

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007481.D
 Acq On : 11 Feb 2022 16:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 12 02:54:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

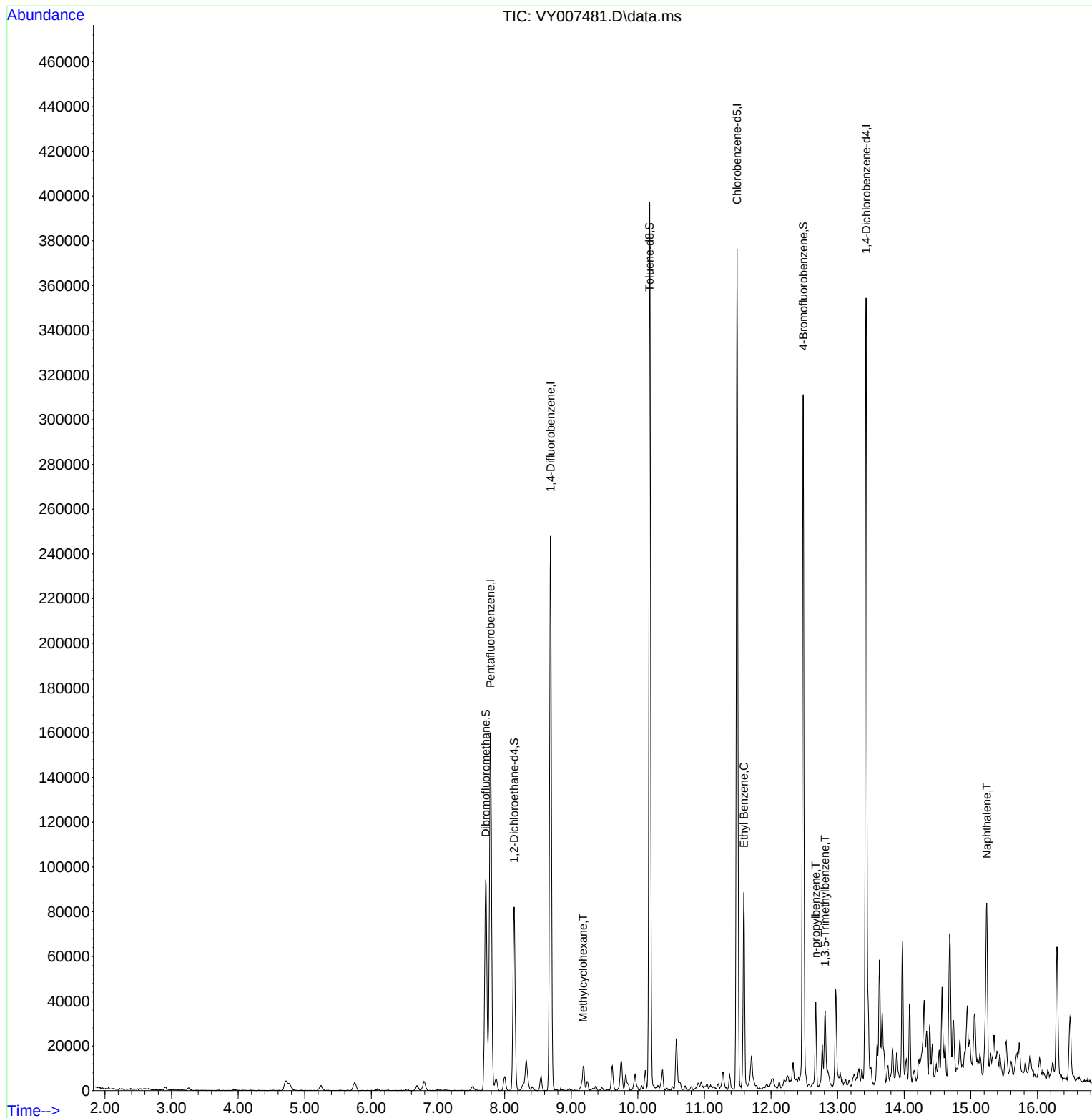
Internal Standards						
1) Pentafluorobenzene	7.789	168	115956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67298	50.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.716	113	66308	49.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.540%	
50) Toluene-d8	10.179	98	252386	51.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.483	95	92640	55.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.740%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	3570	1.220	ug/l	88
67) Ethyl Benzene	11.593	91	57838	6.926	ug/l	98
78) n-propylbenzene	12.672	91	25952	2.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	12182	1.875	ug/l	97
95) Naphthalene	15.239	128	60552	17.182	ug/l	99

