

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061021\  
 Data File : VY005102.D  
 Acq On : 11 Jun 2021 02:53  
 Operator : SY/MD  
 Sample : M2672-17  
 Misc : 4.68G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 17-B6(72-76)

Quant Time: Jun 11 07:07:45 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

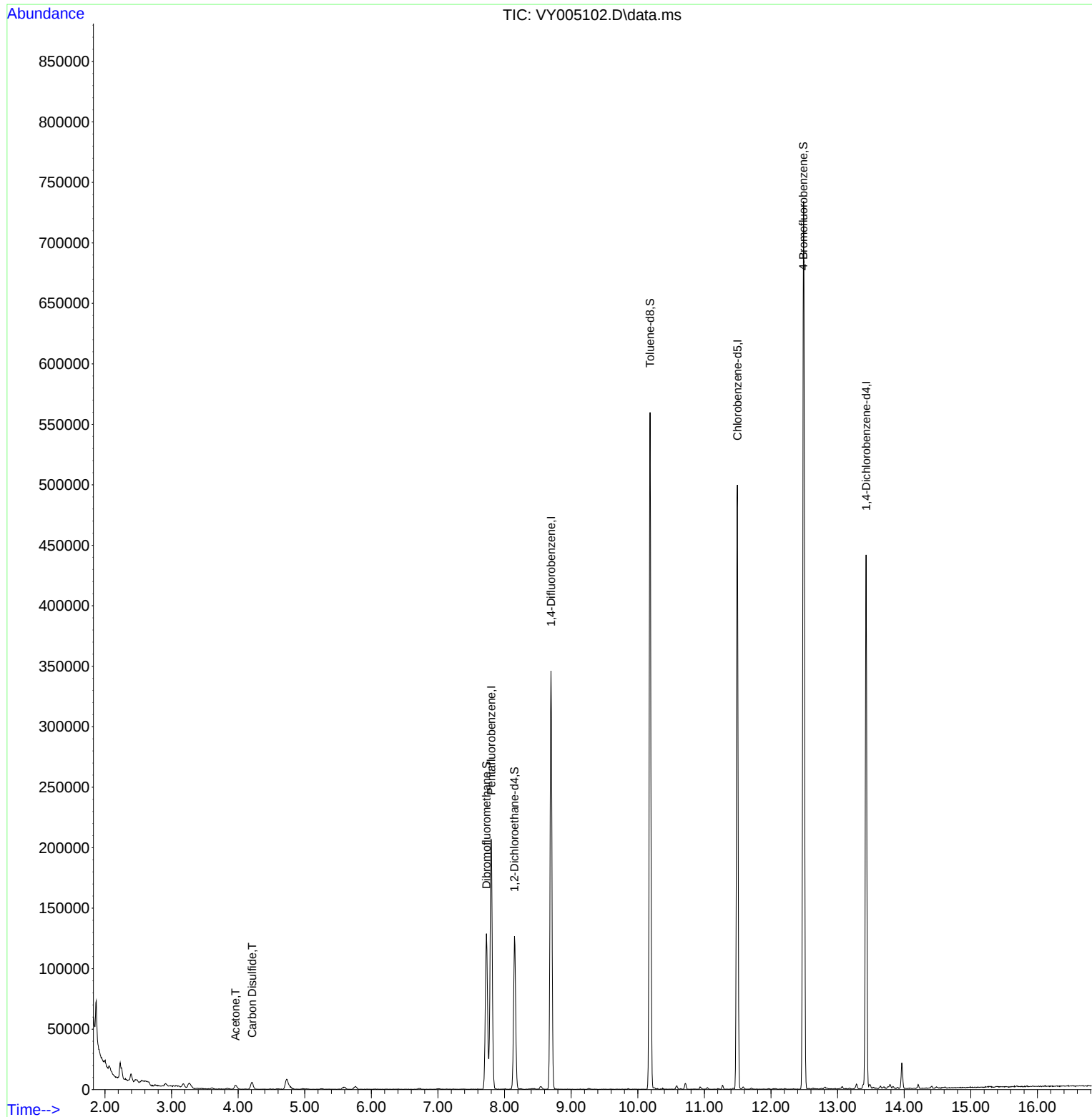
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 161521   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 294711   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 270998   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 110429   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 98029    | 57.409   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 114.820% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 89417    | 56.394   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 112.780% |
| 50) Toluene-d8              | 10.185 | 98    | 358976   | 54.513   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 109.020% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 111140   | 49.074   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 98.140%  |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 3.960  | 43    | 5889     | 14.327   | ug/l # | 88       |
| 17) Carbon Disulfide        | 4.210  | 76    | 11124    | 2.179    | ug/l # | 94       |
| -----                       |        |       |          |          |        |          |

