

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007360.D
 Acq On : 02 Feb 2022 17:32
 Operator : SY/MD
 Sample : N1303-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-7

Quant Time: Feb 02 17:51:34 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)

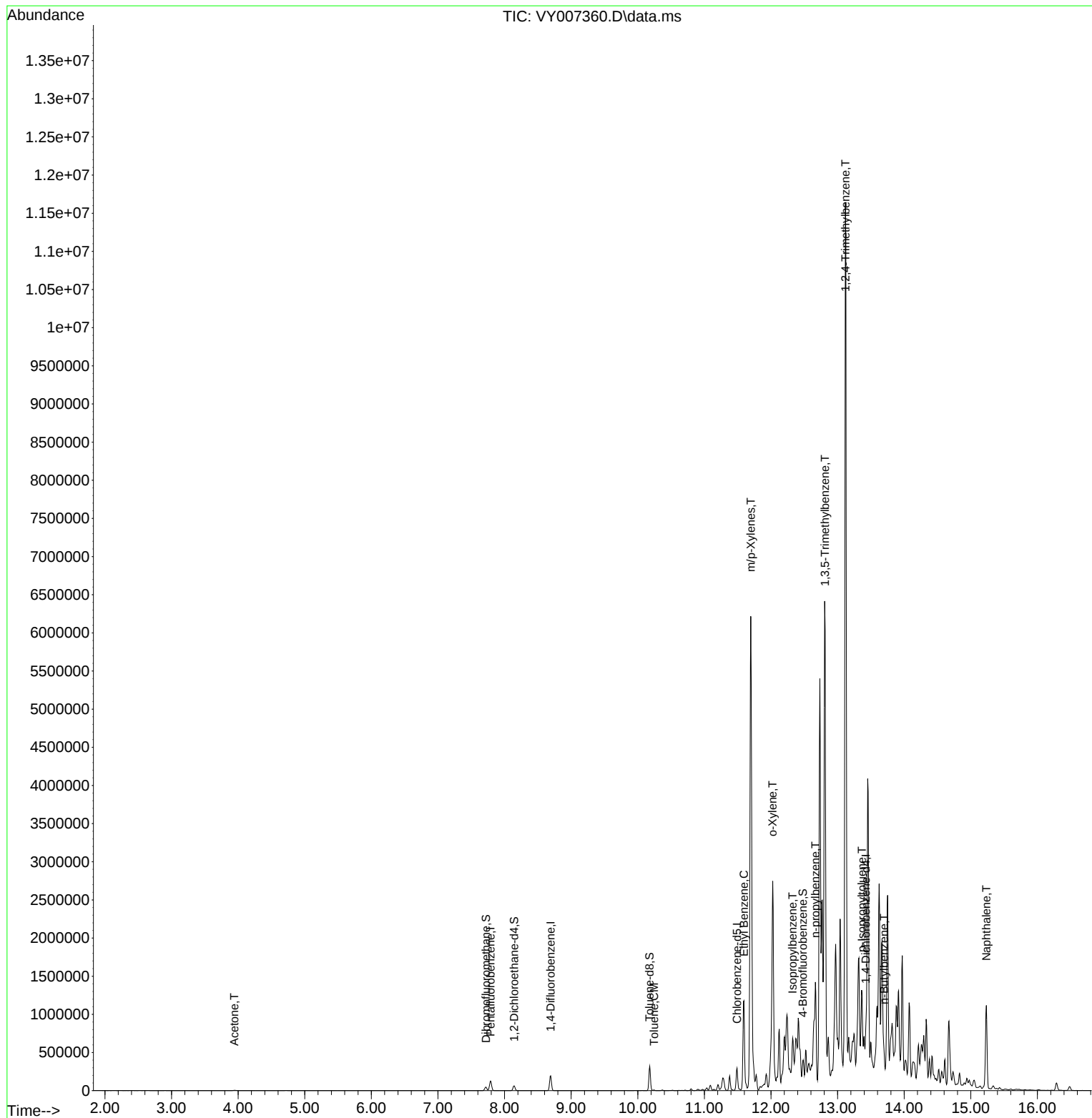
Internal Standards						
1) Pentafluorobenzene	7.789	168	92047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50080	47.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.600%
35) Dibromofluoromethane	7.722	113	33120	31.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.220%
50) Toluene-d8	10.179	98	200451	50.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.477	95	78649	58.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.640%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	8089	23.524	ug/l #	77
52) Toluene	10.246	92	3712	1.194	ug/l	93
67) Ethyl Benzene	11.593	91	820590	130.903	ug/l	99
68) m/p-Xylenes	11.697	106	1688595	727.292	ug/l	99
69) o-Xylene	12.026	106	646390	294.464	ug/l	99
73) Isopropylbenzene	12.325	105	261545	46.532	ug/l	98
78) n-propylbenzene	12.666	91	924516	135.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	1873771	408.650	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	5831172	1291.610	ug/l	99
86) p-Isopropyltoluene	13.367	119	252253	51.719	ug/l	98
89) n-Butylbenzene	13.697	91	159292	33.933	ug/l #	70
95) Naphthalene	15.233	128	870933	350.243	ug/l	99

