

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004976.D
 Acq On : 04 Jun 2021 19:46
 Operator : SY/MD
 Sample : M2612-02
 Misc : 3.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(10-14)

Quant Time: Jun 05 01:36:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

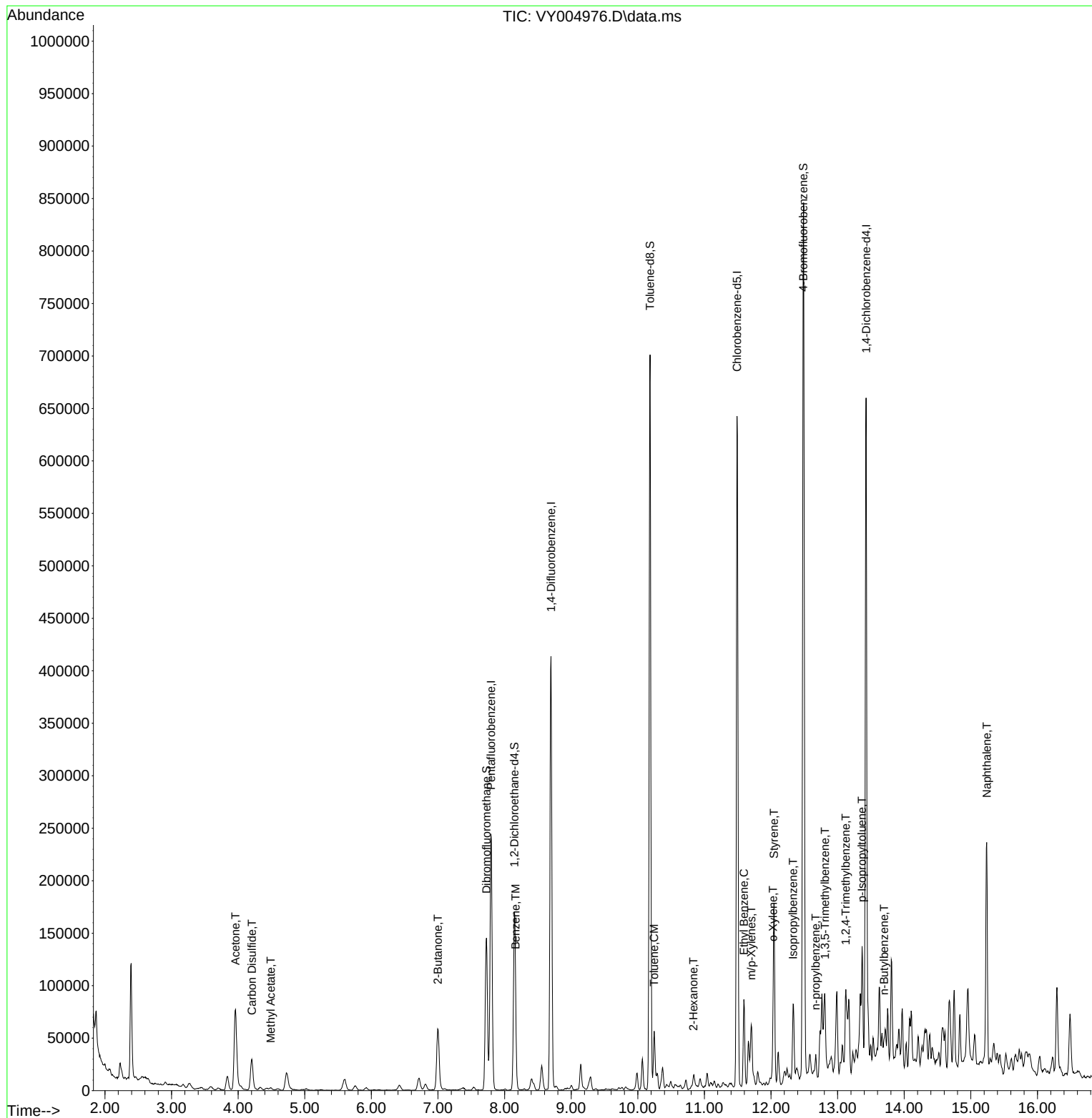
Internal Standards						
1) Pentafluorobenzene	7.795	168	182096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127815	66.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.780%	
35) Dibromofluoromethane	7.728	113	103941	56.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.200%	
50) Toluene-d8	10.185	98	435070	57.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.100%	
62) 4-Bromofluorobenzene	12.483	95	159190	60.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.380%	
Target Compounds						Qvalue
16) Acetone	3.960	43	140658	303.525	ug/l	100
17) Carbon Disulfide	4.204	76	57368	9.969	ug/l	100
18) Methyl Acetate	4.491	43	4778	3.217	ug/l #	89
25) 2-Butanone	6.996	43	103021	132.206	ug/l	97
40) Benzene	8.167	78	10125	1.059	ug/l	100
52) Toluene	10.246	92	20292	3.509	ug/l	97
59) 2-Hexanone	10.837	43	9259	6.624	ug/l	83
67) Ethyl Benzene	11.593	91	51571	4.140	ug/l	100
68) m/p-Xylenes	11.703	106	11751	2.518	ug/l	98
69) o-Xylene	12.032	106	7480	1.721	ug/l	98
70) Styrene	12.044	104	71295	9.845	ug/l	92
73) Isopropylbenzene	12.331	105	14855	1.267	ug/l	95
78) n-propylbenzene	12.672	91	16011	1.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	12265	1.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	40222	4.183	ug/l	93
86) p-Isopropyltoluene	13.367	119	58987	5.771	ug/l	89
89) n-Butylbenzene	13.696	91	12963	1.319	ug/l #	76
95) Naphthalene	15.239	128	171072	28.112	ug/l	100

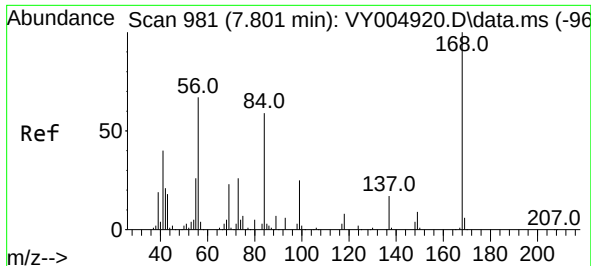
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
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18-B12(10-14)

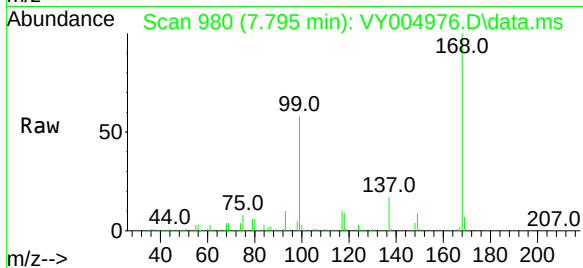
Quant Time: Jun 05 01:36:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



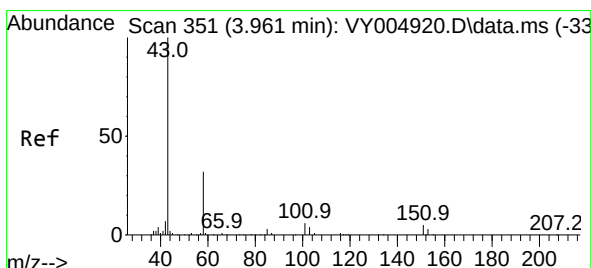
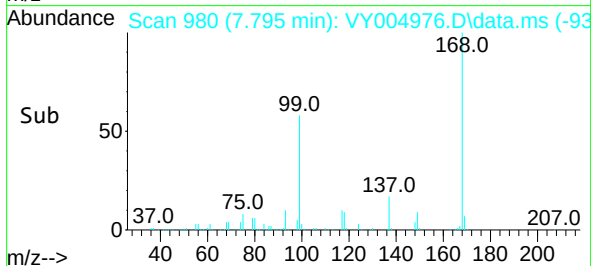
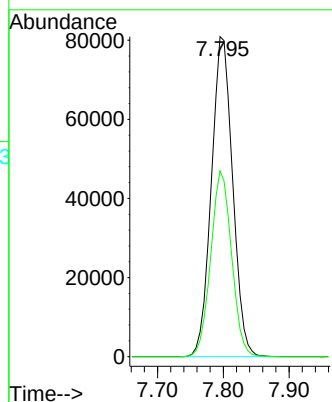


