

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010824\  
 Data File : VU057389.D  
 Acq On : 08 Jan 2024 17:55  
 Operator : MD/SY  
 Sample : 05787-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCME6

Quant Time: Jan 09 05:05:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 09 00:42:22 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2024  
 Supervised By :Mahesh Dadoda 01/09/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 256578     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415          | 117  | 253691     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 105794     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599          | 65   | 80563      | 45.620   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.240%  |        |          |
| 7) Chloroethane-d5            | 1.914          | 69   | 63038      | 46.128   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.260%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.560          | 63   | 129132     | 34.499   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.000%  |        |          |
| 21) 2-Butanone-d5             | 4.634          | 46   | 90498      | 105.759  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 105.760% |        |          |
| 24) Chloroform-d              | 5.055          | 84   | 184620     | 44.210   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.420%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 129989     | 47.119   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.240%  |        |          |
| 32) Benzene-d6                | 5.721          | 84   | 332167     | 48.777   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 91877      | 47.802   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.600%  |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 296095     | 46.398   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.800%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 54318      | 47.347   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 94.700%  |        |          |
| 47) 2-Hexanone-d5             | 8.643          | 63   | 67057      | 106.723  | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 106.720% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 134979     | 46.993   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.980%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 106070     | 51.262   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.520% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.647          | 43   | 13145m     | 12.615   | ug/L   |          |
| 20) cis-1,2-Dichloroethene    | 4.666          | 96   | 5777       | 3.036    | ug/L   | 88       |
| 34) Trichloroethene           | 6.541          | 95   | 4328       | 2.079    | ug/L   | 90       |
| 46) Tetrachloroethene         | 8.547          | 164  | 188448     | 119.685  | ug/L   | 99       |
| -----                         |                |      |            |          |        |          |

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

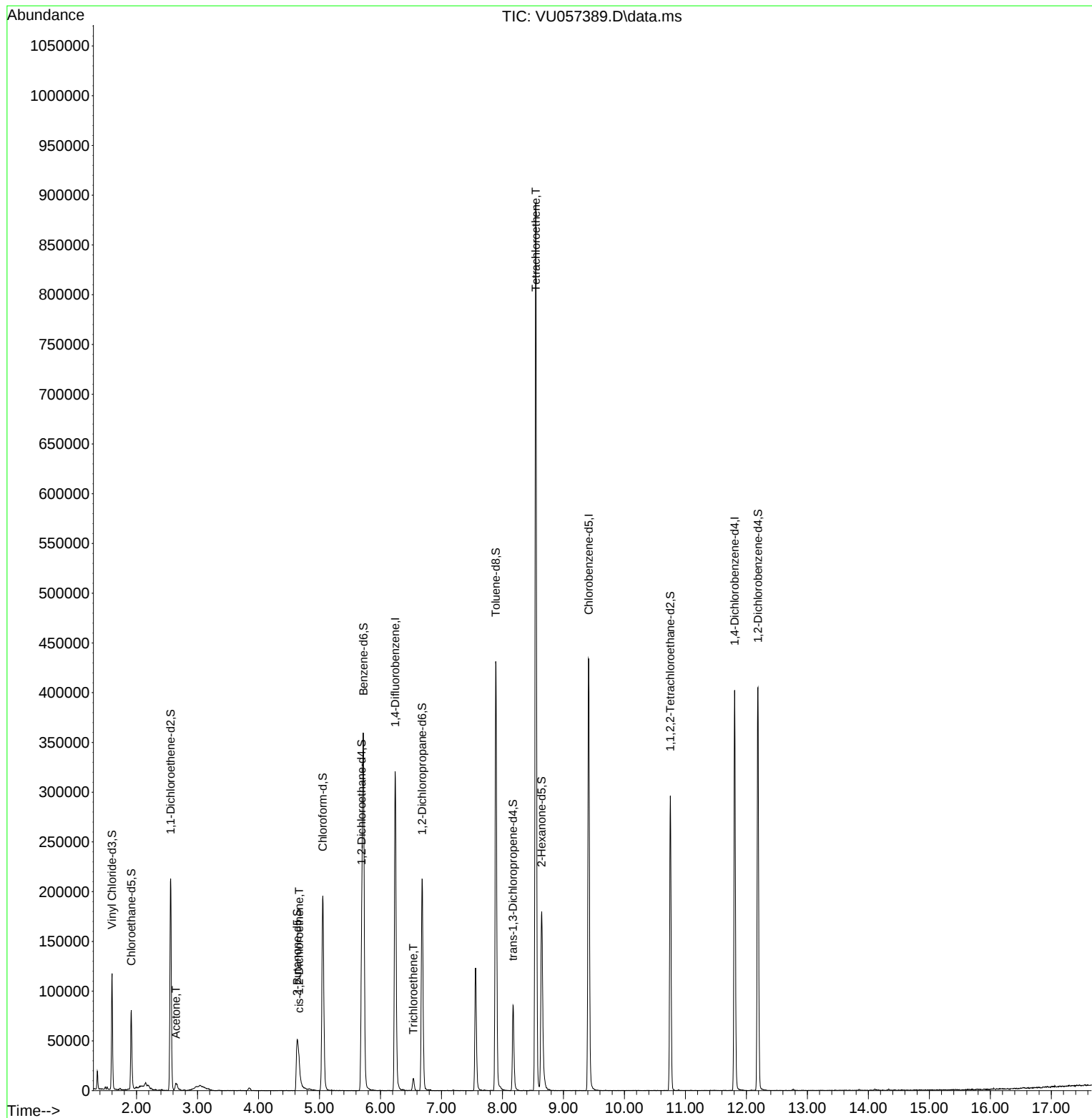
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010824\  
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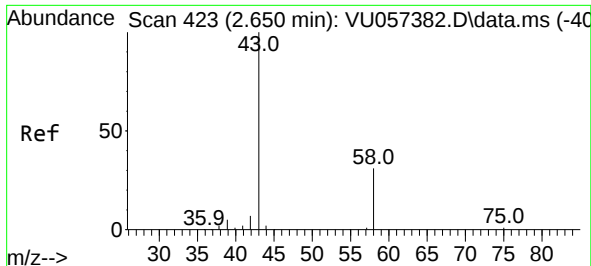
Instrument :  
MSVOA\_U  
ClientSampleId :  
DCME6

