

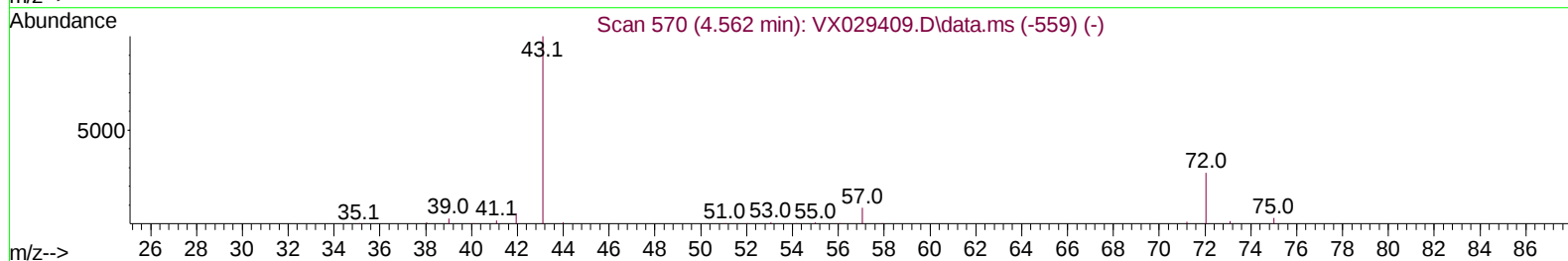
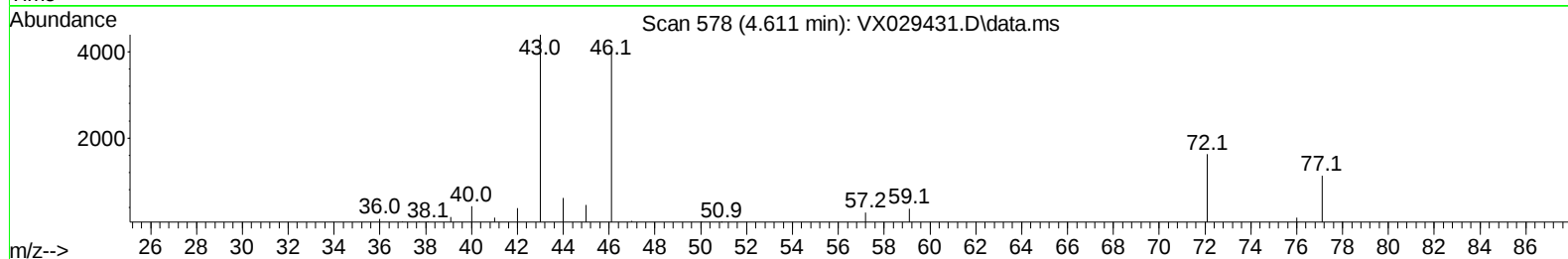
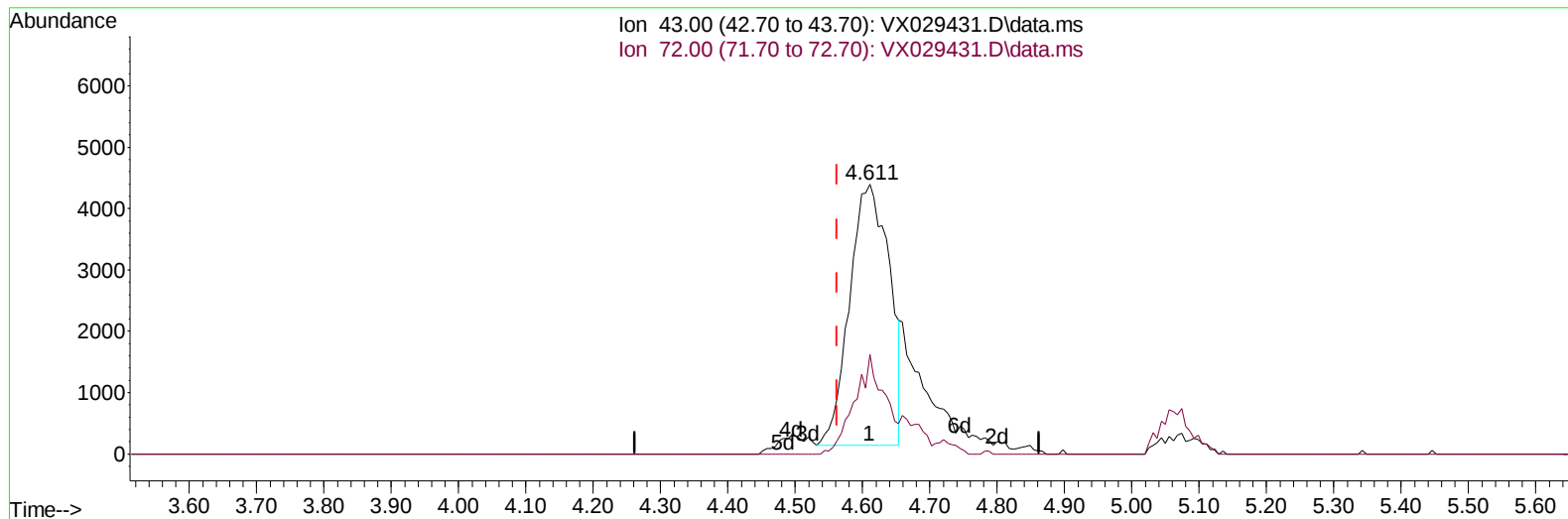
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061322\  
Data File : VX029431.D  
Acq On : 13 Jun 2022 22:25  
Operator : JC/MD  
Sample : N3226-09ME  
Misc : 5.37g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW4M9ME

