

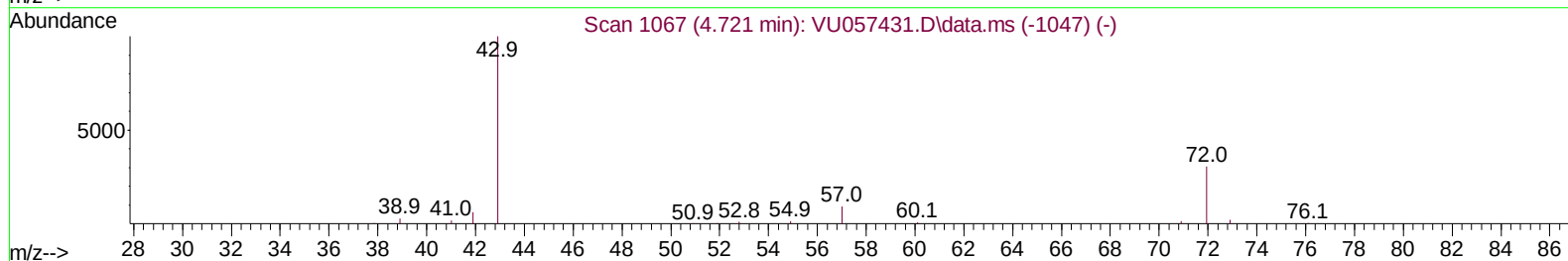
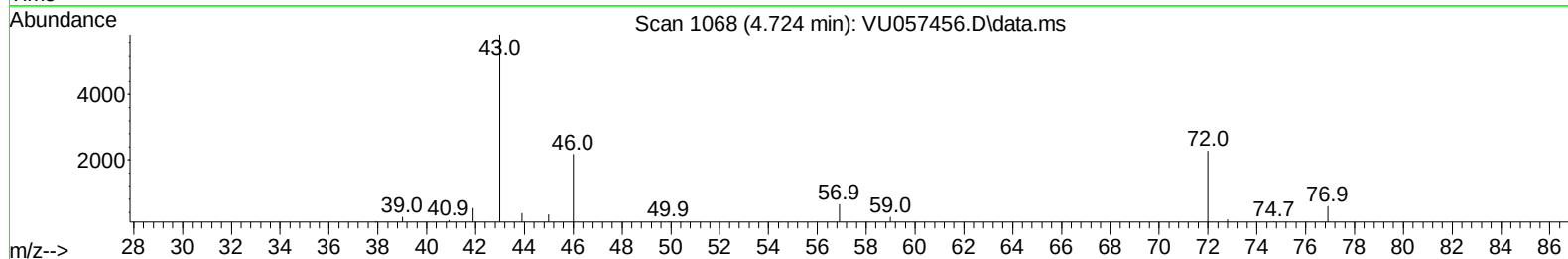
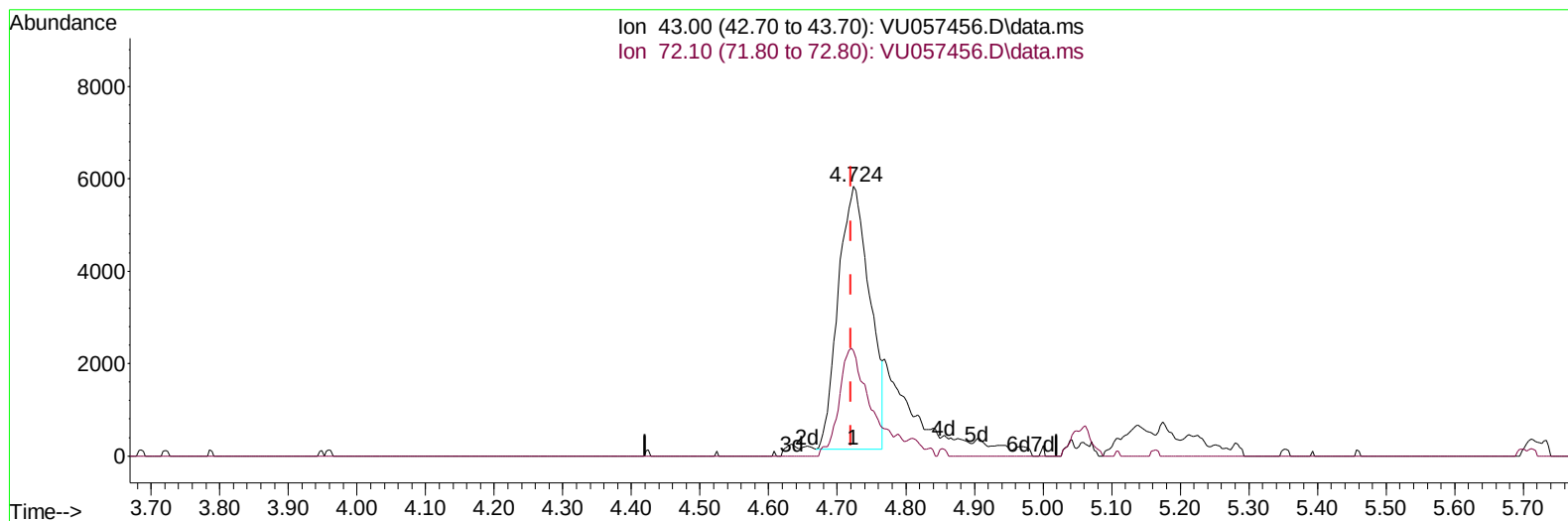
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010924\  
Data File : VU057456.D  
Acq On : 09 Jan 2024 21:50  
Operator : MD/SY  
Sample : P1059-01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YCH91