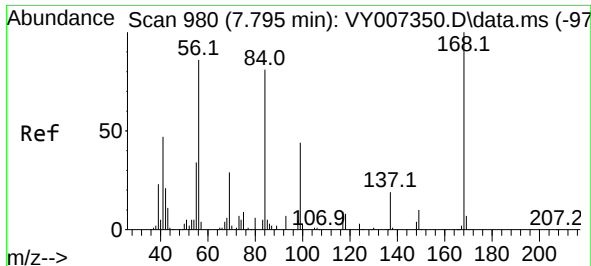
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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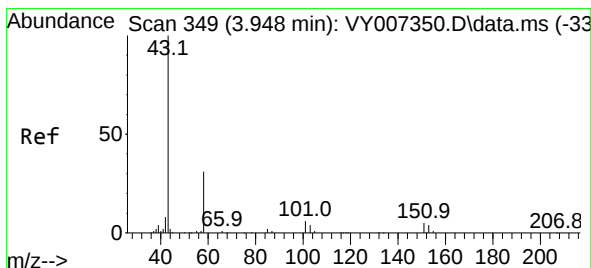
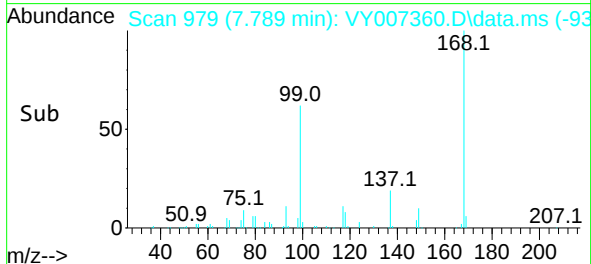
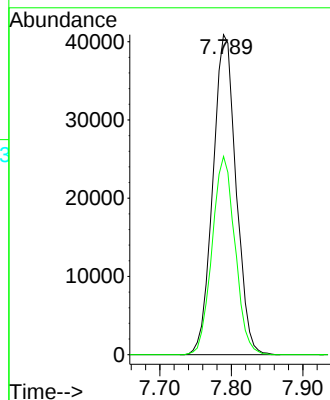
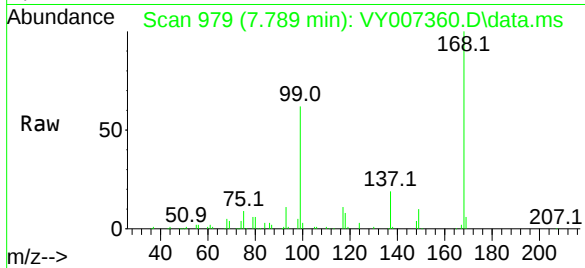




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

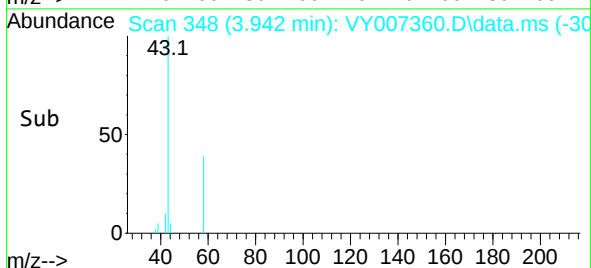
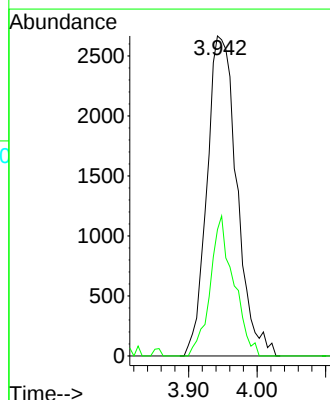
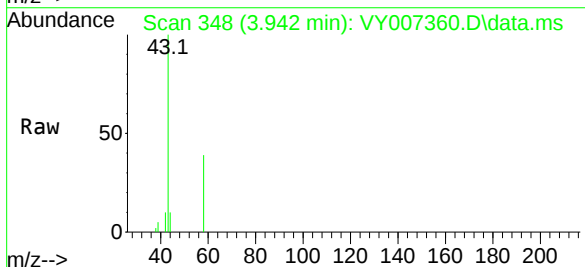
Instrument :
MSVOA_Y
ClientSampleId :
CC-7

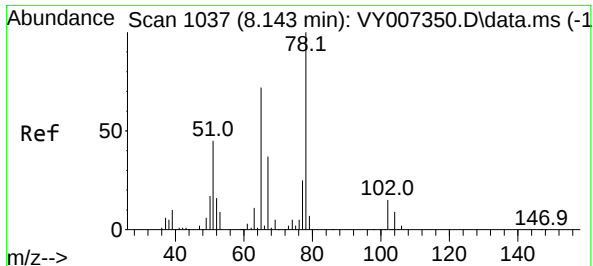
Tgt Ion:168 Resp: 92047
Ion Ratio Lower Upper
168 100
99 62.0 46.9 70.3



#16
Acetone
Concen: 23.524 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion: 43 Resp: 8089
Ion Ratio Lower Upper
43 100
58 39.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 47.300 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007360.D

Acq: 02 Feb 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

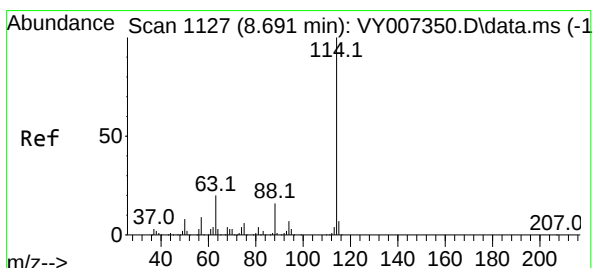
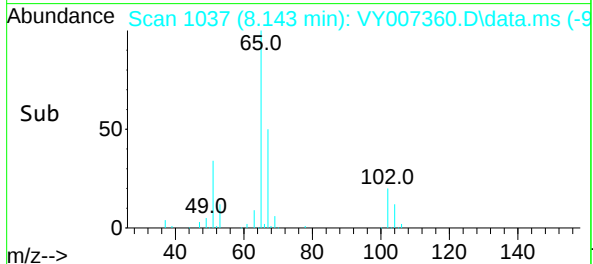
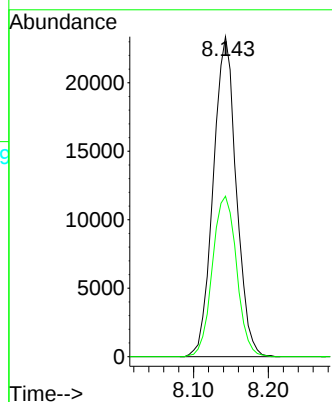
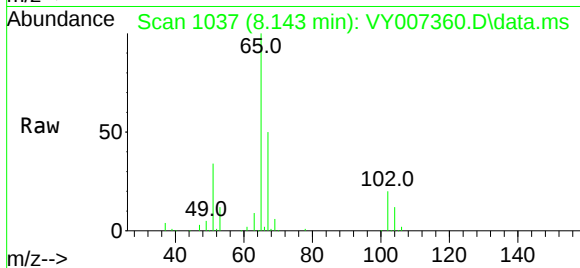
CC-7

