

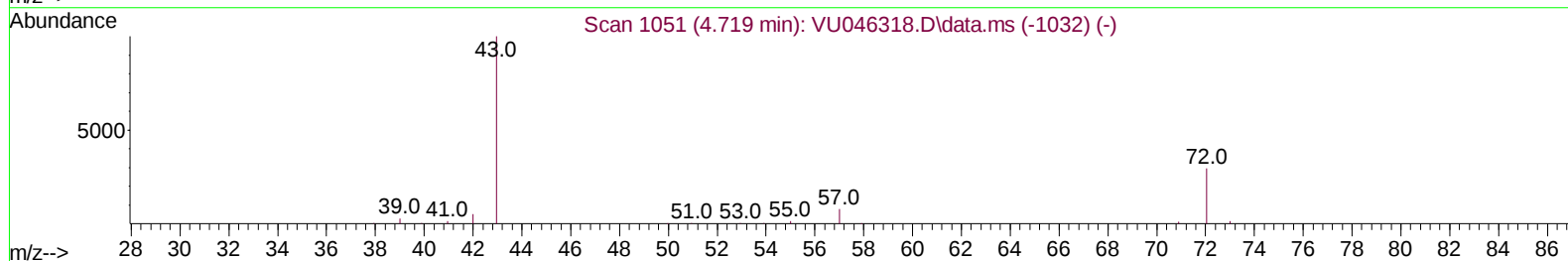
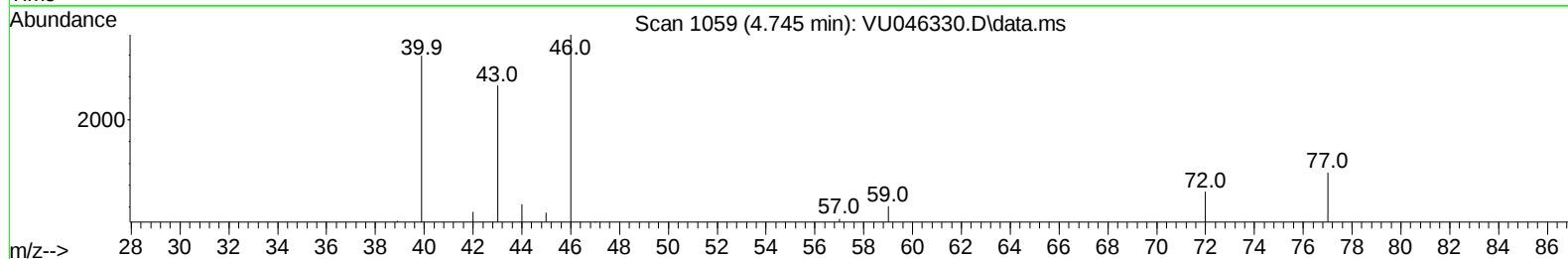
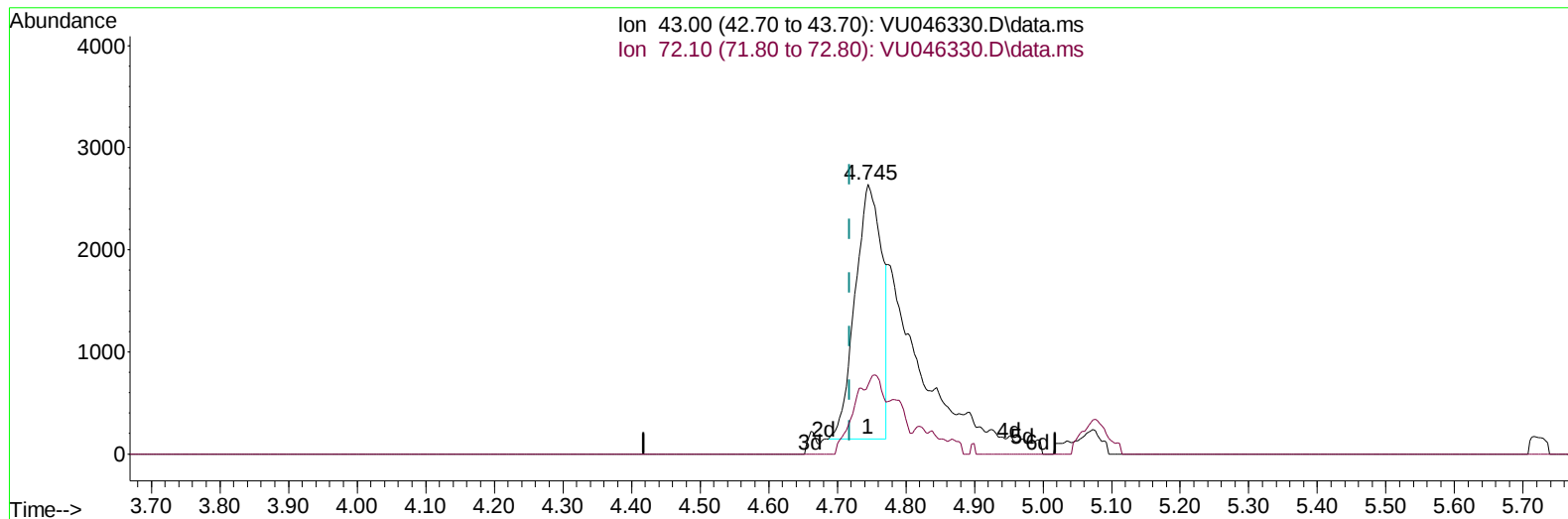
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121321\  
Data File : VU046330.D  
Acq On : 13 Dec 2021 20:50  
Operator : SY/MD  
Sample : M5063-01ME  
Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGL21ME

