

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005353.D
 Acq On : 02 Jul 2021 19:48
 Operator : SY/MD
 Sample : M2933-02
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Jul 05 01:08:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

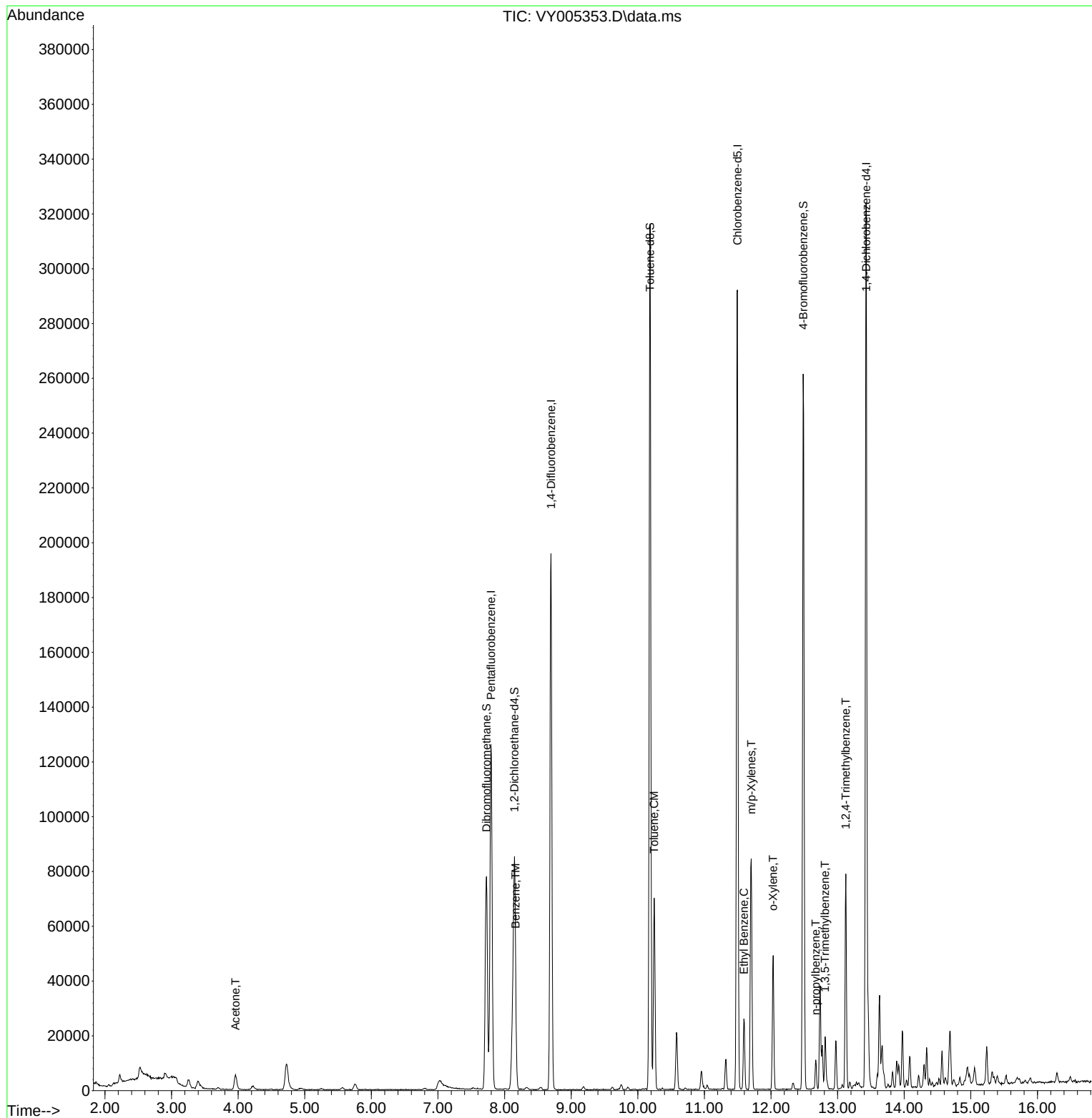
Internal Standards						
1) Pentafluorobenzene	7.795	168	106882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	169173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57038	64.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.620%	
35) Dibromofluoromethane	7.728	113	54864	54.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.040%	
50) Toluene-d8	10.184	98	211102	51.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.483	95	69117	51.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	9419	45.969	ug/l	98
40) Benzene	8.167	78	7874	1.761	ug/l	98
52) Toluene	10.245	92	28850	10.094	ug/l	99
67) Ethyl Benzene	11.593	91	17493	3.025	ug/l	98
68) m/p-Xylenes	11.702	106	26615	11.489	ug/l	98
69) o-Xylene	12.032	106	12823	5.846	ug/l	98
78) n-propylbenzene	12.672	91	7957	1.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	9145	1.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	39960	8.655	ug/l	100