Tgt Ion: 65 Resp: 50080

Ion Ratio Lower Upper

65 100

67 52.7 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: VY007360.D

Acq: 02 Feb 2022 17:32

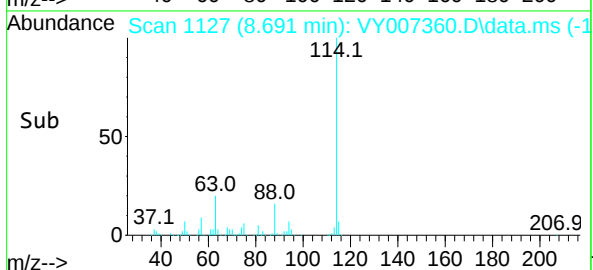
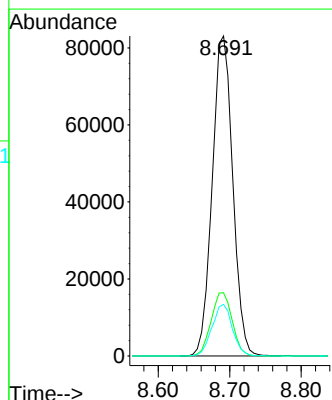
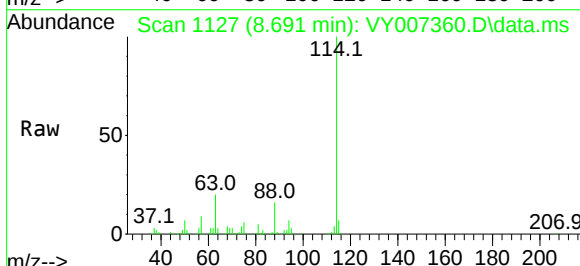
Tgt Ion: 114 Resp: 165814

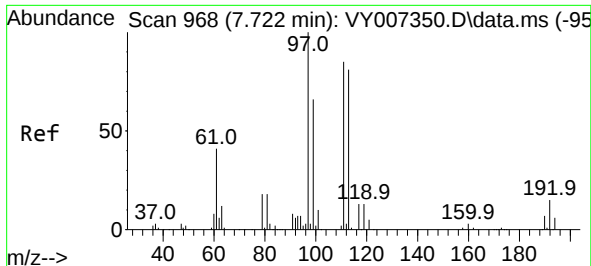
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.1 0.0 31.8

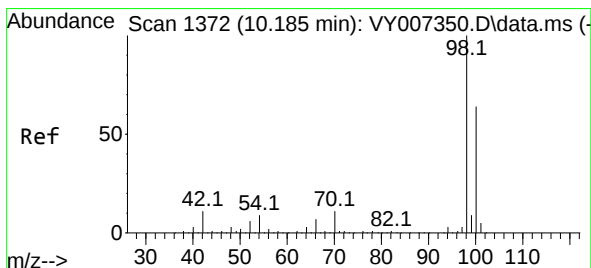
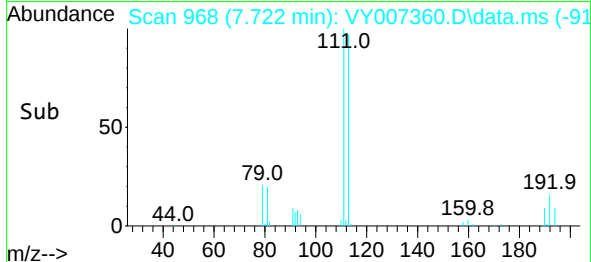
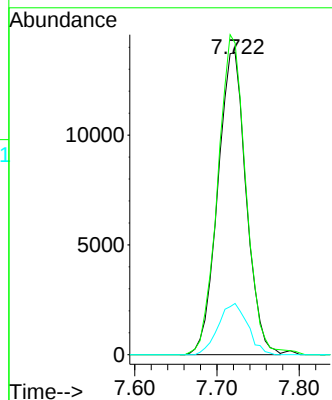
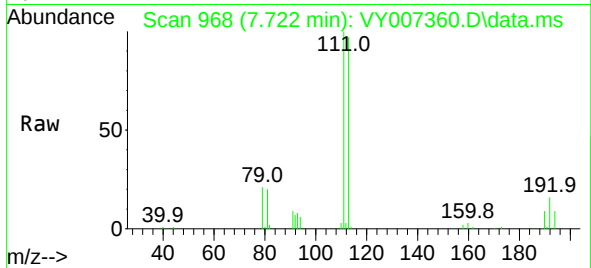




#35
Dibromofluoromethane
Concen: 31.106 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

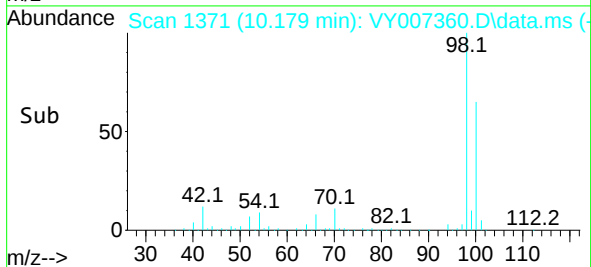
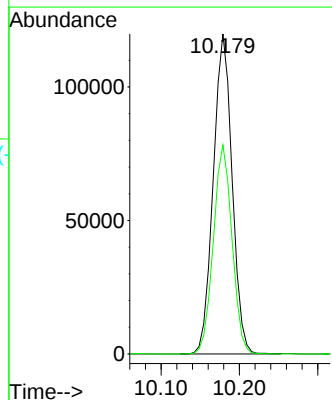
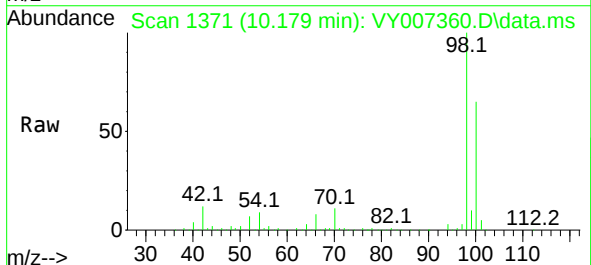
Instrument :
MSVOA_Y
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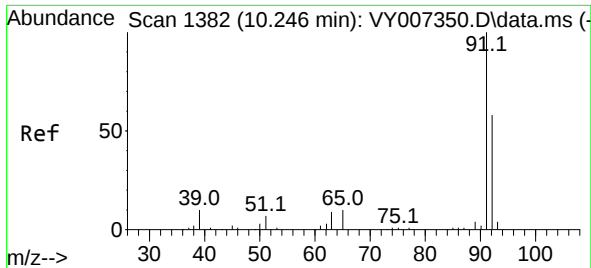
Tgt Ion:113 Resp: 33120
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 17.6 17.6 26.4#



