

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007556.D
 Acq On : 18 Feb 2022 19:35
 Operator : SY/MD
 Sample : N1589-01
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350

Quant Time: Feb 19 04:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

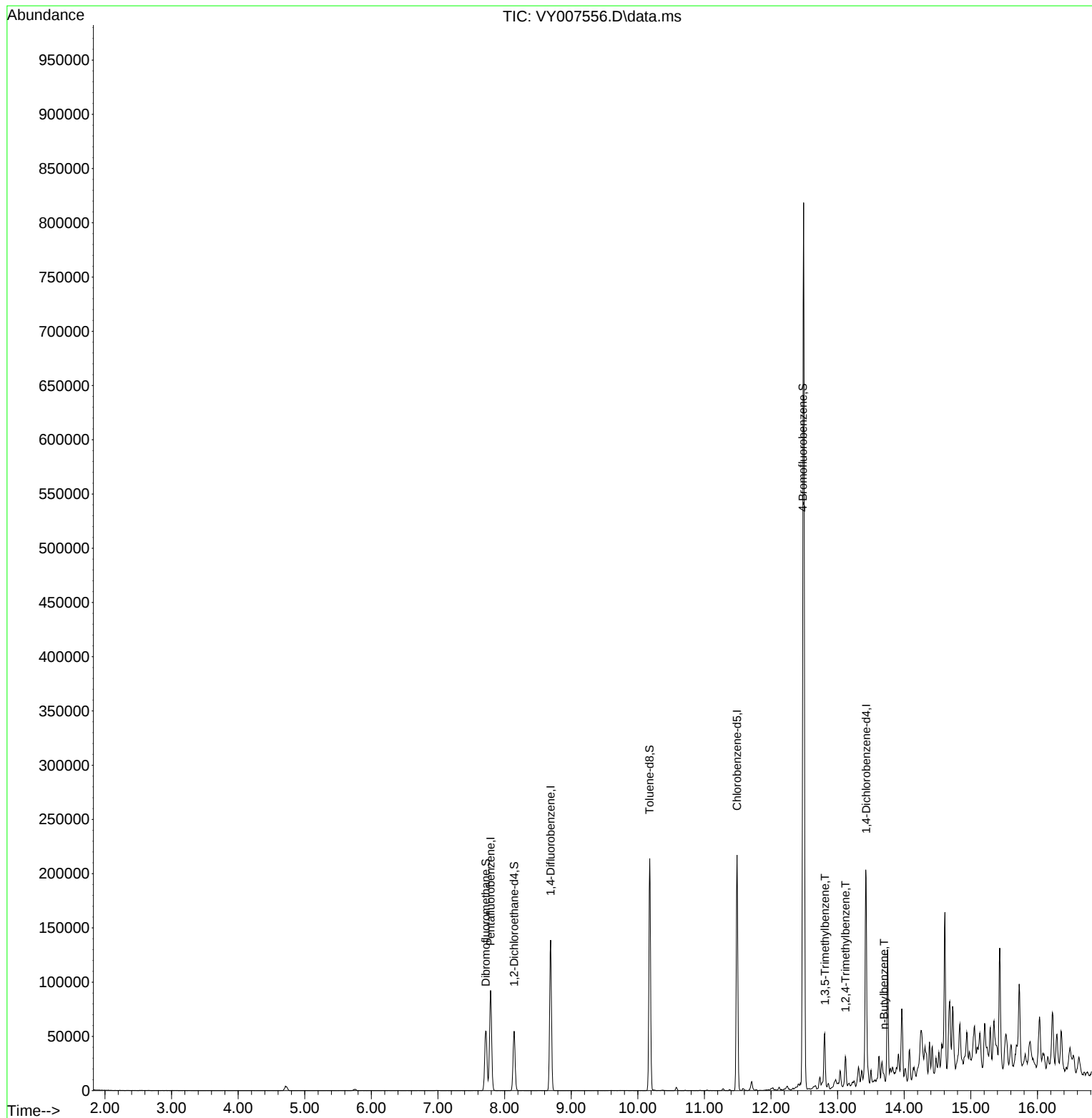
Internal Standards						
1) Pentafluorobenzene	7.789	168	66199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43018	58.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.716	113	38468	52.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.720%
50) Toluene-d8	10.179	98	140017	50.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.477	95	50671	54.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.140%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.812	105	3747	1.084	ug/l	88
84) 1,2,4-Trimethylbenzene	13.117	105	14876	4.438	ug/l	99
89) n-Butylbenzene	13.696	91	3804	1.090	ug/l #	73

