

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007576.D
 Acq On : 22 Feb 2022 12:35
 Operator : SY/MD
 Sample : N1600-02RE
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1RE

Quant Time: Feb 22 14:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

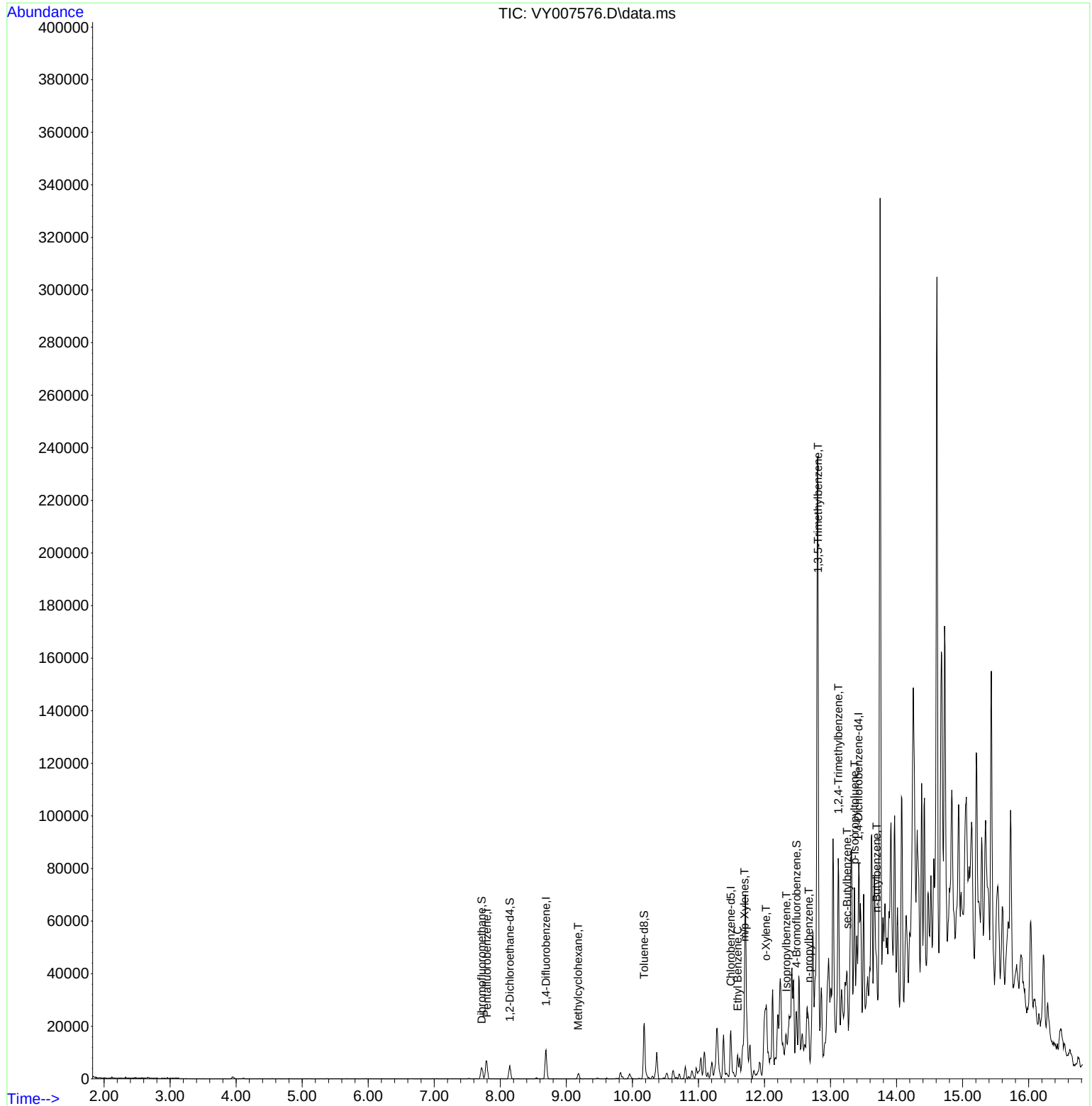
Internal Standards						
1) Pentafluorobenzene	7.795	168	5639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3924	67.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.380%	
35) Dibromofluoromethane	7.716	113	2859	50.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.660%	
50) Toluene-d8	10.179	98	11137	56.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.080%	
62) 4-Bromofluorobenzene	12.483	95	5419	75.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 151.960%#	
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.179	83	990	9.444	ug/l	# 78
67) Ethyl Benzene	11.593	91	4733	12.790	ug/l	98
68) m/p-Xylenes	11.697	106	3365	23.882	ug/l	96
69) o-Xylene	12.026	106	4653	34.629	ug/l	95
73) Isopropylbenzene	12.331	105	3183	8.148	ug/l	95
78) n-propylbenzene	12.672	91	10213	22.429	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	17005	51.929	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	32811	101.946	ug/l	99
85) sec-Butylbenzene	13.251	105	7924	18.822	ug/l	87
86) p-Isopropyltoluene	13.367	119	4660	13.143	ug/l	92
89) n-Butylbenzene	13.697	91	7920	24.458	ug/l	# 70

