

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\vy060921\  
 Data File : VY005044.D  
 Acq On : 09 Jun 2021 14:22  
 Operator : SY/MD  
 Sample : M2646-03  
 Misc : 5.01G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 10 02:41:23 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

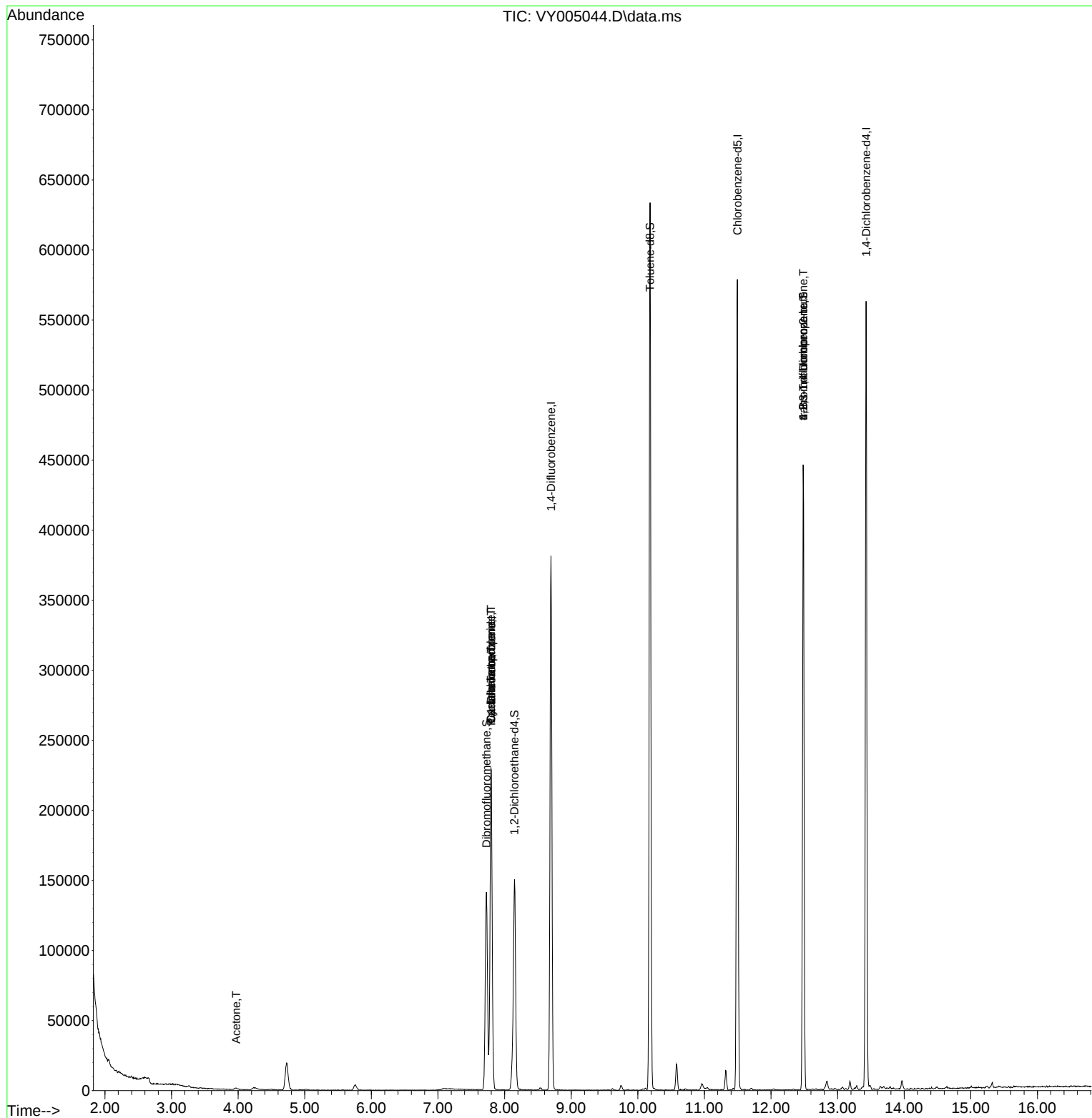
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.801     | 168   | 173577   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 323601   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.495    | 117   | 310475   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 138067   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.148     | 65    | 109314   | 59.571    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 119.140% |          |
| 35) Dibromofluoromethane      | 7.728     | 113   | 100890   | 57.949    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 115.900% |          |
| 50) Toluene-d8                | 10.184    | 98    | 405051   | 56.018    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery  | = 112.040% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 131998   | 53.081    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery  | = 106.160% |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           | Qvalue     |          |
| 13) Acrolein                  | 3.765     | 56    | 25       | Below Cal | #          | 15       |
| 16) Acetone                   | 3.972     | 43    | 2259     | 5.114     | ug/l #     | 57       |
| 31) Cyclohexane               | 7.795     | 56    | 3828     | 1.185     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 7.795     | 75    | 14396    | 4.546     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 7.795     | 117   | 17799    | 6.458     | ug/l #     | 16       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 68356    | 45.165    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 68356    | 83.003    | ug/l #     | 15       |
| -----                         |           |       |          |           |            |          |

