

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050423\  
 Data File : VW025851.D  
 Acq On : 04 May 2023 17:45  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK453

Quant Time: May 04 23:20:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 04 23:16:54 2023  
 Response via : Initial Calibration

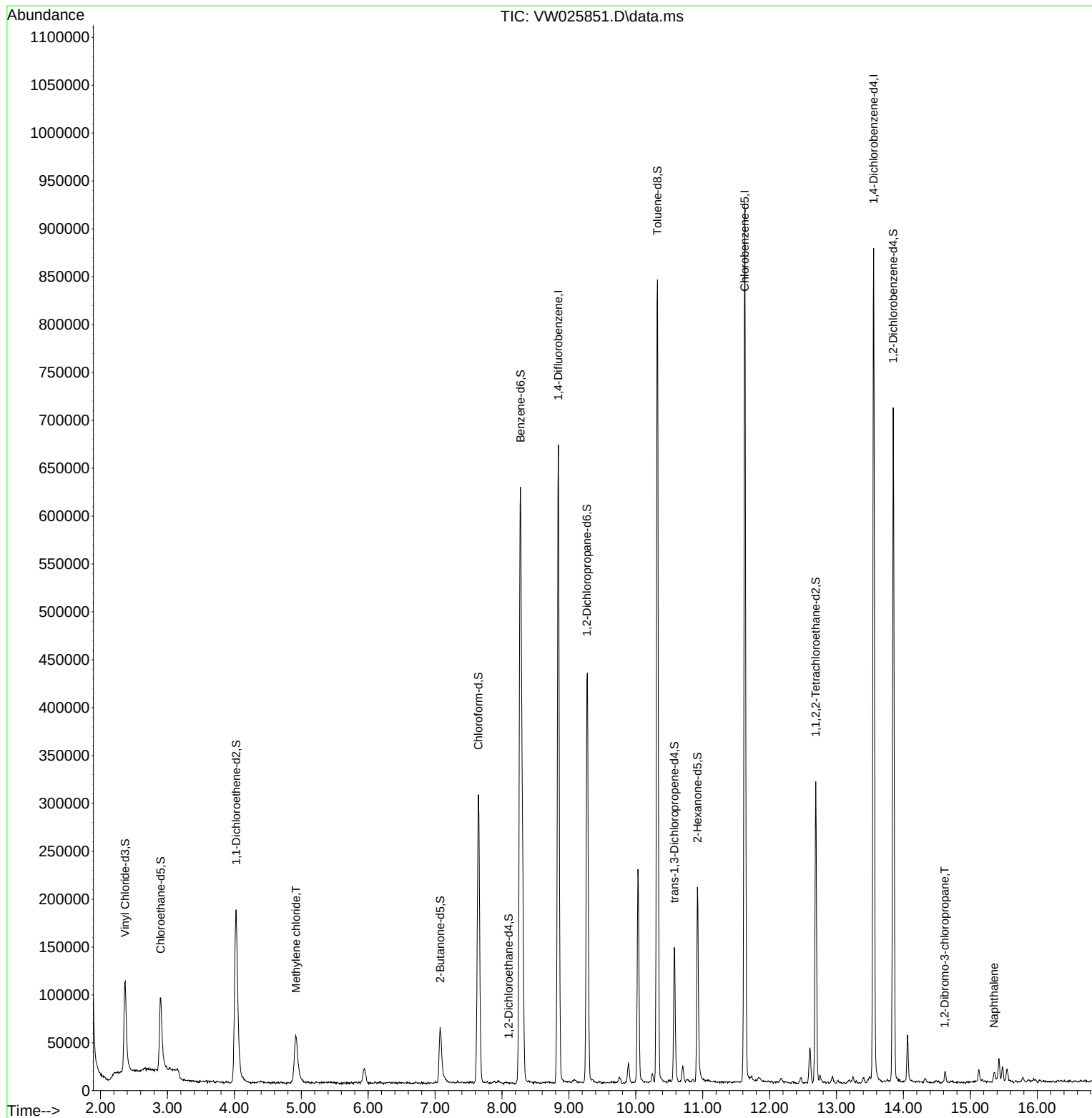
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 509803   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 471449   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 212103   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 157841   | 21.849   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.400%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 118638   | 22.151   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 72021    | 19.909   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.640%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 104121   | 43.597   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.200%  |
| 24) Chloroform-d              | 7.648  | 84    | 301428   | 20.505   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.099  | 65    | 63       | 0.008    | ug/L   | -0.20    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 627478   | 20.369   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 202673   | 20.563   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 539961   | 19.657   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.640%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 76168    | 19.065   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.240%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 66274    | 39.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 158004   | 21.032   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 161807   | 20.927   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.923  | 84    | 43645    | 4.151    | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.616 | 75    | 1156     | 0.995    | ug/L # | 11       |
| 71) Naphthalene               | 15.354 | 128   | 8293     | 0.569    | ug/L # | 94       |
| -----                         |        |       |          |          |        |          |

