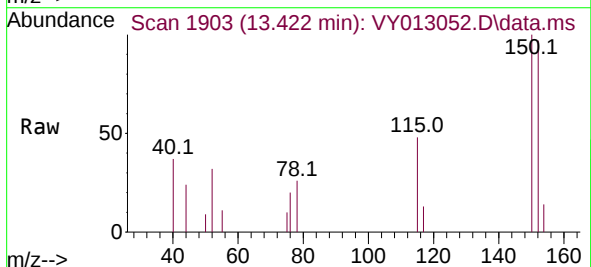
Instrument :
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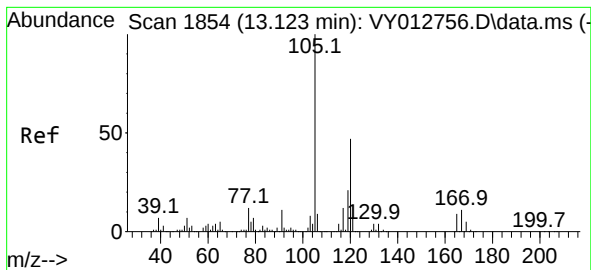
Tgt Ion:117 Resp: 2695
Ion Ratio Lower Upper
117 100
82 48.6 45.4 68.0
119 24.4 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.007 min
Lab File: VY013052.D
Acq: 22 Mar 2023 16:18

Tgt Ion:152 Resp: 897
Ion Ratio Lower Upper
152 100
115 41.0 27.1 81.3
150 116.4 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 7.817 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013052.D

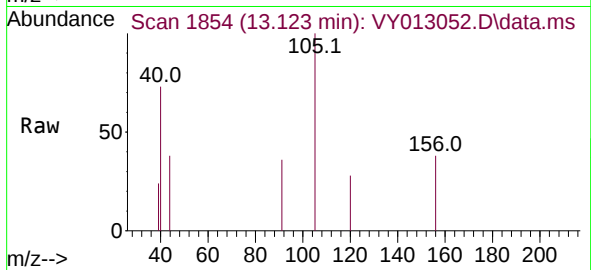
Acq: 22 Mar 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-352



Tgt Ion:105 Resp: 401

Ion Ratio Lower Upper

105 100

120 44.1 23.0 69.0

