

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007357.D
 Acq On : 02 Feb 2022 16:21
 Operator : SY/MD
 Sample : N1303-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-6

Quant Time: Feb 02 16:44:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y02022221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 16:01:48 2022
 Response via : Initial Calibration

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

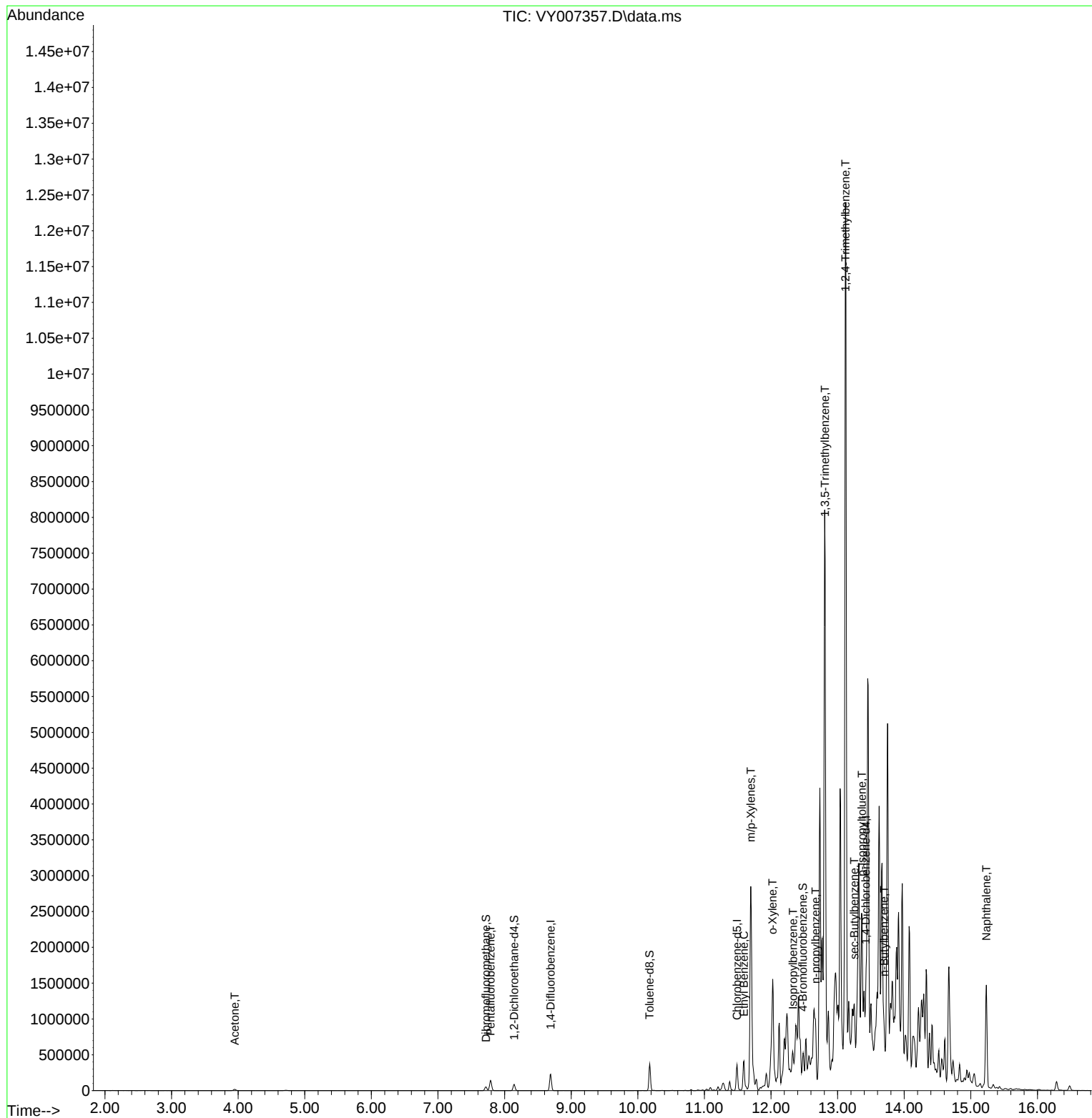
Internal Standards						
1) Pentafluorobenzene	7.789	168	102985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67178	56.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.420%	
35) Dibromofluoromethane	7.722	113	37576	30.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 60.600%	
50) Toluene-d8	10.179	98	236927	51.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.477	95	101062	64.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 129.780%	
Target Compounds						Qvalue
16) Acetone	3.948	43	30815	80.097	ug/l	92
67) Ethyl Benzene	11.593	91	281271	36.061	ug/l	99
68) m/p-Xylenes	11.697	106	771824	267.175	ug/l	99
69) o-Xylene	12.026	106	338932	124.092	ug/l	99
73) Isopropylbenzene	12.331	105	148115	19.443	ug/l	98
78) n-propylbenzene	12.672	91	577660	62.603	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1848846	297.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	6185217	1010.825	ug/l	100
85) sec-Butylbenzene	13.251	105	233257	28.744	ug/l #	71
86) p-Isopropyltoluene	13.367	119	421430	63.751	ug/l	99
89) n-Butylbenzene	13.696	91	258056	40.559	ug/l #	70
95) Naphthalene	15.233	128	1132750	336.097	ug/l	99

