

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042523\  
 Data File : VD075816.D  
 Acq On : 25 Apr 2023 17:26  
 Operator : KP/SY  
 Sample : 02419-09RE  
 Misc : 5.17G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EW924RE

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 04/26/2023  
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 02:43:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 26 02:39:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 228213     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.580         | 117  | 208151     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 56302      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.275          | 65   | 80109      | 16.001    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 64.000%   |        |          |
| 7) Chloroethane-d5            | 2.804          | 69   | 82983      | 19.184    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.720%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 18596      | 16.111    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.440%   |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 44872      | 103.245   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 206.480%# |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 141743     | 24.837    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.360%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 80599      | 33.072    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 132.280%# |        |          |
| 32) Benzene-d6                | 8.198          | 84   | 254610     | 20.987    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.960%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 90874      | 27.062    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 108.240%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 201606     | 17.750    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 71.000%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 37701      | 27.162    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 108.640%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 36028      | 89.106    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 178.220%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 96129      | 37.410    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 149.640%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 44953      | 22.573    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.280%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.028          | 43   | 7978m      | 21.450    | ug/L   |          |
| 16) Methylene chloride        | 4.804          | 84   | 13261      | 2.864     | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.810         | 164  | 1643       | 0.615     | ug/L # | 80       |
| -----                         |                |      |            |           |        |          |

