

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
 Data File : VU047911.D  
 Acq On : 11 Apr 2022 17:14  
 Operator : SY/MD  
 Sample : N2316-17  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNR5

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/14/2022  
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:04:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 12 01:57:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 380169     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 400624     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 202878     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 102419     | 37.151   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 74.300%  |        |          |
| 7) Chloroethane-d5            | 1.916          | 69   | 94148      | 43.311   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 86.620%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568          | 63   | 135215     | 26.808   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 53.620%# |        |          |
| 21) 2-Butanone-d5             | 4.629          | 46   | 192591     | 81.390   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 81.390%  |        |          |
| 24) Chloroform-d              | 5.067          | 84   | 202753     | 40.194   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.380%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 131852     | 42.618   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.240%  |        |          |
| 32) Benzene-d6                | 5.729          | 84   | 399027     | 39.583   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 131121     | 42.353   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.700%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 352792     | 35.920   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 71.840%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 55683      | 35.502   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.000%  |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 138119     | 76.210   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 76.210%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 208246     | 39.195   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 78.380%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 153981     | 42.661   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.320%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.642          | 43   | 16956      | 7.700    | ug/L   | 98       |
| 22) 2-Butanone                | 4.716          | 43   | 7958m      | 2.805    | ug/L   |          |
| -----                         |                |      |            |          |        |          |

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

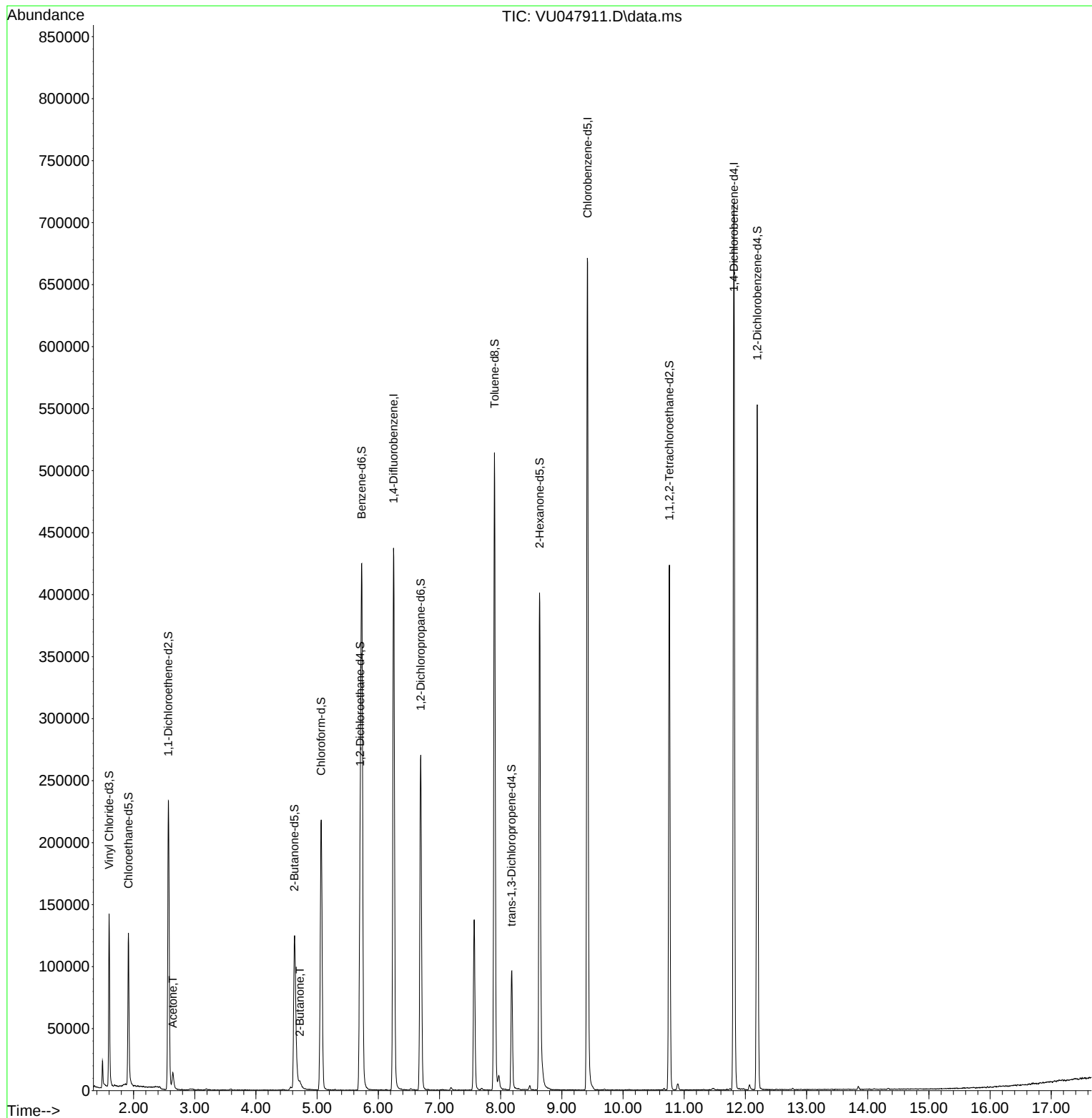
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
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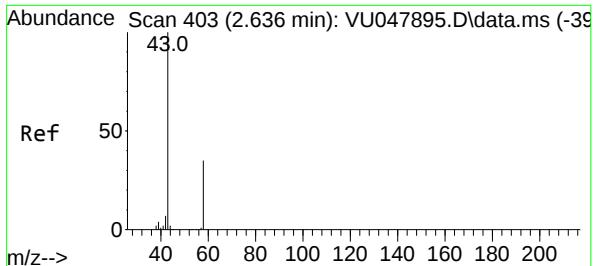
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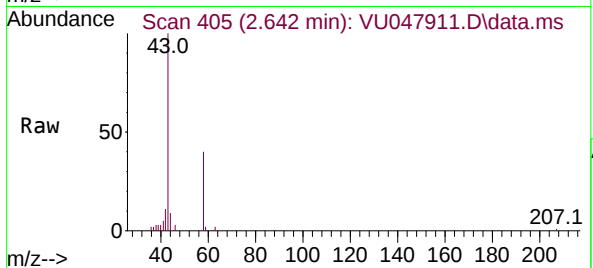
Reviewed By : John Carlone 04/14/2022  
Supervised By : Mahesh Dadoda 04/14/2022





