

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007358.D
 Acq On : 02 Feb 2022 16:45
 Operator : SY/MD
 Sample : N1303-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-8

Quant Time: Feb 02 17:21:16 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)

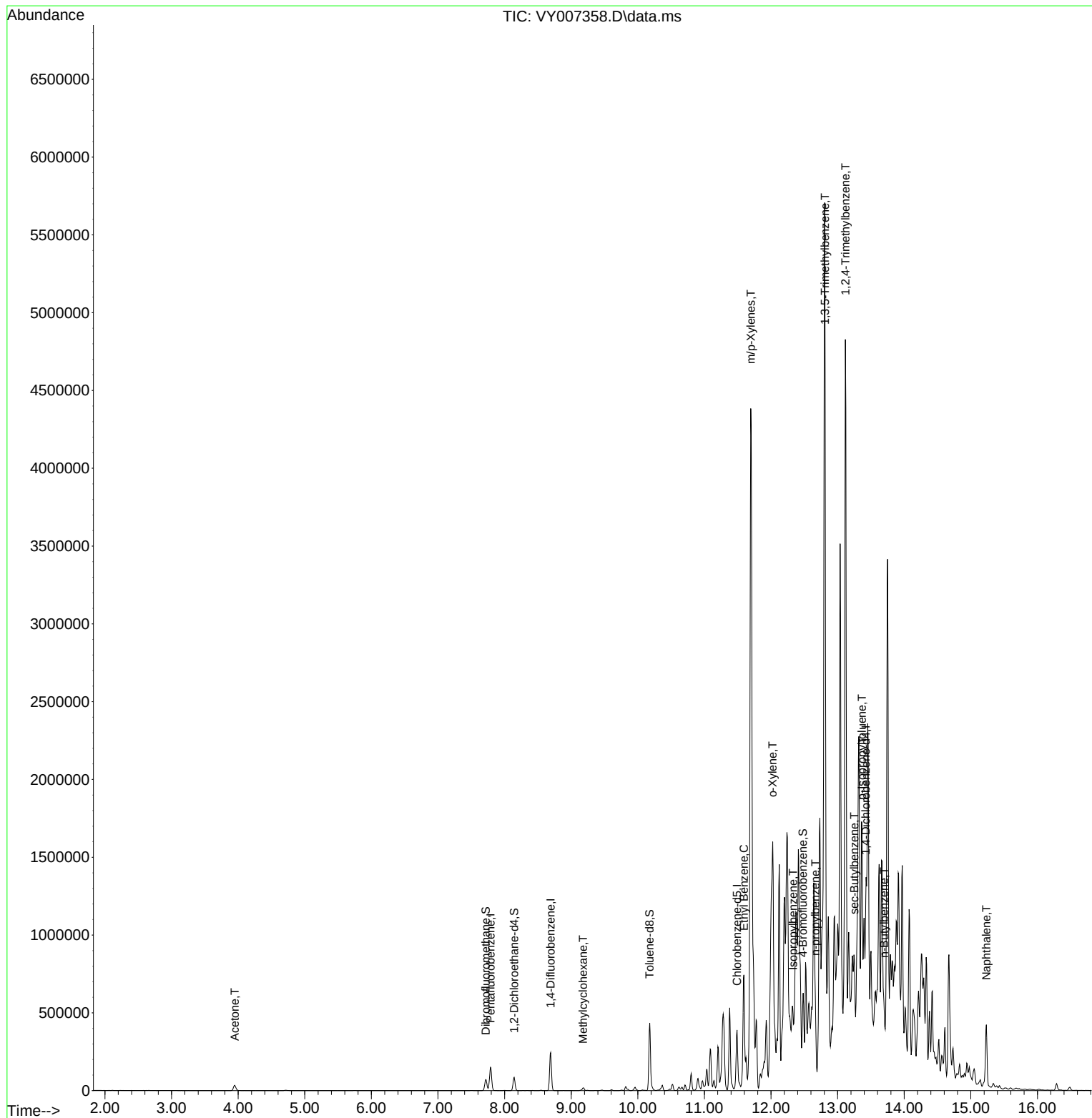
Internal Standards						
1) Pentafluorobenzene	7.789	168	108786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65440	52.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.600%	
35) Dibromofluoromethane	7.716	113	50778	38.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.220%	
50) Toluene-d8	10.179	98	253685	52.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.477	95	113834	68.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	58353	143.588	ug/l #	89
39) Methylcyclohexane	9.179	83	7512	2.602	ug/l	96
67) Ethyl Benzene	11.593	91	492422	60.633	ug/l	100
68) m/p-Xylenes	11.697	106	1105748	367.612	ug/l	98
69) o-Xylene	12.026	106	307884	108.262	ug/l	100
73) Isopropylbenzene	12.331	105	80221	9.976	ug/l	98
78) n-propylbenzene	12.666	91	220559	22.645	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	715850	109.124	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	2215777	343.056	ug/l	99
85) sec-Butylbenzene	13.251	105	110013	12.843	ug/l #	68
86) p-Isopropyltoluene	13.367	119	184989	26.511	ug/l	99
89) n-Butylbenzene	13.696	91	112755	16.789	ug/l #	66
95) Naphthalene	15.233	128	317737	89.313	ug/l	99

