

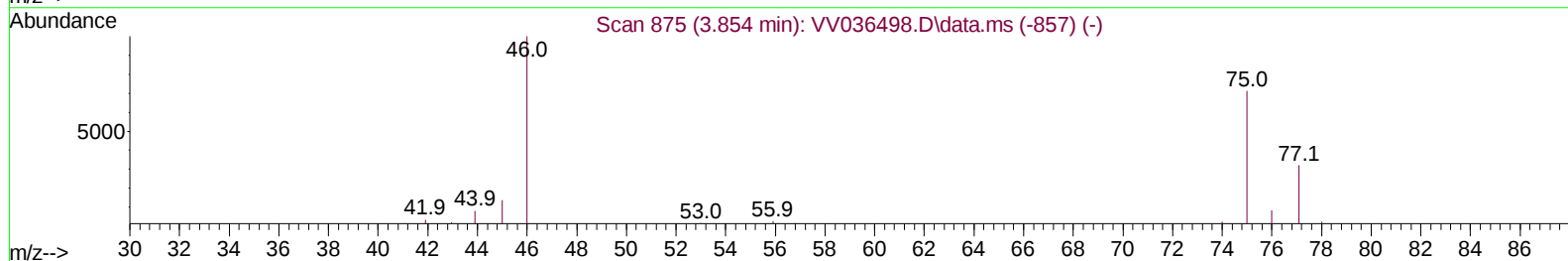
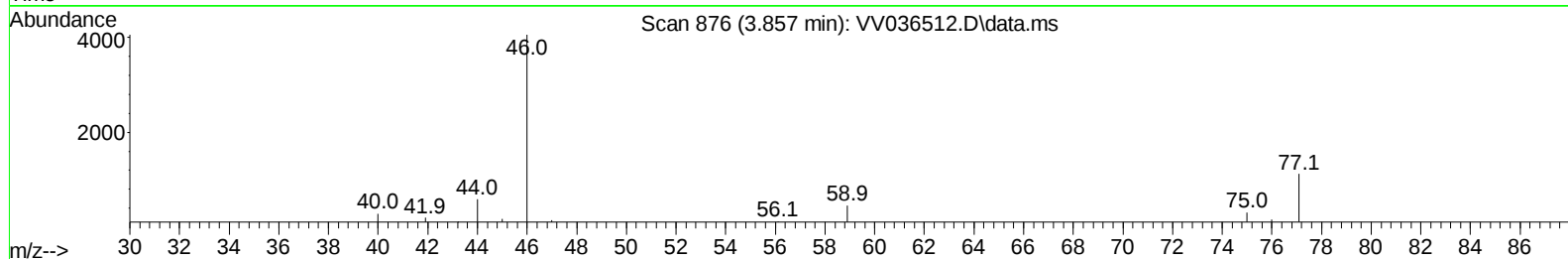
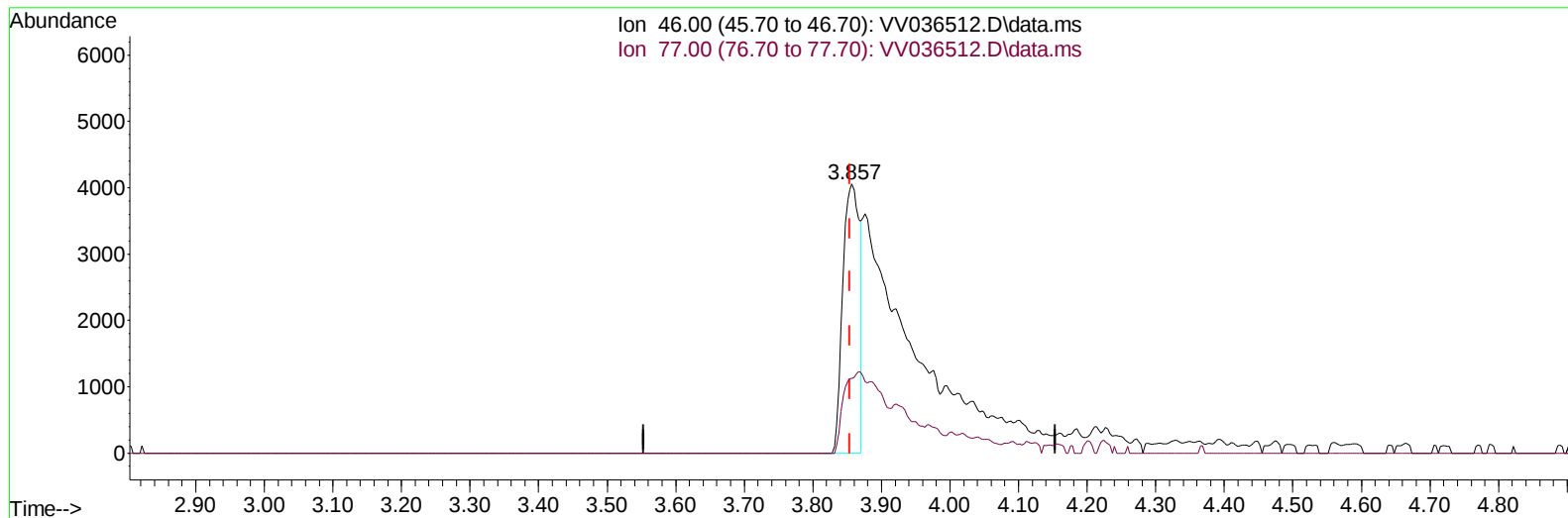
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036512.D  
Acq On : 12 Jul 2024 16:58  
Operator : SY/MD  
Sample : P3215-14  
Misc : 5.17g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:11:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jul 13 04:06:53 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/16/2024  
Supervised By :Semsettin Yesilyurt 07/16/2024



