

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007856.D
 Acq On : 11 Mar 2022 15:50
 Operator : SY/MD
 Sample : N1848-07
 Misc : 8.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B2-030722-0-1

Quant Time: Mar 11 23:22:49 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)

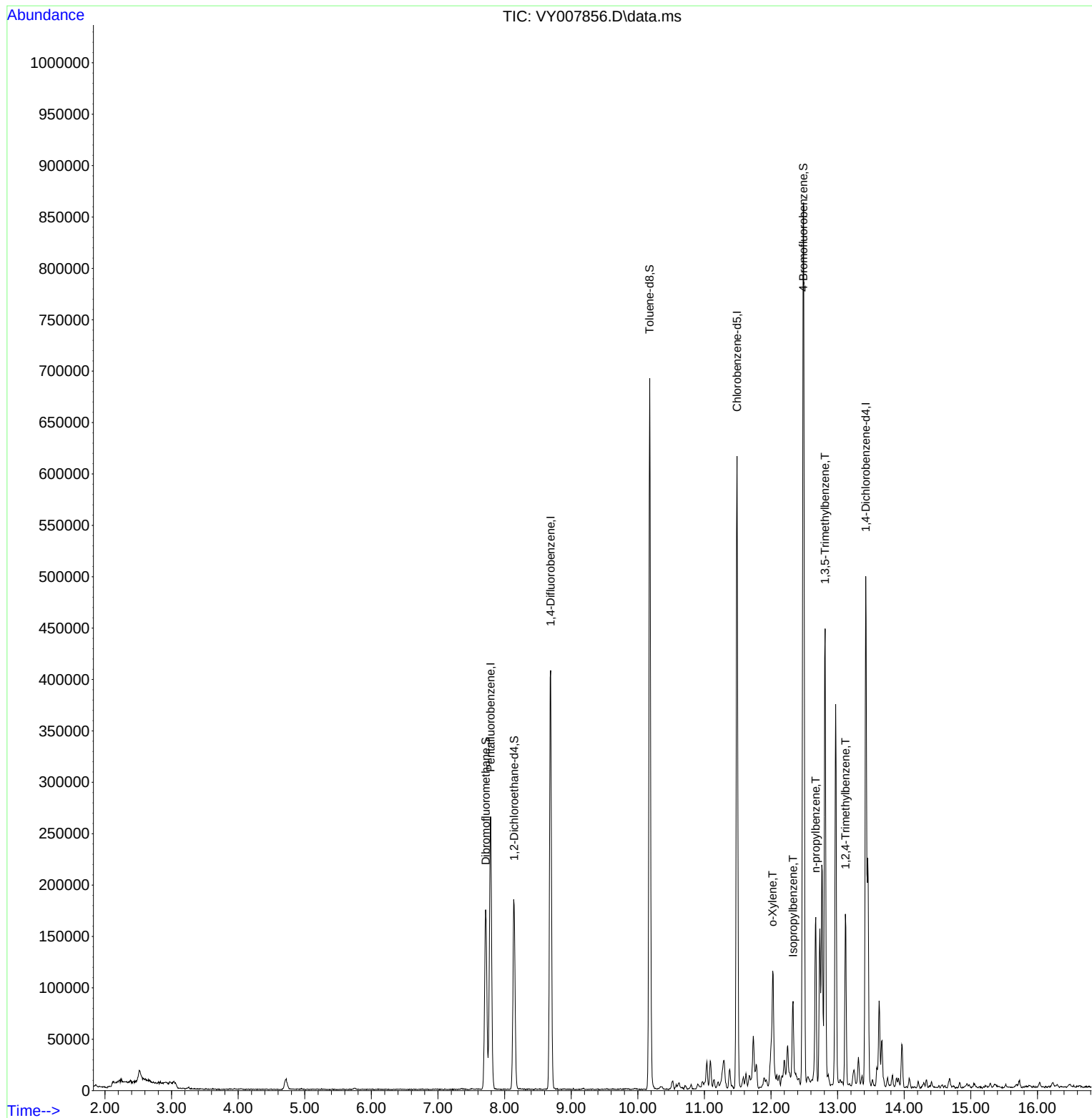
Internal Standards						
1) Pentafluorobenzene	7.789	168	200759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137262	65.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.620%	
35) Dibromofluoromethane	7.716	113	118237	53.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.179	98	427305	52.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.483	95	122349	46.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
69) o-Xylene	12.026	106	27354	6.087	ug/l	91
73) Isopropylbenzene	12.331	105	46793	5.164	ug/l	99
78) n-propylbenzene	12.672	91	119213	10.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	211212	29.149	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	83699	11.727	ug/l	98