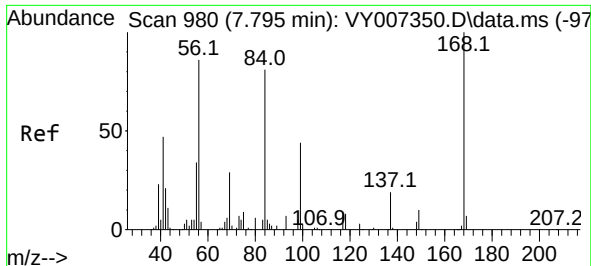
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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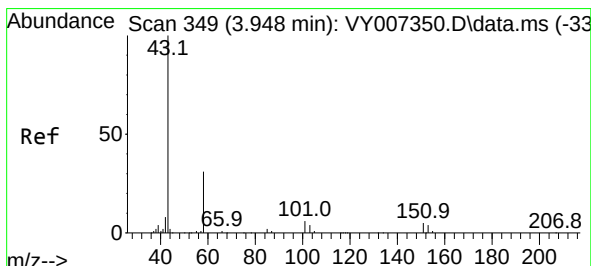
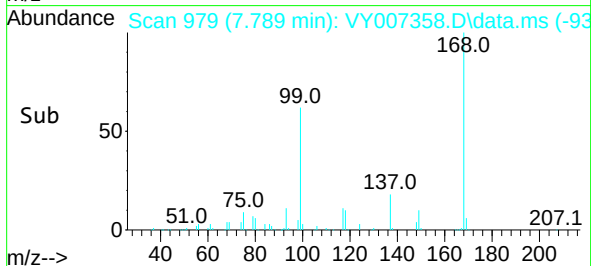
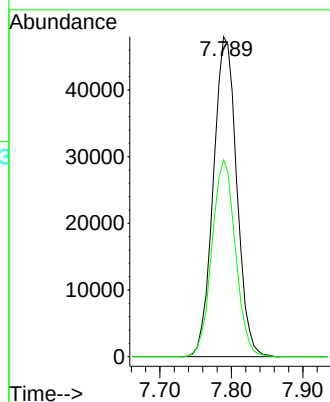
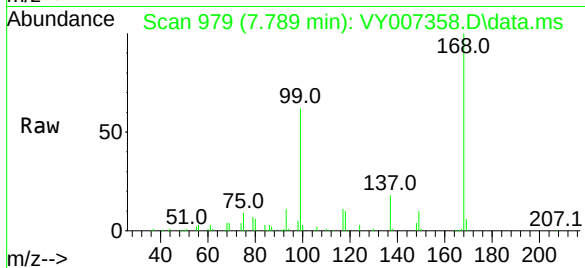




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

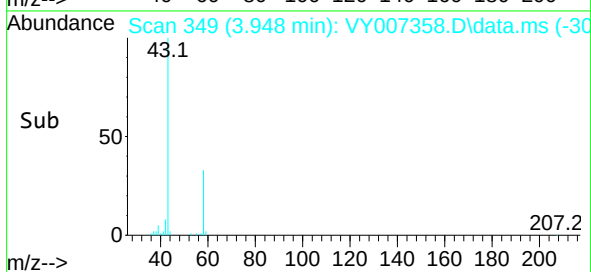
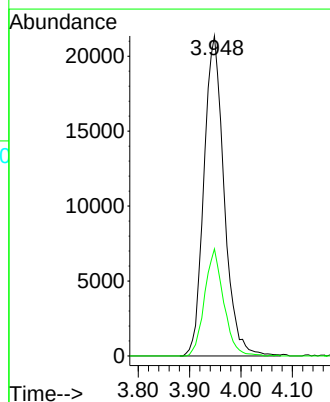
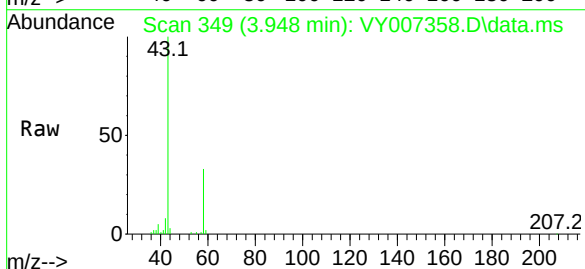
Instrument :
MSVOA_Y
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CC-8

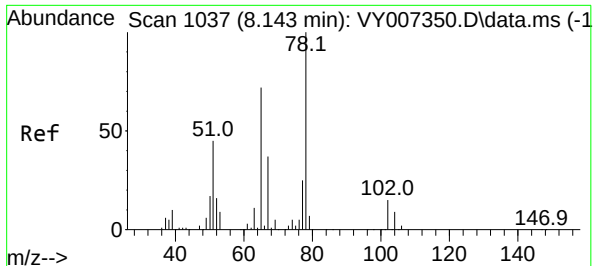
Tgt Ion:168 Resp: 108786
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#16
Acetone
Concen: 143.588 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion: 43 Resp: 58353
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 52.297 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007358.D

Acq: 02 Feb 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

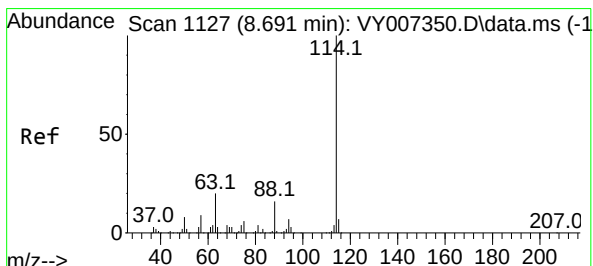
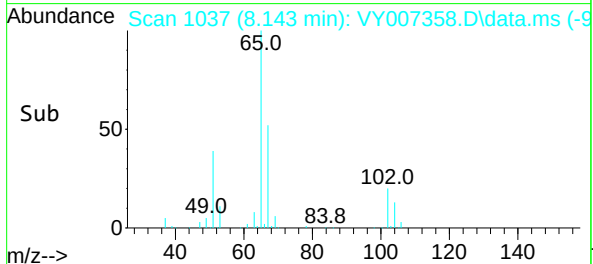
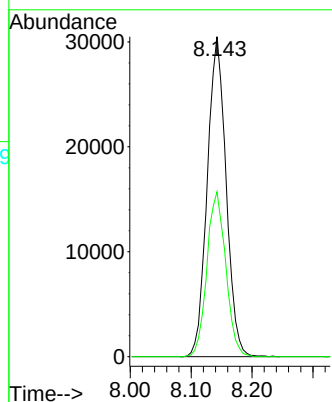
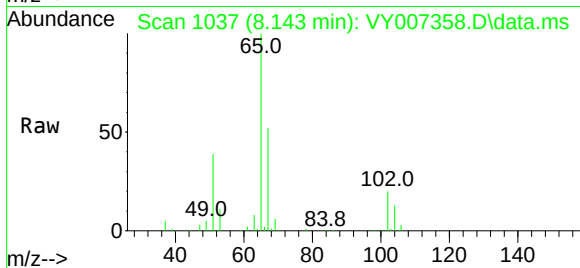
CC-8

