

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007551.D
 Acq On : 18 Feb 2022 17:38
 Operator : SY/MD
 Sample : N1600-04
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA4

Quant Time: Feb 19 04:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

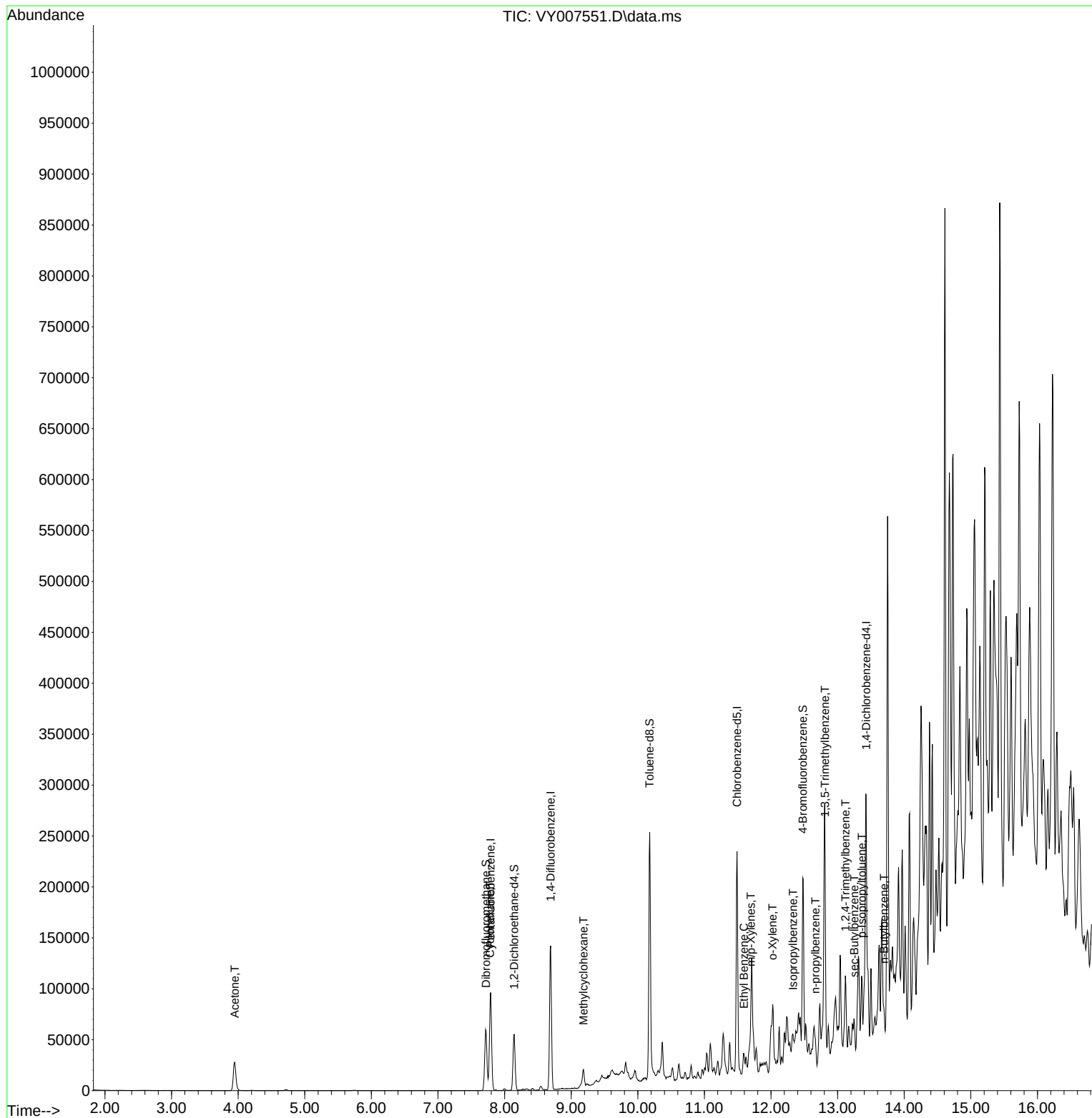
Internal Standards						
1) Pentafluorobenzene	7.789	168	67875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43640	58.235	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 116.480%		
35) Dibromofluoromethane	7.722	113	40122	52.729	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.460%		
50) Toluene-d8	10.179	98	148073	51.236	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.480%		
62) 4-Bromofluorobenzene	12.477	95	51702	52.760	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 105.520%		
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	49305	247.990	ug/l	96
31) Cyclohexane	7.783	56	2384	1.799	ug/l #	53
39) Methylcyclohexane	9.185	83	7694	4.807	ug/l #	82
67) Ethyl Benzene	11.593	91	11705	2.443	ug/l	97
68) m/p-Xylenes	11.697	106	7963	4.392	ug/l	91
69) o-Xylene	12.026	106	13340	7.776	ug/l	97
73) Isopropylbenzene	12.331	105	8294	1.956	ug/l	92
78) n-propylbenzene	12.666	91	12783	2.506	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	28344	8.071	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	34825	10.227	ug/l	99
85) sec-Butylbenzene	13.251	105	10962	2.423	ug/l	84
86) p-Isopropyltoluene	13.367	119	4209	1.129	ug/l	94
89) n-Butylbenzene	13.696	91	6281	1.772	ug/l #	50

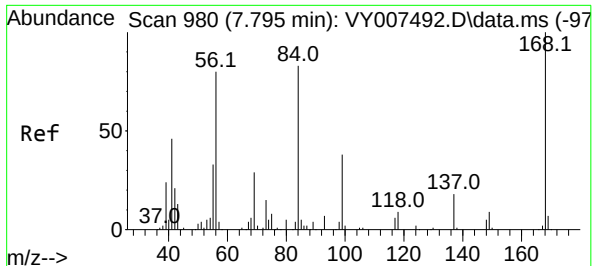
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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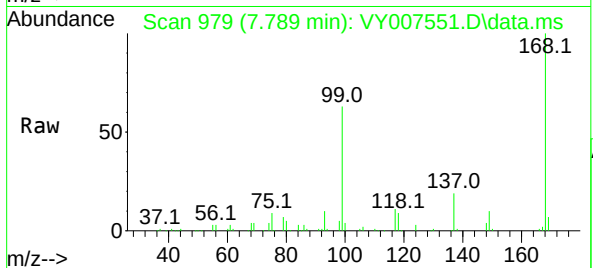
Quant Time: Feb 19 04:35:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration