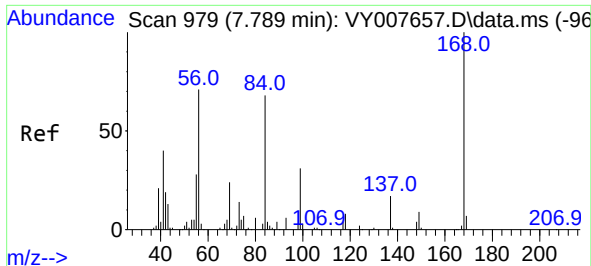
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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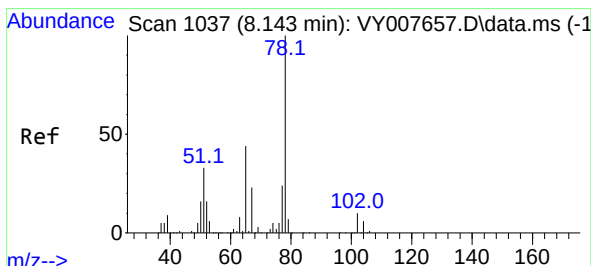
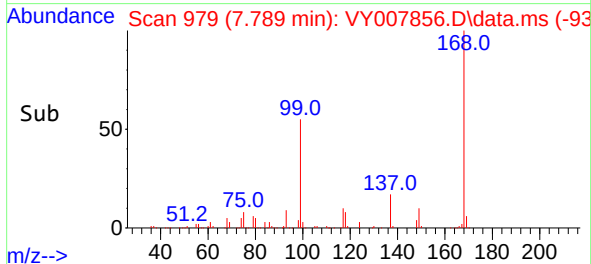
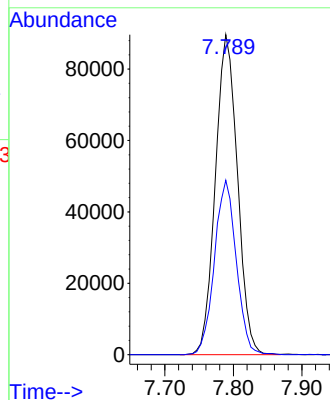
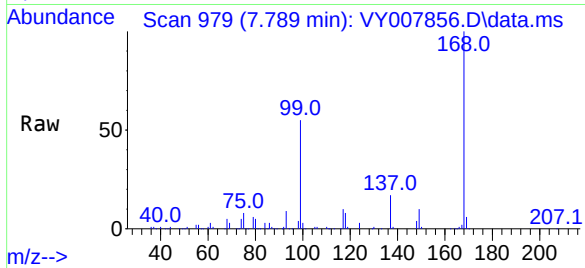




