

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
 Data File : VW028519.D  
 Acq On : 23 Apr 2024 14:57  
 Operator : SY/MD  
 Sample : VIBLK433  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK433

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024  
 Supervised By :Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:24:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 24 01:22:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 309706     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 277629     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 132815     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 84013      | 16.921  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.680% |       |          |
| 7) Chloroethane-d5            | 2.905          | 69   | 71951      | 19.120  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.480% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 39708      | 18.885  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 75.560% |       |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 41444      | 44.607  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.220% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 179397m    | 22.198  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.800% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 97809      | 23.289  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.160% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 343855     | 22.672  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 90.680% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 106789     | 23.688  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 94.760% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 311395     | 22.579  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 90.320% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 38510      | 21.483  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 85.920% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 27173      | 43.514  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.020% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 76276      | 23.981  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 95.920% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 101548     | 24.176  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 96.720% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 27826      | 5.938   | ug/L  | 95       |
| -----                         |                |      |            |         |       |          |

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

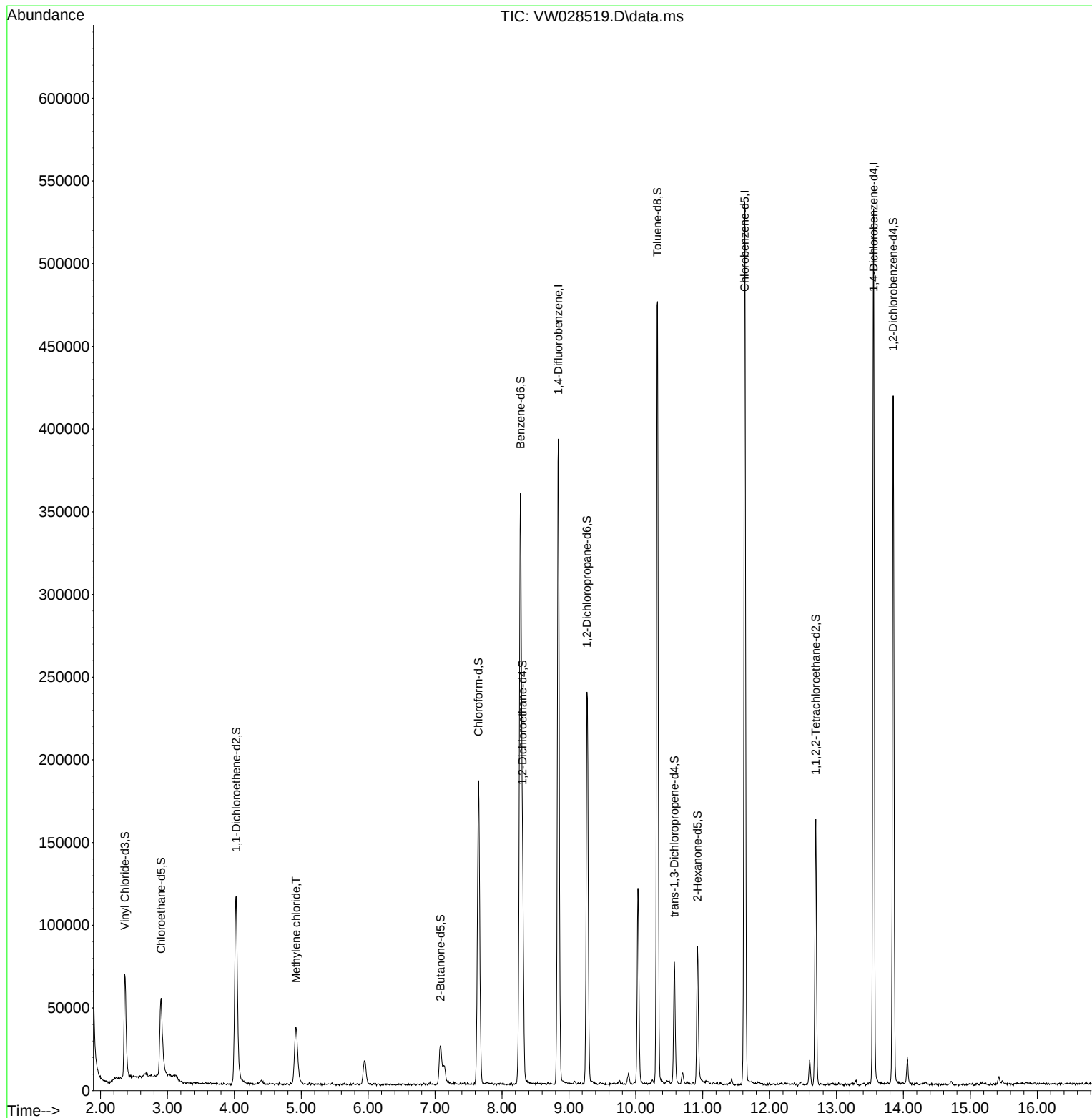
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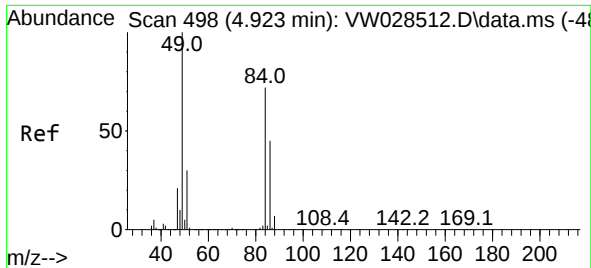
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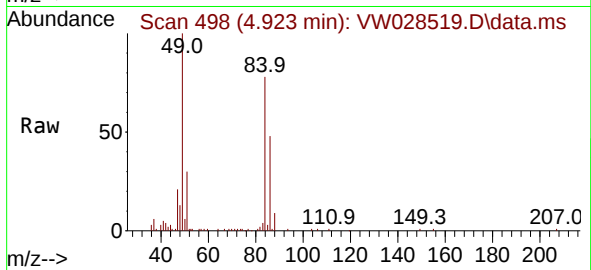
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Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 5.938 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VW028519.D  
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Tgt Ion: 84 Resp: 27820  
Ion Ratio Lower Upper  
84 100  
86 61.4 44.2 82.0  
49 127.9 95.0 176.4

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