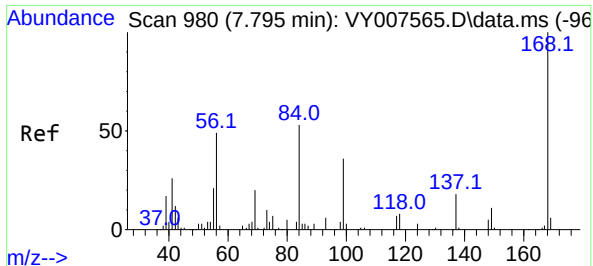
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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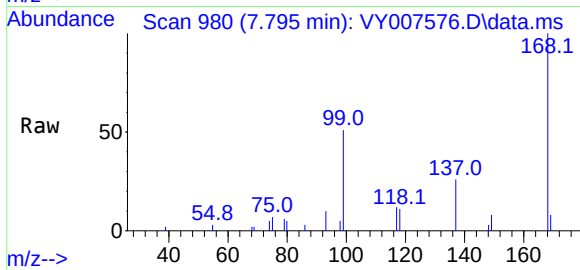
Quant Time: Feb 22 14:13:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 2022
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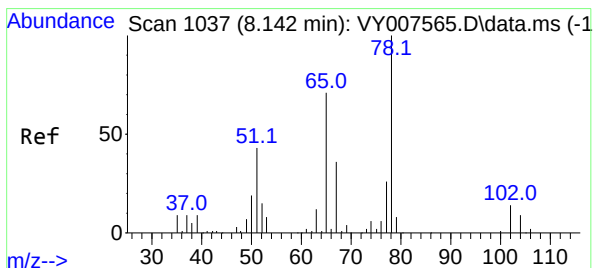
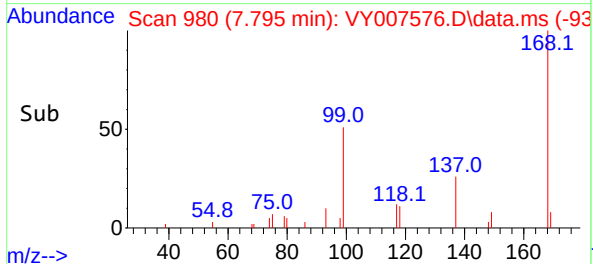
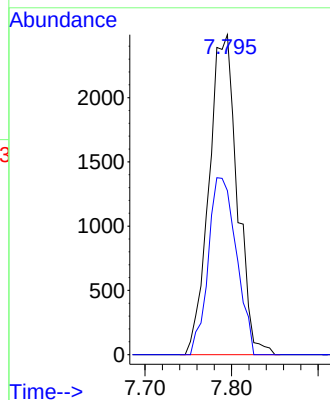


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
C0AA1RE

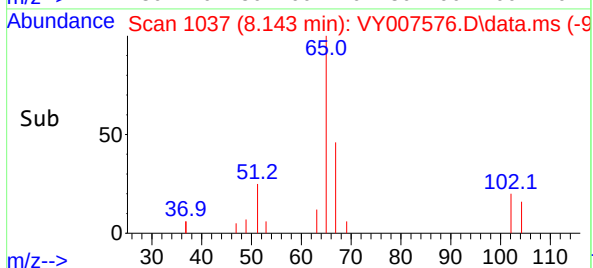
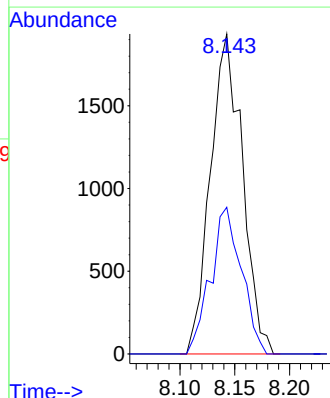
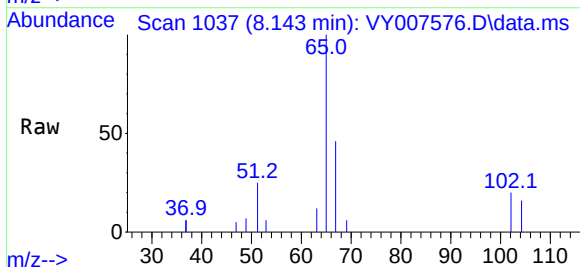


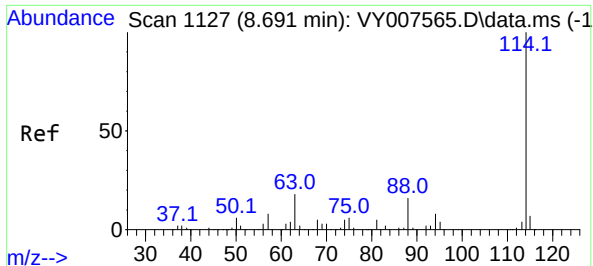
Tgt Ion:168 Resp: 5639
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.188 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Tgt Ion: 65 Resp: 3924
Ion Ratio Lower Upper
65 100
67 44.3 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: VY007576.D

Acq: 22 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

C0AA1RE

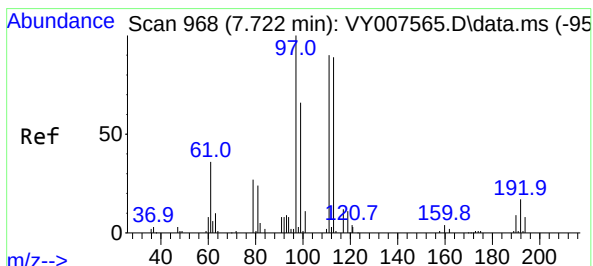
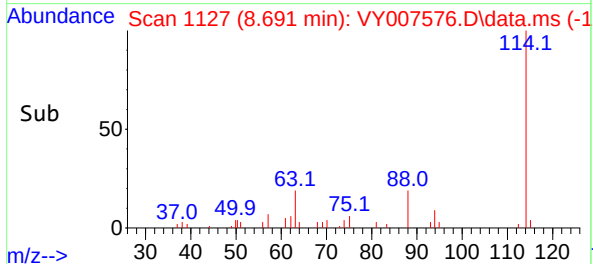
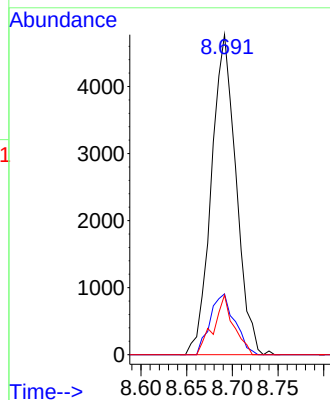
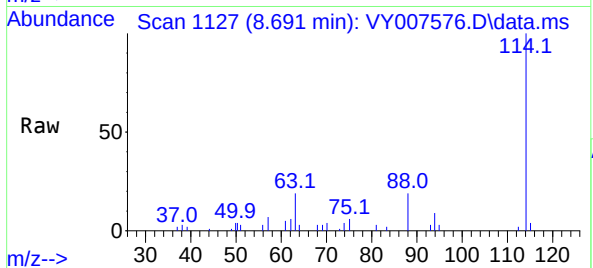
Tgt Ion:114 Resp: 8959

