

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005344.D
 Acq On : 02 Jul 2021 15:55
 Operator : SY/MD
 Sample : M2933-04
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

Quant Time: Jul 05 01:06:10 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)

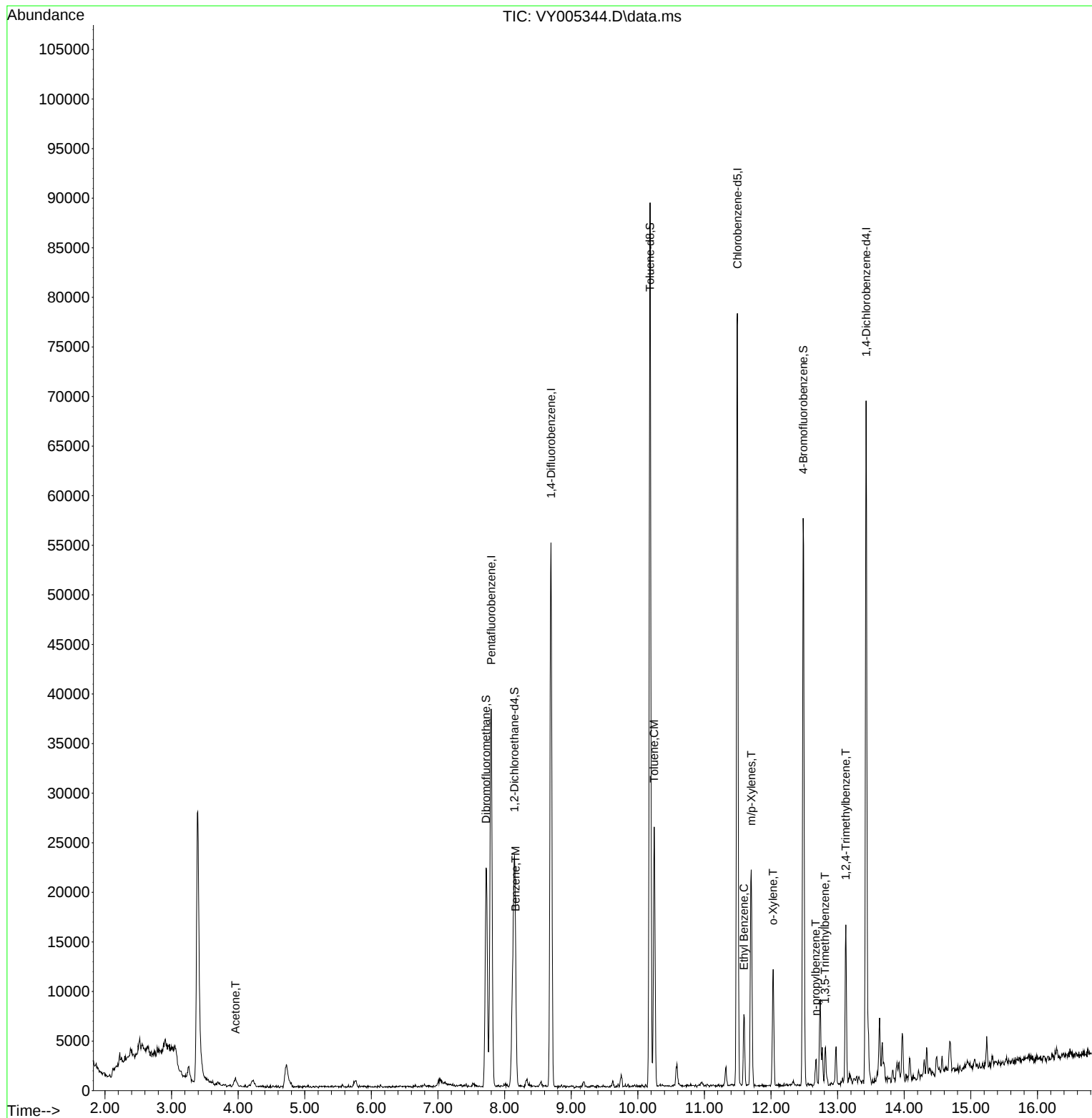
Internal Standards						
1) Pentafluorobenzene	7.801	168	33240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	48363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14723	53.374	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.740%		
35) Dibromofluoromethane	7.722	113	15272	53.544	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.080%		
50) Toluene-d8	10.185	98	57792	50.667	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.340%		
62) 4-Bromofluorobenzene	12.483	95	15684	41.264	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 82.520%		
Target Compounds						
16) Acetone	3.960	43	1381	21.672	ug/l	Qvalue 96
40) Benzene	8.167	78	4055	3.229	ug/l	96
52) Toluene	10.246	92	10865	13.536	ug/l	99
67) Ethyl Benzene	11.593	91	4910	3.227	ug/l	99
68) m/p-Xylenes	11.703	106	7070	11.596	ug/l	92
69) o-Xylene	12.032	106	3275	5.673	ug/l	99
78) n-propylbenzene	12.672	91	2186	1.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2162	2.153	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	8088	8.145	ug/l	98