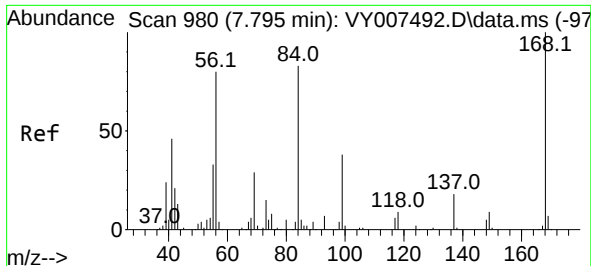
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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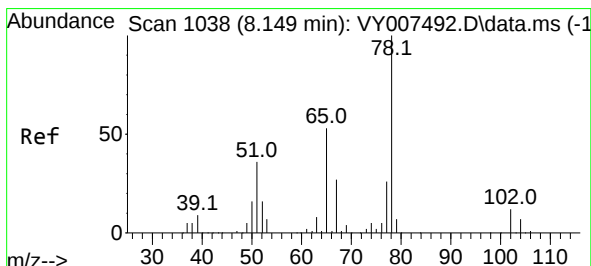
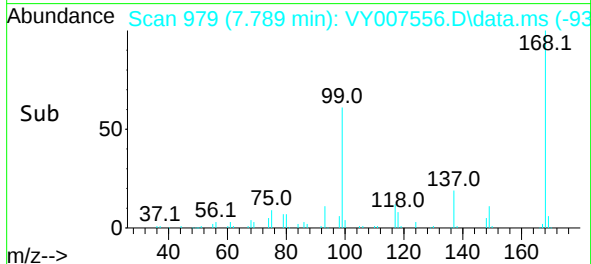
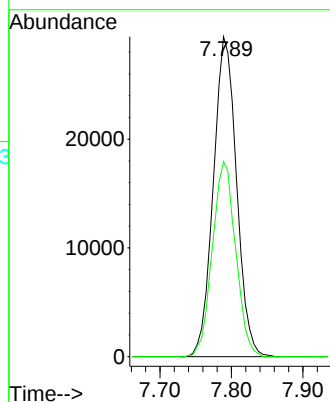
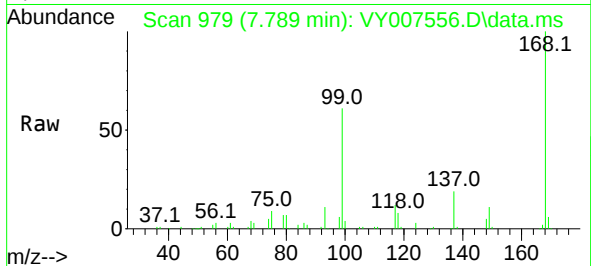