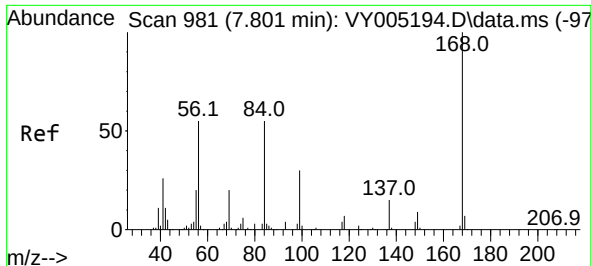
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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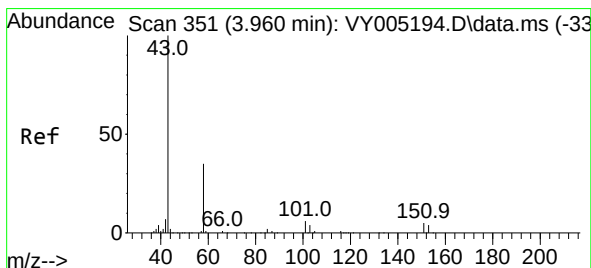
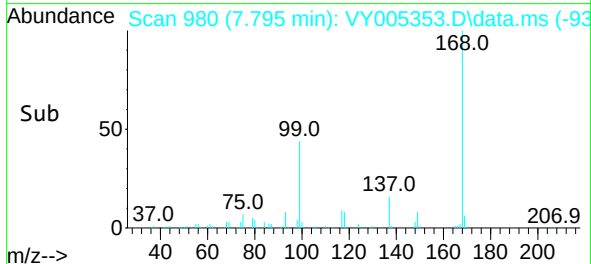
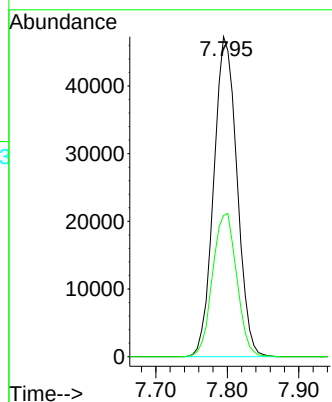
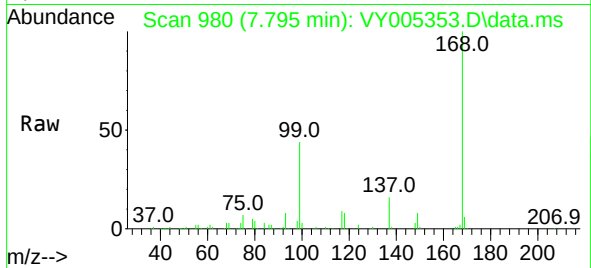




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

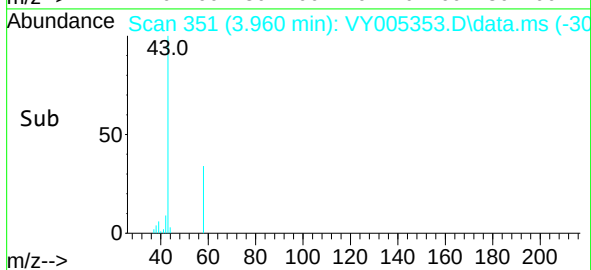
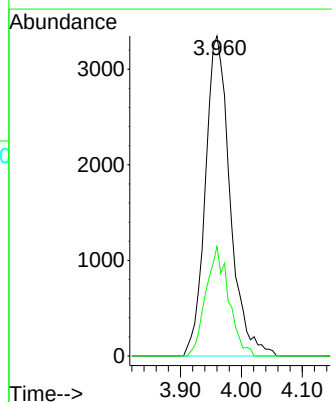
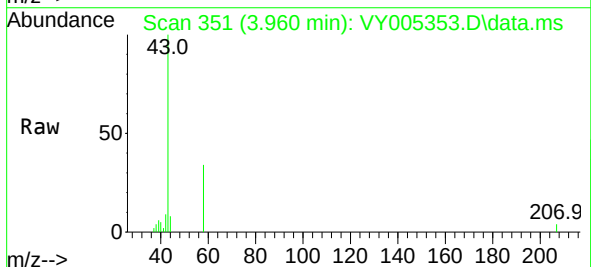
Instrument :
MSVOA_Y
ClientSampleId :
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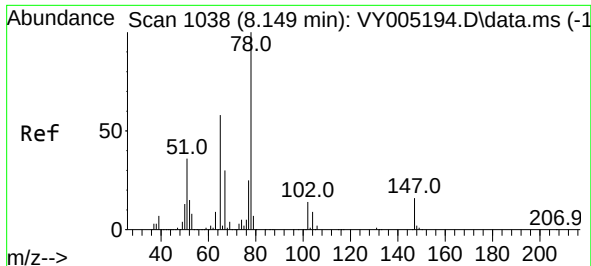
Tgt Ion:168 Resp: 106882
Ion Ratio Lower Upper
168 100
99 44.1 36.2 54.4



#16
Acetone
Concen: 45.969 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 43 Resp: 9419
Ion Ratio Lower Upper
43 100
58 34.2 28.2 42.2