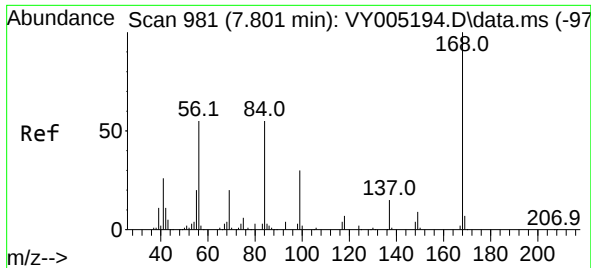
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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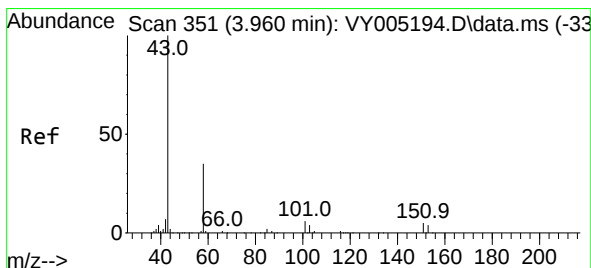
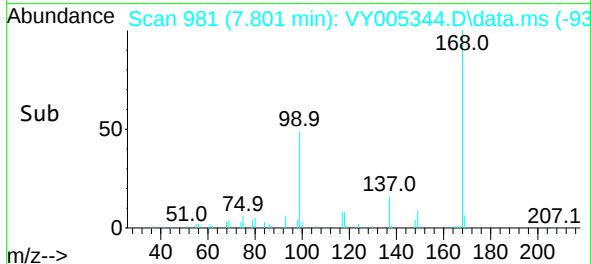
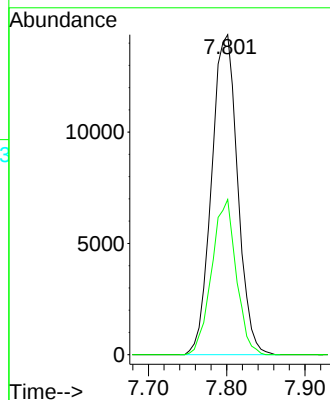
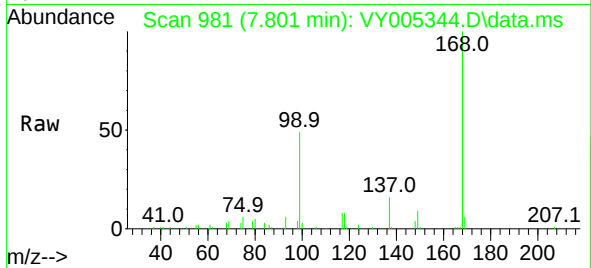




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

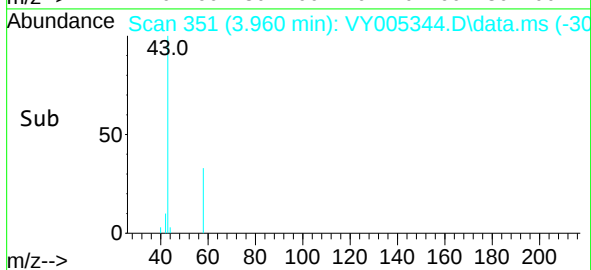
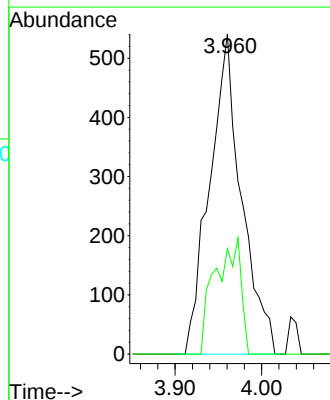
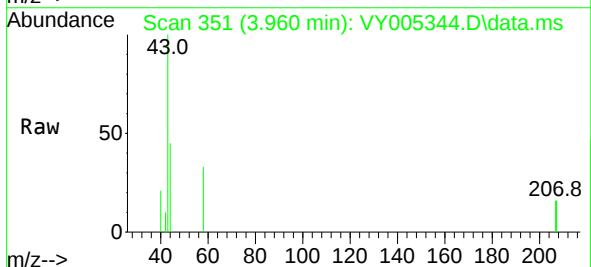
Instrument :
MSVOA_Y
ClientSampled :
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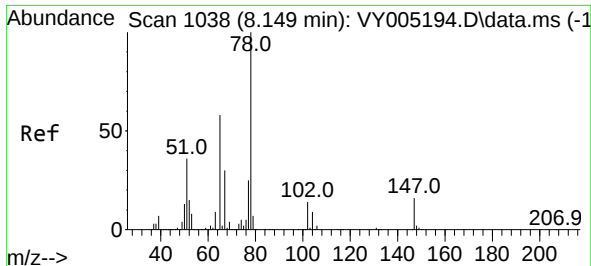
Tgt Ion:168 Resp: 33240
Ion Ratio Lower Upper
168 100
99 48.5 36.2 54.4



#16
Acetone
Concen: 21.672 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 32.9 28.2 42.2



