

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041724\  
 Data File : VW028465.D  
 Acq On : 17 Apr 2024 11:04  
 Operator : SY/MD  
 Sample : P2144-09  
 Misc : 5.48g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E07Y9

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2024  
 Supervised By :Mahesh Dadoda 04/19/2024

Quant Time: Apr 18 02:21:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 18 02:19:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 534656     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 459382     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 202851     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.369          | 65   | 177457     | 20.703  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.800% |       |          |
| 7) Chloroethane-d5            | 2.905          | 69   | 140954     | 21.697  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.800% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 76328      | 21.028  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 84.120% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 72222      | 45.028  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 90.060% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 306068     | 21.938  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 87.760% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 169534m    | 23.383  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.520% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 617777     | 24.617  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.480% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 183389     | 24.585  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 98.320% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 549672     | 24.087  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 96.360% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 68591      | 23.125  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 92.480% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 51136      | 49.488  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.980% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 124136     | 23.586  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.360% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 150332     | 23.434  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 93.720% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 23359      | 2.887   | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.861         | 164  | 244480     | 42.050  | ug/L  | 95       |
| -----                         |                |      |            |         |       |          |

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

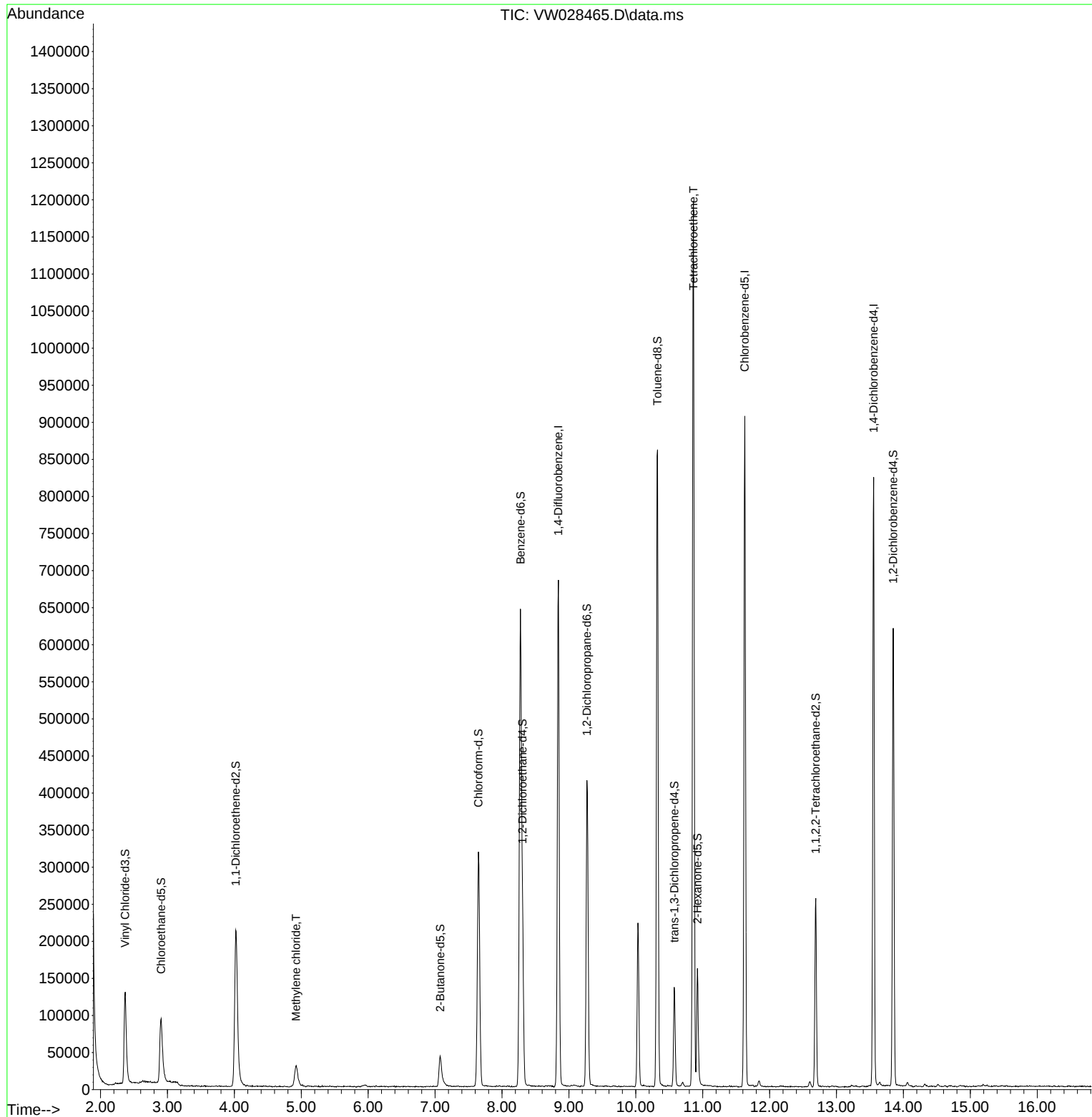
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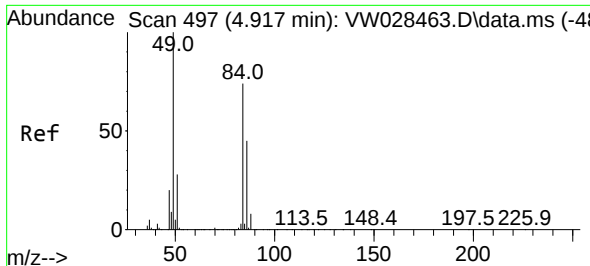
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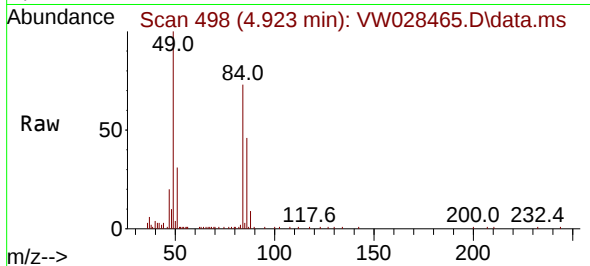
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Quant Title : SFAM01.0  
QLast Update : Thu Apr 18 02:19:47 2024  
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#16  
Methylene chloride  
Concen: 2.887 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW028465.D  
Acq: 17 Apr 2024 11:04

