

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007736.D
 Acq On : 04 Mar 2022 04:51
 Operator : SY/MD
 Sample : N1730-15
 Misc : 7.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 29-30-SAMPLE-LOCATION-15

Quant Time: Mar 04 07:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

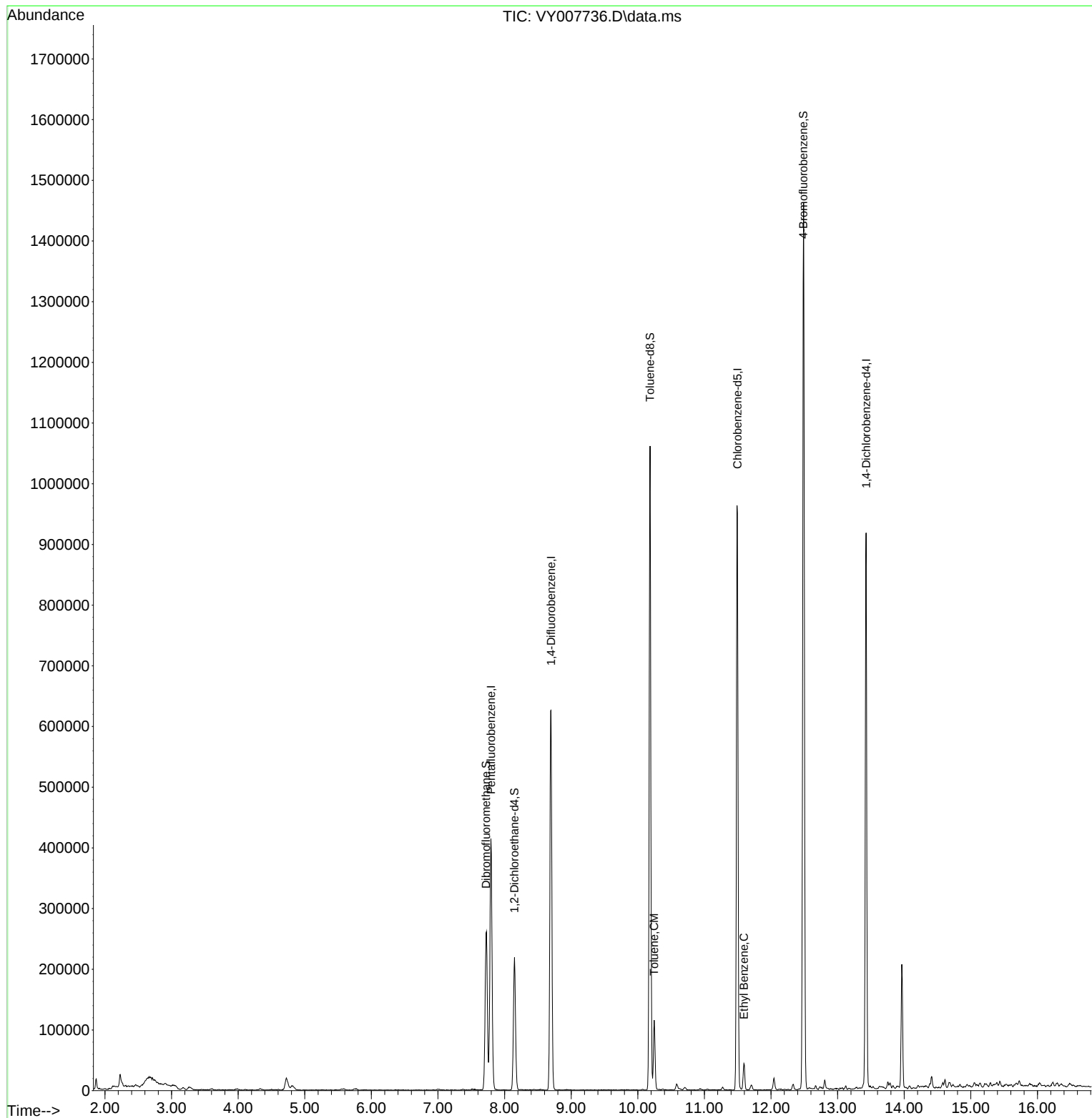
Internal Standards						
1) Pentafluorobenzene	7.795	168	329476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	562761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	535760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	231435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162967	47.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.722	113	180255	50.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.200%
50) Toluene-d8	10.185	98	685219	51.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.483	95	212692	49.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.640%
Target Compounds						
					Qvalue	
52) Toluene	10.246	92	46640	4.579	ug/l	95
67) Ethyl Benzene	11.593	91	28192	1.339	ug/l	99