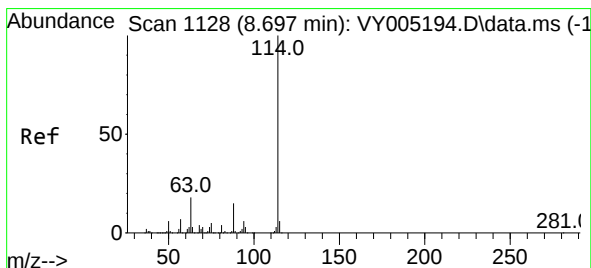
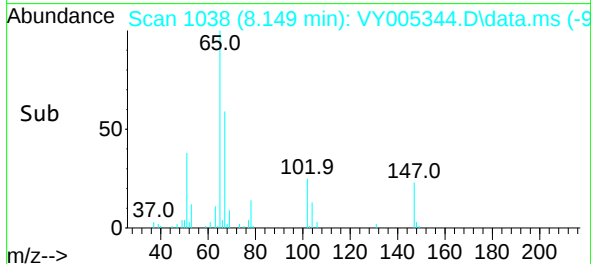
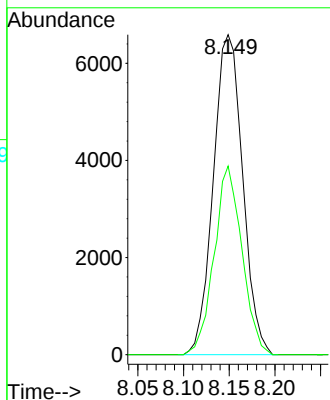
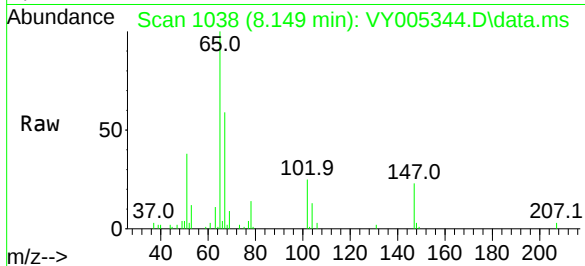


#33
 1,2-Dichloroethane-d4
 Concen: 53.374 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005344.D
 Acq: 02 Jul 2021 15:55

Instrument :
 MSVOA_Y
 ClientSampled :
 4

Tgt Ion: 65 Resp: 14723

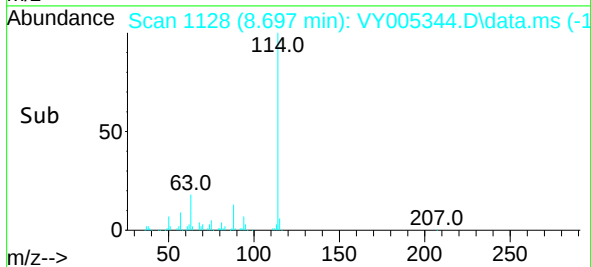
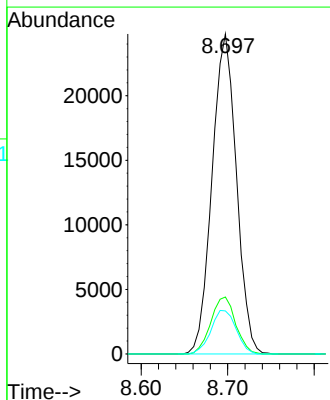
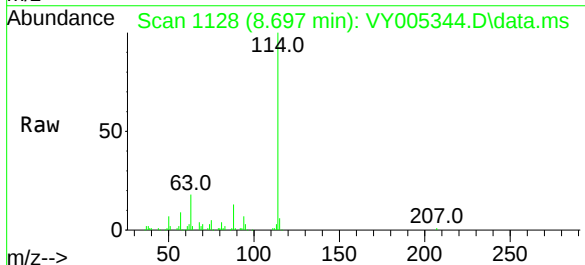
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.6

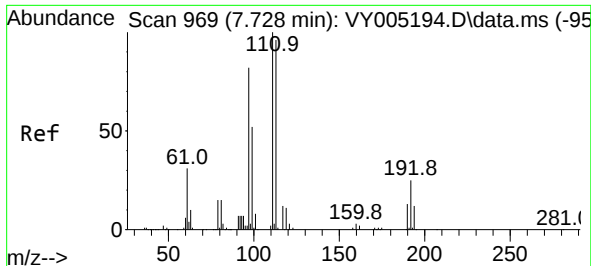


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005344.D
 Acq: 02 Jul 2021 15:55

Tgt Ion: 114 Resp: 48363

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	13.5	0.0	29.4

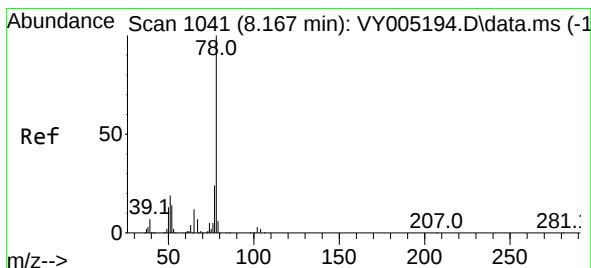
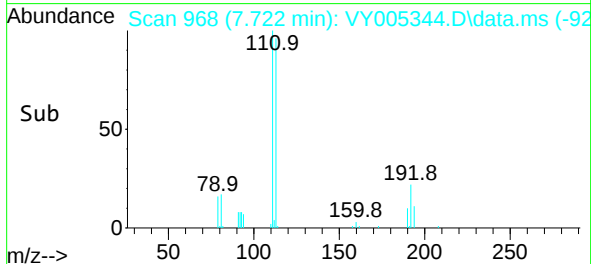
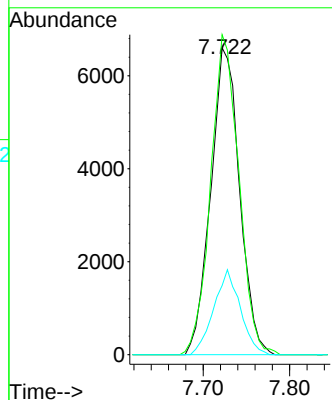
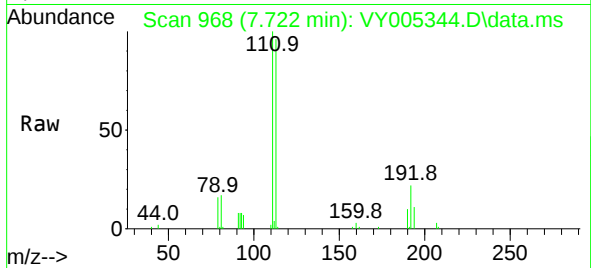