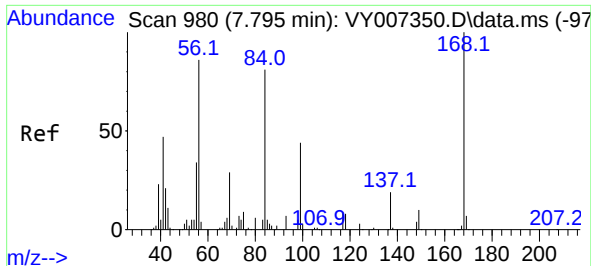
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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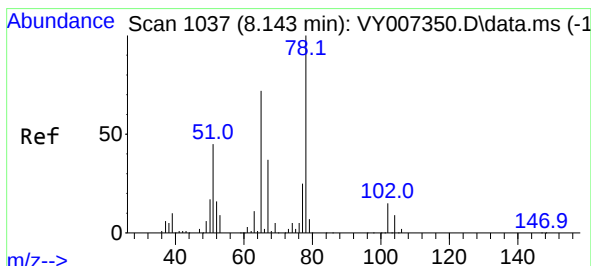
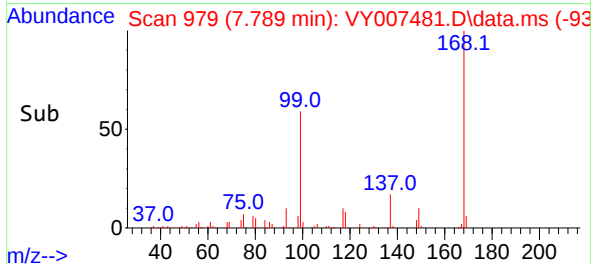
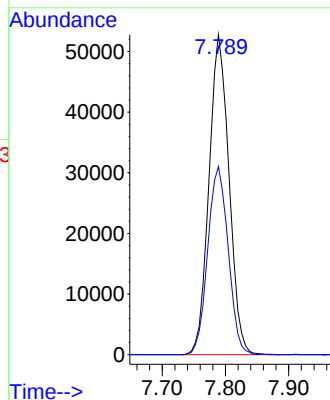
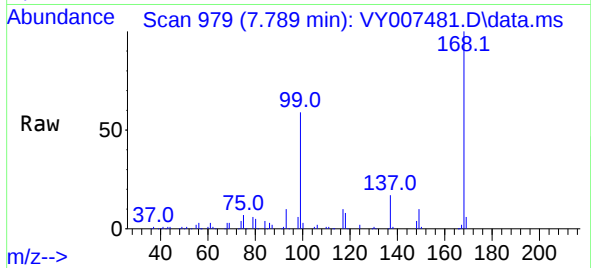




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

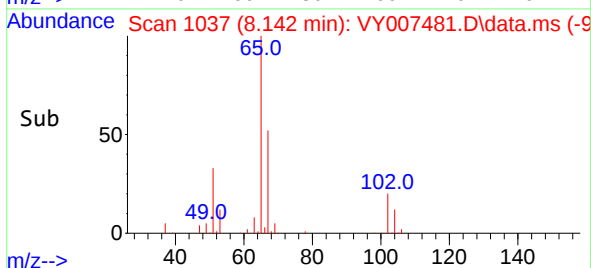
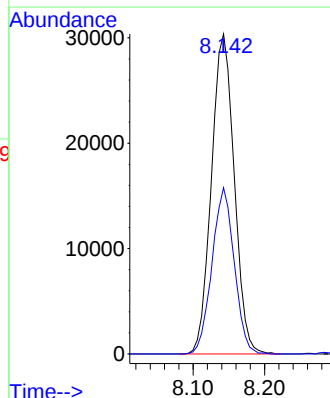
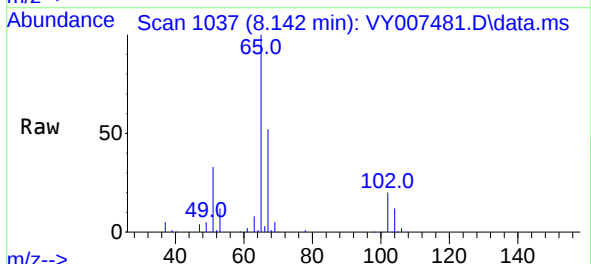
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