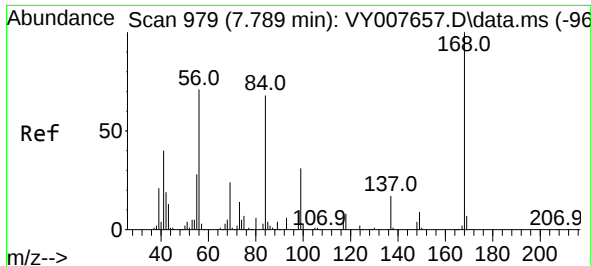
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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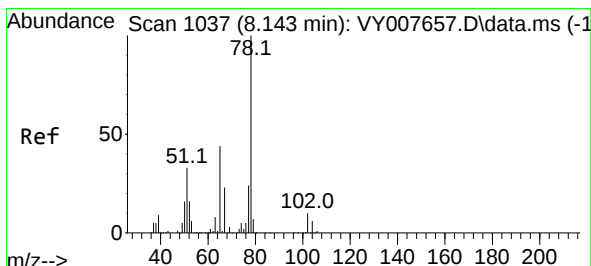
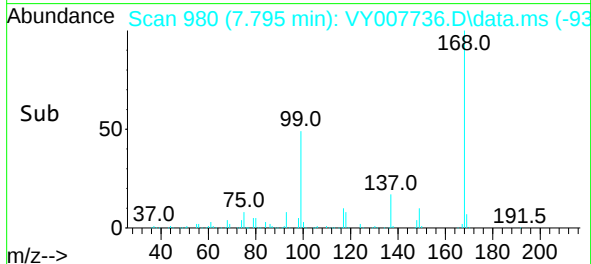
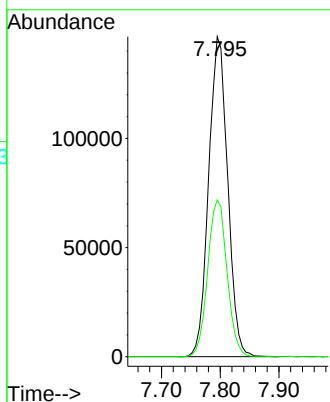
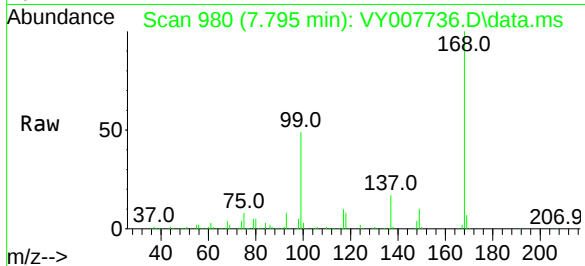




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007736.D
Acq: 04 Mar 2022 04:51

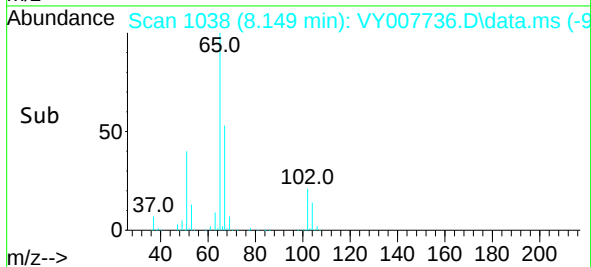
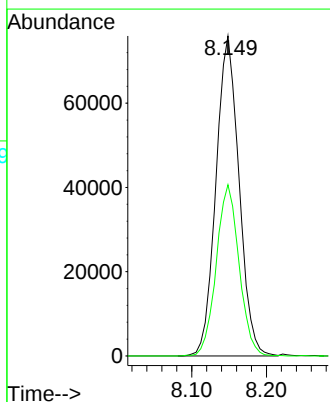
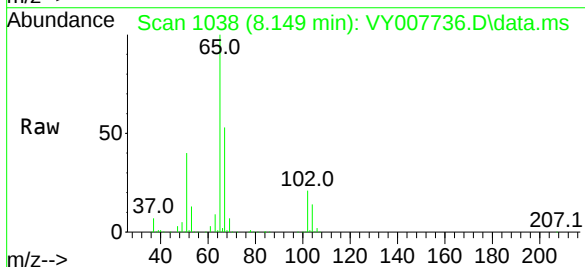
Instrument :
MSVOA_Y
ClientSampleId :
29-30-SAMPLE-LOCATION-15

