

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013050.D
 Acq On : 22 Mar 2023 15:31
 Operator : KP/MD
 Sample : 02028-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-032123

Quant Time: Mar 23 05:23:15 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)

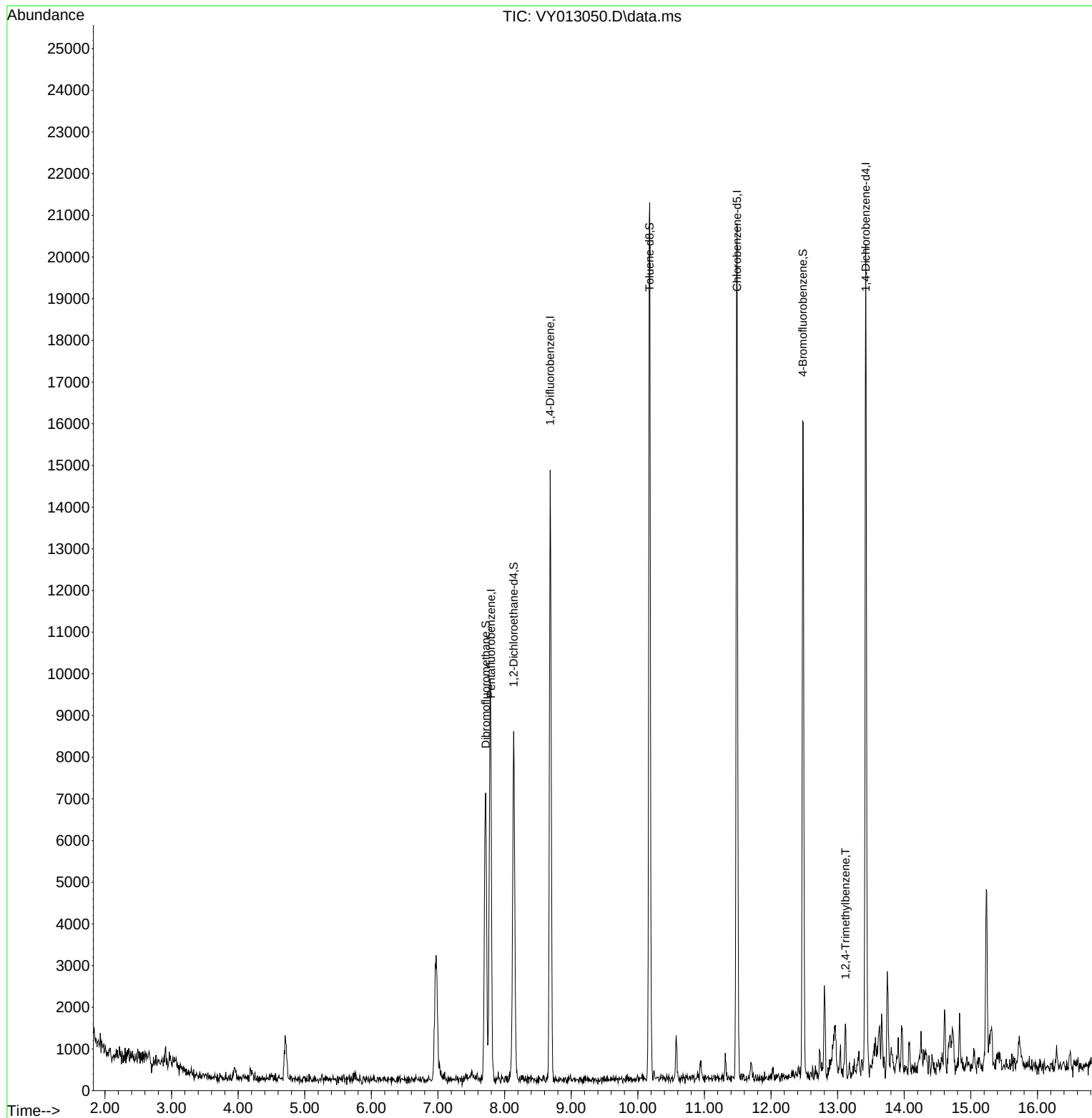
Internal Standards						
1) Pentafluorobenzene	7.795	168	7755	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	11730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6387	82.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.900%#	
35) Dibromofluoromethane	7.716	113	4949	69.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.820%	
50) Toluene-d8	10.179	98	14523	56.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	12.477	95	4439	50.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.640%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	887	3.057	ug/l	Qvalue 95

