

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076612.D  
 Acq On : 28 Jun 2023 13:07  
 Operator : KP/SY  
 Sample : 03422-02RE  
 Misc : 5.38G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46J1RE

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/29/2023  
 Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 01:29:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 173277     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 110635     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 25628      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 56925      | 13.490    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 53.960%   |        |          |
| 7) Chloroethane-d5            | 2.799          | 69   | 58840      | 17.245    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.960%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.911          | 65   | 17809      | 16.168    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.680%   |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 39019      | 61.055    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 122.120%  |        |          |
| 24) Chloroform-d              | 7.563          | 84   | 90781      | 19.886    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 79.560%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 52857      | 23.470    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.880%   |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 167142     | 24.697    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.800%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.204          | 67   | 61412      | 28.428    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 113.720%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 123498     | 19.708    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.840%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 21120      | 23.505    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 94.040%   |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 25723      | 76.709    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 153.420%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 44346      | 28.854    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 115.400%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 18400      | 19.588    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.360%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.022          | 43   | 28844      | 55.880    | ug/L   | 99       |
| 22) 2-Butanone                | 7.087          | 43   | 11480m     | 13.781    | ug/L   |          |
| -----                         |                |      |            |           |        |          |

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

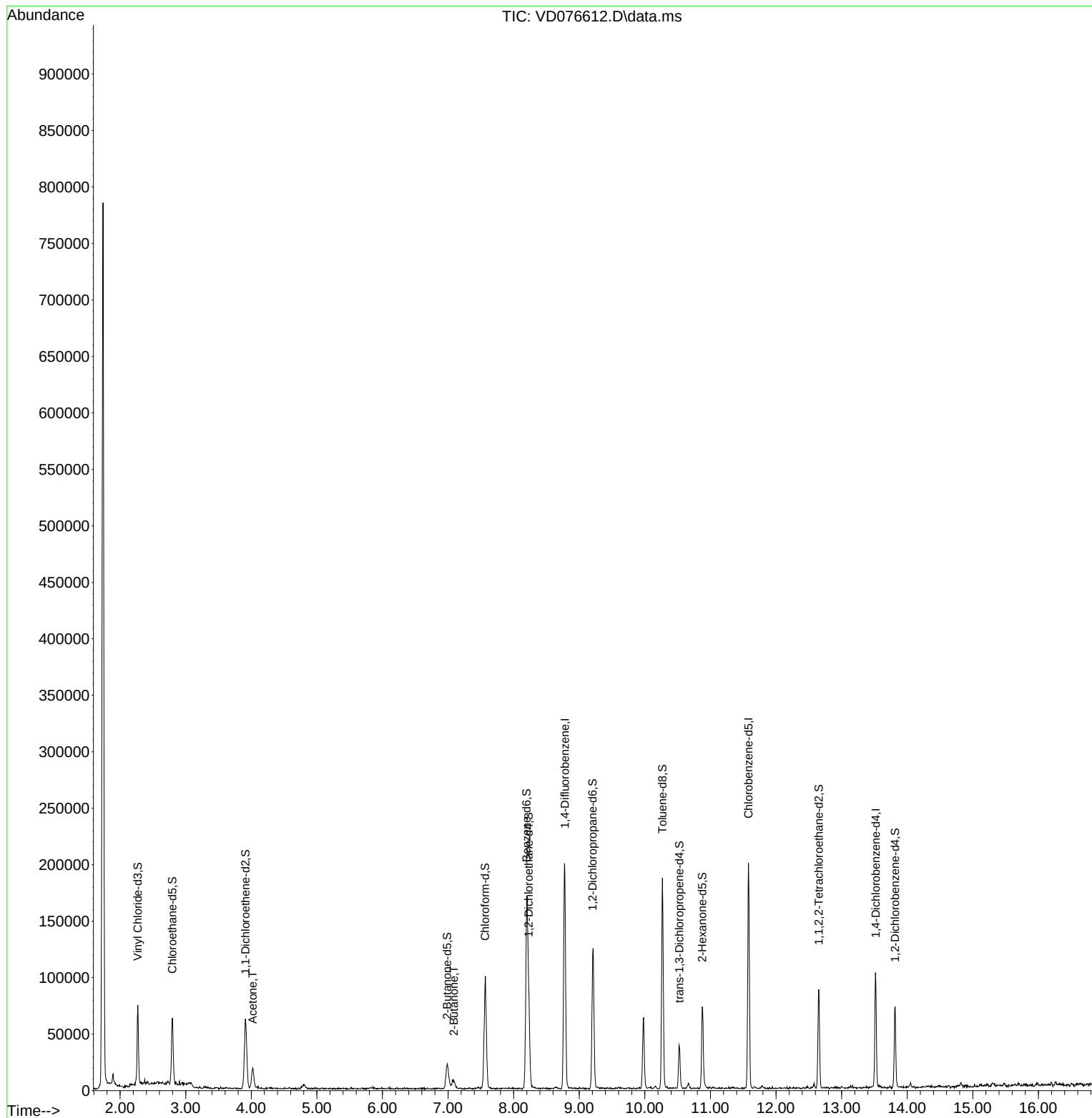
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Sample : 03422-02RE  
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ALS Vial : 7 Sample Multiplier: 1