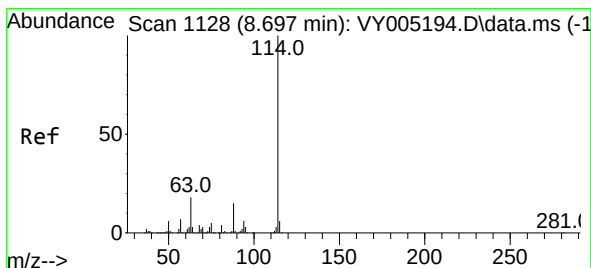
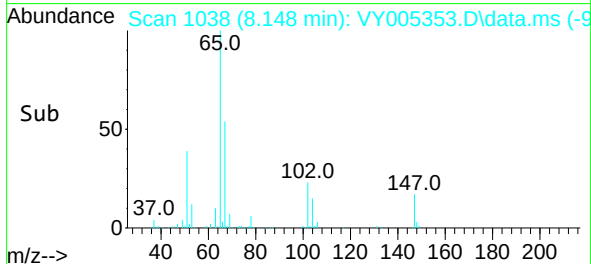
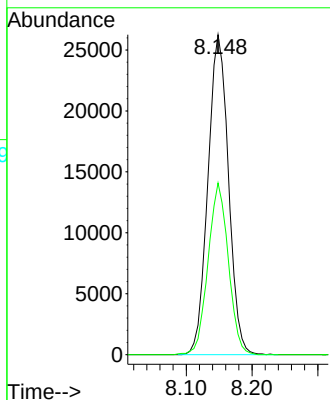
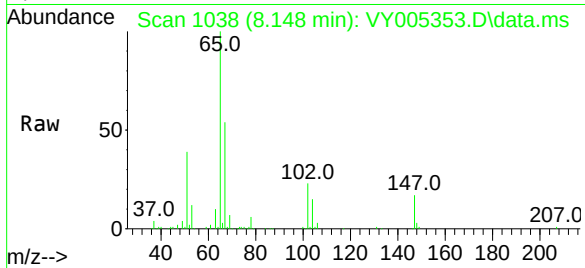




#33
1,2-Dichloroethane-d4
Concen: 64.307 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

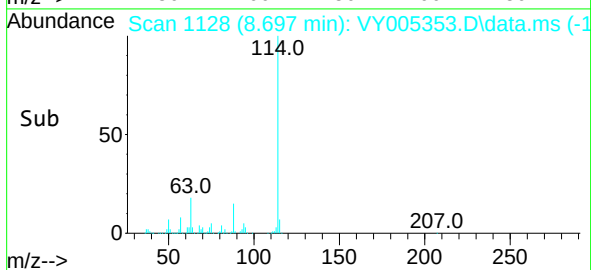
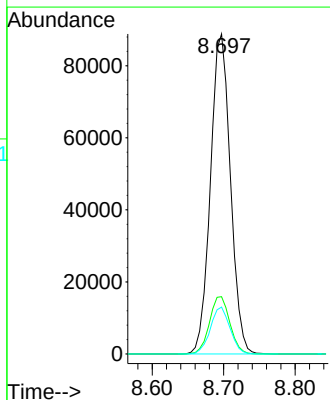
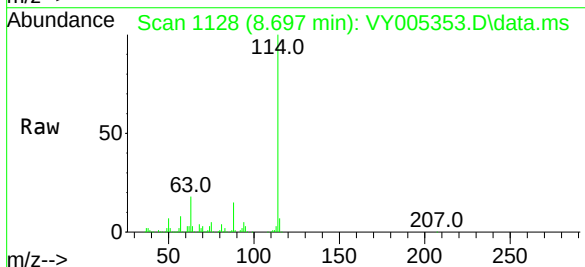
Instrument :
MSVOA_Y
ClientSampled :
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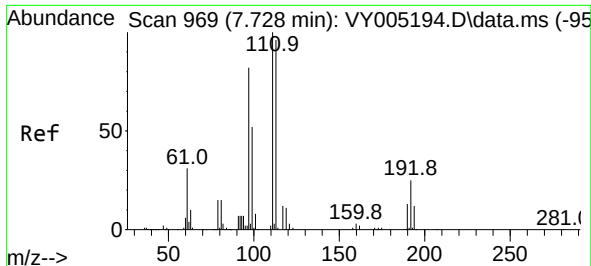
Tgt Ion: 65 Resp: 57038
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 114 Resp: 172212
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.2
88 14.6 0.0 29.4

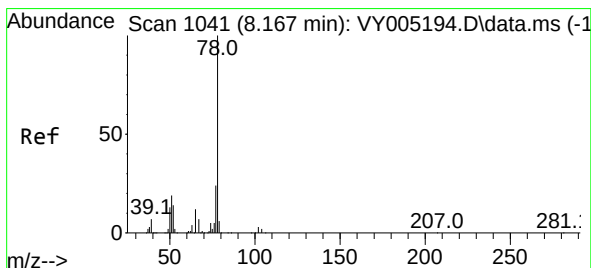
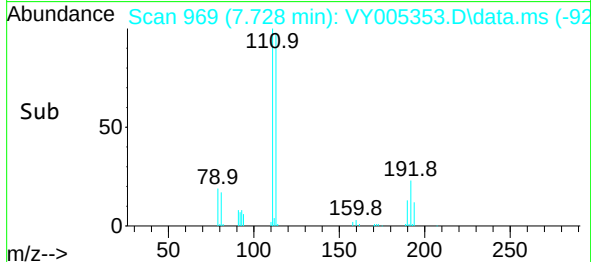
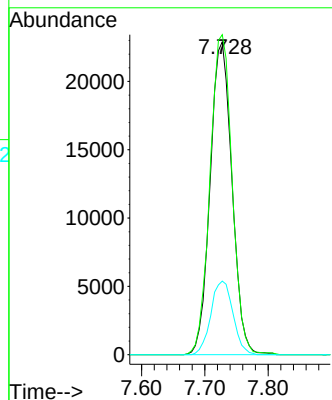
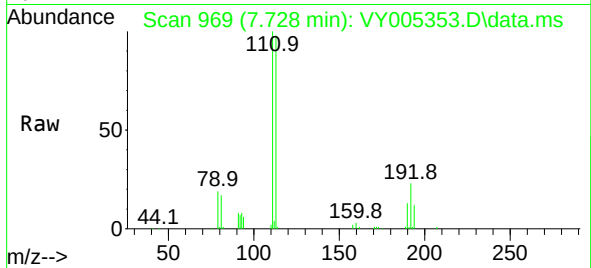