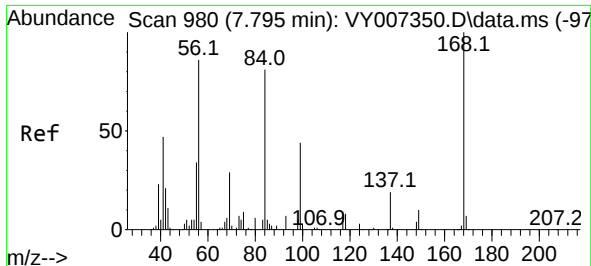
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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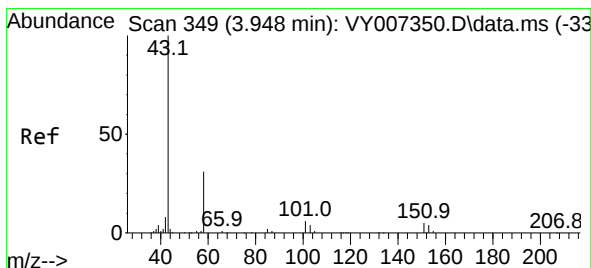
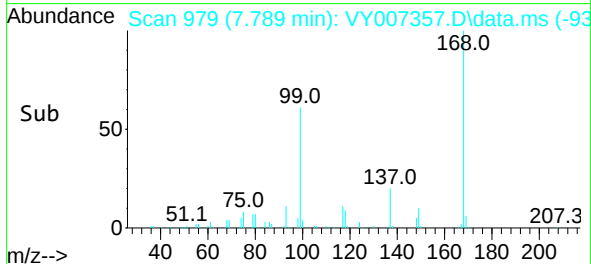
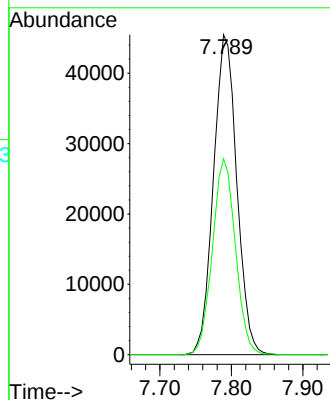
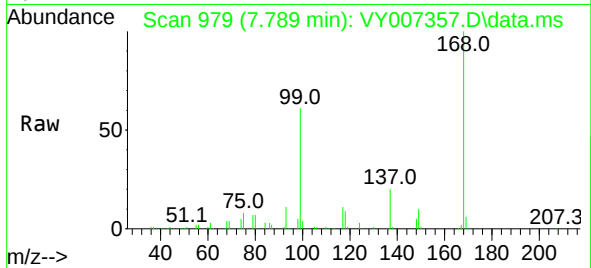




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

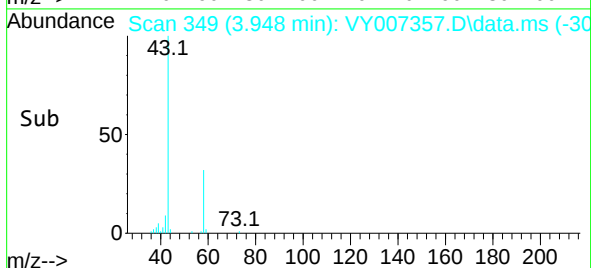
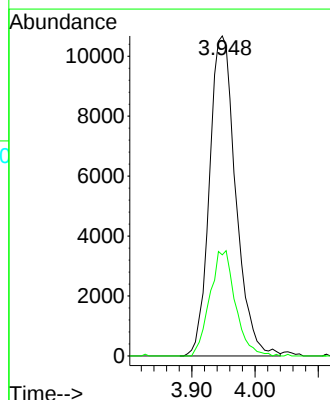
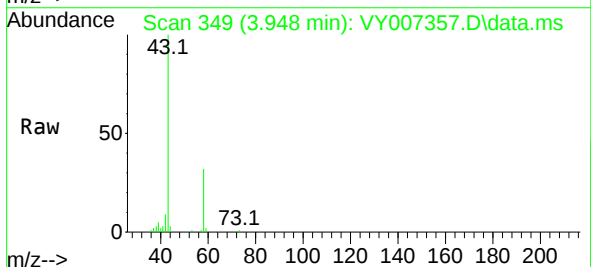
Instrument :
MSVOA_Y
ClientSampleId :
CC-6

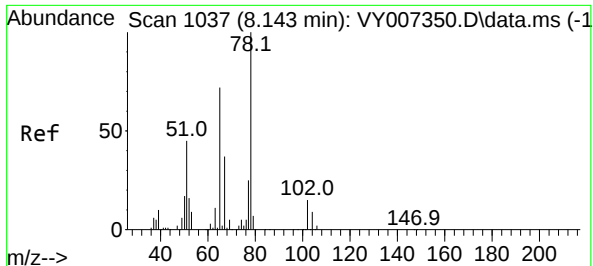
Tgt Ion:168 Resp: 102985
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#16
Acetone
Concen: 80.097 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

Tgt Ion: 43 Resp: 30815
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 56.710 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007357.D

Acq: 02 Feb 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

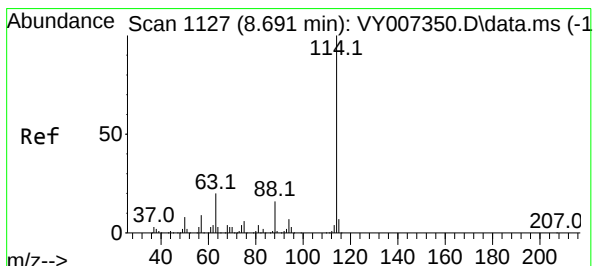
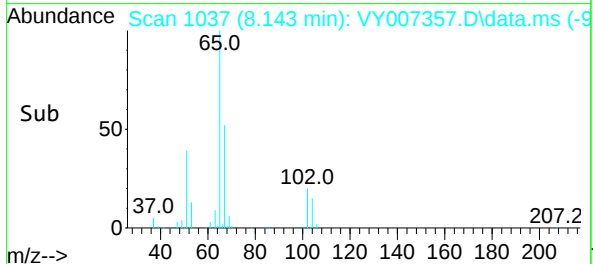
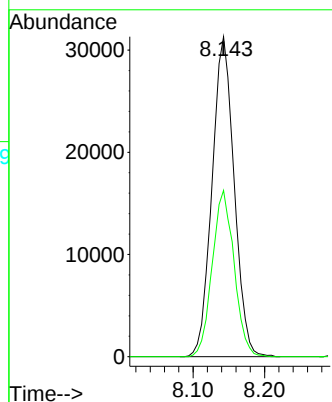
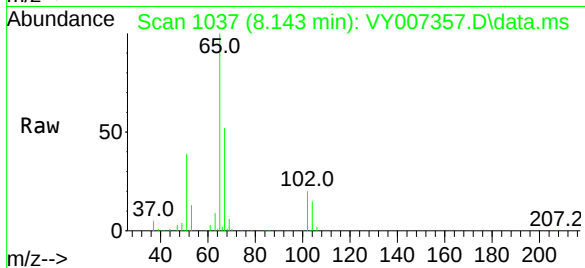
CC-6