Quant Time: Jan 09 05:05:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
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#13

Acetone

Concen: 12.615 ug/L m

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057389.D

Acq: 08 Jan 2024 17:55

Instrument :

MSVOA\_U

ClientSampleId :

DCME6

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

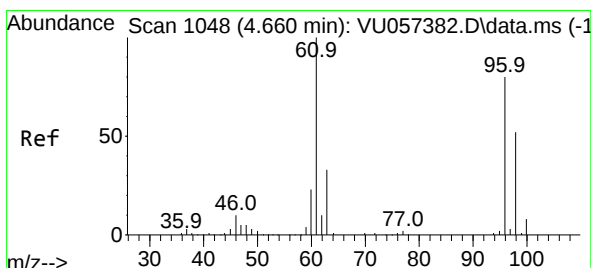
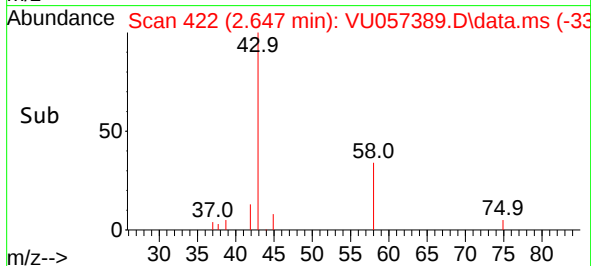
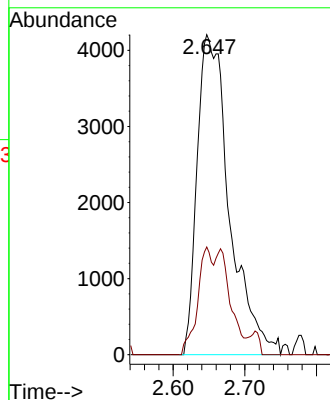
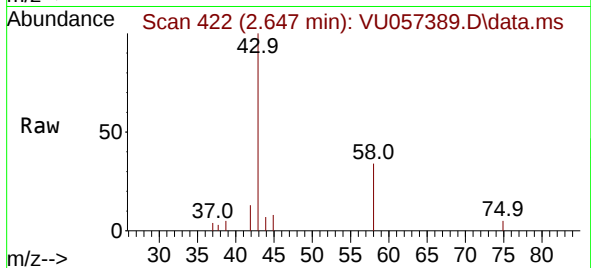
58 16.1 0.0 65.2

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 3.036 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU057389.D

Acq: 08 Jan 2024 17:55

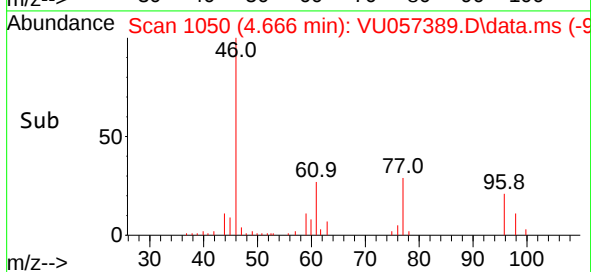
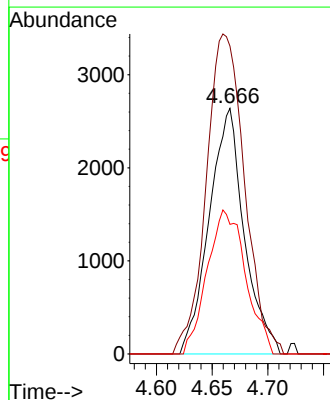
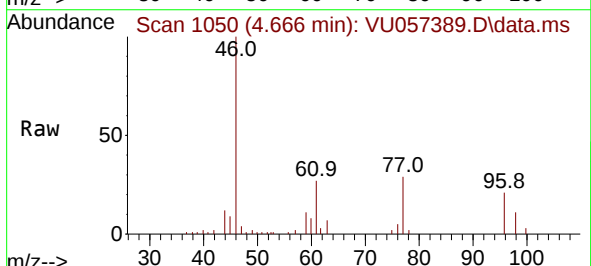
Tgt Ion: 96 Resp: 5777