#35
Dibromofluoromethane
Concen: 54.020 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

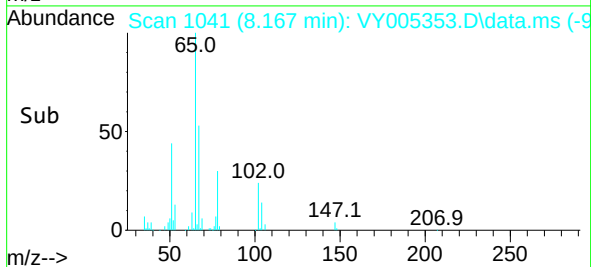
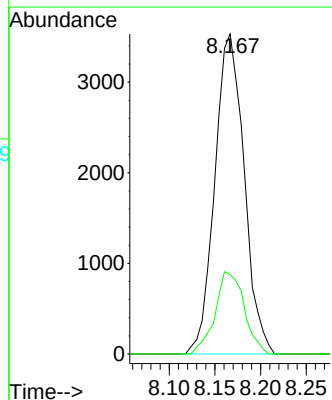
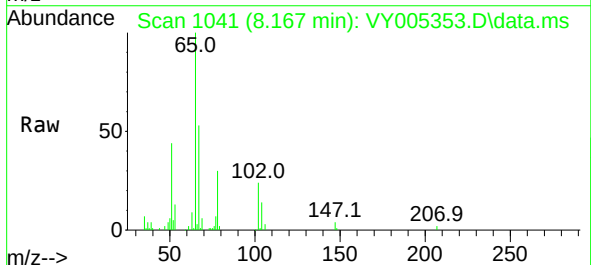
Instrument :
MSVOA_Y
ClientSampled :
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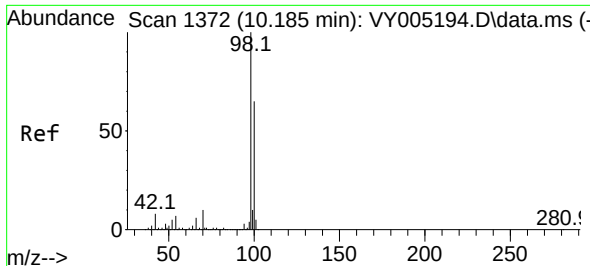
Tgt Ion:113 Resp: 54864
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 23.8 20.2 30.2



#40
Benzene
Concen: 1.761 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 78 Resp: 7874
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

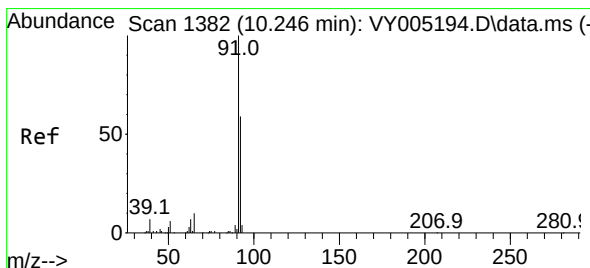
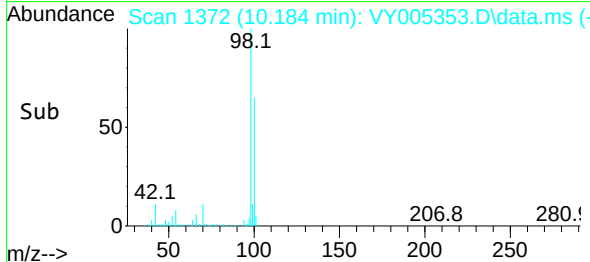
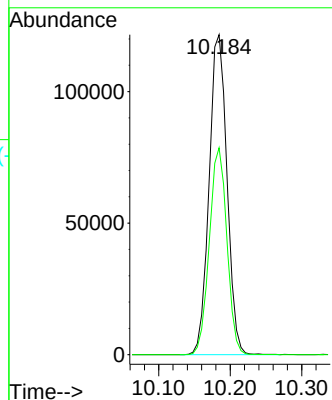
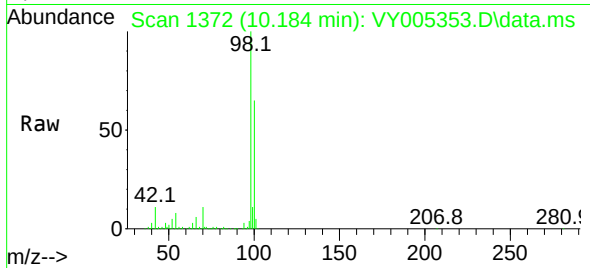




