

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007756.D
 Acq On : 04 Mar 2022 20:47
 Operator : SY/MD
 Sample : N1796-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AB1

Quant Time: Mar 05 04:27:11 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)

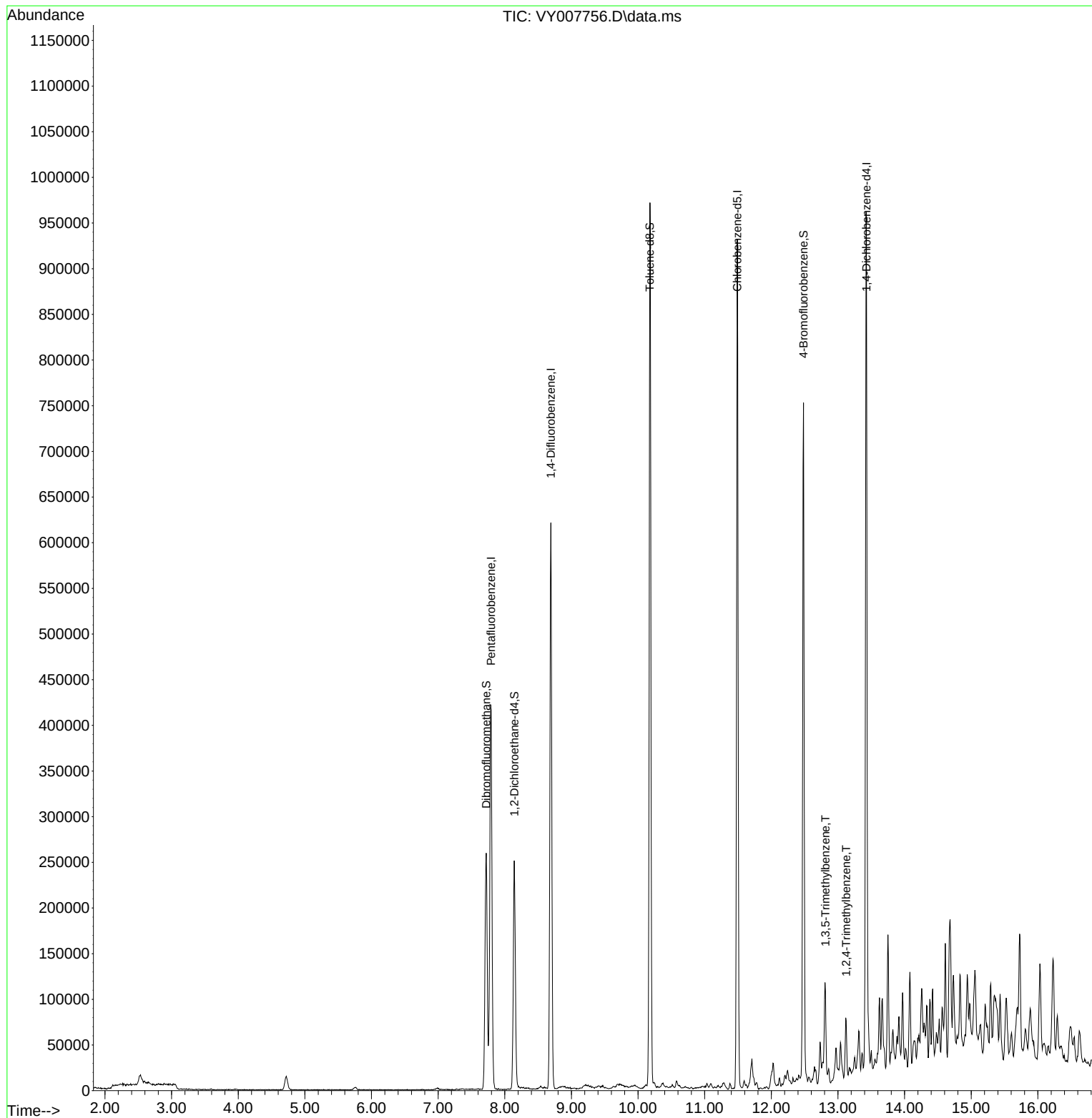
Internal Standards						
1) Pentafluorobenzene	7.795	168	343362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	542144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	493017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187341	52.116	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.240%		
35) Dibromofluoromethane	7.722	113	176535	50.932	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.860%		
50) Toluene-d8	10.179	98	641607	50.287	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.580%		
62) 4-Bromofluorobenzene	12.483	95	199507	48.509	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 97.020%		
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.812	105	17192	1.159	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	34091	2.334	ug/l	95