Manual IntegrationsAPPROVED

Quant Time: Jan 10 00:40:54 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 10 00:35:16 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/10/2024  
Supervised By :Semsettin Yesilyurt 01/10/2024



TIC: VU057456.D\data.ms

(22) 2-Butanone (T)

4.724min (+ 0.003) 18.06 ug/L

response 18195

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 30.40  | 34.70  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

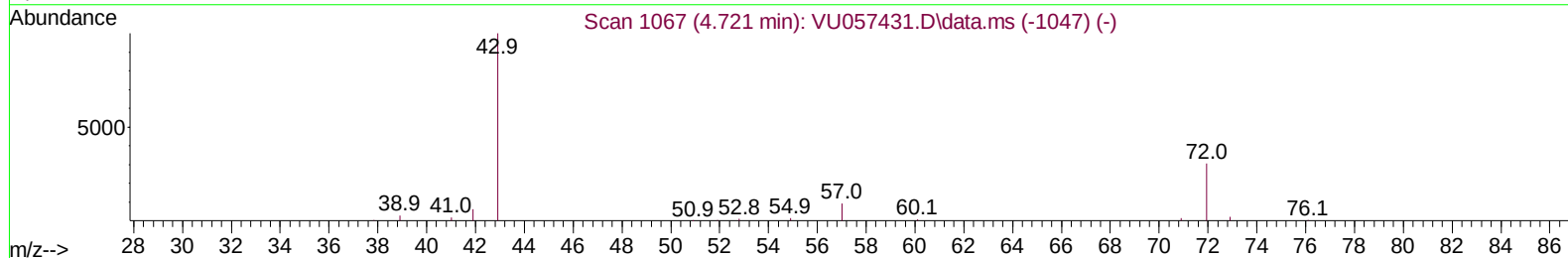
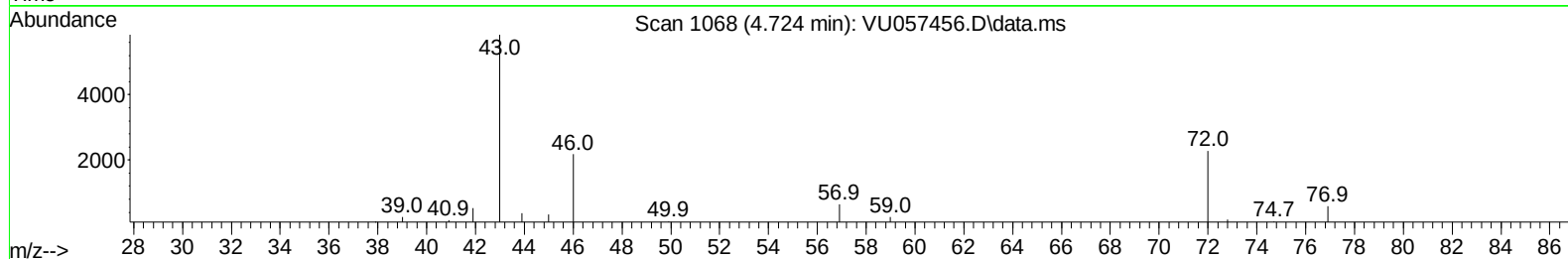
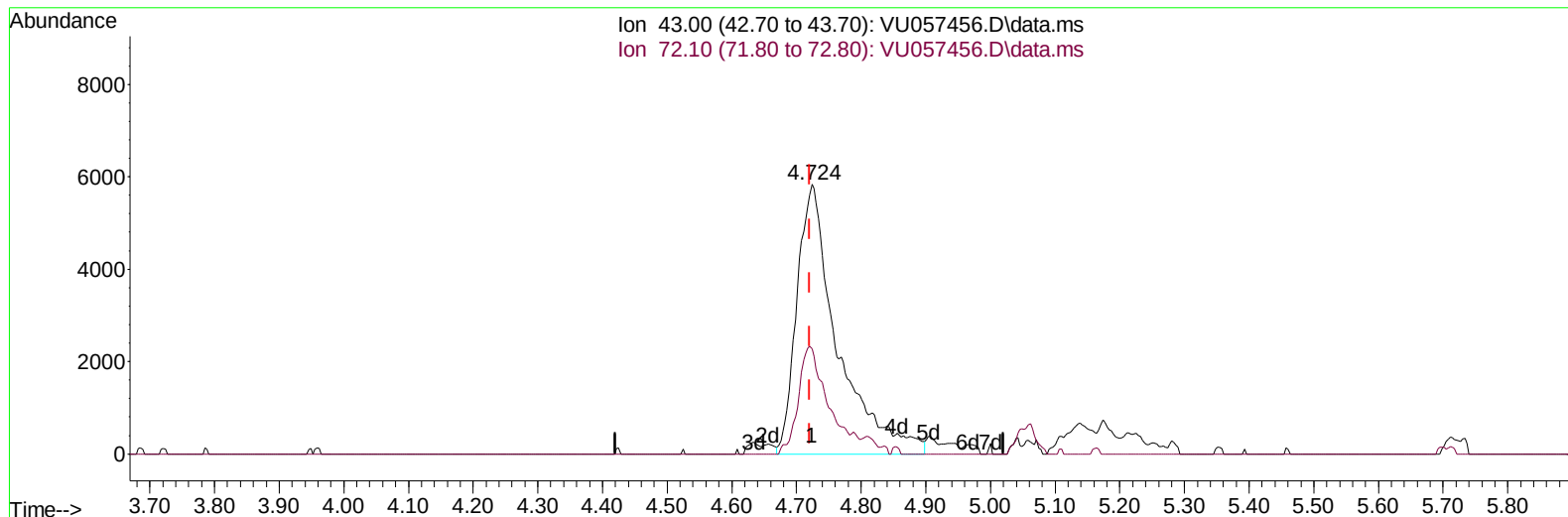
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TIC: VU057456.D\data.ms