#50
Toluene-d8
Concen: 51.975 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

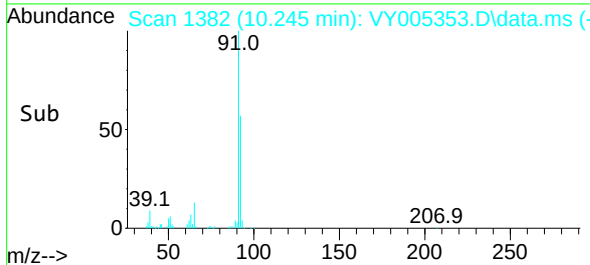
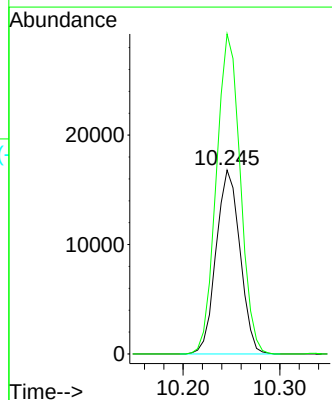
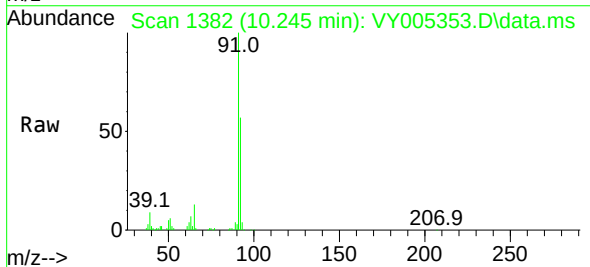
Instrument :
MSVOA_Y
ClientSampled :
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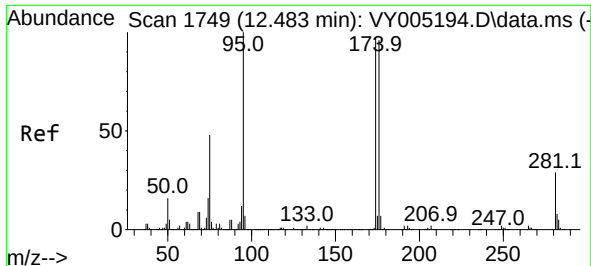
Tgt Ion: 98 Resp: 211102
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#52
Toluene
Concen: 10.094 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 92 Resp: 28850
Ion Ratio Lower Upper
92 100
91 174.2 138.3 207.5

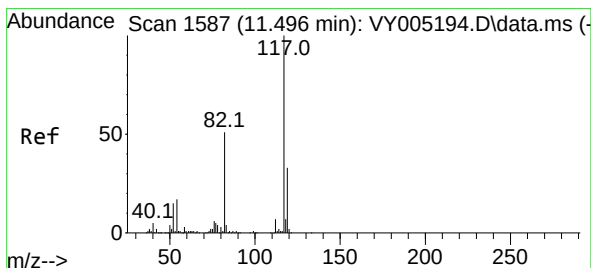
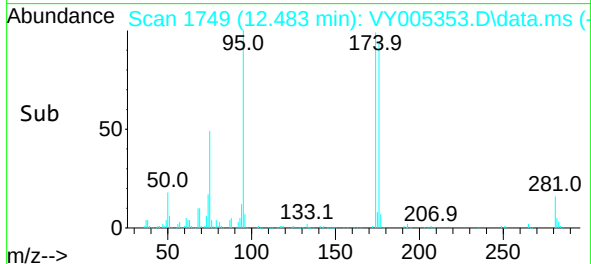
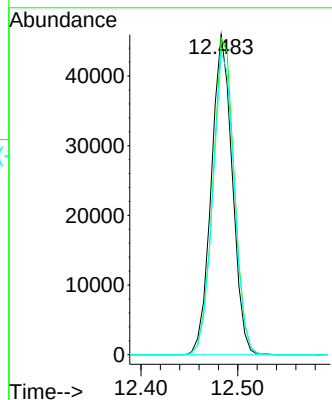
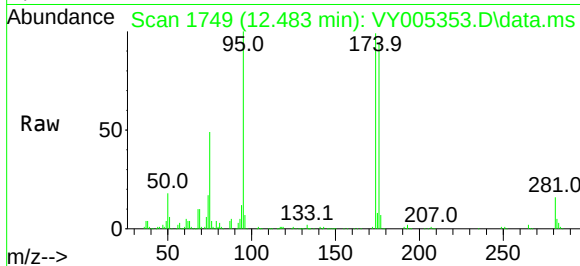




#62
4-Bromofluorobenzene
Concen: 51.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