#35
Dibromofluoromethane
Concen: 53.544 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

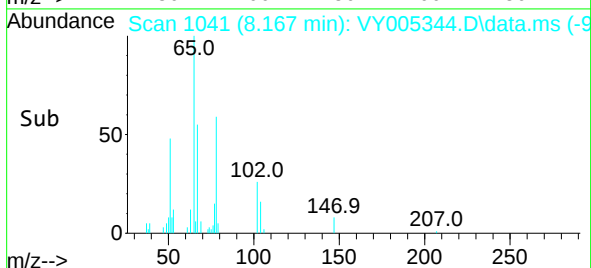
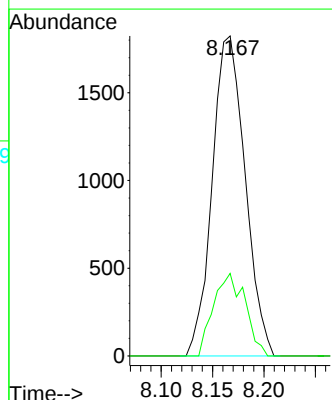
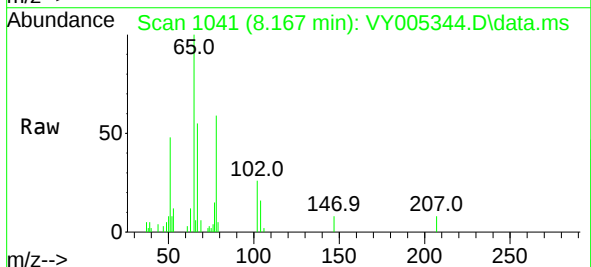
Instrument :
MSVOA_Y
ClientSampleId :
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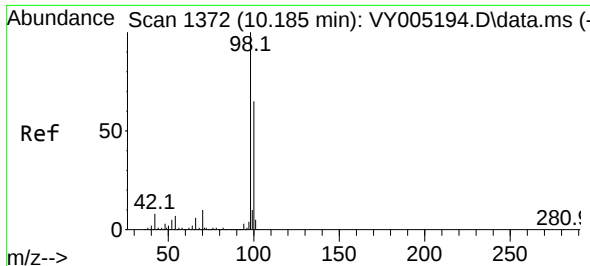
Tgt Ion:113 Resp: 15272
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 25.5 20.2 30.2



#40
Benzene
Concen: 3.229 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion: 78 Resp: 4055
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7

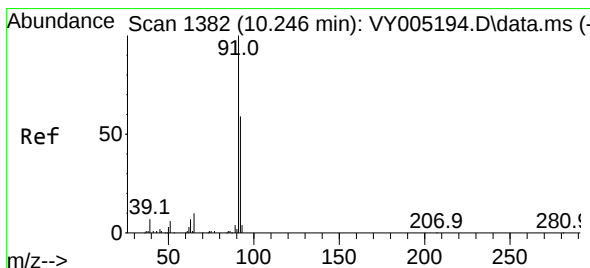
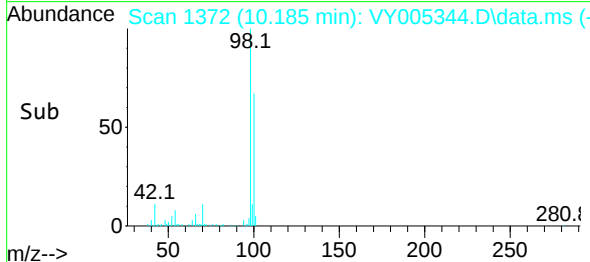
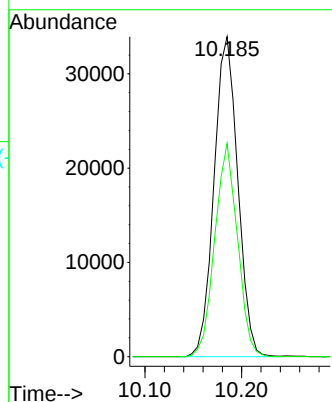
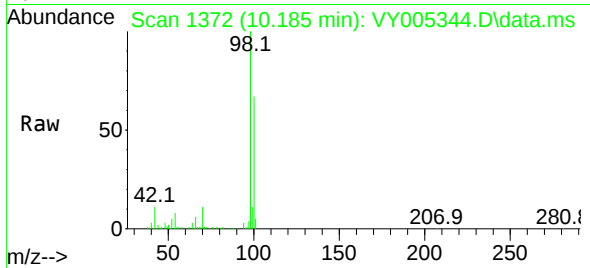




