

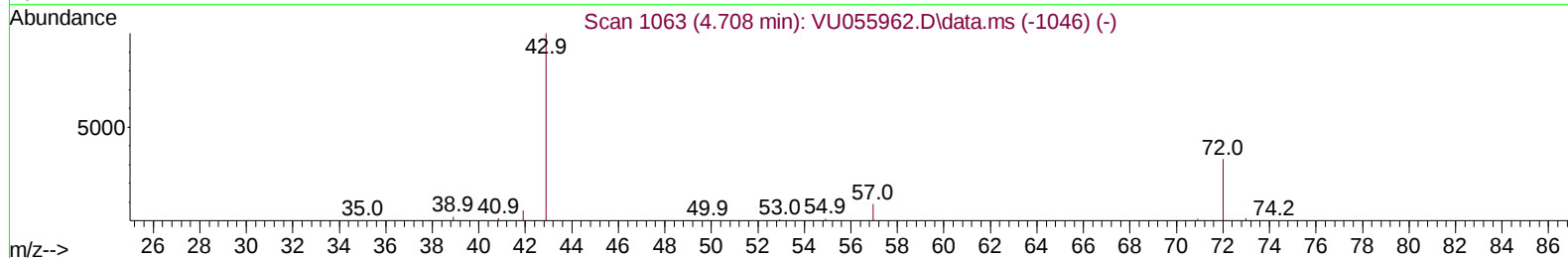
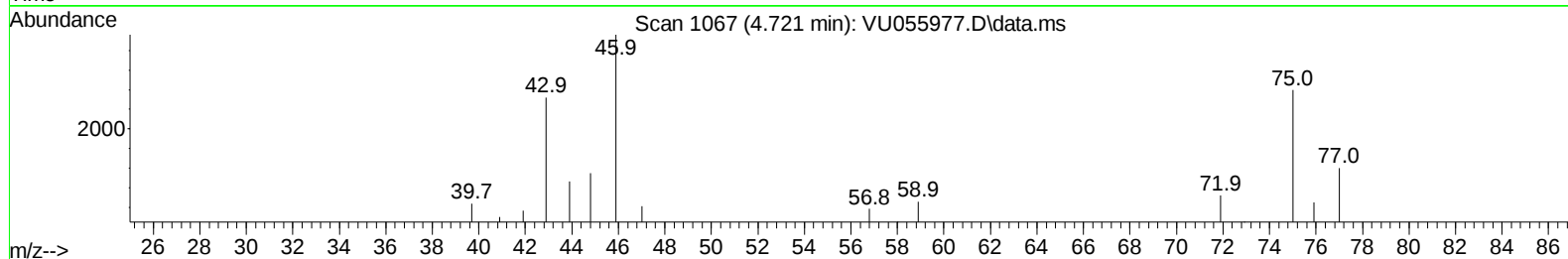
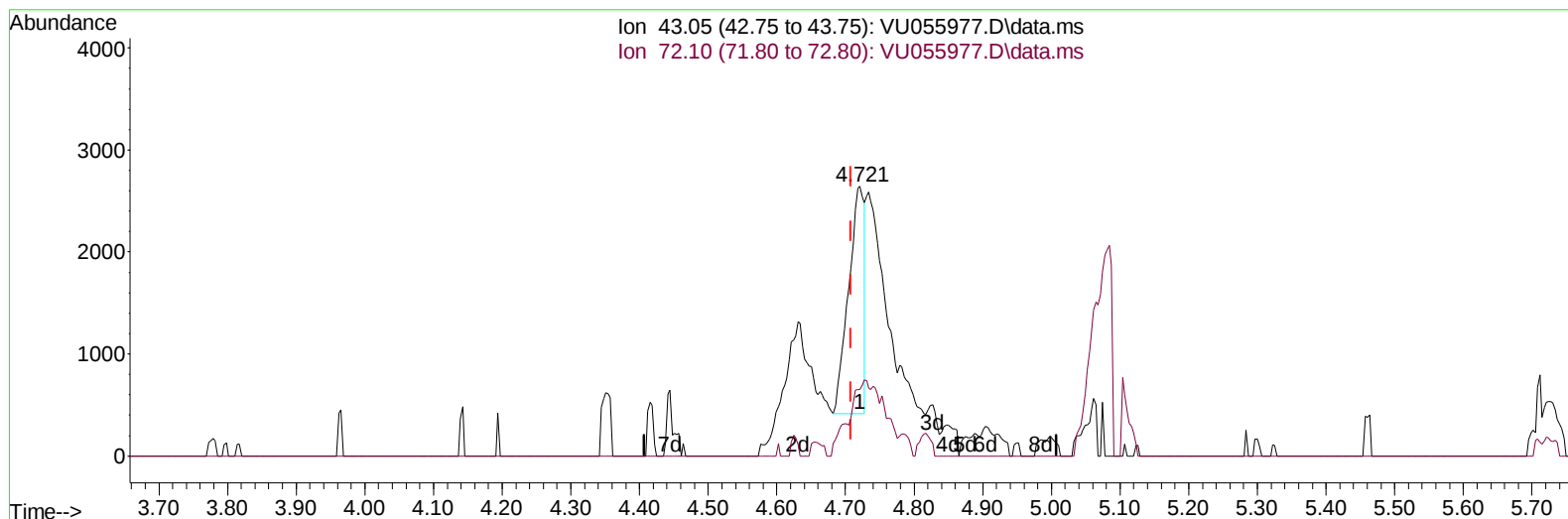
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102823\  
 Data File : VU055977.D  
 Acq On : 28 Oct 2023 16:29  
 Operator : MD/SY  
 Sample : 05114-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B61

