

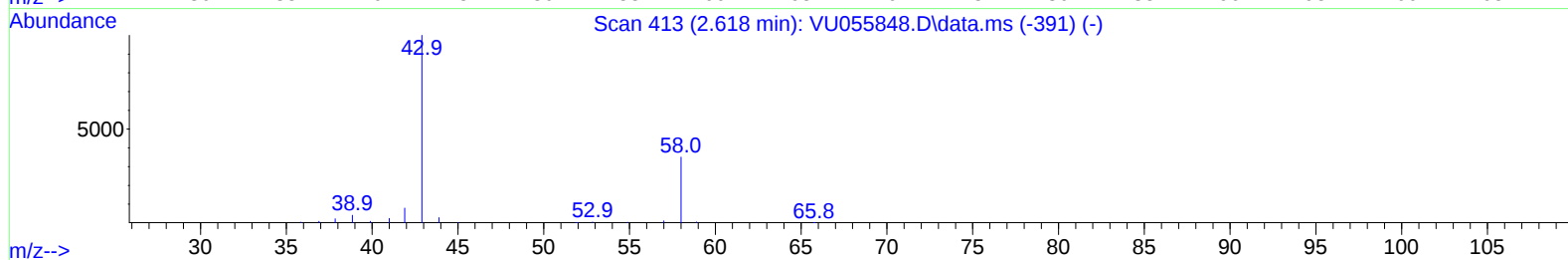
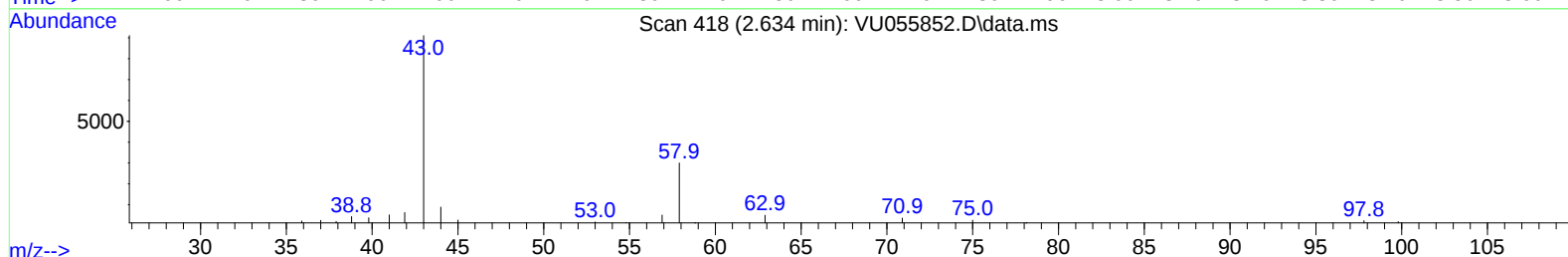
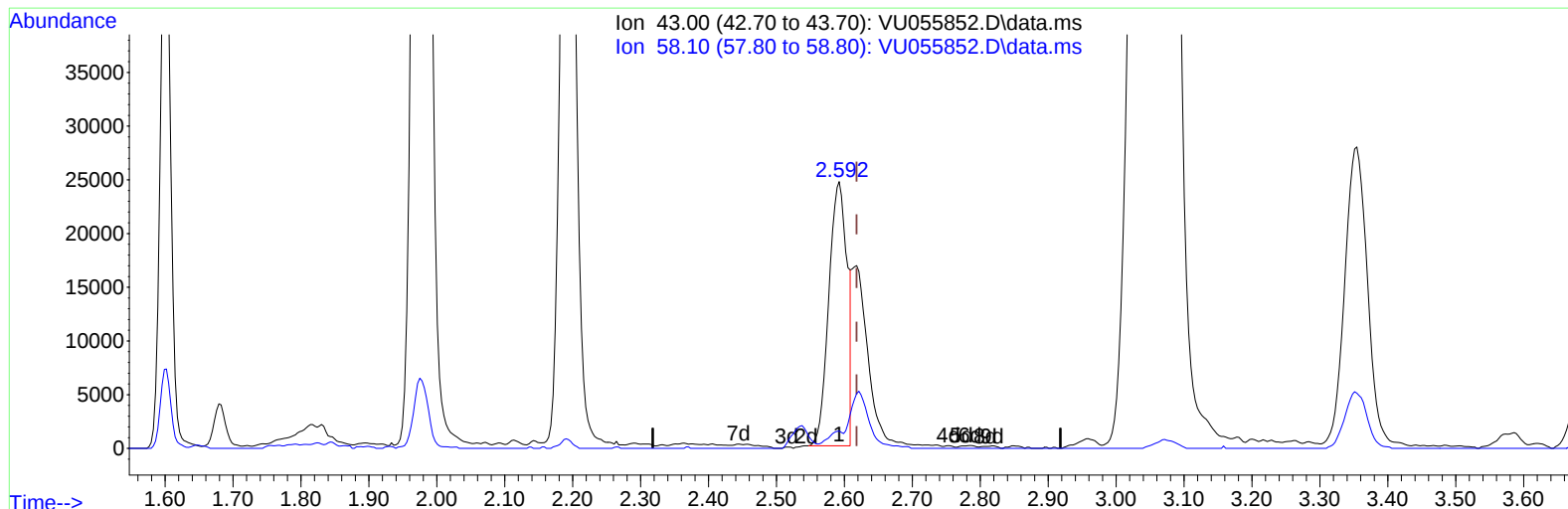
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102323\  
 Data File : VU055852.D  
 Acq On : 23 Oct 2023 13:51  
 Operator : MD/SY  
 Sample : 04947-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E45J5