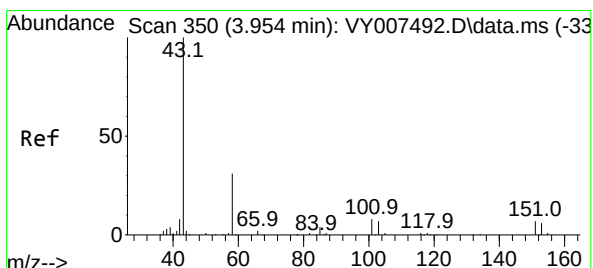
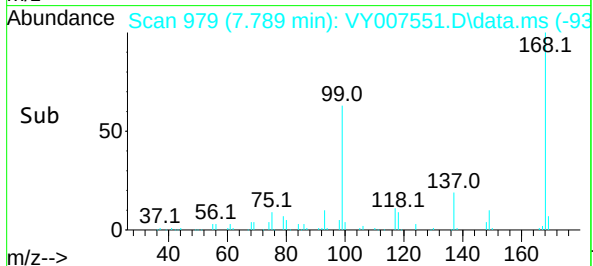
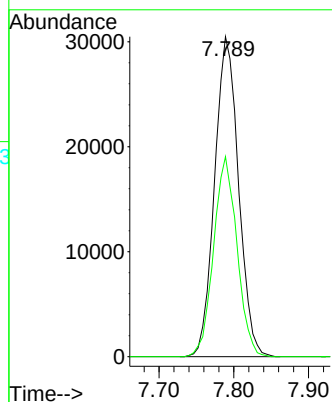


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

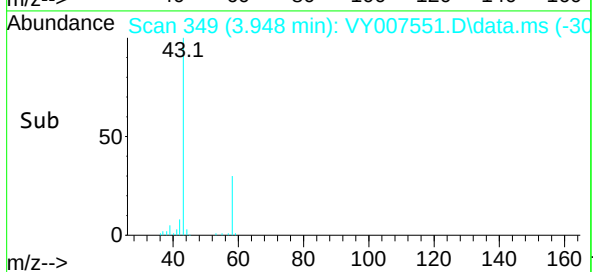
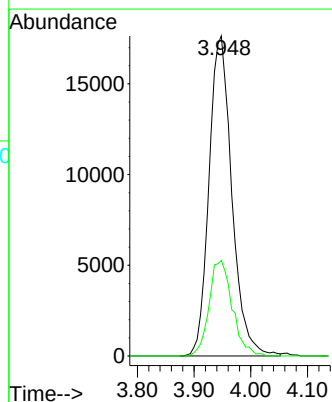
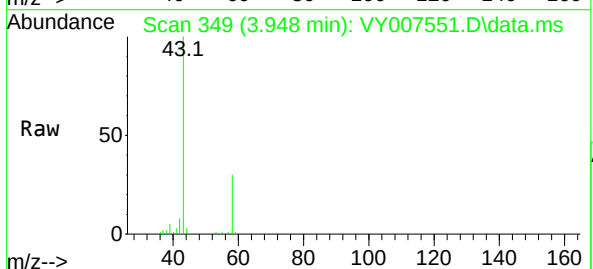


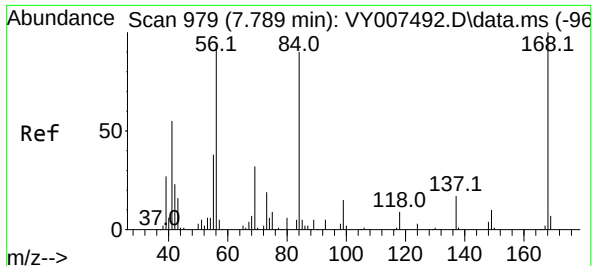
Tgt Ion:168 Resp: 67875
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3



#16
Acetone
Concen: 247.990 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

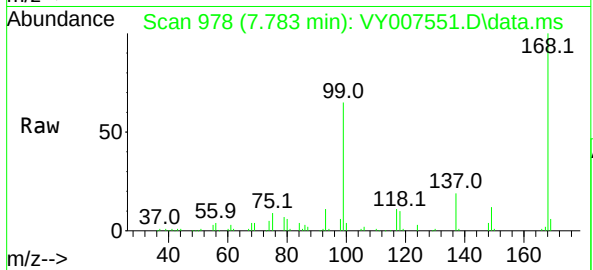
Tgt Ion: 43 Resp: 49305
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0



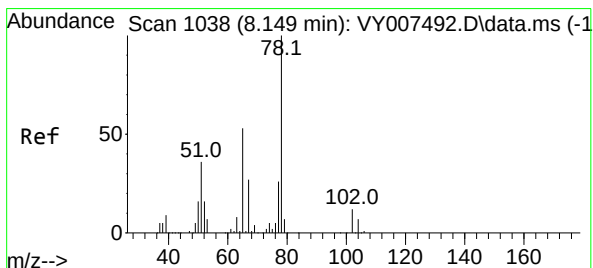
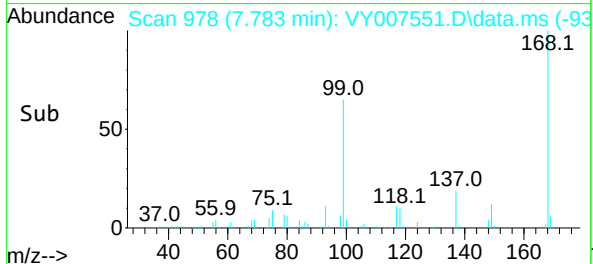
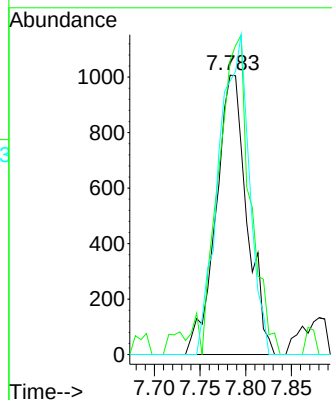


#31
Cyclohexane
Concen: 1.799 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

