

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121621\  
 Data File : VU046419.D  
 Acq On : 16 Dec 2021 14:31  
 Operator : SY/MD  
 Sample : M5024-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGL01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/17/2021  
 Supervised By : Mahesh Dadoda 12/17/2021

Quant Time: Dec 17 01:52:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 17 01:49:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 141949              | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 147252              | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 71371               | 50.000 | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 58632               | 50.143 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 100.280% |        |        |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 42137               | 46.935 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 93.860%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 63   | 73855               | 35.184 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 70.360%  |        |        |          |
| 21) 2-Butanone-d5             | 4.633          | 46   | 74848               | 80.522 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 80.520%  |        |        |          |
| 24) Chloroform-d              | 5.067          | 84   | 98156               | 50.267 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 100.540% |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.707          | 65   | 65776               | 50.193 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 100.380% |        |        |          |
| 32) Benzene-d6                | 5.732          | 84   | 194292              | 46.035 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 92.080%  |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 60462               | 46.225 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 92.440%  |        |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 167234              | 43.519 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 87.040%  |        |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 28220               | 44.693 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 89.380%  |        |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 56668               | 91.374 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 91.370%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 86208               | 43.459 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 86.920%  |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 63007               | 45.841 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 91.680%  |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        | Qvalue |          |
| 13) Acetone                   | 2.649          | 43   | 4268                | 3.674  | ug/L   | 91       |
| 16) Methylene chloride        | 3.051          | 84   | 5647m               | 4.836  | ug/L   |          |
| -----                         |                |      |                     |        |        |          |

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

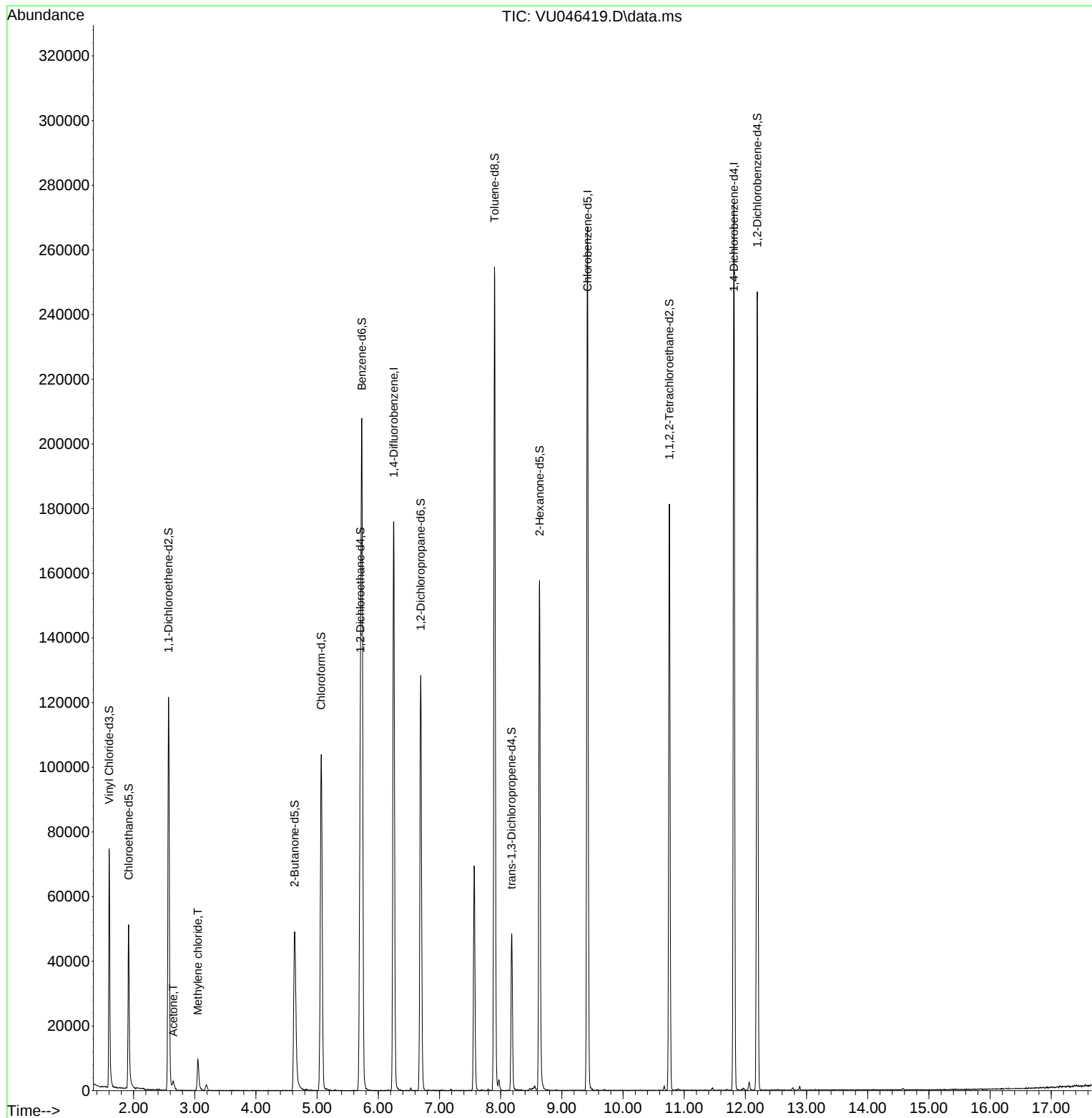
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121621\  
Data File : VU046419.D  
Acq On : 16 Dec 2021 14:31  
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Sample : M5024-03  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

