

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091724\  
 Data File : VU060834.D  
 Acq On : 17 Sep 2024 15:42  
 Operator : MD/SY  
 Sample : P3973-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AT2

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024  
 Supervised By :Semsettin Yesilyurt 09/18/2024

Quant Time: Sep 18 01:18:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 18 01:15:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 142593   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 152437   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 60145    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 51268    | 3.997  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 80.000%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 40213    | 4.404  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 21547    | 4.740  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 94.800%  |          |
| 20) 2-Butanone-d5             | 4.637  | 46             | 98085    | 47.639 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 95.280%  |          |
| 24) Chloroform-d              | 5.052  | 84             | 89717    | 4.576  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 45079    | 4.810  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.200%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 179738   | 4.399  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 58389    | 4.619  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 92.400%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 149410   | 4.011  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 19978    | 4.390  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.800%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 77757    | 43.320 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 86.640%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 45774    | 4.622  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 52557    | 5.200  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.000% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.669  | 43             | 10051m   | 7.317  | ug/L     |          |
| 14) Carbon disulfide          | 2.788  | 76             | 15019    | 0.604  | ug/L     | 99       |
| 16) Methylene chloride        | 3.039  | 84             | 2584     | 0.249  | ug/L     | 84       |
| -----                         |        |                |          |        |          |          |

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

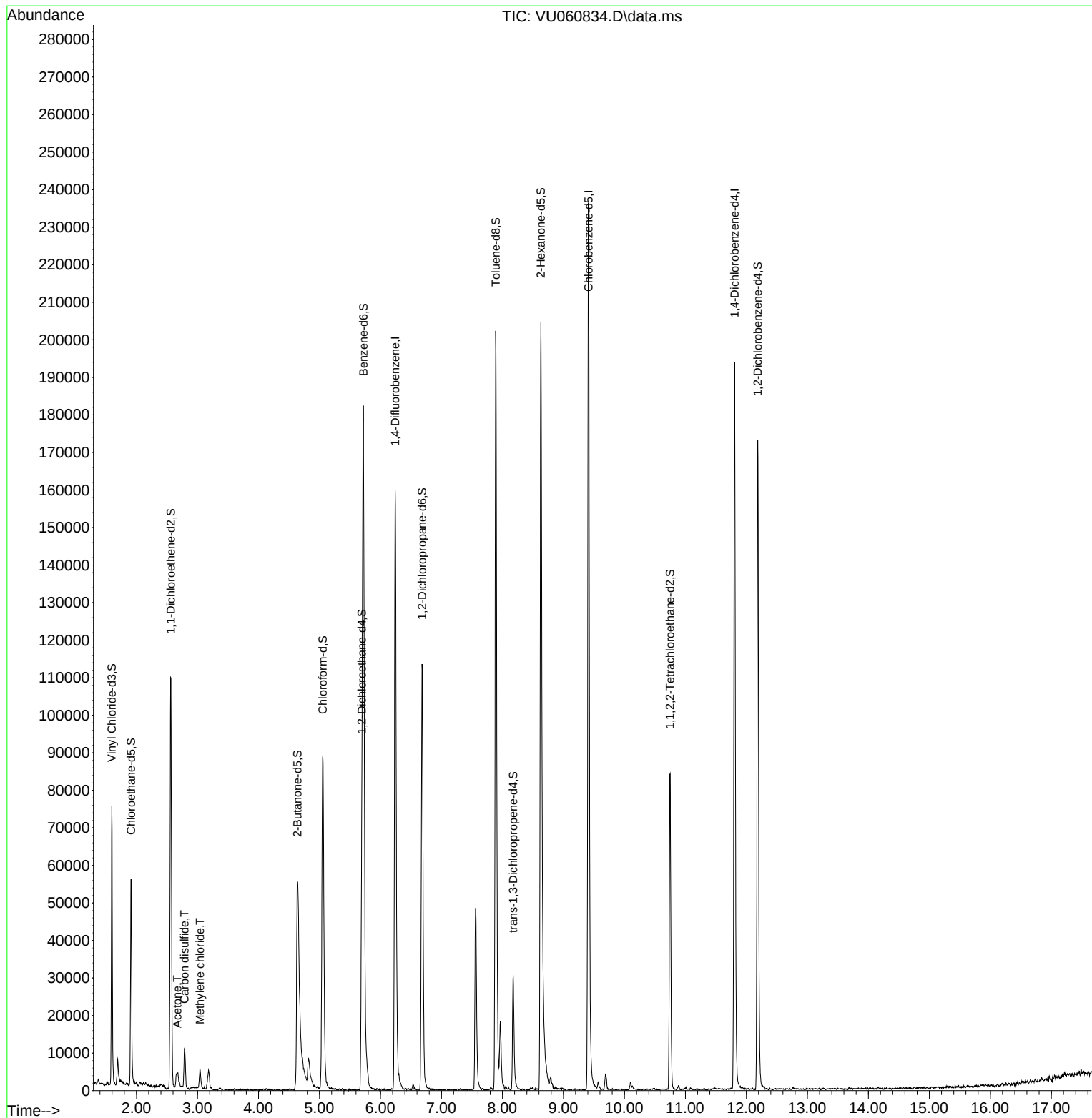
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091724\  
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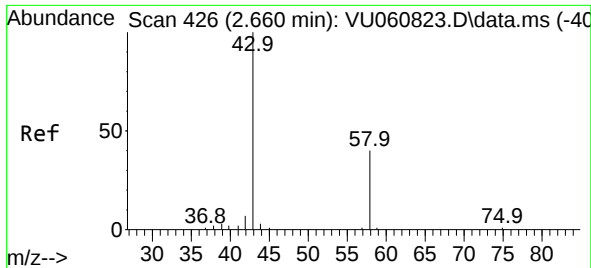
Instrument :  
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ClientSampleId :  
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Quant Time: Sep 18 01:18:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
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#13