#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion: 98 Resp: 200451
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

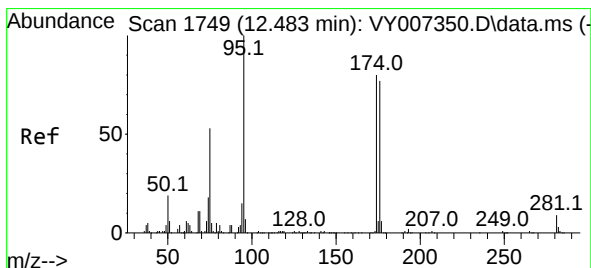
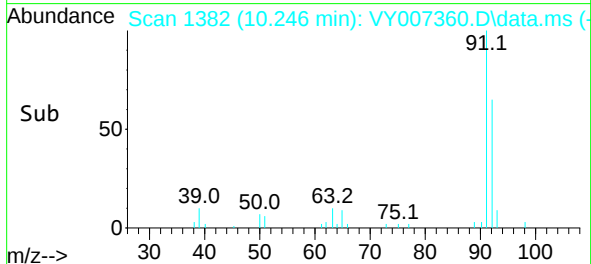
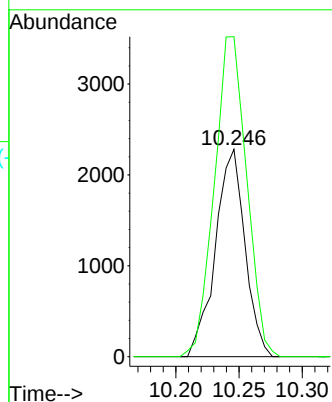
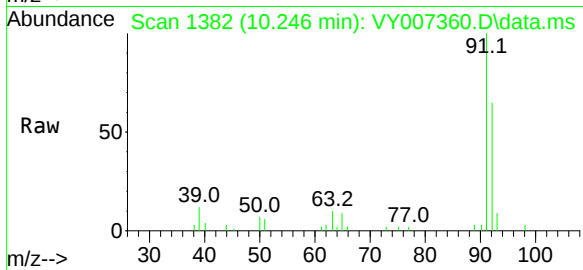




#52
Toluene
Concen: 1.194 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

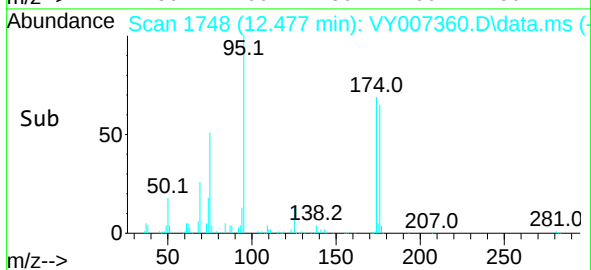
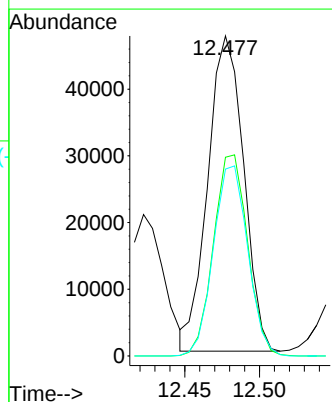
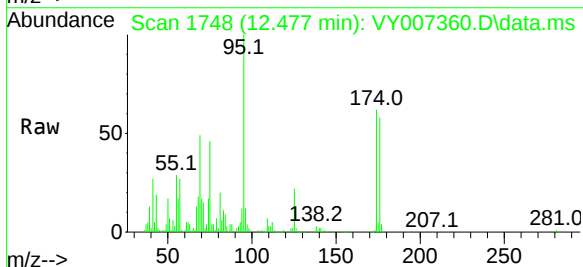
Instrument :
MSVOA_Y
ClientSampleId :
CC-7

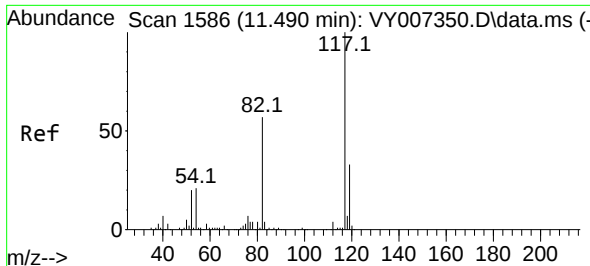
Tgt Ion: 92 Resp: 3712
Ion Ratio Lower Upper
92 100
91 168.6 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 58.823 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion: 95 Resp: 78649
Ion Ratio Lower Upper
95 100
174 60.9 0.0 177.0
176 58.1 0.0 175.8

