

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092821\  
 Data File : VW020212.D  
 Acq On : 28 Sep 2021 11:13  
 Operator : SY/VA  
 Sample : VIBLK439  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 29 00:58:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 29 00:57:09 2021  
 Response via : Initial Calibration

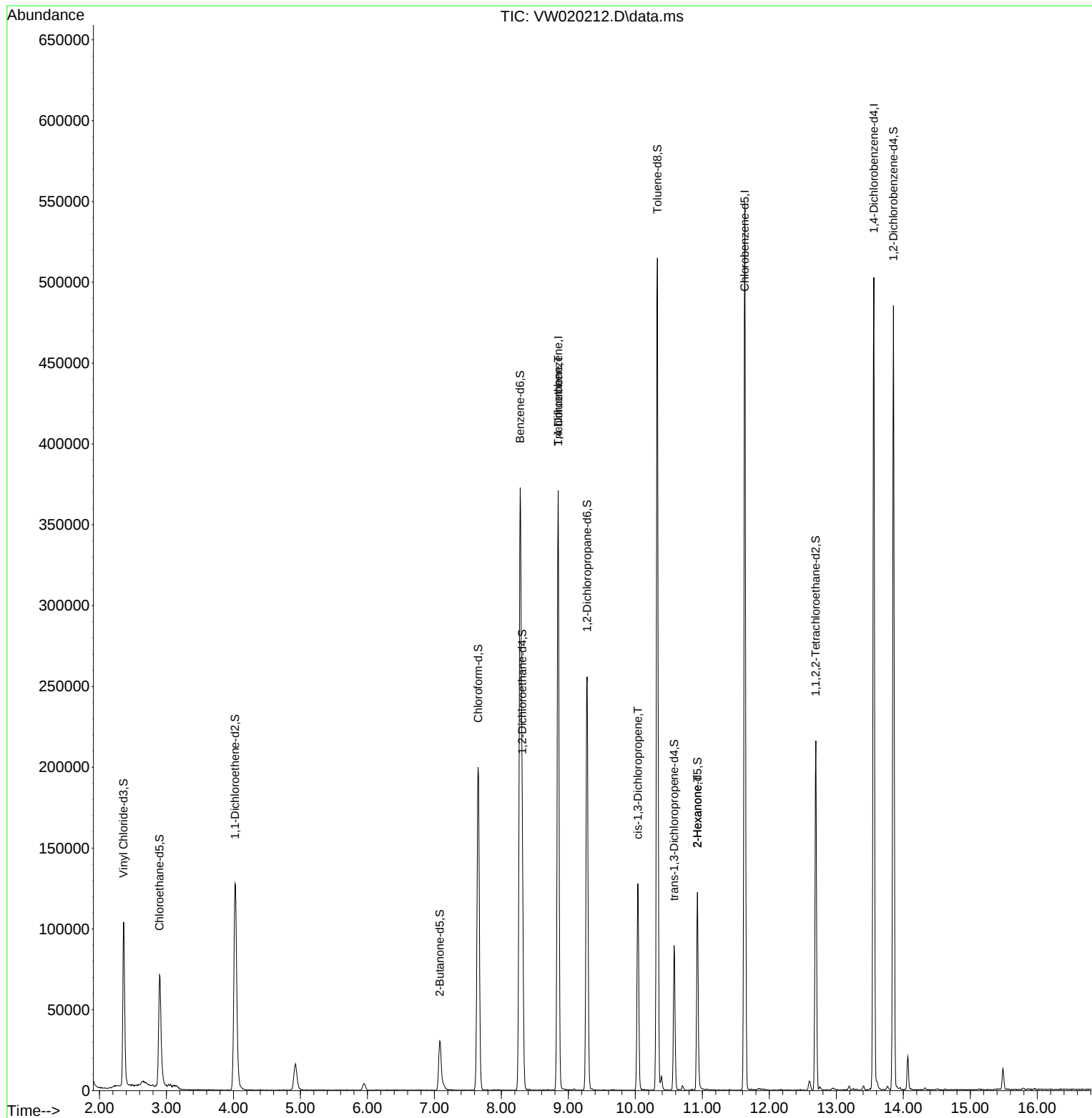
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 285168   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 283322   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 124348   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 117180   | 20.086   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.360%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 97346    | 22.150   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 138943   | 15.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 60.840%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 49954    | 55.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 110.980% |
| 24) Chloroform-d              | 7.653  | 84    | 201284   | 22.444   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 118797   | 24.612   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.440%  |
| 32) Benzene-d6                | 8.281  | 84    | 368590   | 20.392   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.280  | 67    | 113433   | 21.684   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 86.720%  |
| 41) Toluene-d8                | 10.329 | 98    | 326208   | 19.834   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.320%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 48140    | 21.531   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.120%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 37621    | 51.968   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 103.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 99689    | 24.705   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 116388   | 24.962   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.840%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.848  | 95    | 9464     | 2.068    | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3378     | 0.541    | ug/L # | 63       |
| 48) 2-Hexanone                | 10.926 | 43    | 5418     | 3.646    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