Acetone

Concen: 7.317 ug/L m

RT: 2.669 min Scan# 41

Delta R.T. 0.010 min

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Instrument :

MSVOA\_U

ClientSampleId :

C0AT2

Tgt Ion: 43 Resp: 1005

Ion Ratio Lower Upper

43 100

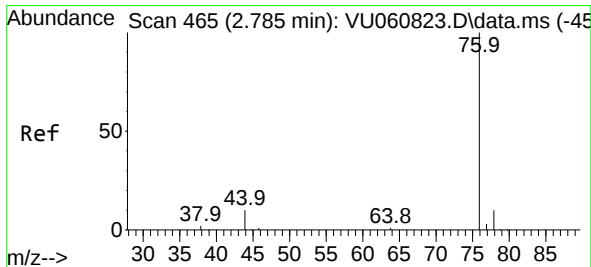
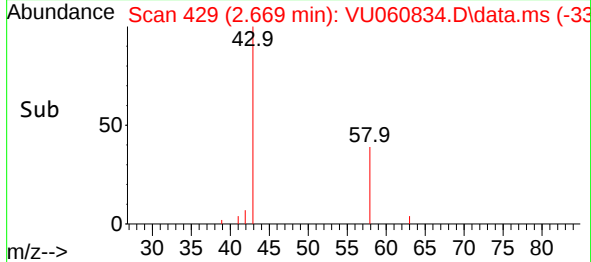
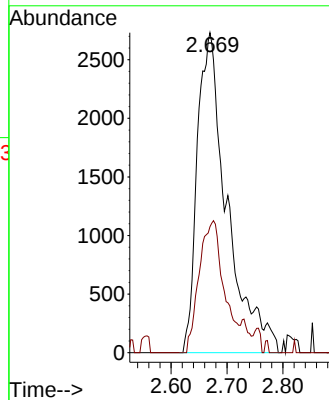
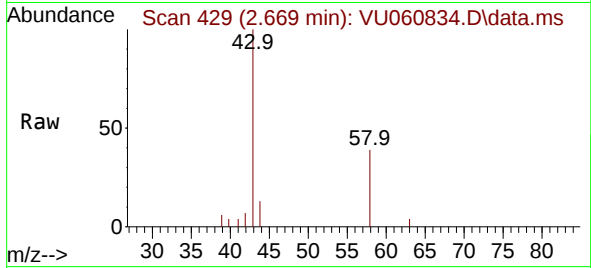
58 34.4 0.0 69.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.604 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060834.D