Manual IntegrationsAPPROVED

Quant Time: Oct 30 04:55:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 30 04:51:15 2023  
 Response via : Initial Calibration

Reviewed By :John Carlone 10/30/2023  
 Supervised By :Mahesh Dadoda 11/01/2023



TIC: VU055977.D\data.ms

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

**4.721min (+ 0.013) 0.87 ug/L**

**response 3524**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.90  | 45.77# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

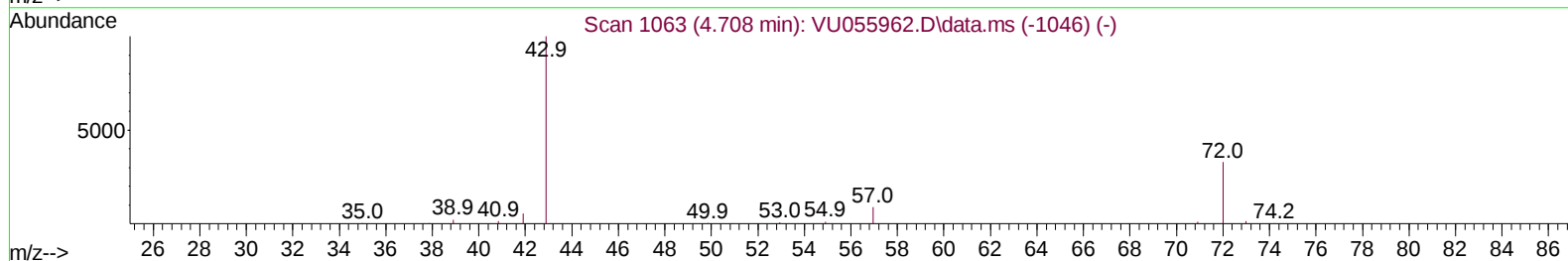
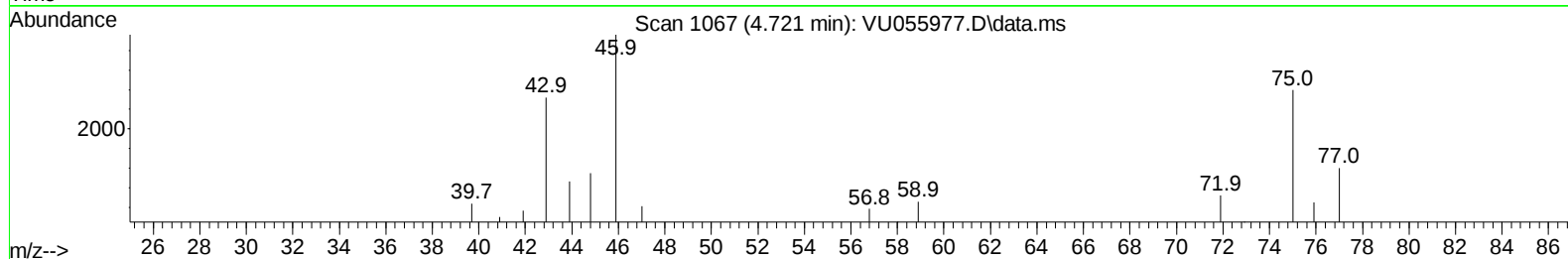
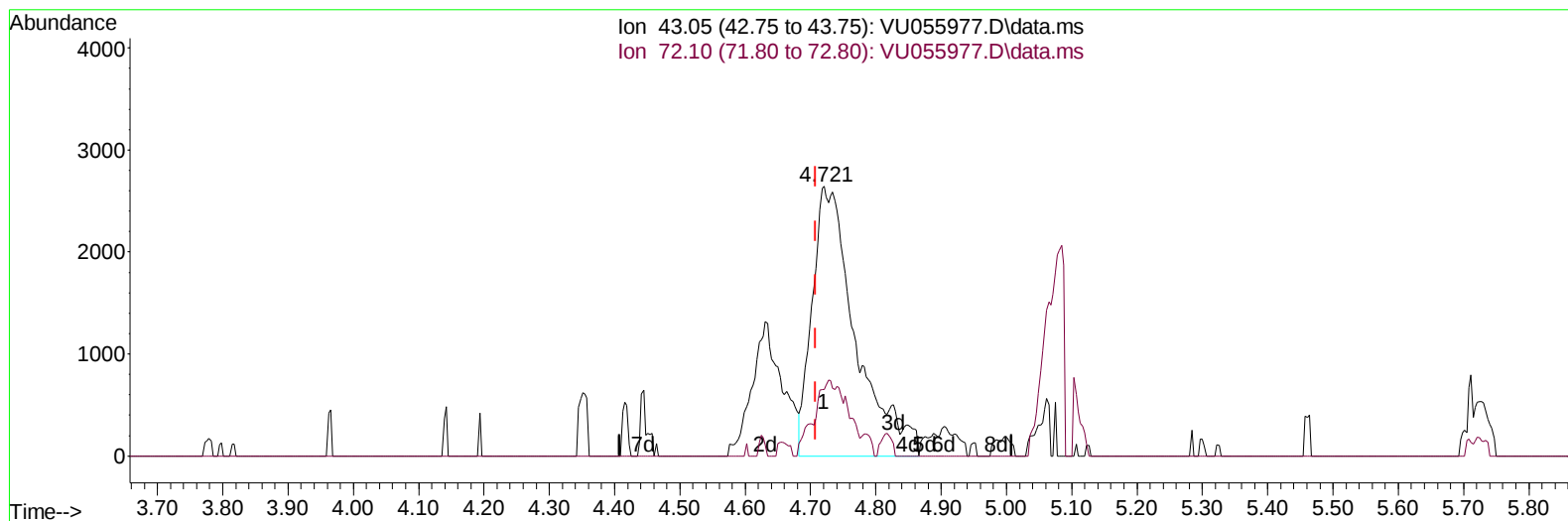
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102823\  
Data File : VU055977.D  
Acq On : 28 Oct 2023 16:29  
Operator : MD/SY  
Sample : 05114-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B61