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

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ClientSampleId :

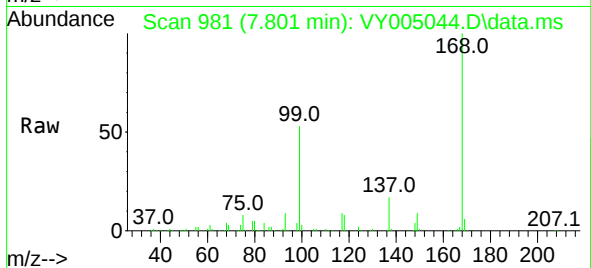
Quant Time: Jun 10 02:41:23 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration



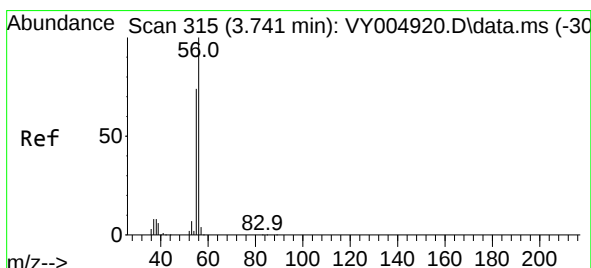
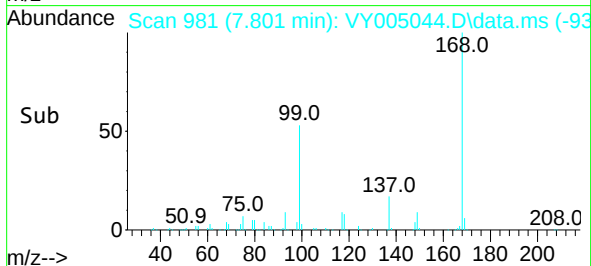
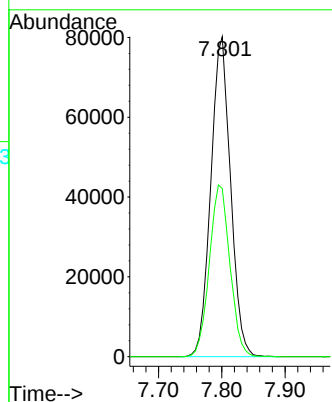


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

Instrument :  
MSVOA\_Y  
ClientSampleId :

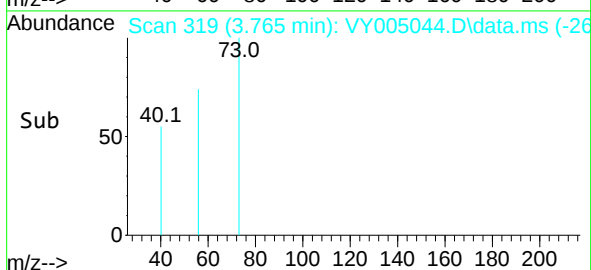
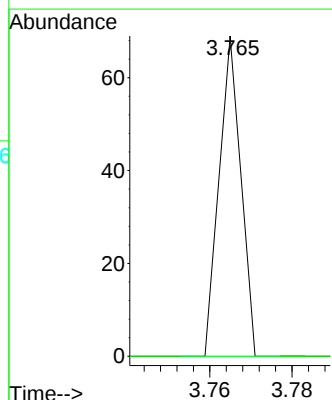
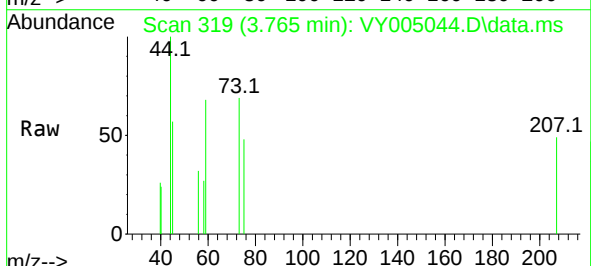


Tgt Ion:168 Resp: 173577  
Ion Ratio Lower Upper  
168 100  
99 52.5 43.9 65.9



#13  
Acrolein  
Concen: Below Cal  
RT: 3.765 min Scan# 319  
Delta R.T. 0.024 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

Tgt Ion: 56 Resp: 25  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.4 83.2#