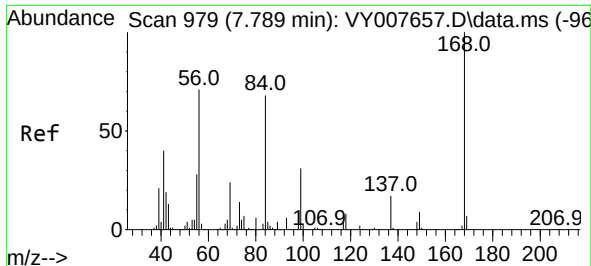
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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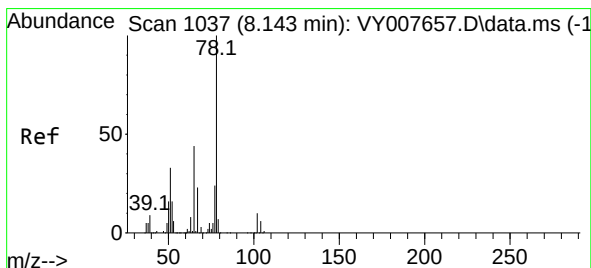
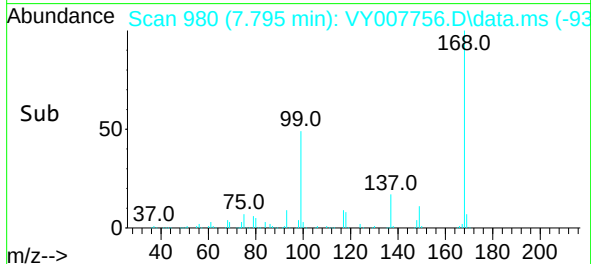
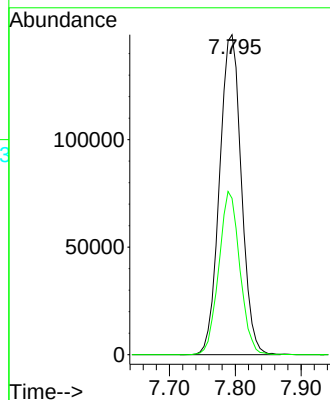
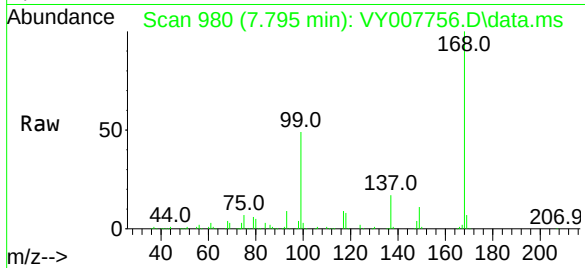




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

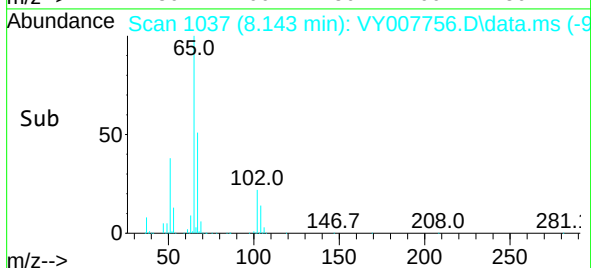
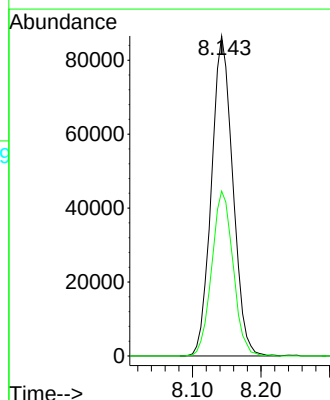
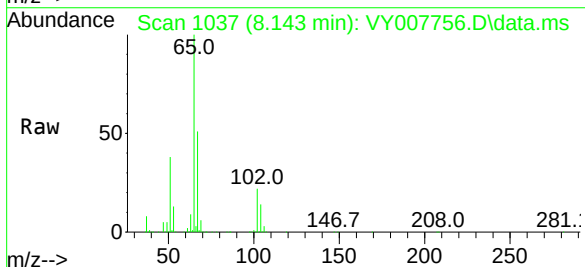
Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