(22) 2-Butanone (T)

4.724min (+ 0.003) 25.18 ug/L m

response 25361

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 30.40  | 24.89  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242    | 114   |     | 251734     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415    | 117   |     | 245077     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810   | 152   |     | 116027     | 50.000   | ug/L  | 0.00     |
|                               |          |       |     |            |          |       |          |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.599    | 65    |     | 58951      | 34.025   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 |     | Recovery = | 68.040%  |       |          |
| 7) Chloroethane-d5            | 1.911    | 69    |     | 49455      | 36.885   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 |     | Recovery = | 73.760%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.557    | 63    |     | 105835     | 28.819   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery = | 57.640%# |       |          |
| 21) 2-Butanone-d5             | 4.631    | 46    |     | 85951      | 102.378  | ug/L  | -0.02    |
| Spiked Amount 100.000         | Range 40 | - 130 |     | Recovery = | 102.380% |       |          |
| 24) Chloroform-d              | 5.055    | 84    |     | 168854     | 41.212   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 82.420%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.695    | 65    |     | 122568     | 45.284   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 90.560%  |       |          |
| 32) Benzene-d6                | 5.721    | 84    |     | 296303     | 45.040   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 90.080%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.682    | 67    |     | 86450      | 46.559   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 |     | Recovery = | 93.120%  |       |          |
| 41) Toluene-d8                | 7.894    | 98    |     | 262382     | 42.560   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery = | 85.120%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.177    | 79    |     | 49864      | 44.992   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery = | 89.980%  |       |          |
| 47) 2-Hexanone-d5             | 8.647    | 63    |     | 60584      | 99.811   | ug/L  | -0.03    |
| Spiked Amount 100.000         | Range 45 | - 130 |     | Recovery = | 99.810%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756   | 84    |     | 126662     | 45.648   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 |     | Recovery = | 91.300%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190   | 152   |     | 94946      | 41.839   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery = | 83.680%  |       |          |
|                               |          |       |     |            |          |       |          |
| Target Compounds              |          |       |     |            |          |       | Qvalue   |
| 13) Acetone                   | 2.640    | 43    |     | 116426     | 113.878  | ug/L  | 93       |
| 19) 1,1-Dichloroethane        | 3.865    | 63    |     | 8478       | 2.624    | ug/L  | 96       |
| 22) 2-Butanone                | 4.724    | 43    |     | 25361m     | 25.175   | ug/L  |          |
| -----                         |          |       |     |            |          |       |          |

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

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