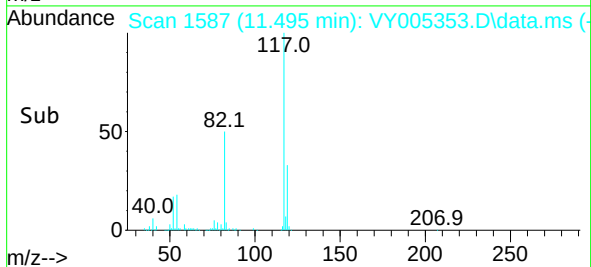
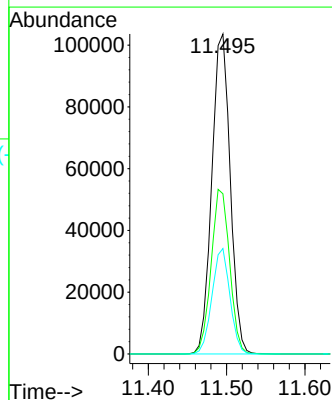
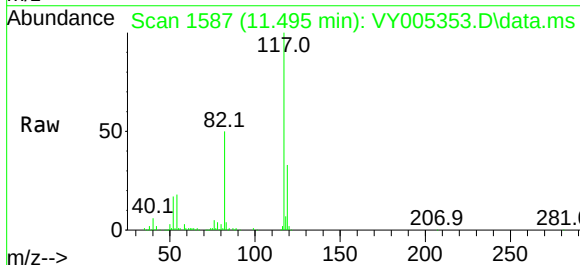
Instrument :
MSVOA_Y
ClientSampleId :
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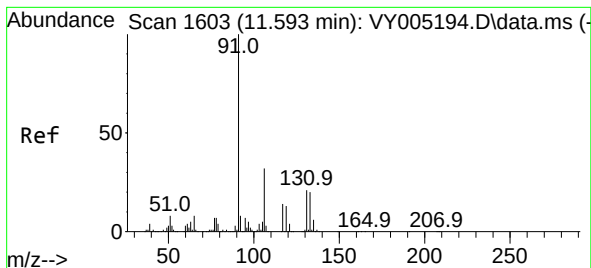
Tgt Ion: 95 Resp: 69117
Ion Ratio Lower Upper
95 100
174 100.9 0.0 201.6
176 96.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 117 Resp: 169173
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 33.0 26.1 39.1

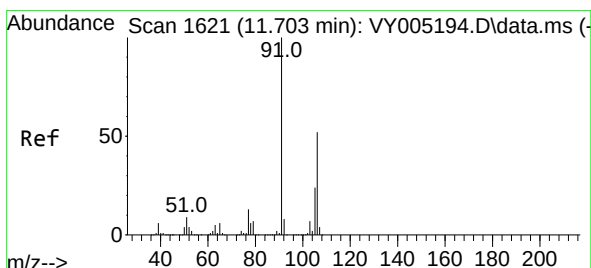
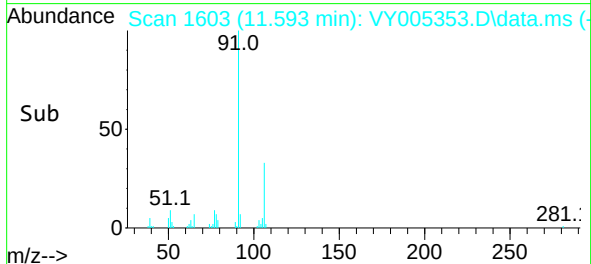
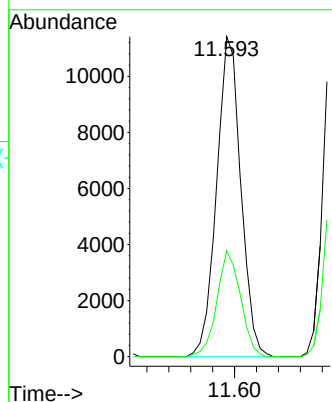
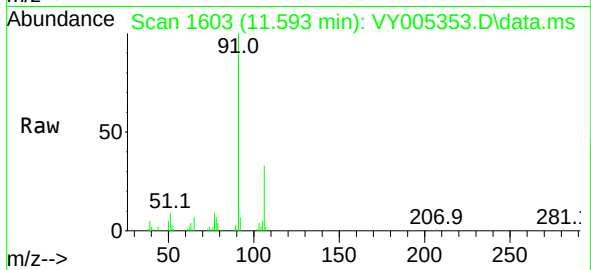




#67
Ethyl Benzene
Concen: 3.025 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

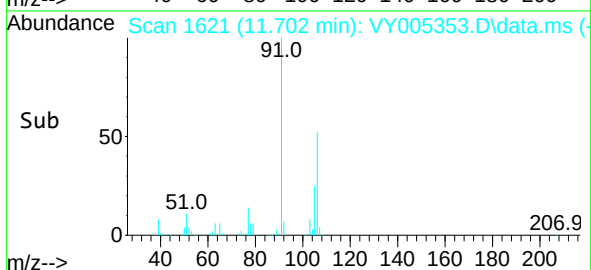
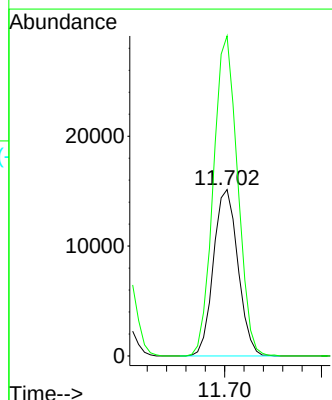
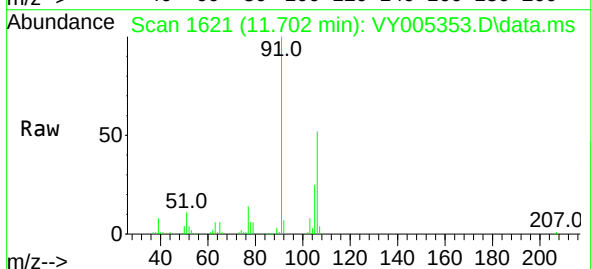
Instrument :
MSVOA_Y
ClientSampled :
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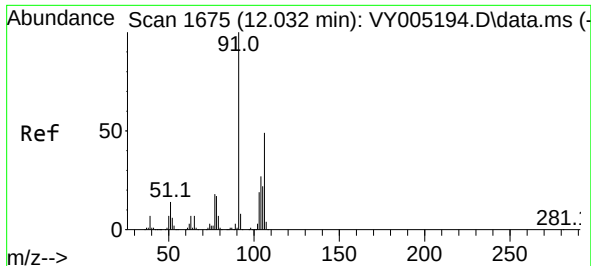
Tgt Ion: 91 Resp: 17493
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.6