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

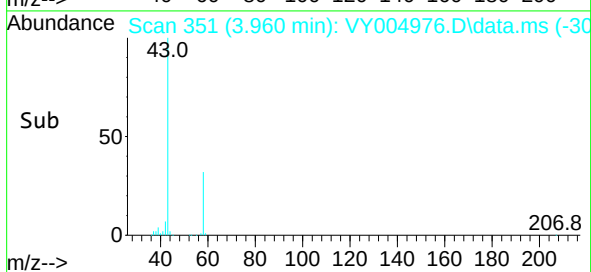
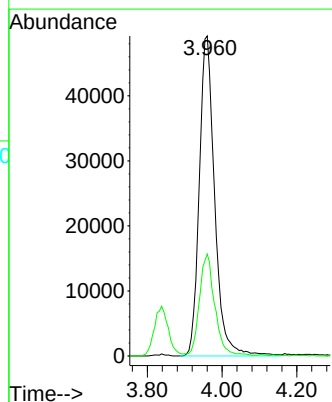
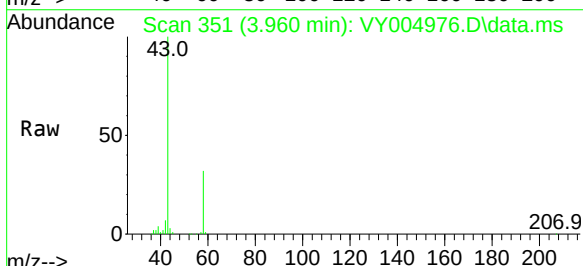


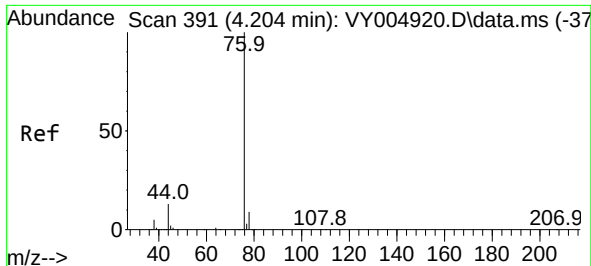
Tgt Ion:168 Resp: 182096
Ion Ratio Lower Upper
168 100
99 58.1 43.9 65.9



#16
Acetone
Concen: 303.525 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 43 Resp: 140658
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9

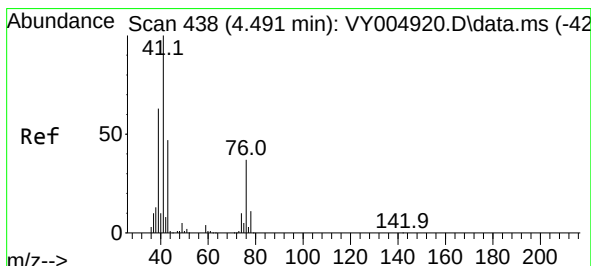
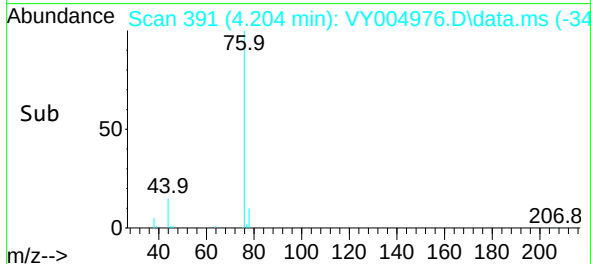
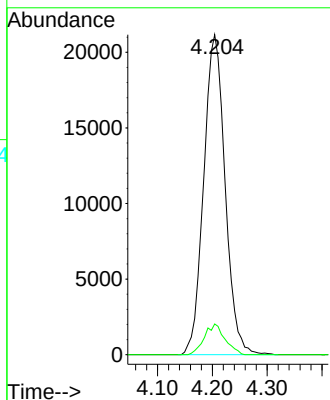
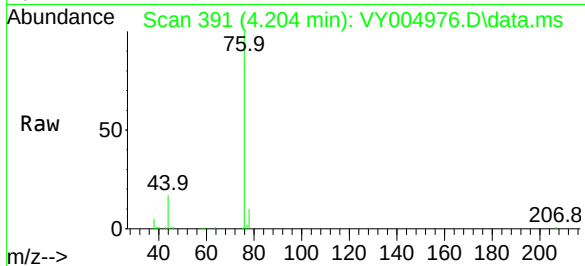




#17
Carbon Disulfide
Concen: 9.969 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

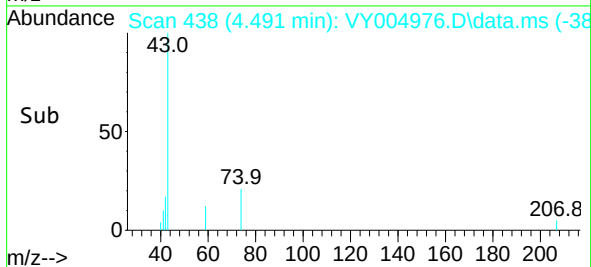
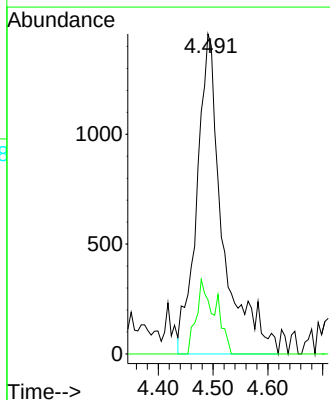
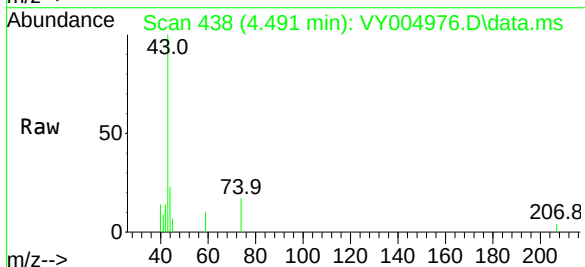
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

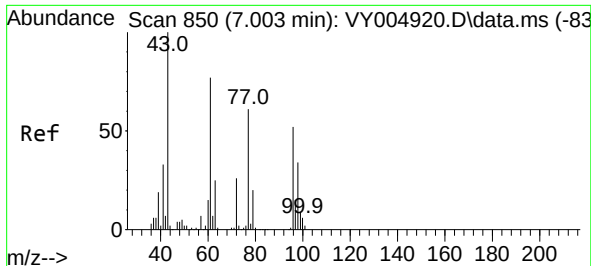
Tgt Ion: 76 Resp: 57368
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 3.217 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 43 Resp: 4778
Ion Ratio Lower Upper
43 100
74 17.1 18.0 27.0#

