

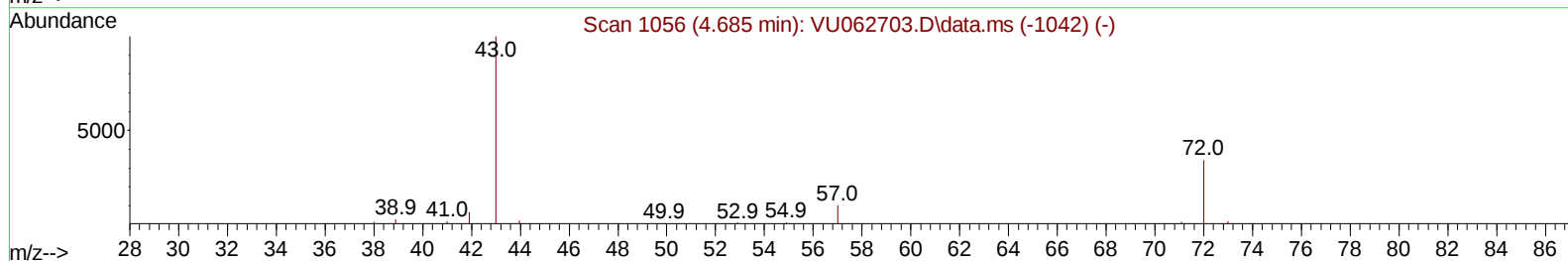
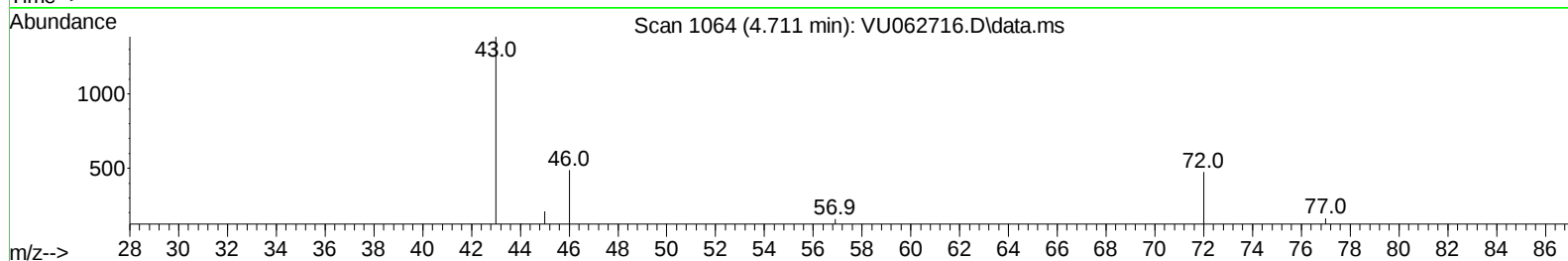
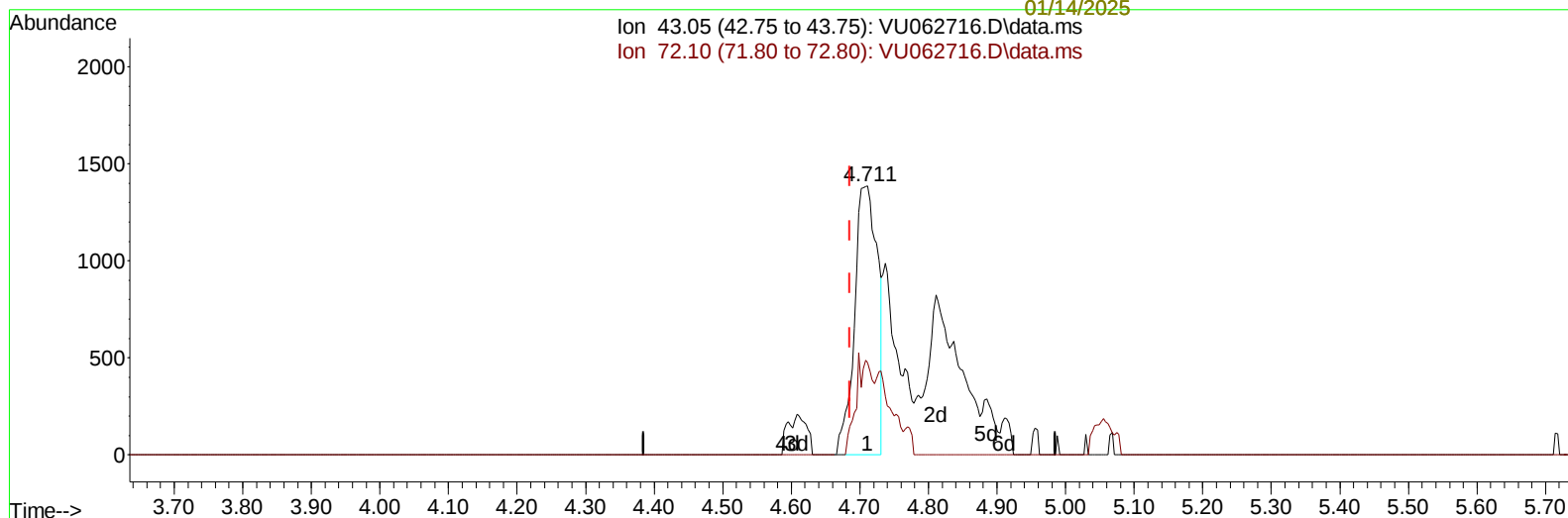
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011325\  
Data File : VU062716.D  
Acq On : 13 Jan 2025 14:44  
Operator : MD/SY  
Sample : Q1059-20  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHSM2