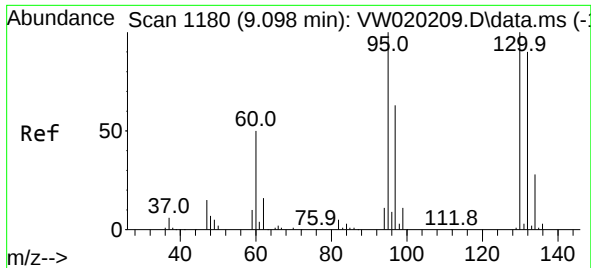
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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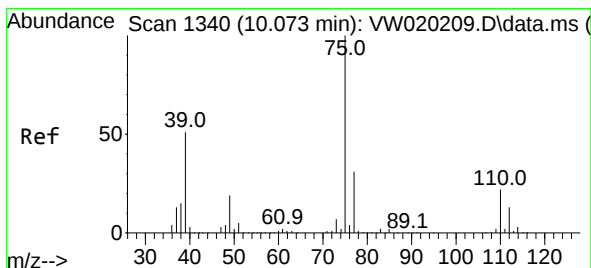
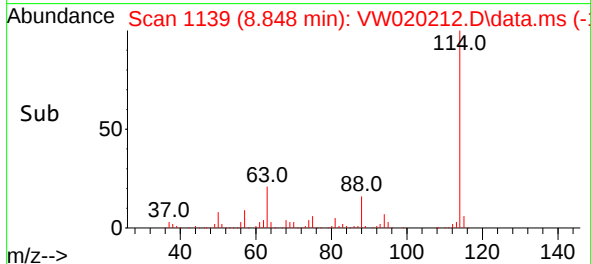
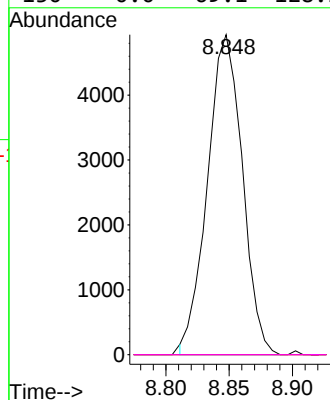
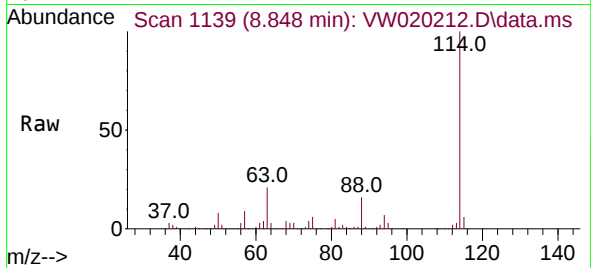




#34  
Trichloroethene  
Concen: 2.068 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.250 min  
Lab File: VW020212.D  
Acq: 28 Sep 2021 11:13

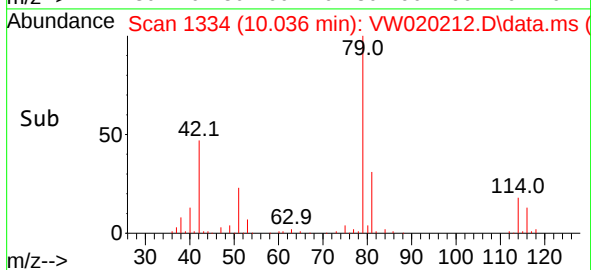
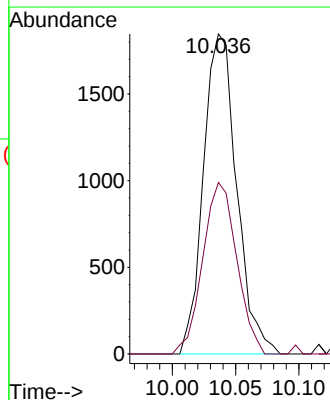
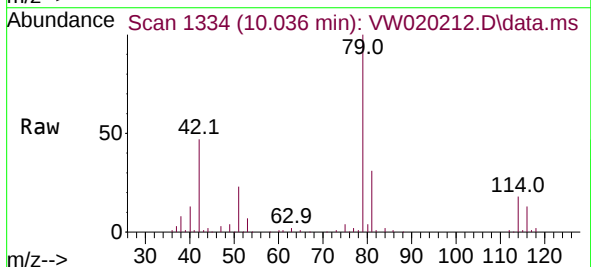
Instrument :  
MSVOA\_W  
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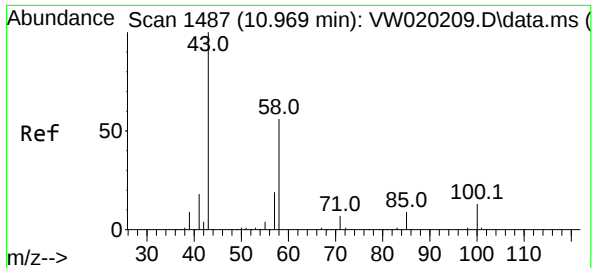
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 9464   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 45.1  | 83.7#  |
| 132      | 0.0   | 67.9  | 126.1# |
| 130      | 0.0   | 69.1  | 128.3# |



#39  
cis-1,3-Dichloropropene  
Concen: 0.541 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020212.D  
Acq: 28 Sep 2021 11:13

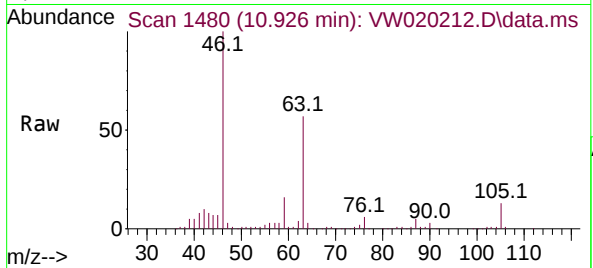
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3378  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 53.6  | 23.0  | 42.6# |





#48  
 2-Hexanone  
 Concen: 3.646 ug/L  
 RT: 10.926 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW020212.D  
 Acq: 28 Sep 2021 11:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 5418      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 28.4 43.8 65.6# |
| 57          | 35.7 15.6 23.4# |
| 100         | 3.0 10.5 15.7#  |

