

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052824\  
 Data File : VW028839.D  
 Acq On : 28 May 2024 18:18  
 Operator : SY/MD  
 Sample : P2590-21RE  
 Misc : 4.47g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 29 00:59:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 29 00:53:59 2024  
 Response via : Initial Calibration

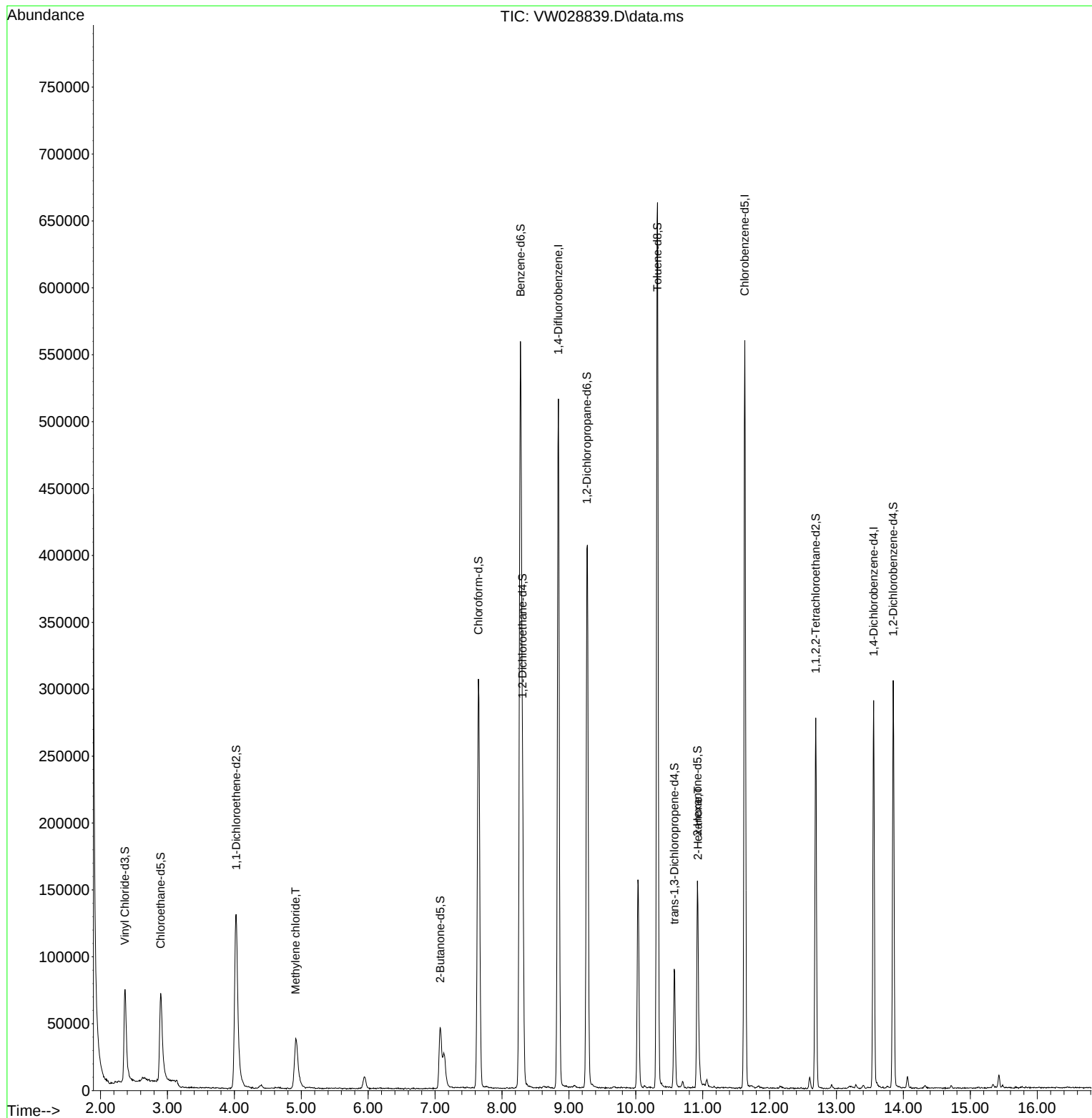
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 410041   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 294586   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 70421    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 115067   | 14.778   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.120%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 110471   | 18.529   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.120%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 53888    | 16.565   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.240%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 76998    | 37.903   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.800%   |
| 24) Chloroform-d              | 7.648  | 84    | 307105   | 23.969   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.880%   |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 166488   | 22.697   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.800%   |
| 32) Benzene-d6                | 8.276  | 84    | 556440   | 28.311   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 113.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 188745   | 31.913   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 127.640%# |
| 41) Toluene-d8                | 10.324 | 98    | 423286   | 24.319   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.280%   |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 47729    | 20.061   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.240%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 47407    | 46.475   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.940%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 136617   | 27.547   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 110.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 73440    | 27.362   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 109.440%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 16) Methylene chloride        | 4.917  | 84    | 32737    | 5.162    | ug/L   | 93        |
| 48) 2-Hexanone                | 10.928 | 43    | 7038     | 2.943    | ug/L # | 67        |
| -----                         |        |       |          |          |        |           |