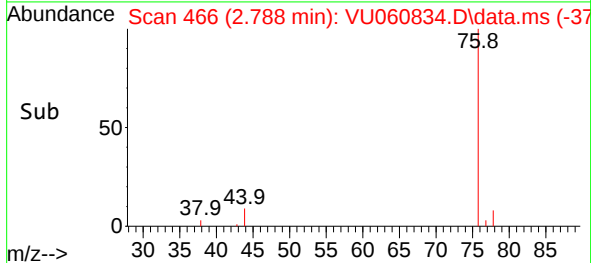
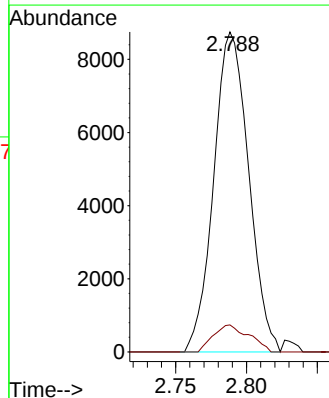
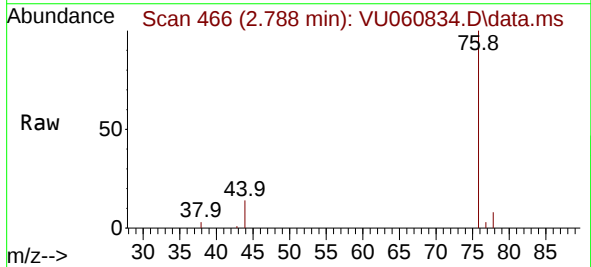
Acq: 17 Sep 2024 15:42

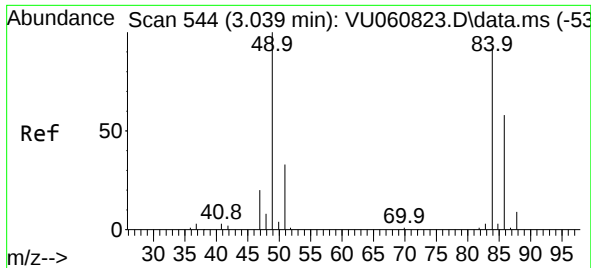
Tgt Ion: 76 Resp: 15019

Ion Ratio Lower Upper

76 100

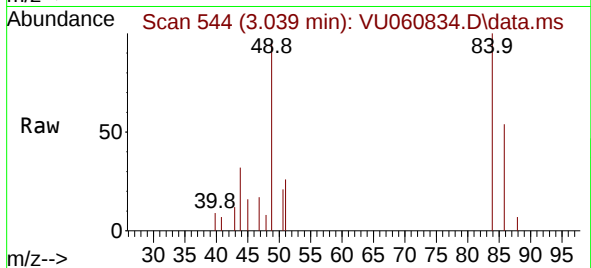
78 8.4 7.1 10.7





#16  
Methylene chloride  
Concen: 0.249 ug/L  
RT: 3.039 min Scan# 54  
Delta R.T. -0.000 min  
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Tgt Ion: 84 Resp: 2584  
Ion Ratio Lower Upper  
84 100  
86 54.2 47.3 87.8  
49 95.5 78.7 146.1

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