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 18.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.328 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007576.D

Acq: 22 Feb 2022 12:35

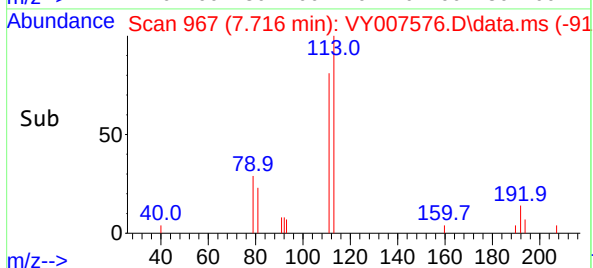
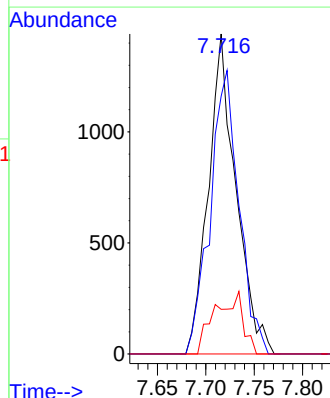
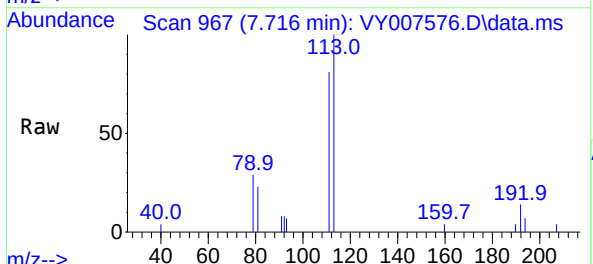
Tgt Ion:113 Resp: 2859

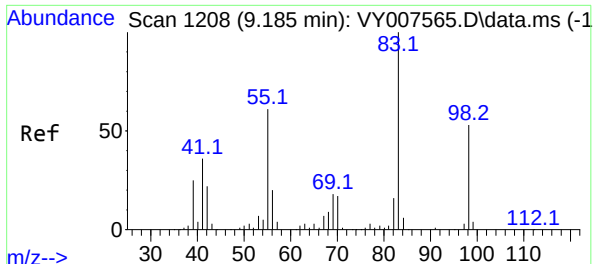
Ion Ratio Lower Upper

113 100

111 92.5 82.6 124.0

192 19.8 17.6 26.4





#39

Methylcyclohexane

Concen: 9.444 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007576.D

Acq: 22 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

C0AA1RE

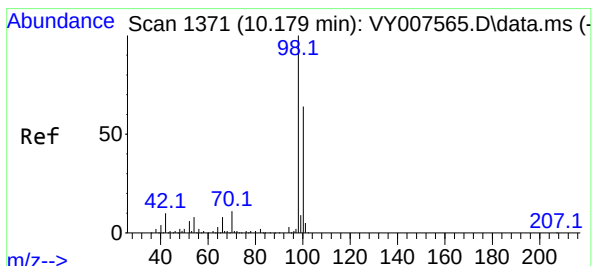
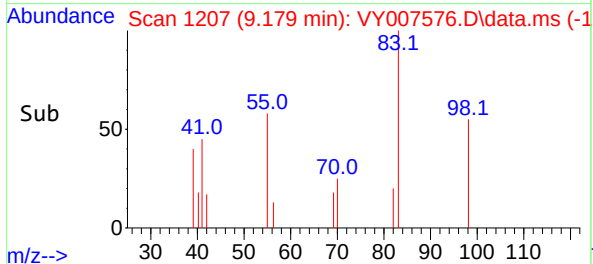
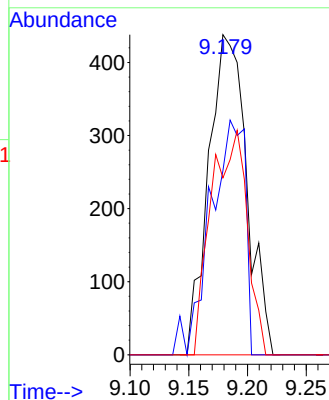
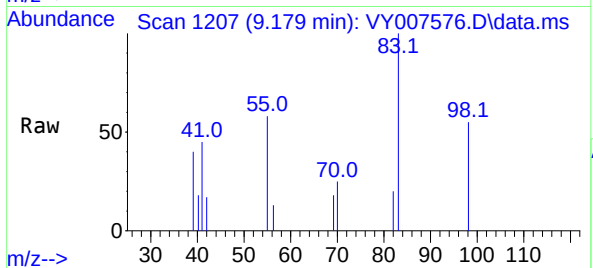
Tgt Ion: 83 Resp: 990