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

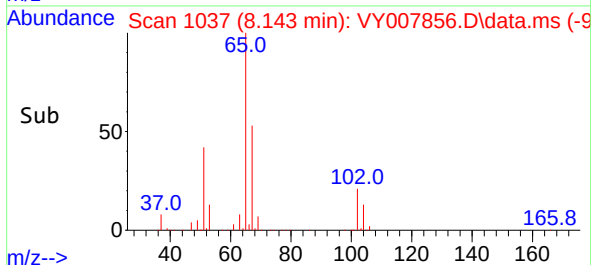
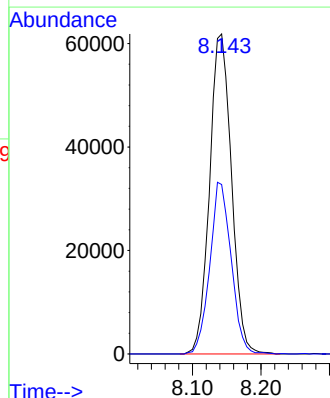
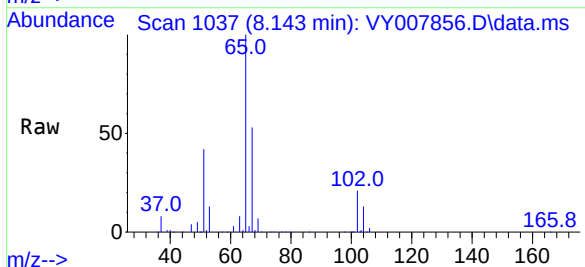
Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-0-1

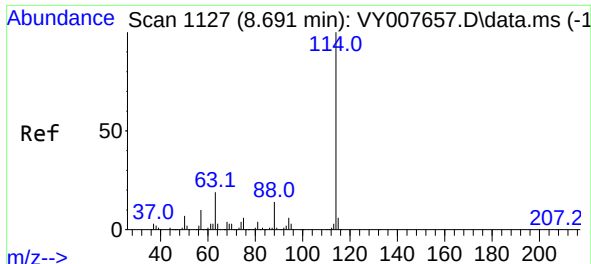
Tgt Ion:168 Resp: 200759
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.308 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

Tgt Ion: 65 Resp: 137262
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007856.D

Acq: 11 Mar 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

CG-B2-030722-0-1

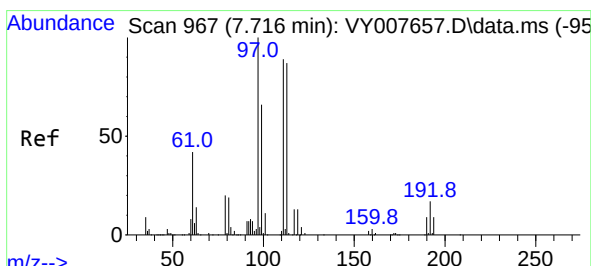
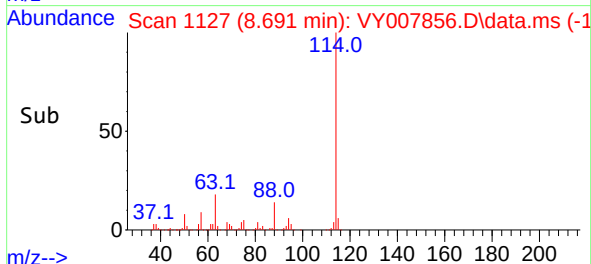
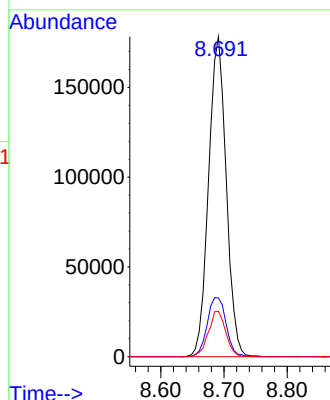
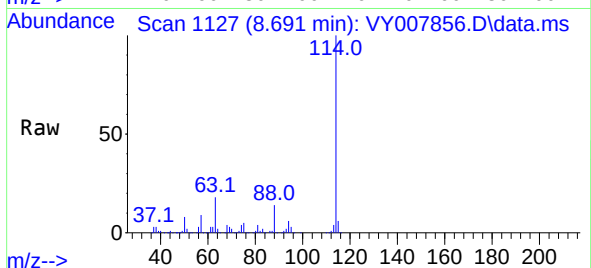
Tgt Ion:114 Resp: 345954