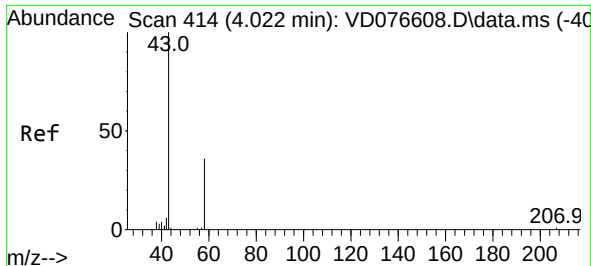
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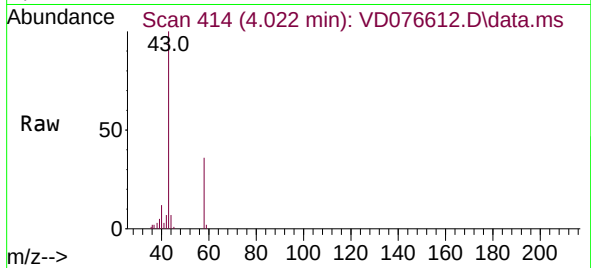
Quant Time: Jun 29 01:29:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 16 01:50:34 2023  
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#13  
Acetone  
Concen: 55.880 ug/L  
RT: 4.022 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VD076612.D  
Acq: 28 Jun 2023 13:07

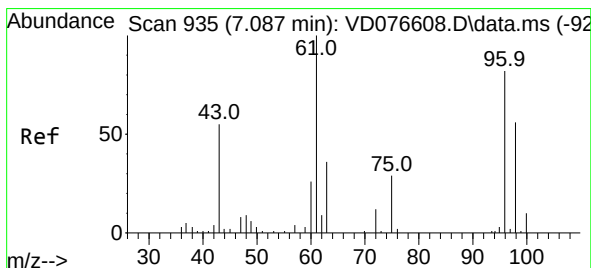
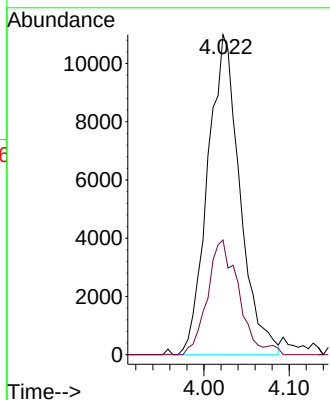
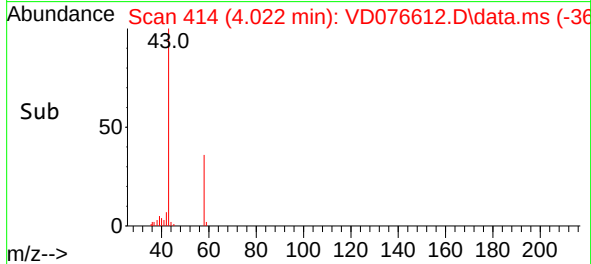
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Tgt Ion: 43 Resp: 2884  
Ion Ratio Lower Upper  
43 100  
58 34.0 0.0 67.4

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#22  
2-Butanone  
Concen: 13.781 ug/L m  
RT: 7.087 min Scan# 935  
Delta R.T. 0.006 min  
Lab File: VD076612.D  
Acq: 28 Jun 2023 13:07

Tgt Ion: 43 Resp: 11480  
Ion Ratio Lower Upper  
43 100  
72 10.7 12.9 38.7#