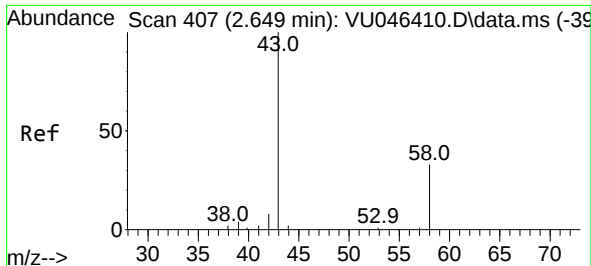
Instrument :  
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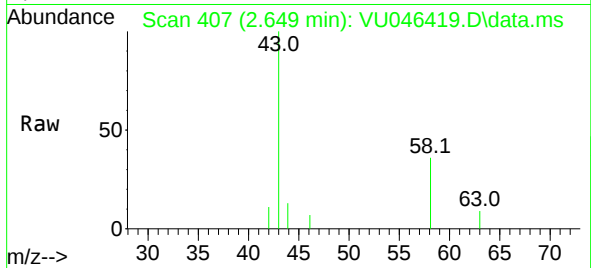
Quant Time: Dec 17 01:52:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 17 01:49:40 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.674 ug/L  
RT: 2.649 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VU046419.D  
Acq: 16 Dec 2021 14:31

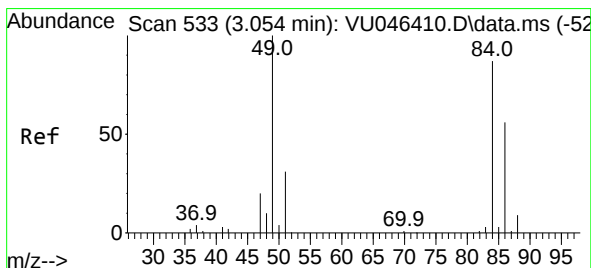
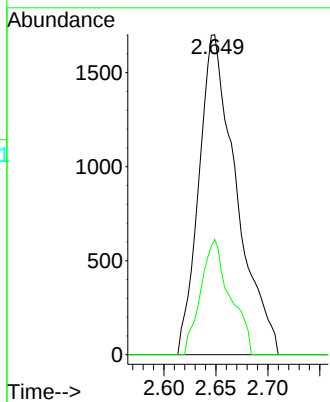
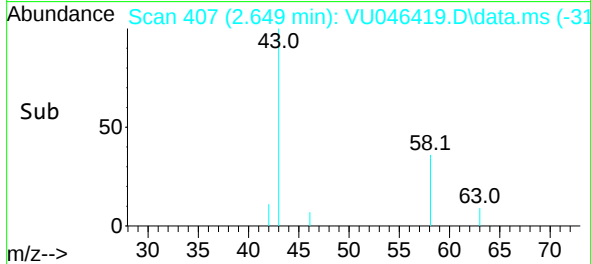
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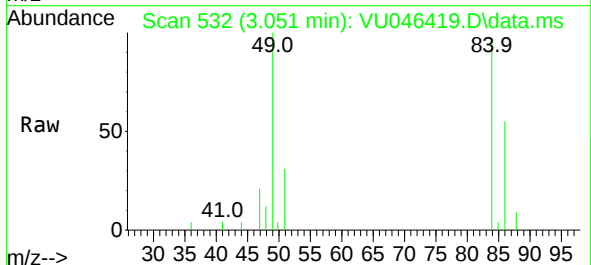
Tgt Ion: 43 Resp: 4268  
Ion Ratio Lower Upper  
43 100  
58 28.3 0.0 66.8

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#16  
Methylene chloride  
Concen: 4.836 ug/L m  
RT: 3.051 min Scan# 532  
Delta R.T. -0.003 min  
Lab File: VU046419.D  
Acq: 16 Dec 2021 14:31



Tgt Ion: 84 Resp: 5647  
Ion Ratio Lower Upper  
84 100  
86 56.3 44.7 83.1  
49 103.2 78.4 145.6