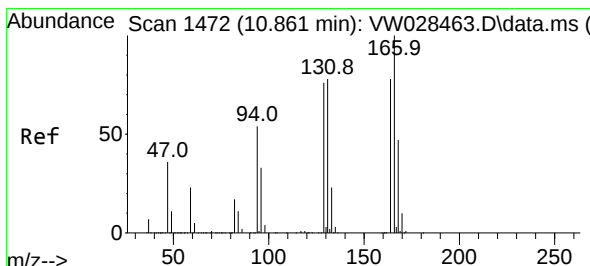
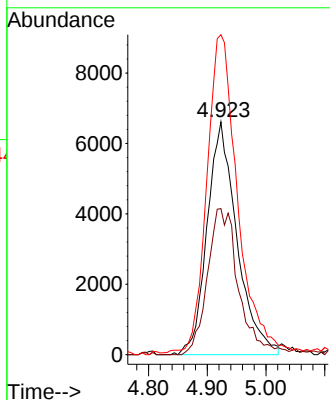
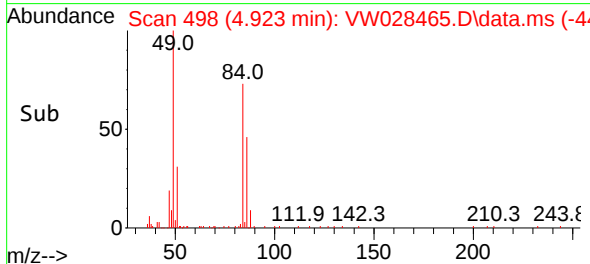
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Tgt Ion: 84 Resp: 2335  
Ion Ratio Lower Upper  
84 100  
86 62.7 44.2 82.0  
49 137.5 95.0 176.4

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#46  
Tetrachloroethene  
Concen: 42.050 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW028465.D  
Acq: 17 Apr 2024 11:04

Tgt Ion:164 Resp: 244480  
Ion Ratio Lower Upper  
164 100  
129 89.0 59.7 110.9  
131 87.8 58.2 108.2  
166 117.5 78.0 144.8