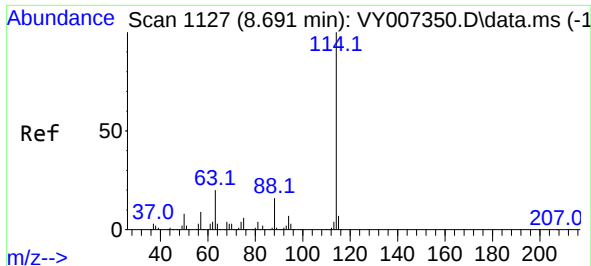
Tgt Ion:168 Resp: 115956
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.457 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

Tgt Ion: 65 Resp: 67298
Ion Ratio Lower Upper
65 100
67 50.6 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: VY007481.D

Acq: 11 Feb 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

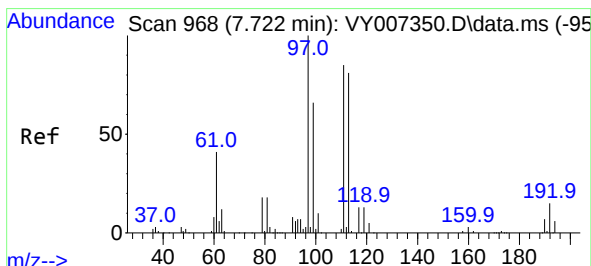
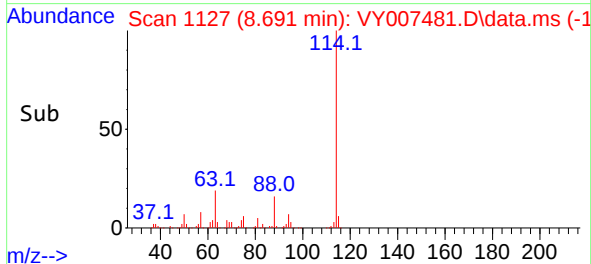
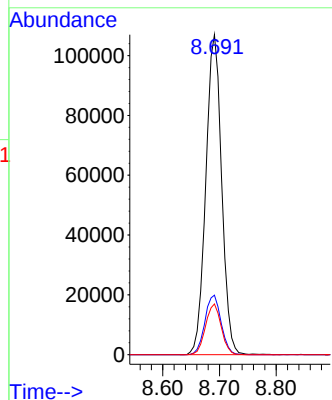
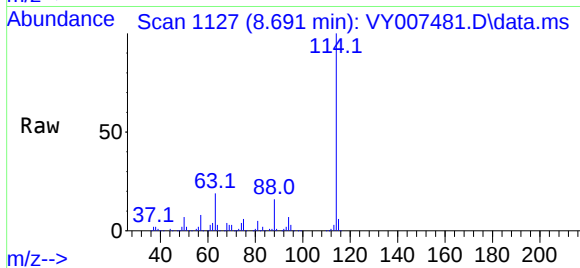
Tgt Ion:114 Resp: 207483