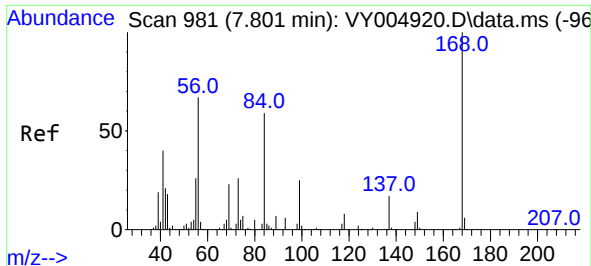
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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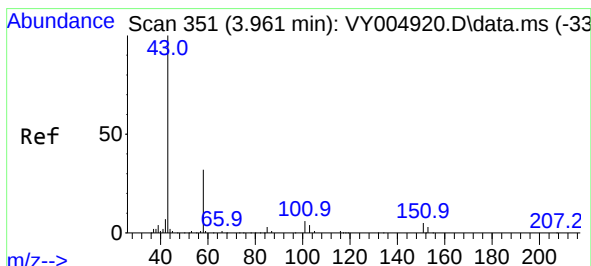
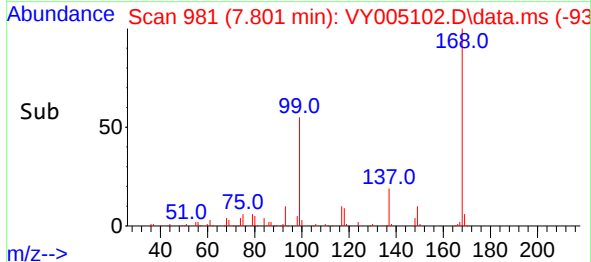
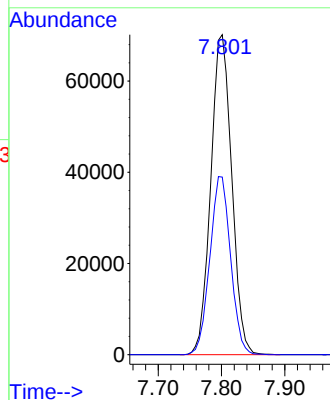
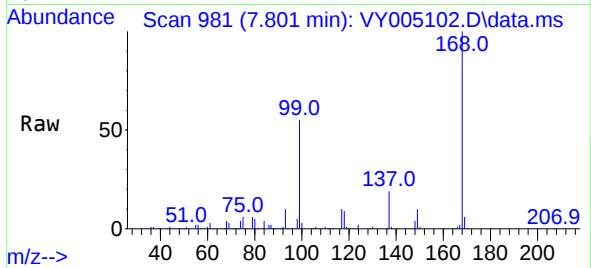




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

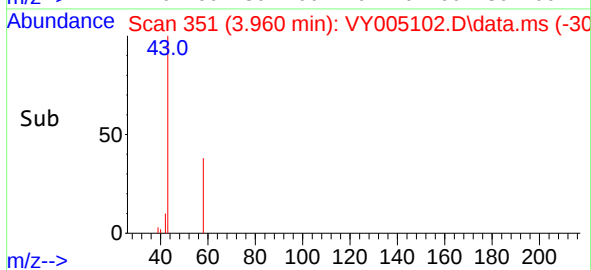
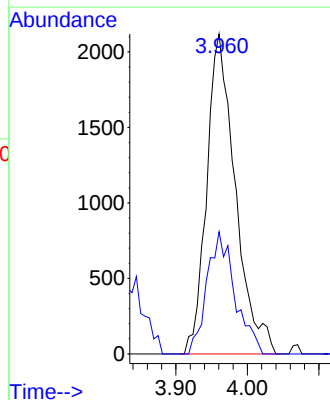
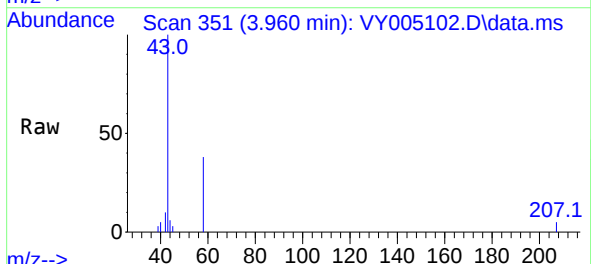
Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(72-76)