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/14/2021  
Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 14 03:54:42 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Dec 14 03:19:41 2021  
Response via : Initial Calibration



TIC: VU046330.D\data.ms

## (22) 2-Butanone (T)

4.745min (+ 0.026) 4.08 ug/L

response 6713

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 29.10  | 13.84# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

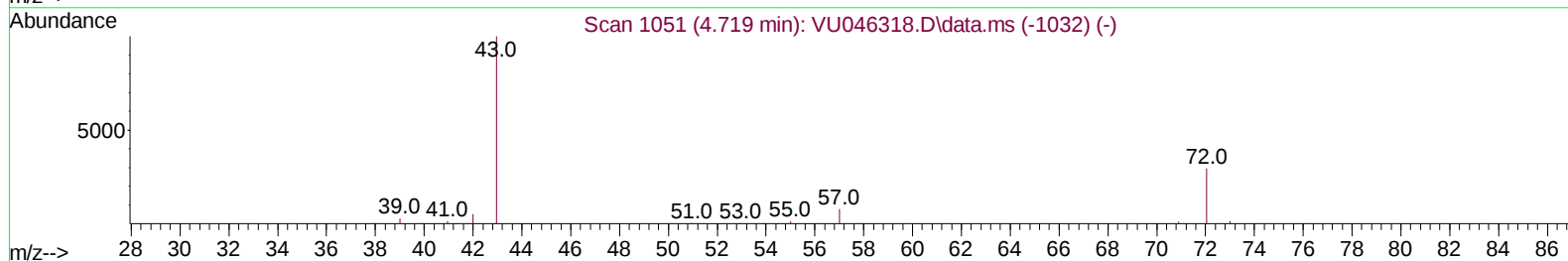
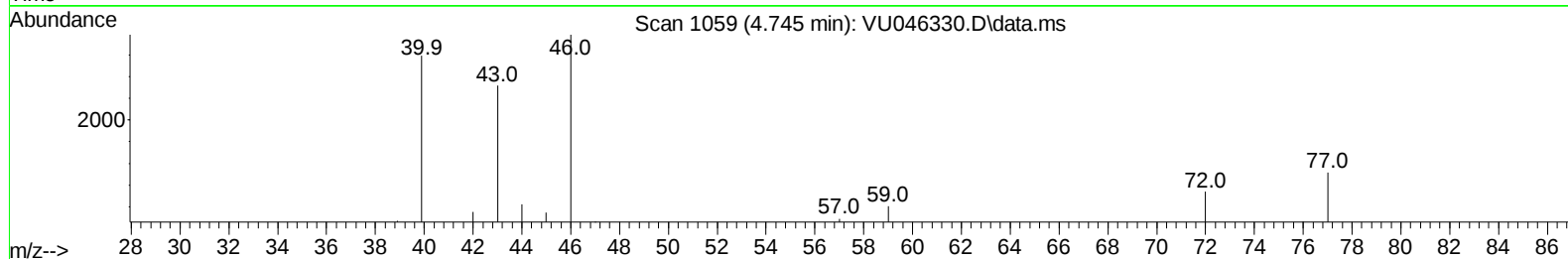
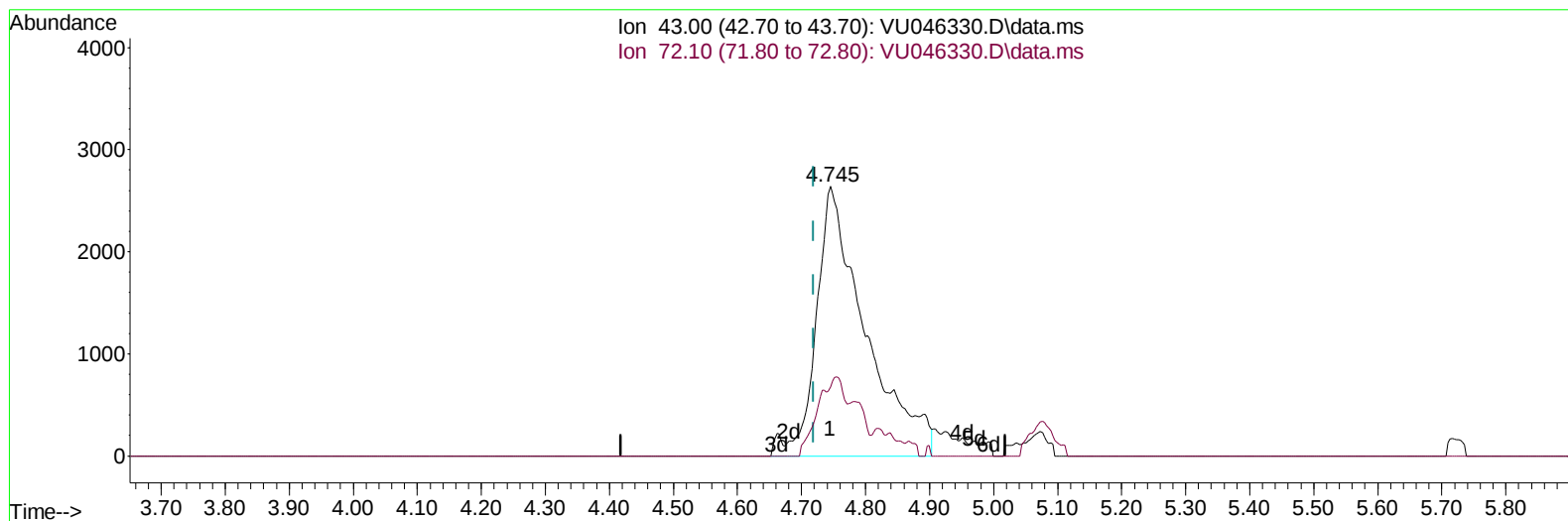
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TIC: VU046330.D\data.ms

(22) 2-Butanone (T)

4.745min (+ 0.026) 8.56 ug/L m

response 14067

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 29.10  | 6.60#  |
| 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        | 6.250          | 114  | 184532     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.427          | 117  | 187781     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822         | 152  | 90782      | 50.000   | ug/L  | 0.01     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 54345      | 35.751   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.500%  |       |          |
| 7) Chloroethane-d5            | 1.916          | 69   | 34030      | 29.158   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 58.320%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.546          | 63   | 58510      | 21.441   | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 42.880%# |       |          |
| 21) 2-Butanone-d5             | 4.662          | 46   | 73811      | 61.082   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 61.080%  |       |          |
| 24) Chloroform-d              | 5.067          | 84   | 91833      | 36.177   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 72.360%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 64980      | 38.143   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 76.280%  |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 189792     | 35.263   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 70.520%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 59234      | 35.512   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 71.020%  |       |          |
| 41) Toluene-d8                | 7.899          | 98   | 168644     | 34.414   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 68.820%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.186          | 79   | 28820      | 35.792   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.580%  |       |          |
| 47) 2-Hexanone-d5             | 8.684          | 63   | 52644      | 66.565   | ug/L  | 0.05     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 66.560%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.774         | 84   | 86349      | 34.135   | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 68.280%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.201         | 152  | 61447      | 35.147   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 70.300%# |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 22) 2-Butanone                | 4.745          | 43   | 14067m     | 8.556    | ug/L  | Qvalue   |

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

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