

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081622\  
 Data File : VW024254.D  
 Acq On : 16 Aug 2022 15:24  
 Operator : SY/VA  
 Sample : N4210-10RE  
 Misc : 5.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGC53RE

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/17/2022  
 Supervised By :Semsettin Yesilyurt 08/17/2022

Quant Time: Aug 17 01:02:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 17 01:00:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                         |                |      |                      |        |        |          |
| Internal Standards            |                |      |                      |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 264365               | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633         | 117  | 203454               | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 56902                | 25.000 | ug/L   | 0.00     |
|                               |                |      |                      |        |        |          |
| System Monitoring Compounds   |                |      |                      |        |        |          |
| 4) Vinyl Chloride-d3          | 2.342          | 65   | 137235               | 24.835 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 99.320%   |        |        |          |
| 7) Chloroethane-d5            | 2.873          | 69   | 90871                | 26.398 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 105.600%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.007          | 63   | 113379m              | 18.003 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 72.000%   |        |        |          |
| 21) 2-Butanone-d5             | 7.073          | 46   | 47115                | 45.829 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 91.660%   |        |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 201505               | 25.191 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 100.760%  |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 112904               | 25.423 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 101.680%  |        |        |          |
| 32) Benzene-d6                | 8.268          | 84   | 346553               | 28.882 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 115.520%  |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 109383               | 30.875 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 123.520%# |        |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 279925               | 24.959 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 99.840%   |        |        |          |
| 43) trans-1,3-Dichloroprop... | 10.573         | 79   | 38644                | 24.904 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 99.600%   |        |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 34197                | 52.260 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 104.520%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 98589                | 28.683 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 114.720%  |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 56753                | 27.255 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 109.040%  |        |        |          |
|                               |                |      |                      |        |        |          |
| Target Compounds              |                |      |                      |        | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 3142m                | 4.151  | ug/L   |          |
| 16) Methylene chloride        | 4.909          | 84   | 22122                | 4.745  | ug/L   | 94       |
| -----                         |                |      |                      |        |        |          |

