

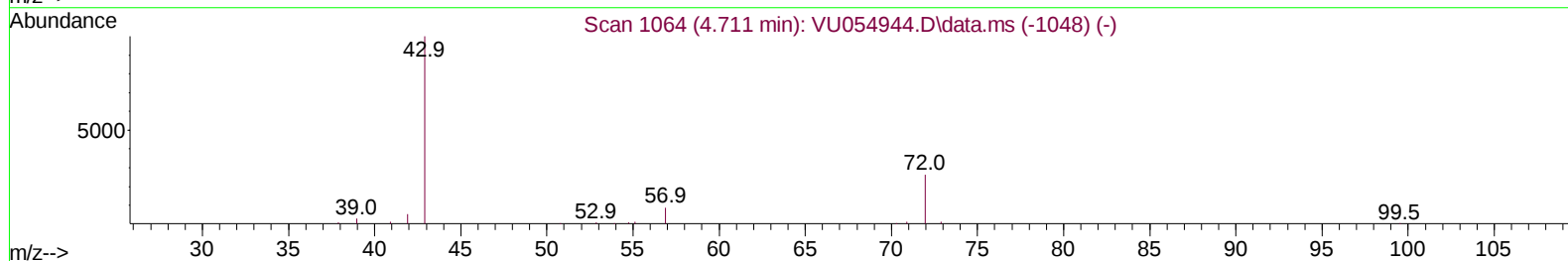
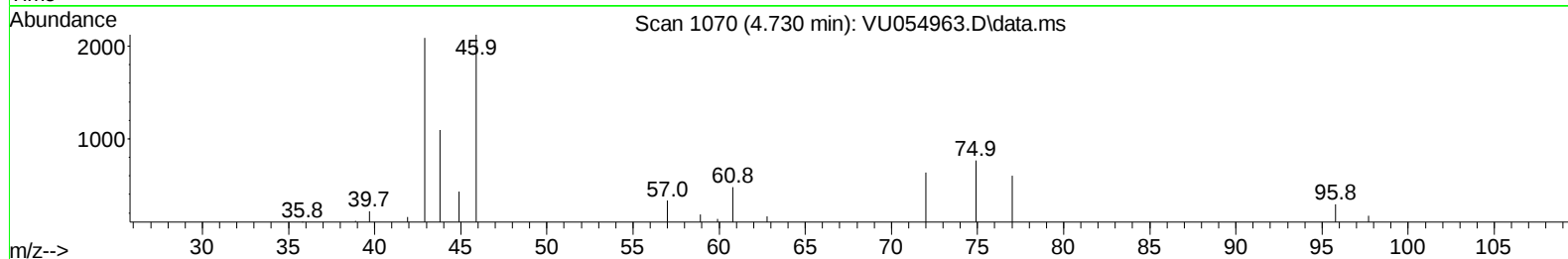
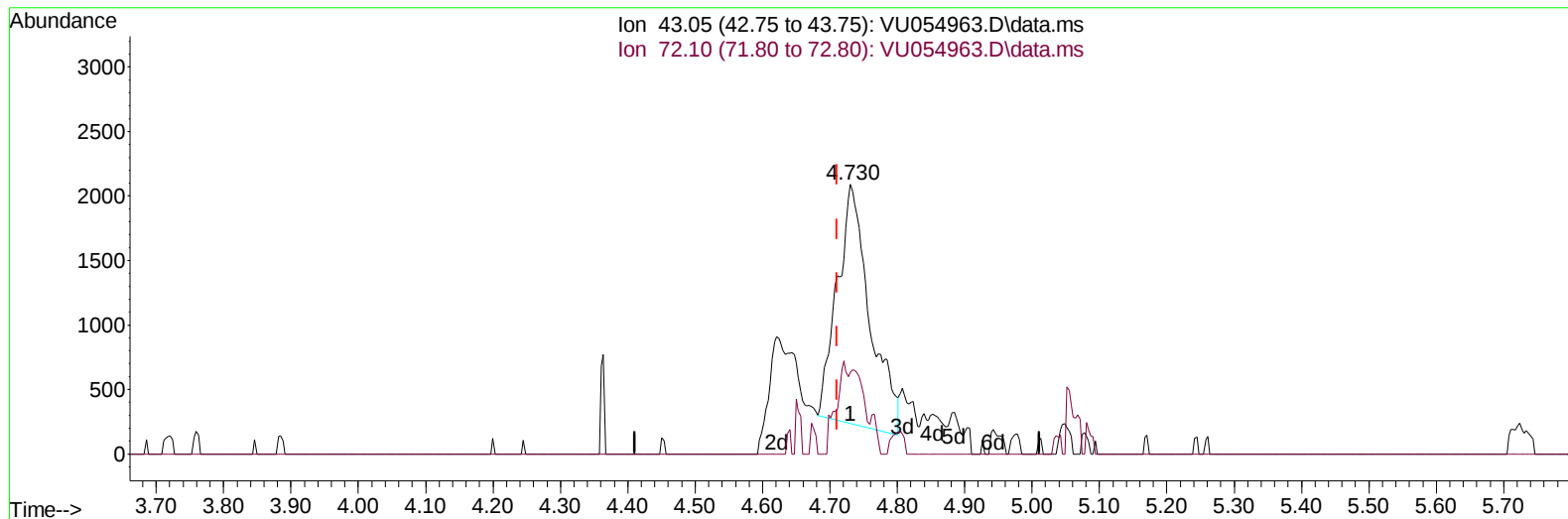
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082923\  
 Data File : VU054963.D  
 Acq On : 29 Aug 2023 17:48  
 Operator : MD/SY  
 Sample : 04173-15DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AL9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 29 22:31:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 29 22:22:50 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/31/2023  
 Supervised By :Mahesh Dadoda 08/31/2023