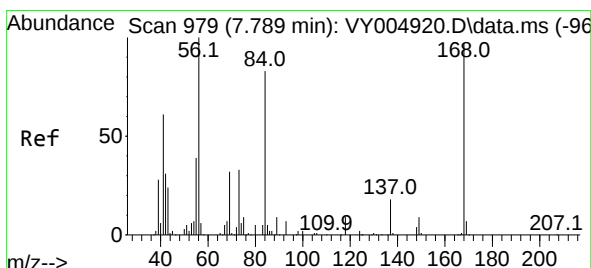
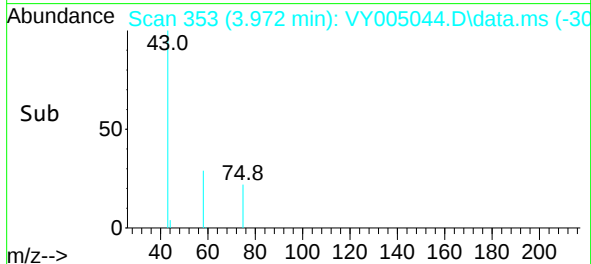
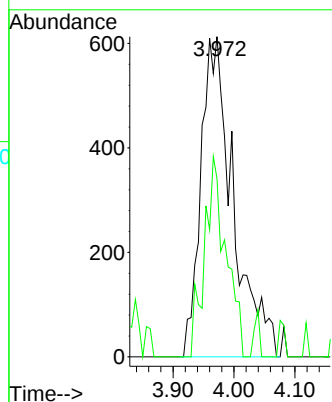
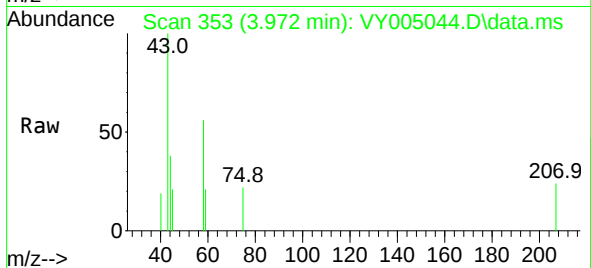




#16  
Acetone  
Concen: 5.114 ug/l  
RT: 3.972 min Scan# 353  
Delta R.T. 0.012 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

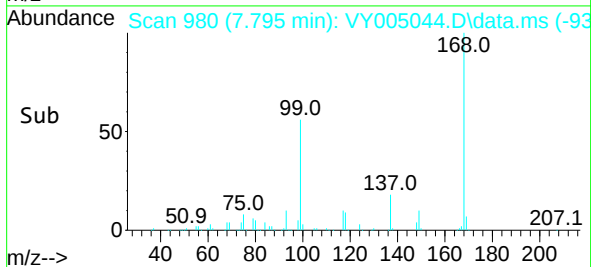
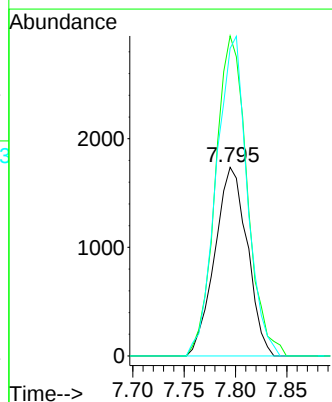
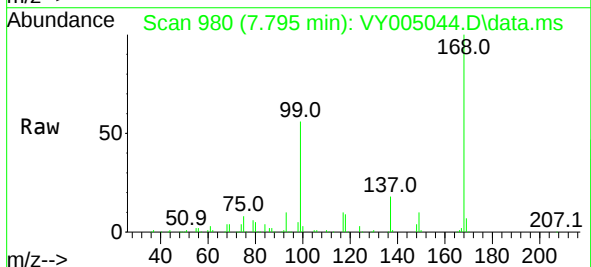
Instrument :  
MSVOA\_Y  
ClientSampled :

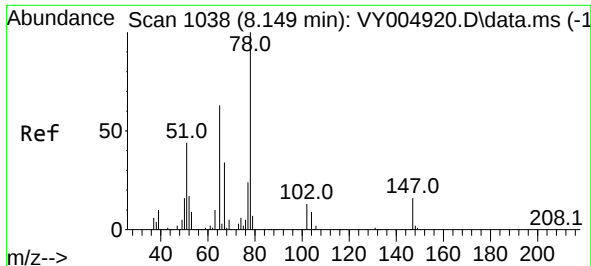
Tgt Ion: 43 Resp: 2259  
Ion Ratio Lower Upper  
43 100  
58 55.6 25.3 37.9#



#31  
Cyclohexane  
Concen: 1.185 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

Tgt Ion: 56 Resp: 3828  
Ion Ratio Lower Upper  
56 100  
69 169.6 25.3 37.9#  
84 163.0 66.2 99.4#