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

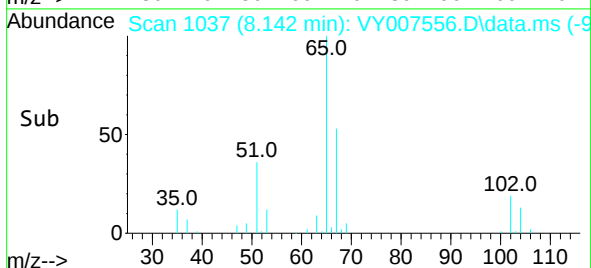
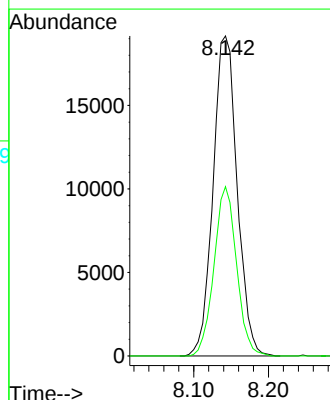
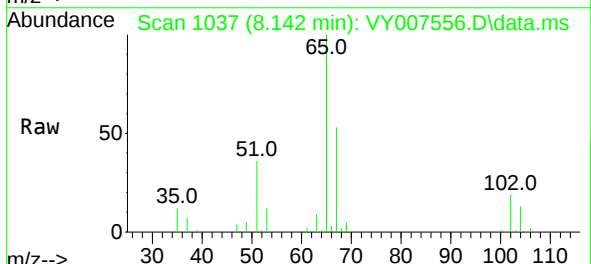
Instrument :
MSVOA_Y
ClientSampleId :
350

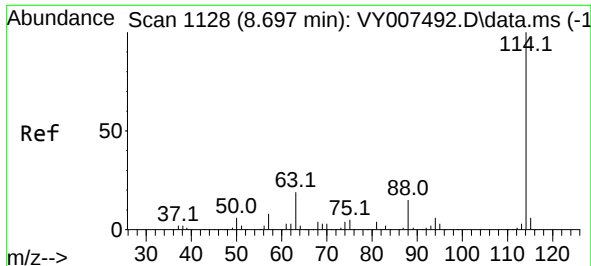
Tgt Ion:168 Resp: 66199
Ion Ratio Lower Upper
168 100
99 61.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.858 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 65 Resp: 43018
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

350

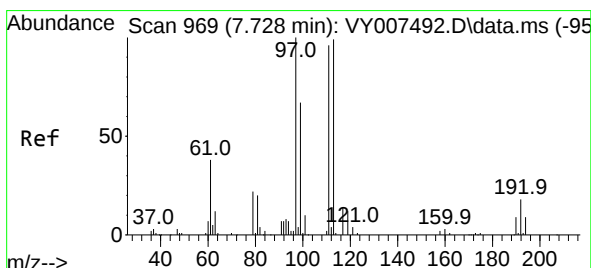
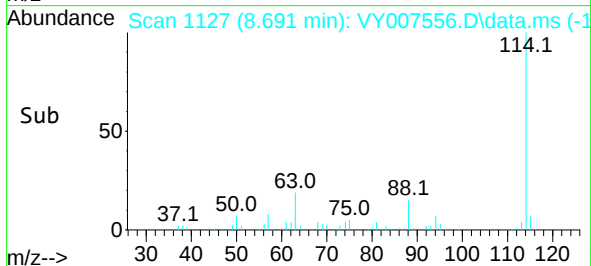
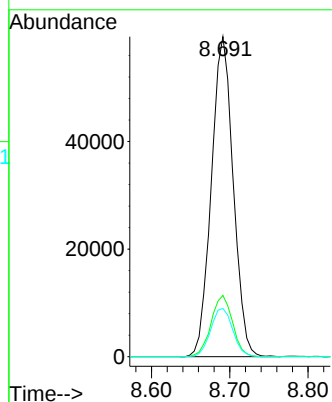
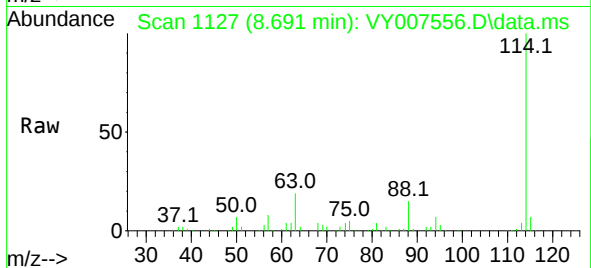
Tgt Ion:114 Resp: 115391

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.863 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

