

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122124\  
 Data File : VW031488.D  
 Acq On : 22 Dec 2024 04:04  
 Operator : SY/MD  
 Sample : P5322-09  
 Misc : 5.99g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 23 02:15:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Dec 23 01:56:19 2024  
 Response via : Initial Calibration

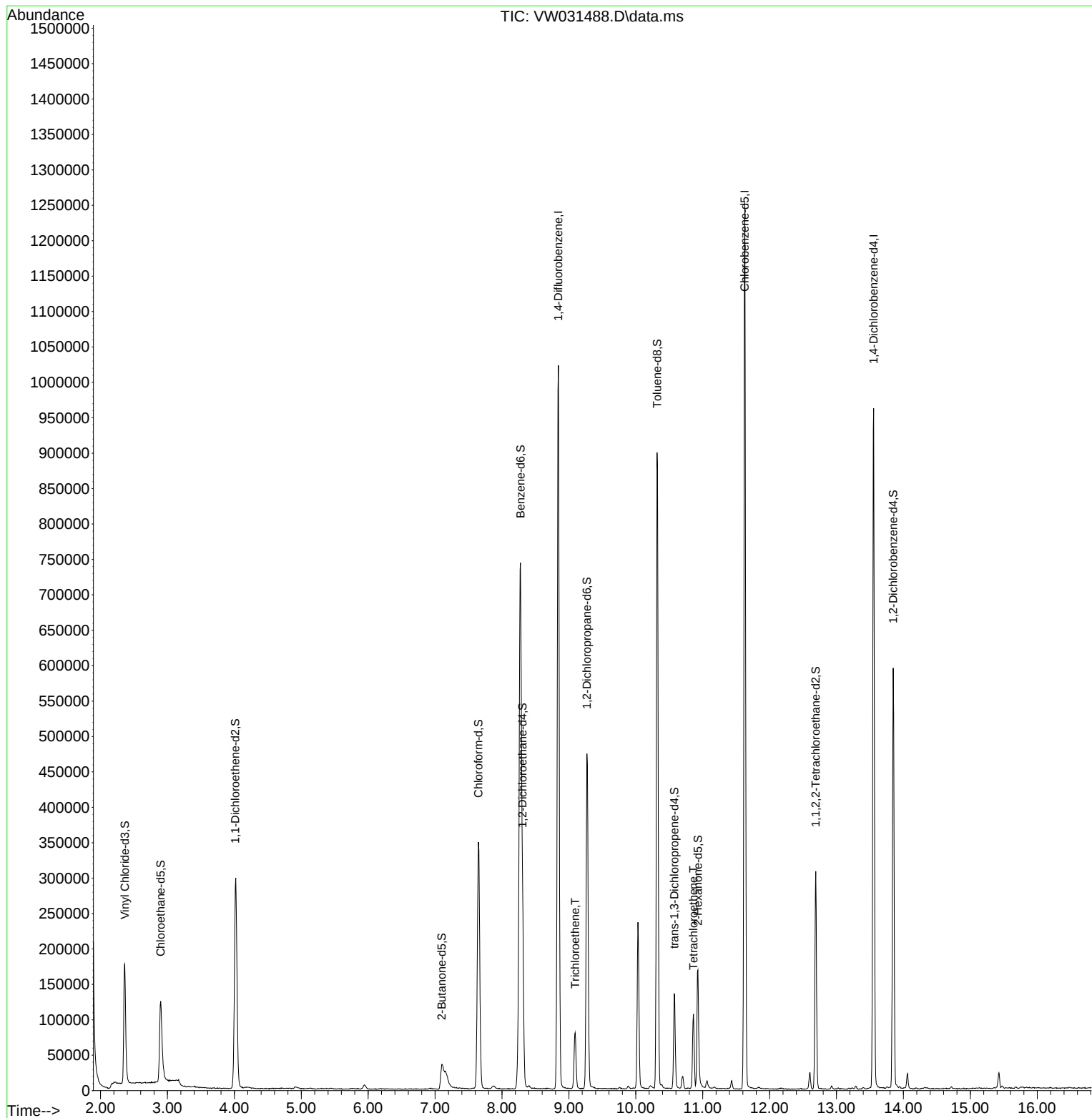
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 865002   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 672378   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 256060   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 217731   | 16.729   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 66.920%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 176389   | 18.321   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 90273    | 14.622   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 58.480%  |
| 21) 2-Butanone-d5             | 7.100  | 46    | 76218    | 31.096   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 62.200%  |
| 24) Chloroform-d              | 7.648  | 84    | 357138   | 15.069   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 60.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 200727   | 16.864   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 67.440%# |
| 32) Benzene-d6                | 8.276  | 84    | 734486   | 17.043   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 68.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 218526   | 17.399   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 69.600%# |
| 41) Toluene-d8                | 10.319 | 98    | 596373   | 14.875   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 59.520%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 74078    | 12.791   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 51.160%  |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 60422    | 35.772   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 71.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 148051   | 18.774   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 75.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 153224   | 16.119   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 64.480%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 34) Trichloroethene           | 9.093  | 95    | 28290    | 2.412    | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.861 | 164   | 23754    | 2.764    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