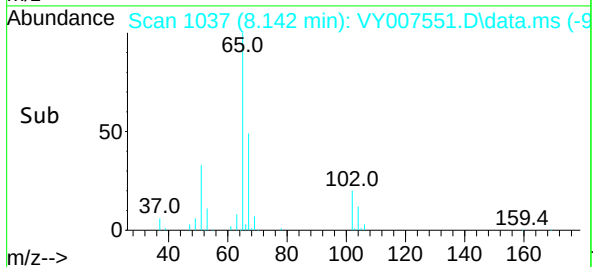
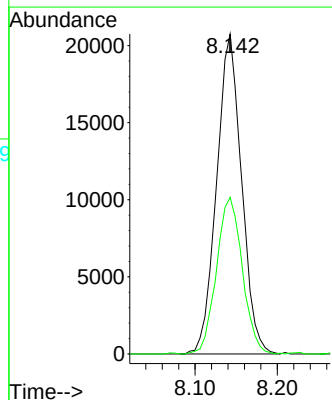
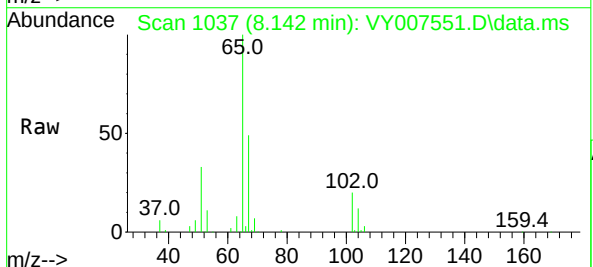


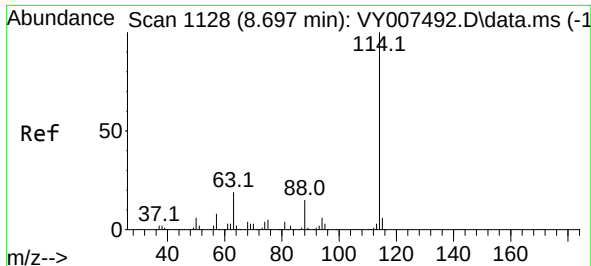
Tgt Ion: 56 Resp: 2384
Ion Ratio Lower Upper
56 100
69 105.3 26.7 40.1#
84 97.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 58.235 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Tgt Ion: 65 Resp: 43640
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007551.D

Acq: 18 Feb 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

C0AA4

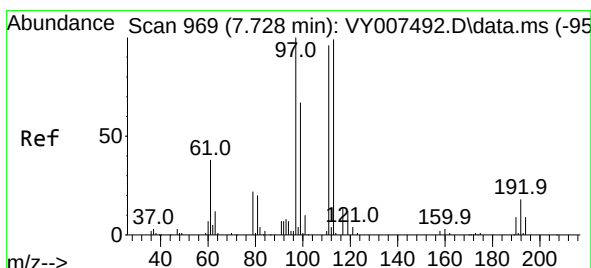
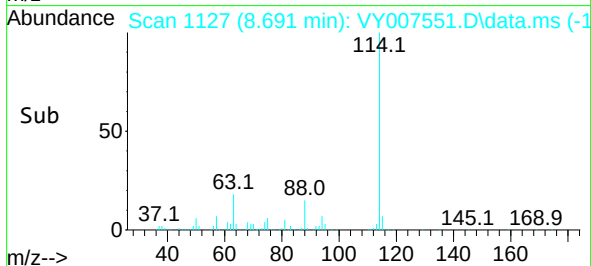
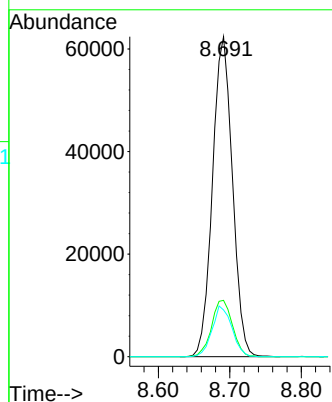
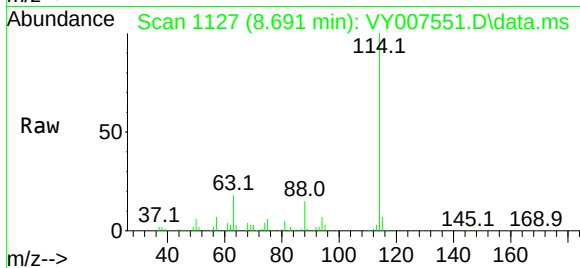
Tgt Ion:114 Resp: 120659

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.729 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007551.D

Acq: 18 Feb 2022 17:38

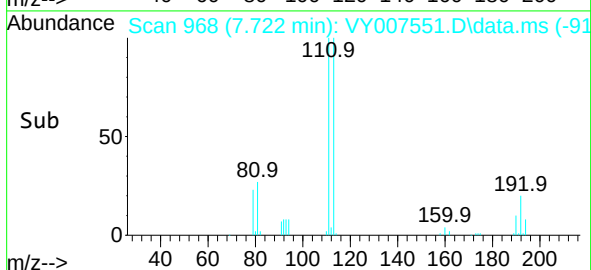
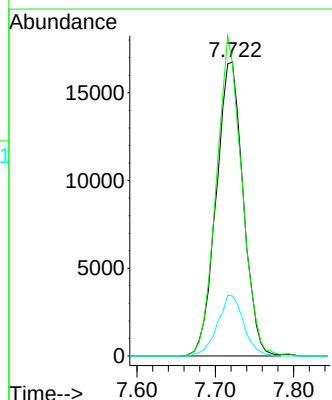
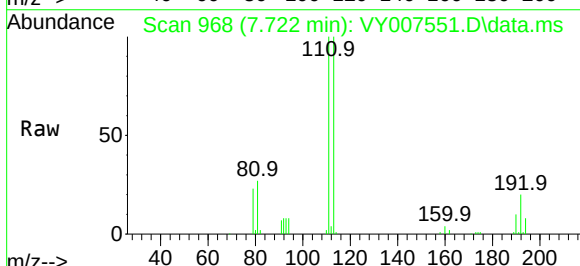
Tgt Ion:113 Resp: 40122

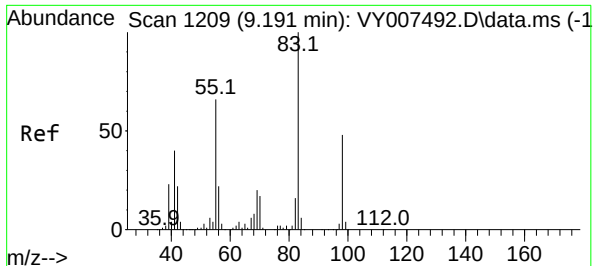
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.0 17.6 26.4