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/14/2022  
Supervised By :Mahesh Dadoda 06/15/2022

Quant Time: Jun 14 04:27:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 14 04:22:00 2022  
Response via : Initial Calibration



TIC: VX029431.D\data.ms

## (22) 2-Butanone (T)

4.611min (+ 0.049) 6.04 ug/L

response 17463

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 26.30  | 28.98  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

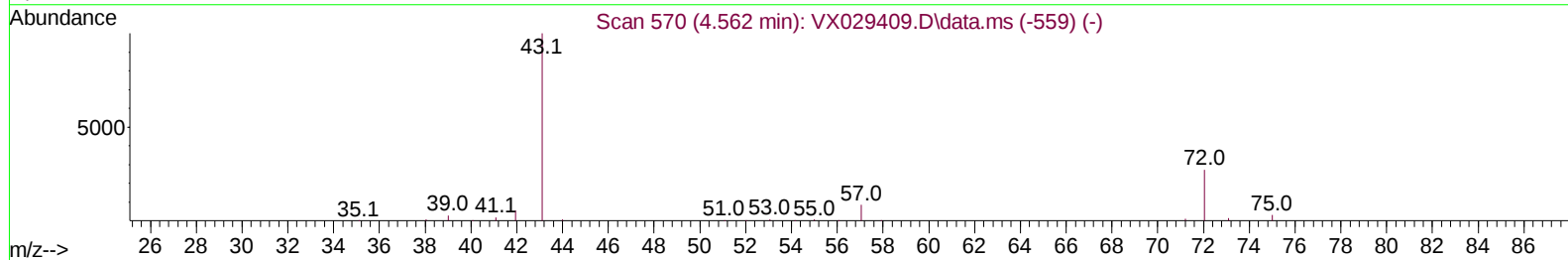
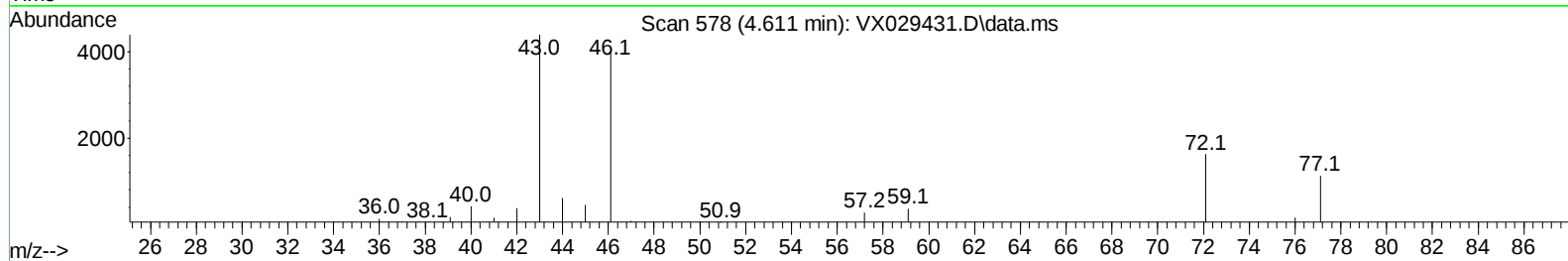
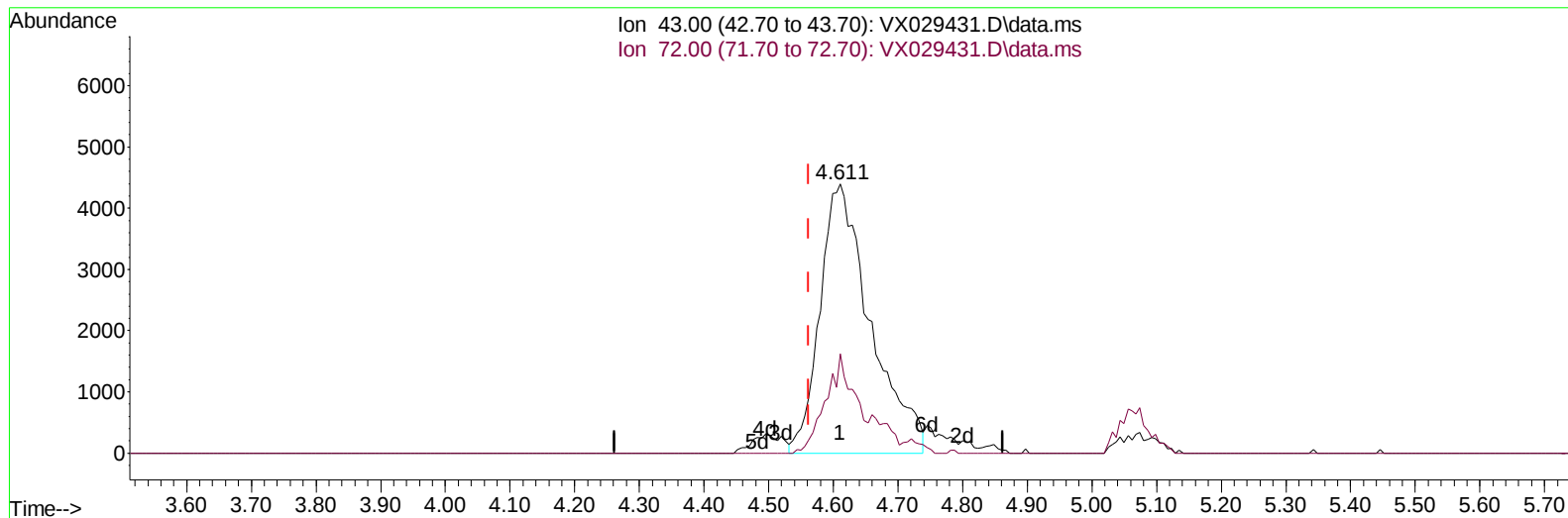
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TIC: VX029431.D\data.ms