TIC: VU054963.D\data.ms

**(21) 2-Butanone (T)**

**4.730min (+ 0.019) 2.49 ug/L**

**response 6239**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.20  | 14.44  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

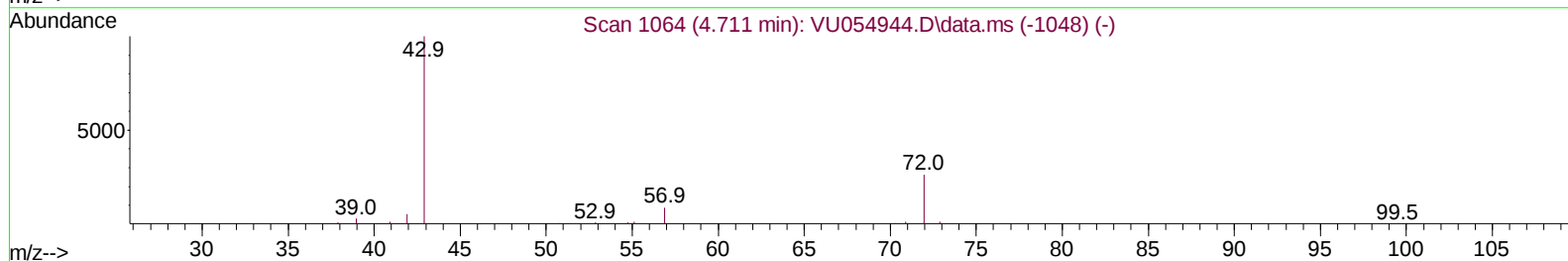
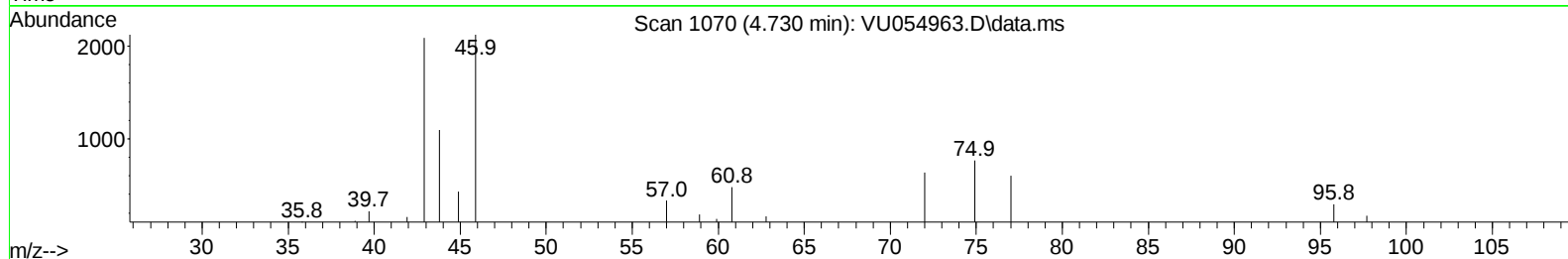
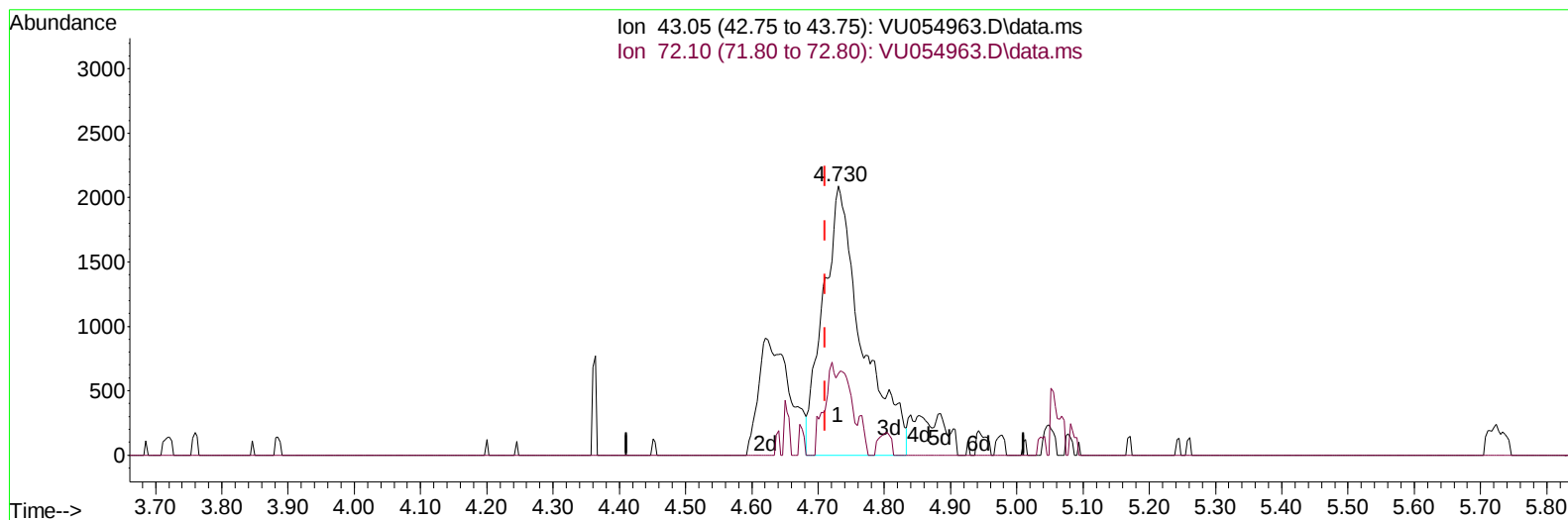
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TIC: VU054963.D\data.ms