Tgt Ion: 65 Resp: 65440

Ion Ratio Lower Upper

65 100

67 51.5 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: VY007358.D

Acq: 02 Feb 2022 16:45

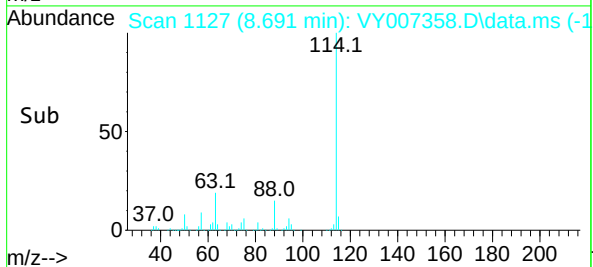
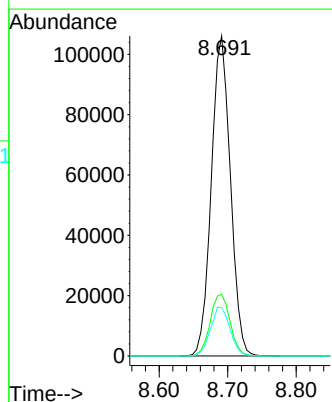
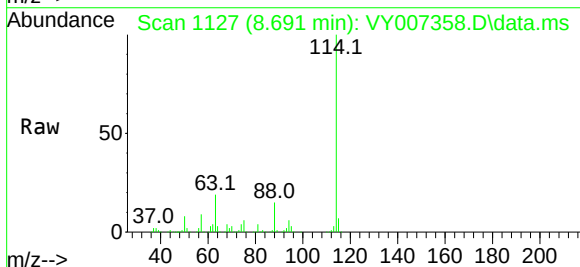
Tgt Ion: 114 Resp: 204783

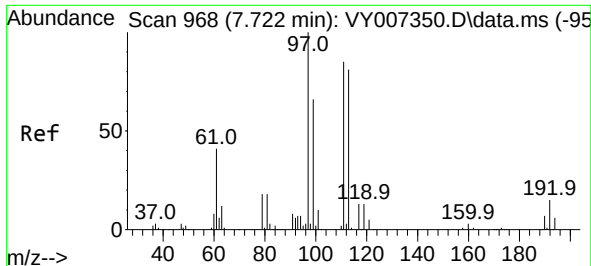
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8

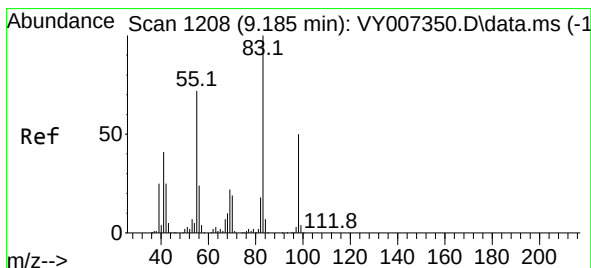
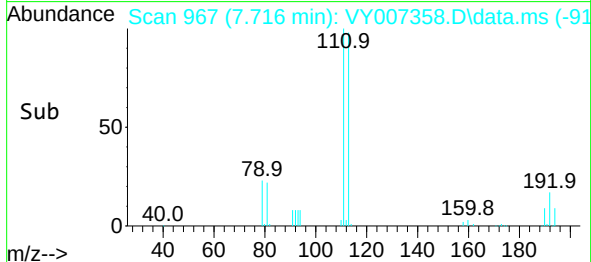
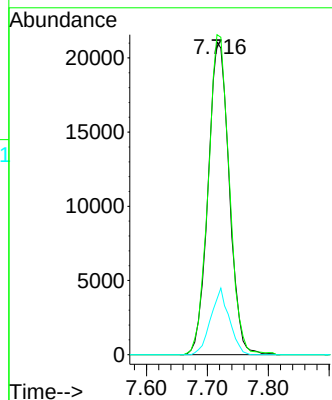
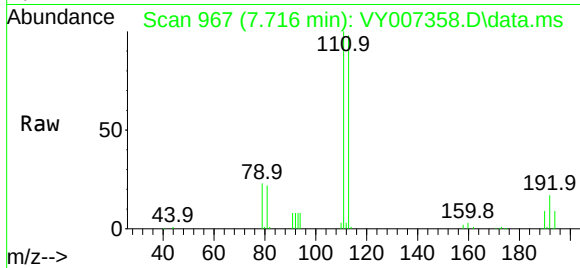




#35
Dibromofluoromethane
Concen: 38.615 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

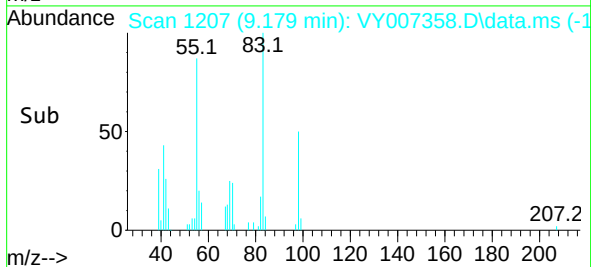
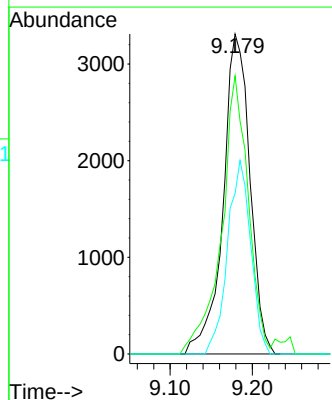
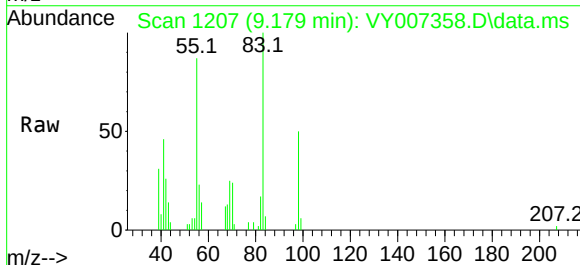
Instrument :
MSVOA_Y
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CC-8

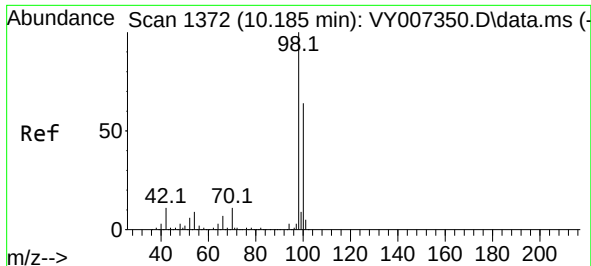
Tgt Ion:113 Resp: 50778
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.6 17.6 26.4



#39
Methylcyclohexane
Concen: 2.602 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion: 83 Resp: 7512
Ion Ratio Lower Upper
83 100
55 86.9 66.5 99.7
98 50.2 37.9 56.9

