

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082521\  
 Data File : VW019899.D  
 Acq On : 25 Aug 2021 17:12  
 Operator : SY/VA  
 Sample : VIBLK412  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 26 01:11:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 26 01:07:03 2021  
 Response via : Initial Calibration

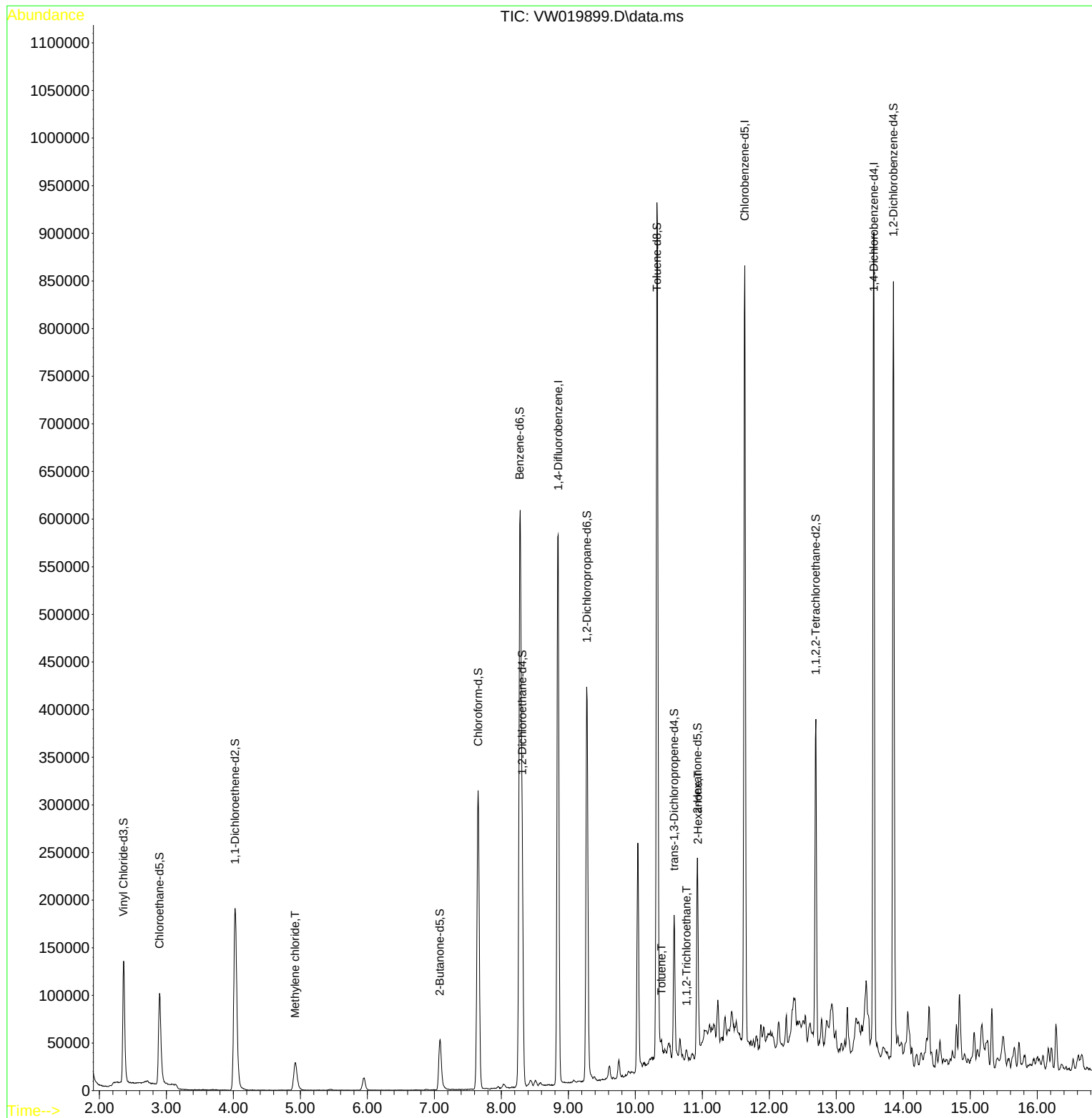
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 482837   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 441544   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 215930   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 162760   | 21.756   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.040%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 136748   | 20.825   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 221206   | 17.040   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.160%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 90127    | 59.311   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 118.620% |
| 24) Chloroform-d              | 7.653  | 84    | 315003   | 23.722   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 184023   | 25.716   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 102.880% |
| 32) Benzene-d6                | 8.275  | 84    | 624757   | 24.816   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 187983   | 24.657   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 570462   | 24.726   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 98.920%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 81635    | 25.919   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 103.680% |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 66345    | 62.467   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 124.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 163598   | 26.365   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.440% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 196213   | 26.491   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.960% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.922  | 84    | 26080    | 3.147    | ug/L   | 96       |
| 42) Toluene                   | 10.390 | 91    | 11870    | 0.413    | ug/L   | 86       |
| 45) 1,1,2-Trichloroethane     | 10.762 | 97    | 4404     | 0.906    | ug/L # | 33       |
| 48) 2-Hexanone                | 10.933 | 43    | 15926    | 6.411    | ug/L # | 47       |
| -----                         |        |       |          |          |        |          |