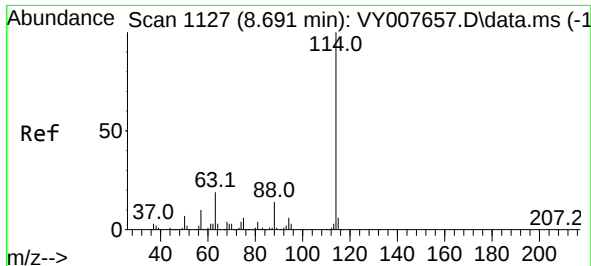
Tgt Ion:168 Resp: 329476
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.246 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007736.D
Acq: 04 Mar 2022 04:51

Tgt Ion: 65 Resp: 162967
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007736.D

Acq: 04 Mar 2022 04:51

Instrument :

MSVOA_Y

ClientSampleId :

29-30-SAMPLE-LOCATION-15

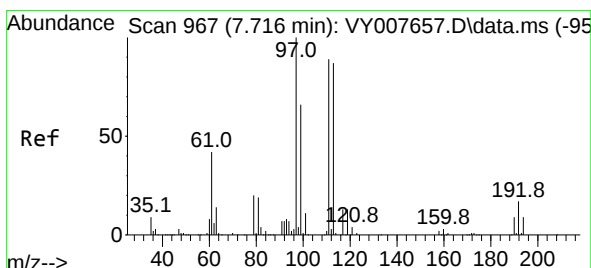
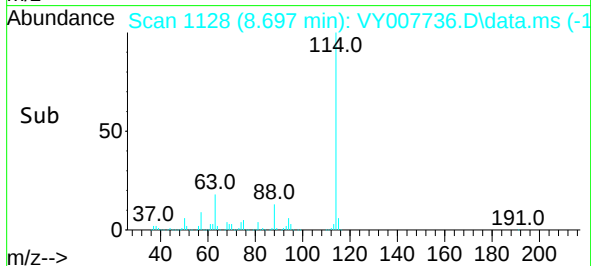
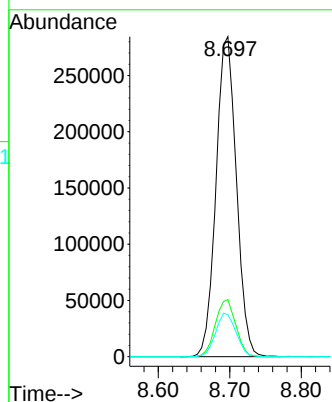
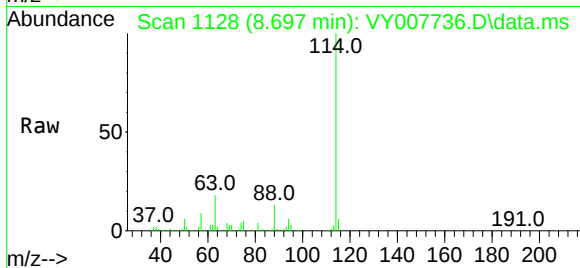
Tgt Ion:114 Resp: 562761

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.100 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007736.D

Acq: 04 Mar 2022 04:51

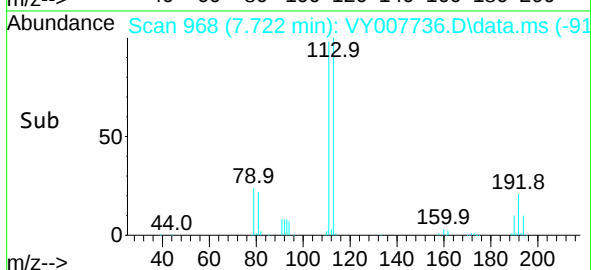
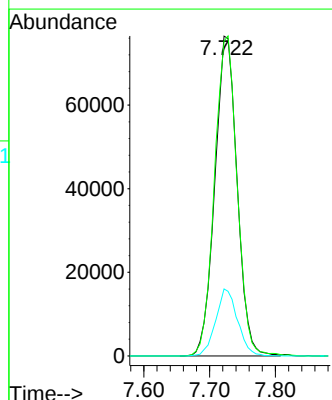
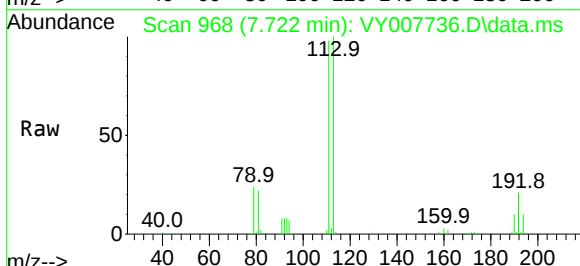
Tgt Ion:113 Resp: 180255

