

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062823\  
 Data File : VW026399.D  
 Acq On : 28 Jun 2023 15:33  
 Operator : SY/MD  
 Sample : 03421-05RE  
 Misc : 4.53g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4643RE

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2023  
 Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 28 23:51:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 28 23:48:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 362968     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 252311     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 69277      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 115645     | 21.931   | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.720%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 108811m    | 29.028   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 116.120% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 55327      | 23.175   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 92.720%  |        |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 82767      | 49.943   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 99.880%  |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 210858     | 20.501   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 134513m    | 23.275   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.120%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 425943     | 27.273   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 109.080% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 134802     | 26.563   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 106.240% |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 337770     | 24.709   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 98.840%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 47024      | 23.079   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 92.320%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 48795      | 62.608   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 125.220% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 93577      | 23.421   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 93.680%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 53051      | 21.994   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 87.960%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.118          | 43   | 118567     | 89.386   | ug/L   | 100      |
| 22) 2-Butanone                | 7.173          | 43   | 47569      | 23.438   | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

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

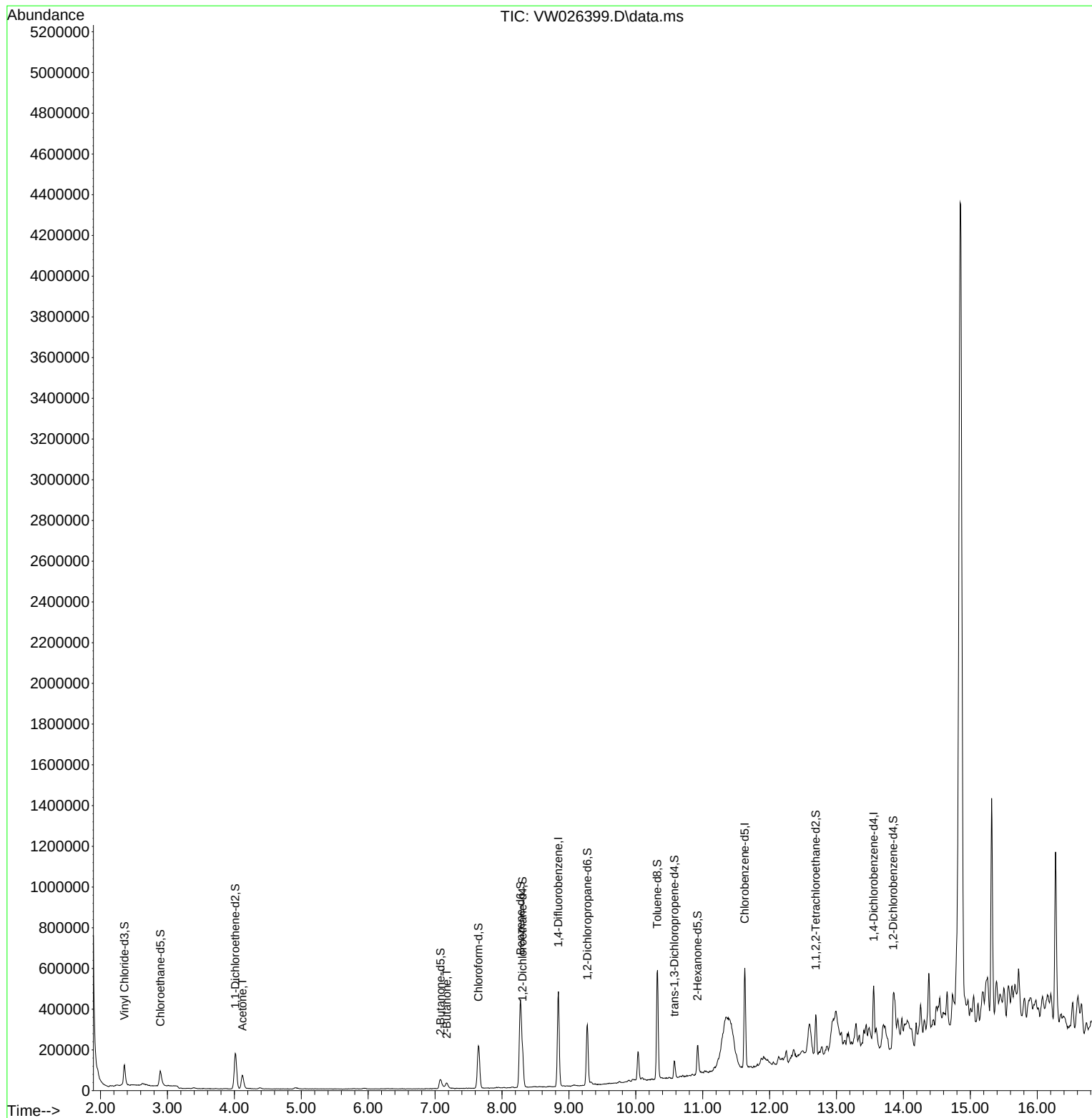
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062823\  
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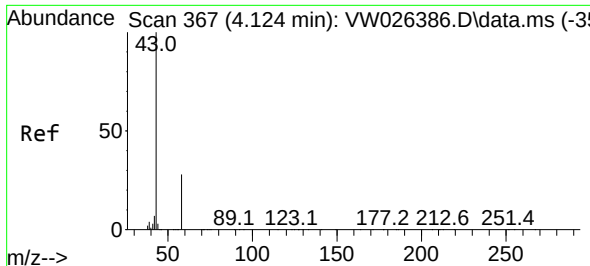
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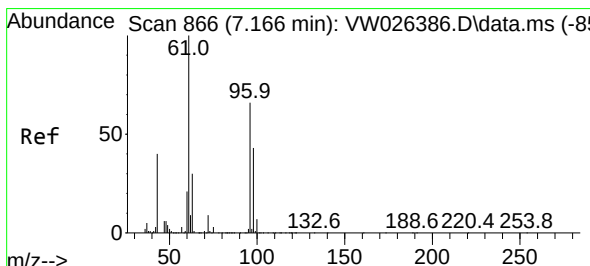
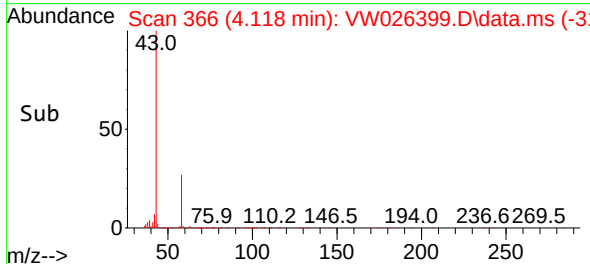
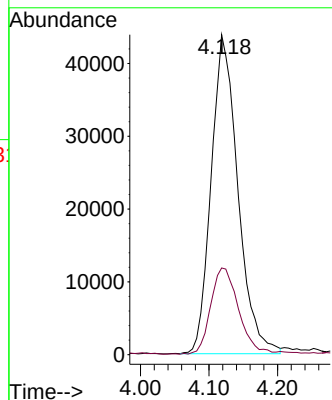
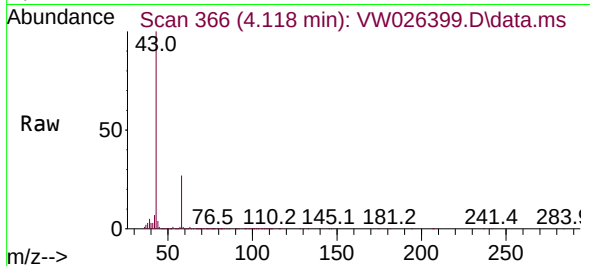
#13  
Acetone  
Concen: 89.386 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW026399.D  
Acq: 28 Jun 2023 15:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Tgt Ion: 43 Resp: 11856  
Ion Ratio Lower Upper  
43 100  
58 27.8 0.0 55.8

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#22  
2-Butanone  
Concen: 23.438 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. 0.006 min  
Lab File: VW026399.D  
Acq: 28 Jun 2023 15:33

Tgt Ion: 43 Resp: 47569  
Ion Ratio Lower Upper  
43 100  
72 21.1 11.8 35.3