Ion Ratio Lower Upper

83 100

55 57.5 66.5 99.7#

98 55.3 37.9 56.9



#50

Toluene-d8

Concen: 56.542 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007576.D

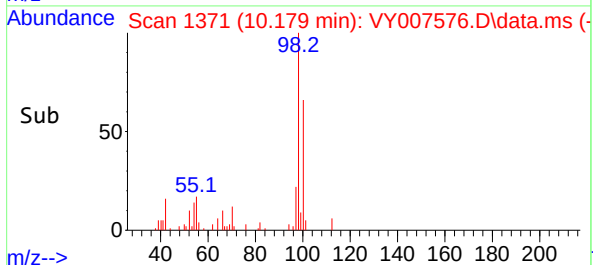
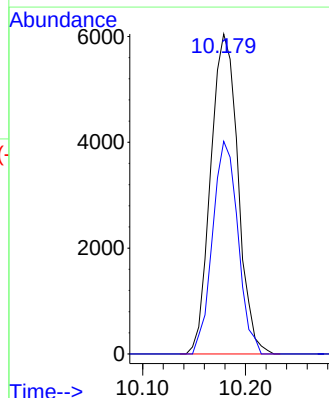
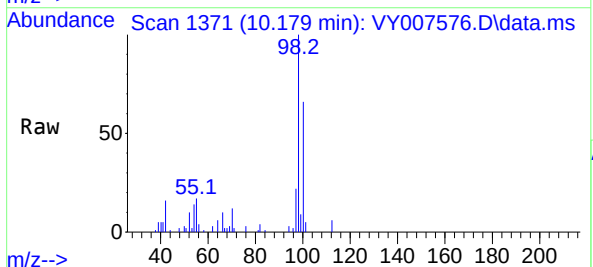
Acq: 22 Feb 2022 12:35

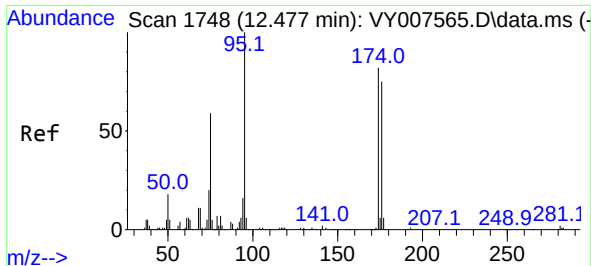
Tgt Ion: 98 Resp: 11137

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.2

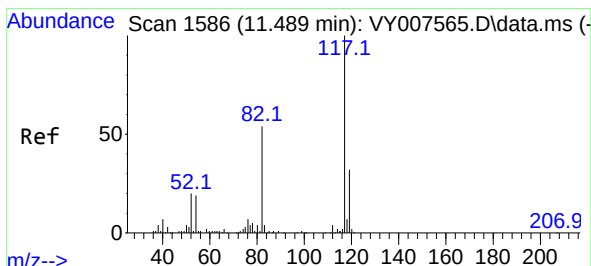
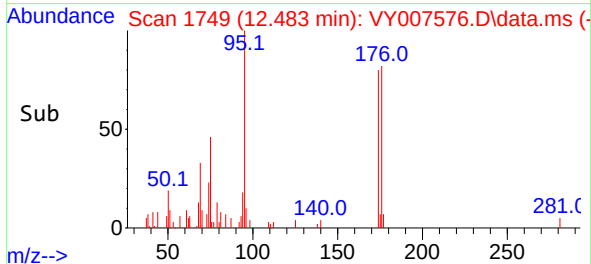
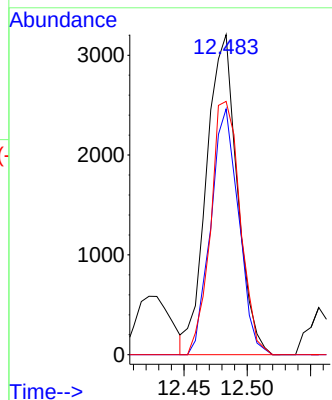
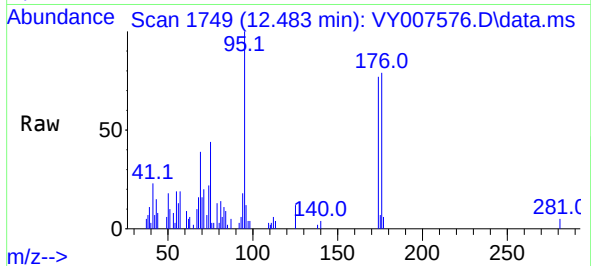




#62
4-Bromofluorobenzene
Concen: 75.983 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

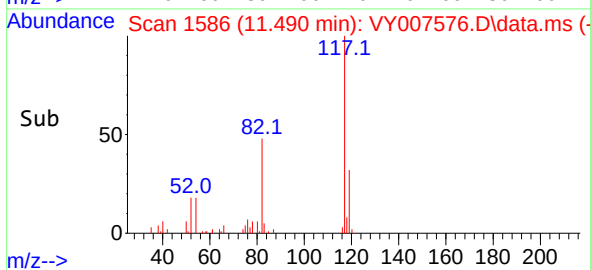
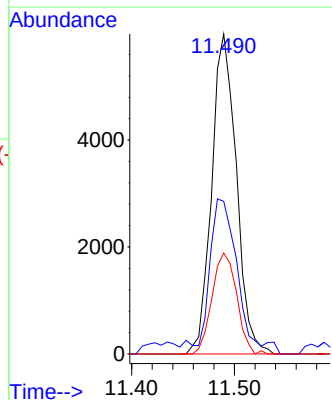
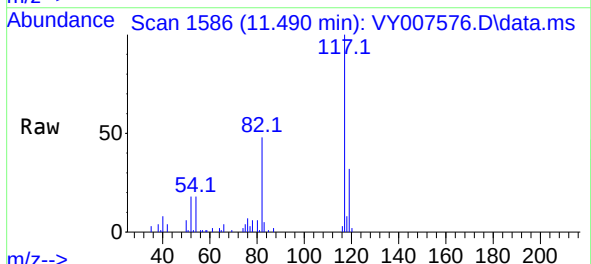
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1RE

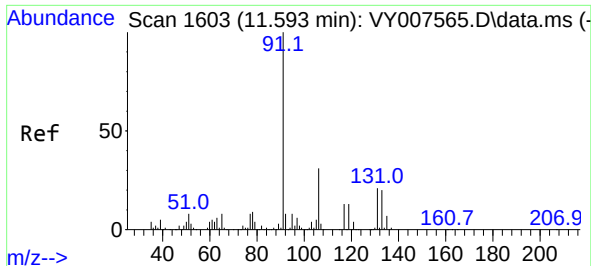
Tgt Ion: 95 Resp: 5419
Ion Ratio Lower Upper
95 100
174 69.6 0.0 177.0
176 76.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Tgt Ion: 117 Resp: 9961
Ion Ratio Lower Upper
117 100
82 47.7 43.0 64.4
119 31.5 25.4 38.0