## Manual IntegrationsAPPROVED

Reviewed By :John  
Carlone  
01/14/2025  
Supervised By :Mahesh  
Dadoda  
01/14/2025

Quant Time: Jan 13 19:02:48 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jan 13 18:58:58 2025  
Response via : Initial Calibration



TIC: VU062716.D\data.ms

## (21) 2-Butanone (T)

4.711min (+ 0.026) 3.14 ug/L

response 3205

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 34.10  | 26.18  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

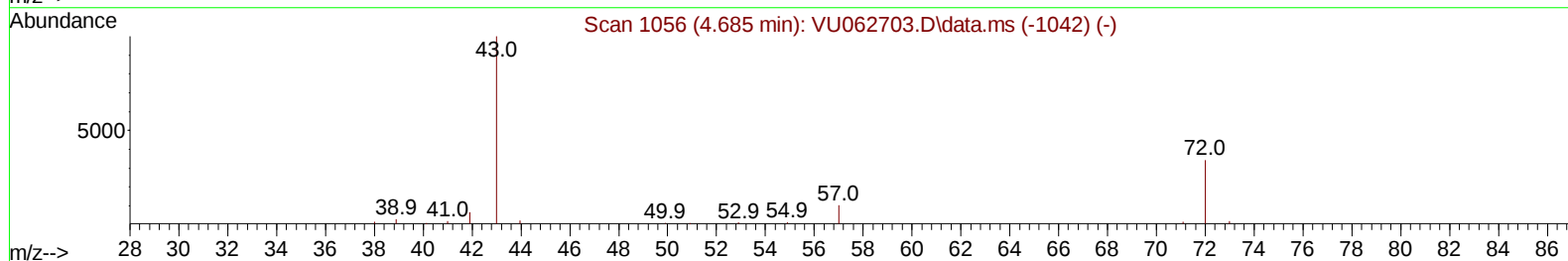
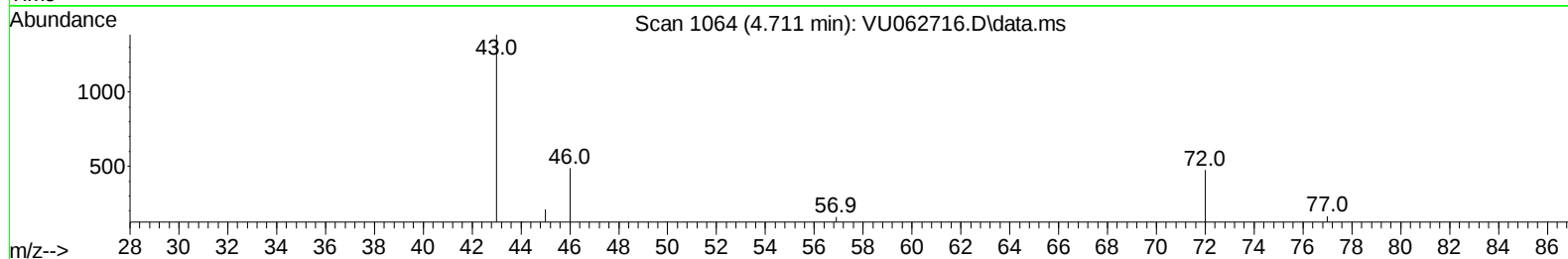
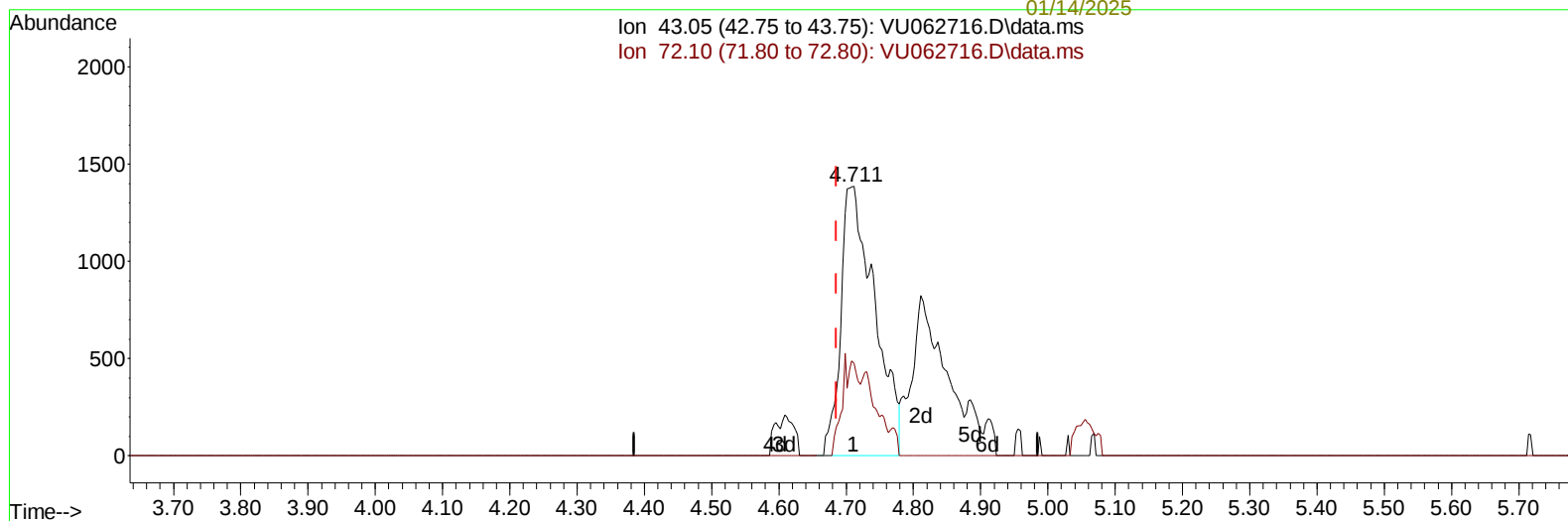
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TIC: VU062716.D\data.ms