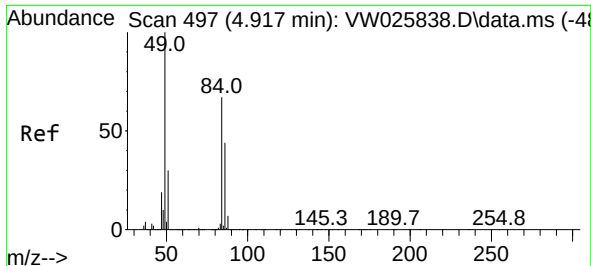
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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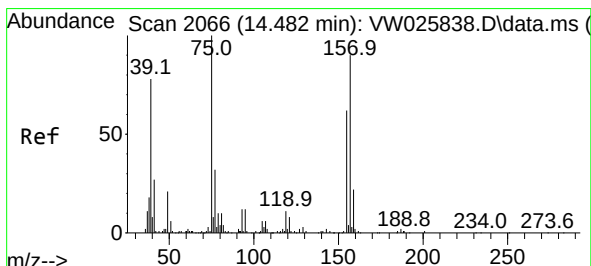
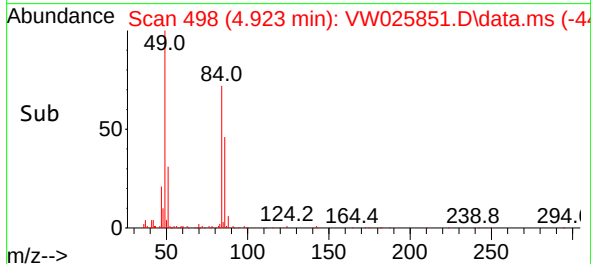
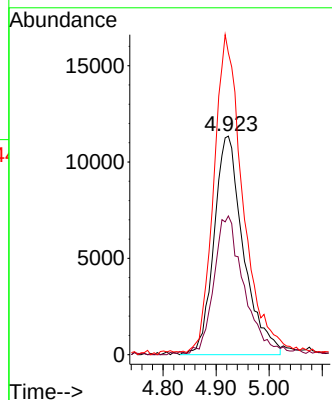
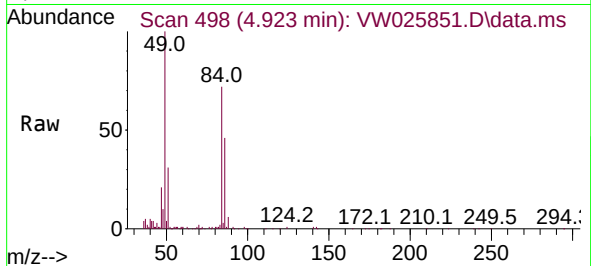




#16  
Methylene chloride  
Concen: 4.151 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW025851.D  
Acq: 04 May 2023 17:45

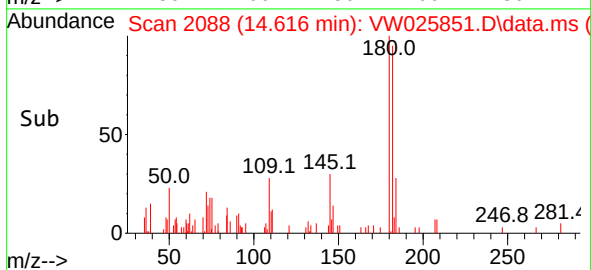
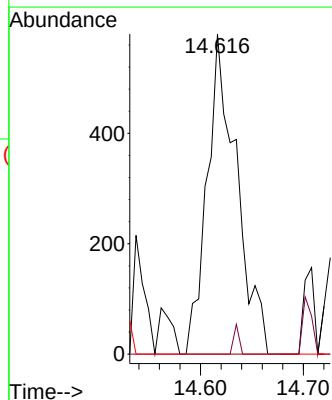
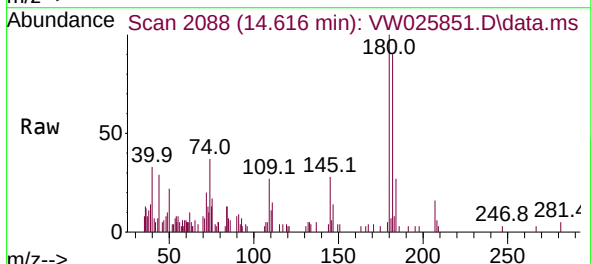
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MSVOA\_W  
ClientSampleId :  
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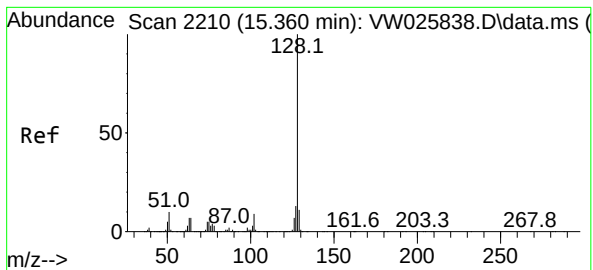
Tgt Ion: 84 Resp: 43645  
Ion Ratio Lower Upper  
84 100  
86 63.5 41.7 77.5  
49 138.1 95.3 177.1



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.995 ug/L  
RT: 14.616 min Scan# 2088  
Delta R.T. 0.134 min  
Lab File: VW025851.D  
Acq: 04 May 2023 17:45

Tgt Ion: 75 Resp: 1156  
Ion Ratio Lower Upper  
75 100  
155 0.0 56.3 84.5#  
157 0.0 66.3 99.5#





#71  
Naphthalene  
Concen: 0.569 ug/L  
RT: 15.354 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VW025851.D  
Acq: 04 May 2023 17:45

Instrument :  
MSVOA\_W  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 8293  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 16.9  | 10.5  | 15.7# |
| 129      | 10.9  | 8.5   | 12.7  |

