

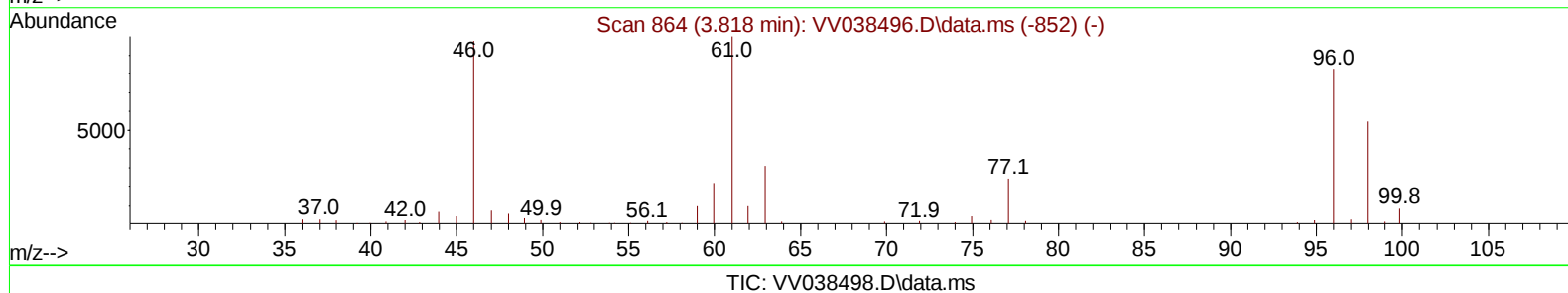
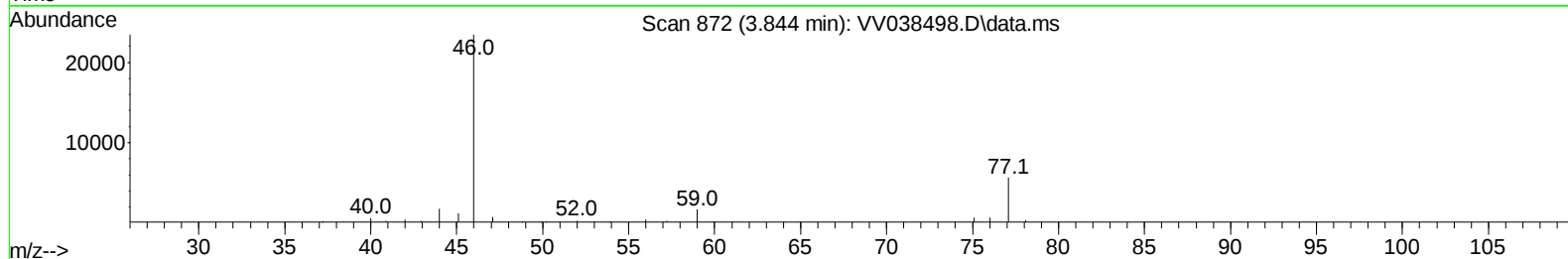
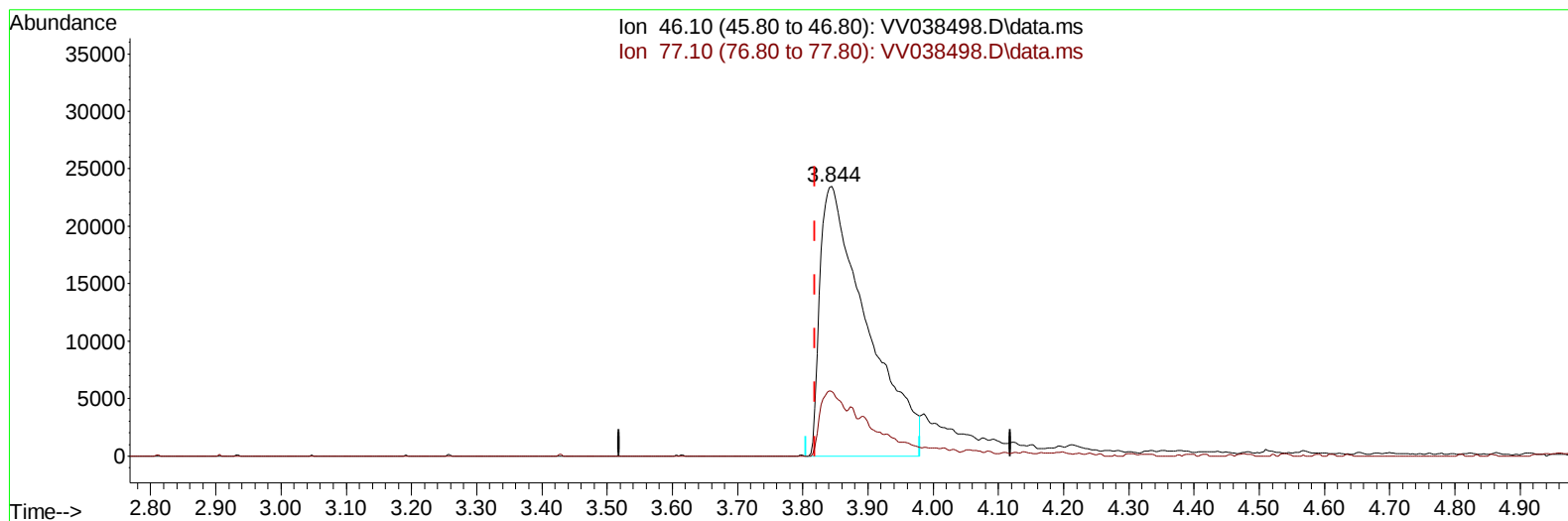
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012225\  
 Data File : VV038498.D  
 Acq On : 22 Jan 2025 14:48  
 Operator : SY/MD  
 Sample : VV0122WBL02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK275