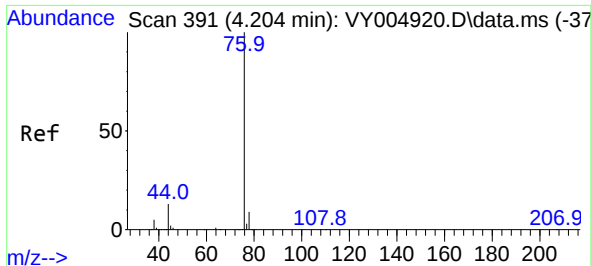
Tgt Ion:168 Resp: 161521  
Ion Ratio Lower Upper  
168 100  
99 55.5 43.9 65.9



#16  
Acetone  
Concen: 14.327 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

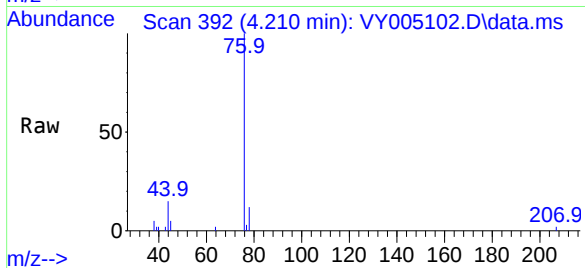
Tgt Ion: 43 Resp: 5889  
Ion Ratio Lower Upper  
43 100  
58 38.2 25.3 37.9#



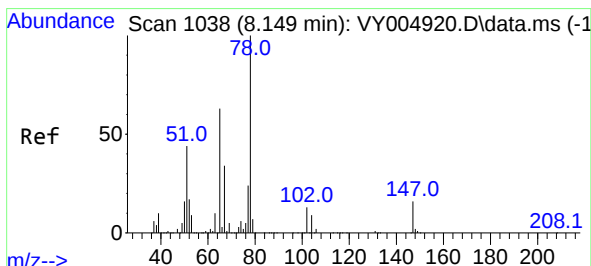
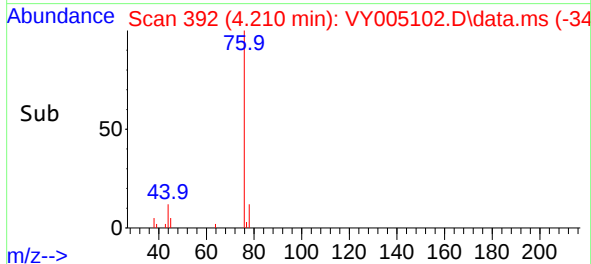
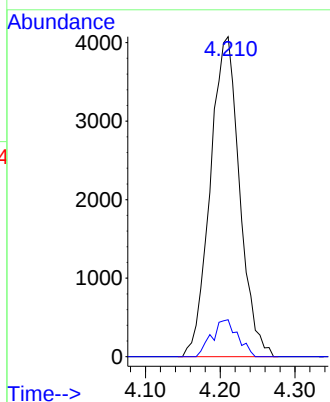


#17  
Carbon Disulfide  
Concen: 2.179 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(72-76)

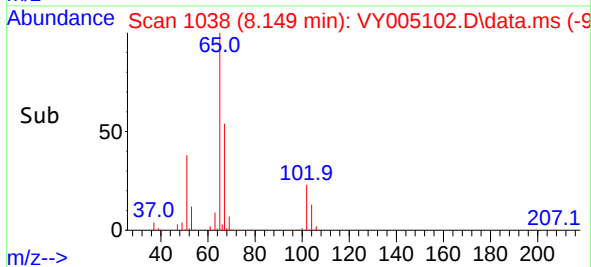
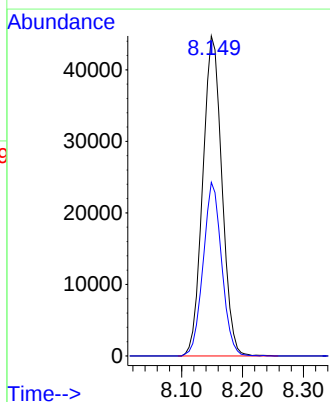
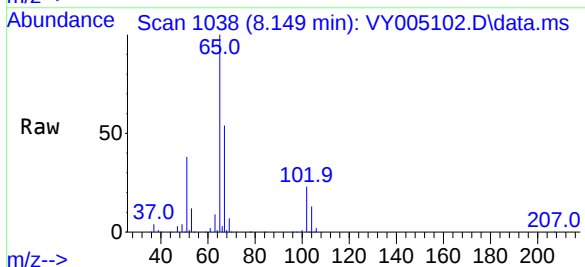