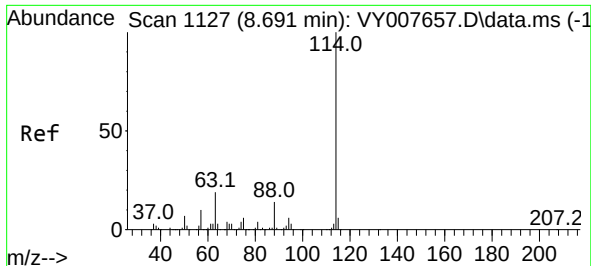
Tgt Ion:168 Resp: 343362
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 65 Resp: 187341
Ion Ratio Lower Upper
65 100
67 51.4 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: VY007756.D

Acq: 04 Mar 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

C0AB1

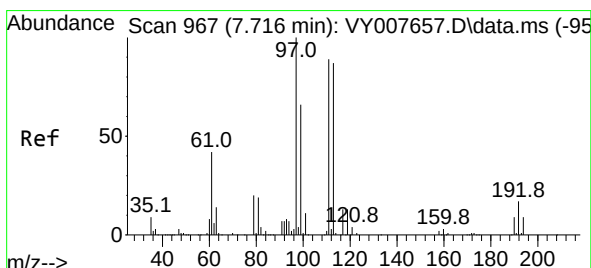
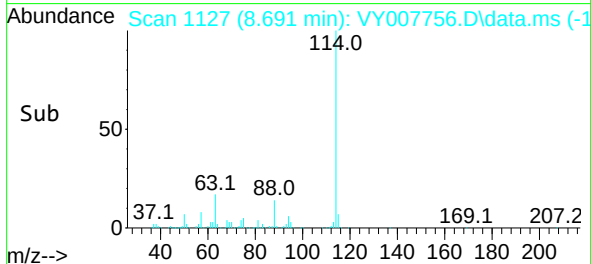
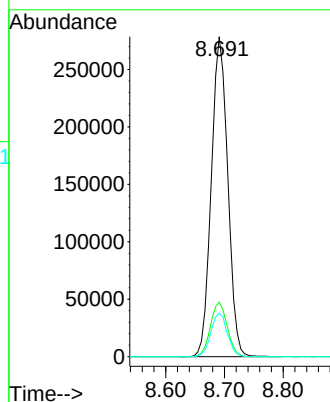
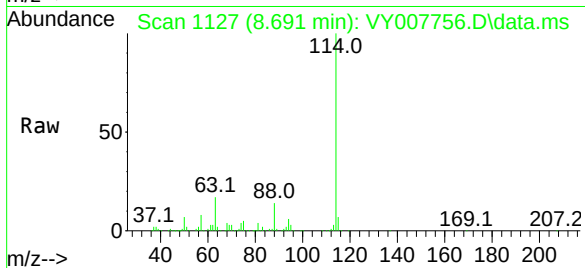
Tgt Ion:114 Resp: 542144

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.932 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007756.D