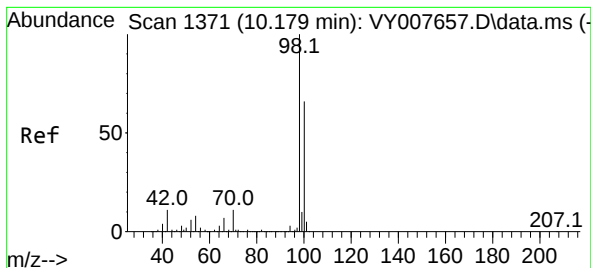
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.6 17.6 26.4





#50

Toluene-d8

Concen: 51.738 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY007736.D

Acq: 04 Mar 2022 04:51

Instrument :

MSVOA_Y

ClientSampleId :

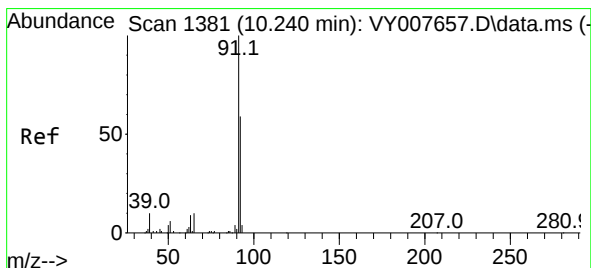
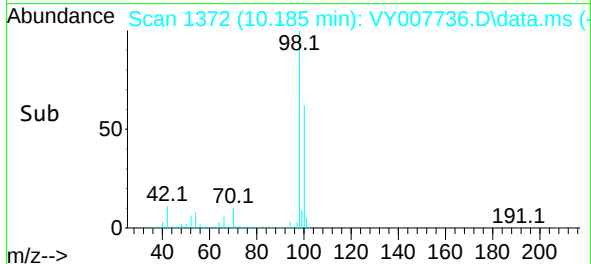
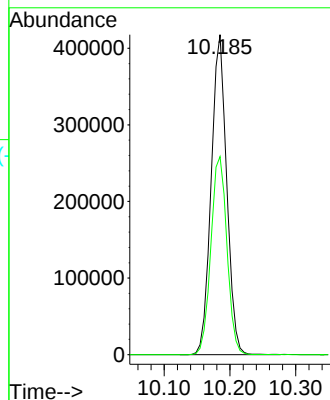
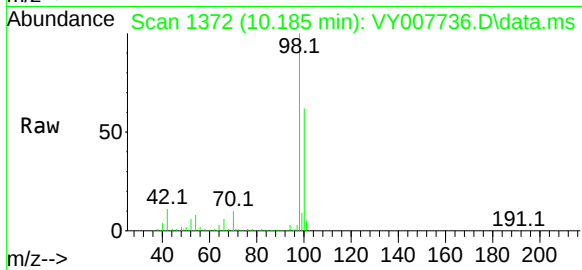
29-30-SAMPLE-LOCATION-15

