

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051123\  
 Data File : VD076088.D  
 Acq On : 11 May 2023 19:01  
 Operator : KP/SY  
 Sample : 02591-22  
 Misc : 4.95G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREJ7

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/12/2023  
 Supervised By : Mahesh Dadoda 05/12/2023

Quant Time: May 12 03:06:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 12 02:22:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 355000     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.580         | 117  | 318377     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.521         | 152  | 100455     | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 53540      | 9.859     | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 39.440%   |        |          |
| 7) Chloroethane-d5            | 2.787          | 69   | 63819      | 12.800    | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 51.200%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.910          | 65   | 13184      | 9.643     | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 38.560%#  |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 77470      | 105.951   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 211.900%# |        |          |
| 24) Chloroform-d              | 7.563          | 84   | 141645     | 19.045    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.200%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 82025      | 25.090    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 100.360%  |        |          |
| 32) Benzene-d6                | 8.198          | 84   | 213753     | 14.892    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 59.560%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 92866      | 20.997    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 84.000%   |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 152028     | 11.885    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 47.560%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 36010      | 21.690    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 86.760%   |        |          |
| 47) 2-Hexanone-d5             | 10.880         | 63   | 60453      | 93.337    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 186.680%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 136622     | 35.871    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 143.480%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 61473      | 21.422    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 85.680%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.034          | 43   | 3151m      | 4.837     | ug/L   |          |
| 16) Methylene chloride        | 4.793          | 84   | 23126      | 4.006     | ug/L   | 85       |
| -----                         |                |      |            |           |        |          |

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

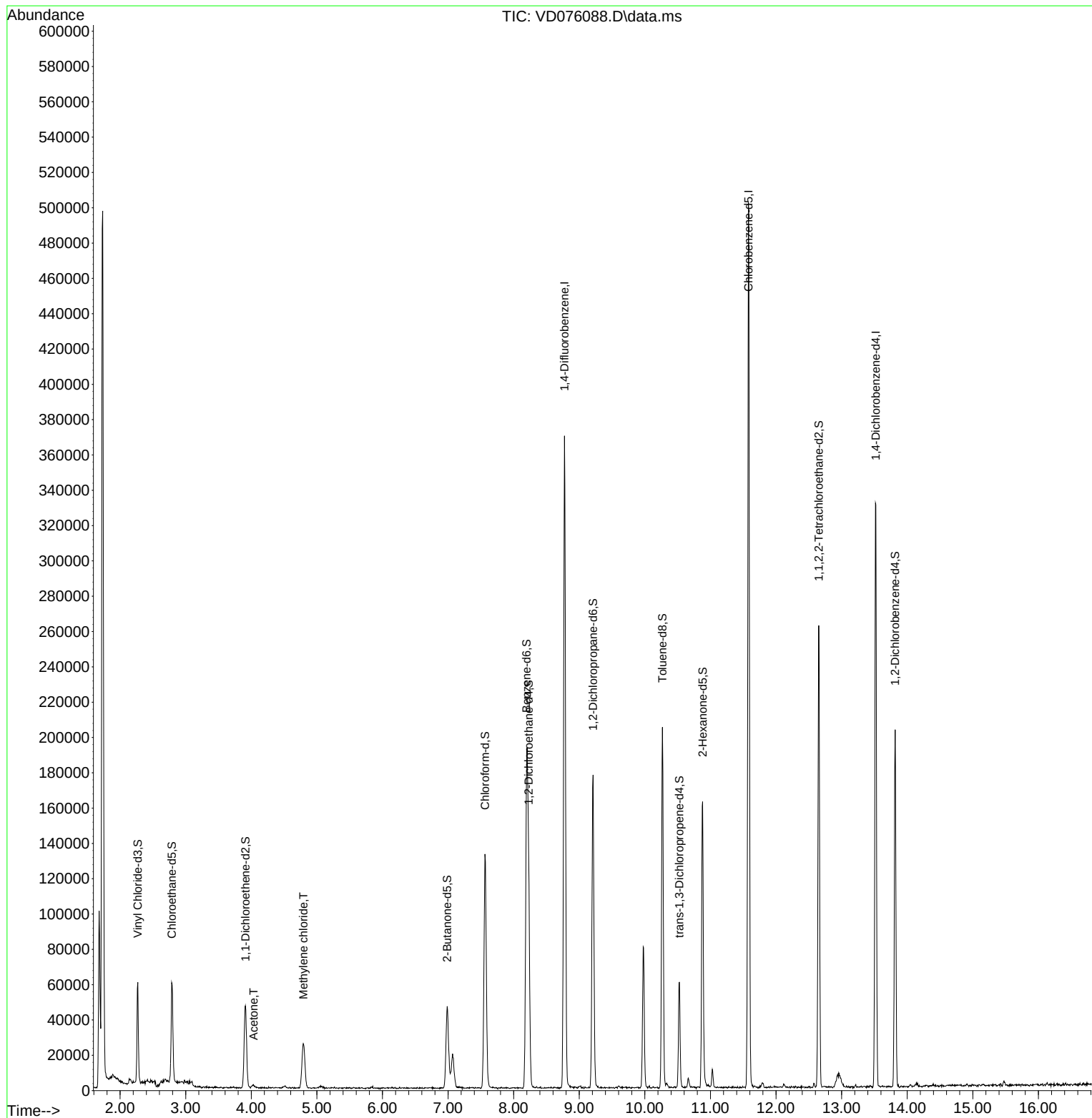
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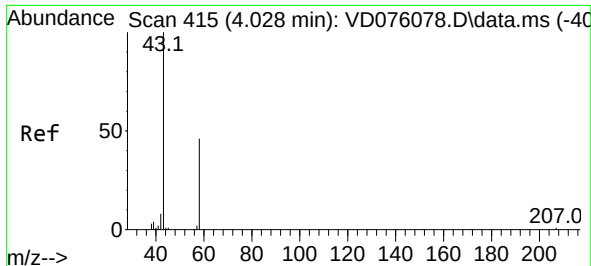
Instrument :  
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ClientSampleId :  
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Quant Time: May 12 03:06:03 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051123SMA.M  
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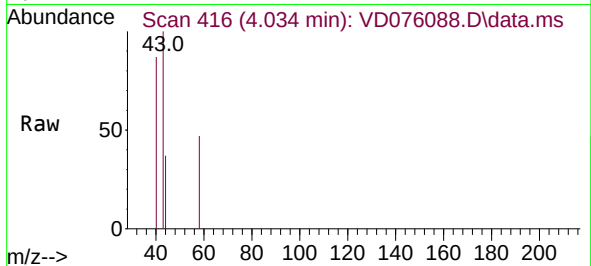
Reviewed By :John Carlone 05/12/2023  
Supervised By :Mahesh Dadoda 05/12/2023