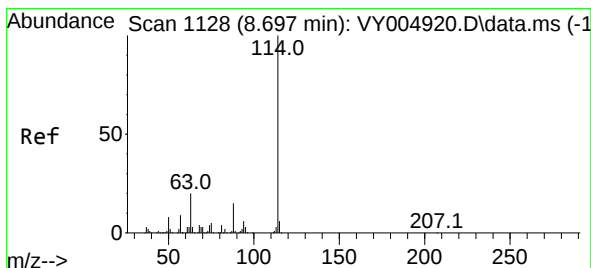
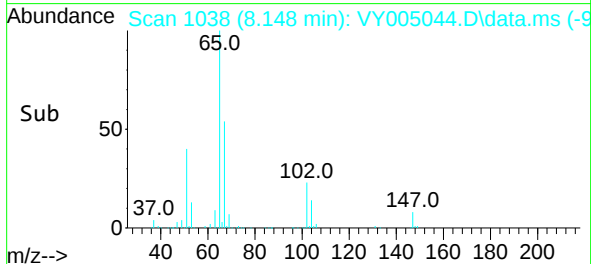
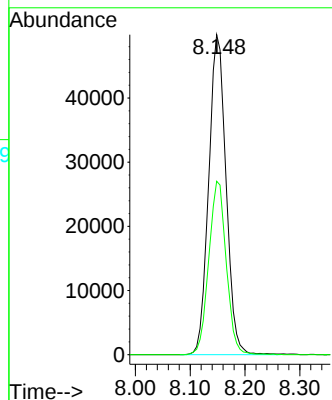
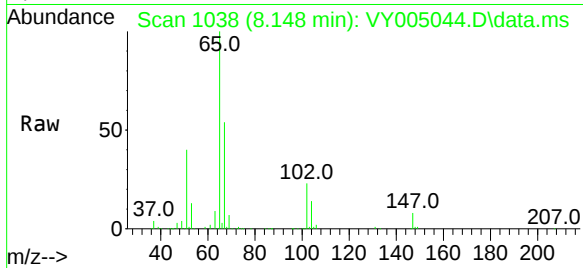


#33  
 1,2-Dichloroethane-d4  
 Concen: 59.571 ug/l  
 RT: 8.148 min Scan# 1038  
 Delta R.T. -0.001 min  
 Lab File: VY005044.D  
 Acq: 09 Jun 2021 14:22

Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tgt Ion: 65 Resp: 109314  

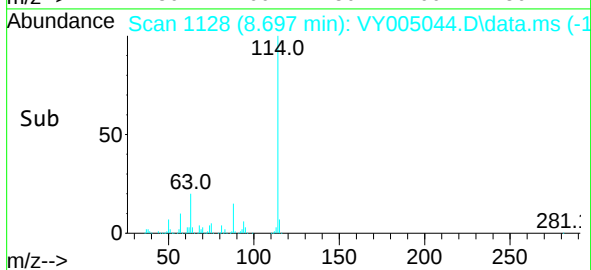
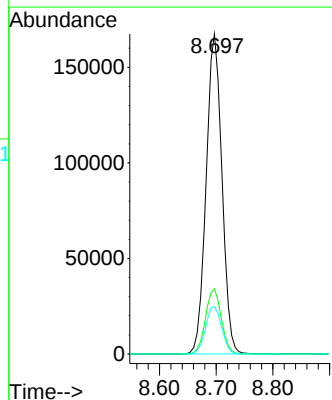
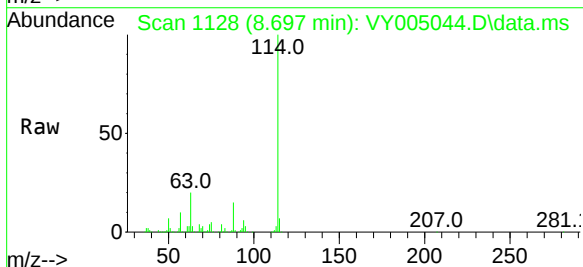
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 54.7  | 0.0   | 110.6 |

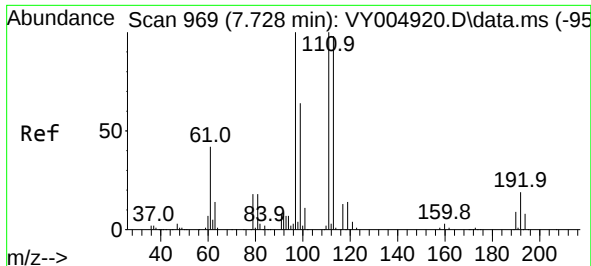


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. -0.001 min  
 Lab File: VY005044.D  
 Acq: 09 Jun 2021 14:22

Tgt Ion: 114 Resp: 323601  

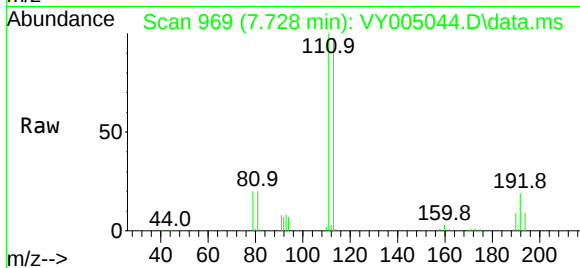
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.4  | 0.0   | 41.0  |
| 88  | 14.8  | 0.0   | 30.6  |