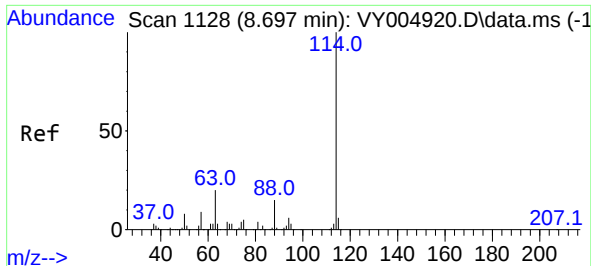
Tgt Ion: 76 Resp: 11124  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.6 11.4#



#33  
1,2-Dichloroethane-d4  
Concen: 57.409 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

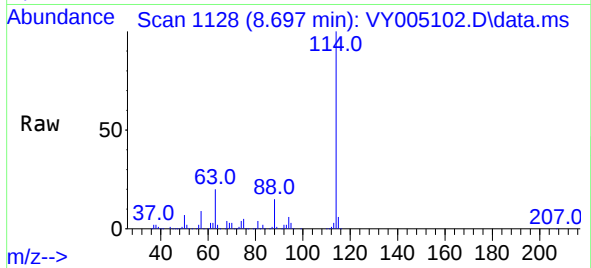
Tgt Ion: 65 Resp: 98029  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 110.6



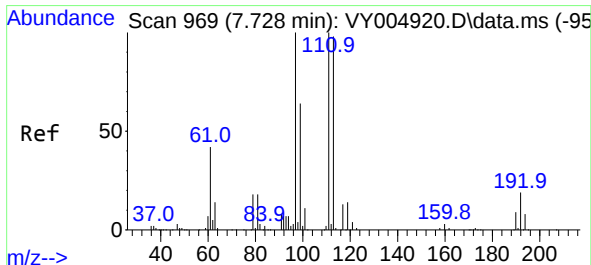
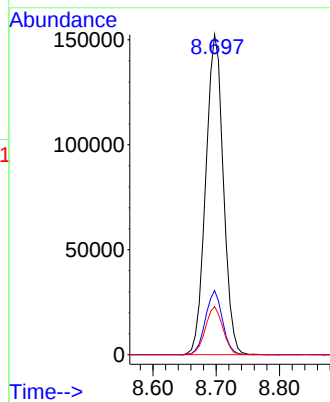
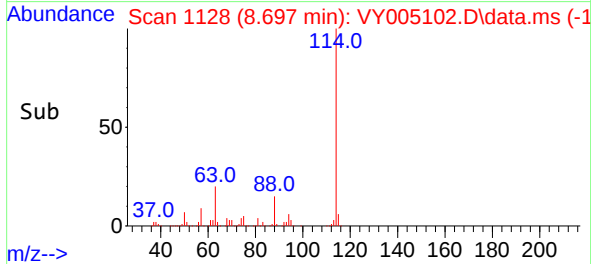


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

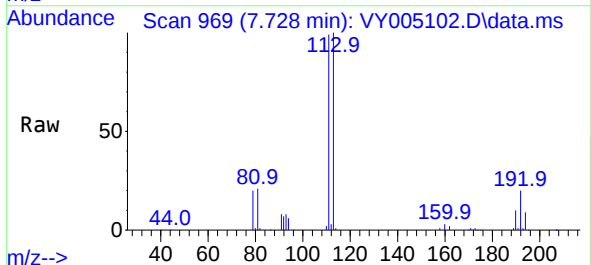
Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(72-76)