Tgt Ion: 65 Resp: 67178

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: VY007357.D

Acq: 02 Feb 2022 16:21

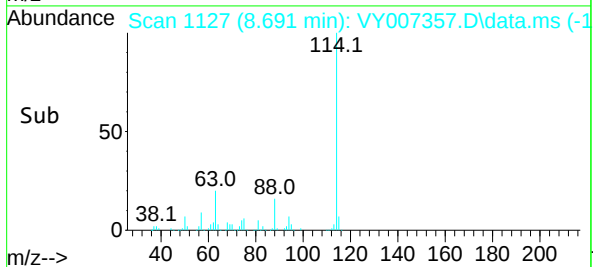
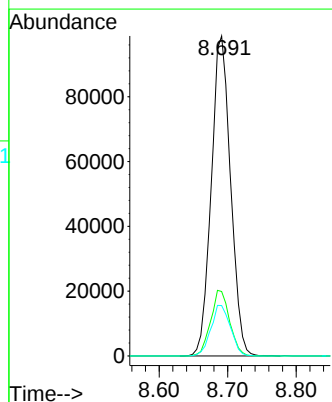
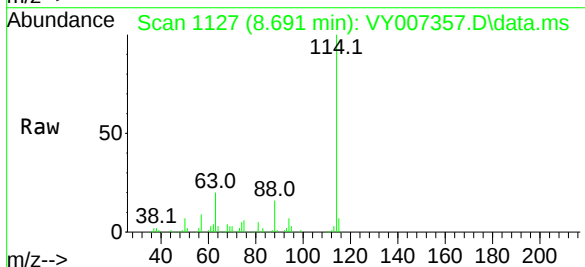
Tgt Ion: 114 Resp: 193156

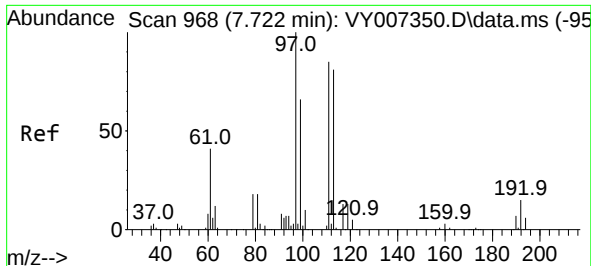
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.8 0.0 31.8

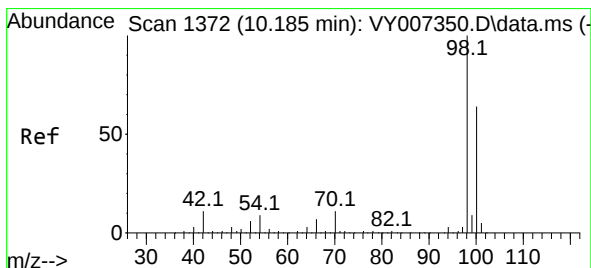
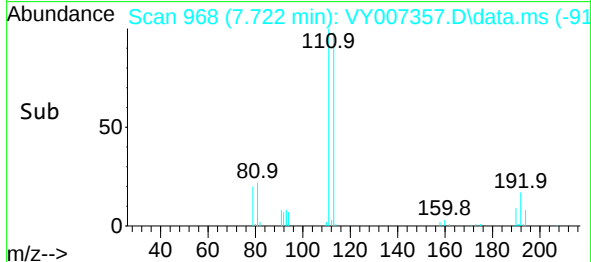
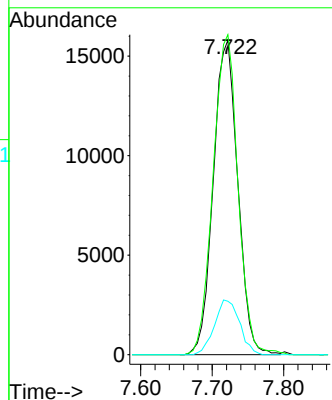
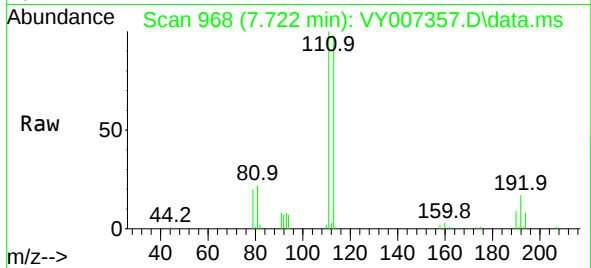




#35
Dibromofluoromethane
Concen: 30.295 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

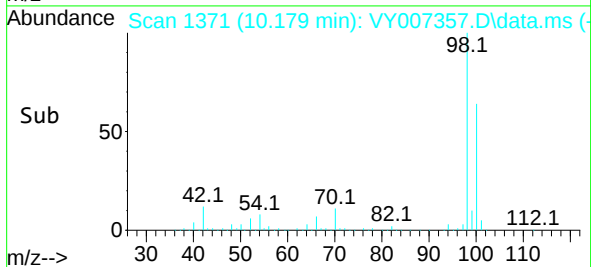
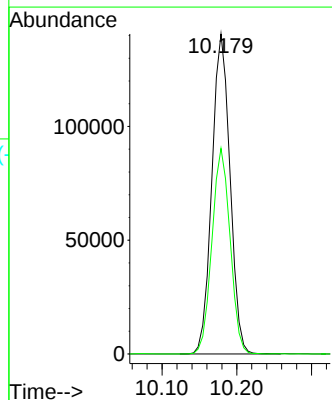
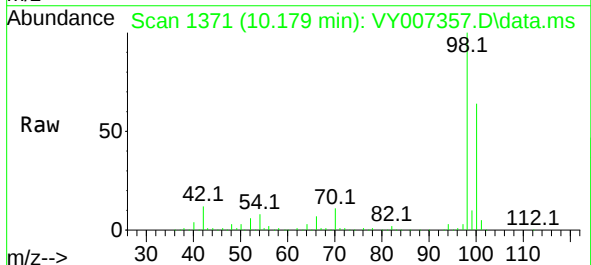
Instrument :
MSVOA_Y
ClientSampleId :
CC-6