#50
Toluene-d8
Concen: 50.667 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

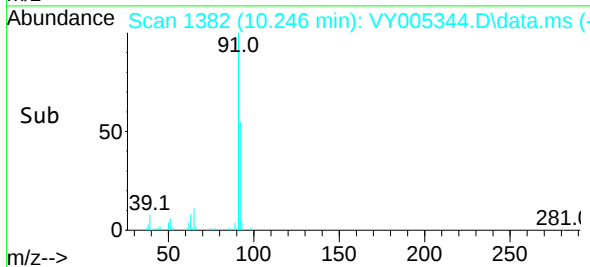
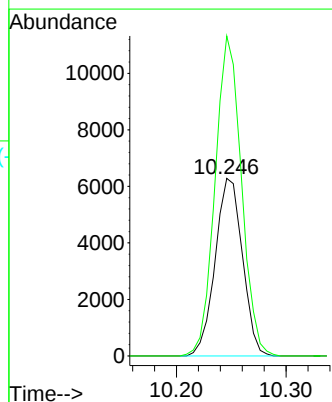
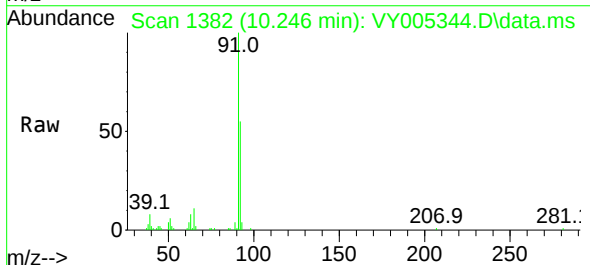
Instrument :
MSVOA_Y
ClientSampled :
4

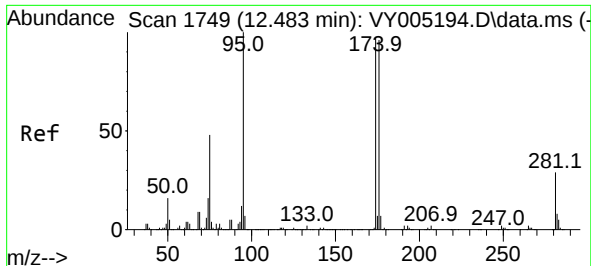
Tgt Ion: 98 Resp: 57792
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#52
Toluene
Concen: 13.536 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion: 92 Resp: 10865
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5

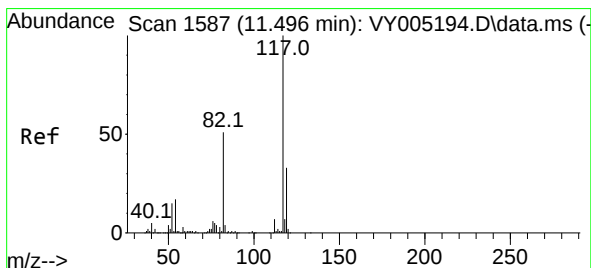
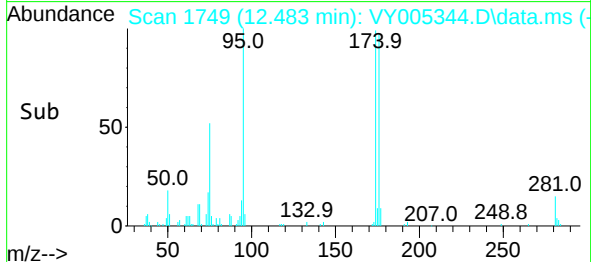
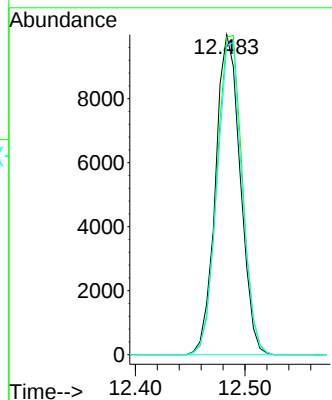
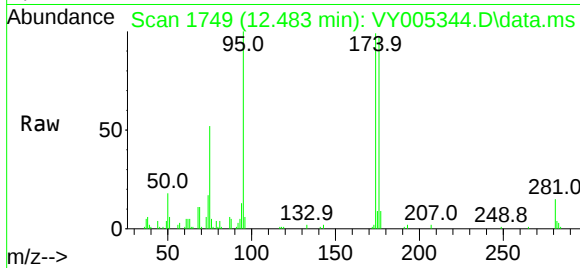




#62
4-Bromofluorobenzene
Concen: 41.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