Manual IntegrationsAPPROVED

Quant Time: Oct 30 04:55:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 30 04:51:15 2023  
Response via : Initial Calibration

Reviewed By :John Carlone 10/30/2023  
Supervised By :Mahesh Dadoda 11/01/2023



TIC: VU055977.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.013) 3.00 ug/L m

response 12189

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.90  | 13.23# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102823\  
 Data File : VU055977.D  
 Acq On : 28 Oct 2023 16:29  
 Operator : MD/SY  
 Sample : 05114-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B61

Manual IntegrationsAPPROVED

Quant Time: Oct 30 04:55:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 30 04:51:15 2023  
 Response via : Initial Calibration

Reviewed By :John Carlone 10/30/2023  
 Supervised By :Mahesh Dadoda 11/01/2023

| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|-----------|----------|
| -----                         |          |       |     |          |        |           |          |
| Internal Standards            |          |       |     |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.245    | 114   |     | 344058   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.415    | 117   |     | 346039   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811   | 152   |     | 161904   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.599    | 65    |     | 114506   | 4.207  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 |     | Recovery | =      | 84.200%   |          |
| 7) Chloroethane-d5            | 1.914    | 69    |     | 101208   | 4.771  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 |     | Recovery | =      | 95.400%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.567    | 65    |     | 51873    | 4.489  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 |     | Recovery | =      | 89.800%   |          |
| 20) 2-Butanone-d5             | 4.628    | 46    |     | 251366   | 51.770 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 |     | Recovery | =      | 103.540%  |          |
| 24) Chloroform-d              | 5.059    | 84    |     | 271190   | 5.377  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery | =      | 107.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698    | 65    |     | 117291   | 4.774  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery | =      | 95.400%   |          |
| 32) Benzene-d6                | 5.724    | 84    |     | 507657   | 4.925  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery | =      | 98.600%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.686    | 67    |     | 152902   | 5.004  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 |     | Recovery | =      | 100.000%  |          |
| 41) Toluene-d8                | 7.894    | 98    |     | 437359   | 4.677  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery | =      | 93.600%   |          |
| 43) trans-1,3-Dichloroprop... | 8.177    | 79    |     | 53385    | 4.467  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 |     | Recovery | =      | 89.400%   |          |
| 46) 2-Hexanone-d5             | 8.631    | 63    |     | 199972   | 65.916 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 |     | Recovery | =      | 131.840%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753   | 84    |     | 112708   | 5.065  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 |     | Recovery | =      | 101.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190   | 152   |     | 156985   | 5.197  | ug/L      | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 |     | Recovery | =      | 104.000%  |          |
| Target Compounds              |          |       |     |          |        |           |          |
|                               |          |       |     |          |        | Qvalue    |          |
| 13) Acetone                   | 2.637    | 43    |     | 14173    | 5.122  | ug/L      | 98       |
| 21) 2-Butanone                | 4.721    | 43    |     | 12189m   | 2.997  | ug/L      |          |
| 25) Chloroform                | 5.084    | 83    |     | 640360   | 17.790 | ug/L      | 99       |
| 38) Bromodichloromethane      | 7.104    | 83    |     | 109033   | 4.283  | ug/L      | 98       |
| 49) Dibromochloromethane      | 8.808    | 129   |     | 17933    | 1.146  | ug/L      | 97       |
| -----                         |          |       |     |          |        |           |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102823\  
Data File : VU055977.D  
Acq On : 28 Oct 2023 16:29  
Operator : MD/SY  
Sample : 05114-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B61

Manual IntegrationsAPPROVED

Quant Time: Oct 30 04:55:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 30 04:51:15 2023  
Response via : Initial Calibration

Reviewed By :John Carlone 10/30/2023  
Supervised By :Mahesh Dadoda 11/01/2023