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007481.D

Acq: 11 Feb 2022 16:56

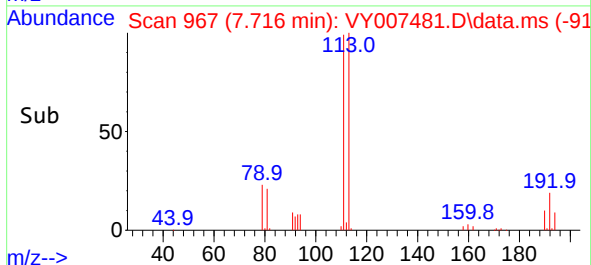
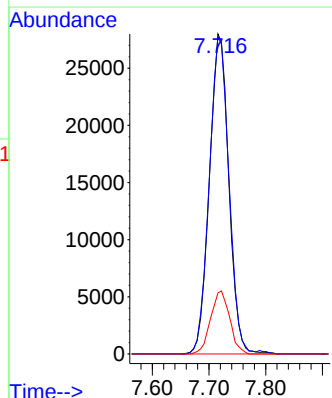
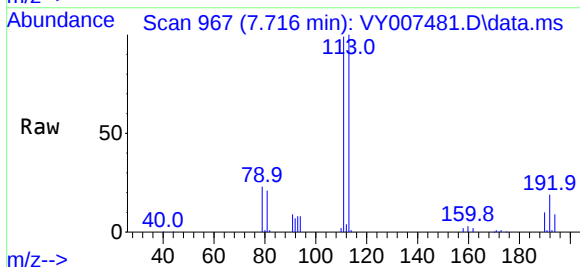
Tgt Ion:113 Resp: 66308

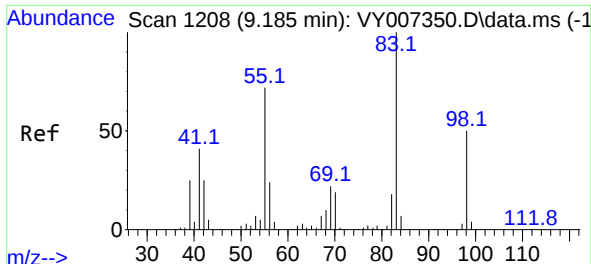
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 19.4 17.6 26.4





#39

Methylcyclohexane

Concen: 1.220 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007481.D

Acq: 11 Feb 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

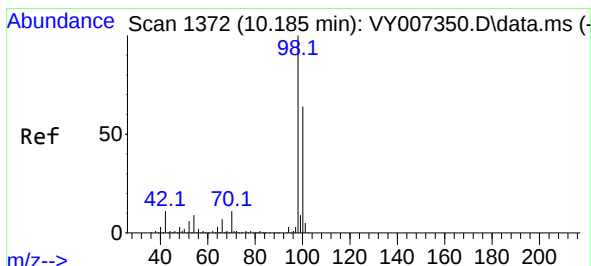
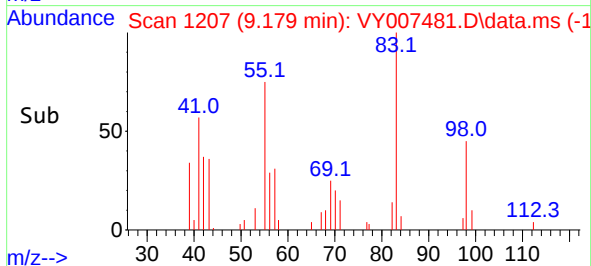
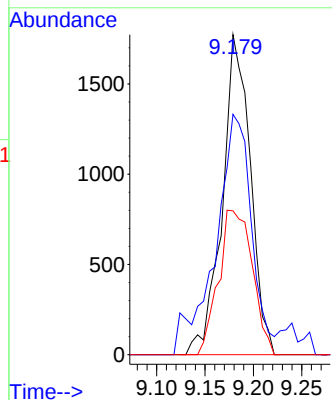
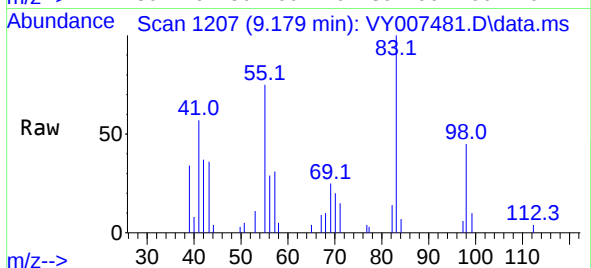
Tgt Ion: 83 Resp: 3570