Tgt Ion: 98 Resp: 685219

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.2



#52

Toluene

Concen: 4.579 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY007736.D

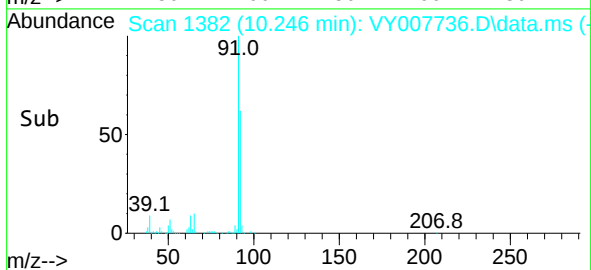
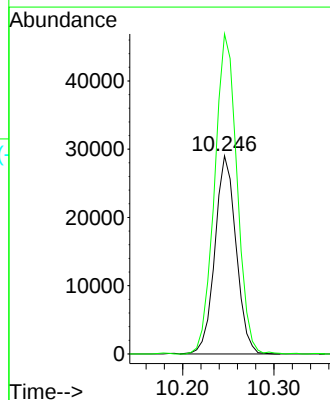
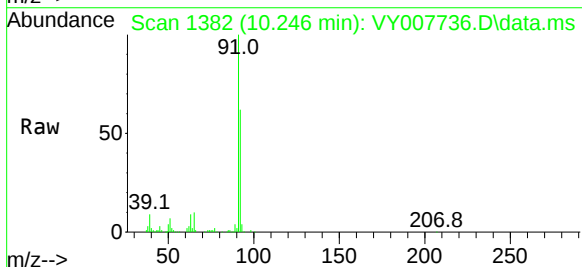
Acq: 04 Mar 2022 04:51

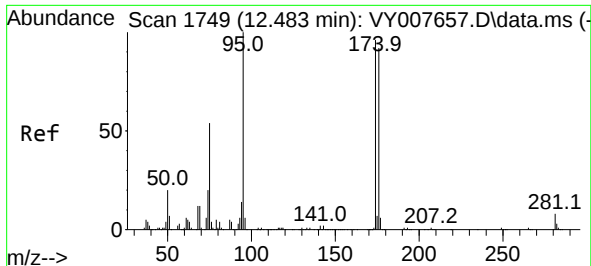
Tgt Ion: 92 Resp: 46640

Ion Ratio Lower Upper

92 100

91 171.0 142.6 213.8

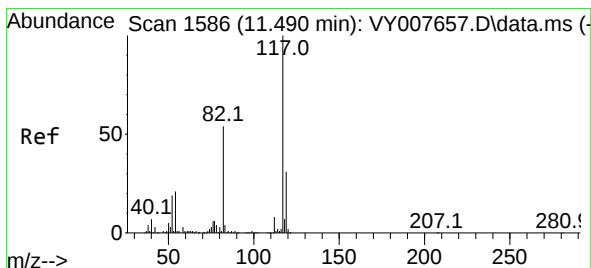
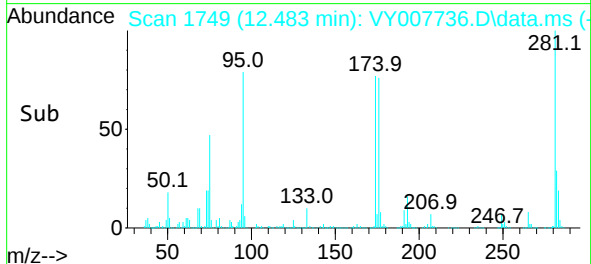
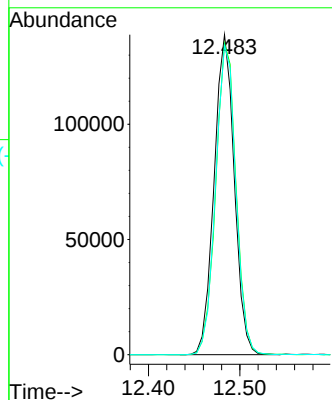
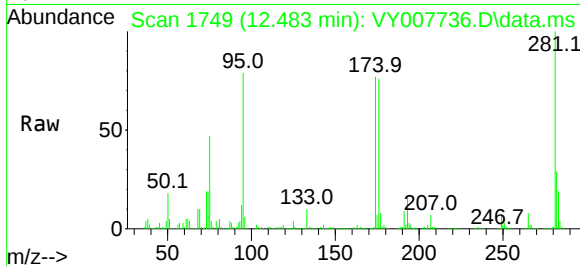




#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007736.D
Acq: 04 Mar 2022 04:51