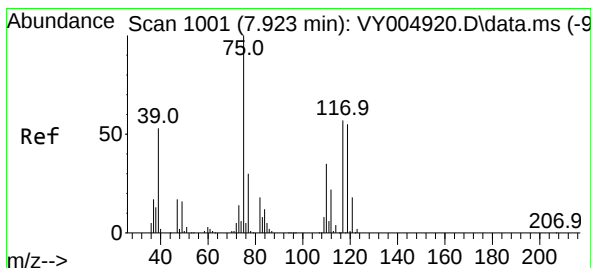
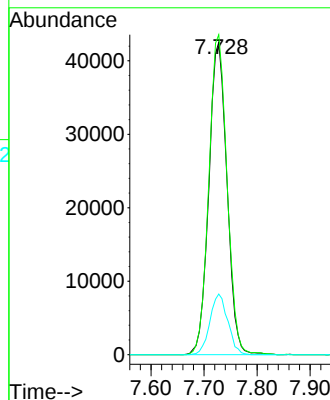
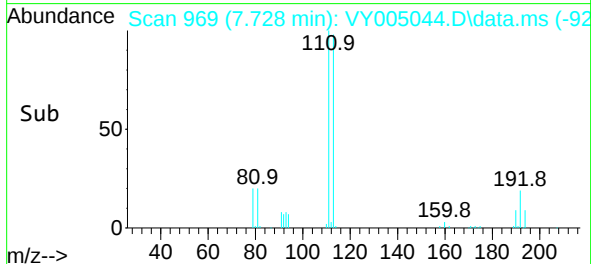


#35  
Dibromofluoromethane  
Concen: 57.949 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

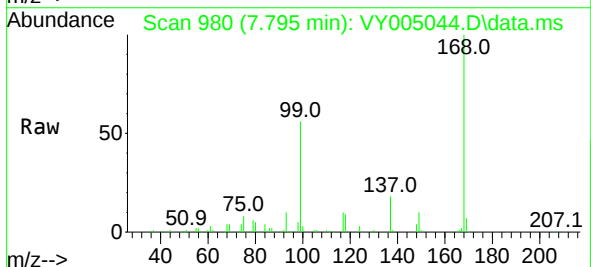
Instrument :  
MSVOA\_Y  
ClientSampleId :



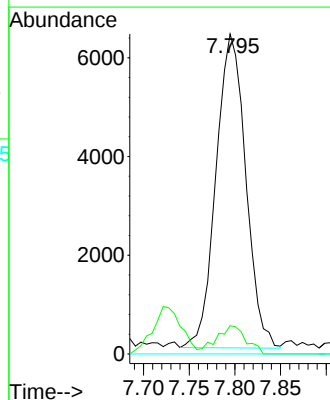
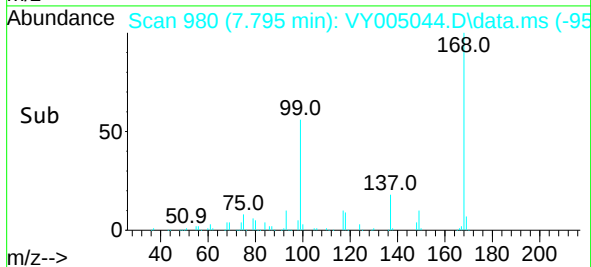
Tgt Ion:113 Resp: 100890  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.8 122.8  
192 19.1 15.3 22.9

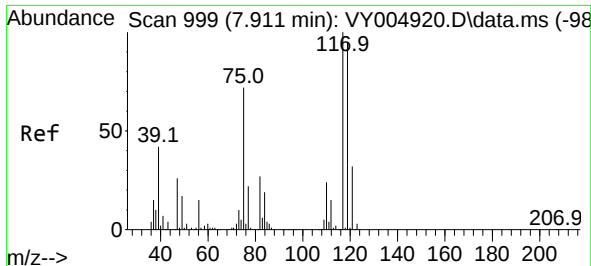


#36  
1,1-Dichloropropene  
Concen: 4.546 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.129 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22



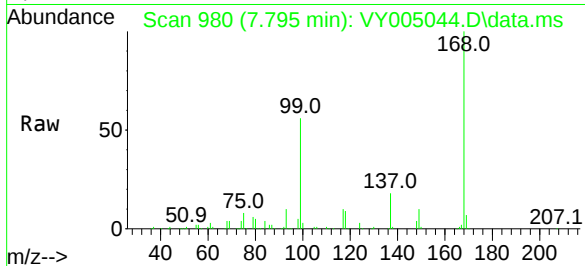
Tgt Ion: 75 Resp: 14396  
Ion Ratio Lower Upper  
75 100  
110 8.9 17.5 52.5#  
77 0.0 25.1 37.7#