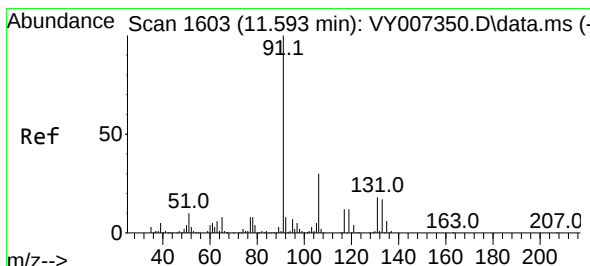
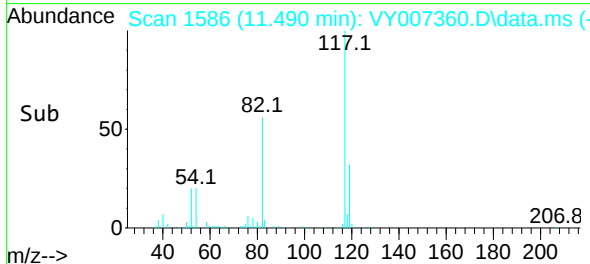
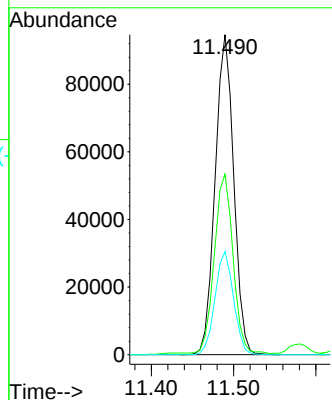
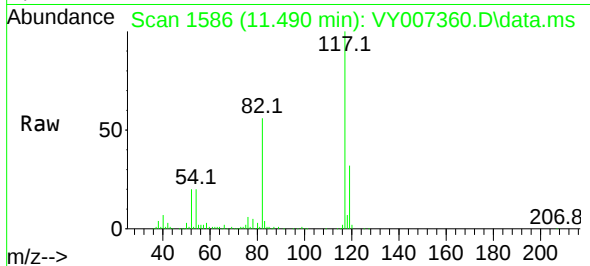




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

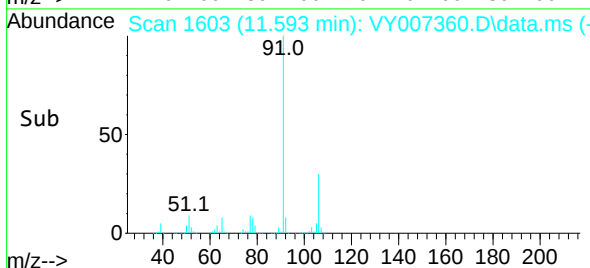
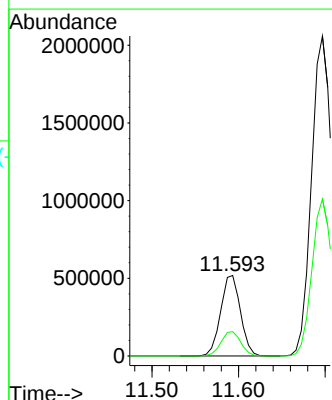
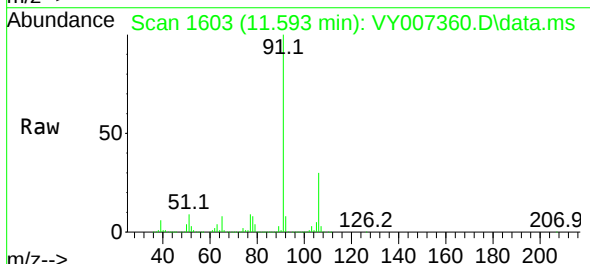
Instrument :
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CC-7

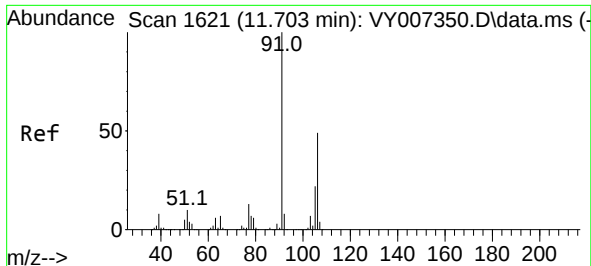
Tgt Ion:117 Resp: 148499
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 130.903 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion: 91 Resp: 820590
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

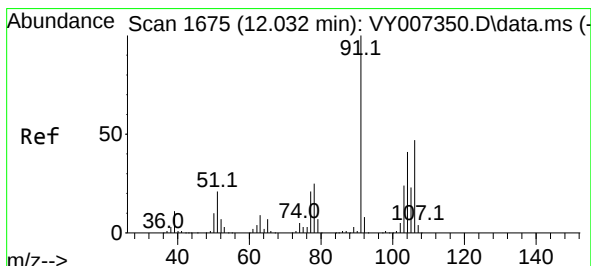
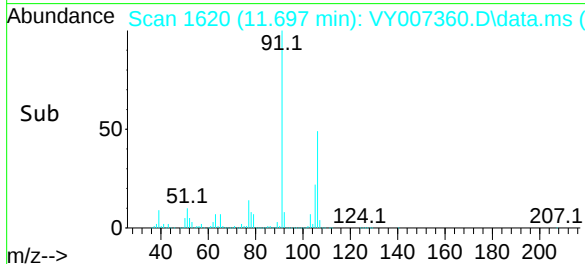
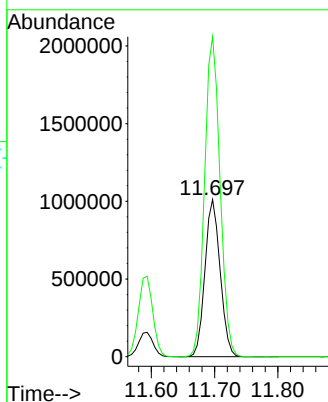
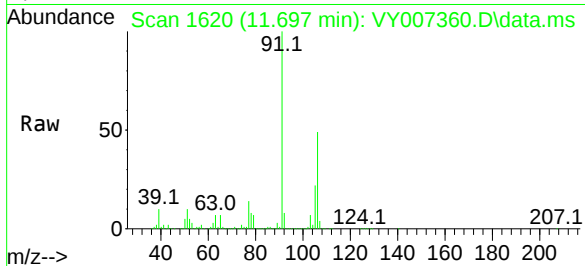




#68
m/p-Xylenes
Concen: 727.292 ug/l
RT: 11.697 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