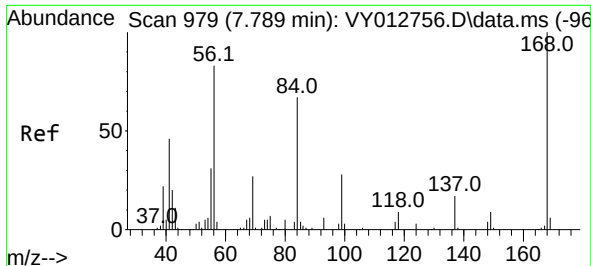
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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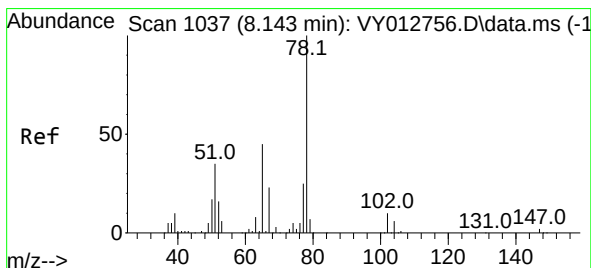
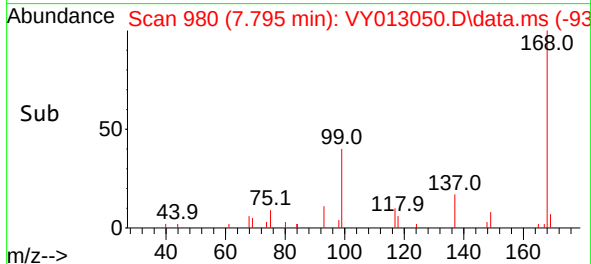
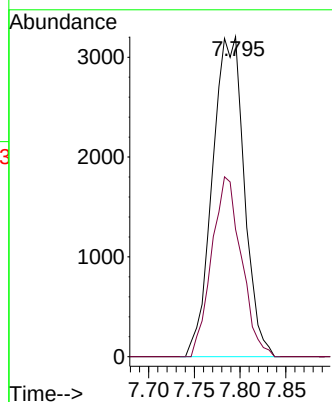
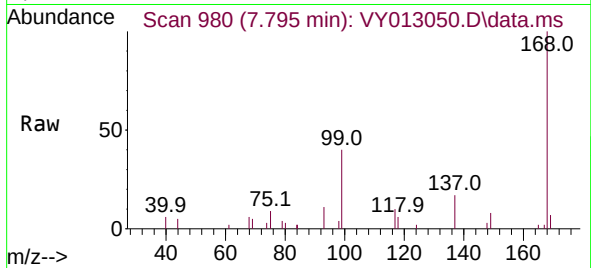