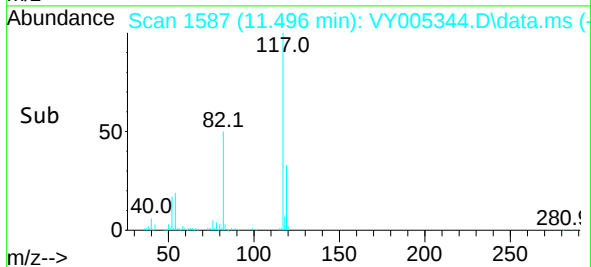
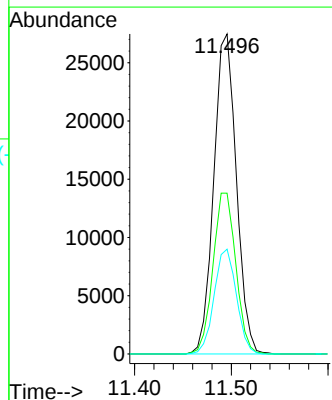
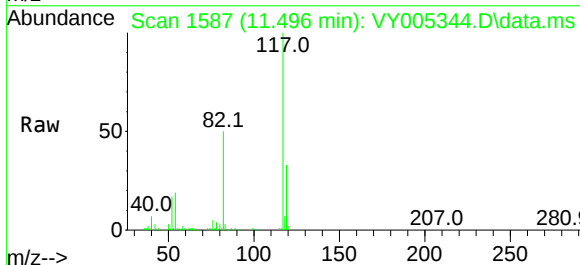
Instrument :
MSVOA_Y
ClientSampled :
4

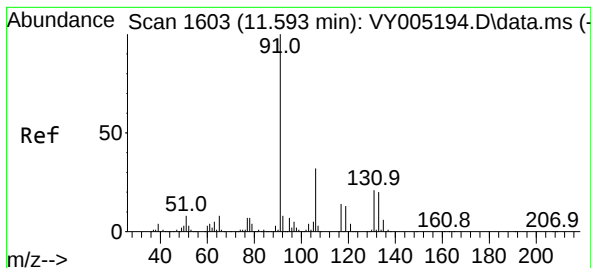
Tgt Ion:	95	Resp:	15684
Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	201.6
176	98.6	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion:	117	Resp:	44524
Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.6	60.8
119	32.7	26.1	39.1

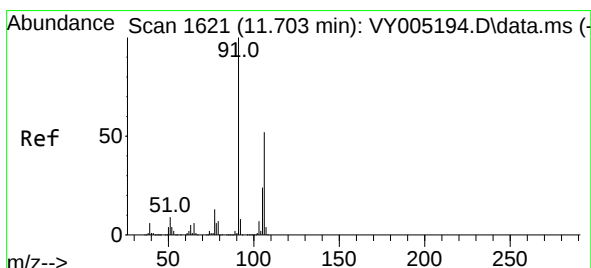
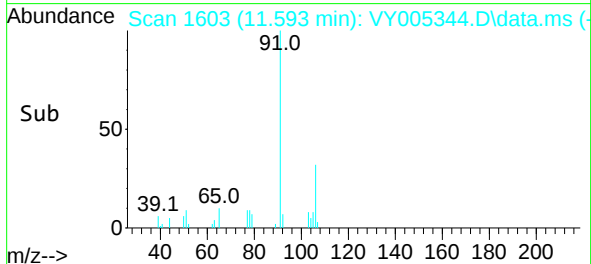
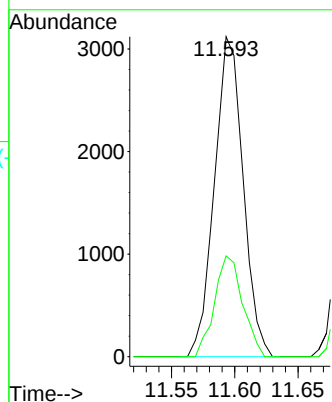
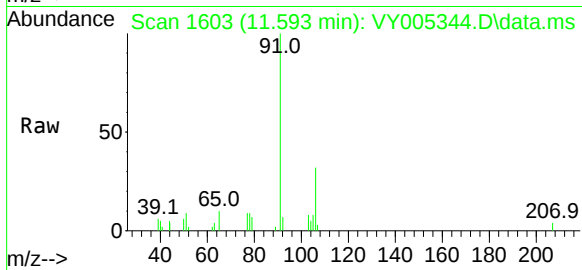




#67
Ethyl Benzene
Concen: 3.227 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

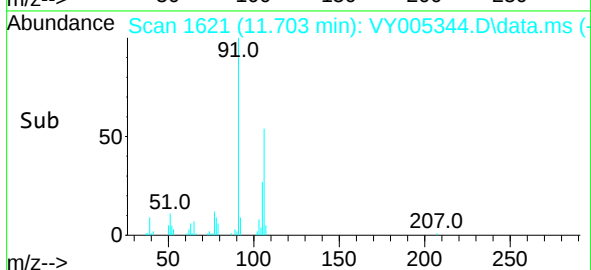
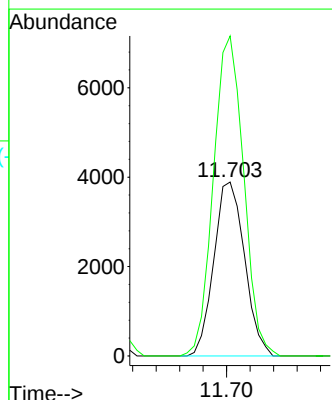
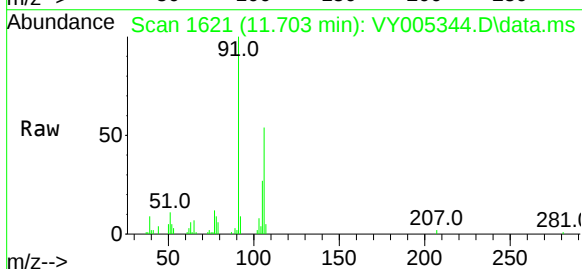
Instrument :
MSVOA_Y
ClientSampled :
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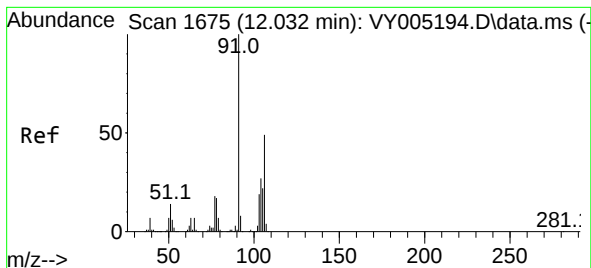
Tgt Ion: 91 Resp: 4910
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 11.596 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion:106 Resp: 7070
Ion Ratio Lower Upper
106 100
91 181.1 154.8 232.2