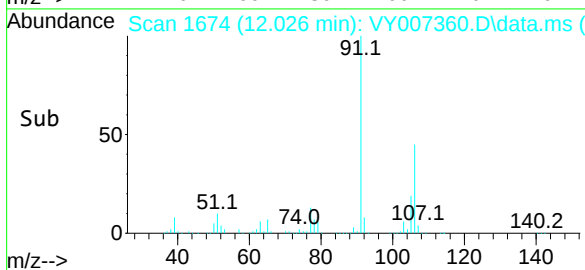
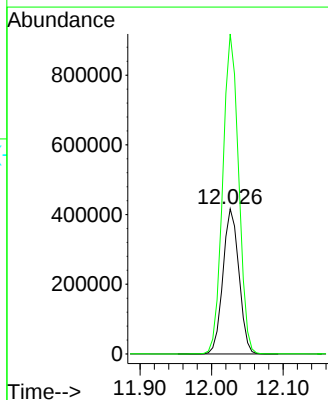
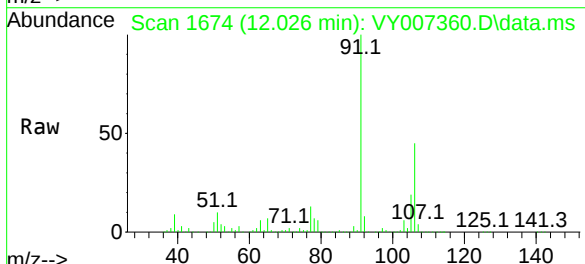
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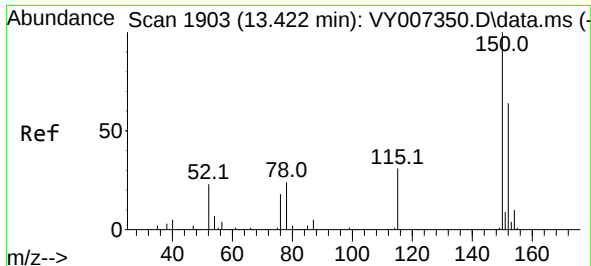
Tgt Ion:106 Resp: 1688595
Ion Ratio Lower Upper
106 100
91 207.1 166.6 249.8



#69
o-Xylene
Concen: 294.464 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion:106 Resp: 646390
Ion Ratio Lower Upper
106 100
91 219.6 110.3 331.0

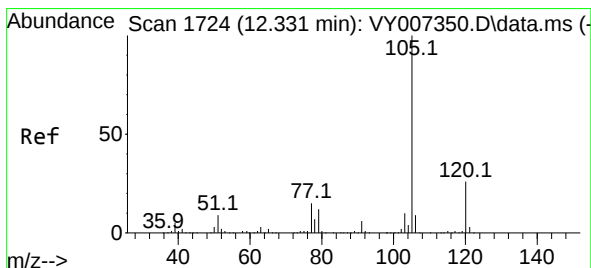
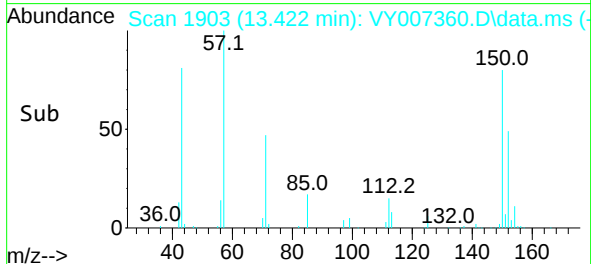
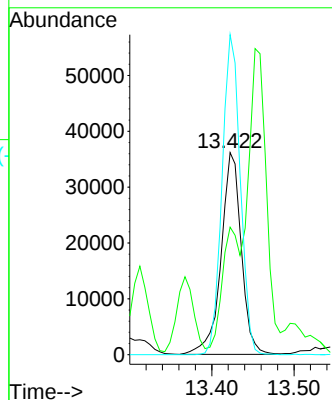
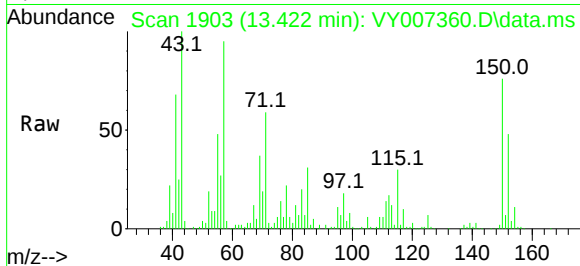




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

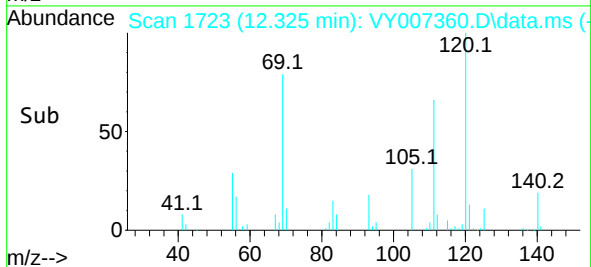
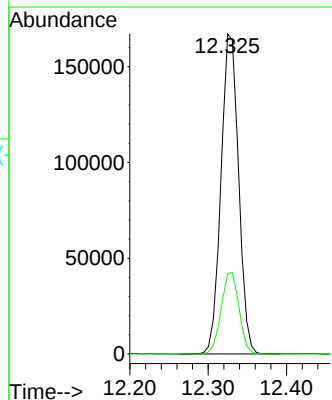
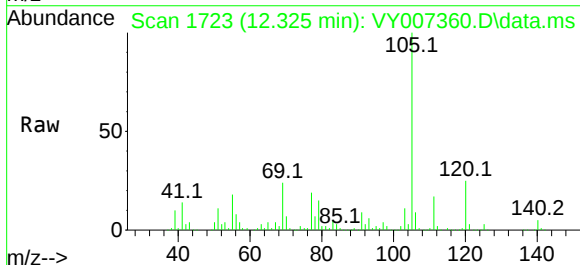
Instrument :
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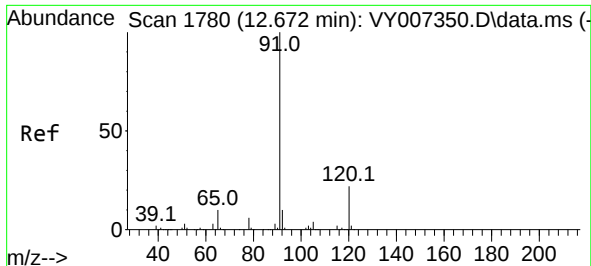
Tgt Ion:152 Resp: 61501
Ion Ratio Lower Upper
152 100
115 51.9 28.2 84.7
150 143.3 0.0 347.6