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007856.D

Acq: 11 Mar 2022 15:50

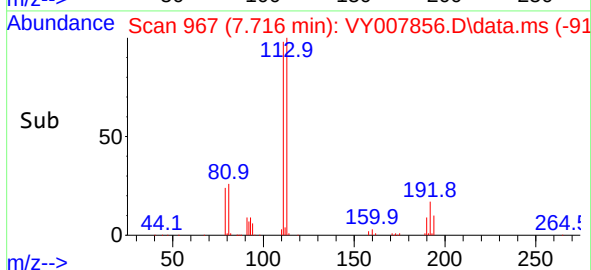
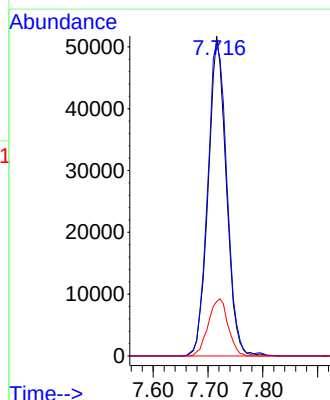
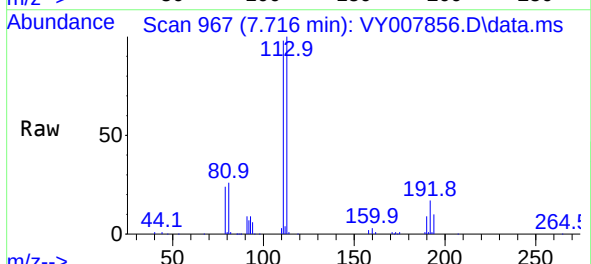
Tgt Ion:113 Resp: 118237

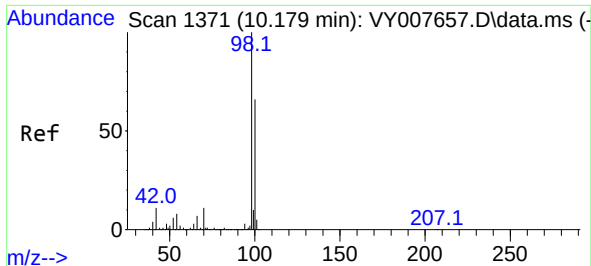
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.5 17.6 26.4

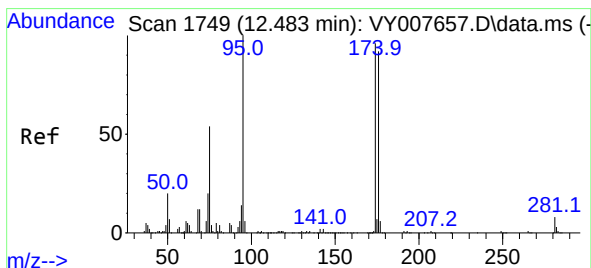
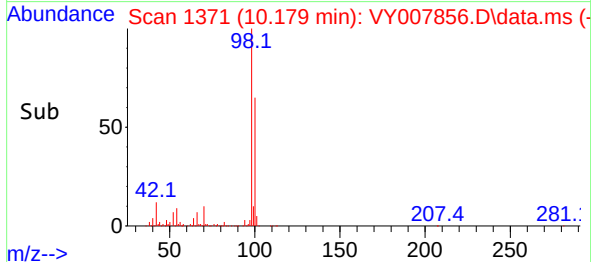
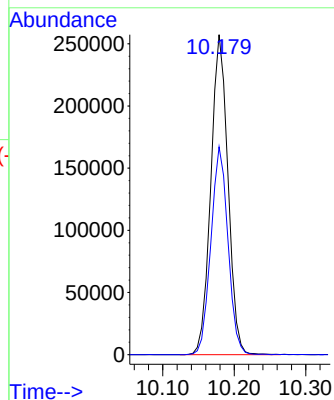
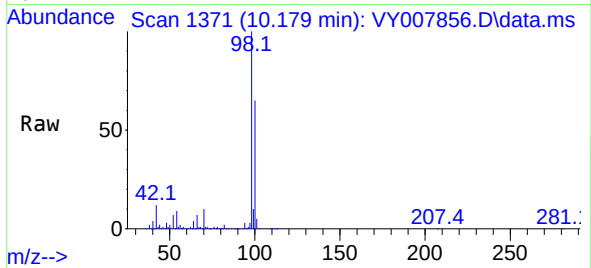