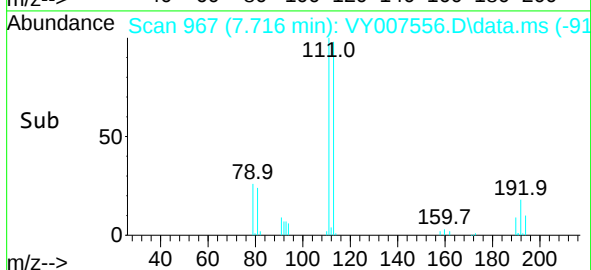
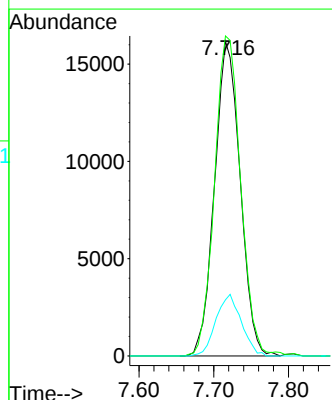
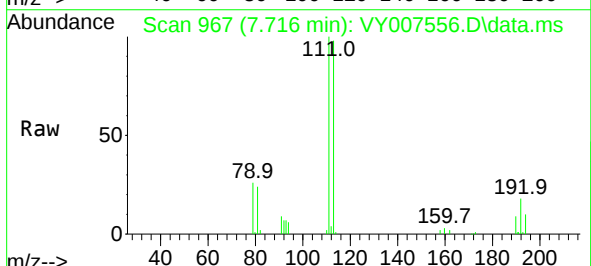
Tgt Ion:113 Resp: 38468

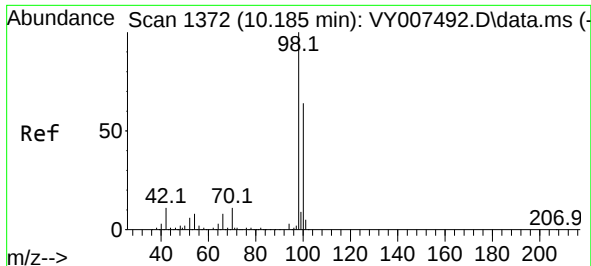
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.5 17.6 26.4

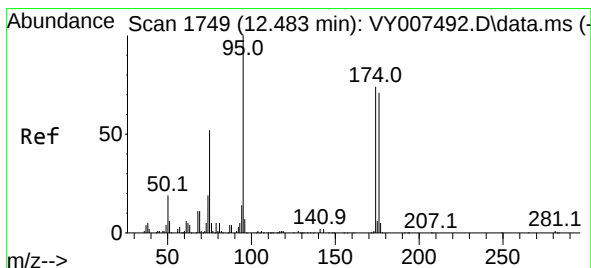
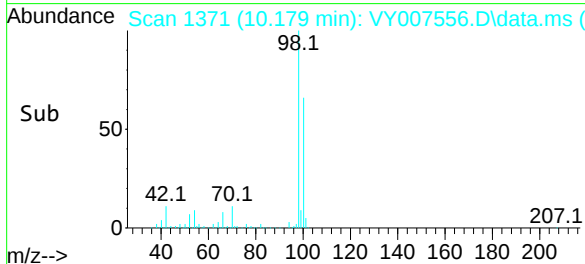
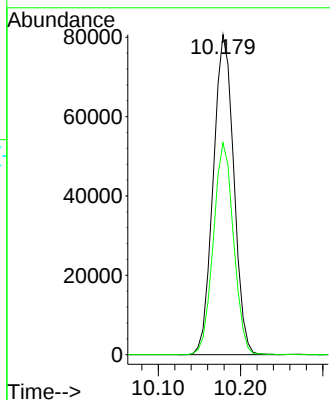
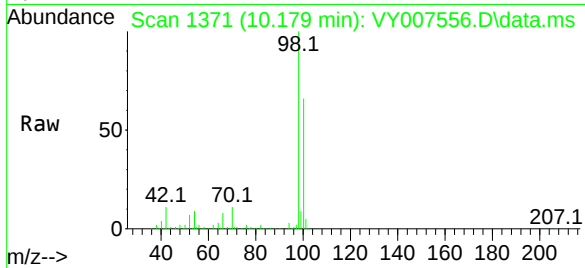