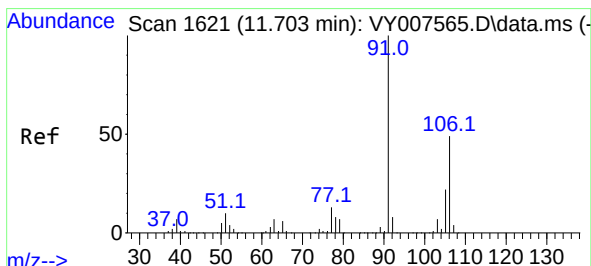
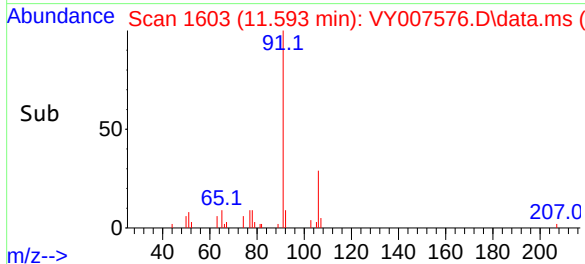
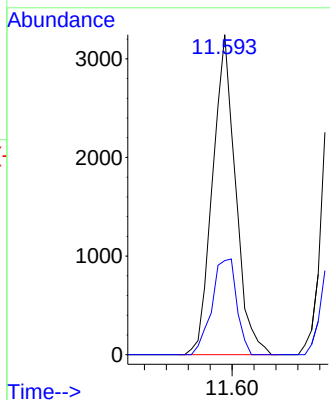
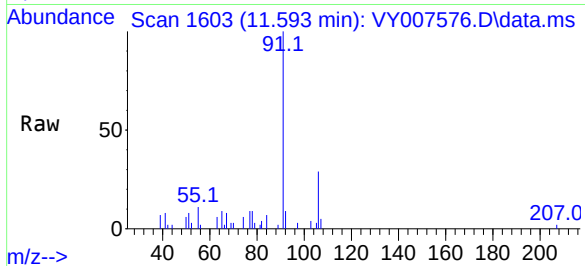




#67
Ethyl Benzene
Concen: 12.790 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

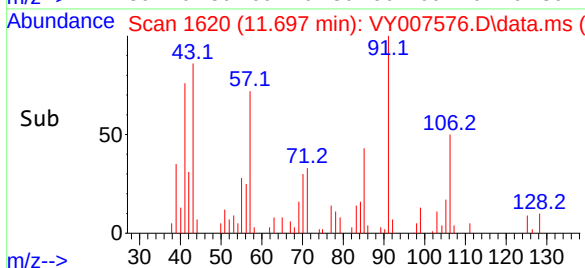
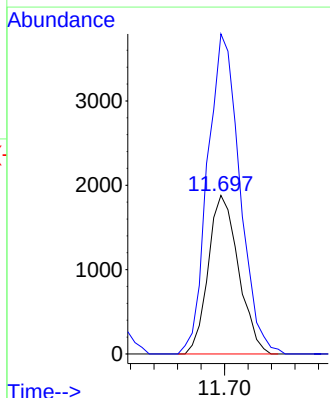
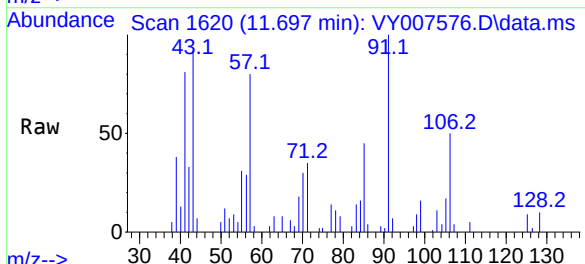
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1RE

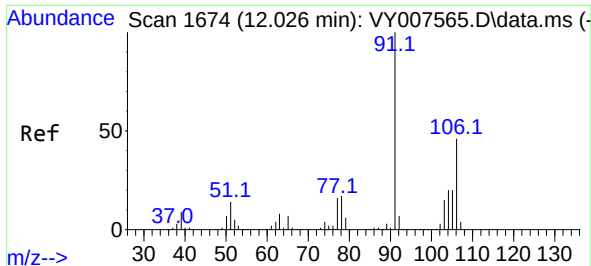
Tgt Ion: 91 Resp: 4733
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7



#68
m/p-Xylenes
Concen: 23.882 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Tgt Ion: 106 Resp: 3365
Ion Ratio Lower Upper
106 100
91 214.7 166.6 249.8

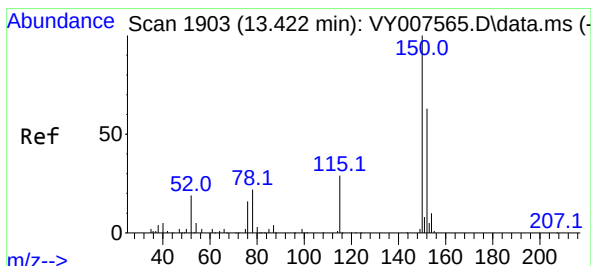
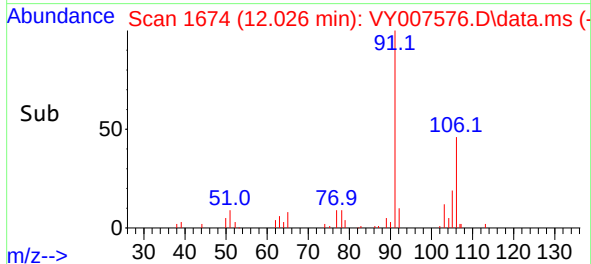
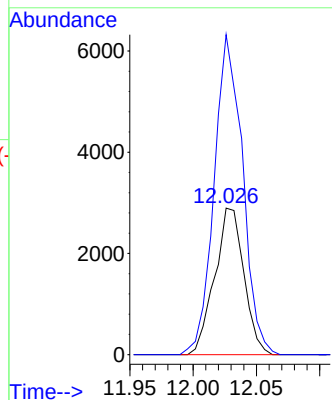
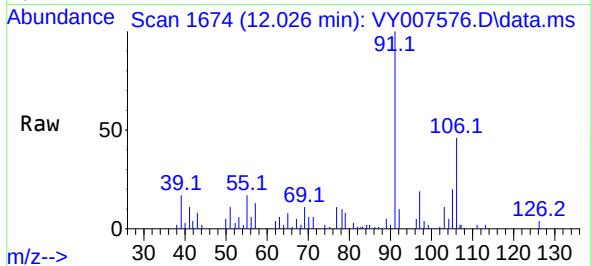