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

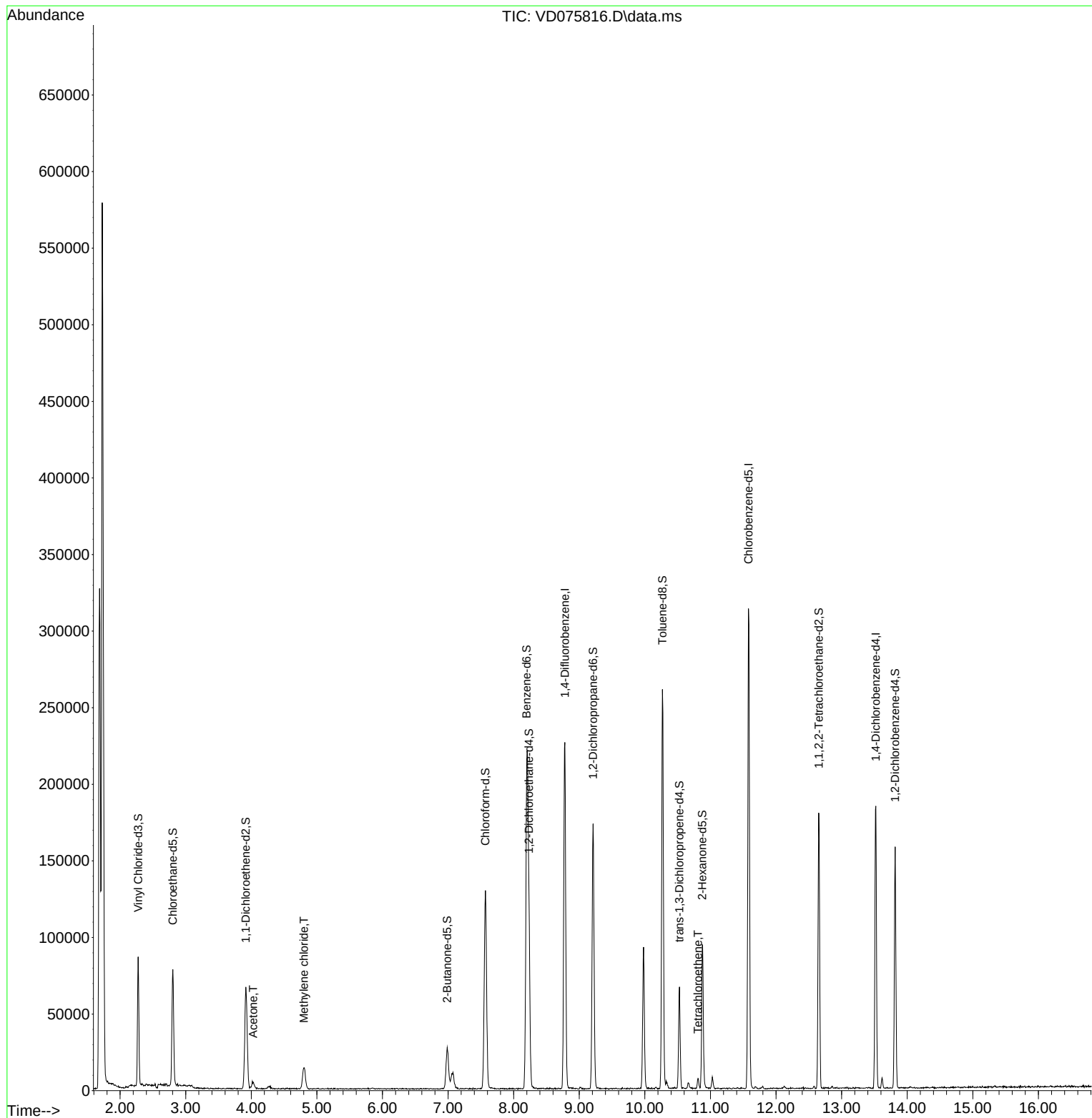
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042523\  
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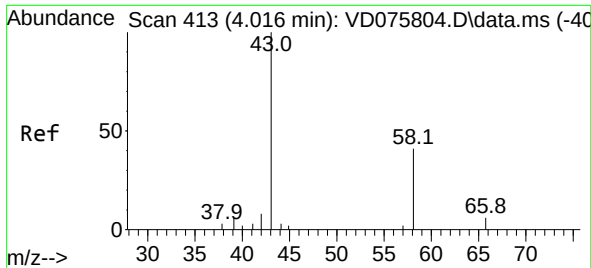
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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
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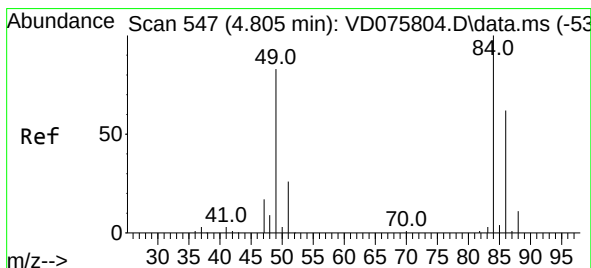
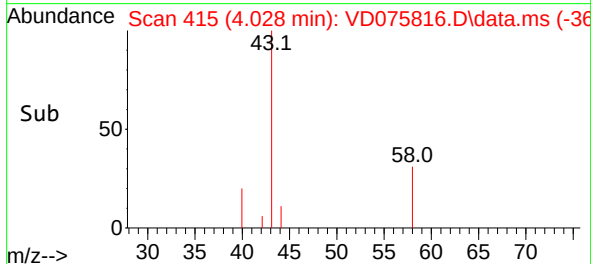
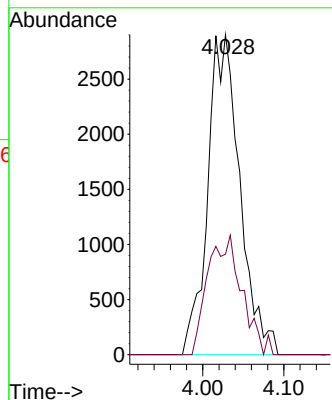
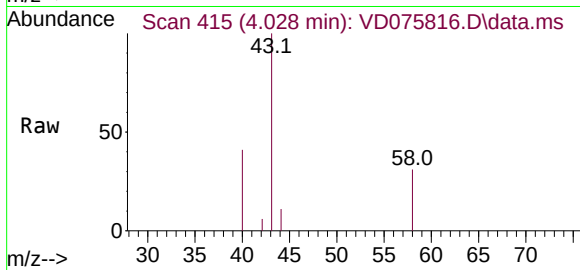
#13  
Acetone  
Concen: 21.450 ug/L m  
RT: 4.028 min Scan# 413  
Delta R.T. 0.011 min  
Lab File: VD075816.D  
Acq: 25 Apr 2023 17:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
EW924RE