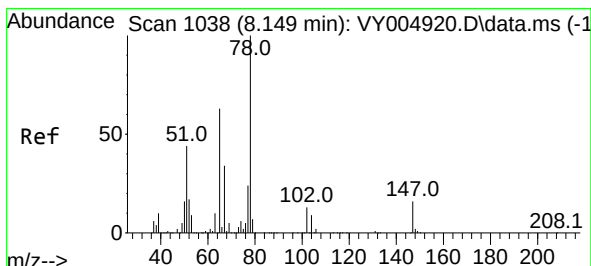
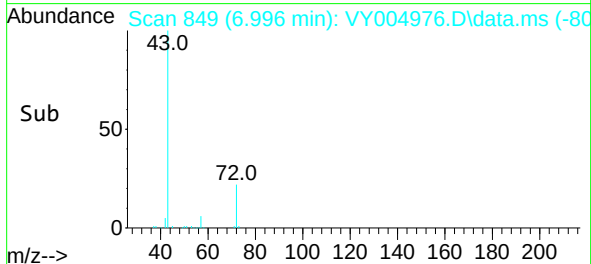
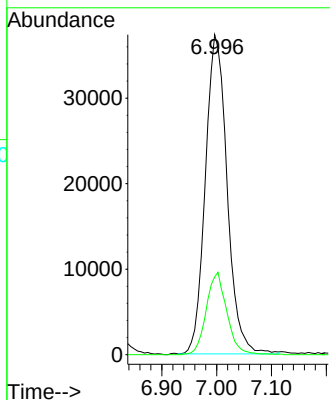
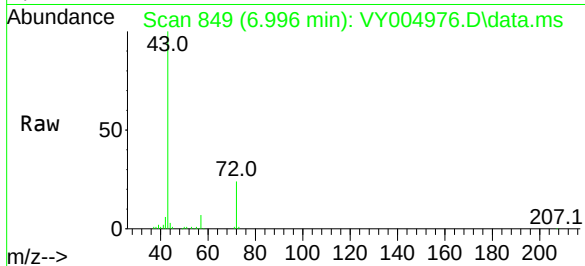




#25
2-Butanone
Concen: 132.206 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

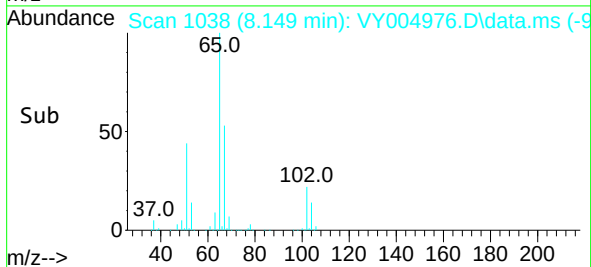
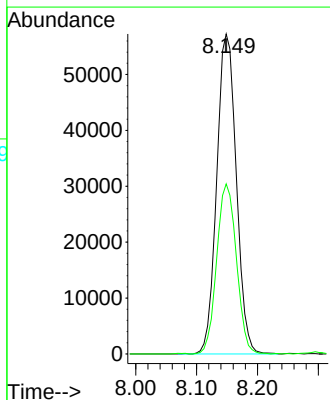
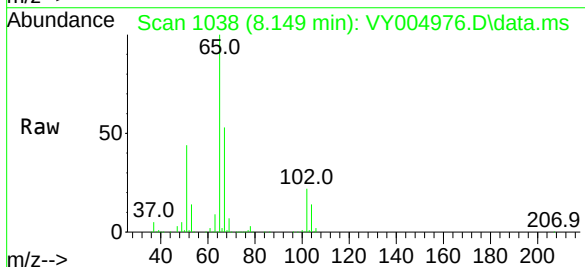
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

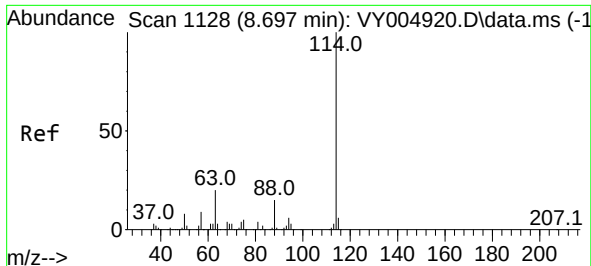
Tgt Ion: 43 Resp: 103021
Ion Ratio Lower Upper
43 100
72 24.4 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 66.395 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

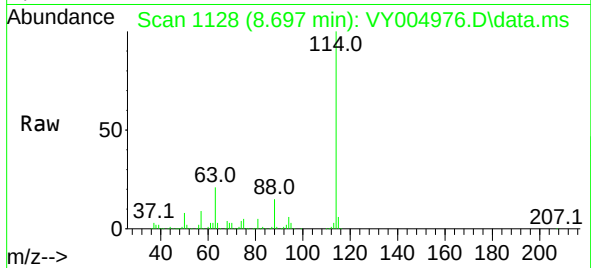
Tgt Ion: 65 Resp: 127815
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



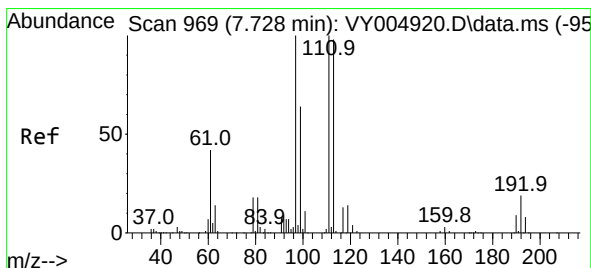
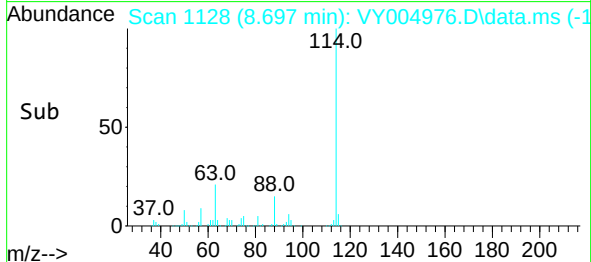
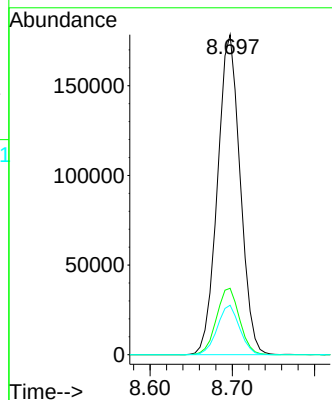


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

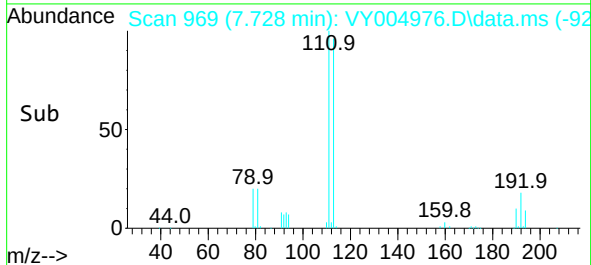
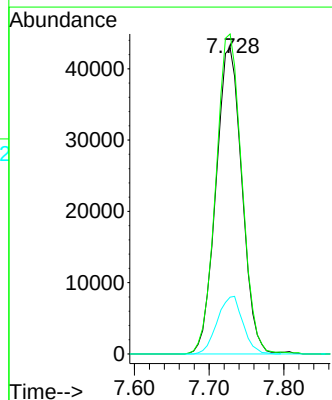
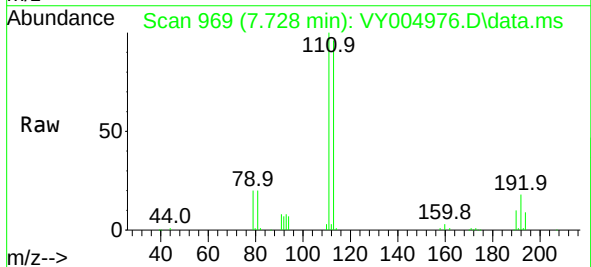