#73
Isopropylbenzene
Concen: 46.532 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion:105 Resp: 261545
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

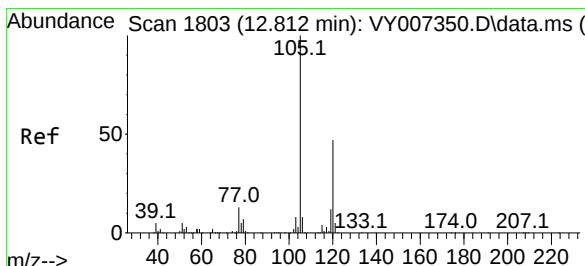
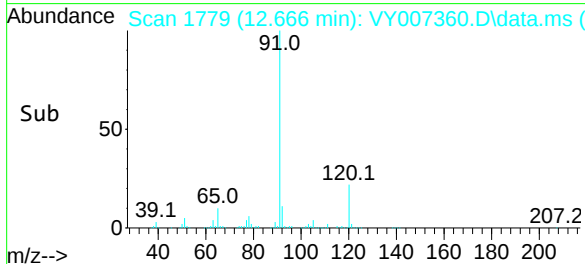
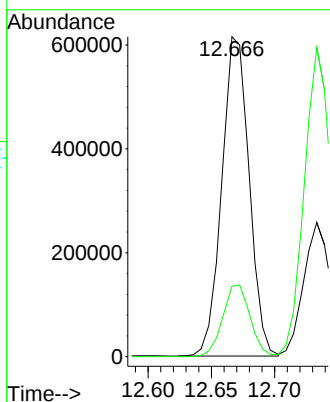
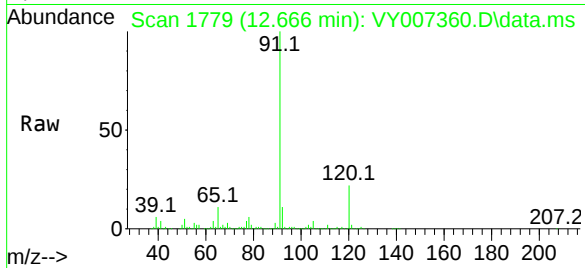




#78
n-propylbenzene
Concen: 135.798 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

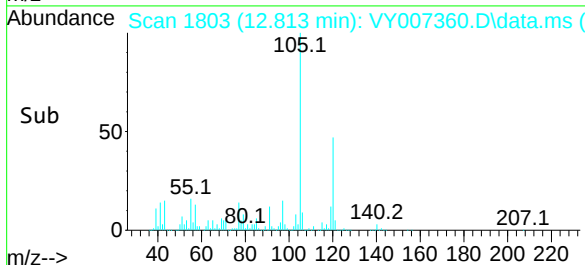
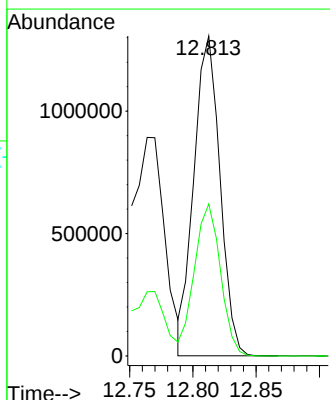
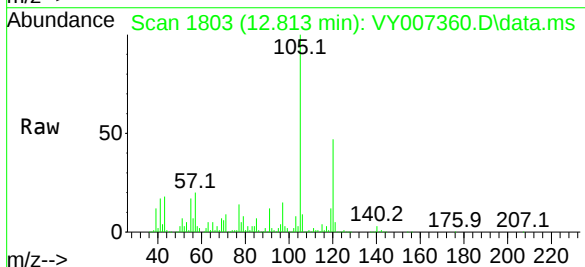
Instrument :
MSVOA_Y
ClientSampleId :
CC-7

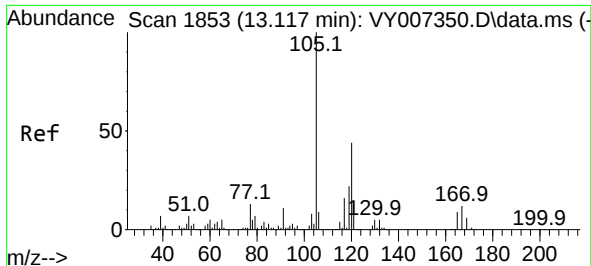
Tgt Ion: 91 Resp: 924516
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 408.650 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion:105 Resp: 1873771
Ion Ratio Lower Upper
105 100
120 47.5 24.4 73.4

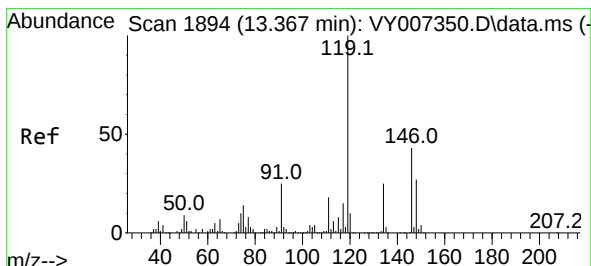
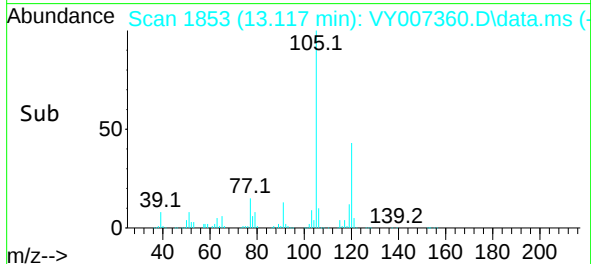
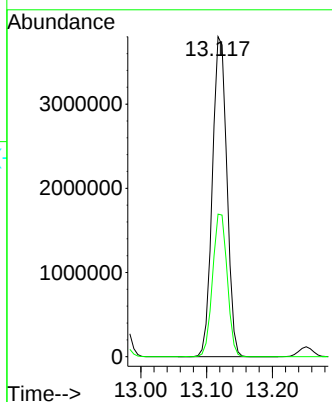
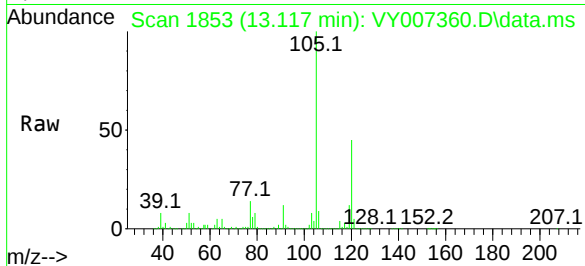