Ion Ratio Lower Upper

83 100

55 67.7 66.5 99.7

98 45.0 37.9 56.9



#50

Toluene-d8

Concen: 51.274 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007481.D

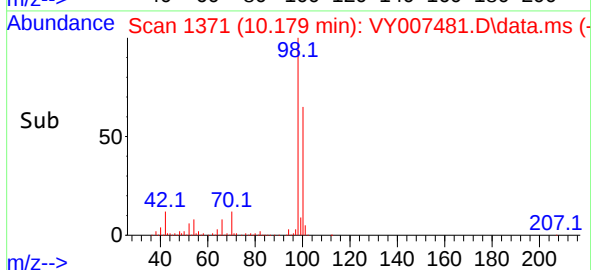
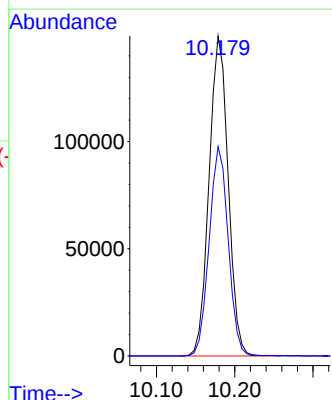
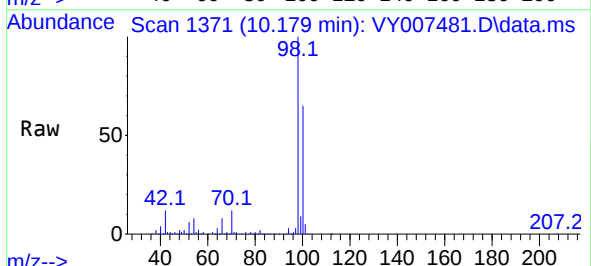
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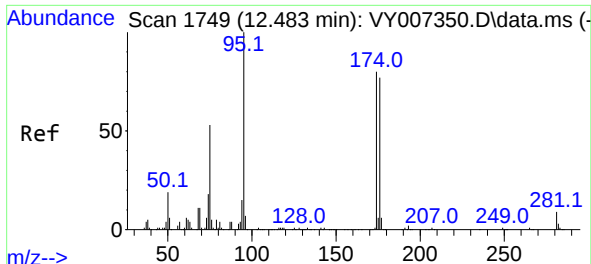
Tgt Ion: 98 Resp: 252386

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

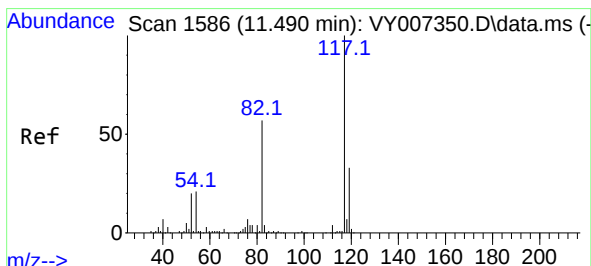
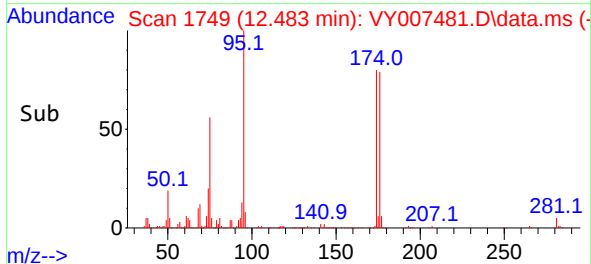
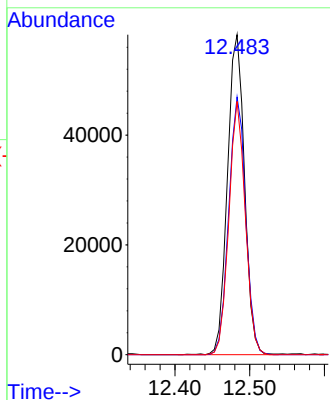
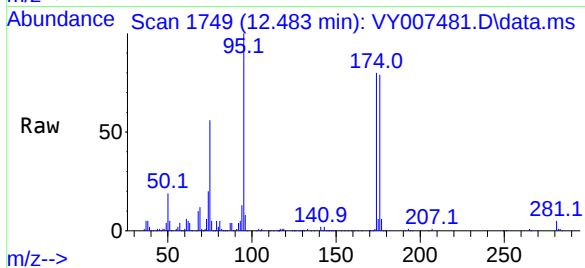