#13  
Acetone  
Concen: 4.837 ug/L m  
RT: 4.034 min Scan# 415  
Delta R.T. 0.011 min  
Lab File: VD076088.D  
Acq: 11 May 2023 19:01

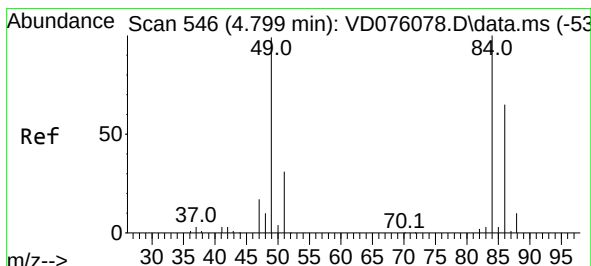
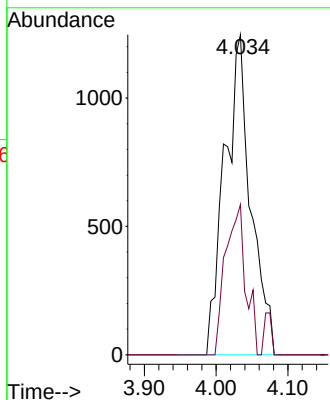
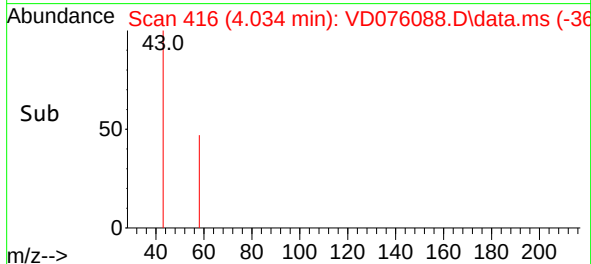
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Tgt Ion: 43 Resp: 315  
Ion Ratio Lower Upper  
43 100  
58 33.5 0.0 87.4

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#16  
Methylene chloride  
Concen: 4.006 ug/L  
RT: 4.793 min Scan# 545  
Delta R.T. -0.006 min  
Lab File: VD076088.D  
Acq: 11 May 2023 19:01

Tgt Ion: 84 Resp: 23126  
Ion Ratio Lower Upper  
84 100  
86 58.3 45.8 85.2  
49 104.4 60.8 112.8

