

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072123\  
 Data File : VW026632.D  
 Acq On : 21 Jul 2023 11:40  
 Operator : SY/MD  
 Sample : 03656-17  
 Misc : 6.58g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH2T8

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2023  
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 22 01:27:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 22 01:25:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|-------|----------|
| -----                         |                |      |                      |         |       |          |
| Internal Standards            |                |      |                      |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 24105                | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 21654                | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 8841                 | 25.000  | ug/L  | 0.00     |
|                               |                |      |                      |         |       |          |
| System Monitoring Compounds   |                |      |                      |         |       |          |
| 4) Vinyl Chloride-d3          | 2.350          | 65   | 16042                | 39.454  | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 157.800%# |         |       |          |
| 7) Chloroethane-d5            | 2.887          | 69   | 13041                | 45.708  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 182.840%# |         |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 7534                 | 39.456  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 157.840%# |         |       |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 17247m               | 131.248 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 262.500%# |         |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 28631                | 41.255  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 165.040%# |         |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 17473                | 45.092  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 180.360%# |         |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 52330                | 35.204  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 140.800%# |         |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 18714                | 40.943  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 163.760%# |         |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 36115                | 28.326  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 113.320%  |         |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 6211                 | 33.909  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 135.640%# |         |       |          |
| 47) 2-Hexanone-d5             | 10.928         | 63   | 4773m                | 53.516  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 107.040%  |         |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 20336                | 52.539  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 210.160%# |         |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854         | 152  | 11511                | 35.462  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 141.840%# |         |       |          |
|                               |                |      |                      |         |       |          |
| Target Compounds              |                |      |                      |         |       | Qvalue   |
| 13) Acetone                   | 4.131          | 43   | 3348m                | 35.420  | ug/L  |          |
| 16) Methylene chloride        | 4.911          | 84   | 2982m                | 7.003   | ug/L  |          |
| -----                         |                |      |                      |         |       |          |

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

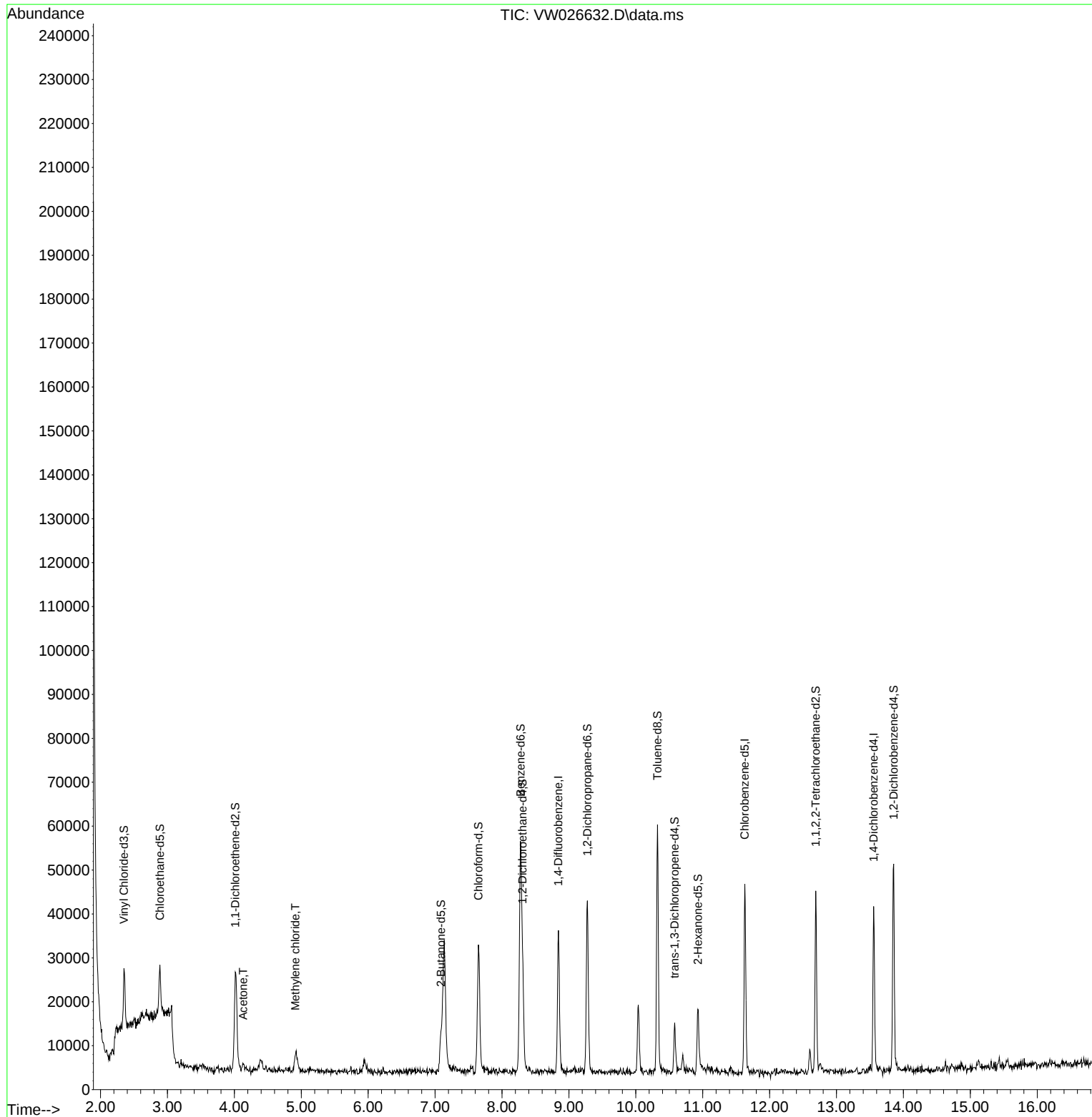
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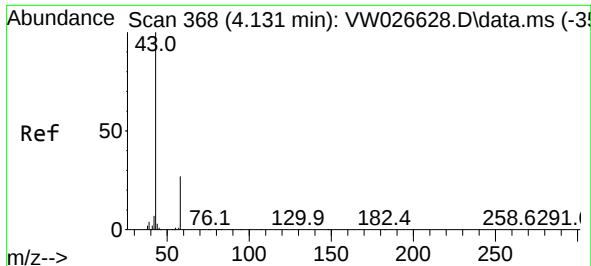
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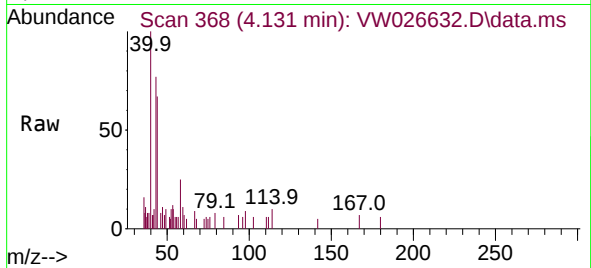
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QLast Update : Sat Jul 22 01:25:56 2023  
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#13  
Acetone  
Concen: 35.420 ug/L m  
RT: 4.131 min Scan# 368  
Delta R.T. -0.000 min  
Lab File: VW026632.D  
Acq: 21 Jul 2023 11:40