#62
4-Bromofluorobenzene
Concen: 55.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

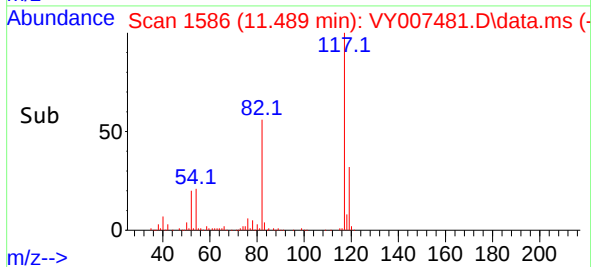
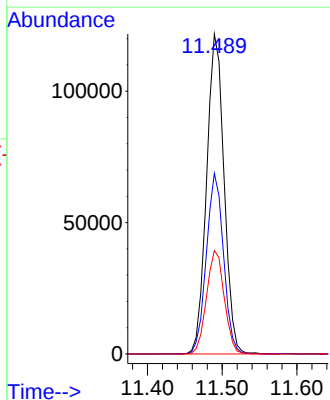
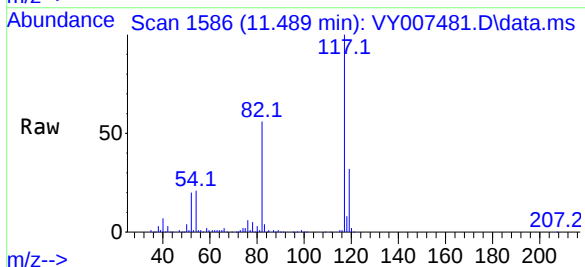
Instrument :
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ClientSampleId :
VIBLK

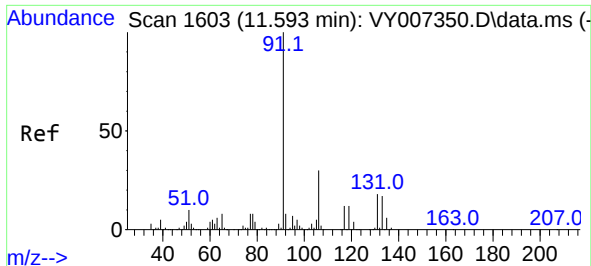
Tgt Ion: 95 Resp: 92640
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 75.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

Tgt Ion: 117 Resp: 197829
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.3 25.4 38.0

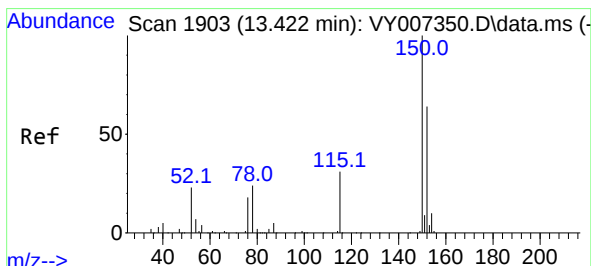
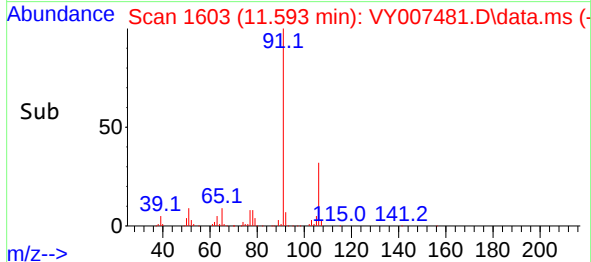
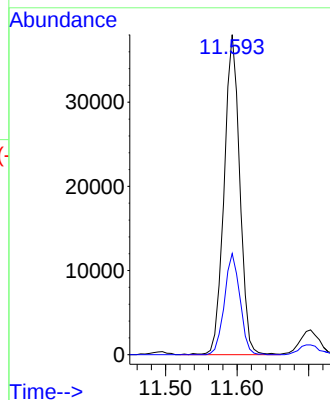
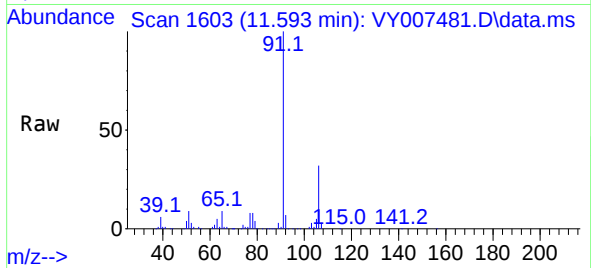