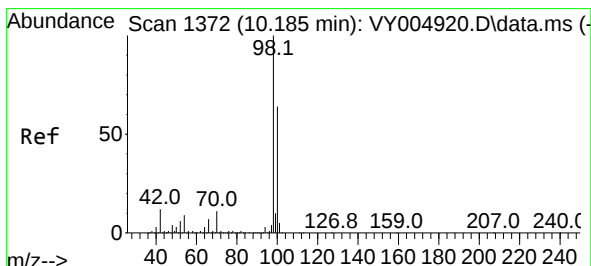
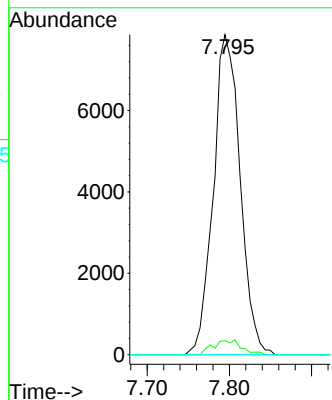
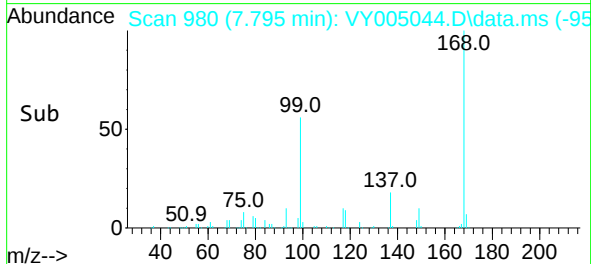


#38  
Carbon Tetrachloride  
Concen: 6.458 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.116 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

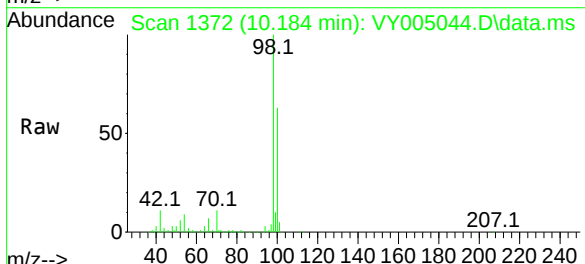
Instrument :  
MSVOA\_Y  
ClientSampleId :



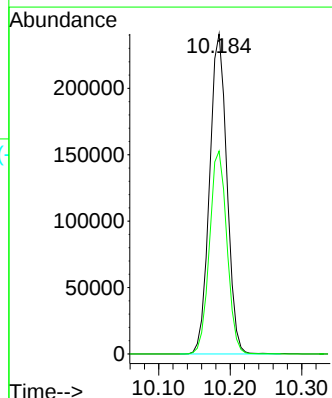
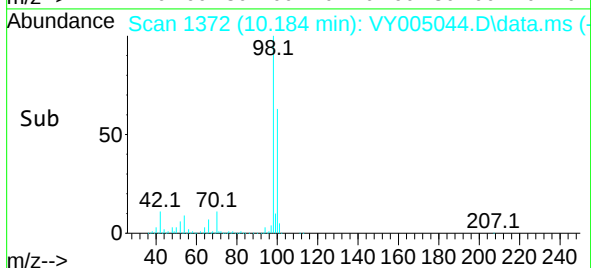
Tgt Ion:117 Resp: 17799  
Ion Ratio Lower Upper  
117 100  
119 4.4 76.1 114.1#  
121 0.0 25.5 38.3#

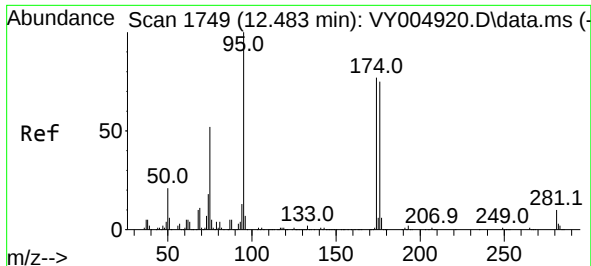


#50  
Toluene-d8  
Concen: 56.018 ug/l  
RT: 10.184 min Scan# 1372  
Delta R.T. -0.001 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22



Tgt Ion: 98 Resp: 405051  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.8 77.6