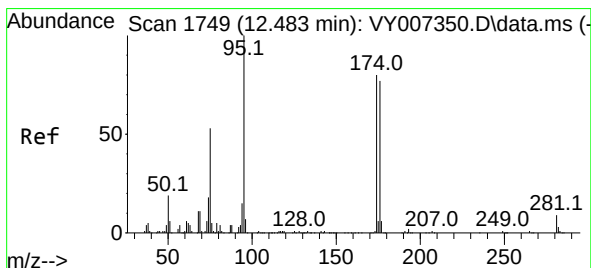
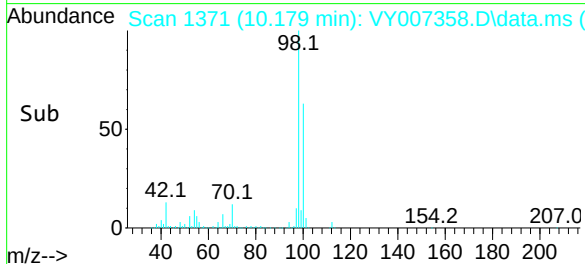
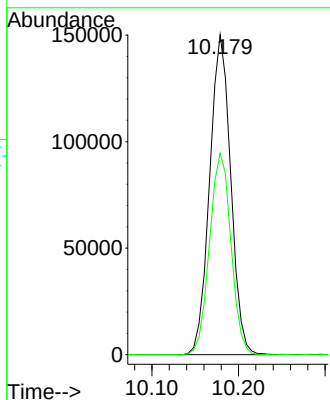
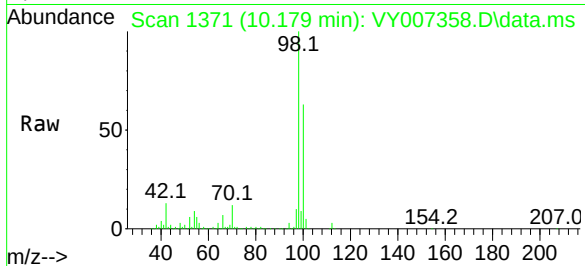




#50
Toluene-d8
Concen: 52.217 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

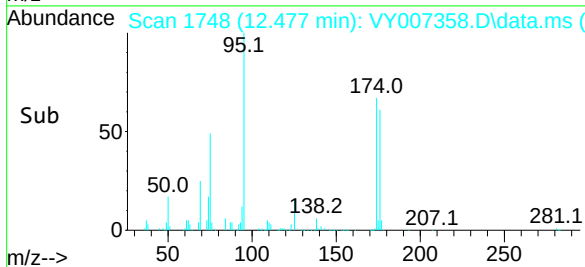
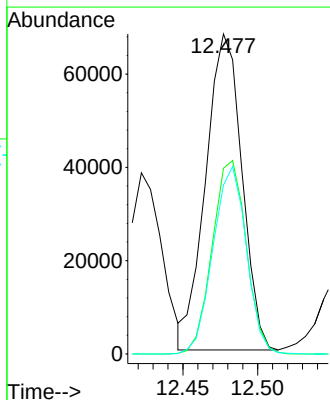
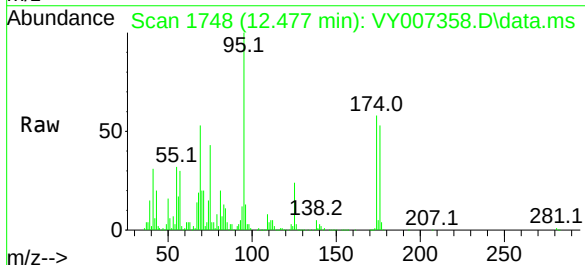
Instrument :
MSVOA_Y
ClientSampleId :
CC-8

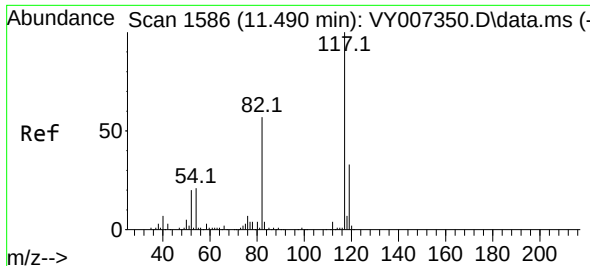
Tgt Ion: 98 Resp: 253685
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 68.938 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion: 95 Resp: 113834
Ion Ratio Lower Upper
95 100
174 57.6 0.0 177.0
176 54.8 0.0 175.8

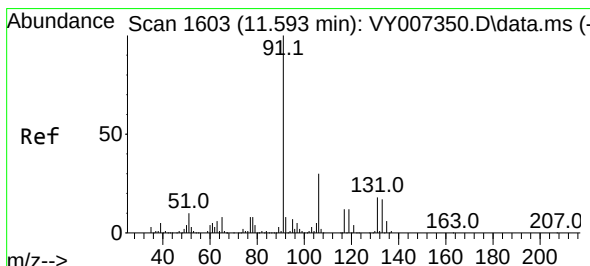
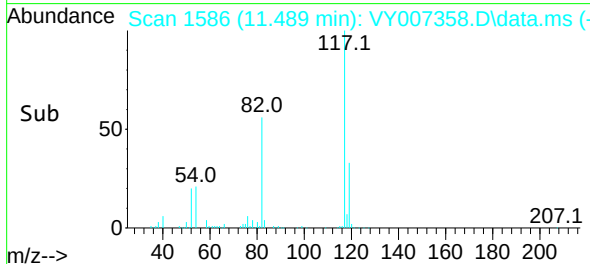
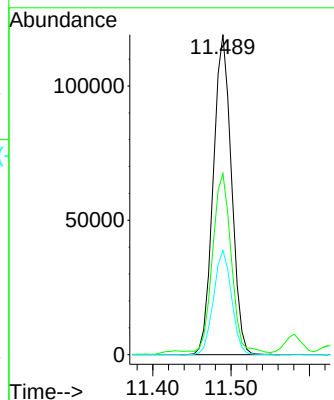
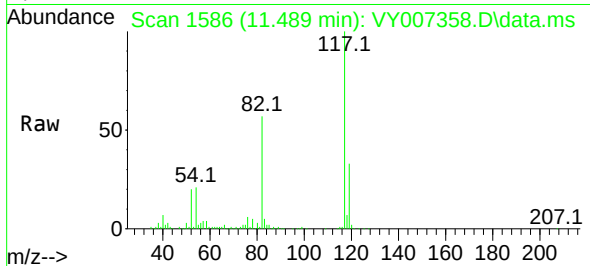