#39

Methylcyclohexane

Concen: 4.807 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007551.D

Acq: 18 Feb 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

C0AA4

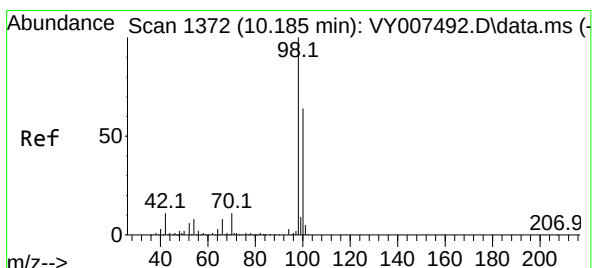
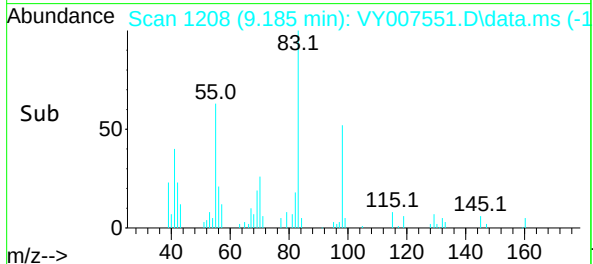
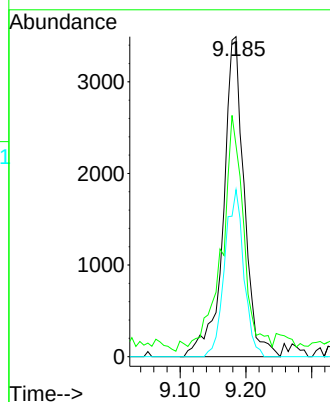
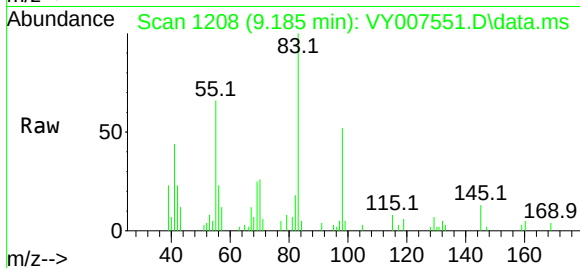
Tgt Ion: 83 Resp: 7694

Ion Ratio Lower Upper

83 100

55 61.1 66.5 99.7#

98 52.2 37.9 56.9



#50

Toluene-d8

Concen: 51.236 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007551.D

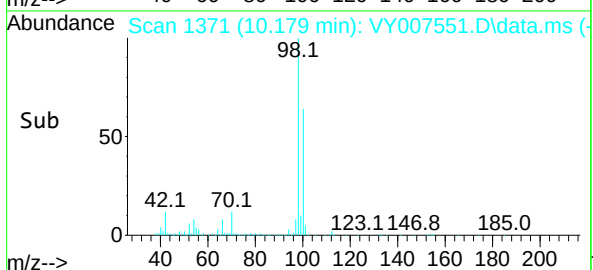
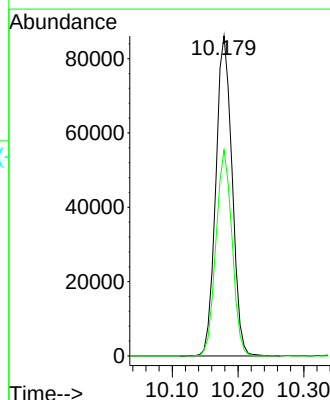
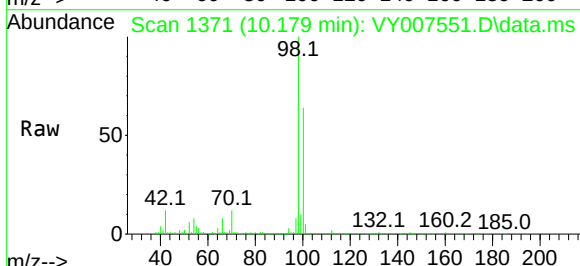
Acq: 18 Feb 2022 17:38

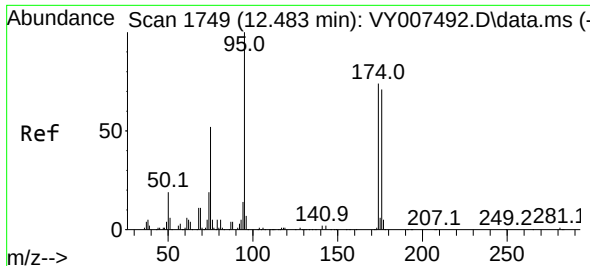
Tgt Ion: 98 Resp: 148073

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2

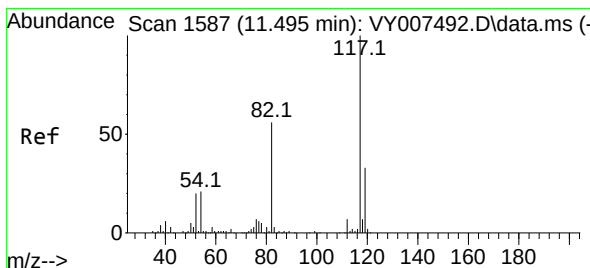
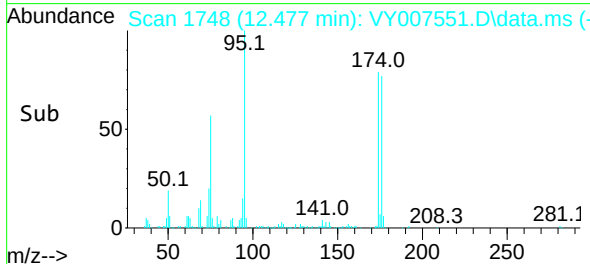
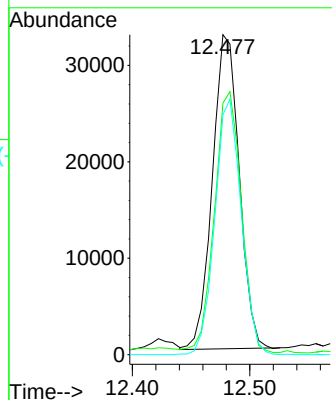
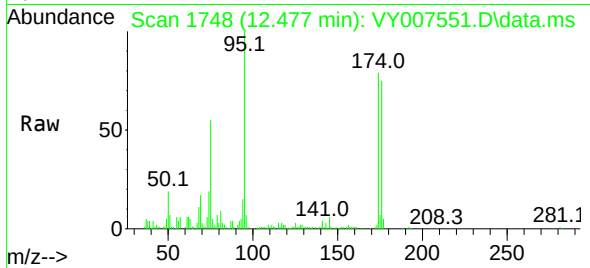