#69
o-Xylene
Concen: 34.629 ug/l
RT: 12.026 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

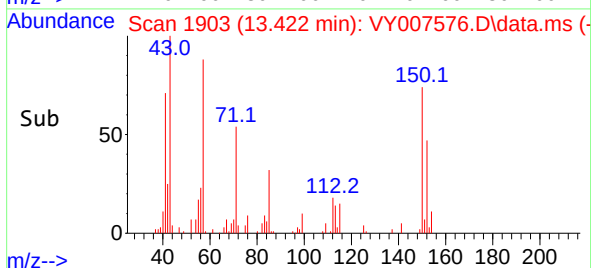
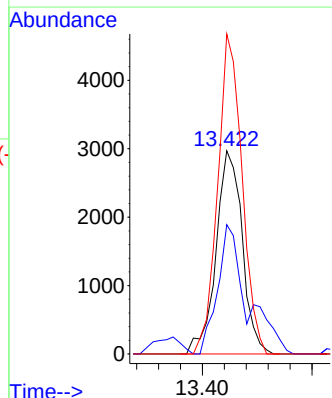
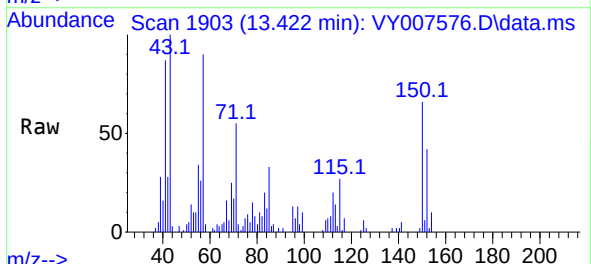
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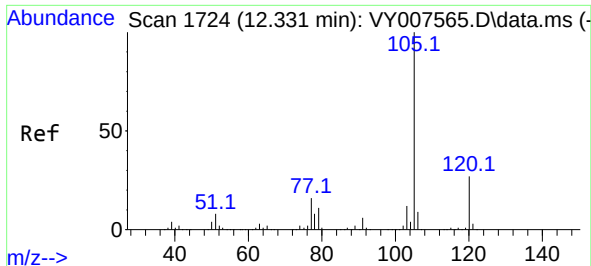
Tgt Ion:106 Resp: 4653
Ion Ratio Lower Upper
106 100
91 212.4 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

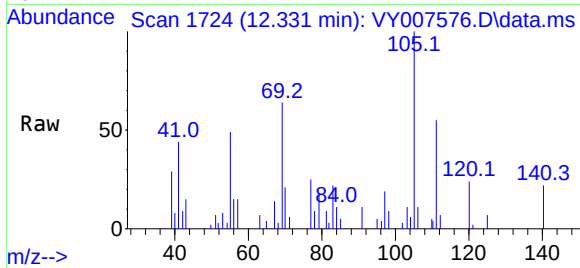
Tgt Ion:152 Resp: 4935
Ion Ratio Lower Upper
152 100
115 72.3 28.2 84.7
150 146.4 0.0 347.6



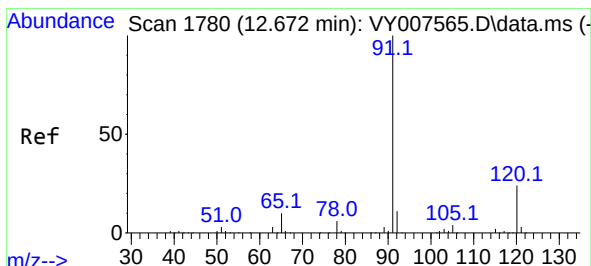
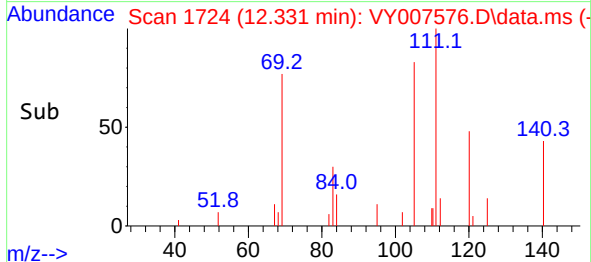
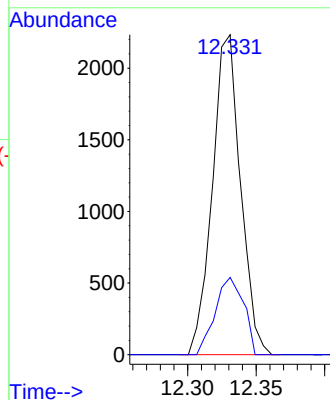


#73
Isopropylbenzene
Concen: 8.148 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
C0AA1RE