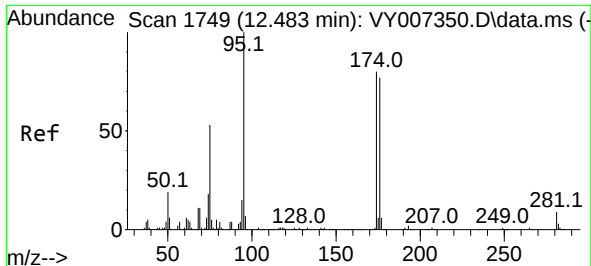
Tgt Ion:113 Resp: 37576
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.9 17.6 26.4



#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

Tgt Ion: 98 Resp: 236927
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

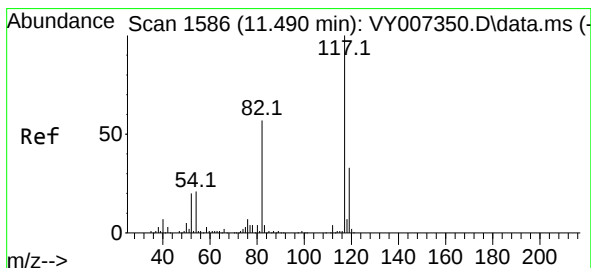
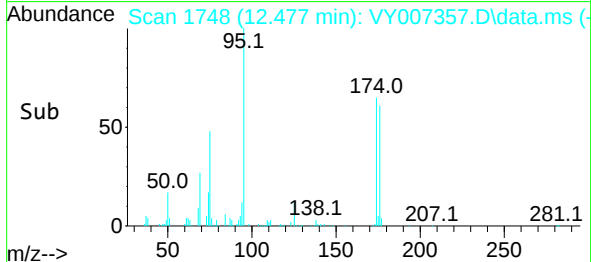
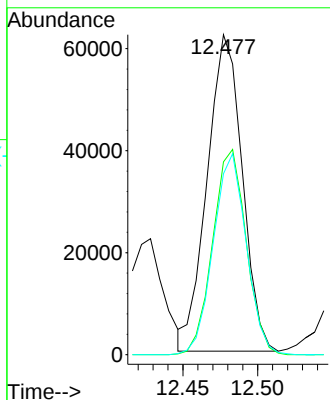
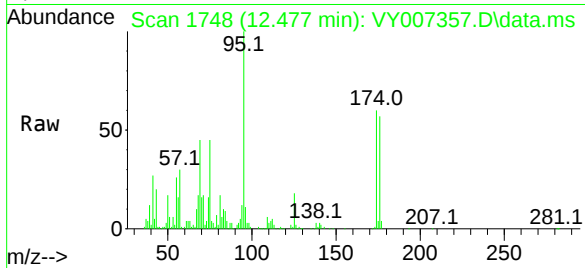




#62
4-Bromofluorobenzene
Concen: 64.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

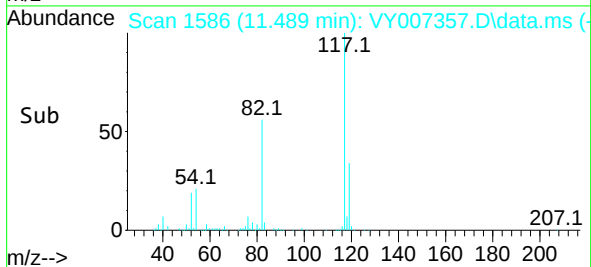
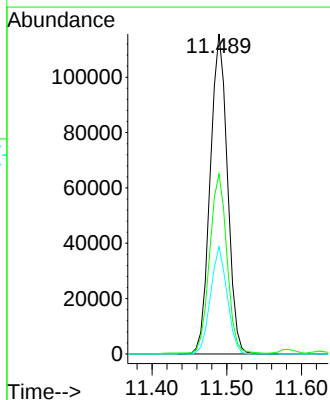
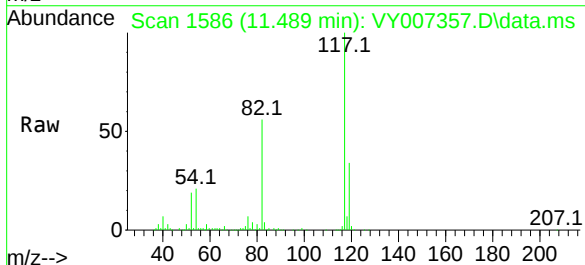
Instrument :
MSVOA_Y
ClientSampleId :
CC-6

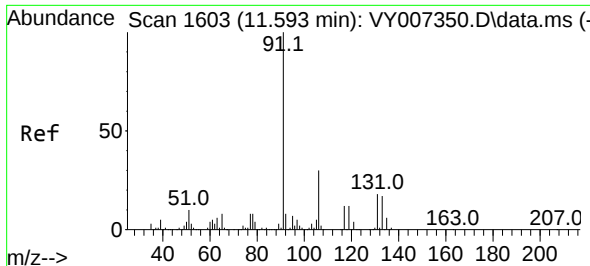
Tgt Ion: 95 Resp: 101062
Ion Ratio Lower Upper
95 100
174 62.0 0.0 177.0
176 59.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

Tgt Ion: 117 Resp: 184769
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 33.5 25.4 38.0