Acq: 04 Mar 2022 20:47

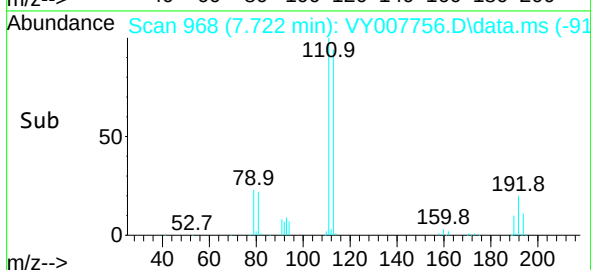
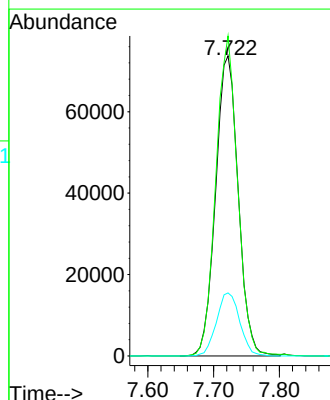
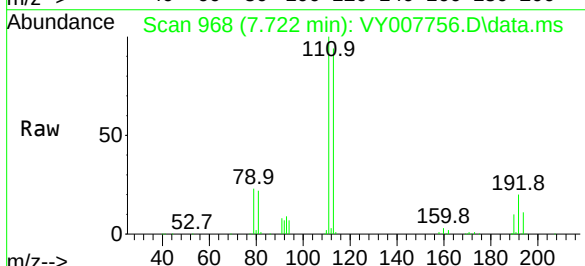
Tgt Ion:113 Resp: 176535

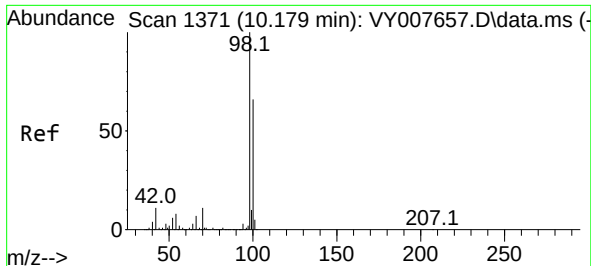
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.6 17.6 26.4

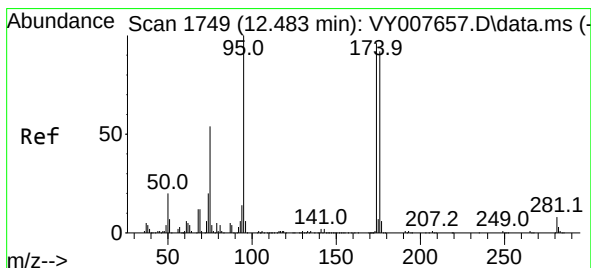
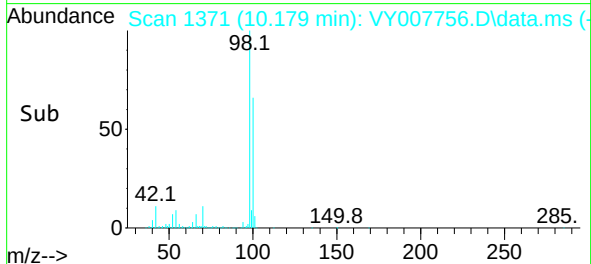
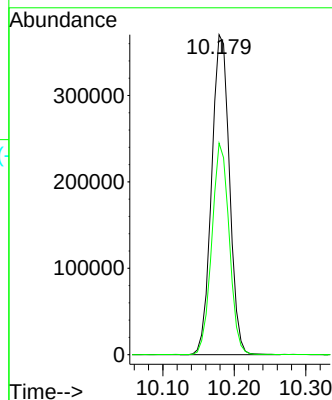
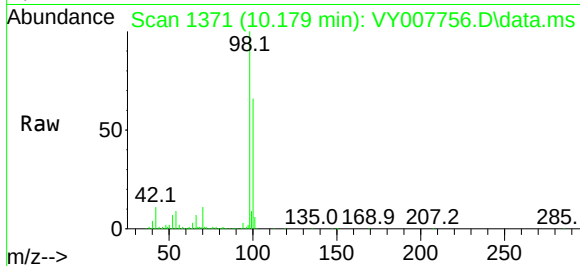