#68
m/p-Xylenes
Concen: 11.489 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion:106 Resp: 26615
Ion Ratio Lower Upper
106 100
91 190.4 154.8 232.2

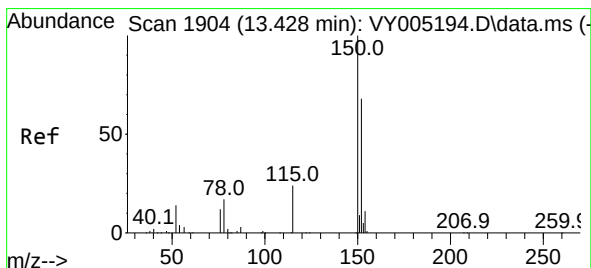
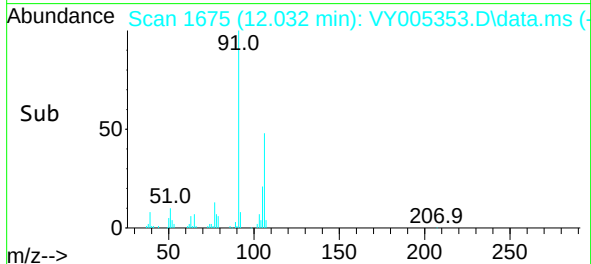
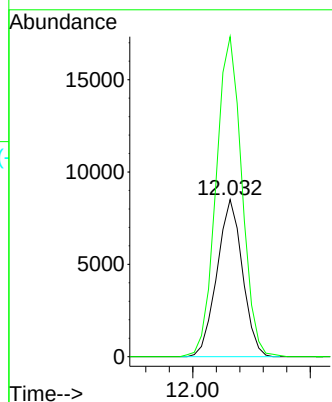
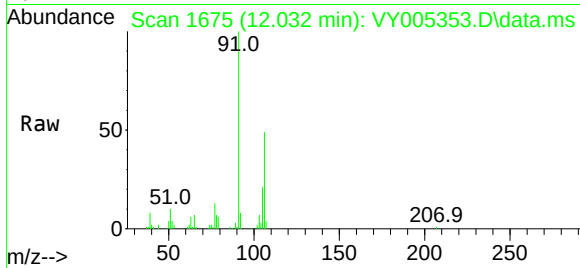




#69
o-Xylene
Concen: 5.846 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

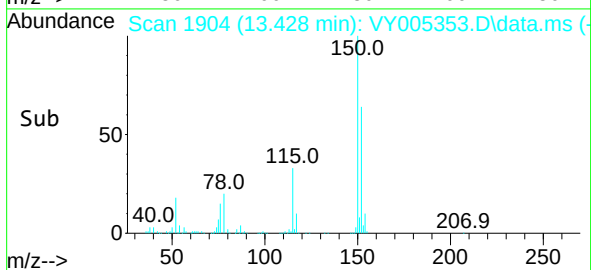
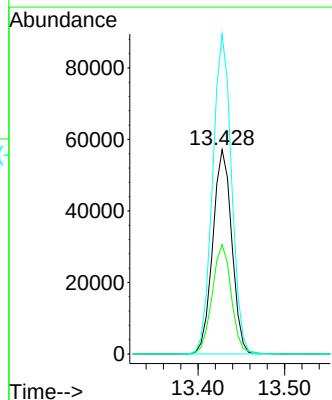
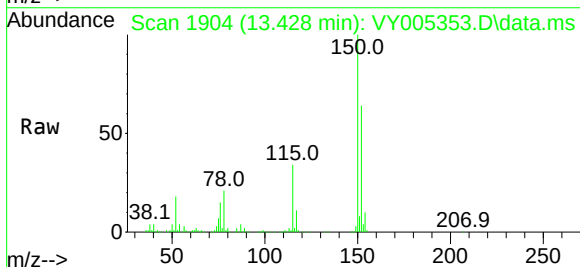
Instrument :
MSVOA_Y
ClientSampled :
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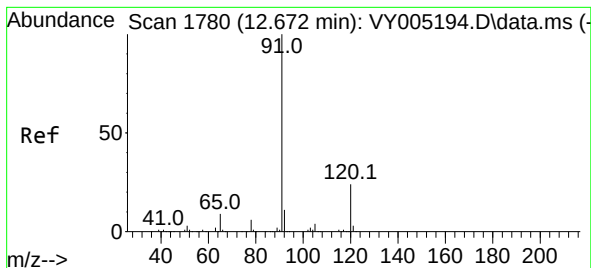
Tgt Ion:106 Resp: 12823
Ion Ratio Lower Upper
106 100
91 205.9 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion:152 Resp: 87033
Ion Ratio Lower Upper
152 100
115 54.1 26.3 78.8
150 155.8 0.0 344.2