#67
Ethyl Benzene
Concen: 6.926 ug/l
RT: 11.593 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

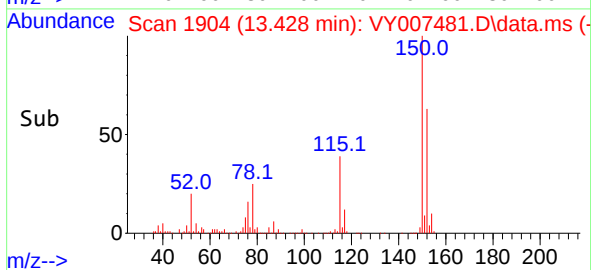
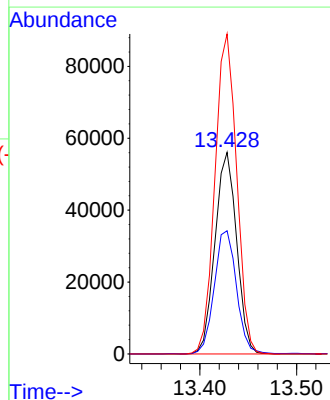
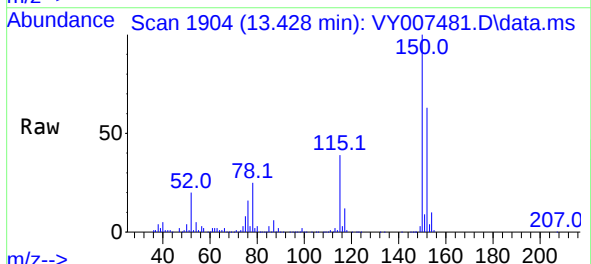
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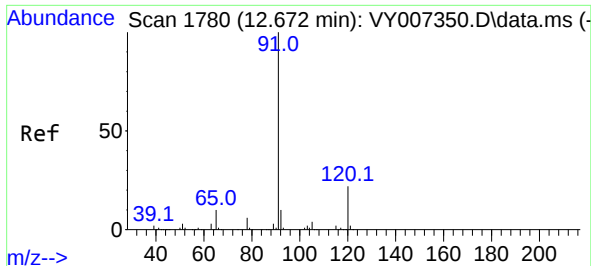
Tgt Ion: 91 Resp: 57838
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

Tgt Ion:152 Resp: 87159
Ion Ratio Lower Upper
152 100
115 62.9 28.2 84.7
150 159.1 0.0 347.6

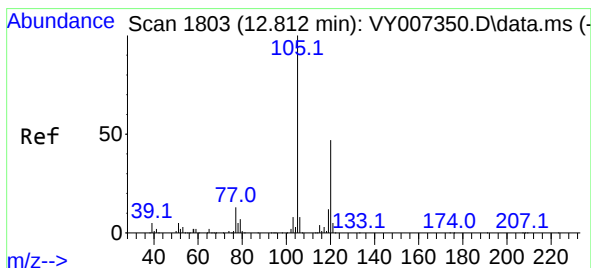
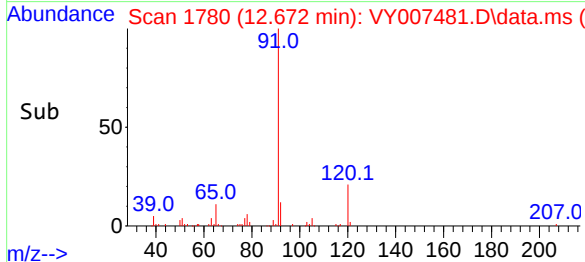
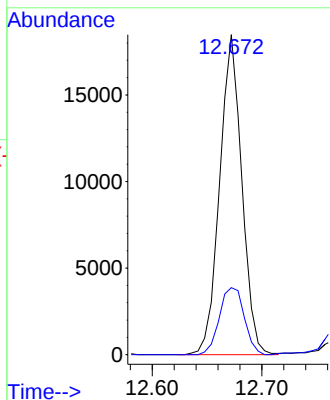
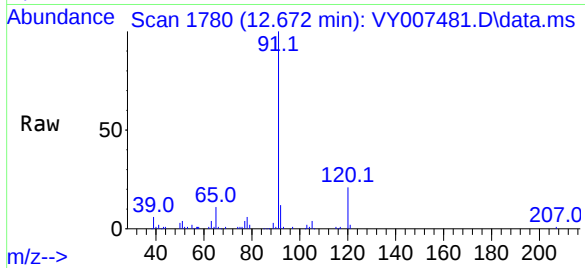