#50
Toluene-d8
Concen: 50.660 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

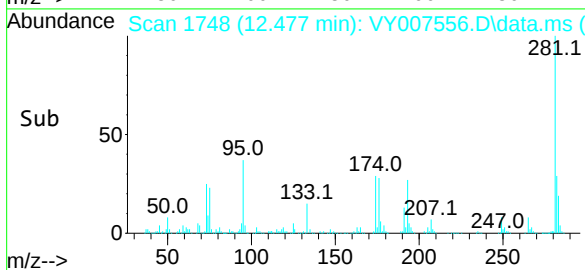
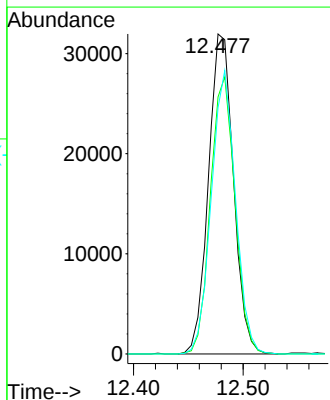
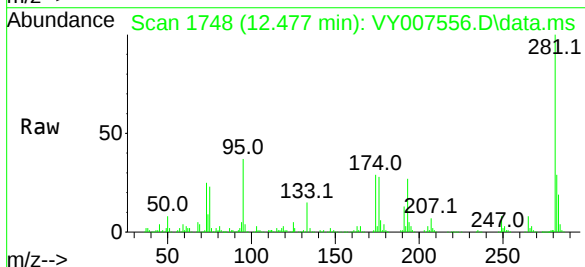
Instrument :
MSVOA_Y
ClientSampleId :
350

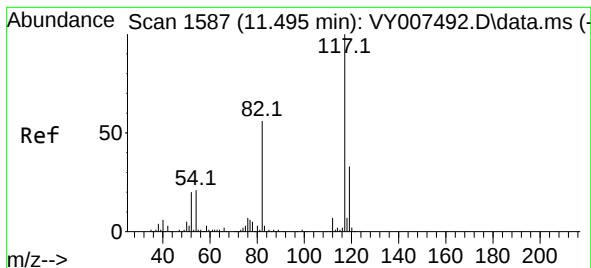
Tgt Ion: 98 Resp: 140017
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.069 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 95 Resp: 50671
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 85.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

350

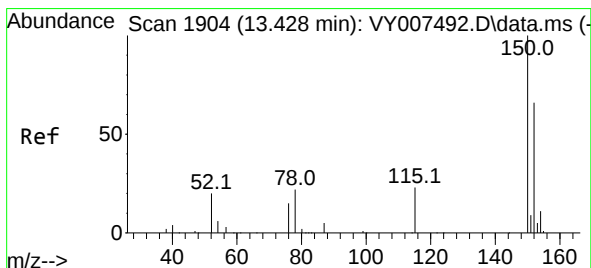
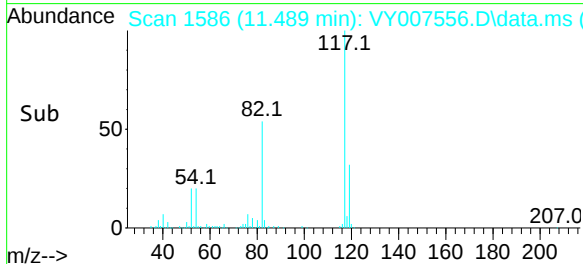
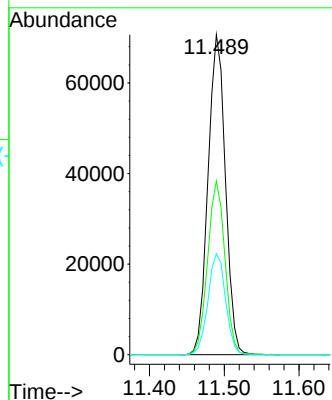
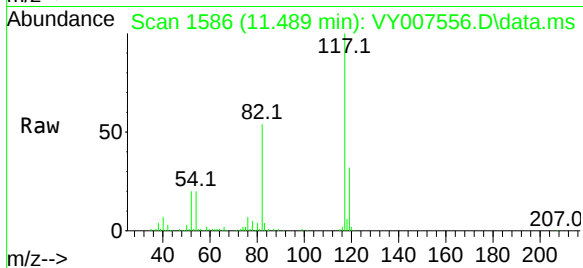
Tgt Ion:117 Resp: 114186