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

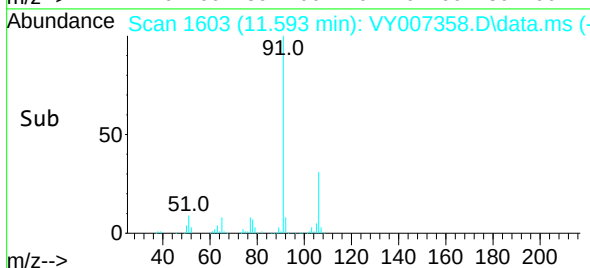
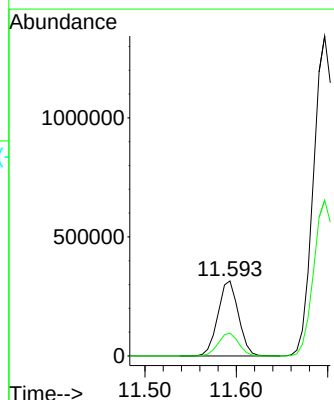
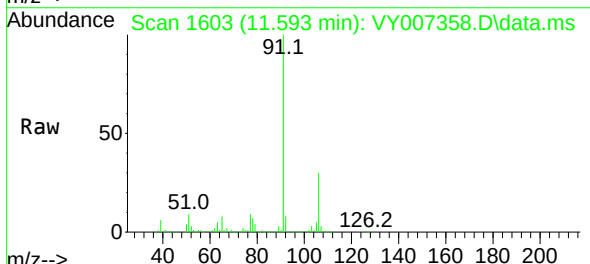
Instrument :
MSVOA_Y
ClientSampleId :
CC-8

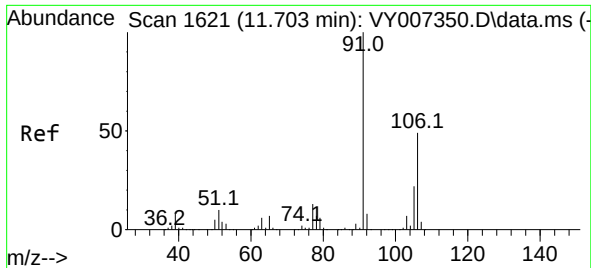
Tgt Ion:117 Resp: 192386
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 60.633 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion: 91 Resp: 492422
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

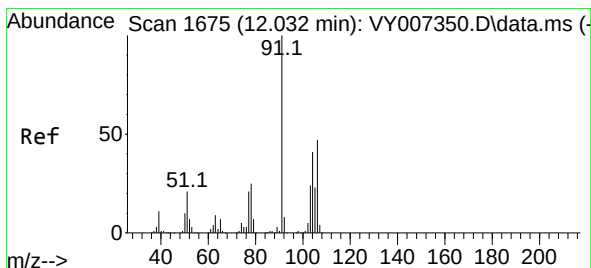
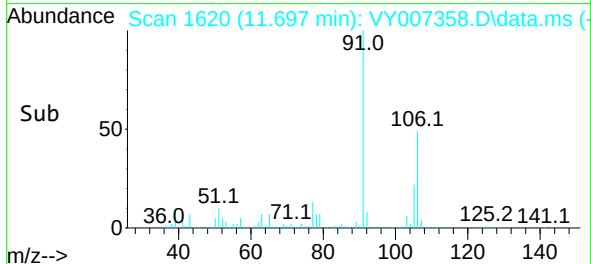
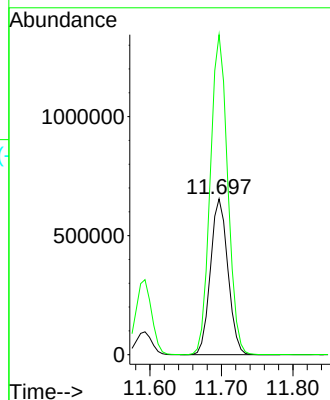
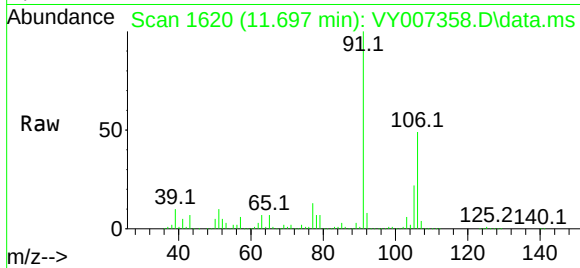




#68
m/p-Xylenes
Concen: 367.612 ug/l
RT: 11.697 min Scan# 11697
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

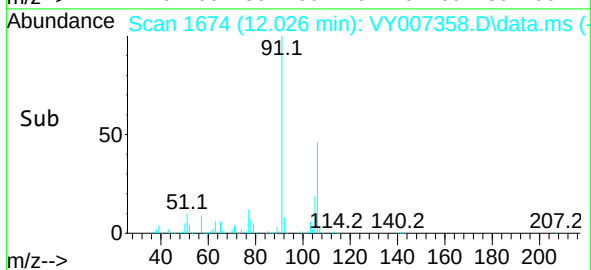
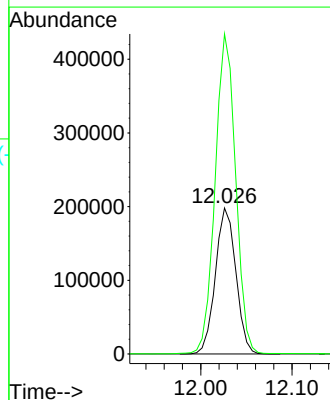
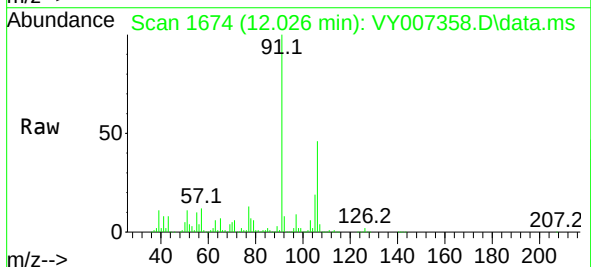
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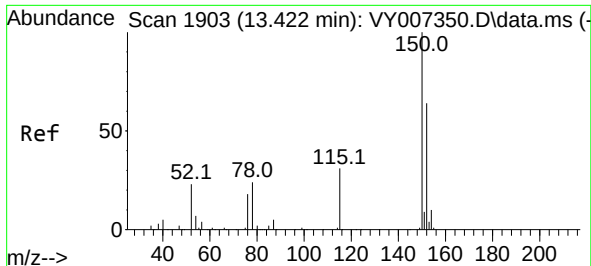
Tgt Ion:106 Resp: 1105748
Ion Ratio Lower Upper
106 100
91 205.9 166.6 249.8