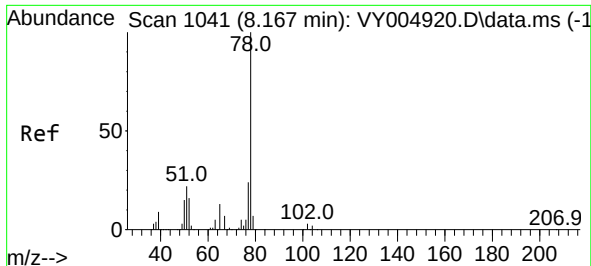
Tgt Ion:114 Resp: 341317
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.603 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion:113 Resp: 103941
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 18.5 15.3 22.9

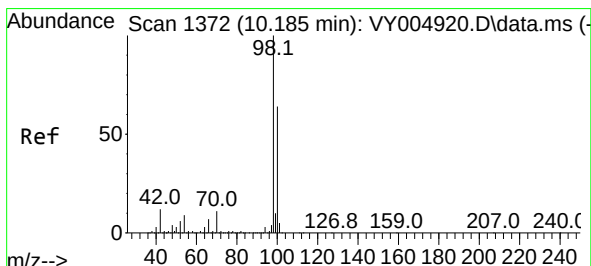
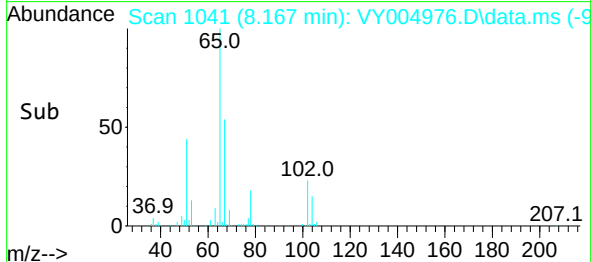
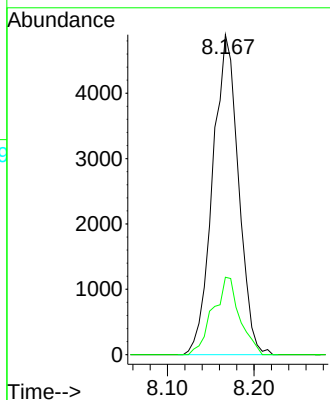
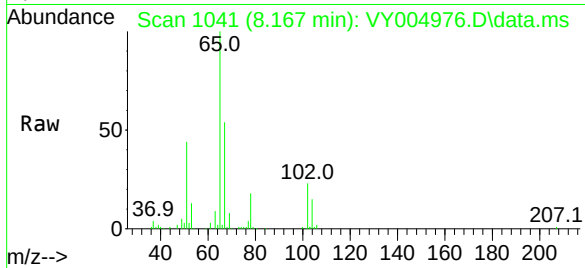




#40
Benzene
Concen: 1.059 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

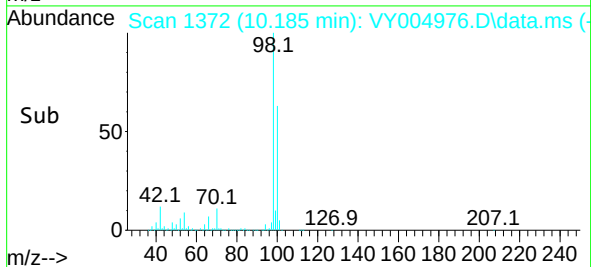
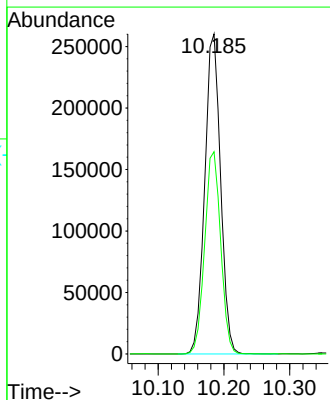
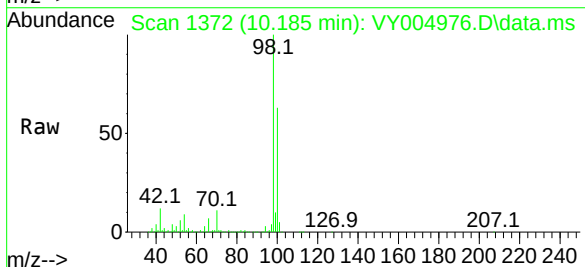
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

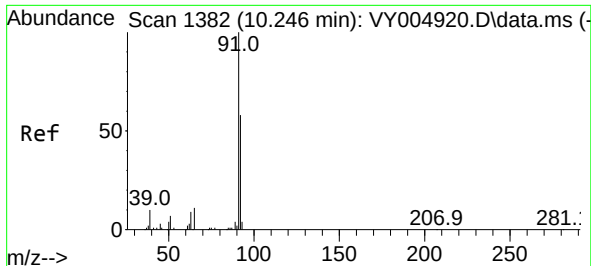
Tgt Ion: 78 Resp: 10125
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2



#50
Toluene-d8
Concen: 57.047 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 98 Resp: 435070
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

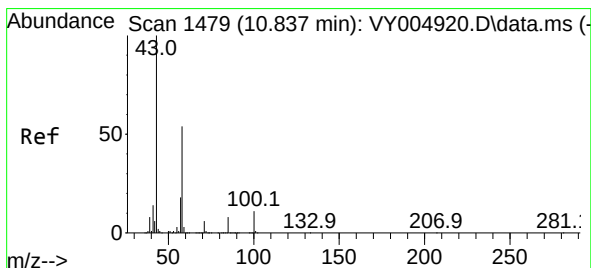
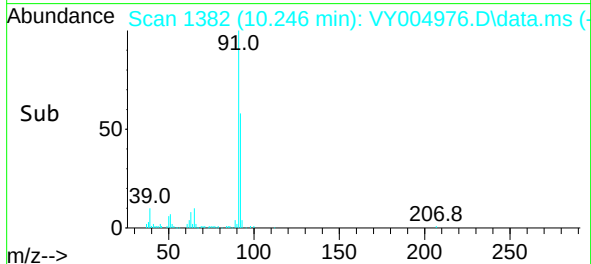
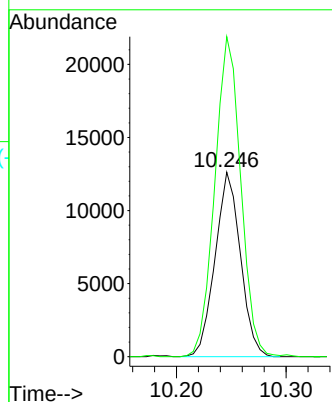
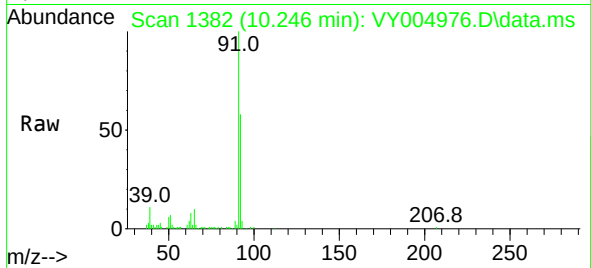