#78
n-propylbenzene
Concen: 2.690 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

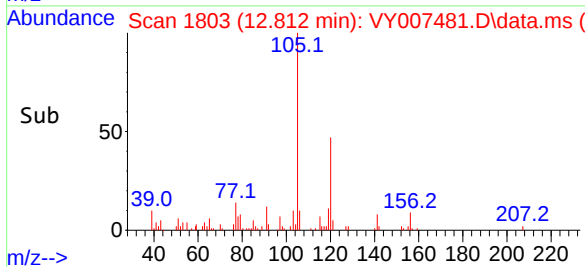
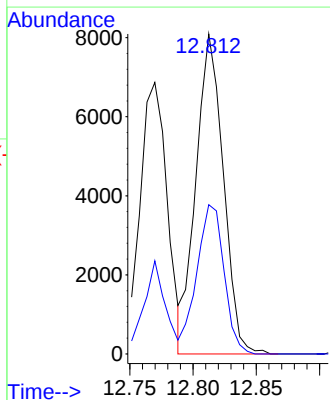
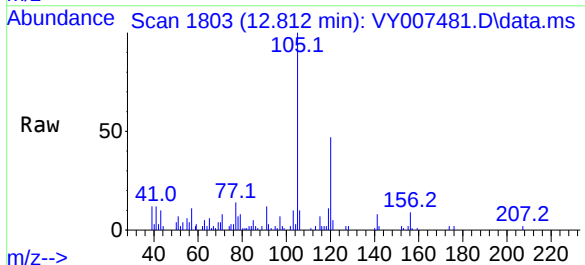
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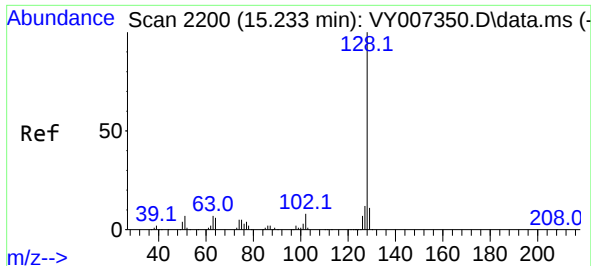
Tgt Ion: 91 Resp: 25952
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 1.875 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007481.D
Acq: 11 Feb 2022 16:56

Tgt Ion: 105 Resp: 12182
Ion Ratio Lower Upper
105 100
120 46.6 24.4 73.4





#95

Naphthalene

Concen: 17.182 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007481.D

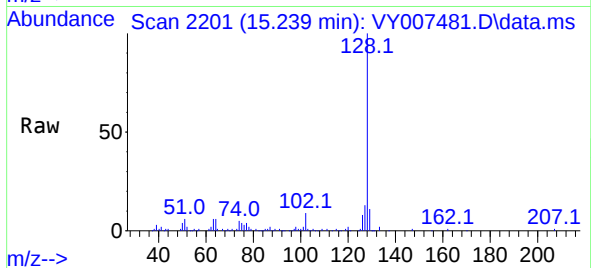
Acq: 11 Feb 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 60552

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 11.0 8.4 12.6