#69
o-Xylene
Concen: 108.262 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion:106 Resp: 307884
Ion Ratio Lower Upper
106 100
91 220.0 110.3 331.0

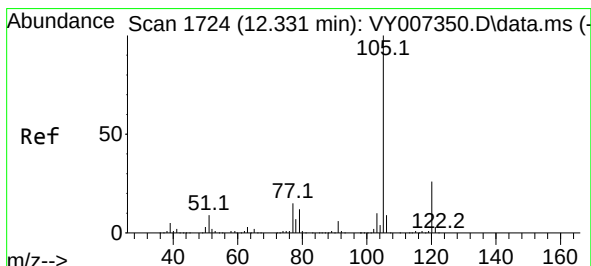
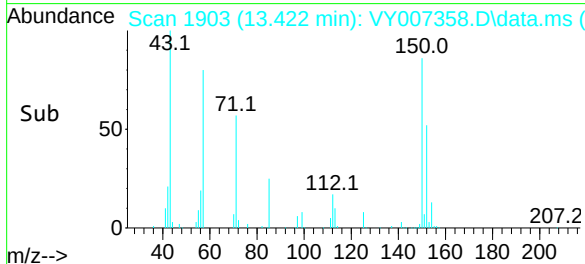
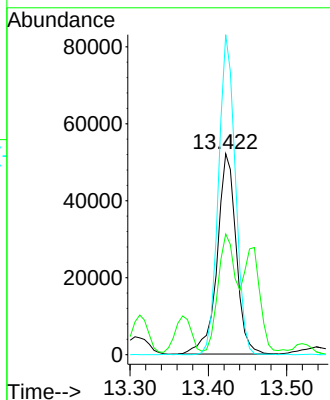
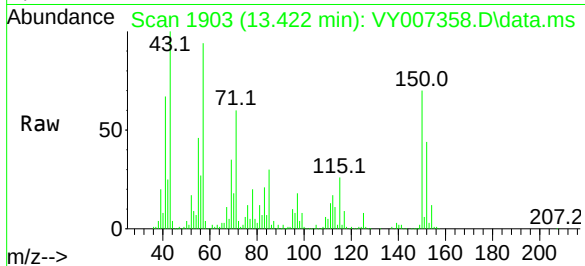




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

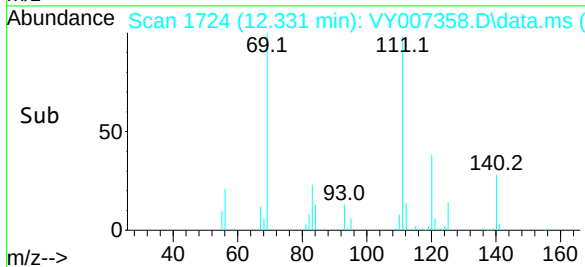
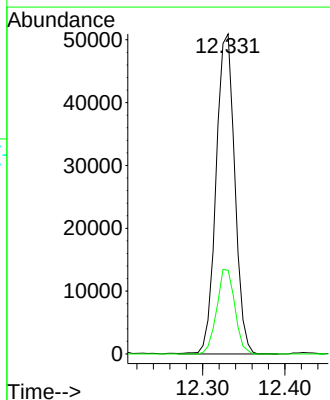
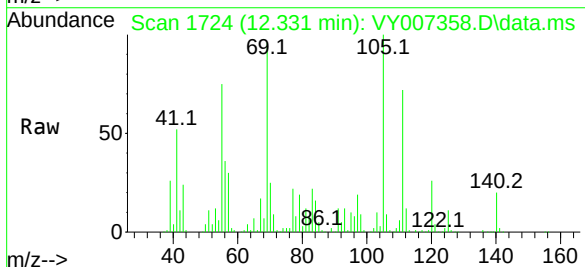
Instrument :
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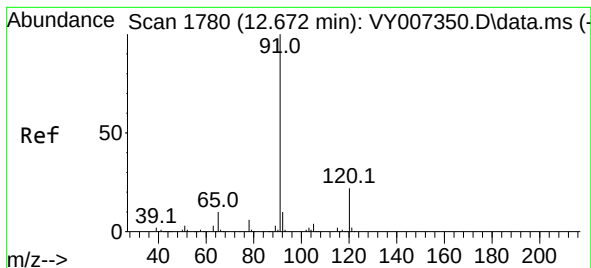
Tgt Ion:152 Resp: 87987
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 141.6 0.0 347.6



#73
Isopropylbenzene
Concen: 9.976 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion:105 Resp: 80221
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.2





#78

n-propylbenzene

Concen: 22.645 ug/l

RT: 12.666 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007358.D

Acq: 02 Feb 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

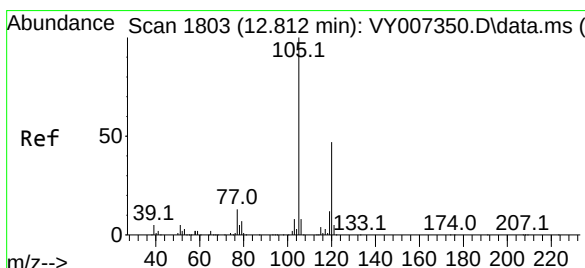
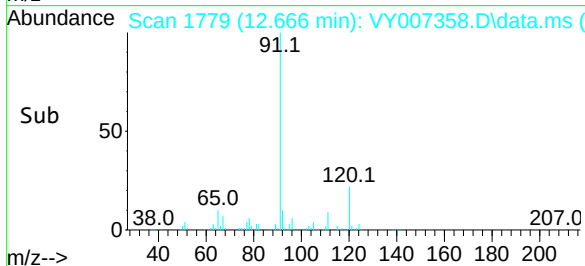
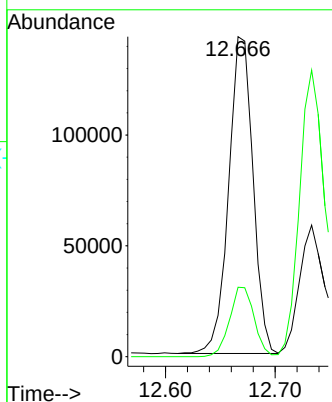
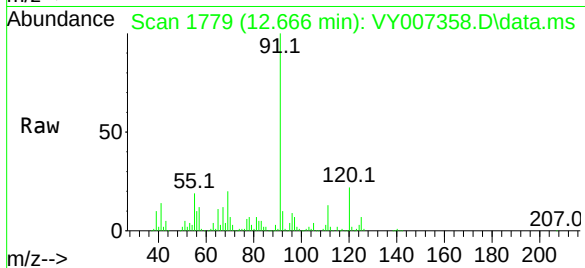
CC-8