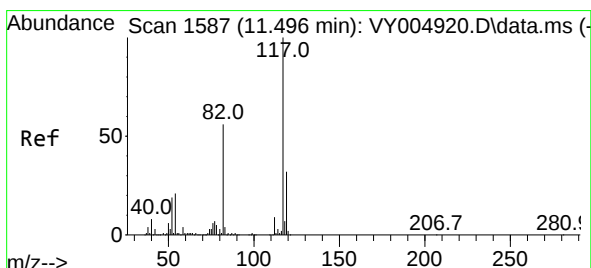
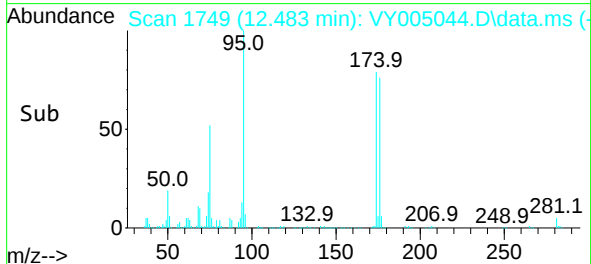
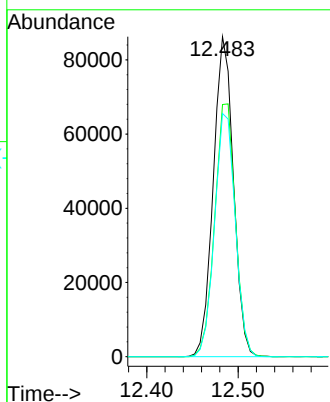
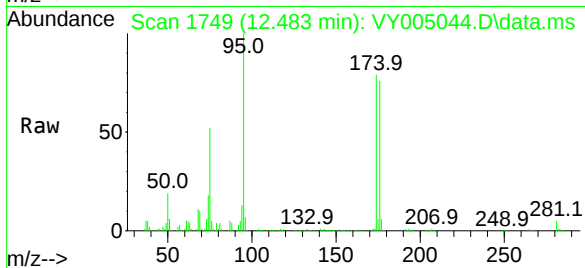




#62  
4-Bromofluorobenzene  
Concen: 53.081 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

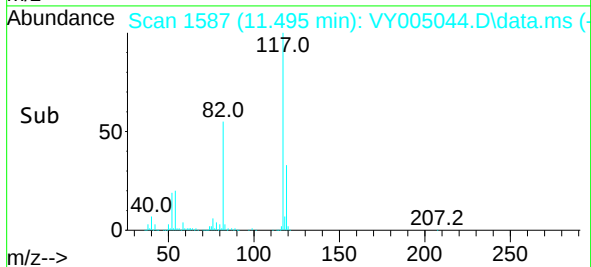
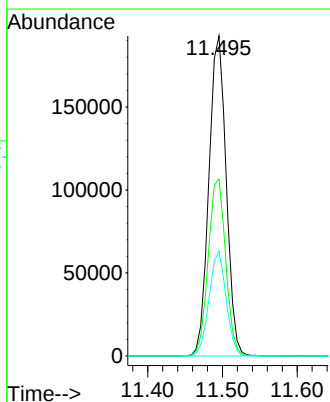
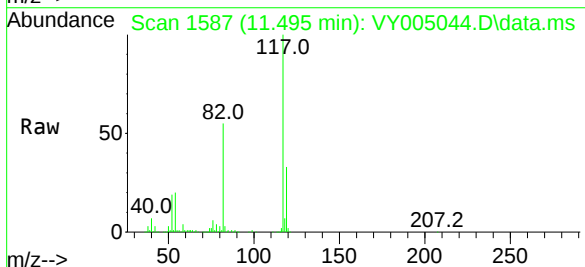
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ClientSampleId :

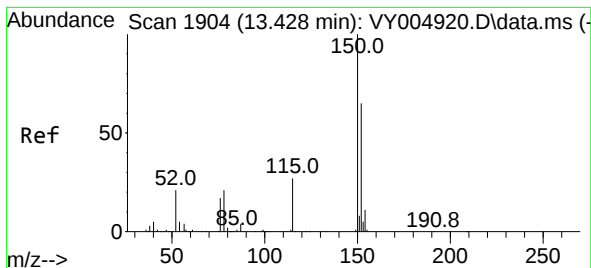
Tgt Ion: 95 Resp: 131998  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 160.8  
176 78.4 0.0 155.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.001 min  
Lab File: VY005044.D  
Acq: 09 Jun 2021 14:22

Tgt Ion: 117 Resp: 310475  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.8 67.2  
119 32.8 25.2 37.8