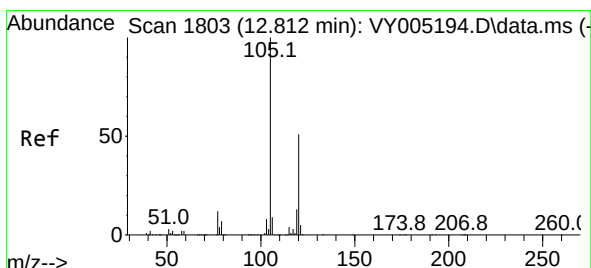
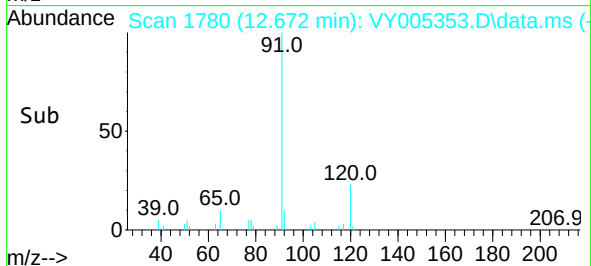
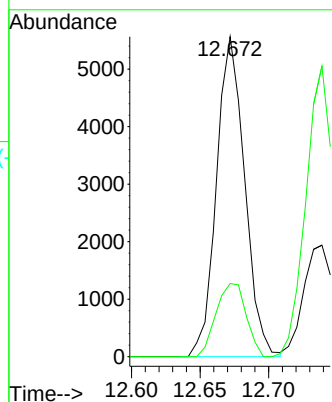
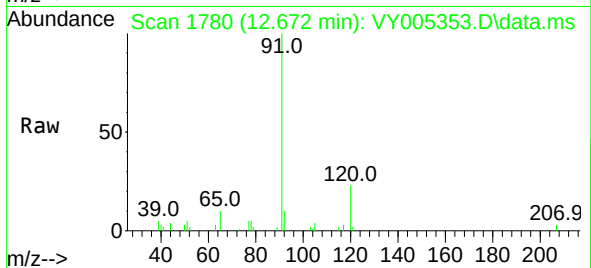




#78
n-propylbenzene
Concen: 1.195 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

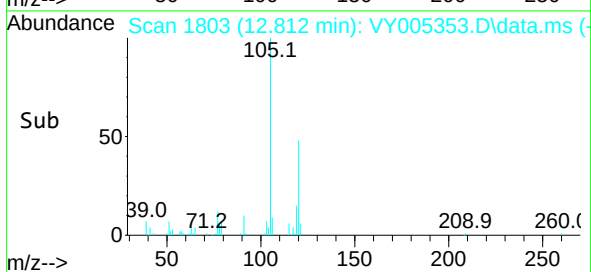
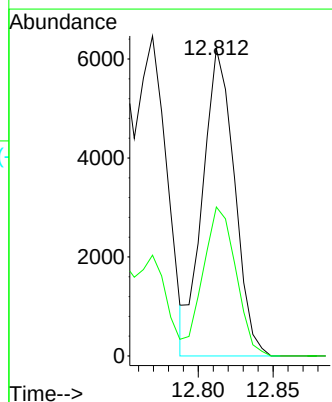
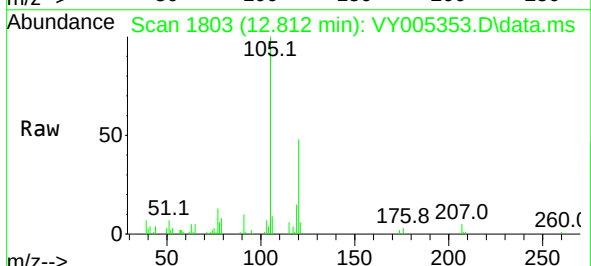
Instrument :
MSVOA_Y
ClientSampled :
2

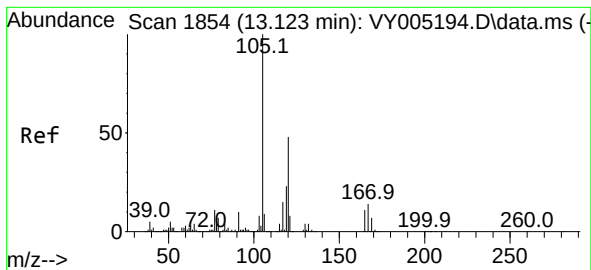
Tgt Ion: 91 Resp: 7957
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.0



#80
1,3,5-Trimethylbenzene
Concen: 1.958 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005353.D
Acq: 02 Jul 2021 19:48

Tgt Ion: 105 Resp: 9145
Ion Ratio Lower Upper
105 100
120 50.4 25.9 77.7





#84
 1,2,4-Trimethylbenzene
 Concen: 8.655 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY005353.D
 Acq: 02 Jul 2021 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Tgt Ion:105 Resp: 39960
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 71.0