Tgt Ion: 91 Resp: 220559

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 109.124 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY007358.D

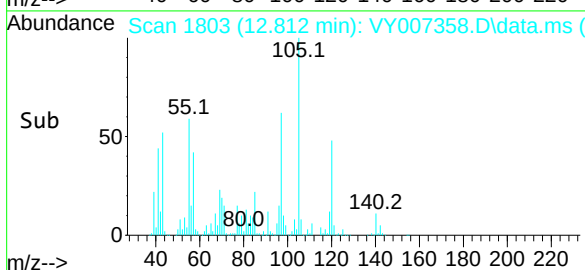
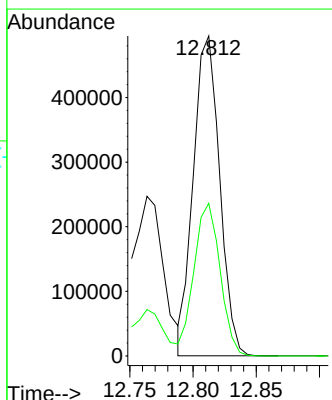
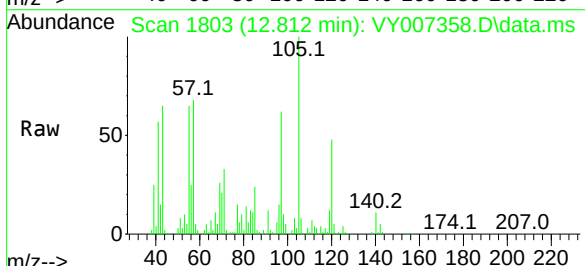
Acq: 02 Feb 2022 16:45

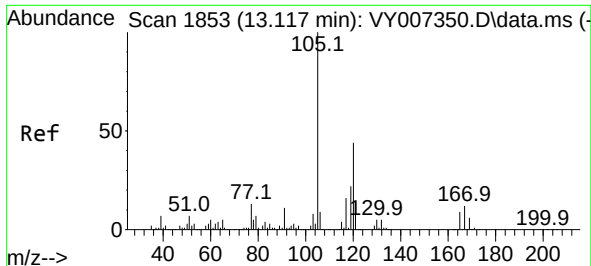
Tgt Ion:105 Resp: 715850

Ion Ratio Lower Upper

105 100

120 47.4 24.4 73.4

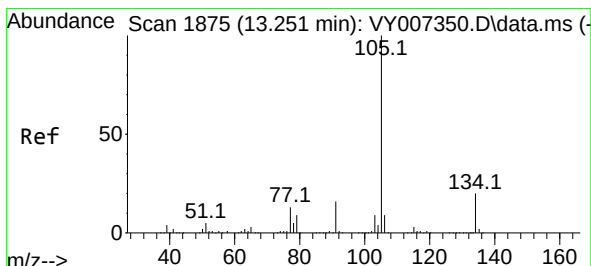
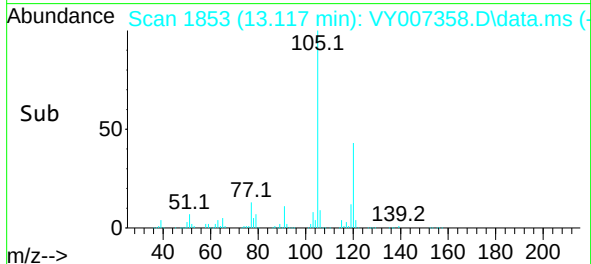
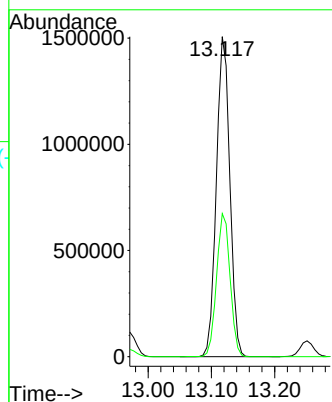
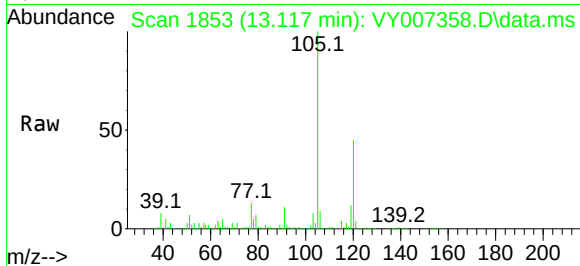




#84
1,2,4-Trimethylbenzene
Concen: 343.056 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

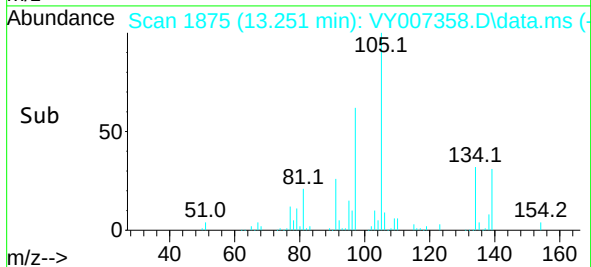
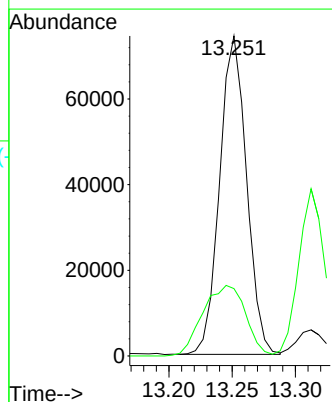
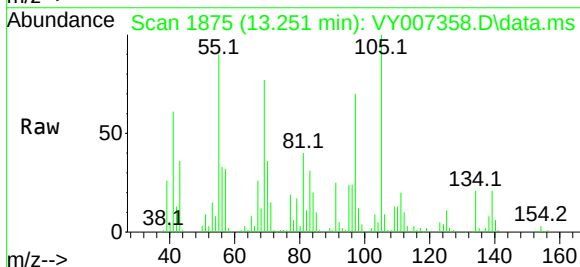
Instrument :
MSVOA_Y
ClientSampleId :
CC-8