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

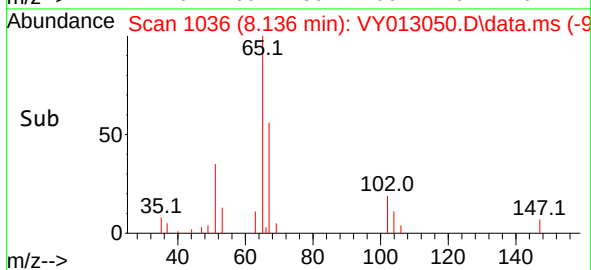
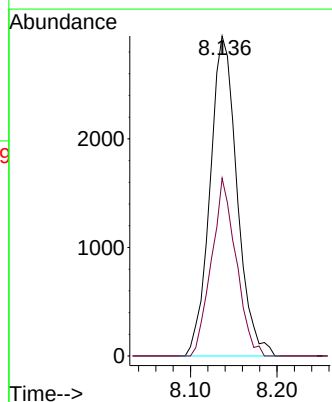
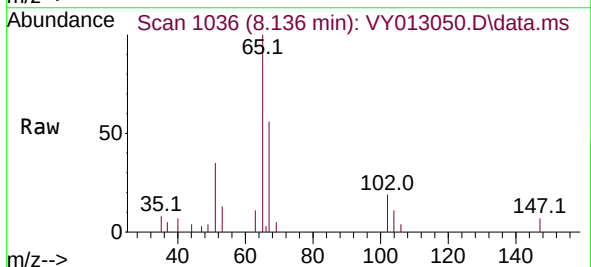
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123

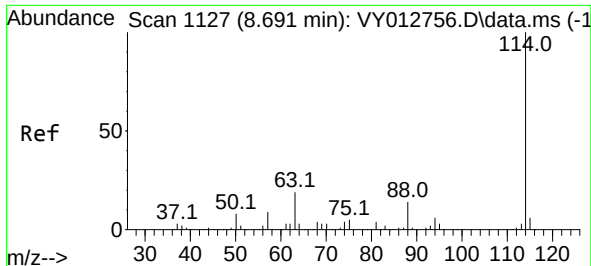
Tgt Ion:168 Resp: 7755
Ion Ratio Lower Upper
168 100
99 39.8 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 82.951 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

Tgt Ion: 65 Resp: 6387
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013050.D

Acq: 22 Mar 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-032123

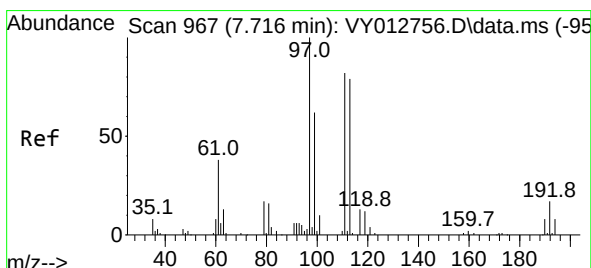
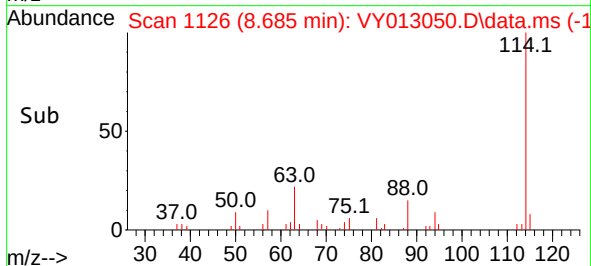
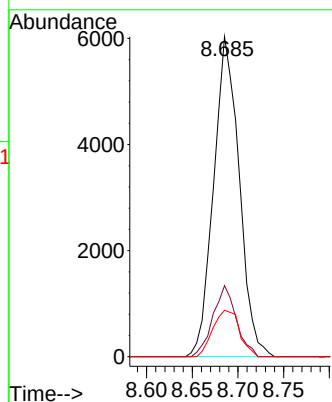
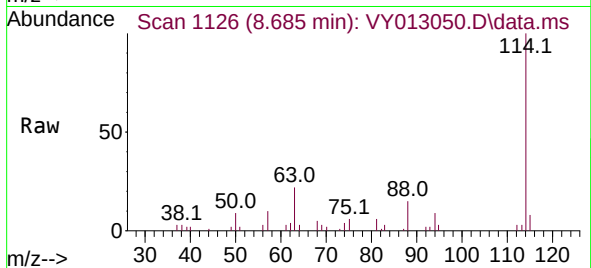
Tgt Ion:114 Resp: 11730

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 69.911 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013050.D