#50
Toluene-d8
Concen: 52.483 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

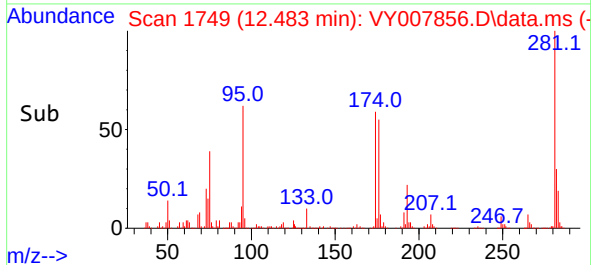
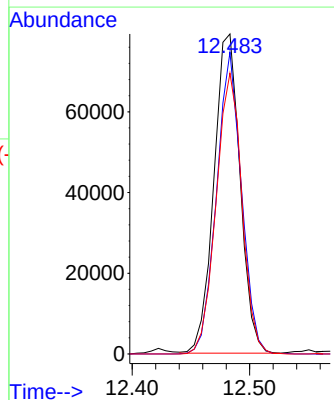
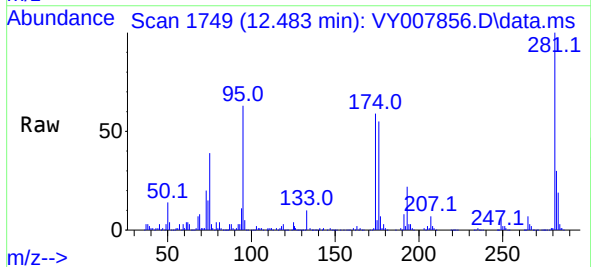
Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-0-1

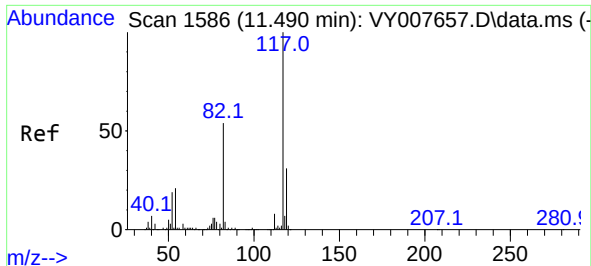
Tgt Ion: 98 Resp: 427305
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

Tgt Ion: 95 Resp: 122349
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 86.7 0.0 175.8

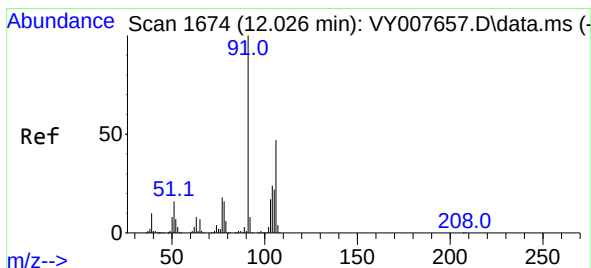
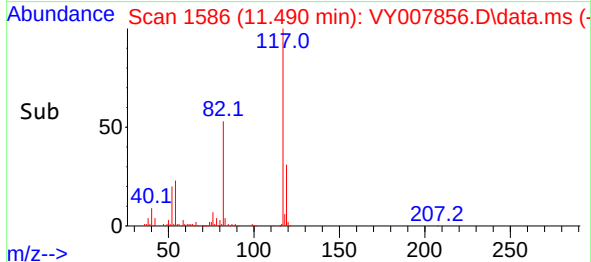
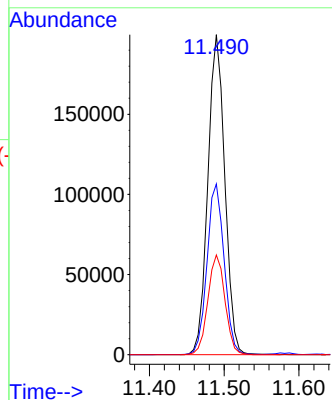
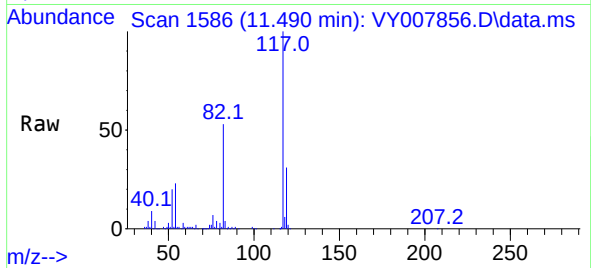




