

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110124\  
 Data File : VW030881.D  
 Acq On : 01 Nov 2024 12:50  
 Operator : SY/MD  
 Sample : VIBLK564  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK564

Quant Time: Nov 04 00:54:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Nov 01 03:09:59 2024  
 Response via : Initial Calibration

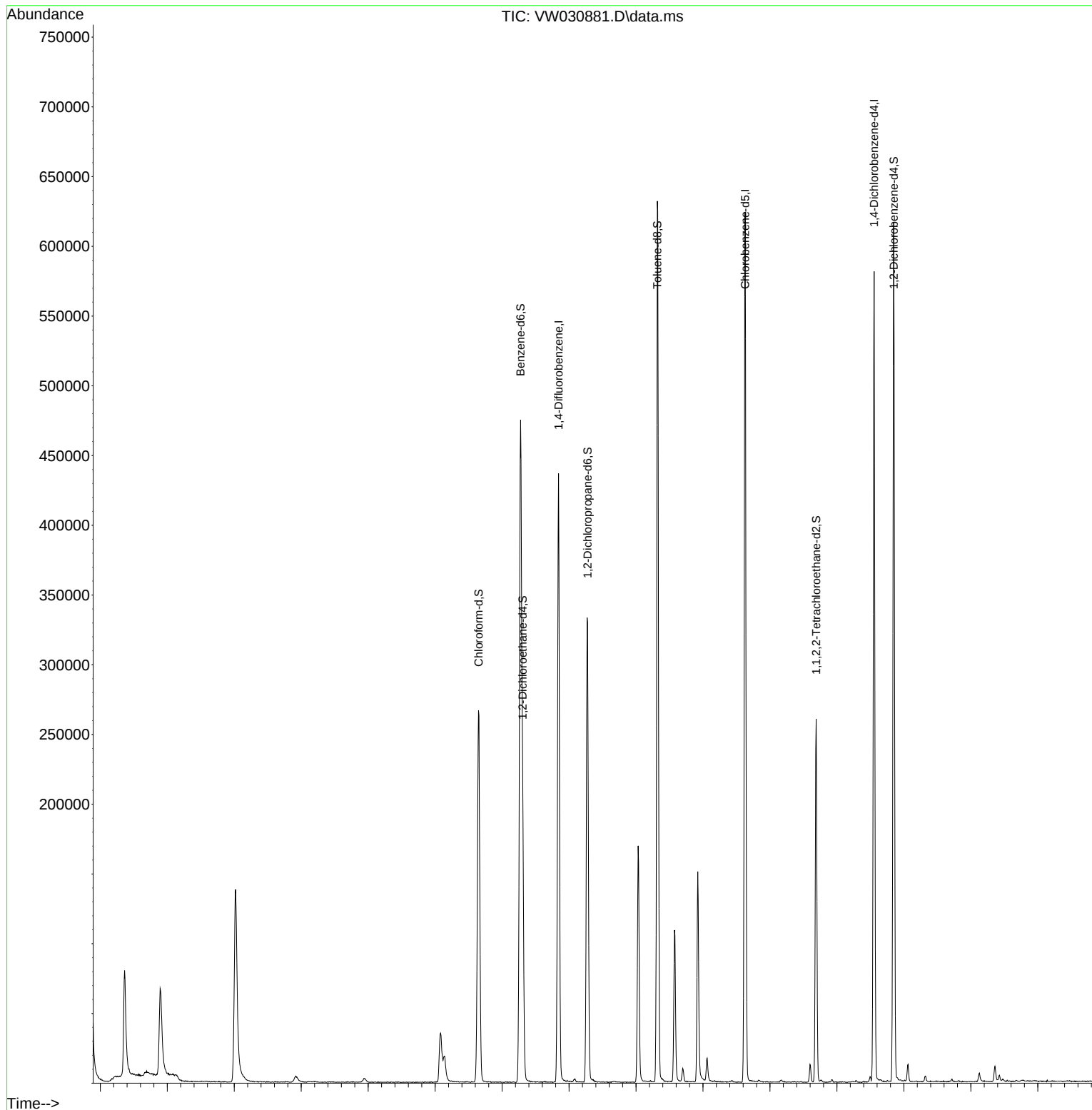
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 346044   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 328655   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 137432   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 117405   | 21.585   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.320%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 103932   | 25.243   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 100.960%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 49544    | 21.899   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 87.600%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 60897    | 62.212   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 124.420%  |
| 24) Chloroform-d              | 7.648  | 84    | 267961   | 27.077   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 108.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 149743   | 29.099   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 116.400%  |
| 32) Benzene-d6                | 8.276  | 84    | 478402   | 25.080   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 100.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 152898   | 27.309   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 109.240%  |
| 41) Toluene-d8                | 10.318 | 98    | 411293   | 23.619   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 94.480%   |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 60290    | 25.717   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 102.880%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 48067    | 66.657   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 133.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 128055   | 31.144   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 124.560%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 152712   | 32.840   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 131.360%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180   | 2069     | 0.421    | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

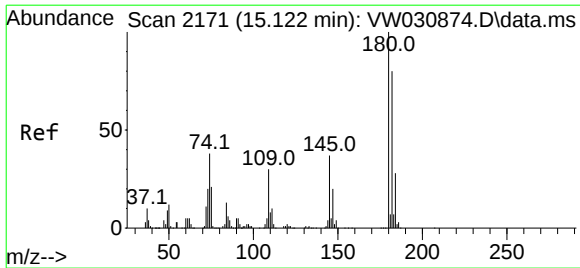
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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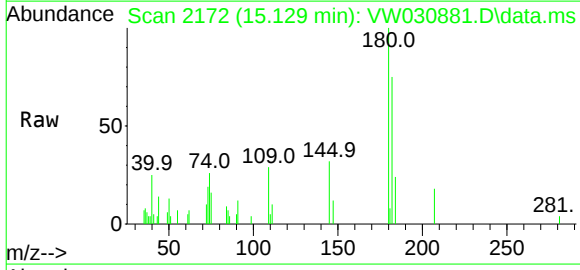
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#70  
 1,2,4-trichlorobenzene  
 Concen: 0.421 ug/L  
 RT: 15.129 min Scan# 2171  
 Delta R.T. 0.000 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2069  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.5  | 75.2  | 112.8 |
| 145      | 29.5  | 25.4  | 38.2  |

