

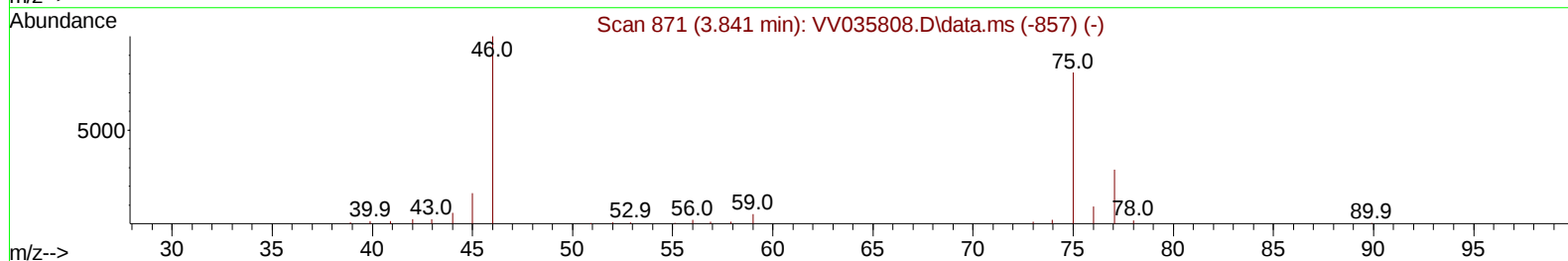
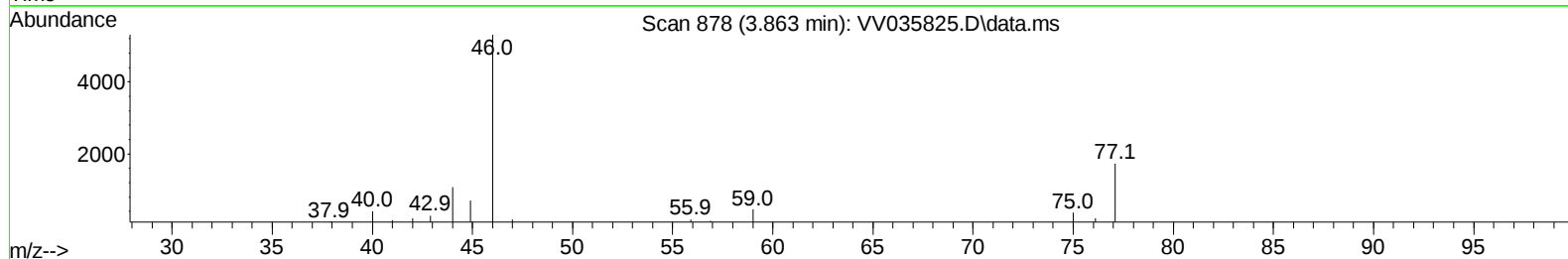
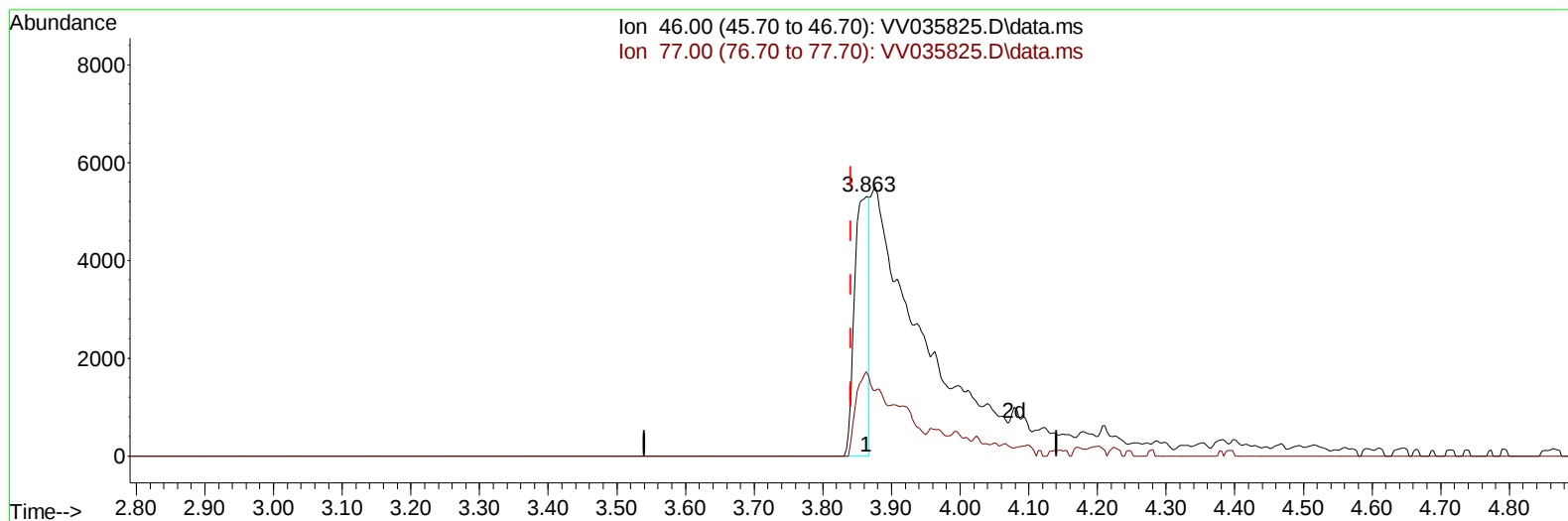
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035825.D  
Acq On : 26 May 2024 02:25  
Operator : SY/MD  
Sample : P2586-19  
Misc : 5.27g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C44