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

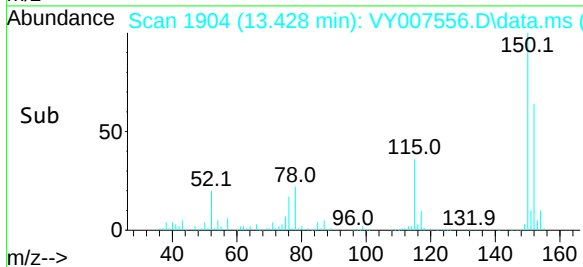
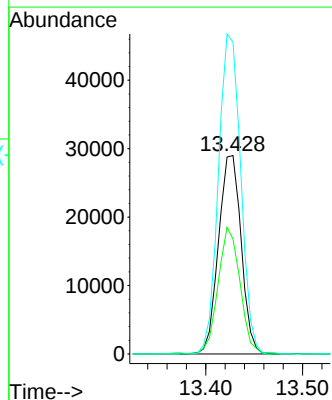
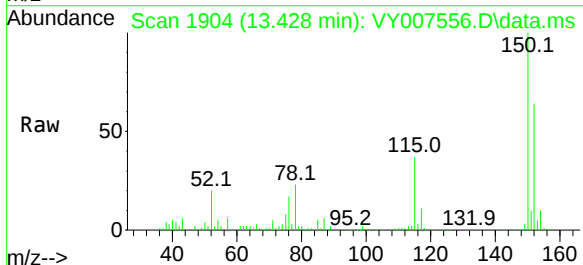
Tgt Ion:152 Resp: 47107

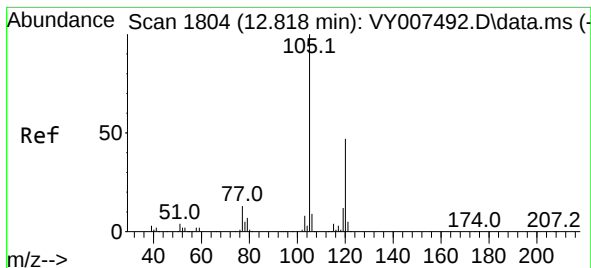
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.5 0.0 347.6





#80

1,3,5-Trimethylbenzene

Concen: 1.084 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

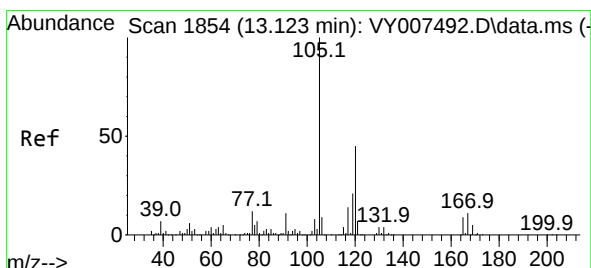
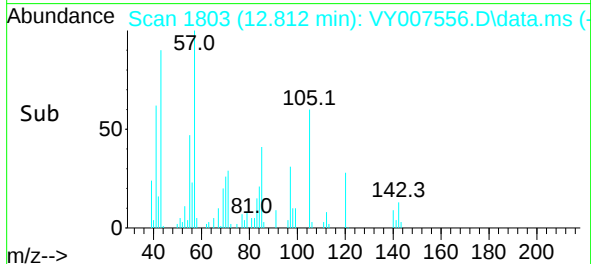
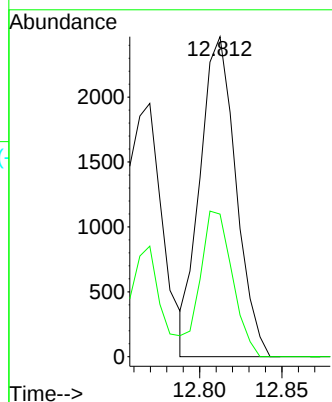
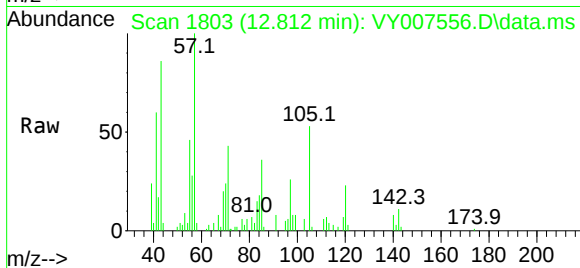
350