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

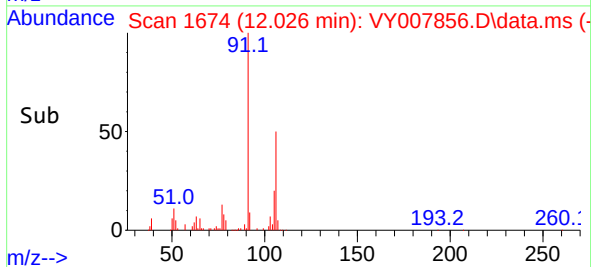
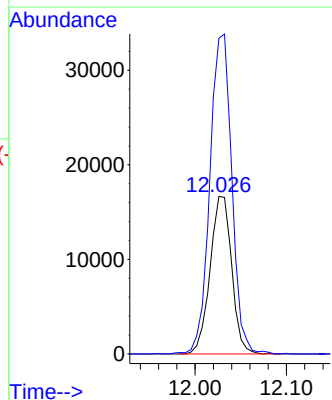
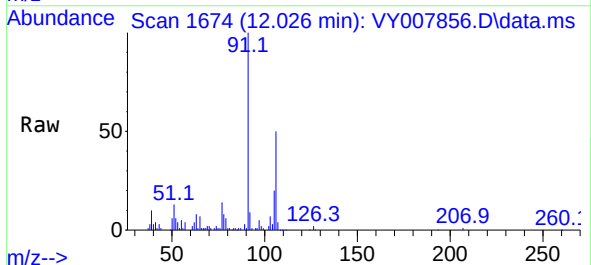
Instrument :
MSVOA_Y
ClientSampleId :
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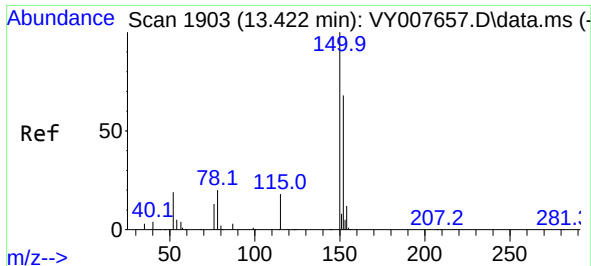
Tgt Ion:117 Resp: 314573
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.2 25.4 38.0



#69
o-Xylene
Concen: 6.087 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

Tgt Ion:106 Resp: 27354
Ion Ratio Lower Upper
106 100
91 206.7 110.3 331.0

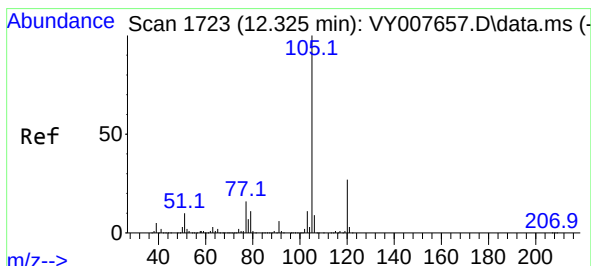
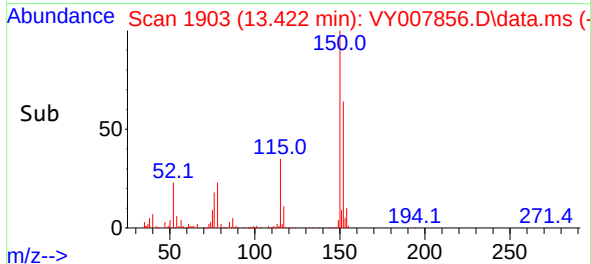
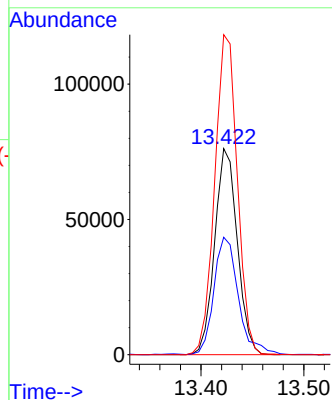
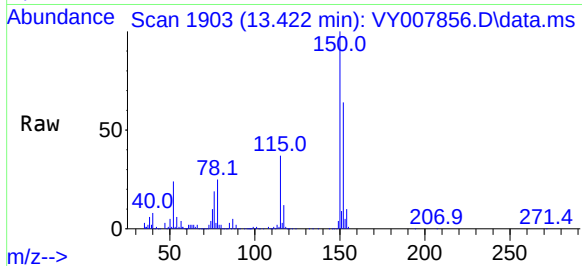