Acq: 22 Mar 2023 15:31

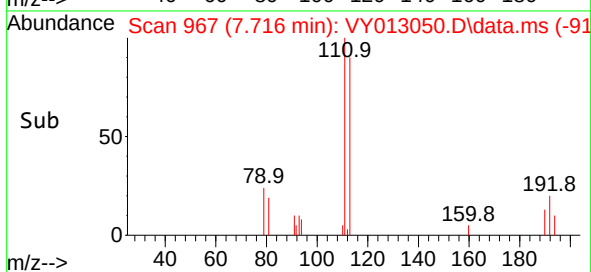
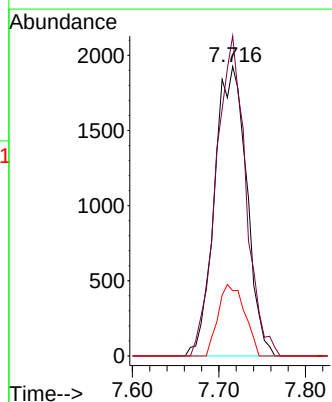
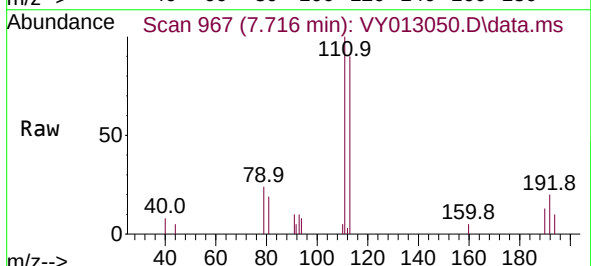
Tgt Ion:113 Resp: 4949

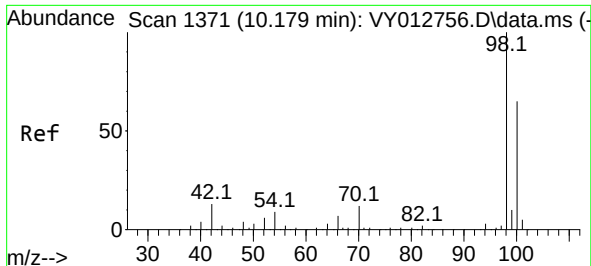
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 20.3 16.8 25.2

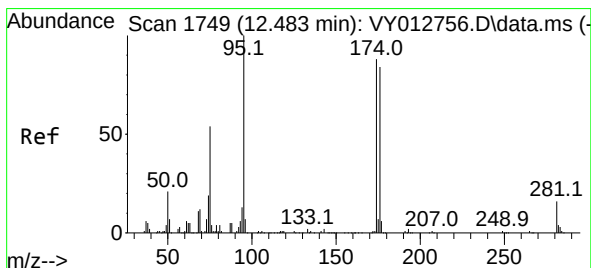
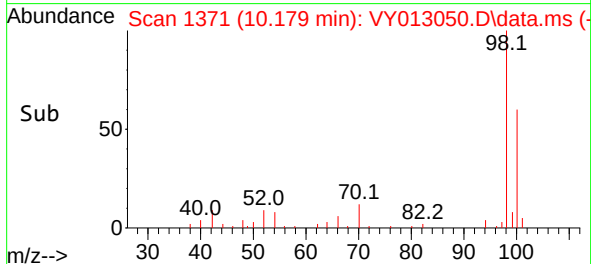
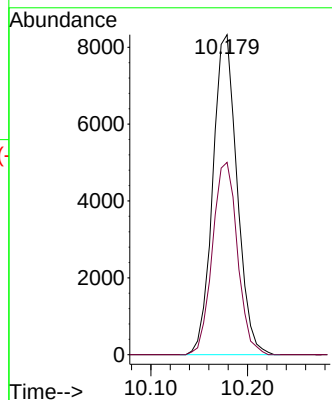
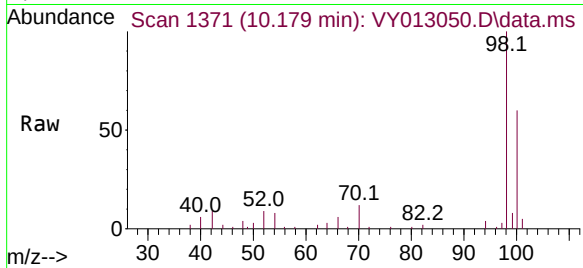