#52
Toluene
Concen: 3.509 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

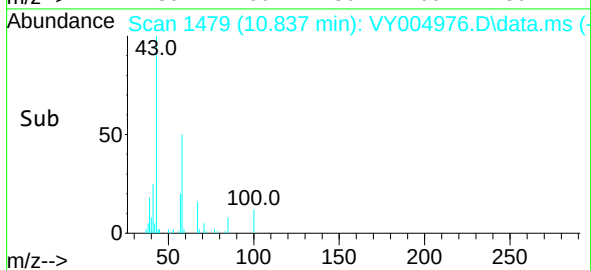
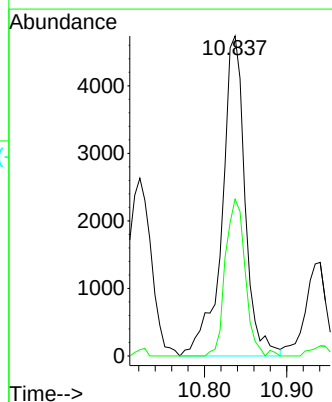
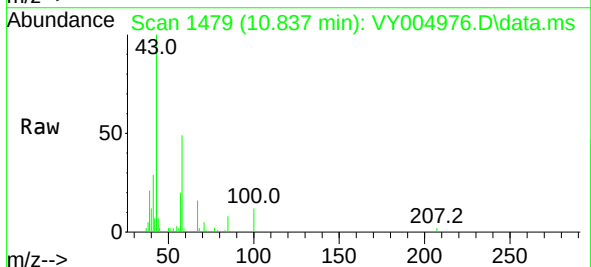
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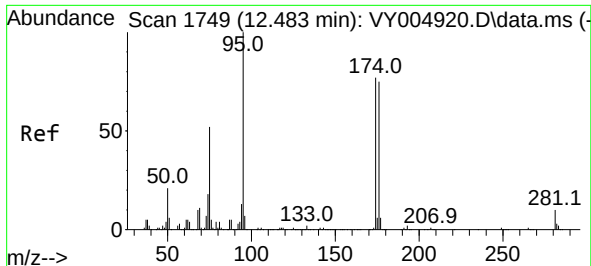
Tgt Ion: 92 Resp: 20292
Ion Ratio Lower Upper
92 100
91 178.0 139.3 208.9



#59
2-Hexanone
Concen: 6.624 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 43 Resp: 9259
Ion Ratio Lower Upper
43 100
58 41.7 27.0 80.8

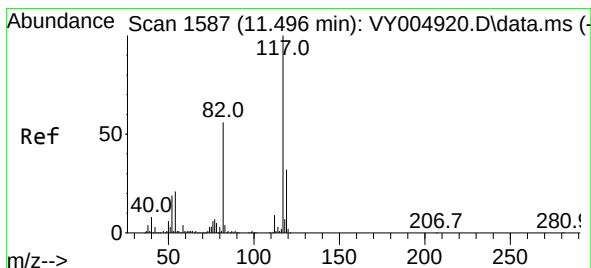
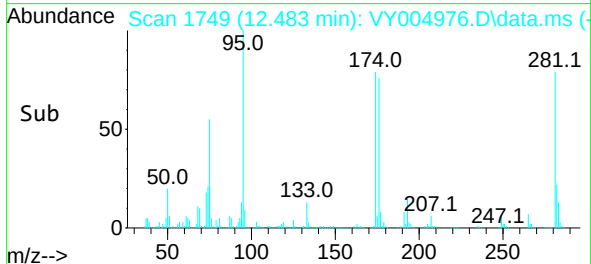
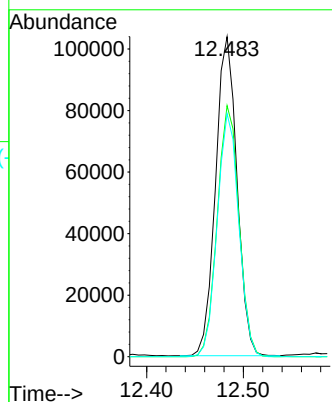
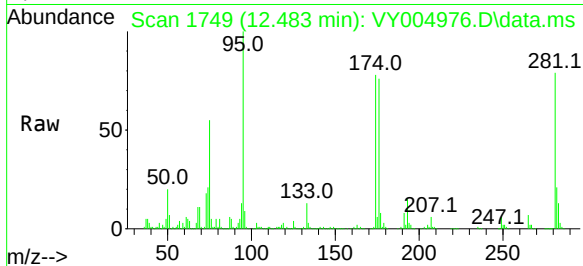




#62
4-Bromofluorobenzene
Concen: 60.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

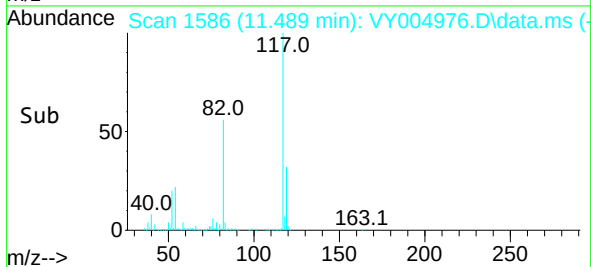
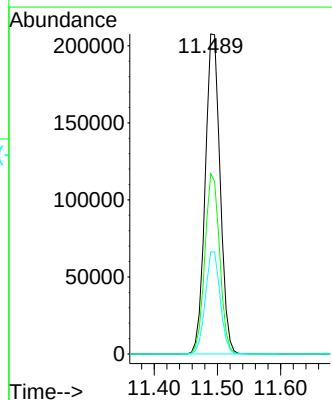
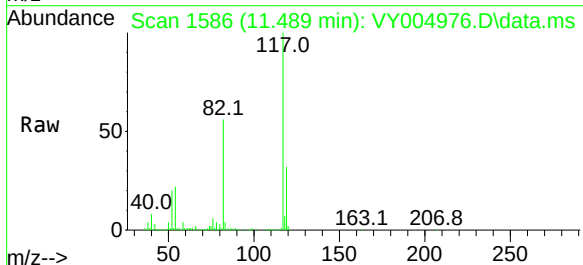
Instrument :
MSVOA_Y
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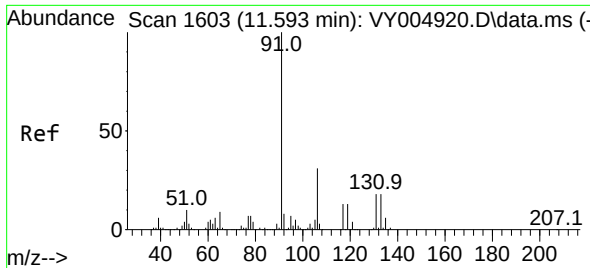
Tgt Ion: 95 Resp: 159190
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.8
176 76.5 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 117 Resp: 340237
Ion Ratio Lower Upper
117 100
82 56.4 44.8 67.2
119 31.9 25.2 37.8

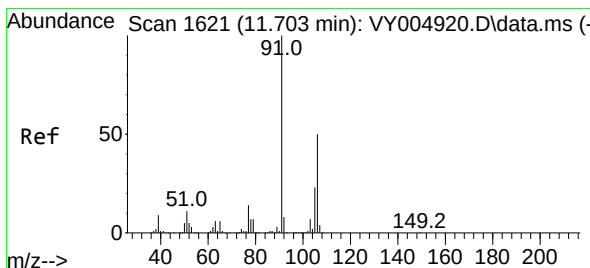
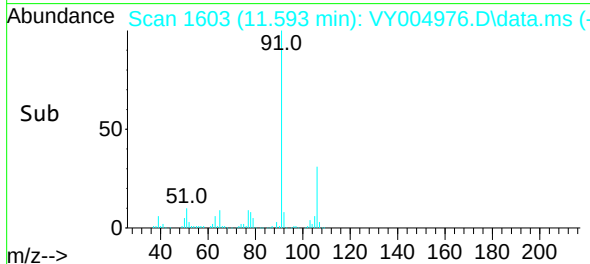
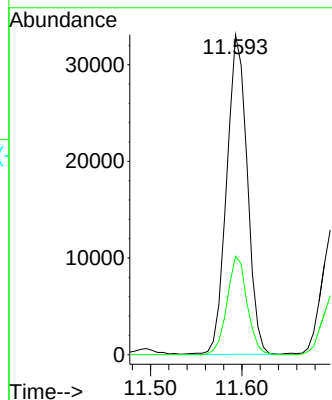
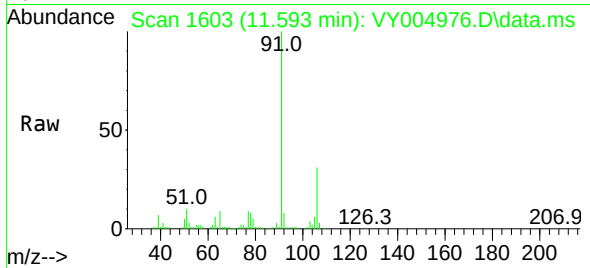