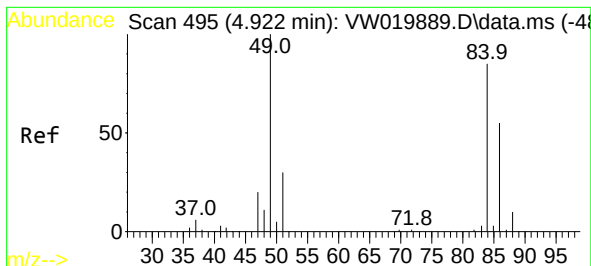
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 26 01:07:03 2021  
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.147 ug/L

RT: 4.922 min Scan# 495

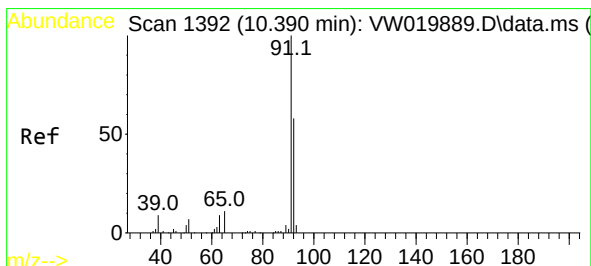
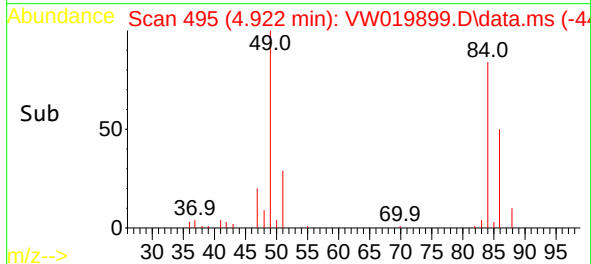
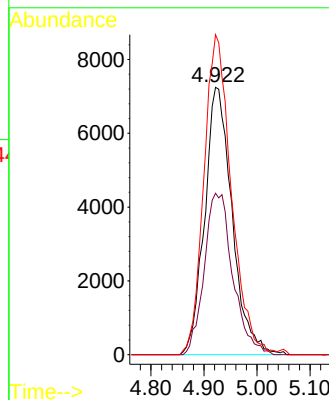
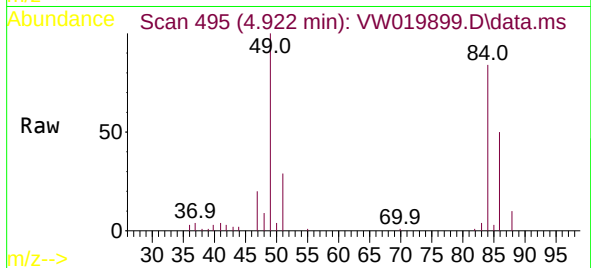
Delta R.T. 0.000 min

Lab File: VW019899.D

Acq: 25 Aug 2021 17:12

Instrument :  
MSVOA\_W  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 26080 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 60.4  | 45.3  | 84.1  |
| 49       | 119.7 | 86.6  | 160.8 |



#42

Toluene

Concen: 0.413 ug/L

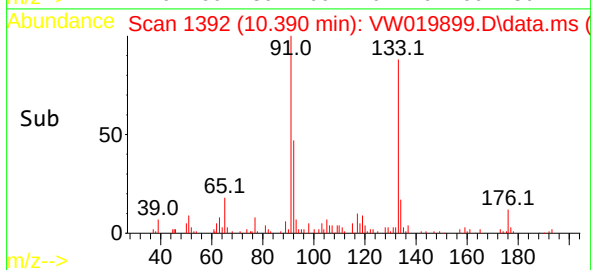
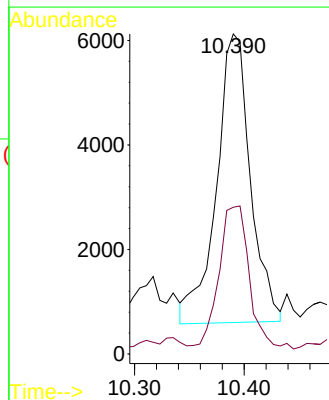
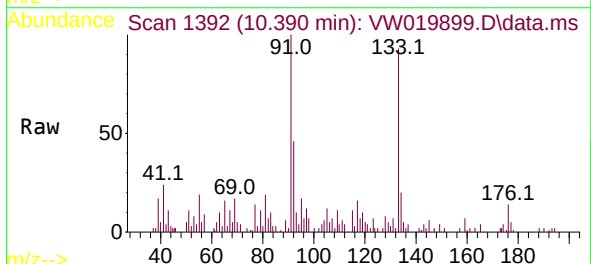
RT: 10.390 min Scan# 1392