#67

Ethyl Benzene

Concen: 36.061 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007357.D

Acq: 02 Feb 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

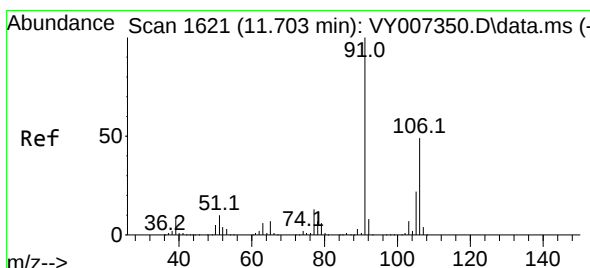
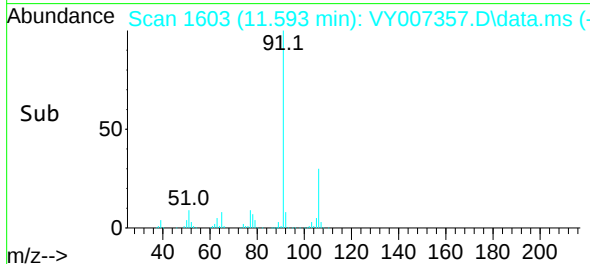
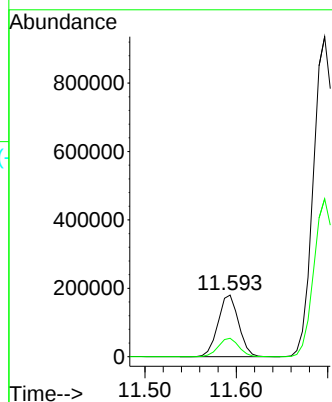
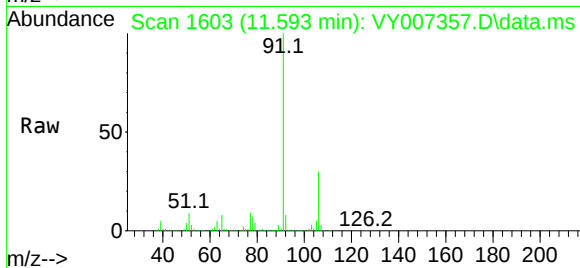
CC-6

Tgt Ion: 91 Resp: 281271

Ion Ratio Lower Upper

91 100

106 30.0 24.5 36.7



#68

m/p-Xylenes

Concen: 267.175 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY007357.D

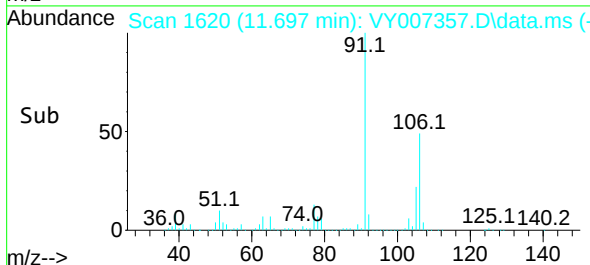
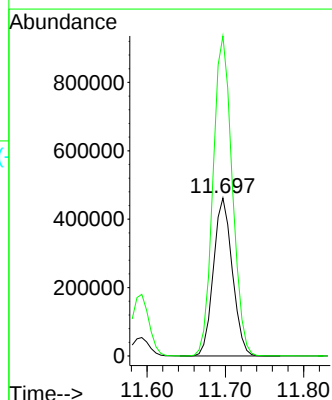
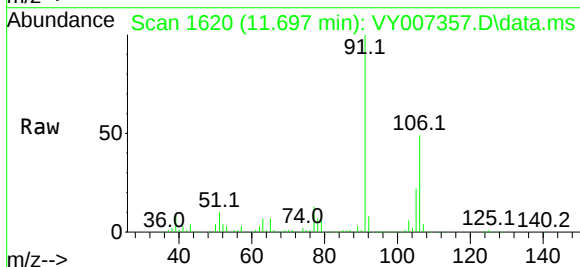
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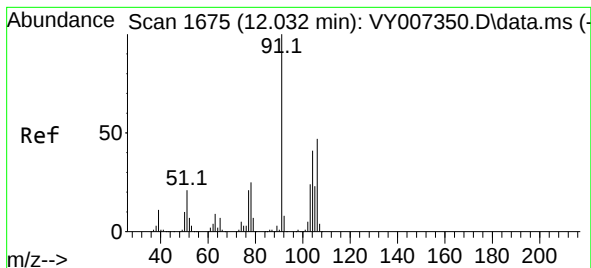
Tgt Ion:106 Resp: 771824

Ion Ratio Lower Upper

106 100

91 206.2 166.6 249.8





#69

o-Xylene

Concen: 124.092 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007357.D

Acq: 02 Feb 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

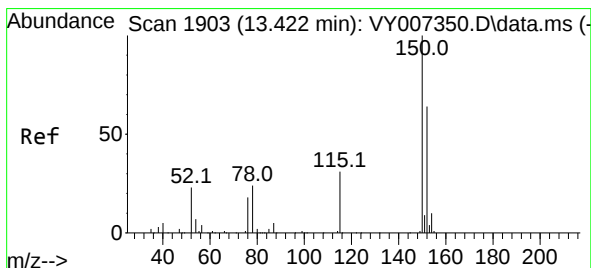
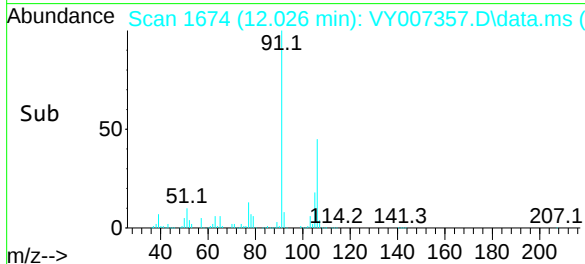
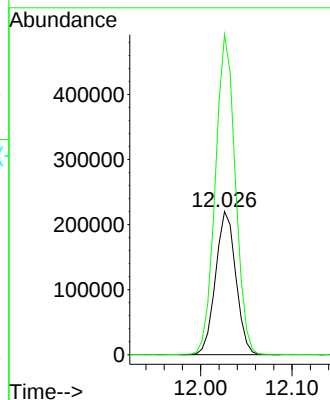
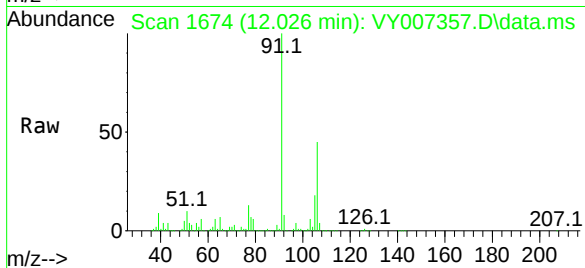
CC-6