#84
1,2,4-Trimethylbenzene
Concen: 1291.610 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

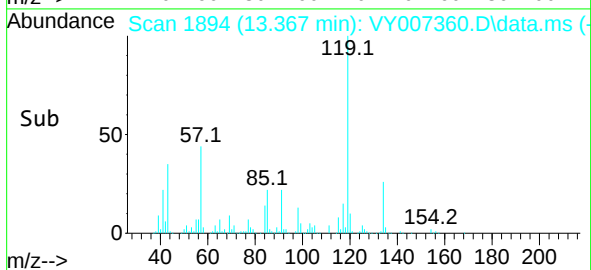
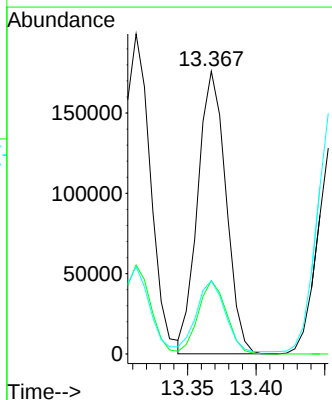
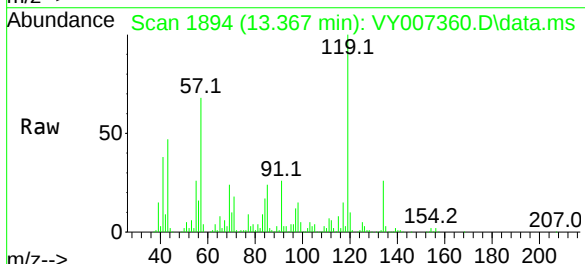
Instrument :
MSVOA_Y
ClientSampleId :
CC-7

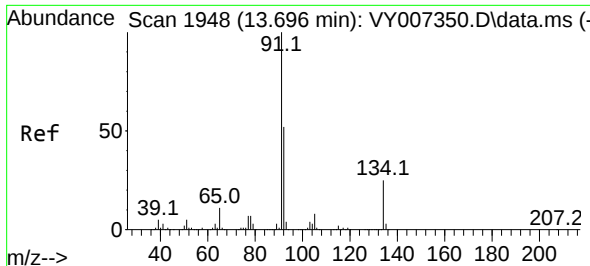
Tgt Ion:105 Resp: 5831172
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9



#86
p-Isopropyltoluene
Concen: 51.719 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007360.D
Acq: 02 Feb 2022 17:32

Tgt Ion:119 Resp: 252253
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.5
91 25.7 12.4 37.2





#89

n-Butylbenzene

Concen: 33.933 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007360.D

Acq: 02 Feb 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

CC-7

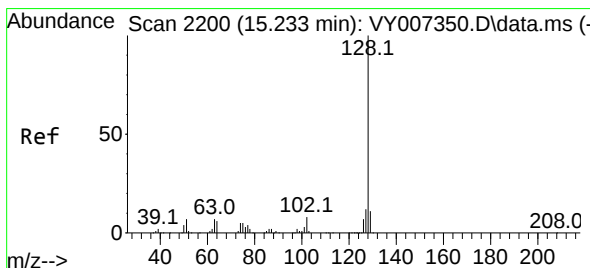
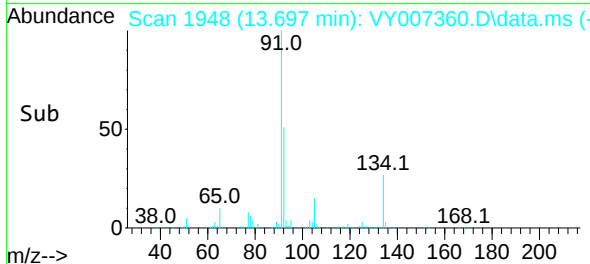
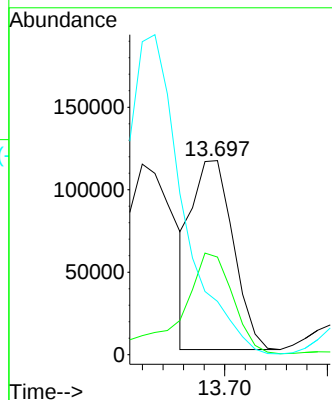
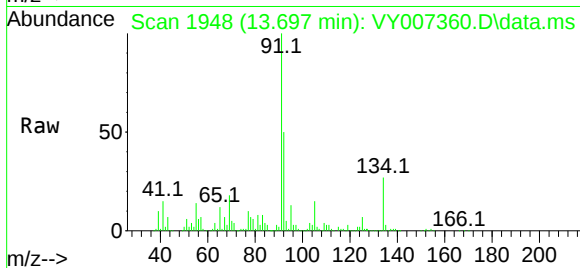
Tgt Ion: 91 Resp: 159292

Ion Ratio Lower Upper

91 100

92 66.8 26.3 78.9

134 0.0 13.0 38.9#



#95

Naphthalene

Concen: 350.243 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007360.D

Acq: 02 Feb 2022 17:32

Tgt Ion:128 Resp: 870933

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6