Tgt Ion:105 Resp: 3747

Ion Ratio Lower Upper

105 100

120 40.7 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 4.438 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007556.D

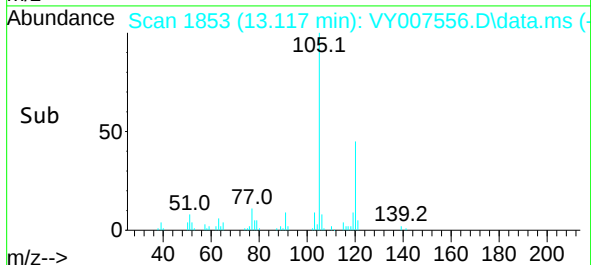
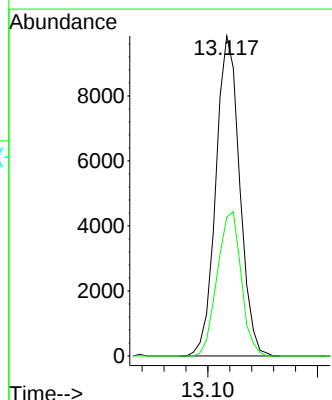
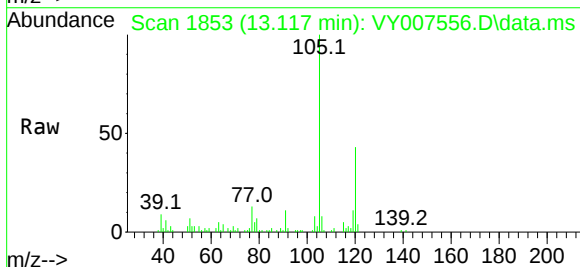
Acq: 18 Feb 2022 19:35

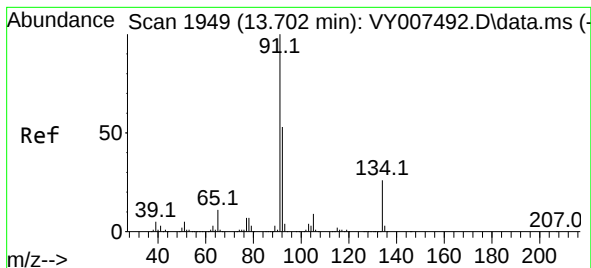
Tgt Ion:105 Resp: 14876

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9





#89

n-Butylbenzene

Concen: 1.090 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007556.D

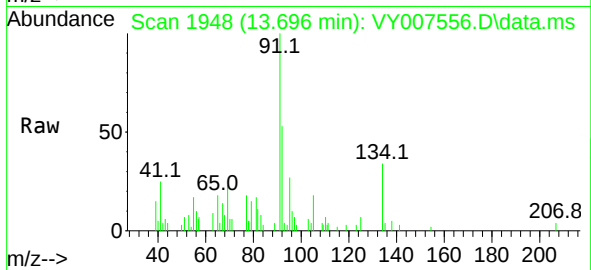
Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

350



Tgt Ion: 91 Resp: 3804

Ion Ratio Lower Upper

91 100

92 63.0 26.3 78.9

134 0.0 13.0 38.9#