## (21) 2-Butanone (T)

4.730min (+ 0.019) 3.42 ug/L m

response 8550

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.20  | 10.54# |
| 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        | 6.248    | 114   | 177275   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415    | 117   | 169416   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814   | 152   | 85358    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595    | 65    | 26208    | 4.684  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 93.600%  |          |
| 7) Chloroethane-d5            | 1.910    | 69    | 33634    | 4.653  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 93.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563    | 65    | 15535    | 4.912  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 98.200%  |          |
| 20) 2-Butanone-d5             | 4.624    | 46    | 179536   | 59.445 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 118.900% |          |
| 24) Chloroform-d              | 5.061    | 84    | 96977    | 4.672  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 93.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.701    | 65    | 56701    | 5.134  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 102.600% |          |
| 32) Benzene-d6                | 5.727    | 84    | 179009   | 4.701  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 94.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.692    | 67    | 66010    | 4.928  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 98.600%  |          |
| 41) Toluene-d8                | 7.897    | 98    | 158824   | 4.355  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 87.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.180    | 79    | 18614    | 4.223  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 84.400%  |          |
| 46) 2-Hexanone-d5             | 8.634    | 63    | 119363   | 57.054 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 114.100% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756   | 84    | 57466    | 5.003  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 100.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193   | 152   | 66849    | 4.905  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 98.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.518    | 50    | 2656     | 0.232  | ug/L     | 87       |
| 12) 1,1-Dichloroethene        | 2.566    | 96    | 1293     | 0.162  | ug/L #   | 1        |
| 16) Methylene chloride        | 3.042    | 84    | 25867    | 2.103  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 3.354    | 96    | 2625     | 0.300  | ug/L     | 89       |
| 21) 2-Butanone                | 4.730    | 43    | 8550m    | 3.418  | ug/L     |          |
| 22) cis-1,2-Dichloroethene    | 4.663    | 96    | 56144    | 5.383  | ug/L     | 95       |
| 34) Trichloroethene           | 6.541    | 95    | 24345    | 2.198  | ug/L     | 96       |
| -----                         |          |       |          |        |          |          |

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

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