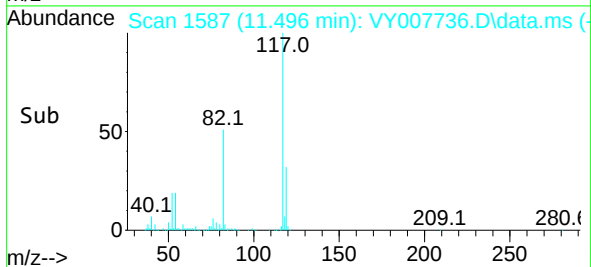
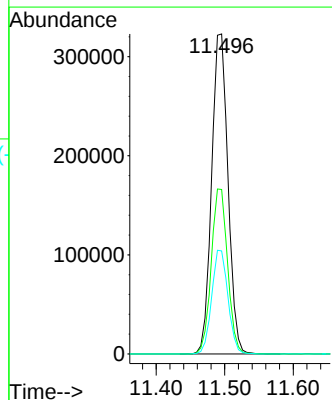
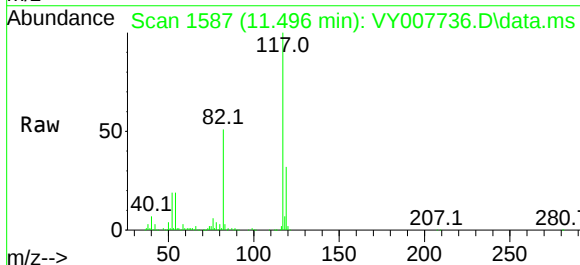
Instrument :
MSVOA_Y
ClientSampleId :
29-30-SAMPLE-LOCATION-15

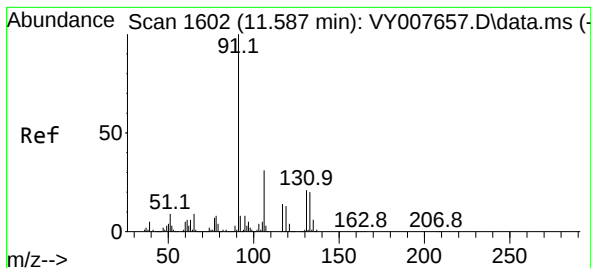
Tgt Ion: 95 Resp: 212692
Ion Ratio Lower Upper
95 100
174 97.9 0.0 177.0
176 97.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007736.D
Acq: 04 Mar 2022 04:51

Tgt Ion: 117 Resp: 535760
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.2 25.4 38.0





#67

Ethyl Benzene

Concen: 1.339 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007736.D

Acq: 04 Mar 2022 04:51

Instrument :

MSVOA_Y

ClientSampleId :

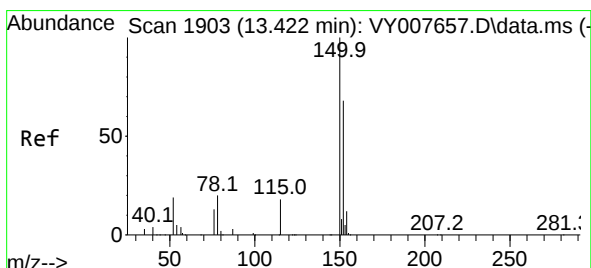
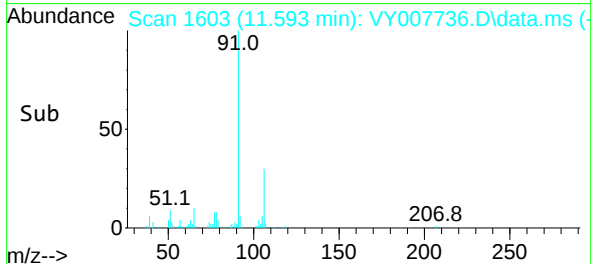
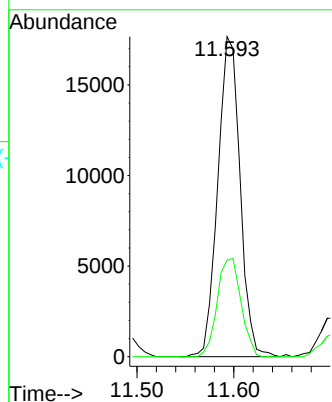
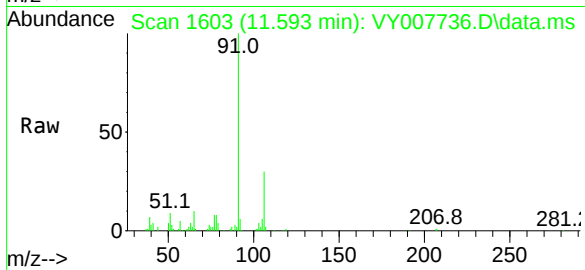
29-30-SAMPLE-LOCATION-15

Tgt Ion: 91 Resp: 28192

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007736.D

Acq: 04 Mar 2022 04:51

Tgt Ion: 152 Resp: 231435

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 157.4 0.0 347.6