Tgt Ion:106 Resp: 338932

Ion Ratio Lower Upper

106 100

91 221.6 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007357.D

Acq: 02 Feb 2022 16:21

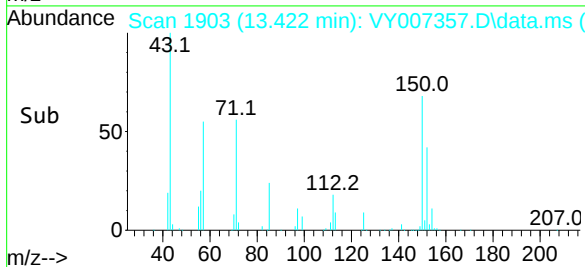
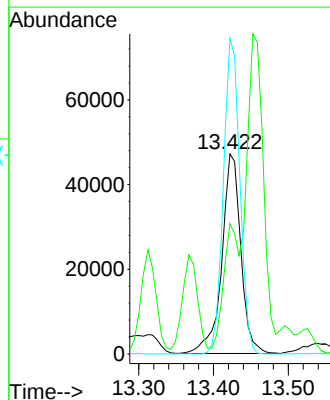
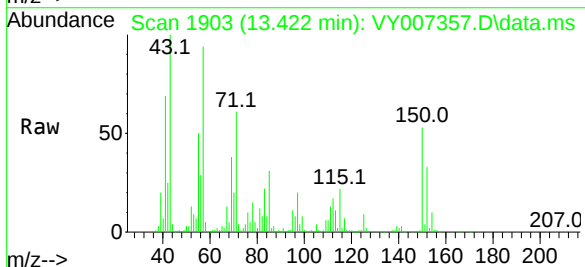
Tgt Ion:152 Resp: 83356

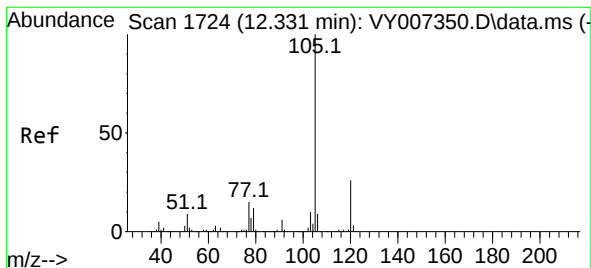
Ion Ratio Lower Upper

152 100

115 49.2 28.2 84.7

150 136.8 0.0 347.6





#73

Isopropylbenzene

Concen: 19.443 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY007357.D

Acq: 02 Feb 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

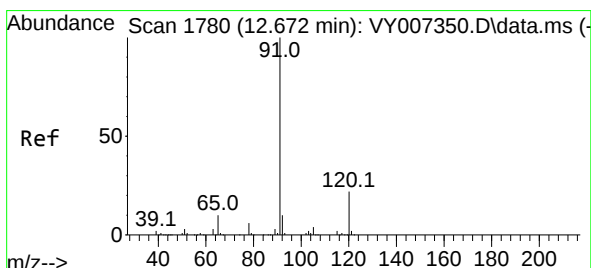
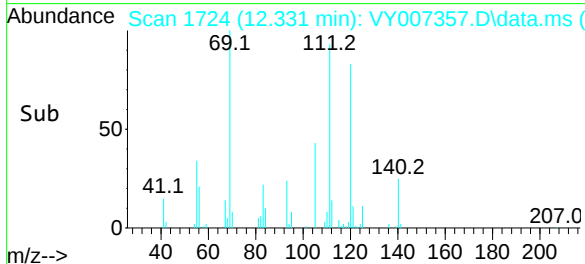
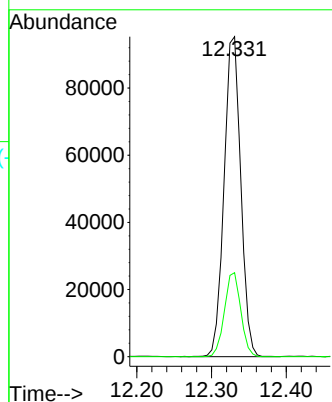
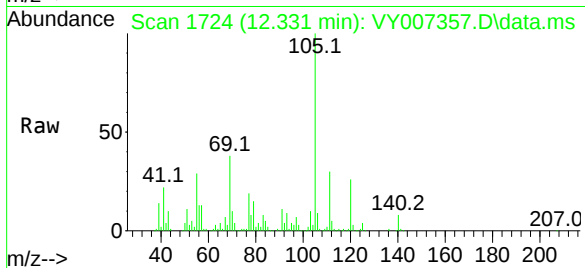
CC-6

Tgt Ion:105 Resp: 148115

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.2



#78

n-propylbenzene

Concen: 62.603 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007357.D

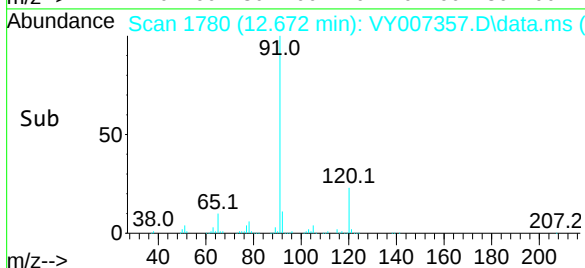
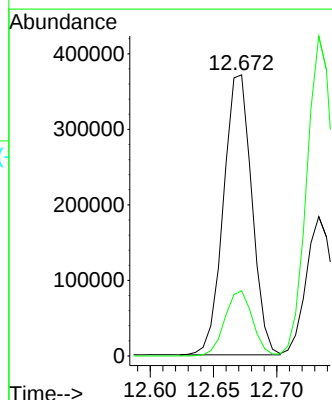
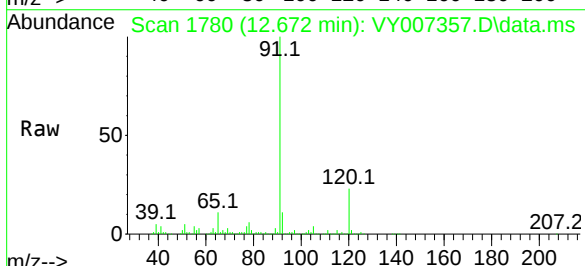
Acq: 02 Feb 2022 16:21