Manual IntegrationsAPPROVED

Quant Time: Oct 23 23:18:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 23 01:04:15 2023  
 Response via : Initial Calibration

Reviewed By :John Carlone 10/24/2023  
 Supervised By :Mahesh Dadoda 10/26/2023



TIC: VU055852.D\data.ms

(13) Acetone (T)

2.592min (-0.026) 15.71 ug/L

response 46325

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.10 | 33.70  | 5.66   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

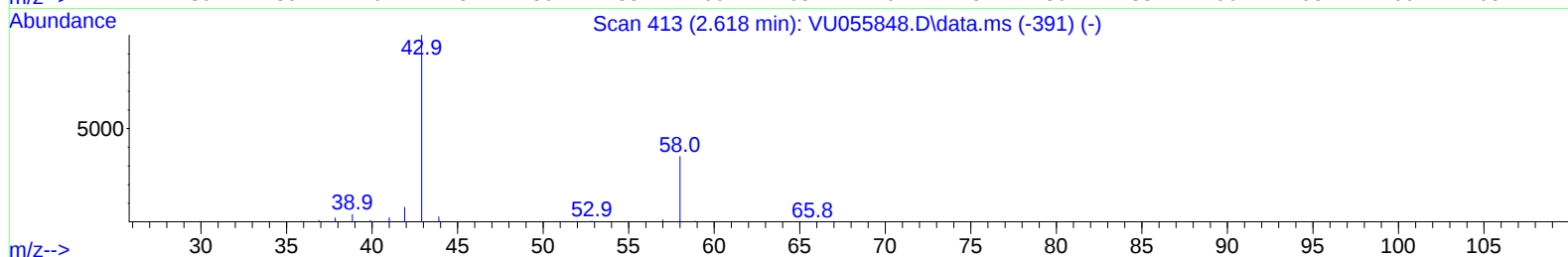
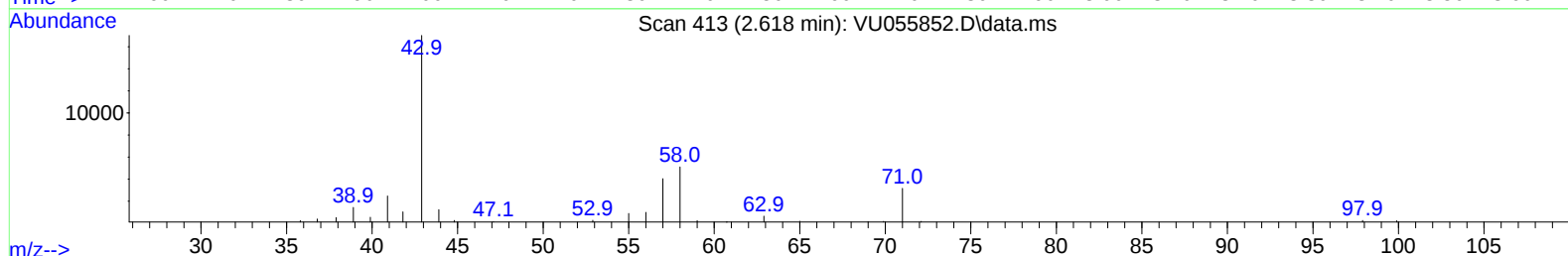
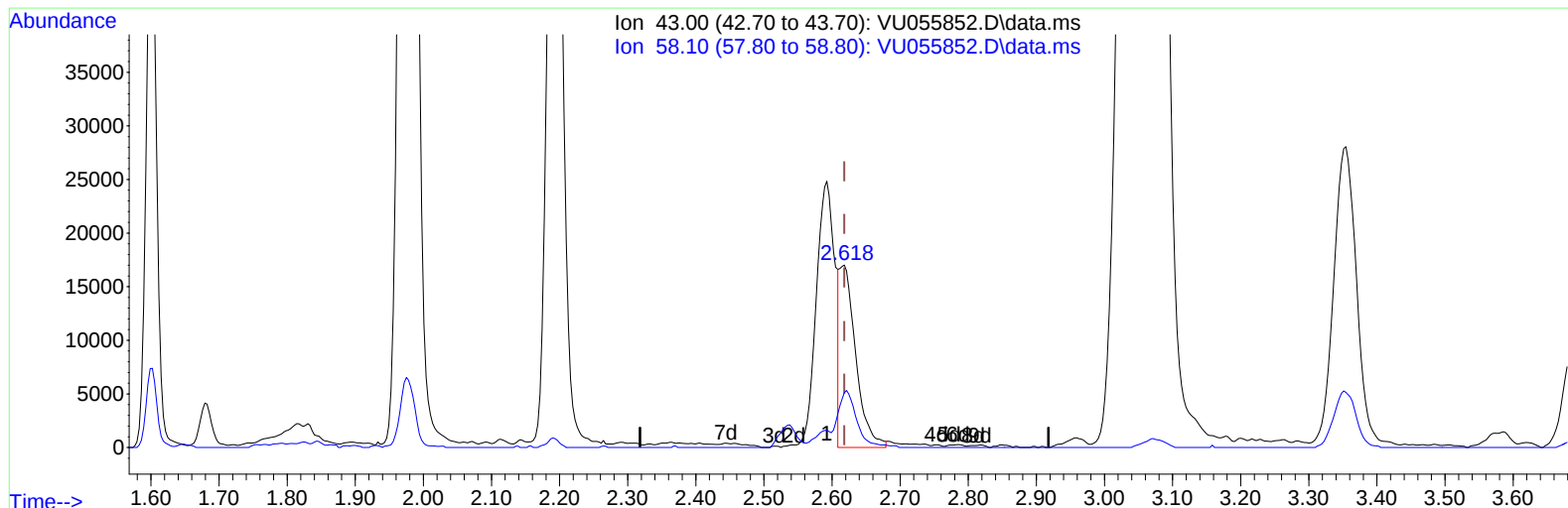
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TIC: VU055852.D\data.ms