Tgt Ion: 43 Resp: 7978  
Ion Ratio Lower Upper  
43 100  
58 18.1 0.0 87.4

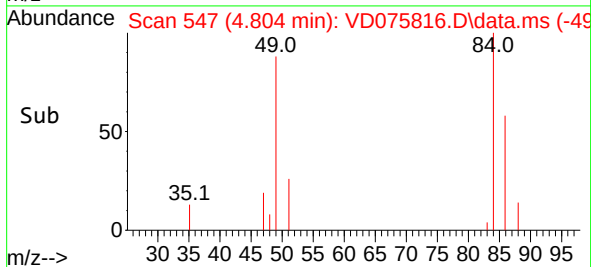
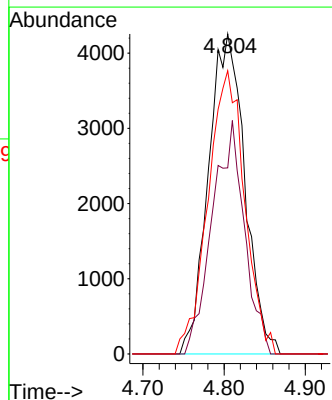
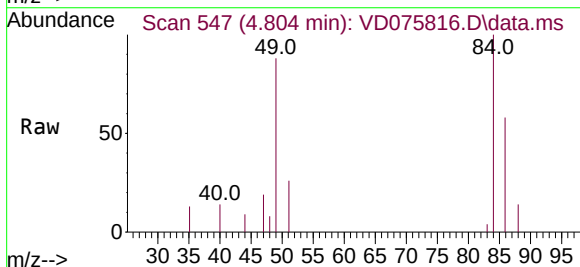
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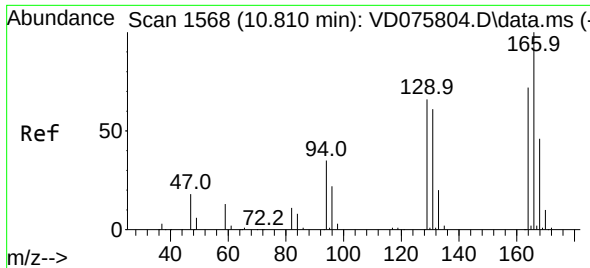
Reviewed By :Krupa Patel 04/26/2023  
Supervised By :Mahesh Dadoda 04/26/2023



#16  
Methylene chloride  
Concen: 2.864 ug/L  
RT: 4.804 min Scan# 547  
Delta R.T. -0.000 min  
Lab File: VD075816.D  
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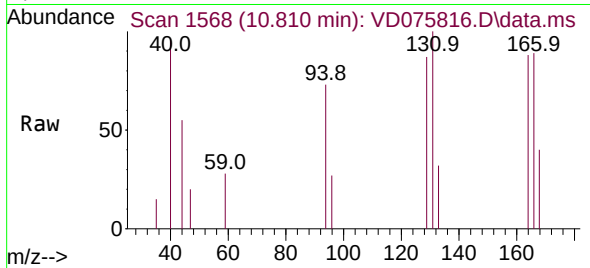
Tgt Ion: 84 Resp: 13261  
Ion Ratio Lower Upper  
84 100  
86 58.1 45.8 85.2  
49 88.5 60.8 112.8





#46  
Tetrachloroethene  
Concen: 0.615 ug/L  
RT: 10.810 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075816.D  
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MSVOA\_D  
ClientSampleId :  
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Tgt Ion:164 Resp: 164  
Ion Ratio Lower Upper  
164 100  
129 99.0 60.3 112.1  
131 113.2 58.9 109.3  
166 100.3 83.0 154.1

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