#67
Ethyl Benzene
Concen: 4.140 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

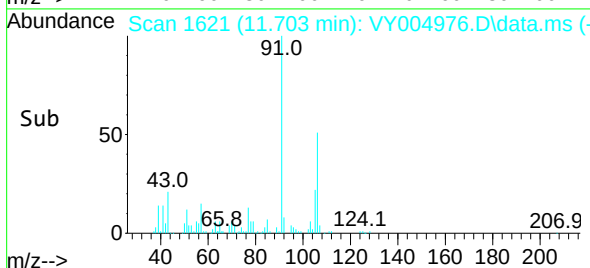
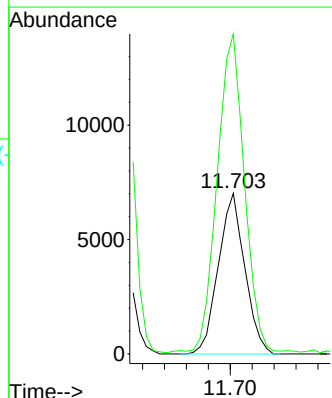
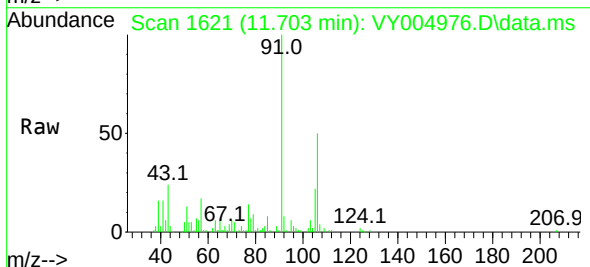
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

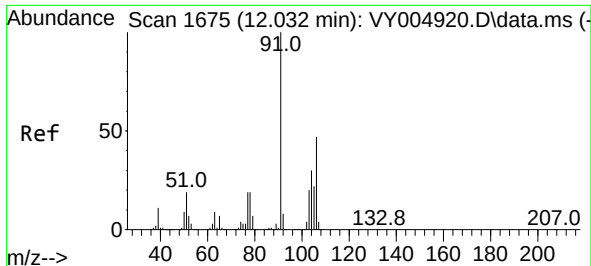
Tgt Ion: 91 Resp: 51571
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 2.518 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 106 Resp: 11751
Ion Ratio Lower Upper
106 100
91 205.4 161.9 242.9

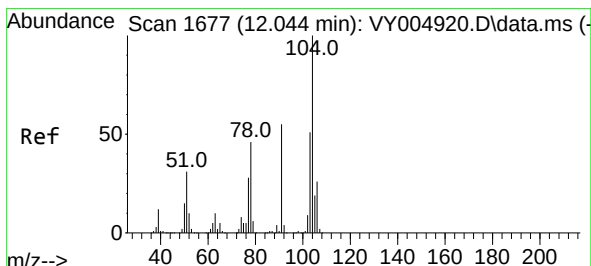
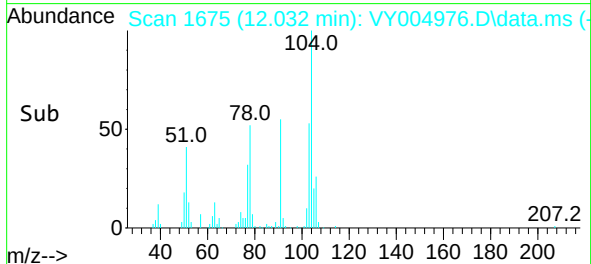
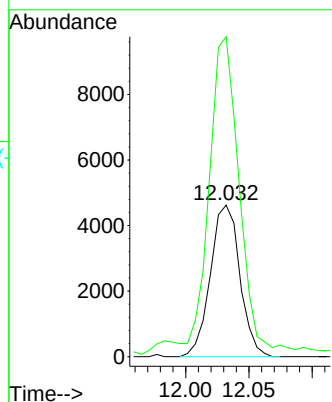
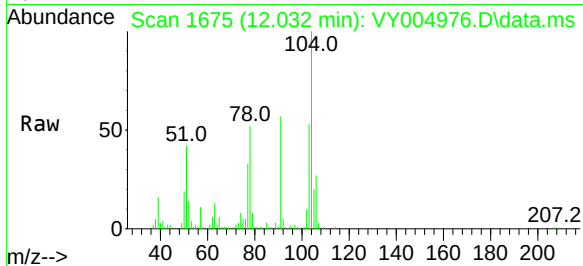




#69
o-Xylene
Concen: 1.721 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

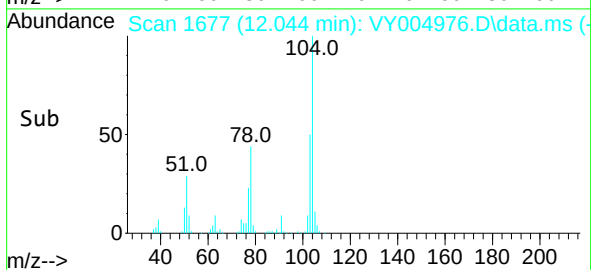
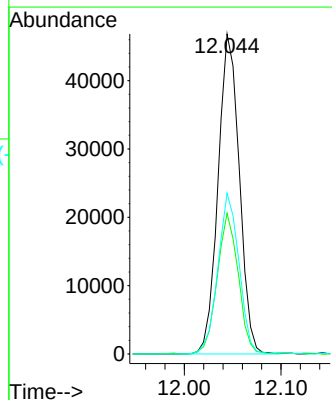
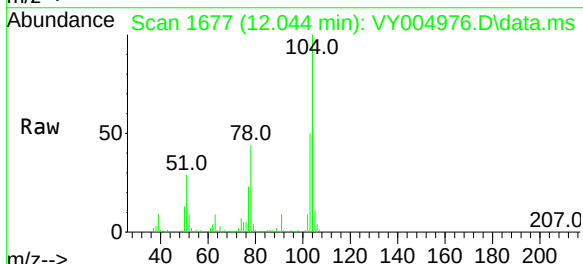
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

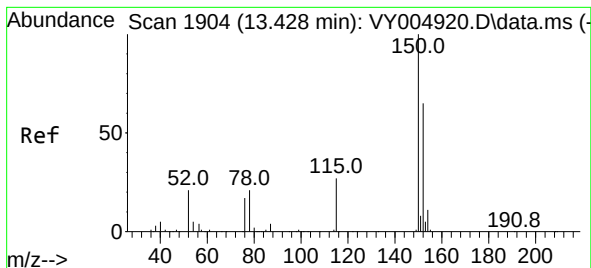
Tgt Ion:106 Resp: 7480
Ion Ratio Lower Upper
106 100
91 212.1 108.0 324.0



#70
Styrene
Concen: 9.845 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion:104 Resp: 71295
Ion Ratio Lower Upper
104 100
78 43.6 40.2 60.2
103 49.9 44.0 66.0

