

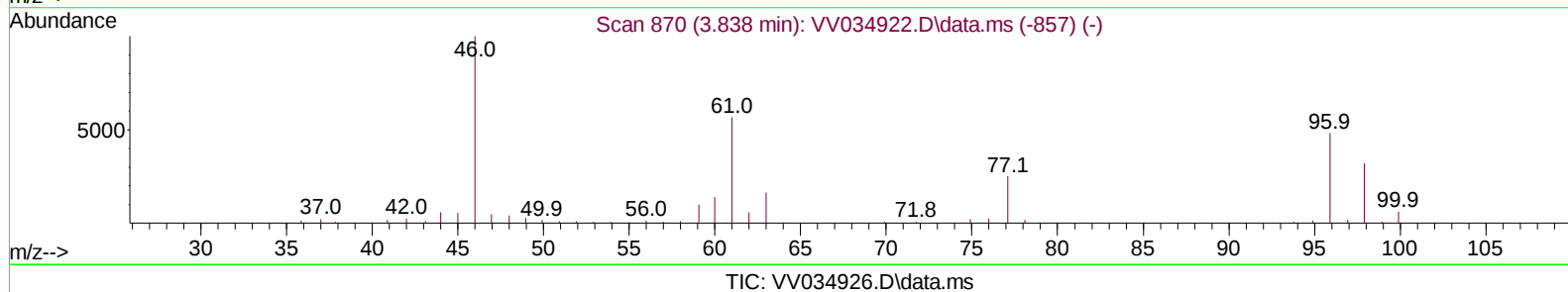
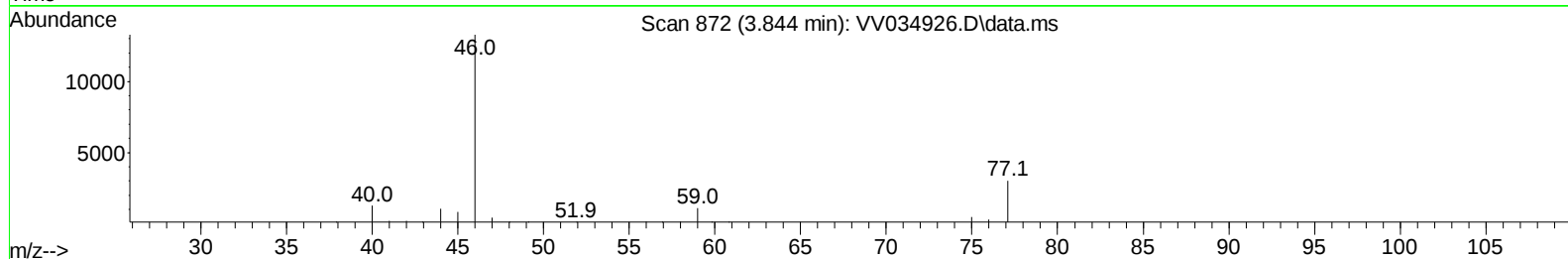
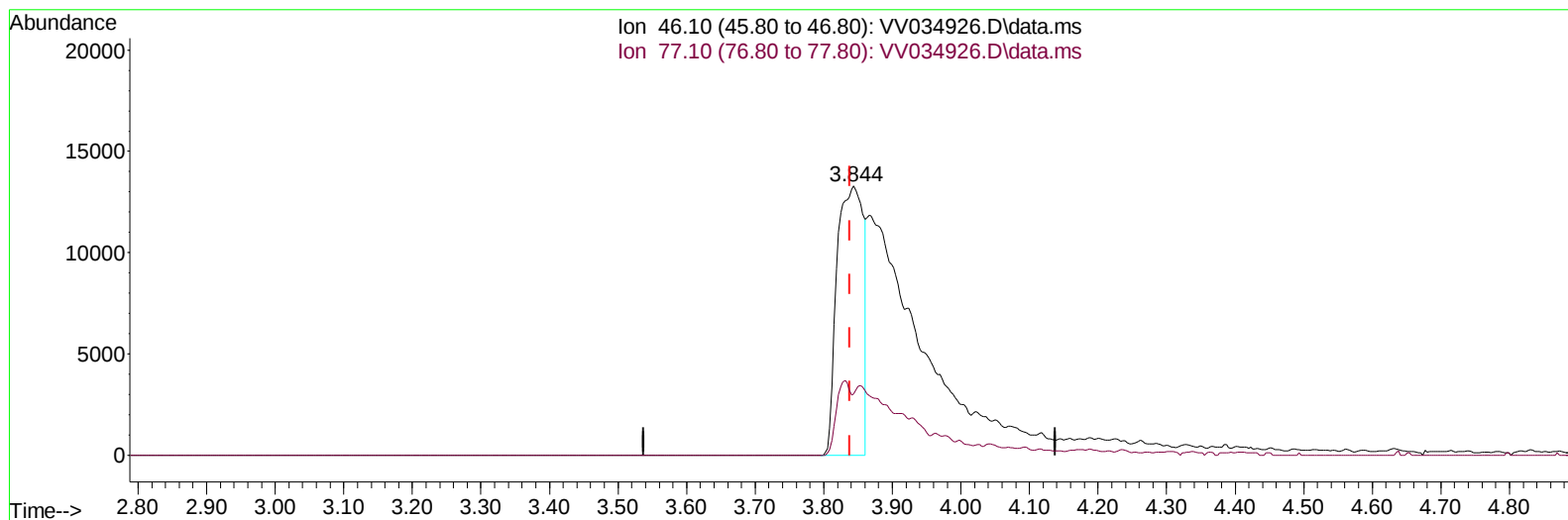
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040224\  
Data File : VV034926.D  
Acq On : 02 Apr 2024 12:20  
Operator : SY/MD  
Sample : VV0402WBL01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK228

