

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026911.D  
 Acq On : 25 Aug 2023 22:39  
 Operator : SY/MD  
 Sample : 04157-13  
 Misc : 5.77g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 28 01:05:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

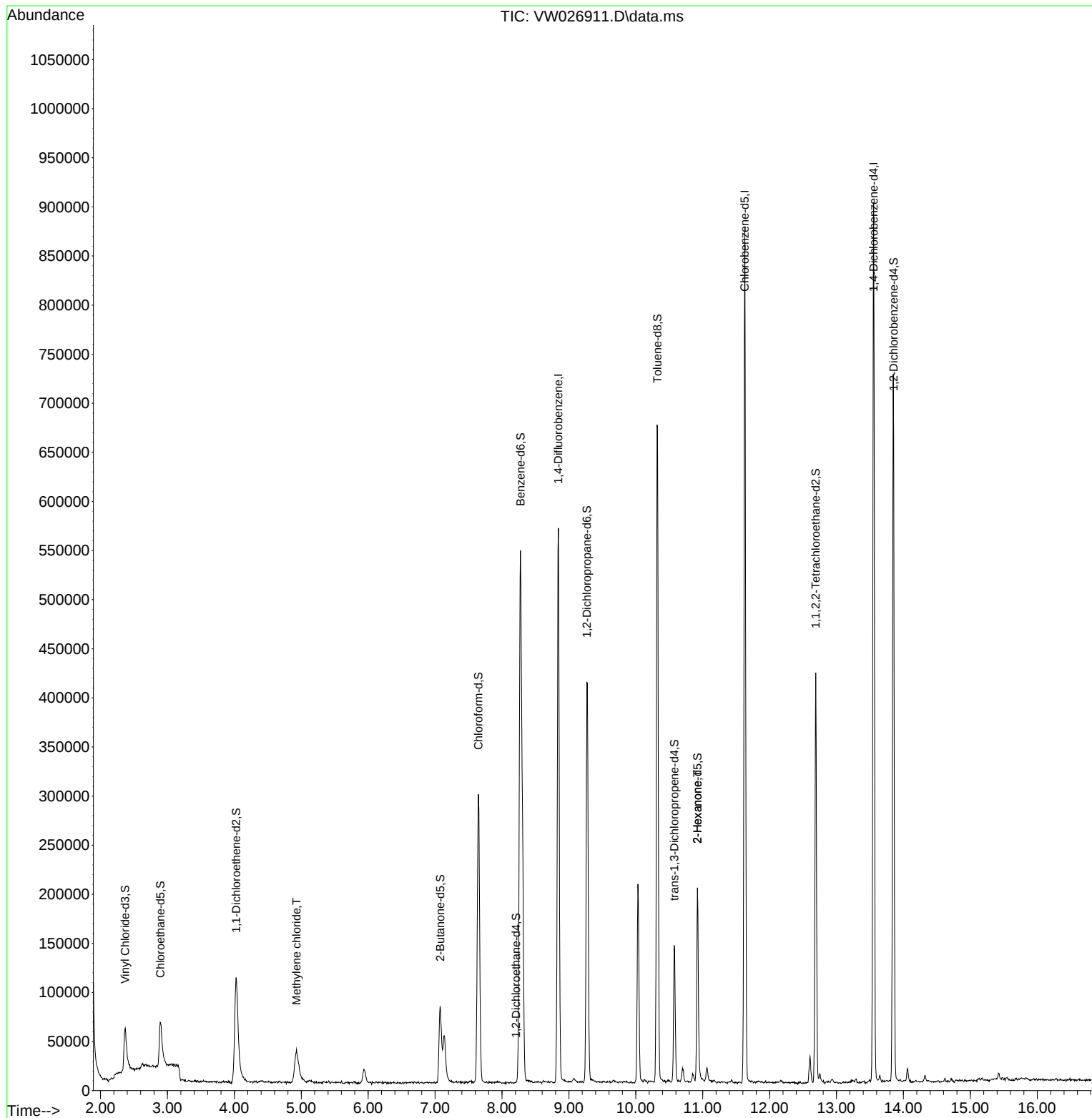
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 427098   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 429487   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 218046   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 83083    | 11.833   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.320%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 77257    | 14.798   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.200%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 48884    | 14.156   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.640%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 138759   | 68.762   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 137.520%# |
| 24) Chloroform-d              | 7.648  | 84    | 293977   | 20.508   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.040%   |
| 26) 1,2-Dichloroethane-d4     | 8.209  | 65    | 138      | 0.017    | ug/L   | -0.10     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.080%#   |
| 32) Benzene-d6                | 8.276  | 84    | 517721   | 17.491   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 69.960%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 185339   | 20.102   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 80.400%   |
| 41) Toluene-d8                | 10.325 | 98    | 433596   | 17.065   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.240%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 74697    | 19.622   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.480%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 63757    | 65.809   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 131.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 200290   | 27.507   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 110.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 168537   | 21.595   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.400%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.929  | 84    | 31817    | 3.851    | ug/L   | 98        |
| 48) 2-Hexanone                | 10.922 | 43    | 8930     | 2.355    | ug/L # | 56        |
| -----                         |        |       |          |          |        |           |