#62
4-Bromofluorobenzene
Concen: 52.760 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

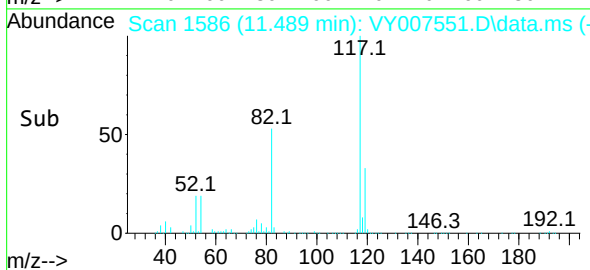
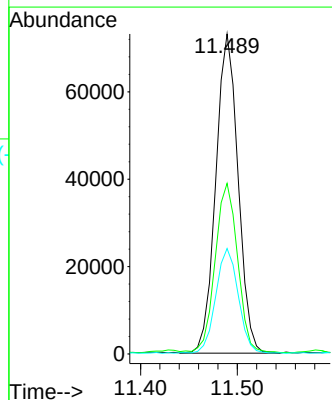
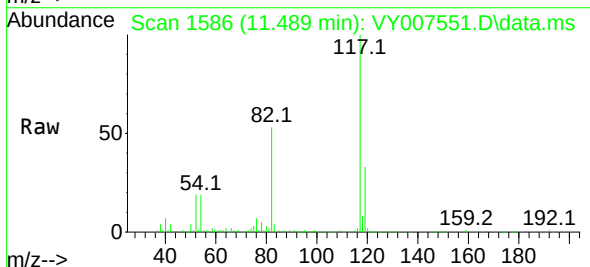
Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

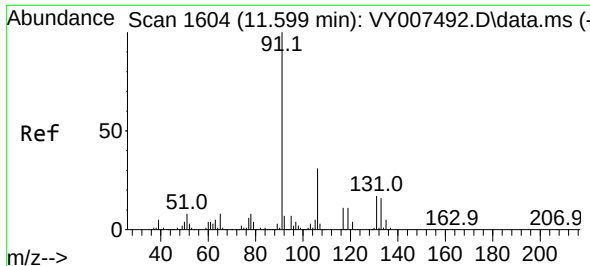
Tgt Ion: 95 Resp: 51702
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Tgt Ion: 117 Resp: 116872
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.7 25.4 38.0

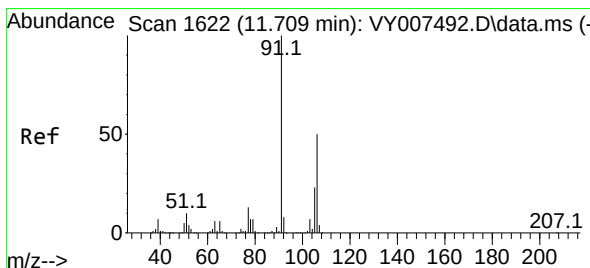
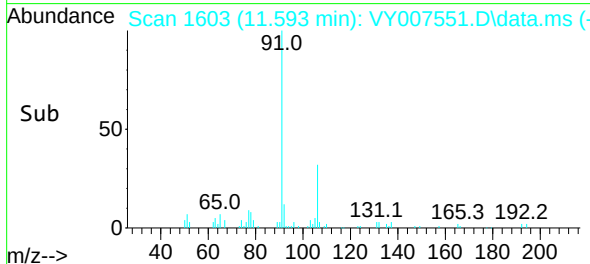
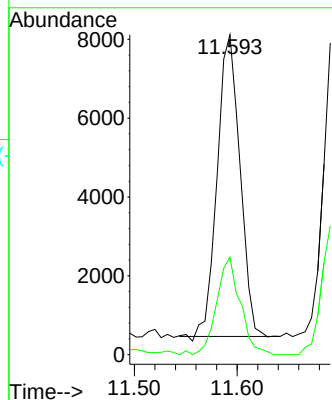
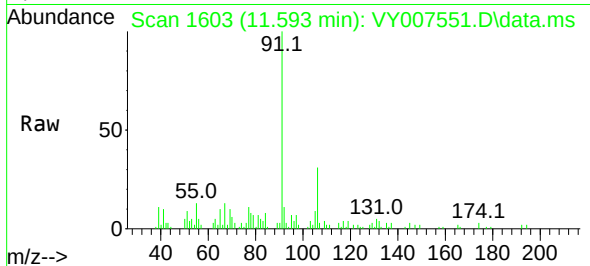




#67
Ethyl Benzene
Concen: 2.443 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

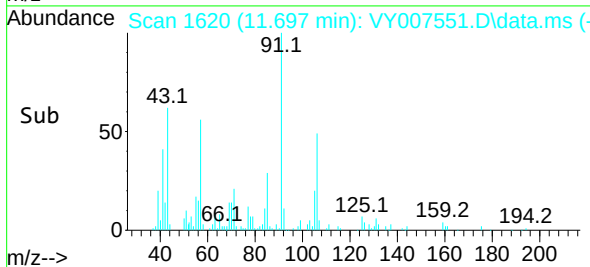
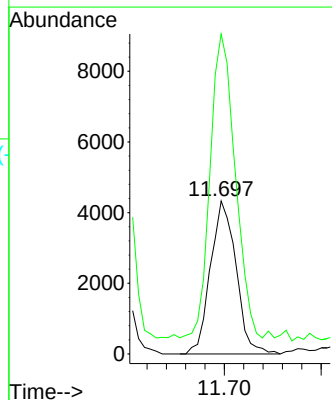
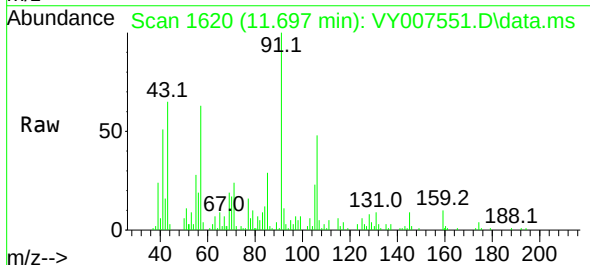
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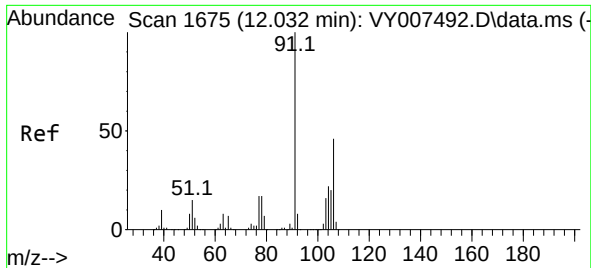
Tgt Ion: 91 Resp: 11705
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 4.392 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Tgt Ion: 106 Resp: 7963
Ion Ratio Lower Upper
106 100
91 194.0 166.6 249.8