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

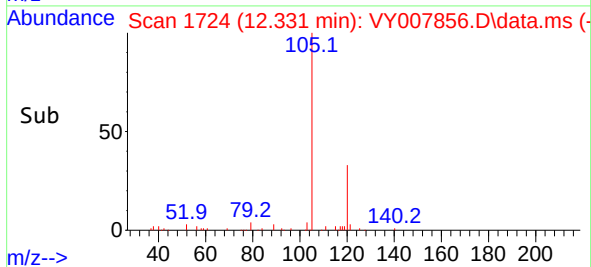
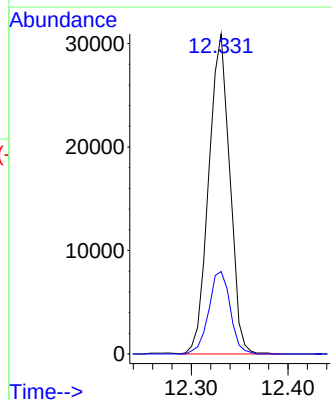
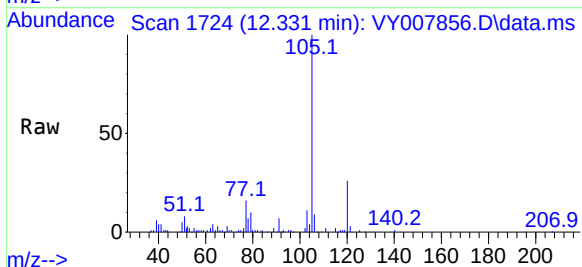
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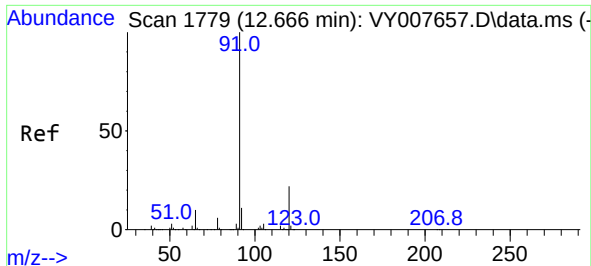
Tgt Ion:152 Resp: 116321
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 155.4 0.0 347.6



#73
Isopropylbenzene
Concen: 5.164 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