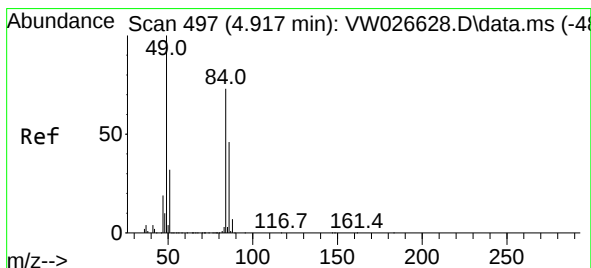
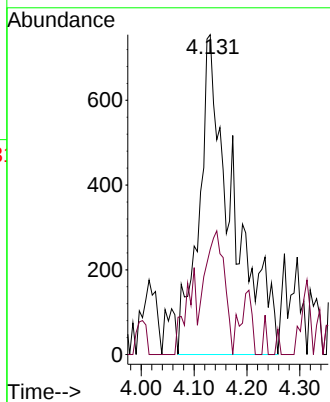
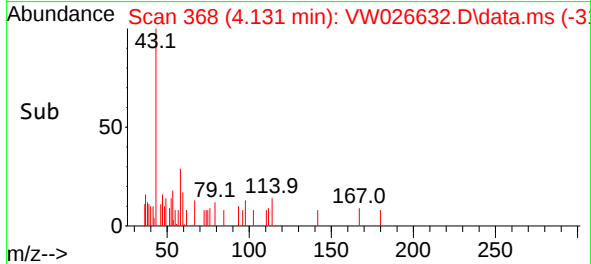
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Tgt Ion: 43 Resp: 334  
Ion Ratio Lower Upper  
43 100  
58 22.3 0.0 63.2

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#16  
Methylene chloride  
Concen: 7.003 ug/L m  
RT: 4.911 min Scan# 496  
Delta R.T. -0.006 min  
Lab File: VW026632.D  
Acq: 21 Jul 2023 11:40

Tgt Ion: 84 Resp: 2982  
Ion Ratio Lower Upper  
84 100  
86 65.3 43.8 81.3  
49 127.0 99.2 184.2