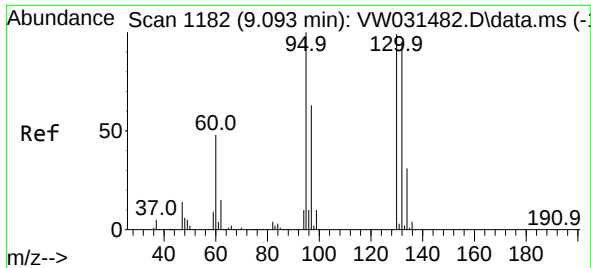
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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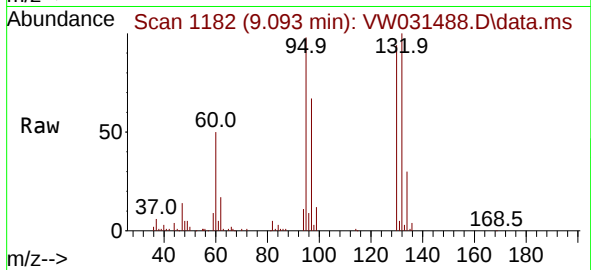
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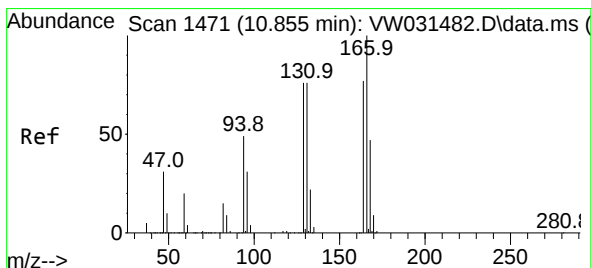
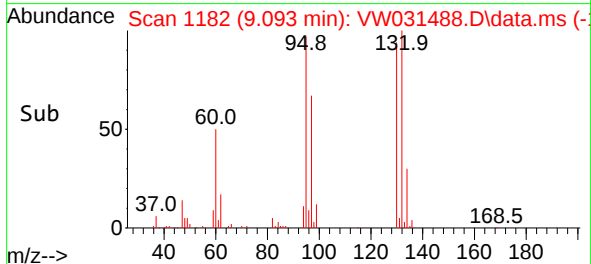
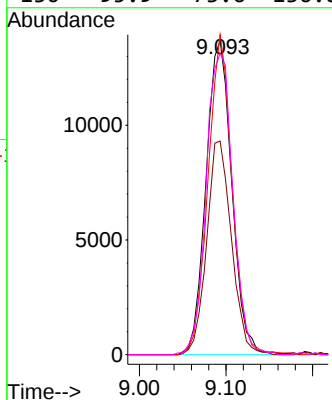
#34  
Trichloroethene  
Concen: 2.412 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW031488.D  
Acq: 22 Dec 2024 04:04

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 95 Resp: 28290

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 68.0  | 46.5  | 86.3  |
| 132 | 101.8 | 70.3  | 130.5 |
| 130 | 95.9  | 73.6  | 136.8 |



#46  
Tetrachloroethene  
Concen: 2.764 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VW031488.D  
Acq: 22 Dec 2024 04:04

Tgt Ion: 164 Resp: 23754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.3  | 73.5  | 136.5 |
| 131 | 88.6  | 66.6  | 123.8 |
| 166 | 122.4 | 92.7  | 172.3 |