Tgt Ion:105 Resp: 46793
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2

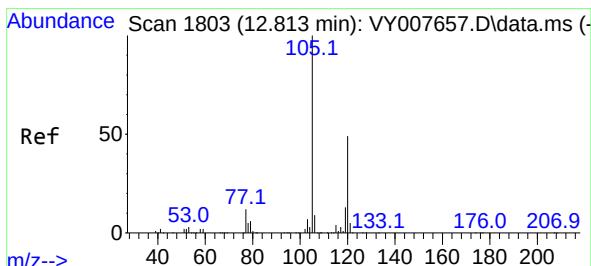
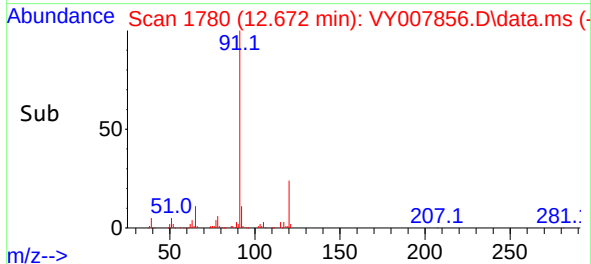
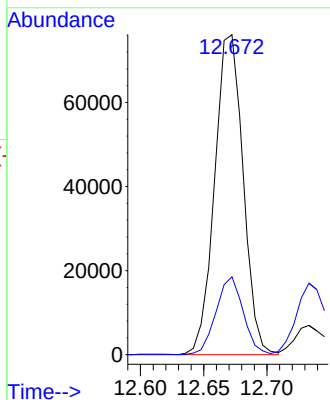
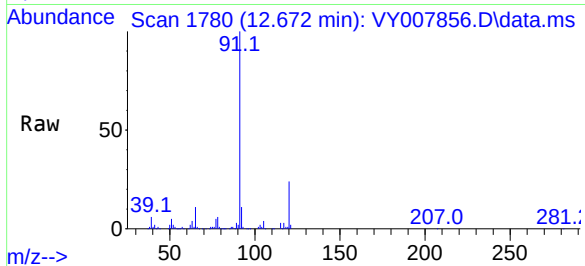




#78
n-propylbenzene
Concen: 10.902 ug/l
RT: 12.672 min Scan# 119213
Delta R.T. 0.006 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

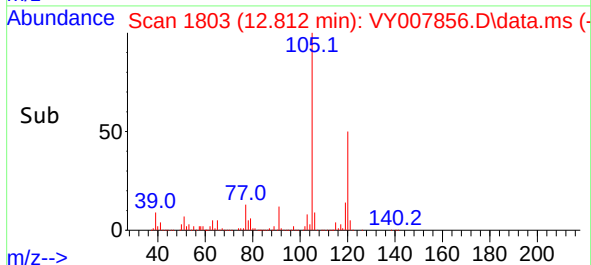
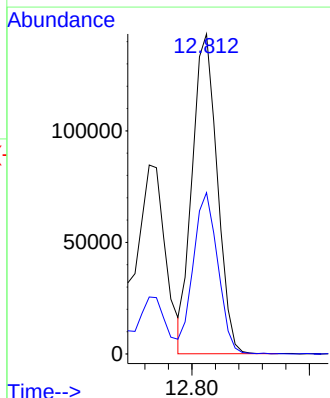
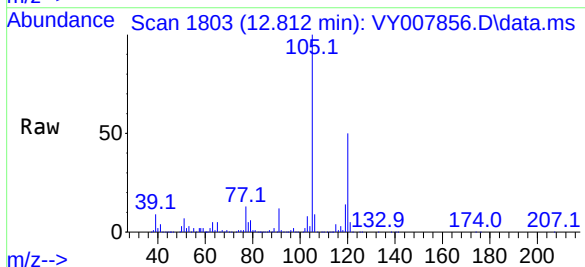
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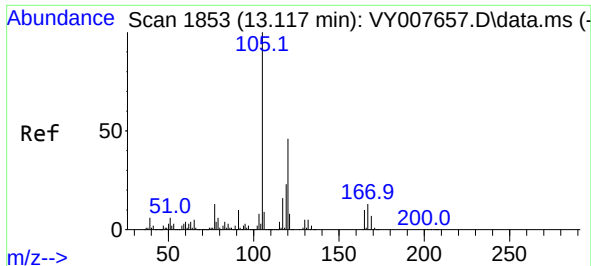
Tgt Ion: 91 Resp: 119213
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 29.149 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007856.D
Acq: 11 Mar 2022 15:50

Tgt Ion: 105 Resp: 211212
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4





#84
 1,2,4-Trimethylbenzene
 Concen: 11.727 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY007856.D
 Acq: 11 Mar 2022 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B2-030722-0-1

Tgt Ion:105 Resp: 83699
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.9