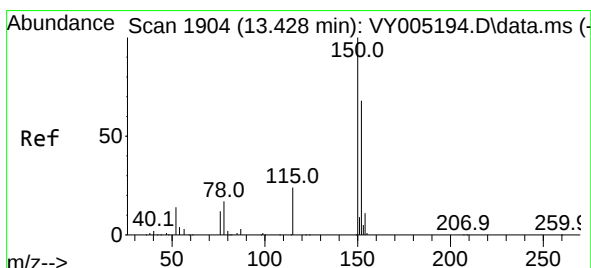
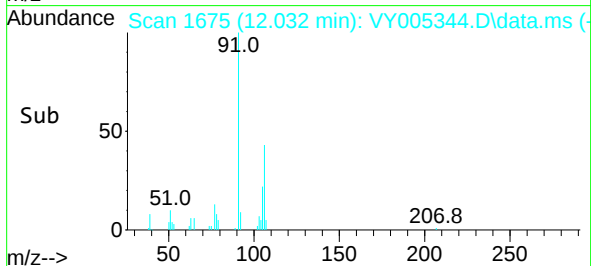
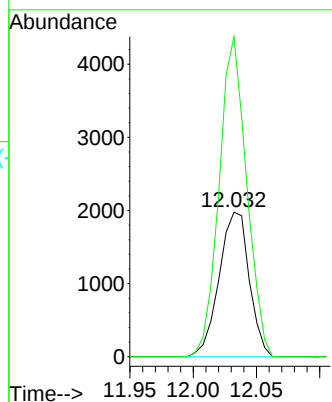
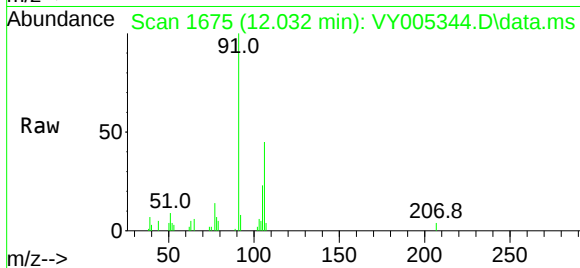




#69
o-Xylene
Concen: 5.673 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

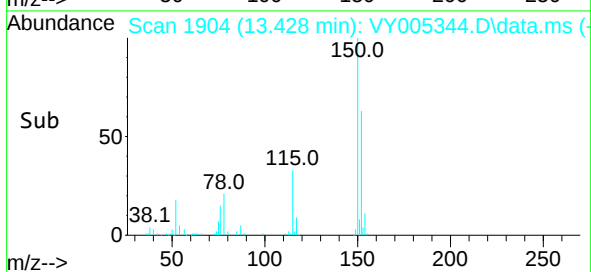
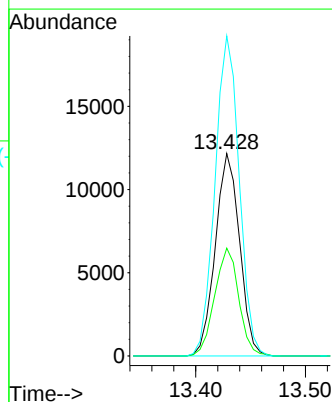
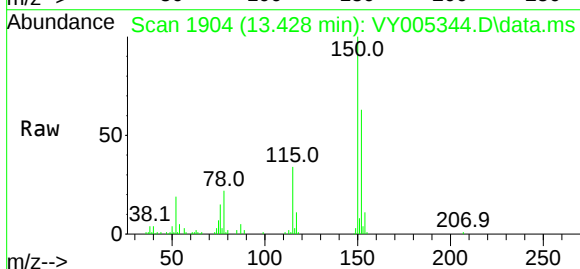
Instrument :
MSVOA_Y
ClientSampleId :
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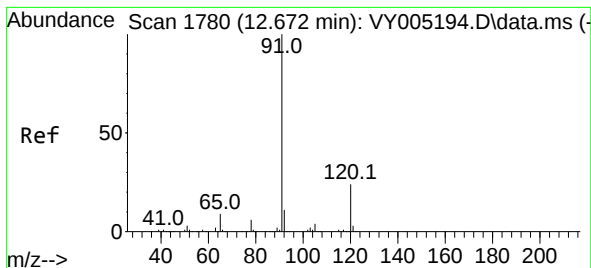
Tgt Ion:106 Resp: 3275
Ion Ratio Lower Upper
106 100
91 201.7 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion:152 Resp: 18719
Ion Ratio Lower Upper
152 100
115 52.9 26.3 78.8
150 157.6 0.0 344.2