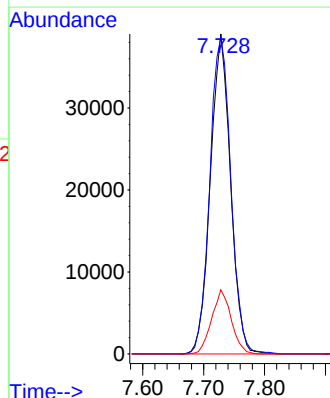
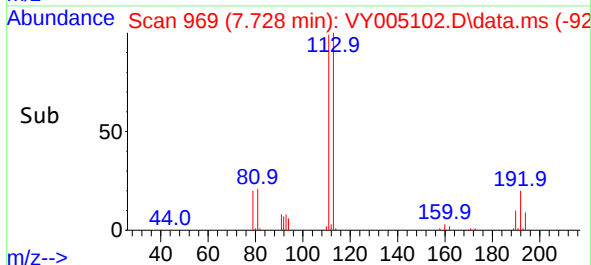
Tgt Ion:114 Resp: 294711  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 41.0  
88 15.1 0.0 30.6

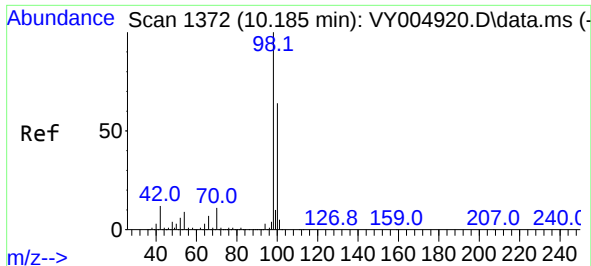


#35  
Dibromofluoromethane  
Concen: 56.394 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53



Tgt Ion:113 Resp: 89417  
Ion Ratio Lower Upper  
113 100  
111 103.9 81.8 122.8  
192 19.5 15.3 22.9

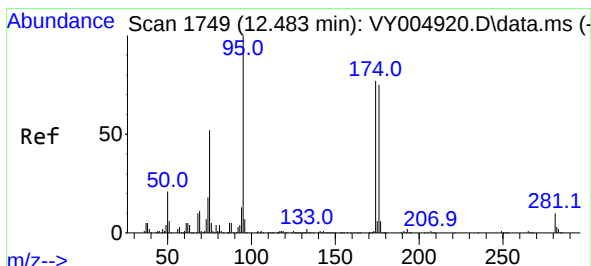
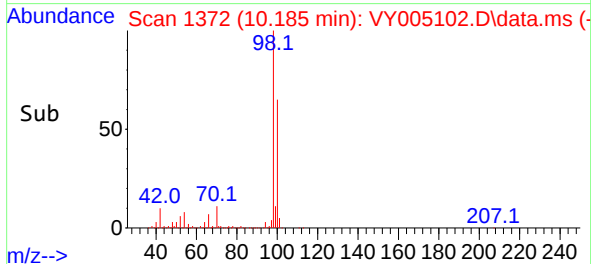
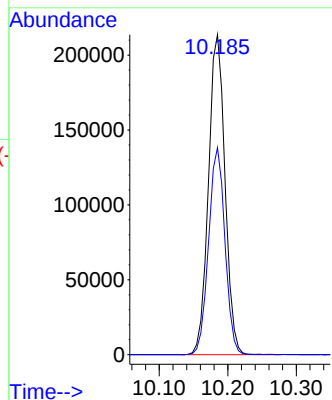
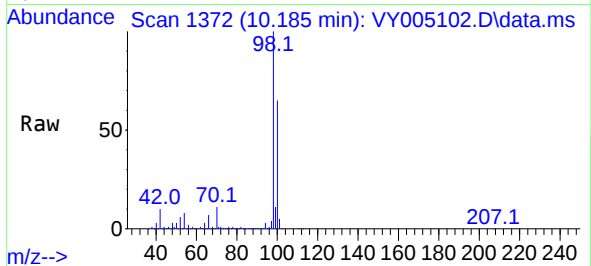




#50  
Toluene-d8  
Concen: 54.513 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