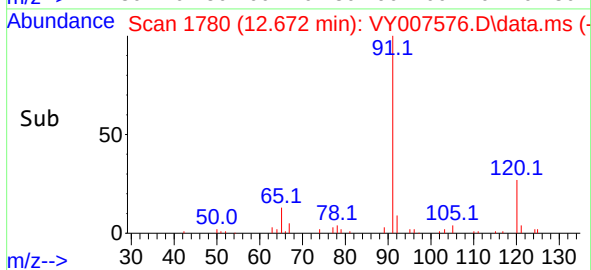
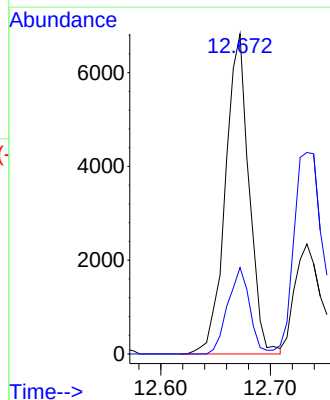
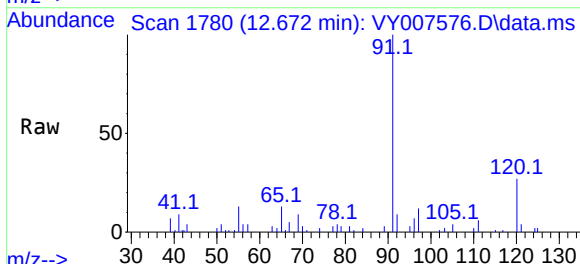


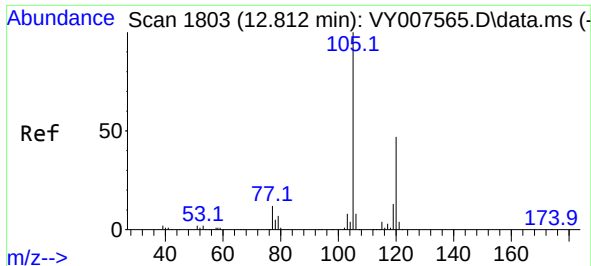
Tgt Ion:105 Resp: 3183
Ion Ratio Lower Upper
105 100
120 24.4 13.4 40.2



#78
n-propylbenzene
Concen: 22.429 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Tgt Ion: 91 Resp: 10213
Ion Ratio Lower Upper
91 100
120 24.9 11.3 33.9

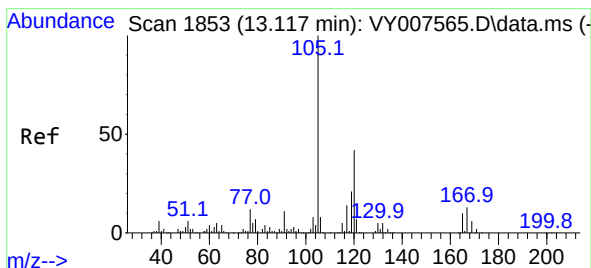
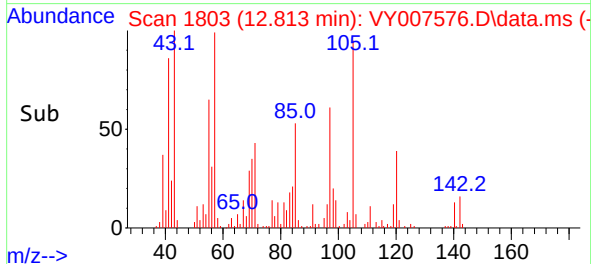
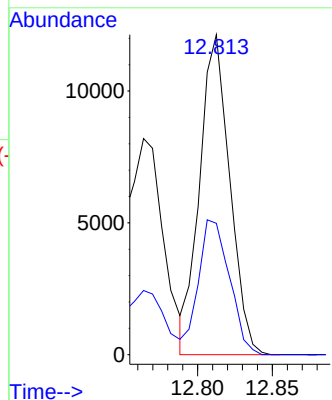
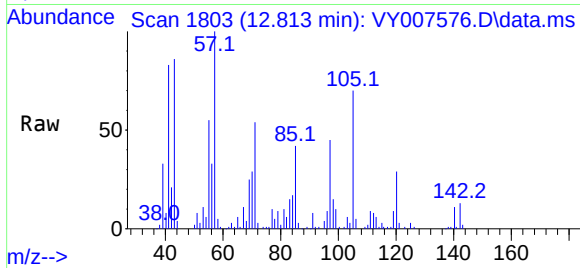




#80
1,3,5-Trimethylbenzene
Concen: 51.929 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

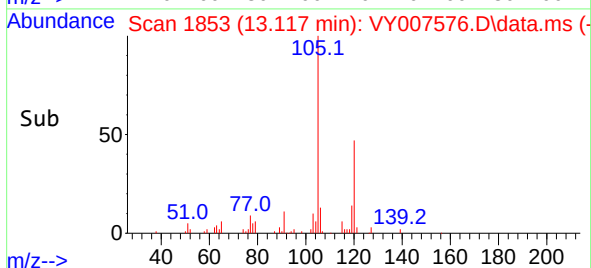
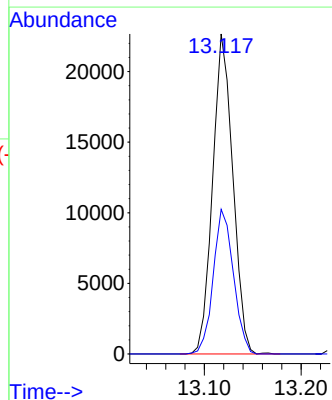
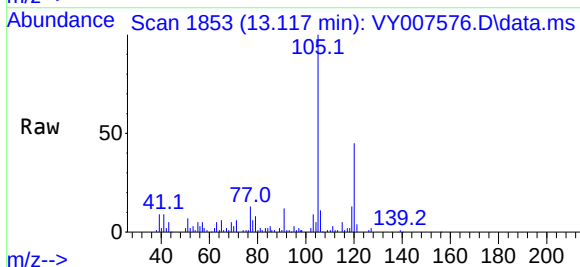
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MSVOA_Y
ClientSampleId :
C0AA1RE