#50
Toluene-d8
Concen: 56.118 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

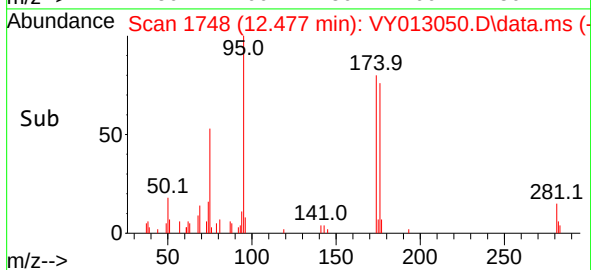
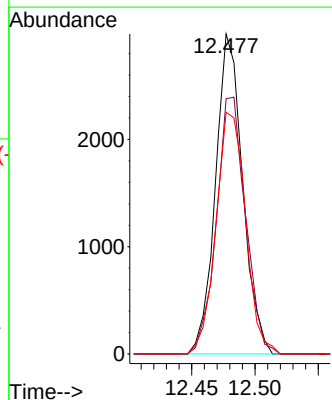
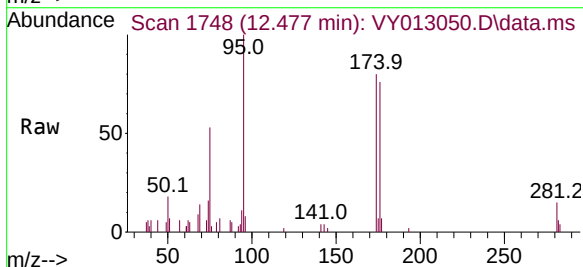
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123

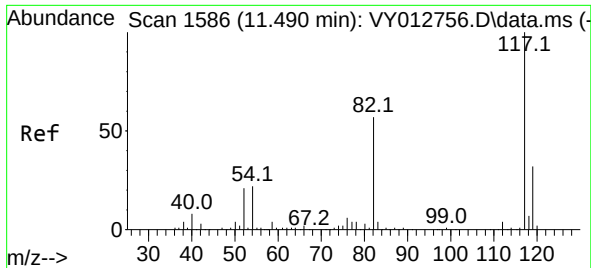
Tgt Ion: 98 Resp: 14523
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.819 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

Tgt Ion: 95 Resp: 4439
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.6
176 82.4 0.0 170.2

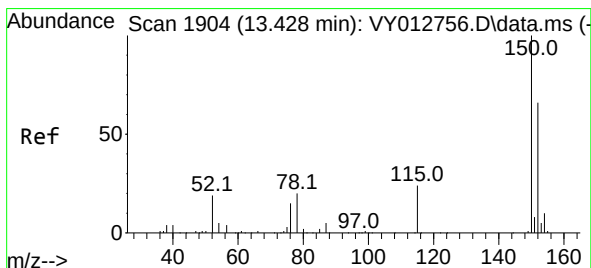
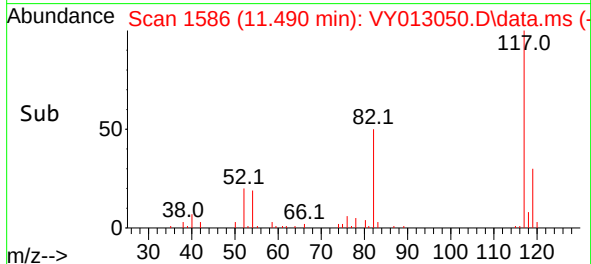
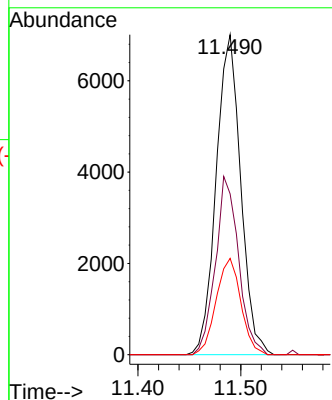
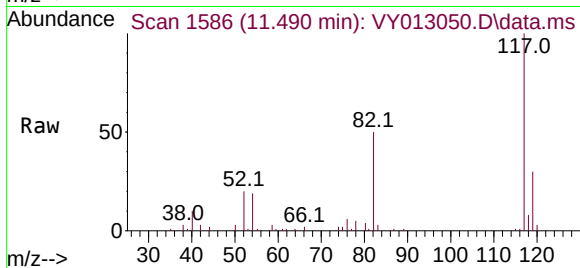




