

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
 Data File : VW026219.D  
 Acq On : 16 Jun 2023 11:08  
 Operator : SY/MD  
 Sample : 03236-20  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW28

Quant Time: Jun 17 00:00:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
 Response via : Initial Calibration

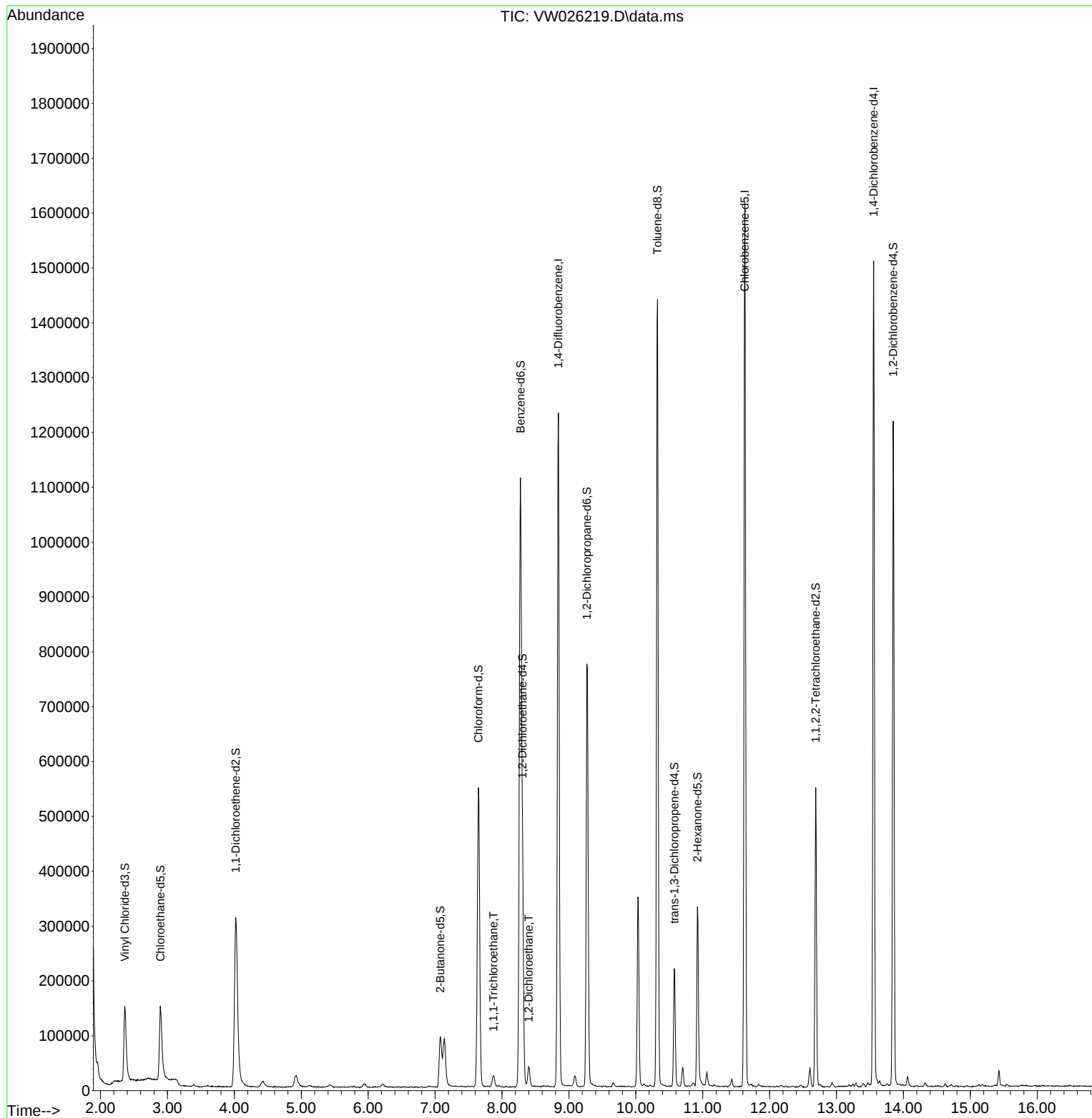
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 963624   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 824544   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 362986   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 217192   | 16.022   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.080%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 201740   | 19.880   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 115575   | 17.290   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.160%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 167408   | 42.417   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.840%  |
| 24) Chloroform-d              | 7.648  | 84    | 548632   | 19.442   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 77.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 301615   | 19.547   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 78.200%  |
| 32) Benzene-d6                | 8.276  | 84    | 1090436  | 19.654   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 364124   | 20.716   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.880%  |
| 41) Toluene-d8                | 10.325 | 98    | 905253   | 18.398   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.600%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 119475   | 17.153   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 68.600%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 107410   | 38.754   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 265966   | 20.793   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 290014   | 20.874   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 8.398  | 62    | 32114    | 1.784    | ug/L   | 95       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97    | 16436    | 0.821    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