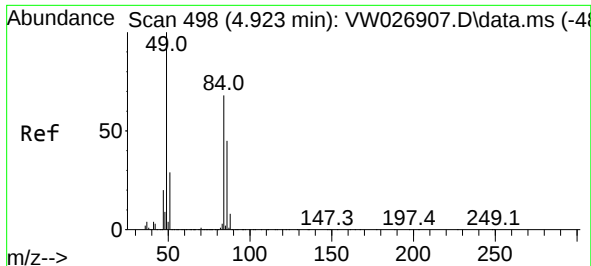
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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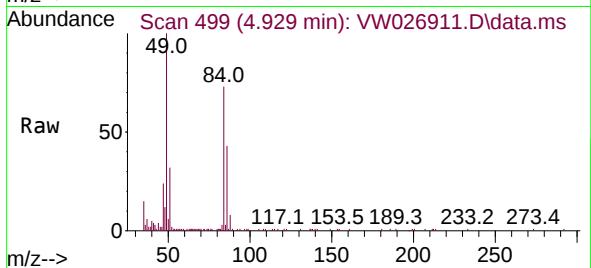
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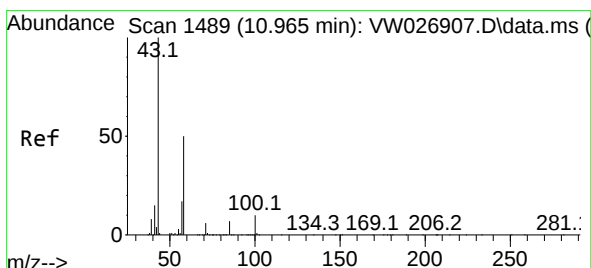
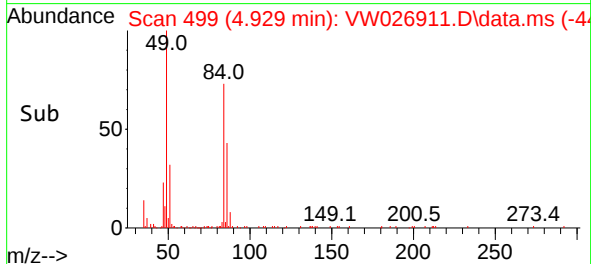
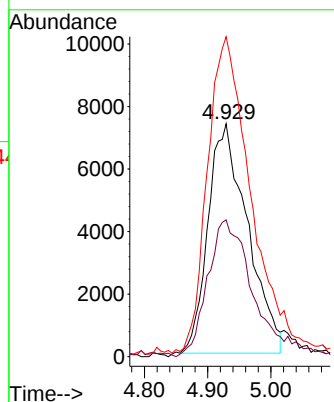
#16  
Methylene chloride  
Concen: 3.851 ug/L  
RT: 4.929 min Scan# 499  
Delta R.T. 0.006 min  
Lab File: VW026911.D  
Acq: 25 Aug 2023 22:39

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 31817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 58.7  | 43.5  | 80.9  |
| 49  | 137.4 | 96.0  | 178.2 |



#48  
2-Hexanone  
Concen: 2.355 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW026911.D  
Acq: 25 Aug 2023 22:39

Tgt Ion: 43 Resp: 8930

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 17.2  | 41.1  | 61.7# |
| 57  | 36.1  | 14.3  | 21.5# |
| 100 | 1.4   | 8.8   | 13.2# |