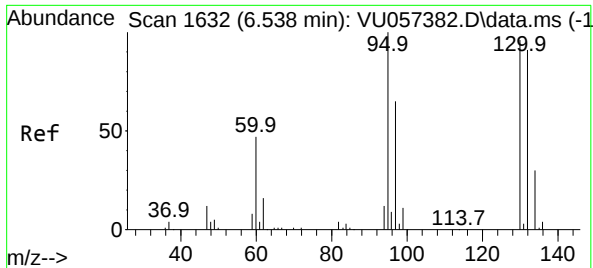
Ion Ratio Lower Upper

96 100

61 138.9 88.0 163.4

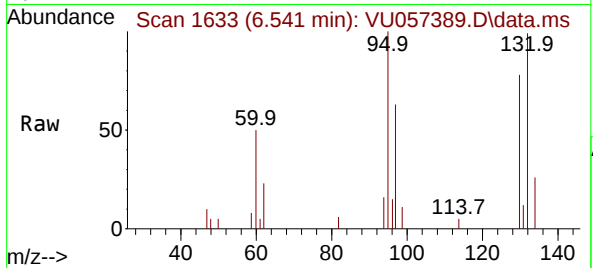
98 52.8 43.4 80.6





#34  
Trichloroethene  
Concen: 2.079 ug/L  
RT: 6.541 min Scan# 1633  
Delta R.T. 0.003 min  
Lab File: VU057389.D  
Acq: 08 Jan 2024 17:55

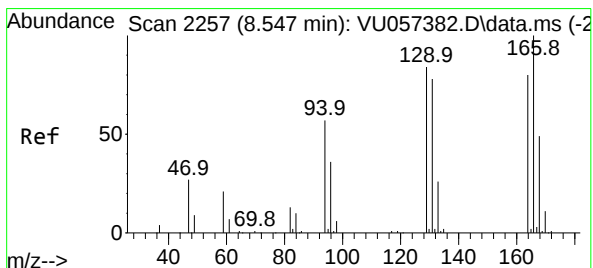
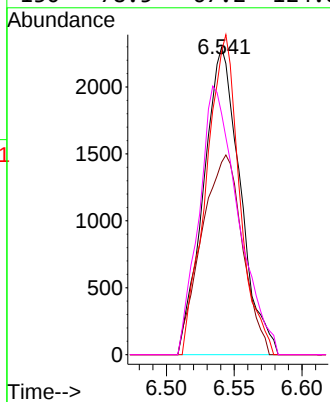
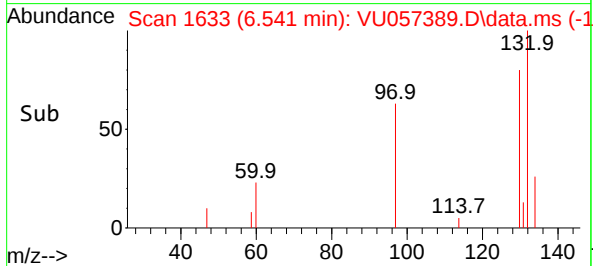
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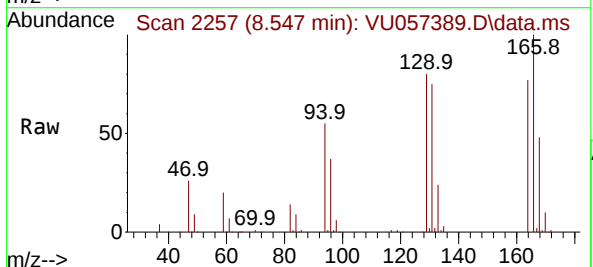
Tgt Ion: 95 Resp: 4328  
Ion Ratio Lower Upper  
95 100  
97 62.6 46.2 85.8  
132 98.7 64.3 119.5  
130 78.5 67.2 124.8

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#46  
Tetrachloroethene  
Concen: 119.685 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU057389.D  
Acq: 08 Jan 2024 17:55



Tgt Ion:164 Resp: 188448  
Ion Ratio Lower Upper  
164 100  
129 103.5 72.3 134.3  
131 97.5 68.8 127.8  
166 129.5 91.8 170.4