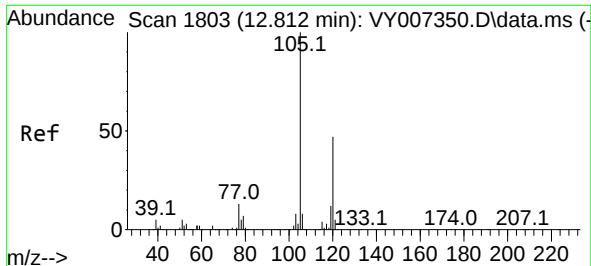
Tgt Ion: 91 Resp: 577660

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

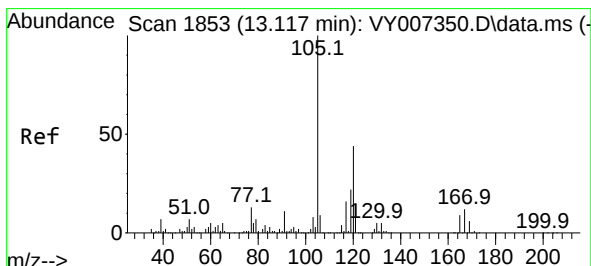
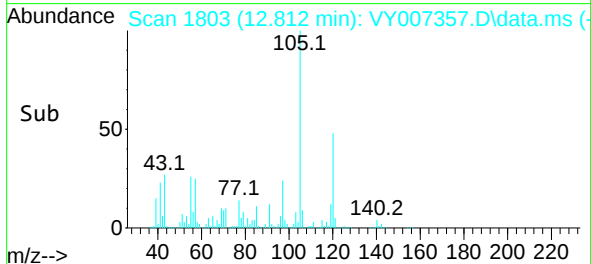
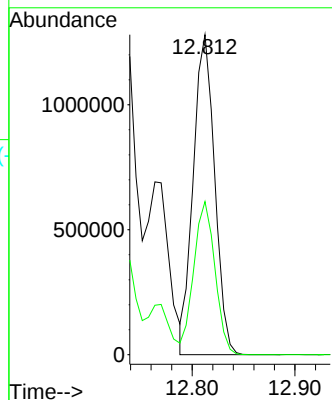
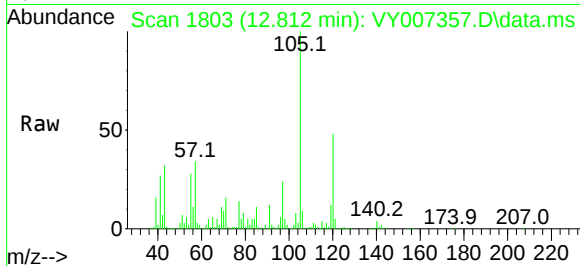




#80
 1,3,5-Trimethylbenzene
 Concen: 297.496 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY007357.D
 Acq: 02 Feb 2022 16:21

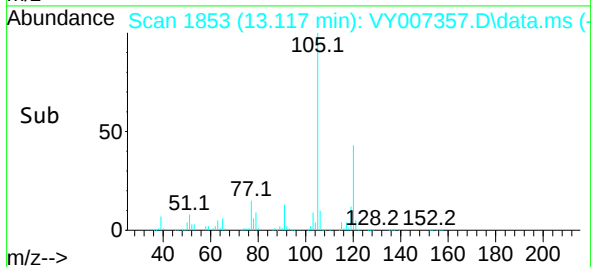
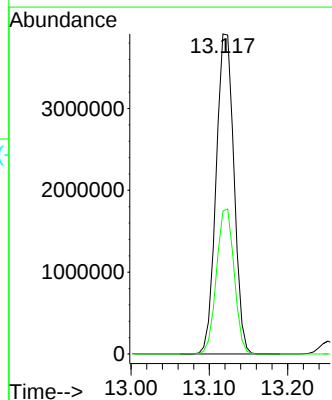
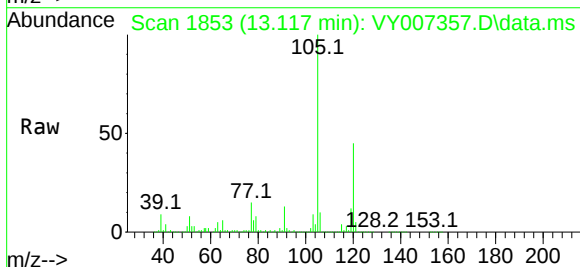
Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-6

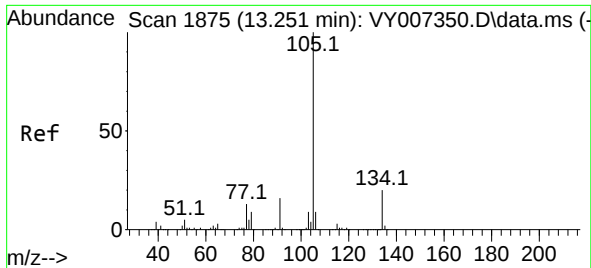
Tgt Ion:105 Resp: 1848846
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1010.825 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY007357.D
 Acq: 02 Feb 2022 16:21

Tgt Ion:105 Resp: 6185217
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.9