#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

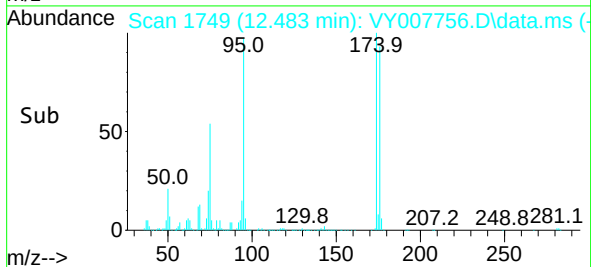
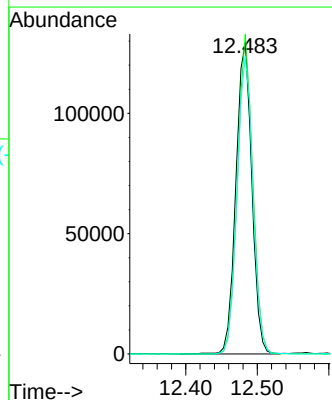
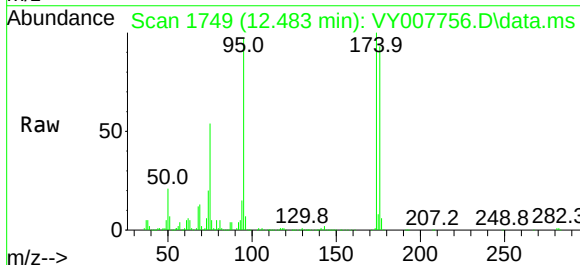
Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

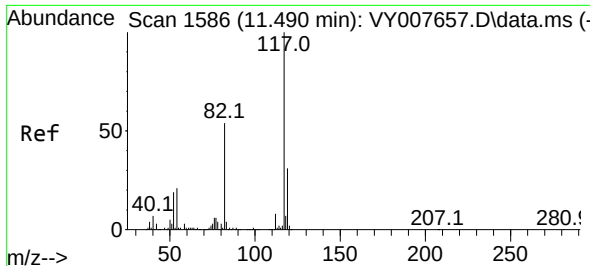
Tgt Ion: 98 Resp: 641607
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 95 Resp: 199507
Ion Ratio Lower Upper
95 100
174 99.4 0.0 177.0
176 94.7 0.0 175.8

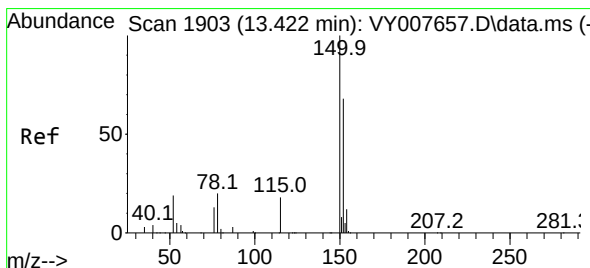
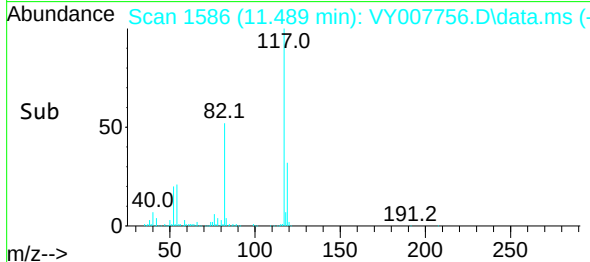
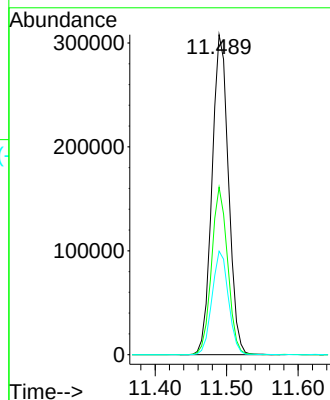
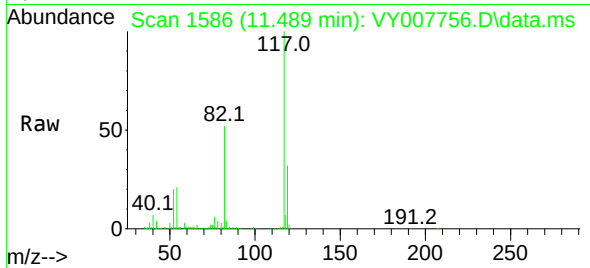