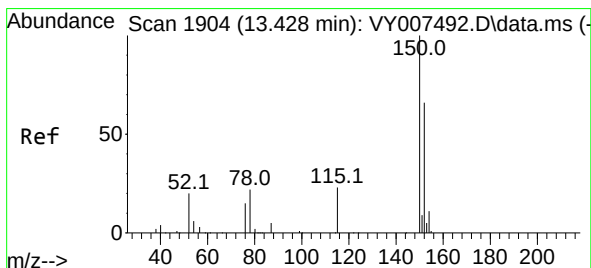
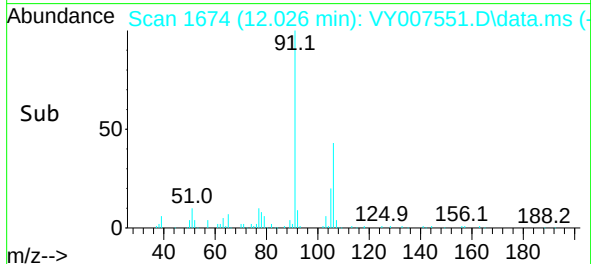
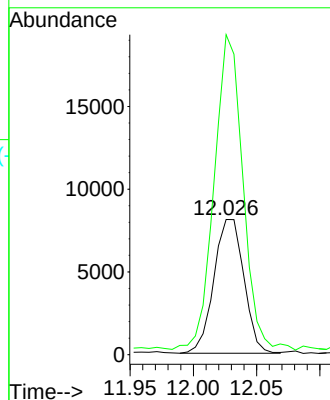
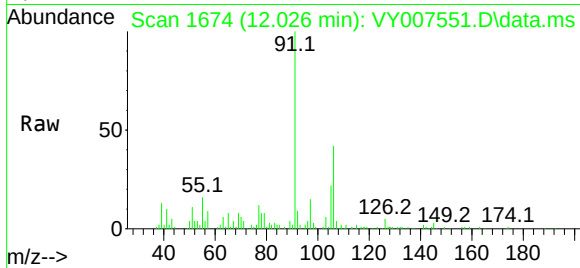




#69
o-Xylene
Concen: 7.776 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

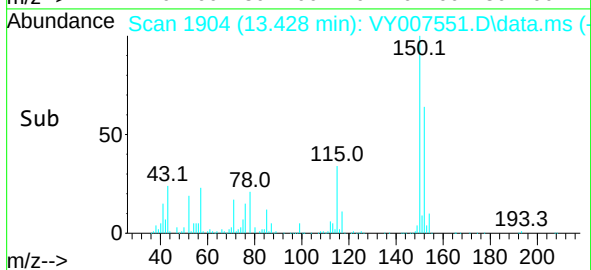
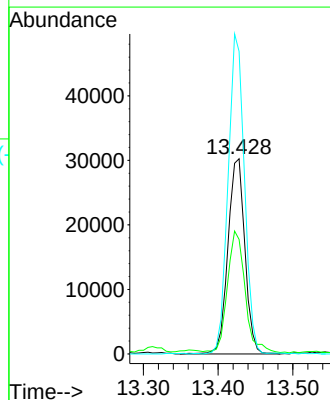
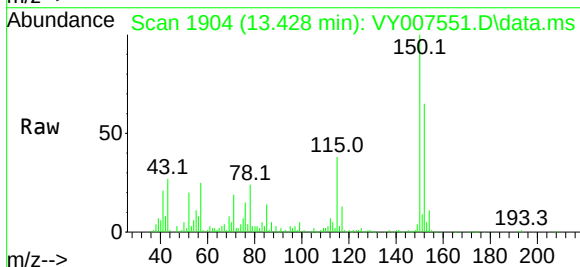
Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

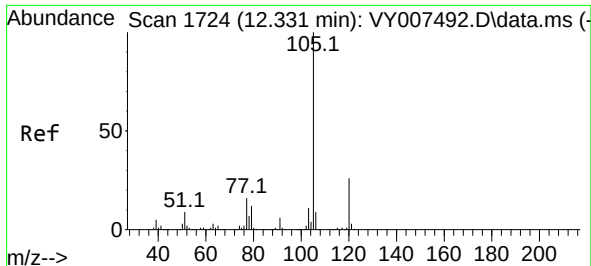
Tgt Ion:106 Resp: 13340
Ion Ratio Lower Upper
106 100
91 225.2 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Tgt Ion:152 Resp: 47858
Ion Ratio Lower Upper
152 100
115 65.0 28.2 84.7
150 156.8 0.0 347.6

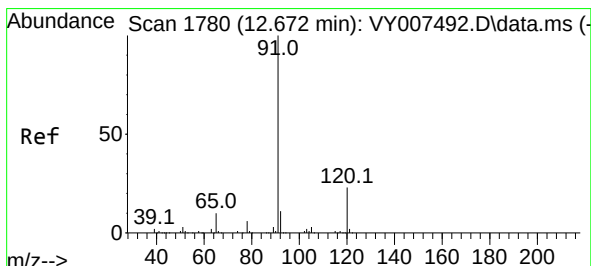
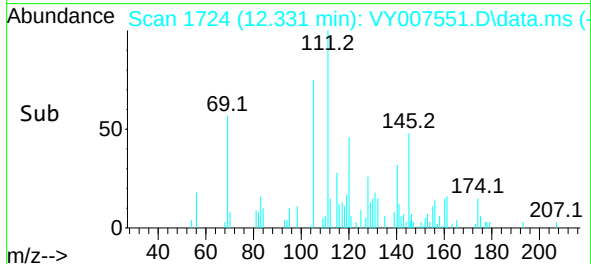
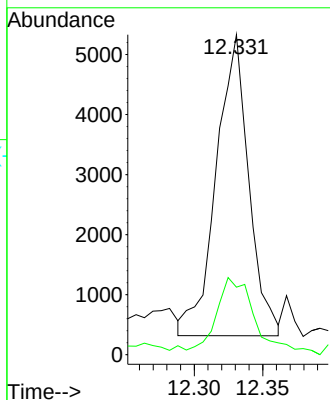
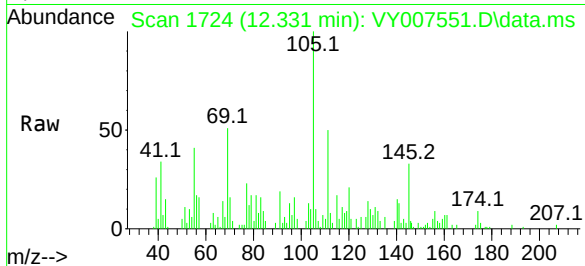