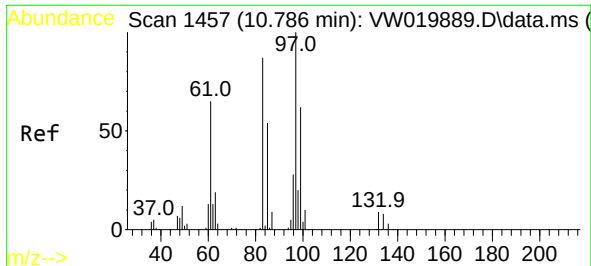
Delta R.T. 0.000 min

Lab File: VW019899.D

Acq: 25 Aug 2021 17:12

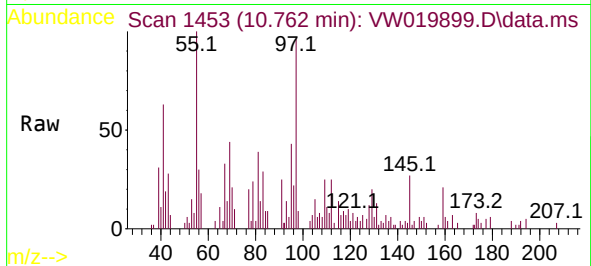
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 11870 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 45.9  | 39.5  | 73.3  |



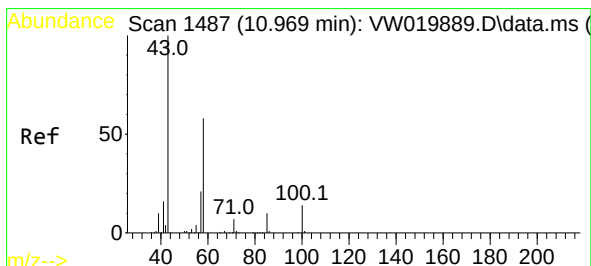
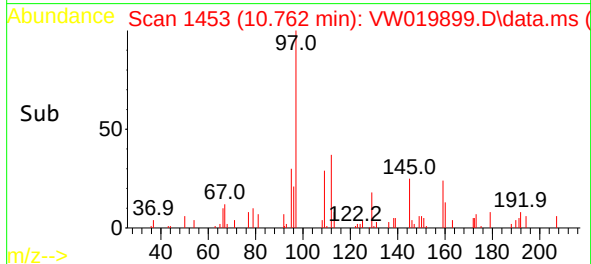
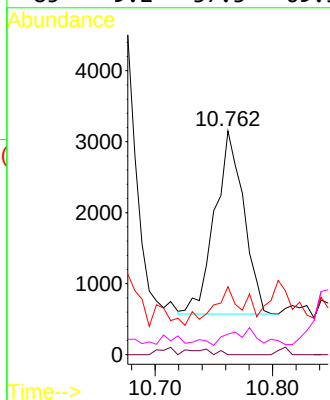


#45  
1,1,2-Trichloroethane  
Concen: 0.906 ug/L  
RT: 10.762 min Scan# 1453  
Delta R.T. -0.024 min  
Lab File: VW019899.D  
Acq: 25 Aug 2021 17:12

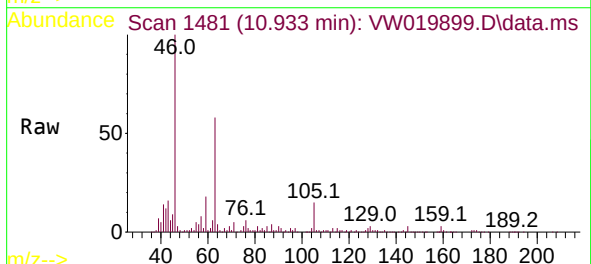
Instrument :  
MSVOA\_W  
ClientSampled :



| Tgt Ion: | 97    | Resp: | 4404   |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 0.0   | 45.1  | 83.7#  |
| 83       | 30.4  | 58.1  | 107.9# |
| 85       | 9.2   | 37.3  | 69.3#  |



#48  
2-Hexanone  
Concen: 6.411 ug/L  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.037 min  
Lab File: VW019899.D  
Acq: 25 Aug 2021 17:12



| Tgt Ion: | 43    | Resp: | 15926 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 14.1  | 42.7  | 64.1# |
| 57       | 46.5  | 15.8  | 23.8# |
| 100      | 0.0   | 10.0  | 15.0# |