Manual IntegrationsAPPROVED

Quant Time: Jan 23 01:38:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 23 01:38:03 2025  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/24/2025  
 Supervised By :Semsettin Yesilyurt 01/24/2025



**(20) 2-Butanone-d5 (S)**

**3.844min (+ 0.026) 36.46 ug/L**

**response 116853**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 24.70  | 11.69# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

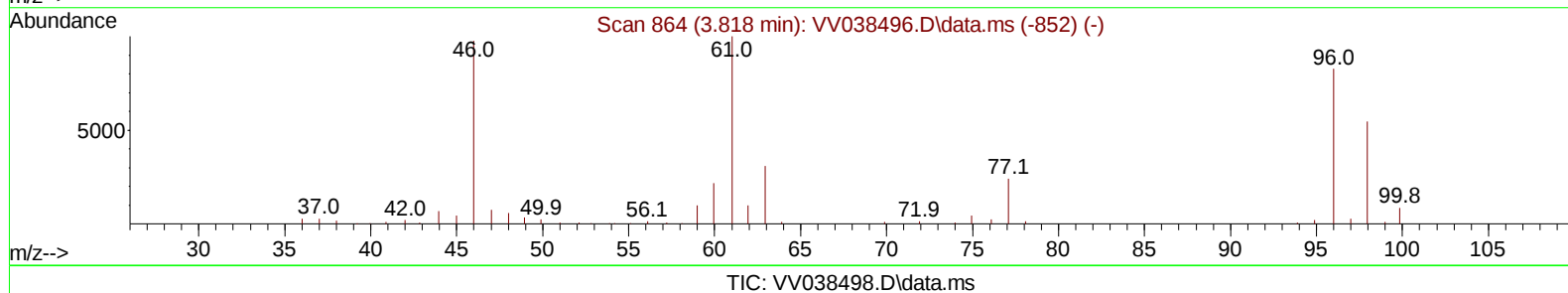
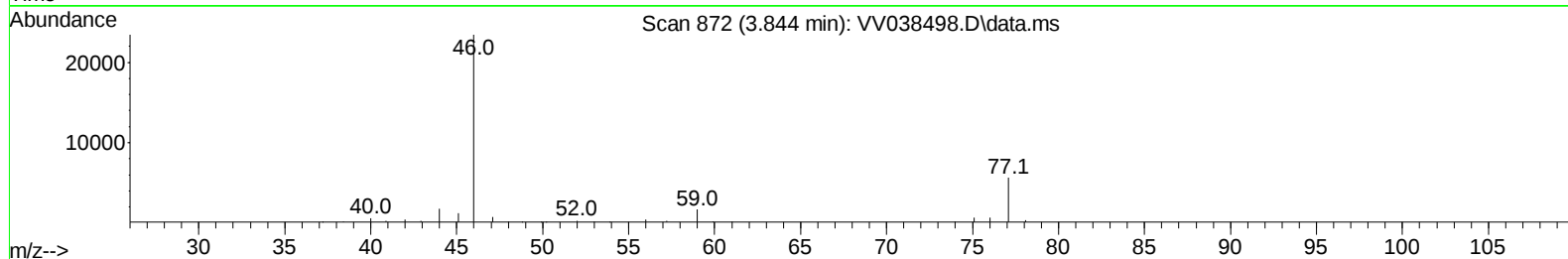
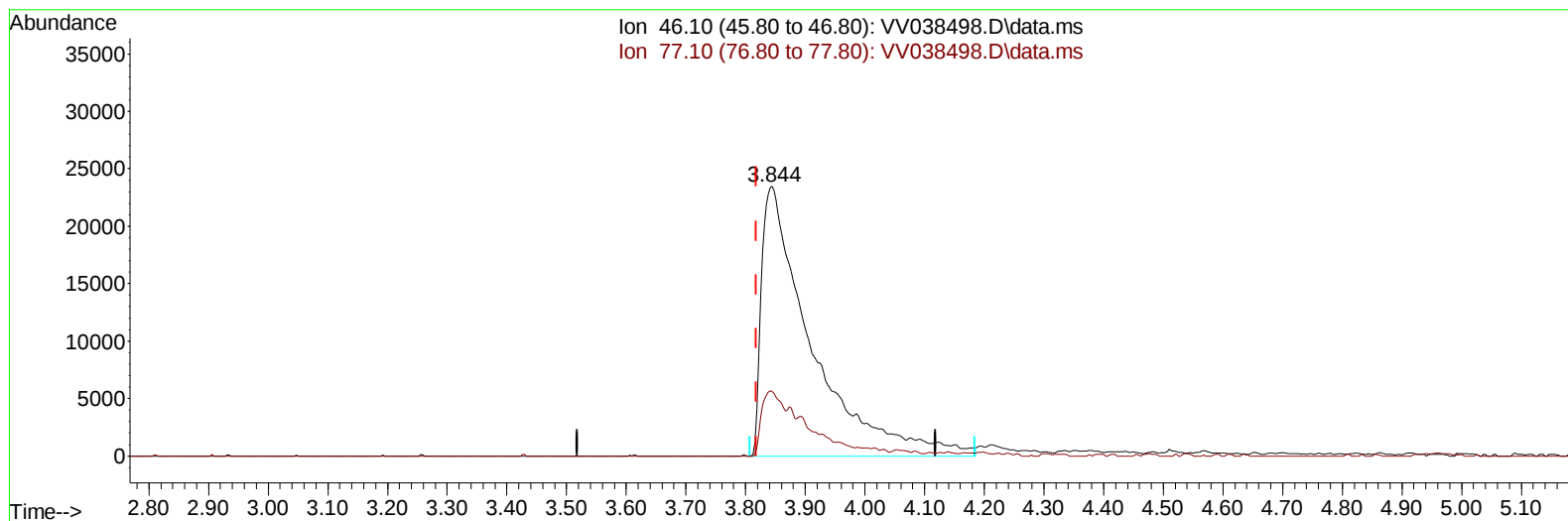
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jan 23 01:38:03 2025  
Response via : Initial Calibration