(13) Acetone (T)

2.618min (+ 0.000) 9.57 ug/L m

response 28225

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.10 | 33.70  | 9.29   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245   | 114   | 478052   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415   | 117   | 477803   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807  | 152   | 257638   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599   | 65    | 156401   | 36.474   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 72.940%  |
| 7) Chloroethane-d5            | 1.891   | 69    | 145250   | 41.440   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 82.880%  |
| 11) 1,1-Dichloroethene-d2     | 2.560   | 63    | 238793   | 31.233   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 62.460%  |
| 21) 2-Butanone-d5             | 4.615   | 46    | 256862   | 80.843   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 80.840%  |
| 24) Chloroform-d              | 5.055   | 84    | 370988   | 45.130   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.260%  |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65    | 240844   | 47.600   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.200%  |
| 32) Benzene-d6                | 5.721   | 84    | 730699   | 47.797   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67    | 232982   | 48.139   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.280%  |
| 41) Toluene-d8                | 7.894   | 98    | 640281   | 46.383   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.760%  |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79    | 105582   | 45.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.820%  |
| 47) 2-Hexanone-d5             | 8.631   | 63    | 134040   | 70.450   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 70.450%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84    | 385577   | 51.759   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 103.520% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 278264   | 54.426   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.860% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.618   | 43    | 28225m   | 9.573    | ug/L   |          |
| 22) 2-Butanone                | 4.714   | 43    | 15689    | 4.415    | ug/L   | 92       |
| 29) Cyclohexane               | 5.383   | 56    | 251257   | 45.878   | ug/L   | 96       |
| 33) Benzene                   | 5.772   | 78    | 23429    | 1.551    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.756   | 83    | 306798   | 51.167   | ug/L   | 91       |
| 61) Isopropylbenzene          | 10.483  | 105   | 76847    | 4.785    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

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

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