Manual IntegrationsAPPROVED

Quant Time: Apr 03 05:19:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 03 05:08:19 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/05/2024  
Supervised By :Semsettin Yesilyurt 04/05/2024



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

**3.844min (+ 0.006) 14.76 ug/L**

**response 35194**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 17.20  | 13.52  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

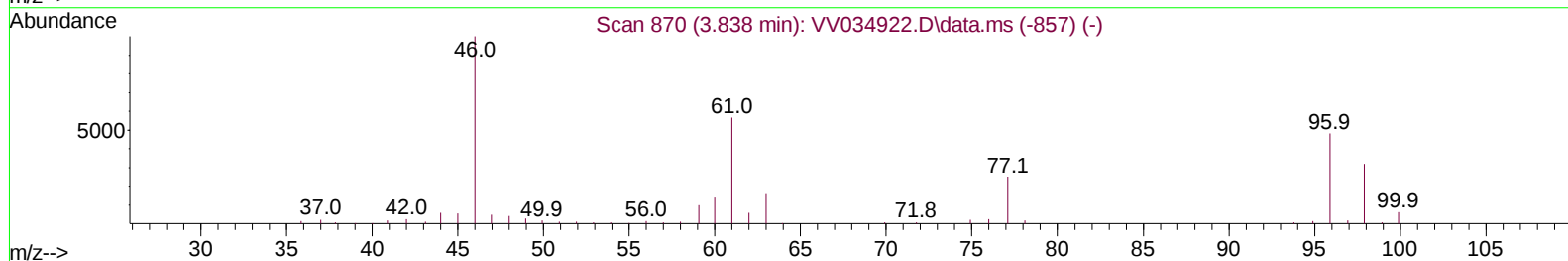
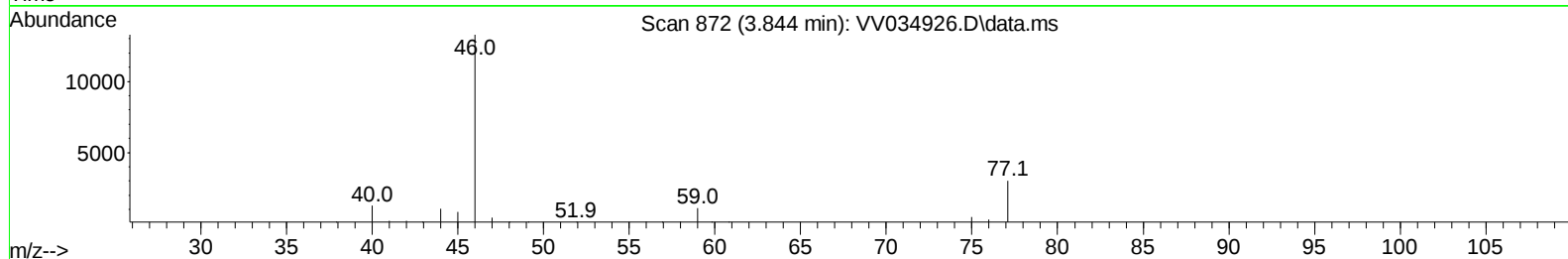
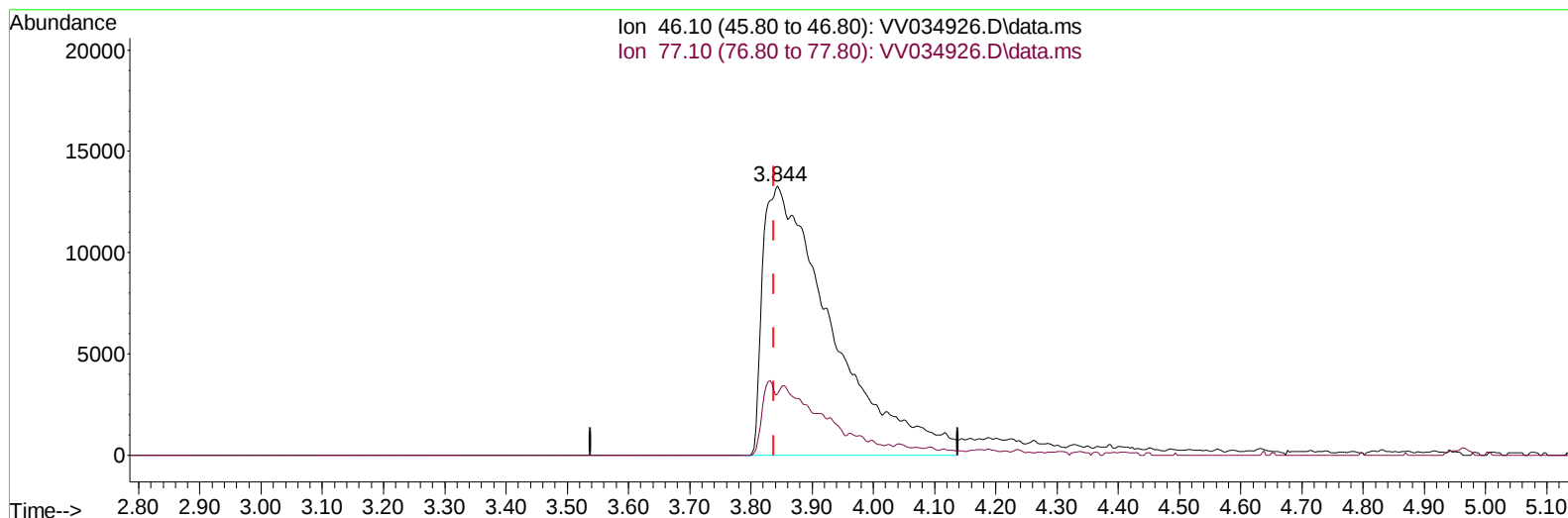
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TIC: VV034926.D\data.ms

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

**3.844min (+ 0.006) 43.68 ug/L m**

**response 104159**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 17.20  | 4.57#  |
| 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        | 5.535  | 114   |          | 184914   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   |          | 177470   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.184 | 152   |          | 76601    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    |          | 72876    | 4.782  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.600%  |          |
| 7) Chloroethane-d5            | 1.532  | 69    |          | 61581    | 4.901  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    |          | 33630    | 4.859  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.200%  |          |
| 20) 2-Butanone-d5             | 3.844  | 46    |          | 104159m  | 43.683 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 87.360%  |          |
| 24) Chloroform-d              | 4.249  | 84    |          | 113940   | 4.621  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    |          | 55961    | 5.025  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.600% |          |
| 32) Benzene-d6                | 4.960  | 84    |          | 234659   | 5.055  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    |          | 71378    | 5.239  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 104.800% |          |
| 41) Toluene-d8                | 7.243  | 98    |          | 202724   | 4.807  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    |          | 20319    | 4.198  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.000%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63    |          | 68472    | 41.218 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.440%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    |          | 43778    | 4.605  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   |          | 64955    | 5.383  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.600% |          |

Target Compounds Qvalue

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

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