#13  
Acetone  
Concen: 7.700 ug/L  
RT: 2.642 min Scan# 403  
Delta R.T. 0.006 min  
Lab File: VU047911.D  
Acq: 11 Apr 2022 17:14

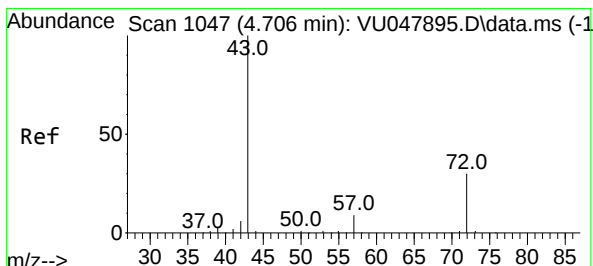
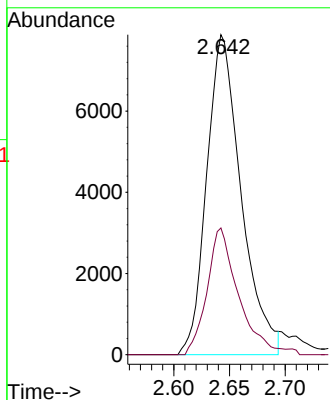
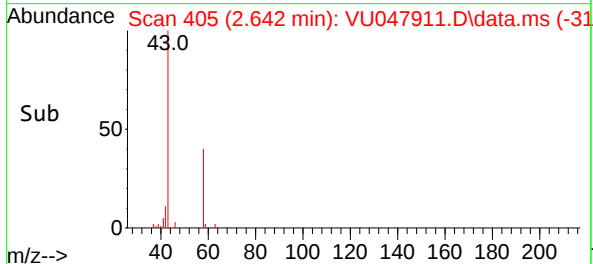
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Tgt Ion: 43 Resp: 16950  
Ion Ratio Lower Upper  
43 100  
58 35.9 0.0 70.0

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#22  
2-Butanone  
Concen: 2.805 ug/L m  
RT: 4.716 min Scan# 1050  
Delta R.T. 0.010 min  
Lab File: VU047911.D  
Acq: 11 Apr 2022 17:14

Tgt Ion: 43 Resp: 7958  
Ion Ratio Lower Upper  
43 100  
72 17.6 16.0 47.9