**(20) 2-Butanone-d5 (S)**

3.844min (+ 0.026) 42.69 ug/L m

response 136839

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 24.70  | 9.98#  |
| 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        | 5.529    | 114   |     | 184794     | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780    | 117   |     | 196926     | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178   | 152   |     | 79642      | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278    | 65    |     | 54363      | 3.567   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 |     | Recovery = | 71.400% |       |          |
| 7) Chloroethane-d5            | 1.532    | 69    |     | 52828      | 4.128   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 |     | Recovery = | 82.600% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.056    | 65    |     | 27352      | 3.983   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 |     | Recovery = | 79.600% |       |          |
| 20) 2-Butanone-d5             | 3.844    | 46    |     | 136839m    | 42.693  | ug/L  | 0.03     |
| Spiked Amount 50.000          | Range 40 | - 130 |     | Recovery = | 85.380% |       |          |
| 24) Chloroform-d              | 4.243    | 84    |     | 119907     | 4.198   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery = | 84.000% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.944    | 65    |     | 56634      | 4.327   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery = | 86.600% |       |          |
| 32) Benzene-d6                | 4.953    | 84    |     | 218231     | 4.024   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery = | 80.400% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982    | 67    |     | 72820      | 4.417   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 |     | Recovery = | 88.400% |       |          |
| 41) Toluene-d8                | 7.240    | 98    |     | 170885     | 3.508   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery = | 70.200% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    |     | 20586      | 3.414   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 |     | Recovery = | 68.200% |       |          |
| 46) 2-Hexanone-d5             | 8.027    | 63    |     | 75247      | 31.627  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 |     | Recovery = | 63.260% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146   | 84    |     | 56879      | 4.352   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 |     | Recovery = | 87.000% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554   | 152   |     | 64150      | 4.759   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 |     | Recovery = | 95.200% |       |          |

Target Compounds Qvalue

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

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