#73
Isopropylbenzene
Concen: 1.956 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

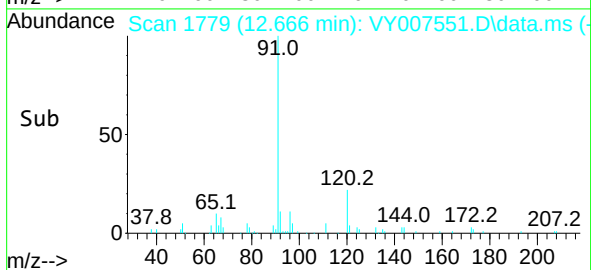
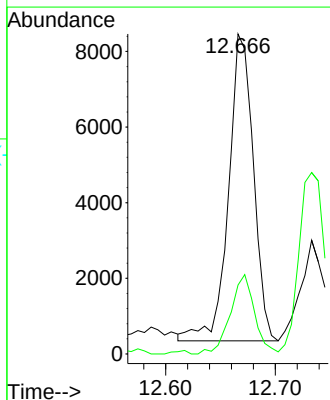
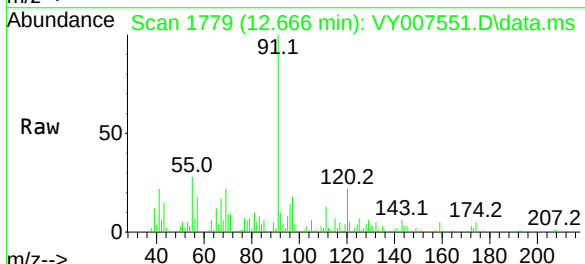
Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

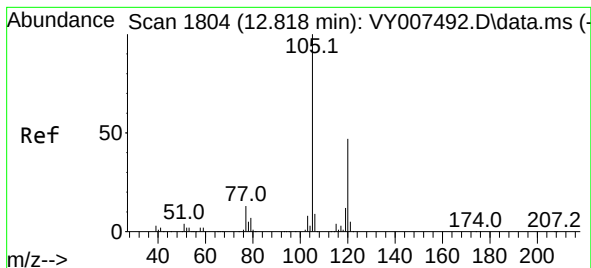
Tgt Ion:105 Resp: 8294
Ion Ratio Lower Upper
105 100
120 30.9 13.4 40.2



#78
n-propylbenzene
Concen: 2.506 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY007551.D
Acq: 18 Feb 2022 17:38

Tgt Ion: 91 Resp: 12783
Ion Ratio Lower Upper
91 100
120 25.1 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 8.071 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007551.D

Acq: 18 Feb 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

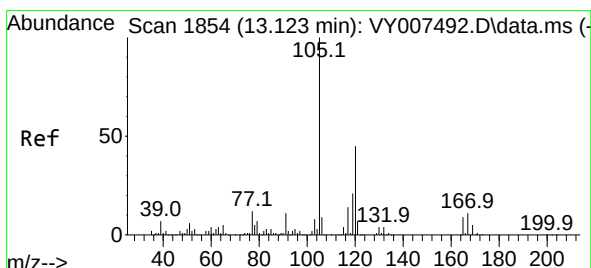
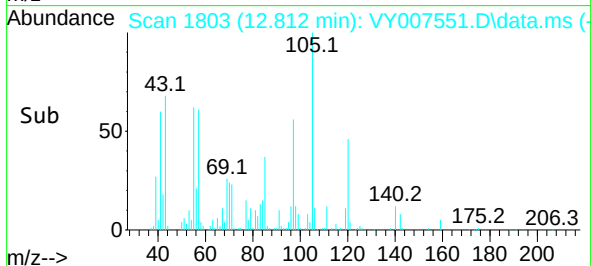
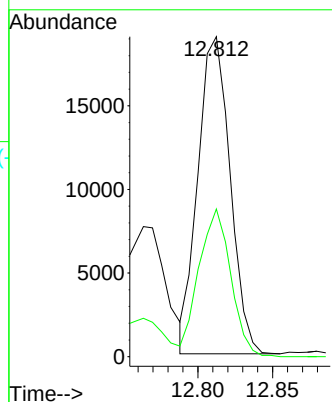
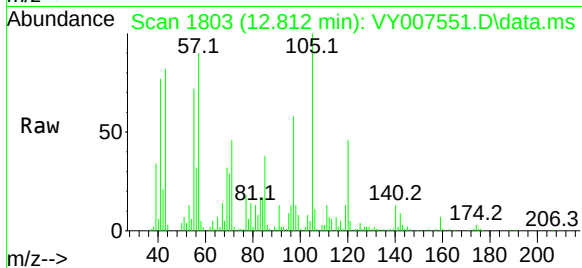
C0AA4

Tgt Ion:105 Resp: 28344

Ion Ratio Lower Upper

105 100

120 46.2 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 10.227 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007551.D

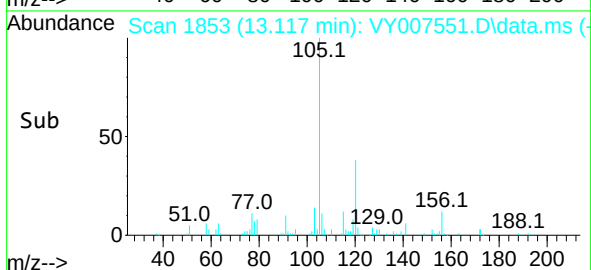
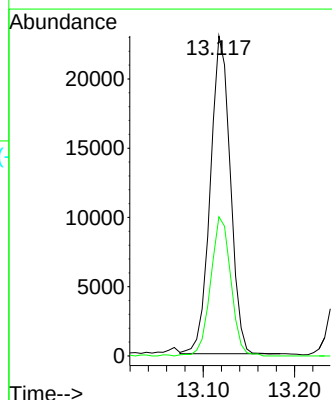
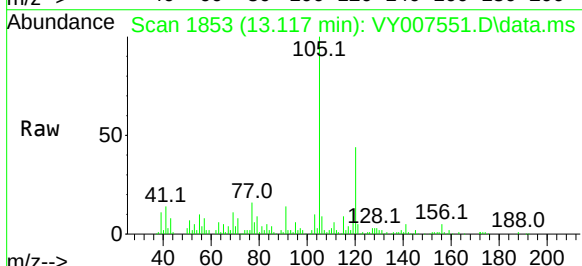
Acq: 18 Feb 2022 17:38