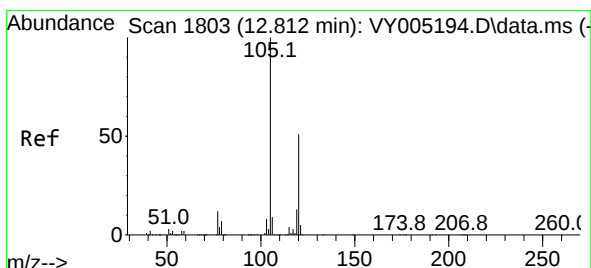
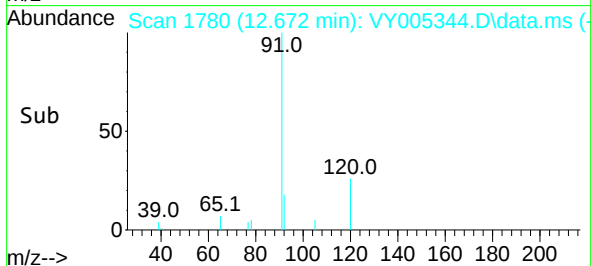
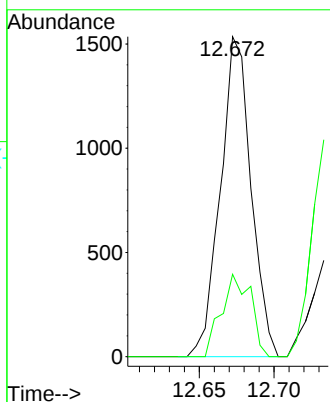
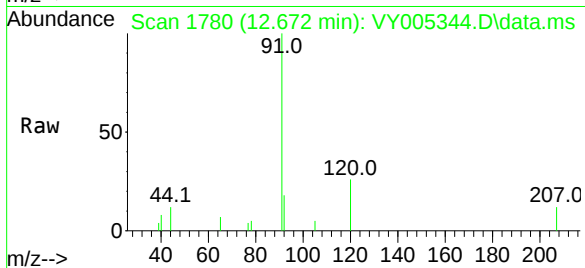




#78
n-propylbenzene
Concen: 1.527 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

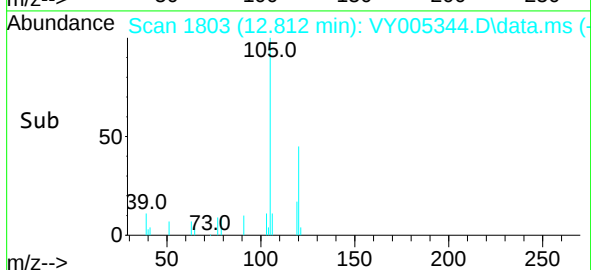
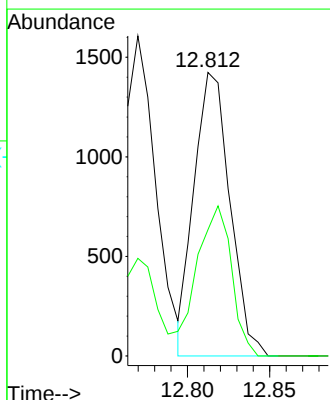
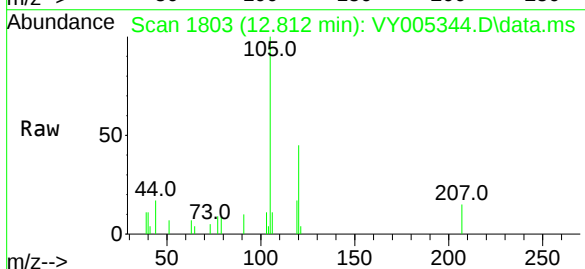
Instrument :
MSVOA_Y
ClientSampled :
4

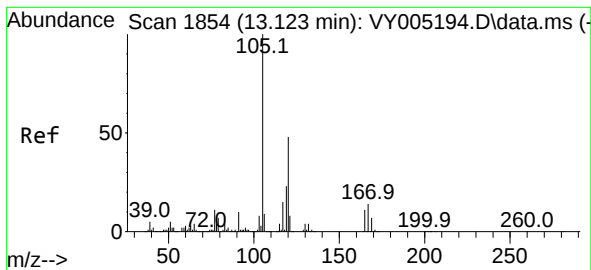
Tgt Ion: 91 Resp: 2186
Ion Ratio Lower Upper
91 100
120 24.7 12.4 37.0



#80
1,3,5-Trimethylbenzene
Concen: 2.153 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY005344.D
Acq: 02 Jul 2021 15:55

Tgt Ion: 105 Resp: 2162
Ion Ratio Lower Upper
105 100
120 52.1 25.9 77.7





#84
 1,2,4-Trimethylbenzene
 Concen: 8.145 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005344.D
 Acq: 02 Jul 2021 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

Tgt Ion:105 Resp: 8088
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.6 71.0