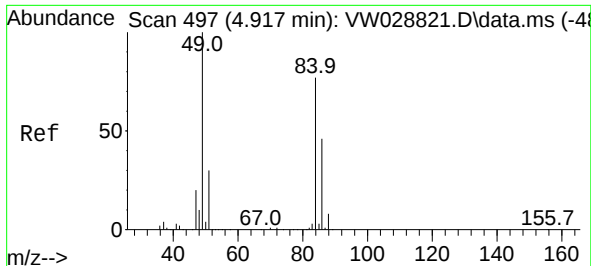
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed May 29 00:53:59 2024  
Response via : Initial Calibration





#16

Methylene chloride

Concen: 5.162 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

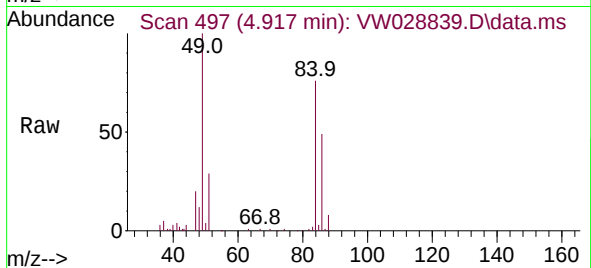
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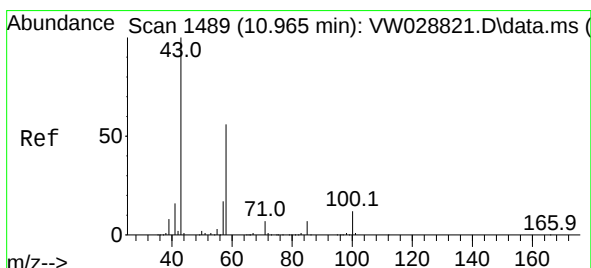
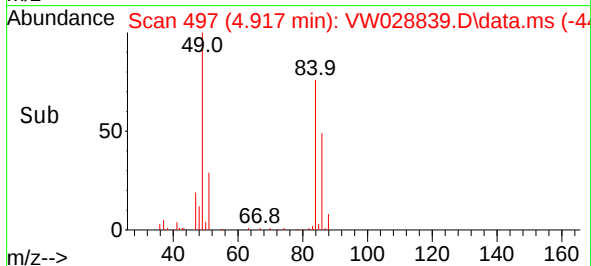
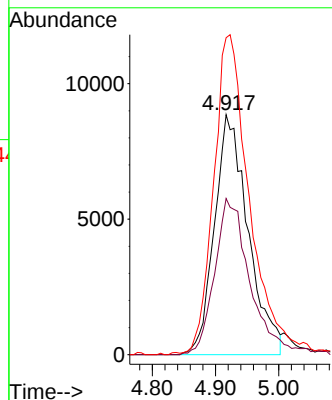
Tgt Ion: 84 Resp: 32737

Ion Ratio Lower Upper

84 100

86 65.0 44.4 82.4

49 132.1 100.2 186.2



#48

2-Hexanone

Concen: 2.943 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

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Acq: 28 May 2024 18:18

Tgt Ion: 43 Resp: 7038

Ion Ratio Lower Upper

43 100

58 29.8 41.0 61.4#

57 38.5 14.8 22.2#

100 2.9 8.6 12.8#