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024  
Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:35:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 27 05:15:54 2024  
Response via : Initial Calibration



TIC: VV035825.D\data.ms

## (21) 2-Butanone-d5 (S)

3.863min (+ 0.022) 3.17 ug/L

response 7567

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 39.50# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

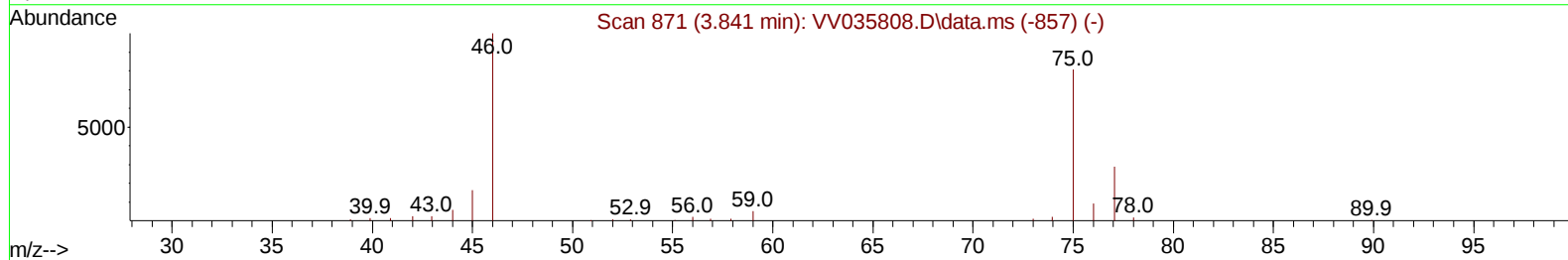
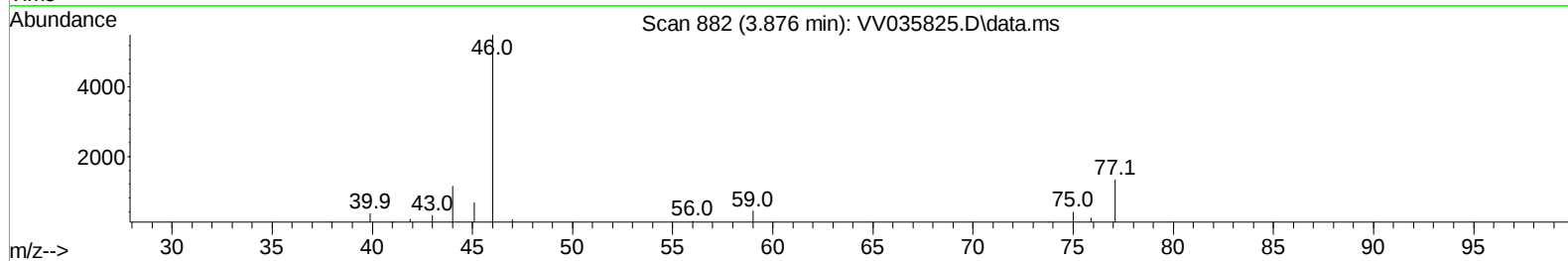
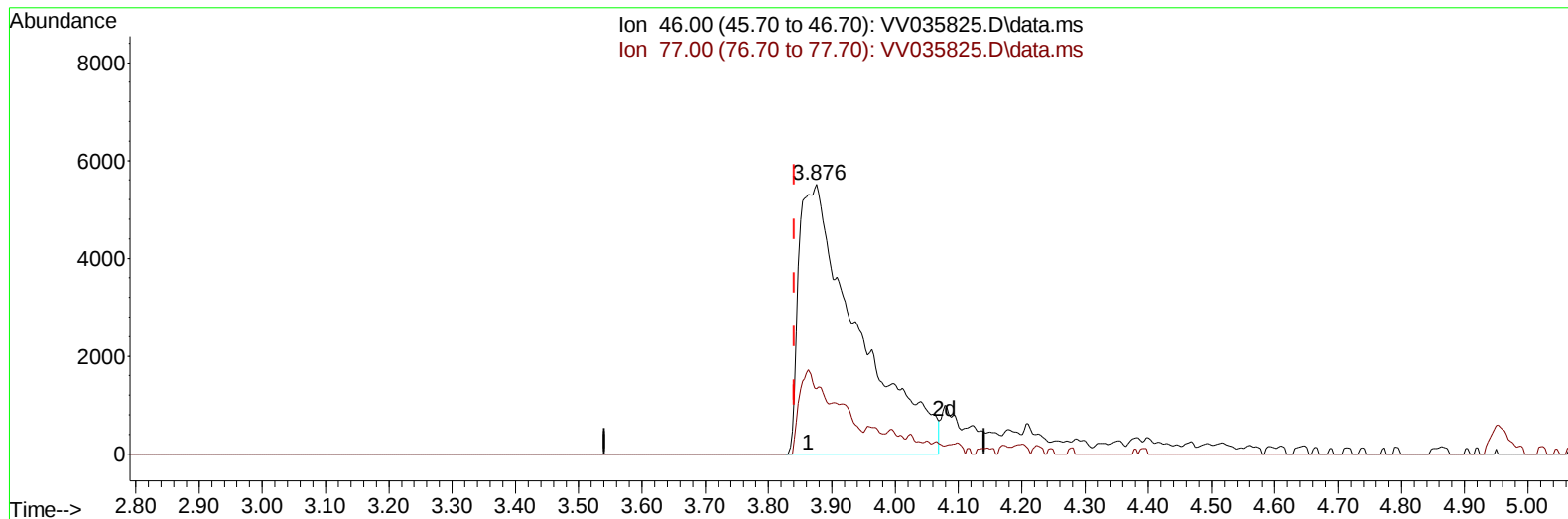
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TIC: VV035825.D\data.ms

(21) 2-Butanone-d5 (S)

3.876min (+ 0.035) 14.78 ug/L m

response 35325

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 8.46#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: May 27 05:35:08 2024  
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 Quant Title : VOC Analysis  
 QLast Update : Mon May 27 05:15:54 2024  
 Response via : Initial Calibration

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----                         |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   | 544924   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 534313   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   | 207891   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 155647   | 18.480 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 73.920% |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 132108   | 19.443 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 77.760% |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 69471    | 18.631 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 74.520% |          |
| 21) 2-Butanone-d5             | 3.876    | 46    | 35325m   | 14.779 | ug/L    | 0.04     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 29.560% |          |
| 24) Chloroform-d              | 4.243    | 84    | 288480   | 17.807 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 71.240% |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 164494   | 20.539 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 82.160% |          |
| 32) Benzene-d6                | 4.956    | 84    | 545020   | 18.634 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 74.520% |          |
| 36) 1,2-Dichloropropane-d6    | 5.985    | 67    | 183105   | 20.286 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 81.160% |          |
| 41) Toluene-d8                | 7.243    | 98    | 424961   | 16.325 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 65.320% |          |
| 43) trans-1,3-Dichloroprop... | 7.554    | 79    | 52055    | 13.485 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 53.920% |          |
| 47) 2-Hexanone-d5             | 8.037    | 63    | 20700    | 12.754 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 25.500% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152   | 84    | 144250   | 16.585 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 66.320% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.557   | 152   | 139134   | 19.285 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 77.120% |          |

Target Compounds Qvalue

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

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