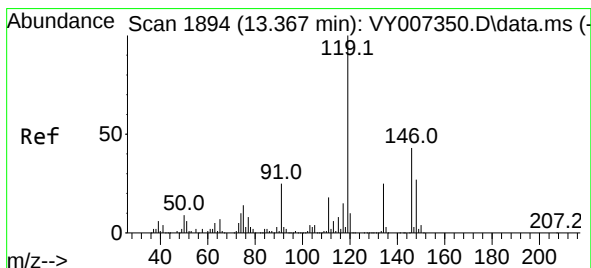
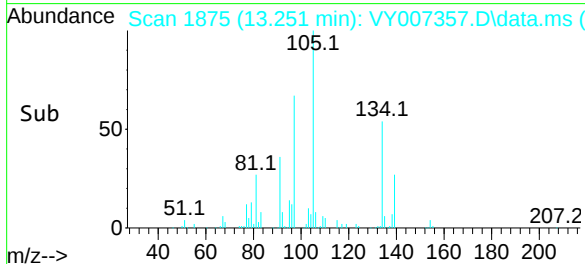
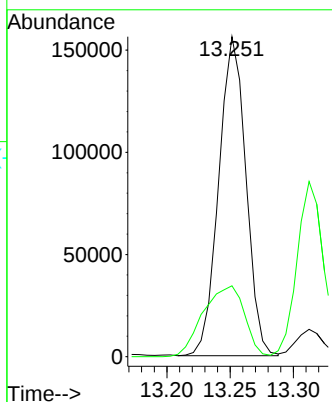
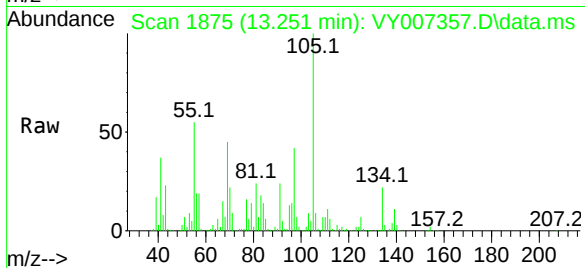




#85
 sec-Butylbenzene
 Concen: 28.744 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007357.D
 Acq: 02 Feb 2022 16:21

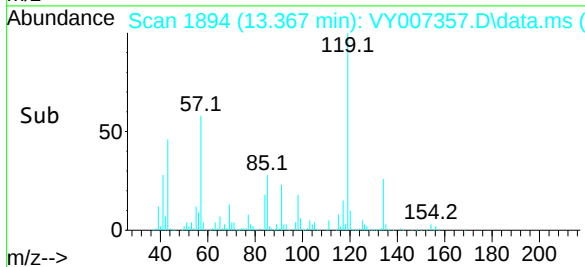
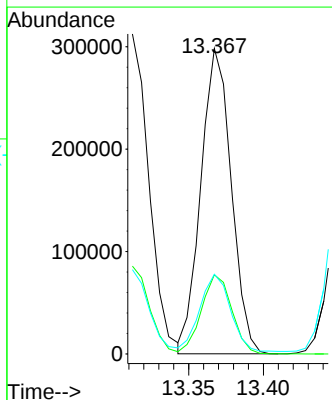
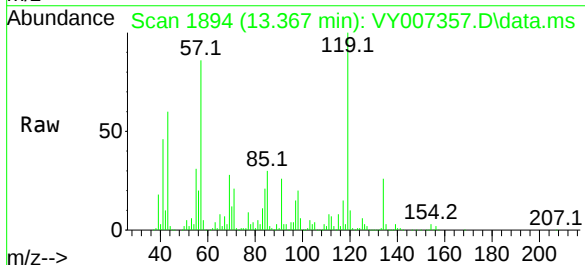
Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-6

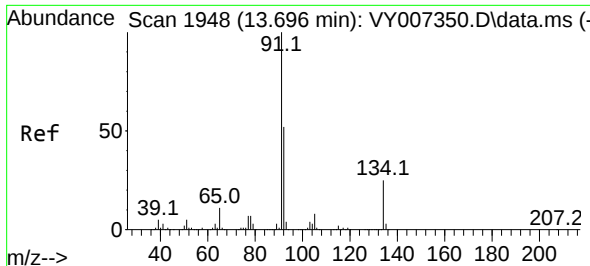
Tgt Ion:105 Resp: 233257
 Ion Ratio Lower Upper
 105 100
 134 33.8 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 63.751 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007357.D
 Acq: 02 Feb 2022 16:21

Tgt Ion:119 Resp: 421430
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.2 12.4 37.2

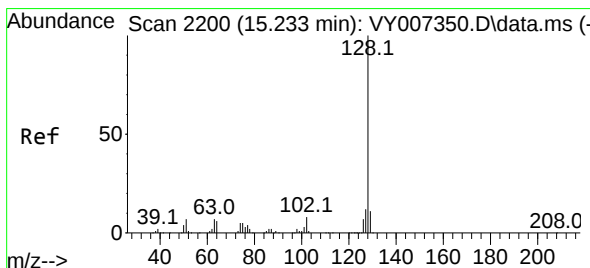
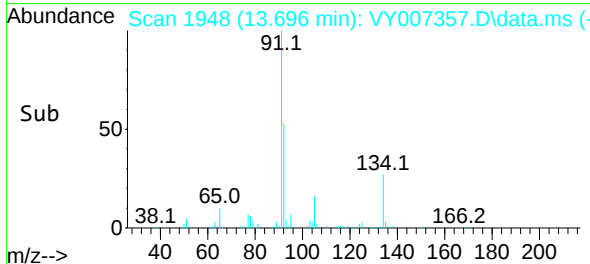
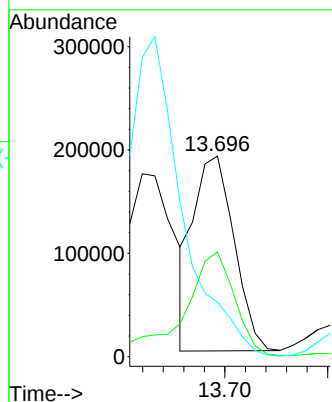
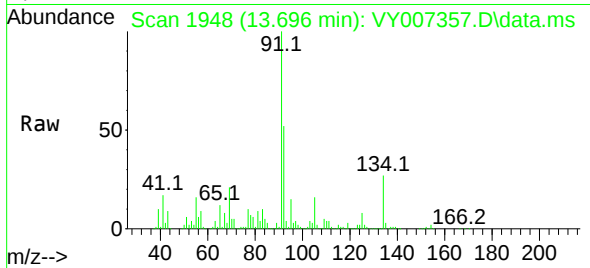




#89
n-Butylbenzene
Concen: 40.559 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
CC-6

Tgt Ion: 91 Resp: 258056
Ion Ratio Lower Upper
91 100
92 66.7 26.3 78.9
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 336.097 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007357.D
Acq: 02 Feb 2022 16:21

Tgt Ion: 128 Resp: 1132750
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.9 8.4 12.6