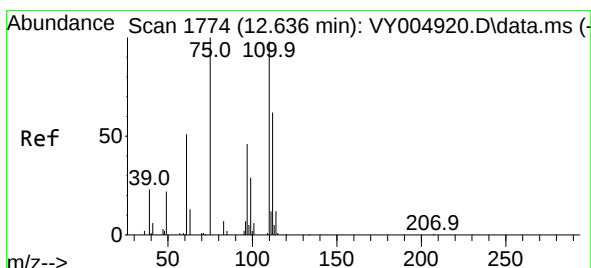
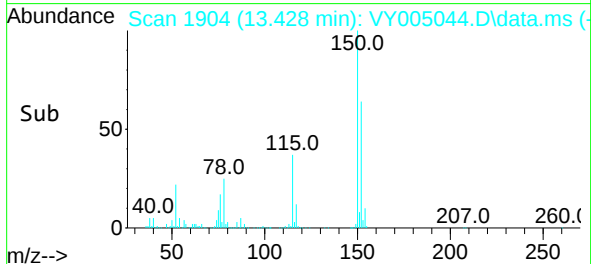
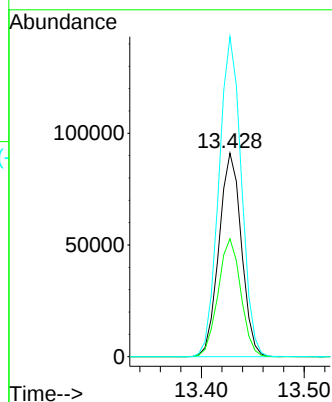
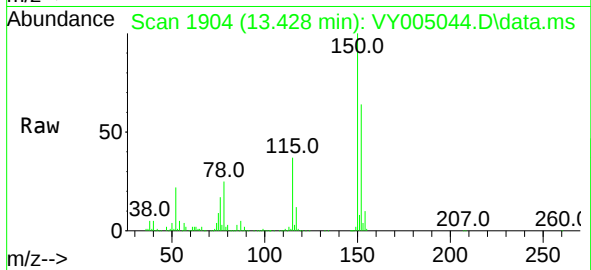




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.001 min  
 Lab File: VY005044.D  
 Acq: 09 Jun 2021 14:22

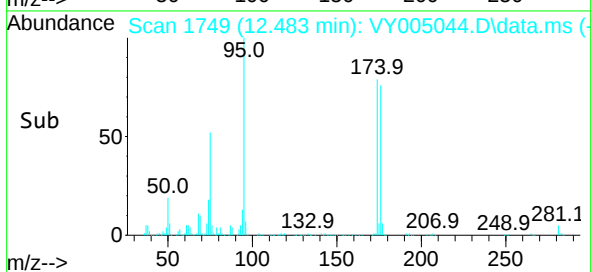
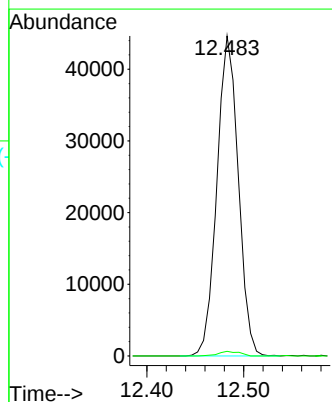
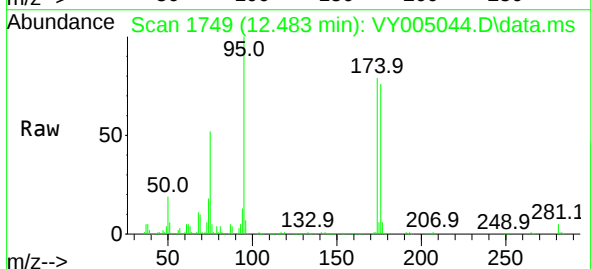
Instrument :  
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 ClientSampleId :

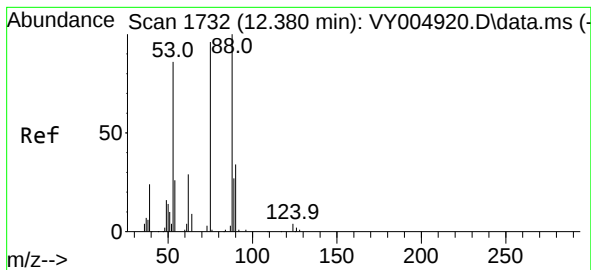
Tgt Ion:152 Resp: 138067  
 Ion Ratio Lower Upper  
 152 100  
 115 58.5 29.9 89.7  
 150 157.8 0.0 347.8



#76  
 1,2,3-Trichloropropane  
 Concen: 45.165 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. -0.153 min  
 Lab File: VY005044.D  
 Acq: 09 Jun 2021 14:22

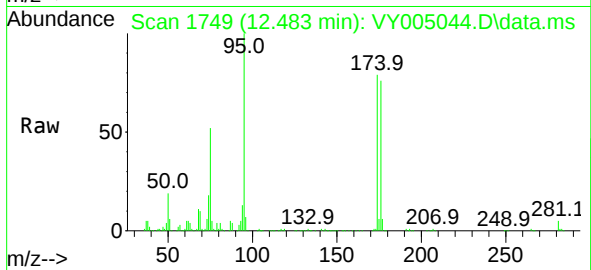
Tgt Ion: 75 Resp: 68356  
 Ion Ratio Lower Upper  
 75 100  
 77 1.5 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 83.003 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.103 min  
 Lab File: VY005044.D  
 Acq: 09 Jun 2021 14:22

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 75 Resp: 68356  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 69.3 103.9#  
 89 0.1 35.0 52.6#