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

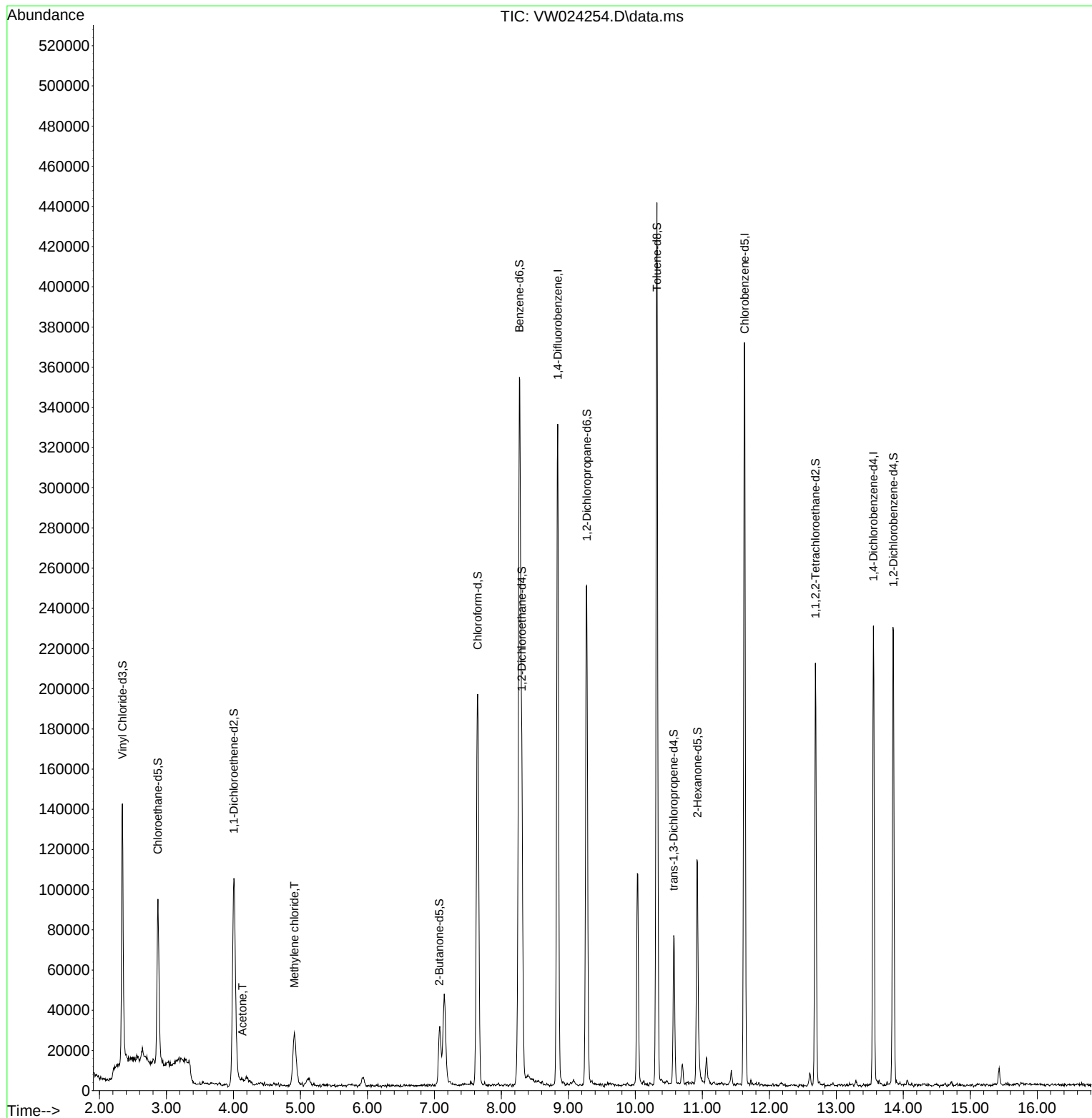
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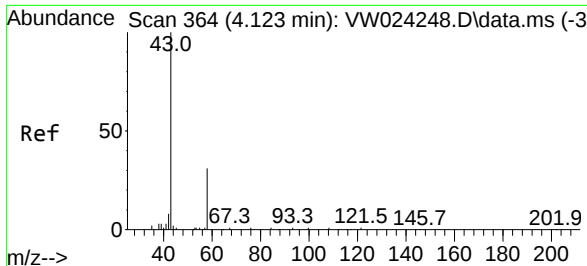
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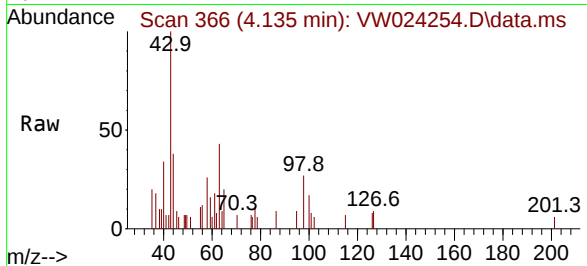
Quant Time: Aug 17 01:02:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 17 01:00:38 2022  
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#13  
Acetone  
Concen: 4.151 ug/L m  
RT: 4.135 min Scan# 366  
Delta R.T. 0.012 min  
Lab File: VW024254.D  
Acq: 16 Aug 2022 15:24

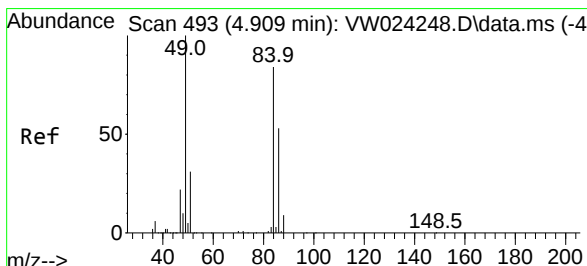
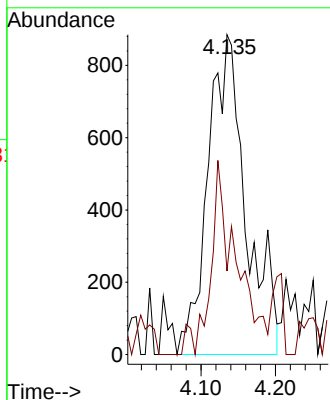
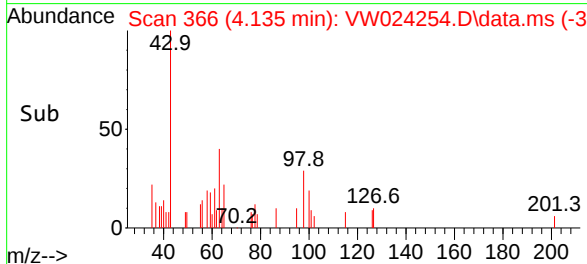
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Tgt Ion: 43 Resp: 314  
Ion Ratio Lower Upper  
43 100  
58 1.1 0.0 31.8

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#16  
Methylene chloride  
Concen: 4.745 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW024254.D  
Acq: 16 Aug 2022 15:24

Tgt Ion: 84 Resp: 22122  
Ion Ratio Lower Upper  
84 100  
86 60.8 42.8 79.6  
49 111.4 85.3 158.3