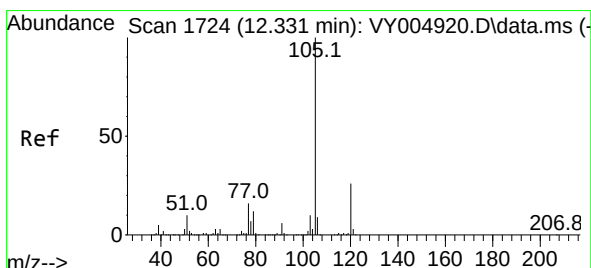
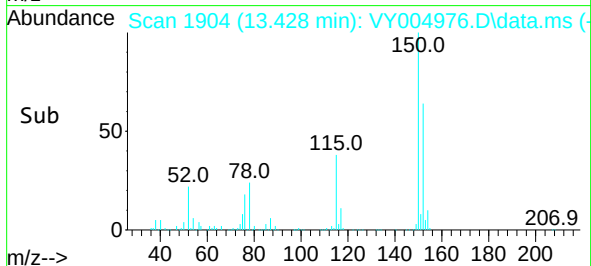
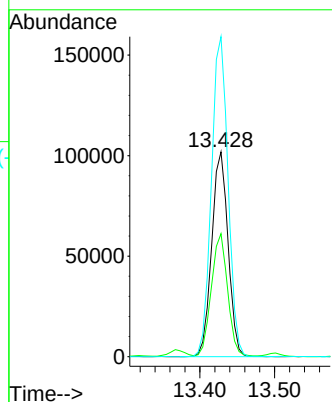
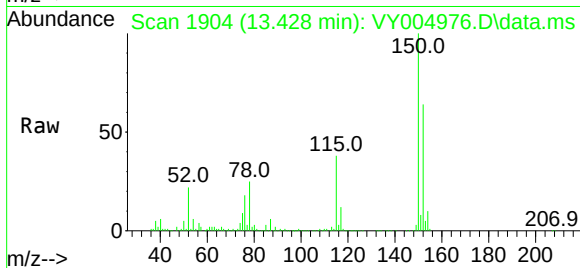




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

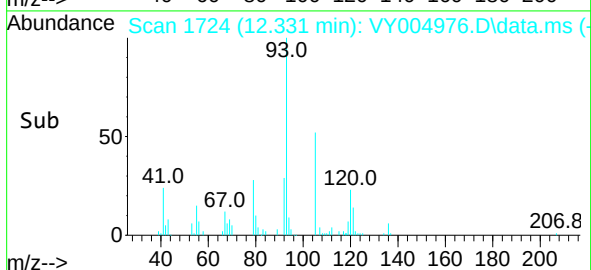
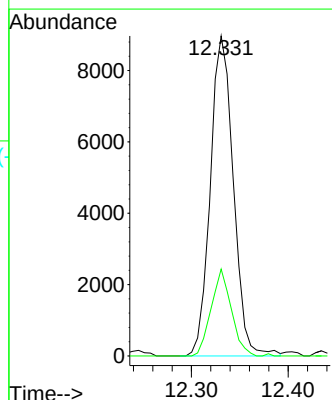
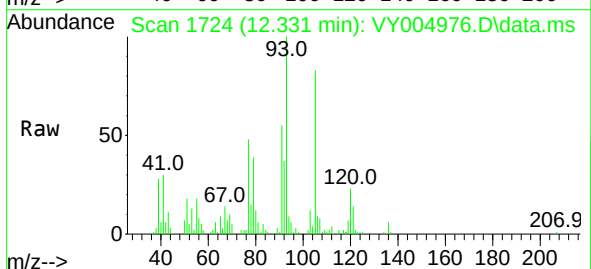
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

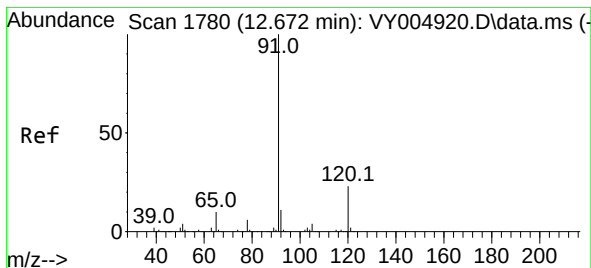
Tgt Ion:152 Resp: 155267
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 158.4 0.0 347.8



#73
Isopropylbenzene
Concen: 1.267 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion:105 Resp: 14855
Ion Ratio Lower Upper
105 100
120 23.8 13.3 39.9

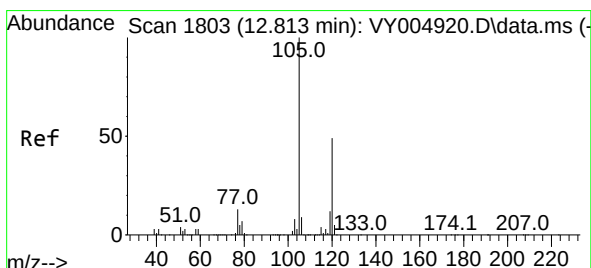
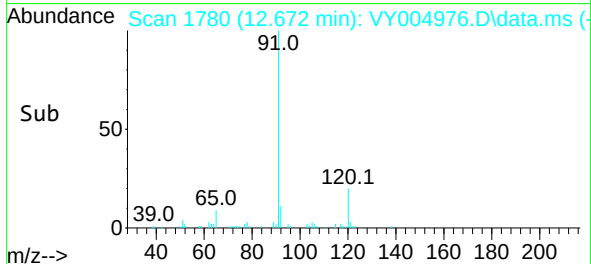
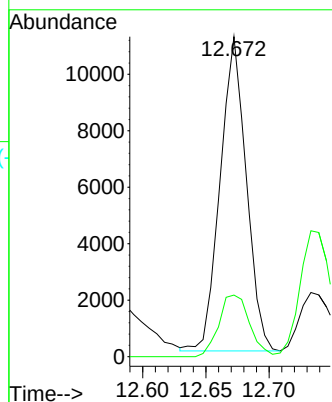
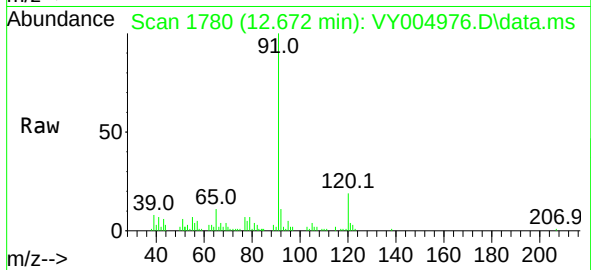




#78
n-propylbenzene
Concen: 1.133 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

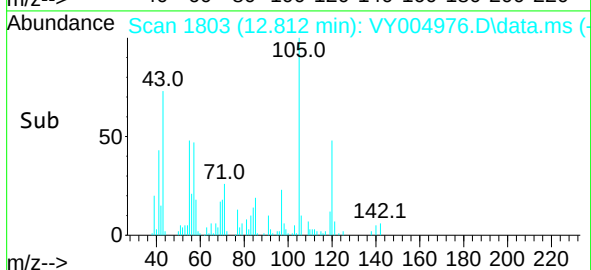
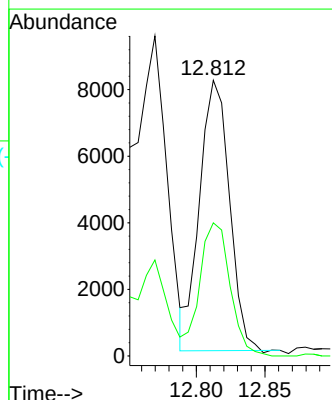
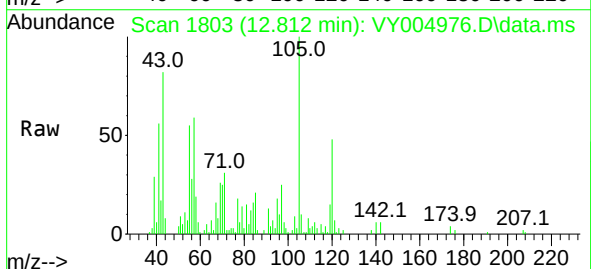
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