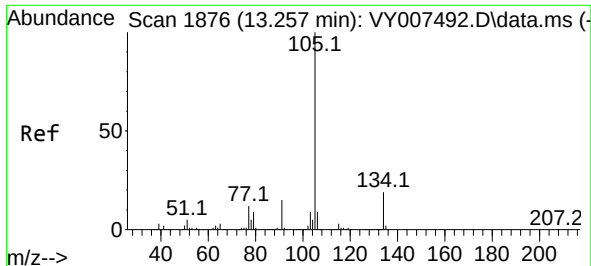
Tgt Ion:105 Resp: 34825

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9

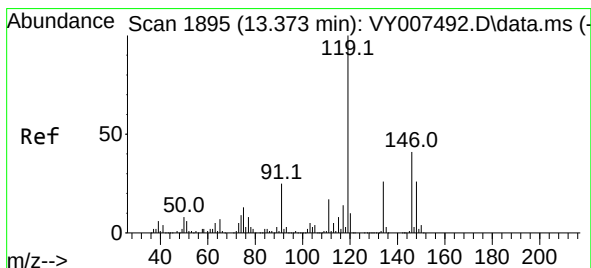
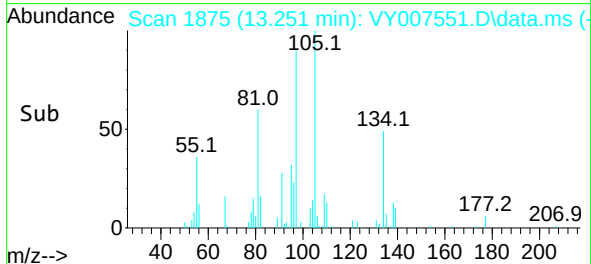
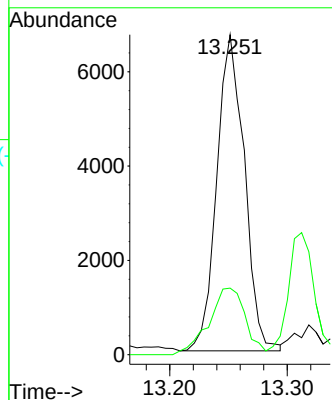
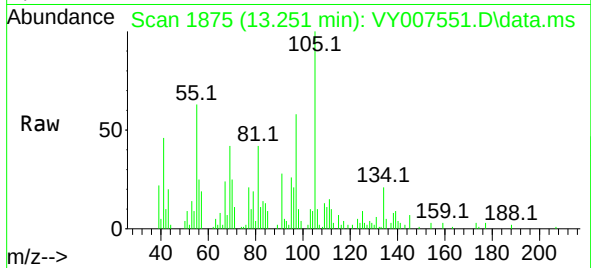




#85
 sec-Butylbenzene
 Concen: 2.423 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007551.D
 Acq: 18 Feb 2022 17:38

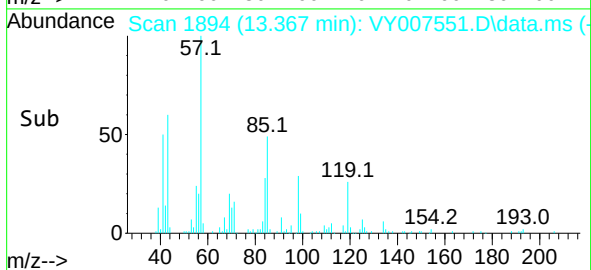
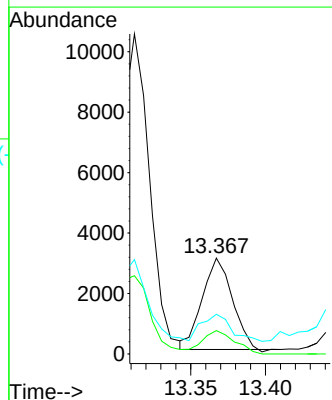
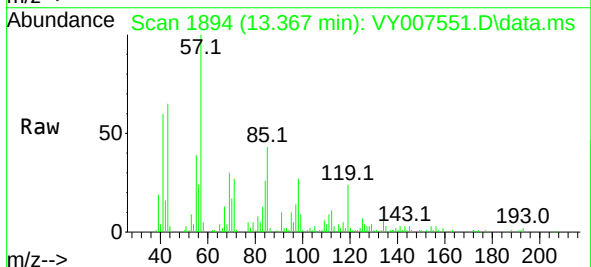
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA4

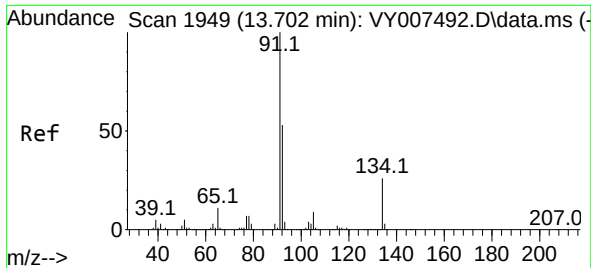
Tgt Ion:105 Resp: 10962
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.129 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007551.D
 Acq: 18 Feb 2022 17:38

Tgt Ion:119 Resp: 4209
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.2 39.5
 91 29.2 12.4 37.2





#89

n-Butylbenzene

Concen: 1.772 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007551.D

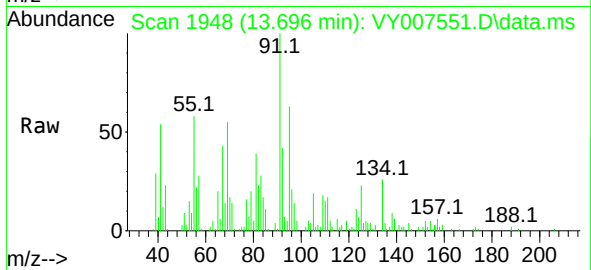
Acq: 18 Feb 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

C0AA4



Tgt Ion: 91 Resp: 6281

Ion Ratio Lower Upper

91 100

92 87.5 26.3 78.9#

134 0.0 13.0 38.9#