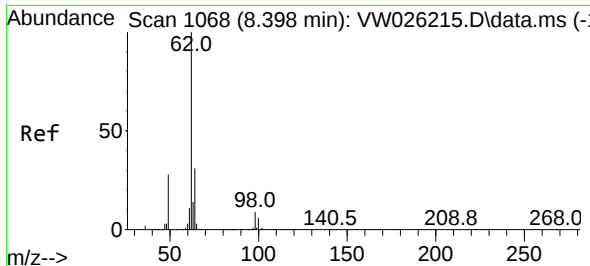
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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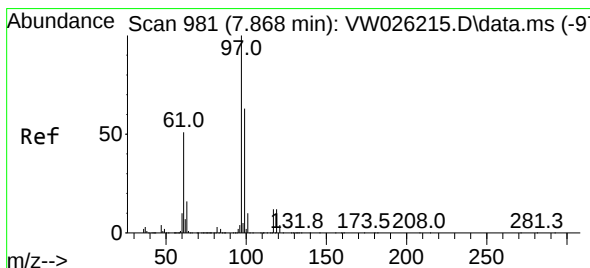
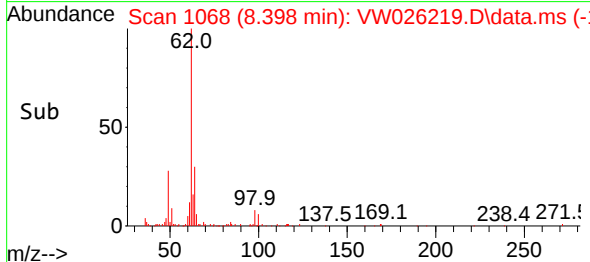
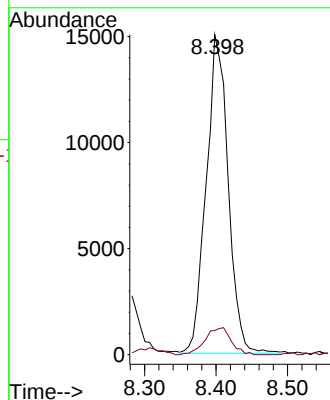
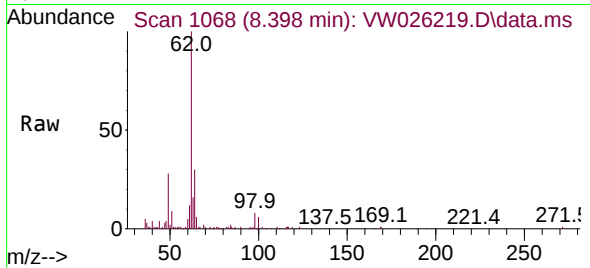




#27  
1,2-Dichloroethane  
Concen: 1.784 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VW026219.D  
Acq: 16 Jun 2023 11:08

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Tgt Ion: 62 Resp: 32114  
Ion Ratio Lower Upper  
62 100  
98 7.5 7.4 11.2



#30  
1,1,1-Trichloroethane  
Concen: 0.821 ug/L  
RT: 7.874 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW026219.D  
Acq: 16 Jun 2023 11:08

Tgt Ion: 97 Resp: 16436  
Ion Ratio Lower Upper  
97 100  
99 65.4 50.6 76.0  
61 50.8 40.5 60.7

