

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082423\  
 Data File : VW026869.D  
 Acq On : 24 Aug 2023 22:29  
 Operator : SY/MD  
 Sample : 04138-23  
 Misc : 6.03g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 25 05:22:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 05:00:16 2023  
 Response via : Initial Calibration

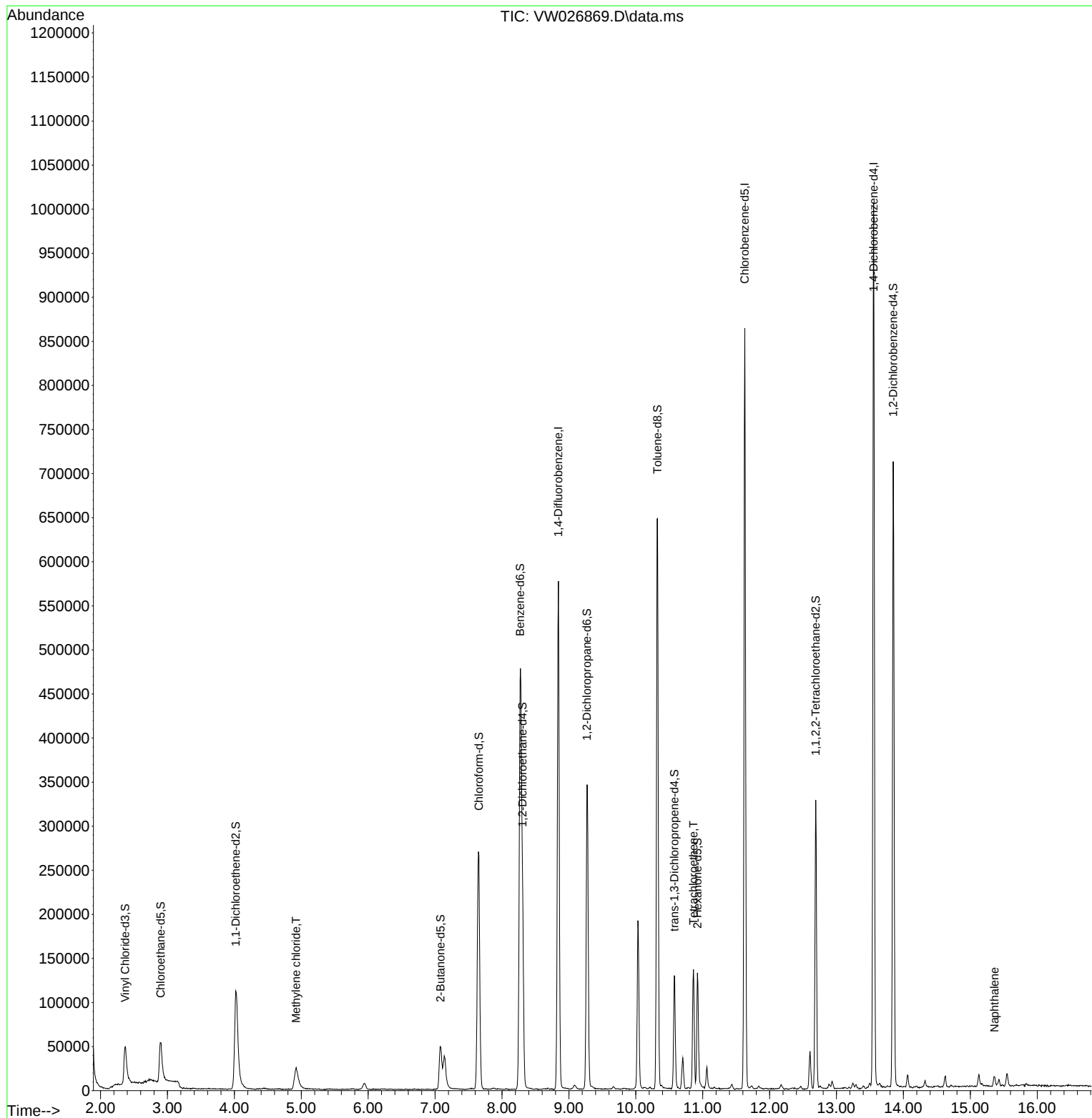
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 460315   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 439915   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 248670   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 77172    | 10.198   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 40.800%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 73123    | 12.995   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 52.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 47539    | 12.773   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 51.080%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 84664    | 38.927   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.860%  |
| 24) Chloroform-d              | 7.654  | 84    | 279671   | 18.102   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 177262   | 20.791   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.160%  |
| 32) Benzene-d6                | 8.270  | 84    | 481517   | 15.882   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 63.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 149883   | 15.871   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 63.480%# |
| 41) Toluene-d8                | 10.325 | 98    | 428805   | 16.476   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 65.920%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 69822    | 17.906   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.640%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 43531    | 43.867   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 149536   | 20.050   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 177187   | 19.907   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 79.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.923  | 84    | 22833    | 2.564    | ug/L   | 86       |
| 46) Tetrachloroethene         | 10.861 | 164   | 29482    | 4.974    | ug/L   | 94       |
| 71) Naphthalene               | 15.360 | 128   | 9220     | 0.525    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