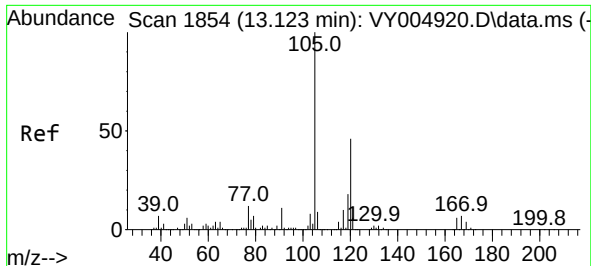
Tgt Ion: 91 Resp: 16011
Ion Ratio Lower Upper
91 100
120 23.0 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 1.268 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 105 Resp: 12265
Ion Ratio Lower Upper
105 100
120 50.5 24.5 73.5

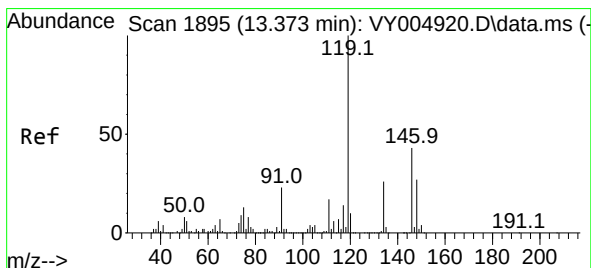
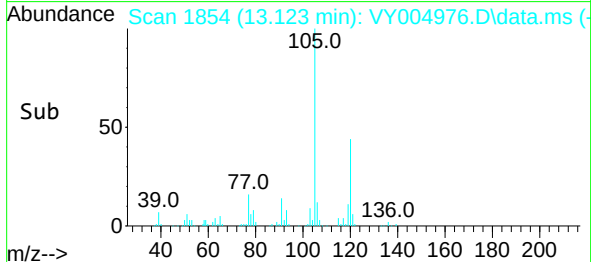
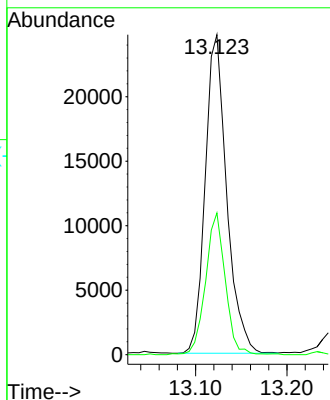
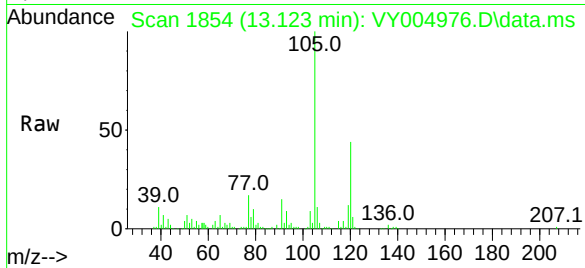




#84
1,2,4-Trimethylbenzene
Concen: 4.183 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

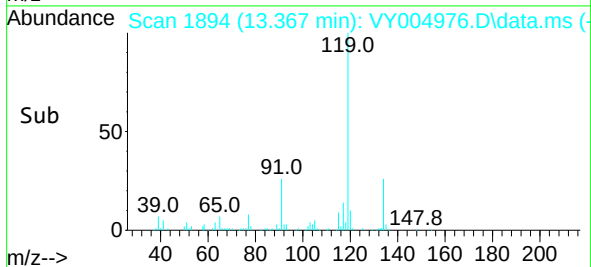
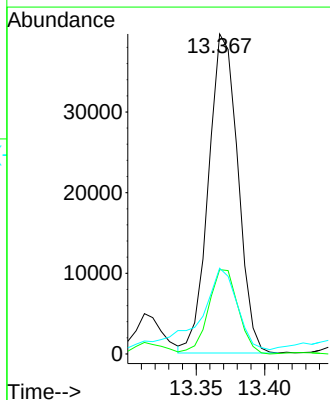
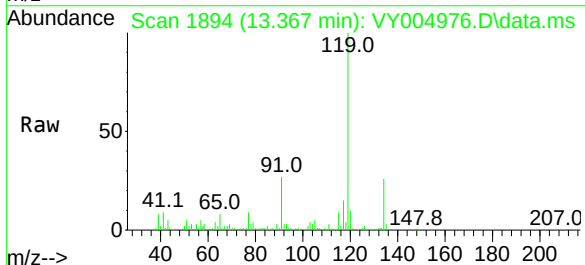
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

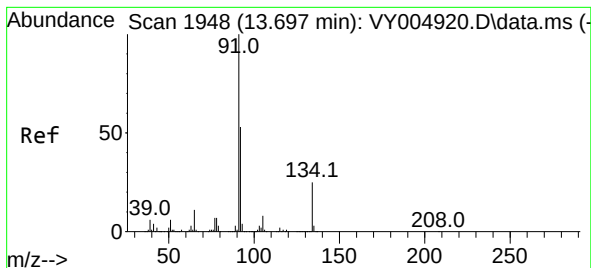
Tgt Ion:105 Resp: 40222
Ion Ratio Lower Upper
105 100
120 40.8 22.6 67.7



#86
p-Isopropyltoluene
Concen: 5.771 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion:119 Resp: 58987
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.7
91 34.2 11.9 35.5

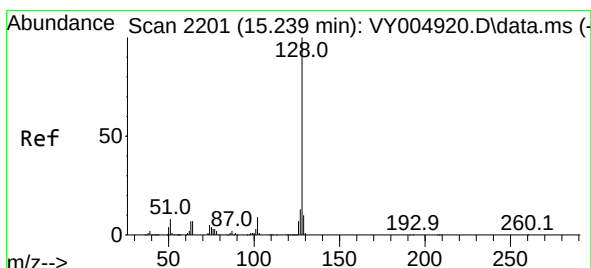
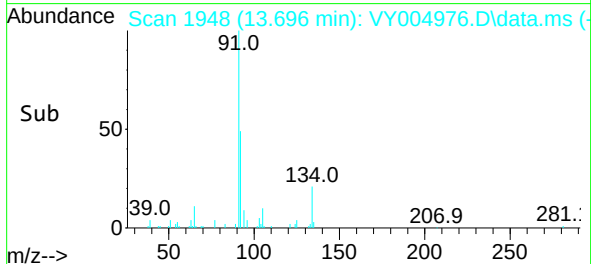
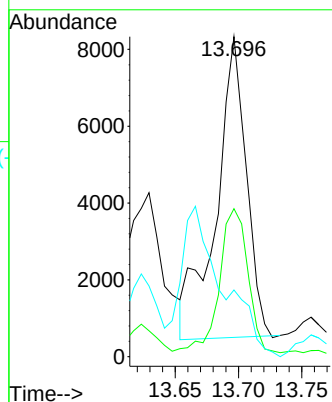
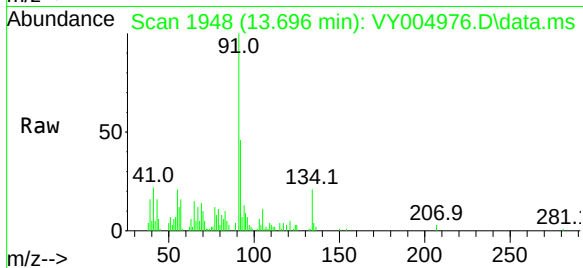




#89
n-Butylbenzene
Concen: 1.319 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(10-14)

Tgt Ion: 91	Resp: 12963
Ion Ratio	Lower Upper
91 100	
92 45.5	26.8 80.3
134 0.0	13.0 38.9#



#95
Naphthalene
Concen: 28.112 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004976.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 128	Resp: 171072
Ion Ratio	Lower Upper
128 100	
127 12.6	10.2 15.2
129 10.7	8.7 13.1