## (22) 2-Butanone (T)

4.611min (+ 0.049) 8.24 ug/L m

response 23831

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 26.30  | 21.23  |
| 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        | 6.763    | 114   | 490872   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.055   | 117   | 427675   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024   | 152   | 201186   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.367    | 65    | 128158   | 33.720 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =      | 67.440%  |          |
| 7) Chloroethane-d5            | 1.666    | 69    | 54840    | 23.218 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =      | 46.440%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.282    | 63    | 180156   | 26.309 | ug/L     | -0.02    |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 52.620%# |          |
| 21) 2-Butanone-d5             | 4.495    | 46    | 206444   | 71.642 | ug/L     | 0.04     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =      | 71.640%  |          |
| 24) Chloroform-d              | 5.062    | 84    | 257659   | 35.507 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 71.020%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.964    | 65    | 173064   | 36.888 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 73.780%  |          |
| 32) Benzene-d6                | 5.970    | 84    | 529502   | 39.637 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 79.280%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.311    | 67    | 157619   | 40.284 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =      | 80.560%  |          |
| 41) Toluene-d8                | 8.653    | 98    | 471666   | 37.451 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 74.900%# |          |
| 43) trans-1,3-Dichloroprop... | 8.951    | 79    | 57280    | 29.689 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 59.380%# |          |
| 47) 2-Hexanone-d5             | 9.396    | 63    | 151747   | 71.705 | ug/L     | 0.01     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =      | 71.700%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195   | 84    | 201624   | 35.143 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =      | 70.280%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323   | 152   | 161452   | 38.600 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 77.200%# |          |
| Target Compounds              |          |       |          |        |          |          |
| 22) 2-Butanone                | 4.611    | 43    | 23831m   | 8.243  | ug/L     | Qvalue   |

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

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