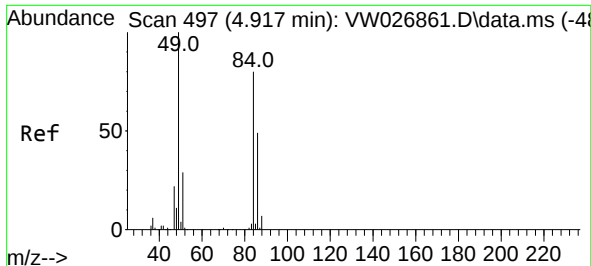
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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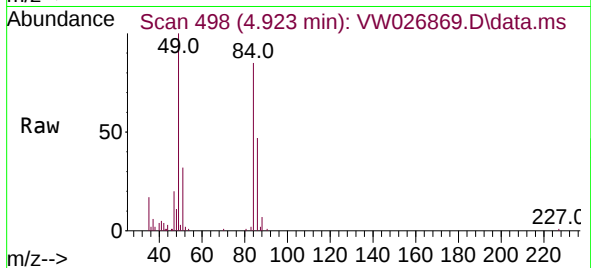
Quant Time: Aug 25 05:22:39 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
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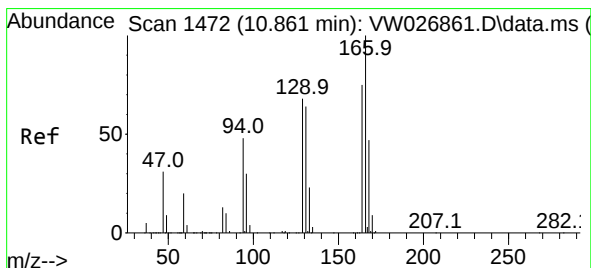
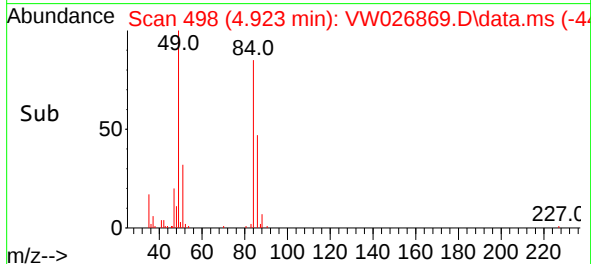
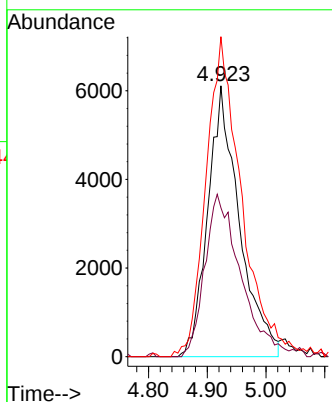


#16  
Methylene chloride  
Concen: 2.564 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW026869.D  
Acq: 24 Aug 2023 22:29

Instrument :  
MSVOA\_W  
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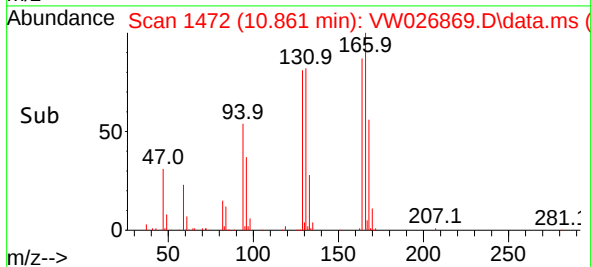
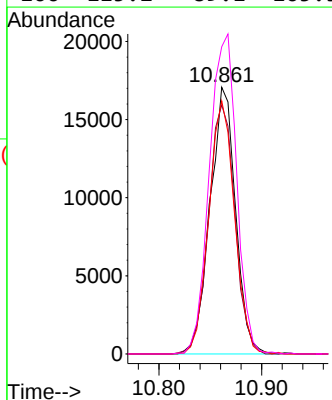
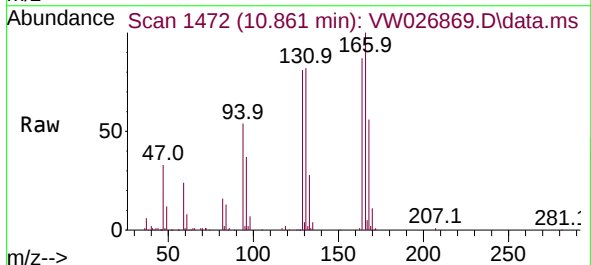


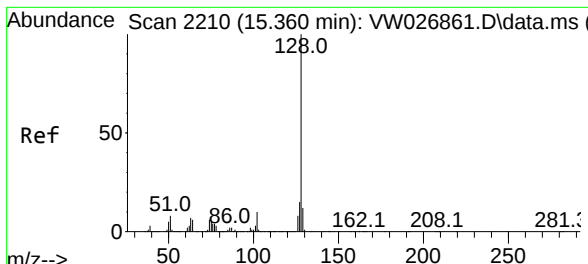
Tgt Ion: 84 Resp: 22833  
Ion Ratio Lower Upper  
84 100  
86 55.0 43.5 80.9  
49 118.2 96.0 178.2



#46  
Tetrachloroethene  
Concen: 4.974 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW026869.D  
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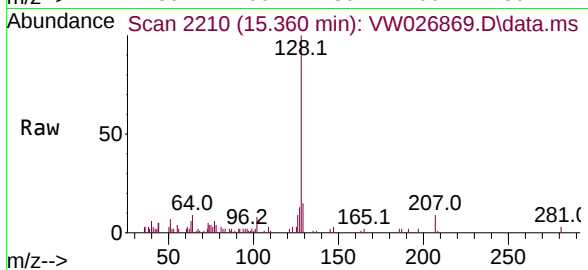
Tgt Ion:164 Resp: 29482  
Ion Ratio Lower Upper  
164 100  
129 93.3 68.1 126.5  
131 94.9 65.5 121.7  
166 115.2 89.1 165.5





#71  
Naphthalene  
Concen: 0.525 ug/L  
RT: 15.360 min Scan# 21  
Delta R.T. 0.000 min  
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|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 9220 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 14.1  | 10.7  | 16.1 |
| 129       | 11.0  | 9.0   | 13.4 |