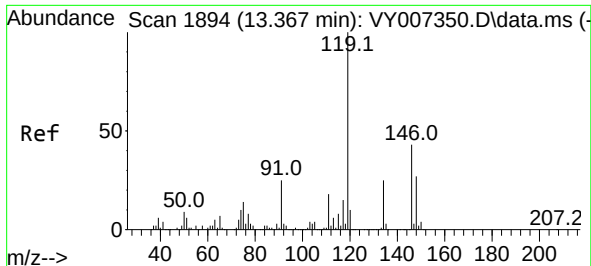
Tgt Ion:105 Resp: 2215777
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 12.843 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion:105 Resp: 110013
Ion Ratio Lower Upper
105 100
134 35.2 10.2 30.4#

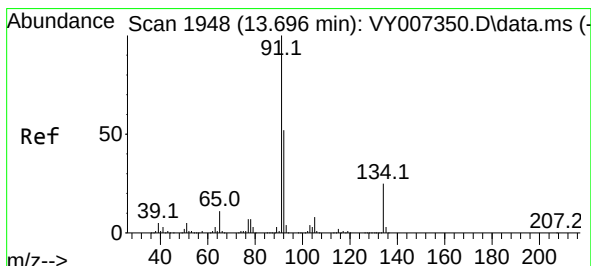
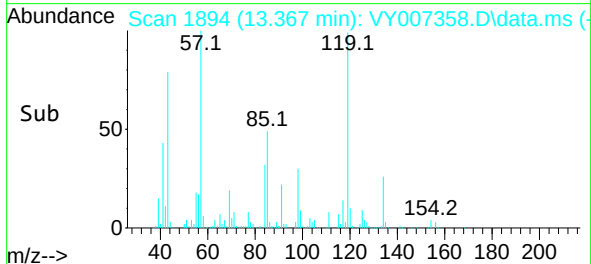
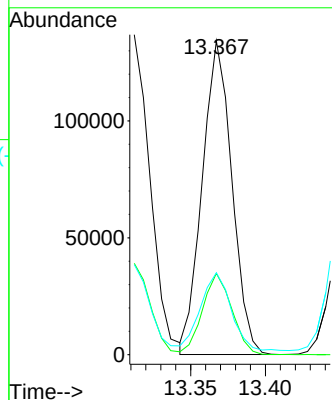
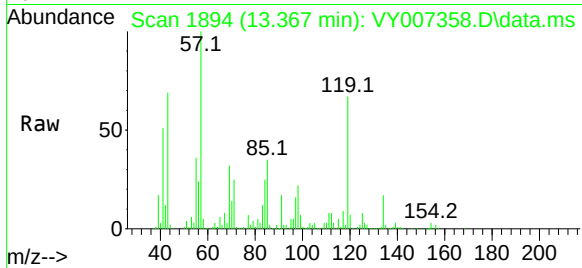




#86
p-Isopropyltoluene
Concen: 26.511 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

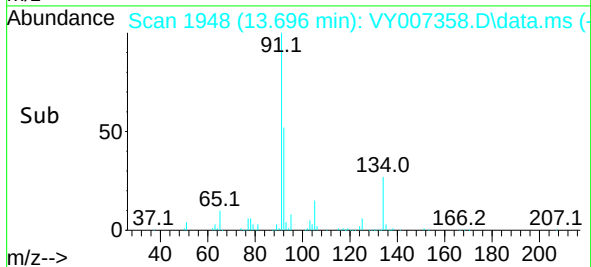
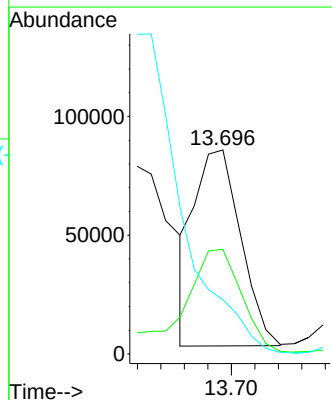
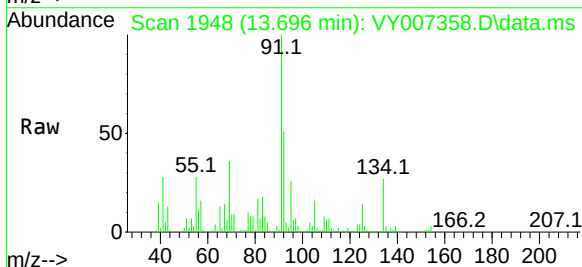
Instrument :
MSVOA_Y
ClientSampleId :
CC-8

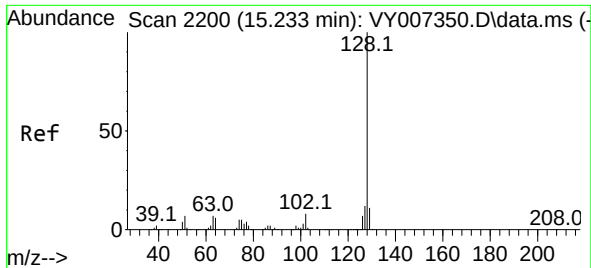
Tgt Ion:119 Resp: 184989
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.5
91 25.3 12.4 37.2



#89
n-Butylbenzene
Concen: 16.789 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007358.D
Acq: 02 Feb 2022 16:45

Tgt Ion: 91 Resp: 112755
Ion Ratio Lower Upper
91 100
92 70.4 26.3 78.9
134 0.0 13.0 38.9#





#95

Naphthalene

Concen: 89.313 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007358.D

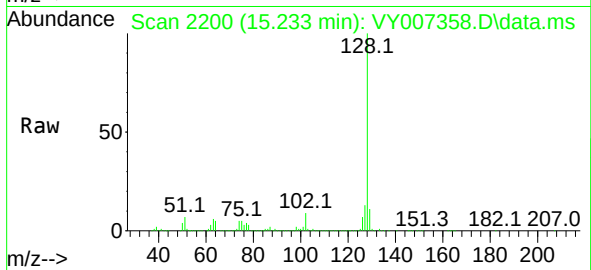
Acq: 02 Feb 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

CC-8



Tgt Ion:128 Resp: 317737

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6