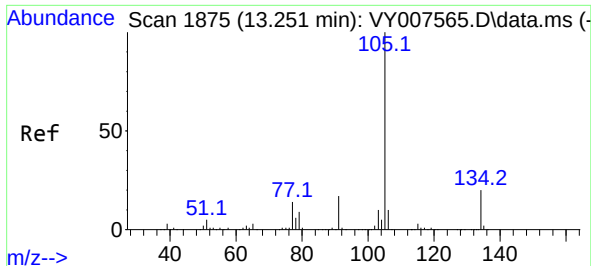
Tgt Ion:105 Resp: 17005
Ion Ratio Lower Upper
105 100
120 43.6 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 101.946 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007576.D
Acq: 22 Feb 2022 12:35

Tgt Ion:105 Resp: 32811
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9

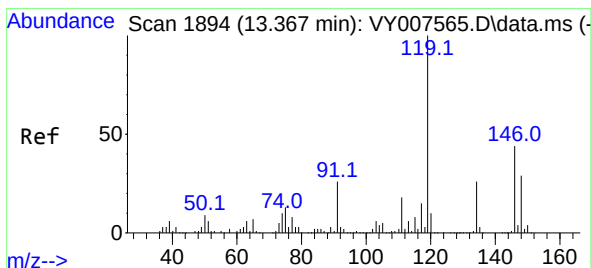
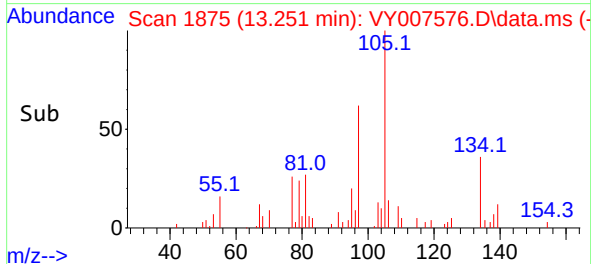
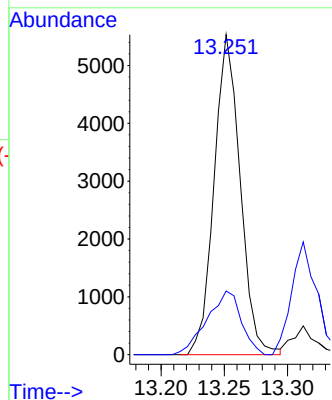
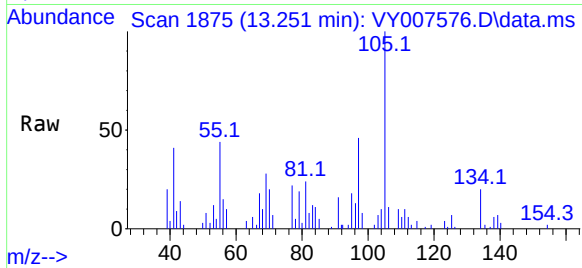




#85
 sec-Butylbenzene
 Concen: 18.822 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007576.D
 Acq: 22 Feb 2022 12:35

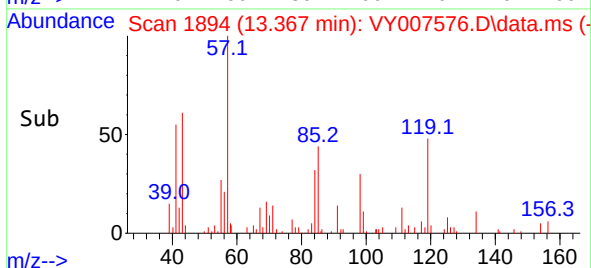
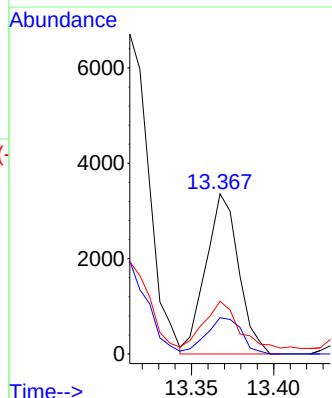
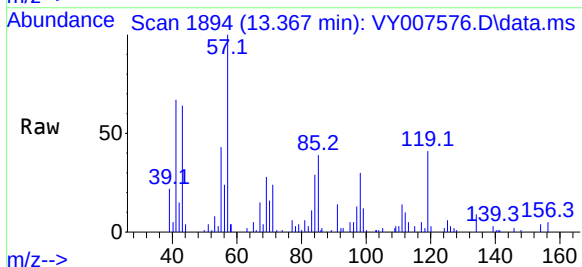
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1RE

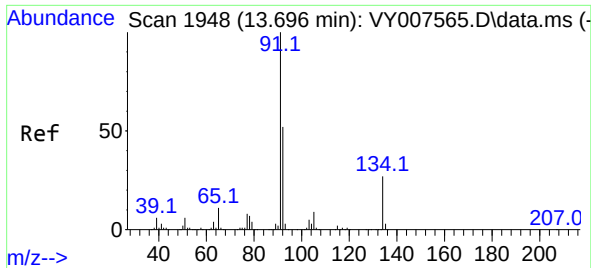
Tgt Ion:105 Resp: 7924
 Ion Ratio Lower Upper
 105 100
 134 26.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 13.143 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007576.D
 Acq: 22 Feb 2022 12:35

Tgt Ion:119 Resp: 4660
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.2 39.5
 91 30.6 12.4 37.2





#89

n-Butylbenzene

Concen: 24.458 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY007576.D

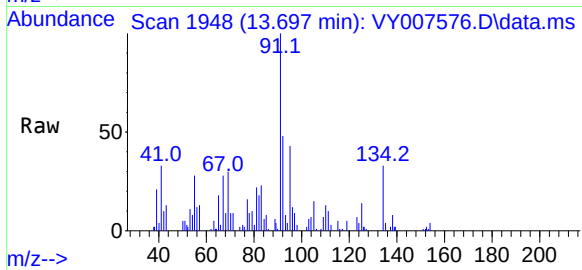
Acq: 22 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

C0AA1RE



Tgt Ion: 91 Resp: 7920

Ion Ratio Lower Upper

91 100

92 66.4 26.3 78.9

134 0.0 13.0 38.9#