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

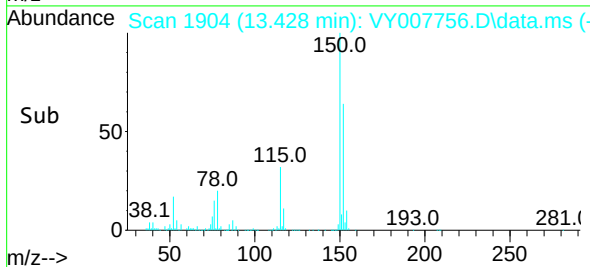
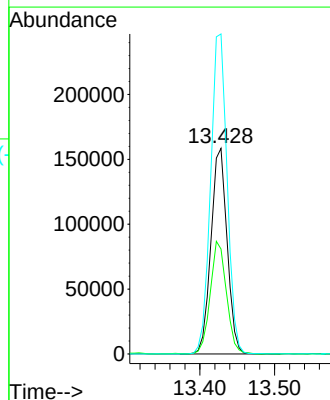
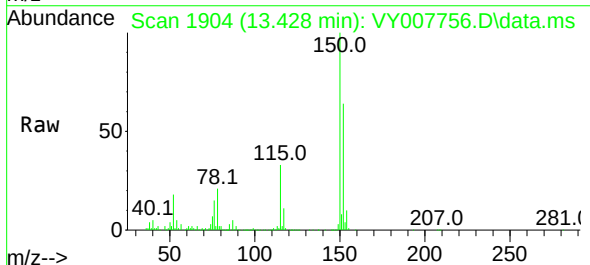
Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

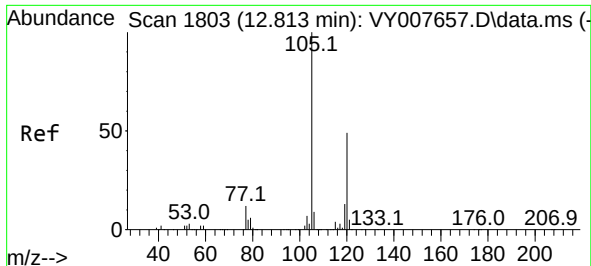
Tgt Ion:117 Resp: 493017
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion:152 Resp: 238081
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 158.8 0.0 347.6

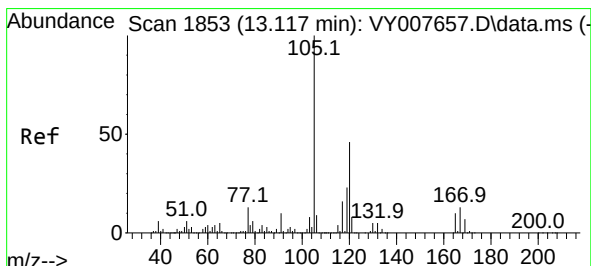
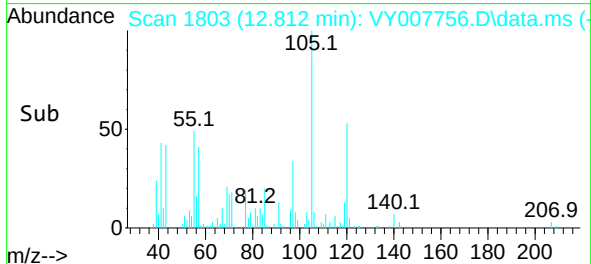
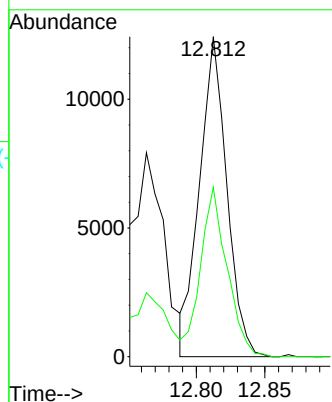
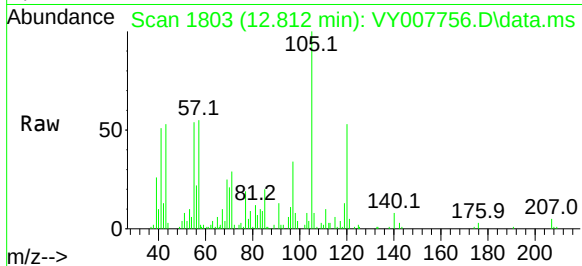




#80
1,3,5-Trimethylbenzene
Concen: 1.159 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

Tgt Ion:105 Resp: 17192
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 2.334 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion:105 Resp: 34091
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9