## (21) 2-Butanone (T)

4.711min (+ 0.026) 4.74 ug/L m

response 4830

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 34.10  | 17.37  |
| 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        | 6.239          | 114  | 85405      | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409          | 117  | 80258      | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804         | 152  | 38558      | 5.000    | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596          | 65   | 19518      | 4.126    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 82.600%  |       |          |
| 7) Chloroethane-d5            | 1.901          | 69   | 17395      | 4.572    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 91.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.557          | 65   | 10895      | 4.446    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 89.000%  |       |          |
| 20) 2-Butanone-d5             | 4.608          | 46   | 54730      | 56.613   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 113.220% |       |          |
| 24) Chloroform-d              | 5.049          | 84   | 59530      | 5.115    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 102.400% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.689          | 65   | 33775      | 5.351    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 107.000% |       |          |
| 32) Benzene-d6                | 5.718          | 84   | 100142     | 5.104    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 102.000% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.679          | 67   | 28363      | 5.214    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 104.200% |       |          |
| 41) Toluene-d8                | 7.888          | 98   | 90010      | 4.709    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 94.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 11945      | 4.405    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 88.200%  |       |          |
| 46) 2-Hexanone-d5             | 8.621          | 63   | 44918      | 52.673   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 105.340% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746         | 84   | 25322      | 5.559    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 111.200% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.184         | 152  | 35100      | 5.472    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 109.400% |       |          |
| Target Compounds              |                |      |            |          |       |          |
|                               |                |      |            |          |       | Qvalue   |
| 13) Acetone                   | 2.615          | 43   | 9427       | 12.310   | ug/L  | 95       |
| 21) 2-Butanone                | 4.711          | 43   | 4830m      | 4.736    | ug/L  |          |
| 42) Toluene                   | 7.962          | 91   | 16395      | 0.649    | ug/L  | 88       |
| -----                         |                |      |            |          |       |          |

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

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