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

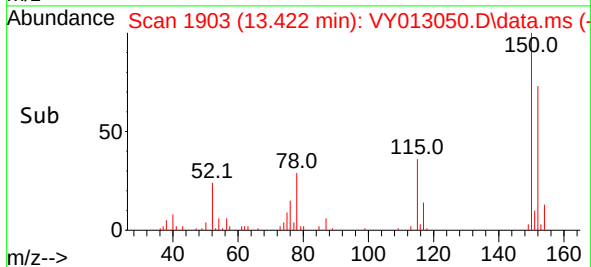
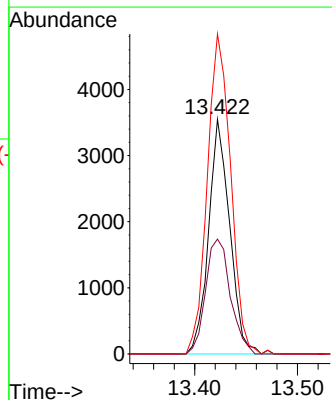
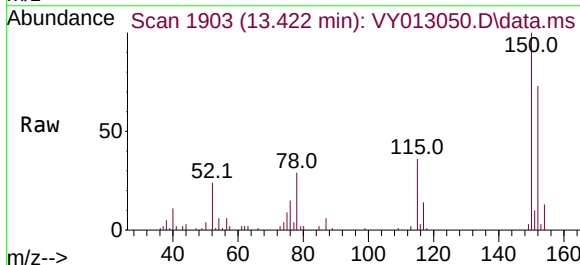
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123

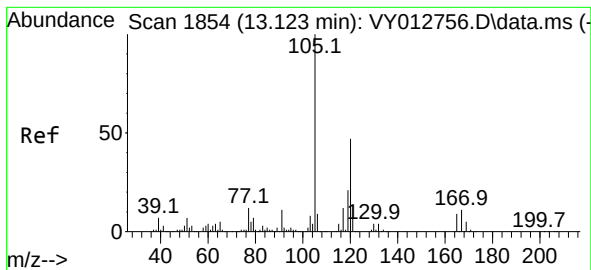
Tgt Ion:117 Resp: 11623
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.0
119 30.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013050.D
Acq: 22 Mar 2023 15:31

Tgt Ion:152 Resp: 5074
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 150.5 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 3.057 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013050.D

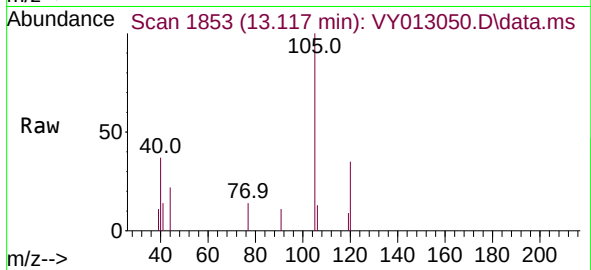
Acq: 22 Mar 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-032123



Tgt Ion:105 Resp: 887

Ion Ratio Lower Upper

105 100

120 42.4 23.0 69.0