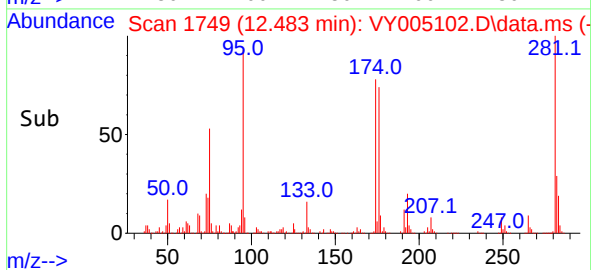
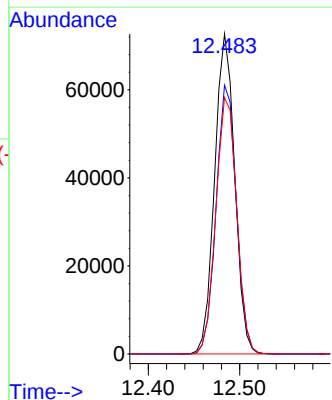
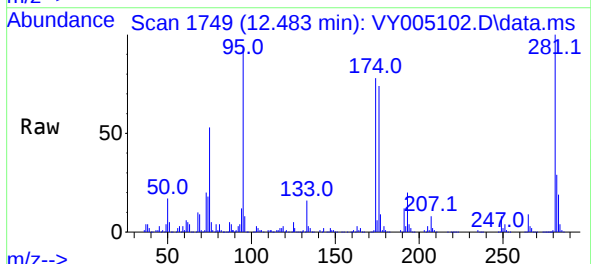
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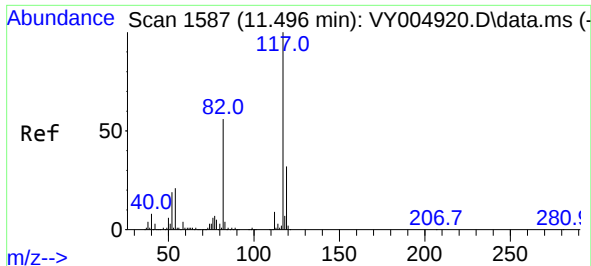
Tgt Ion: 98 Resp: 358976  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 49.074 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

Tgt Ion: 95 Resp: 111140  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 160.8  
176 83.5 0.0 155.6

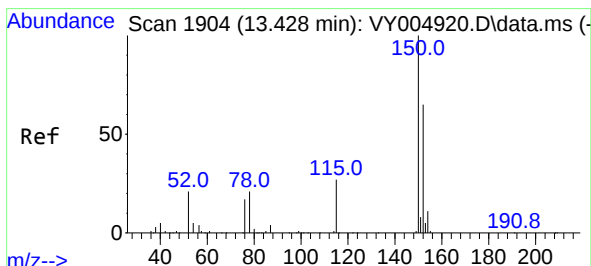
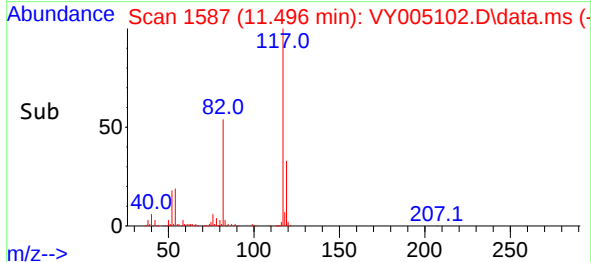
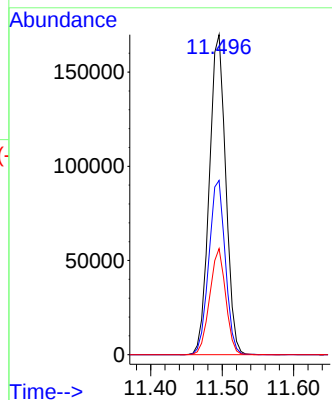
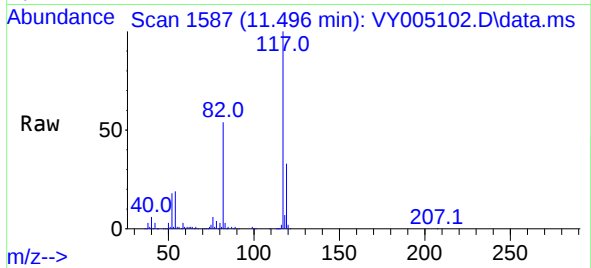




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(72-76)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 270998 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.5  | 44.8  | 67.2   |
| 119      | 33.2  | 25.2  | 37.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005102.D  
Acq: 11 Jun 2021 02:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 110429 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 57.8  | 29.9  | 89.7   |
| 150      | 157.9 | 0.0   | 347.8  |