TIC: VV036512.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.003) 8.38 ug/L

response 6988

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 39.61# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

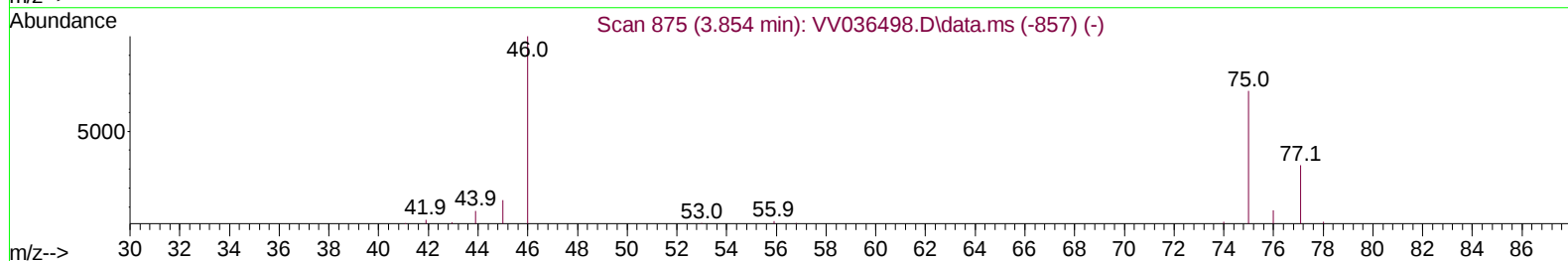
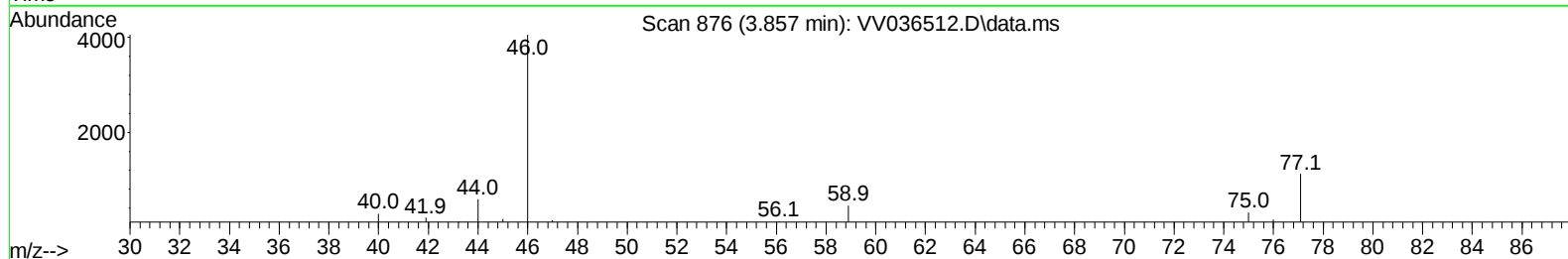
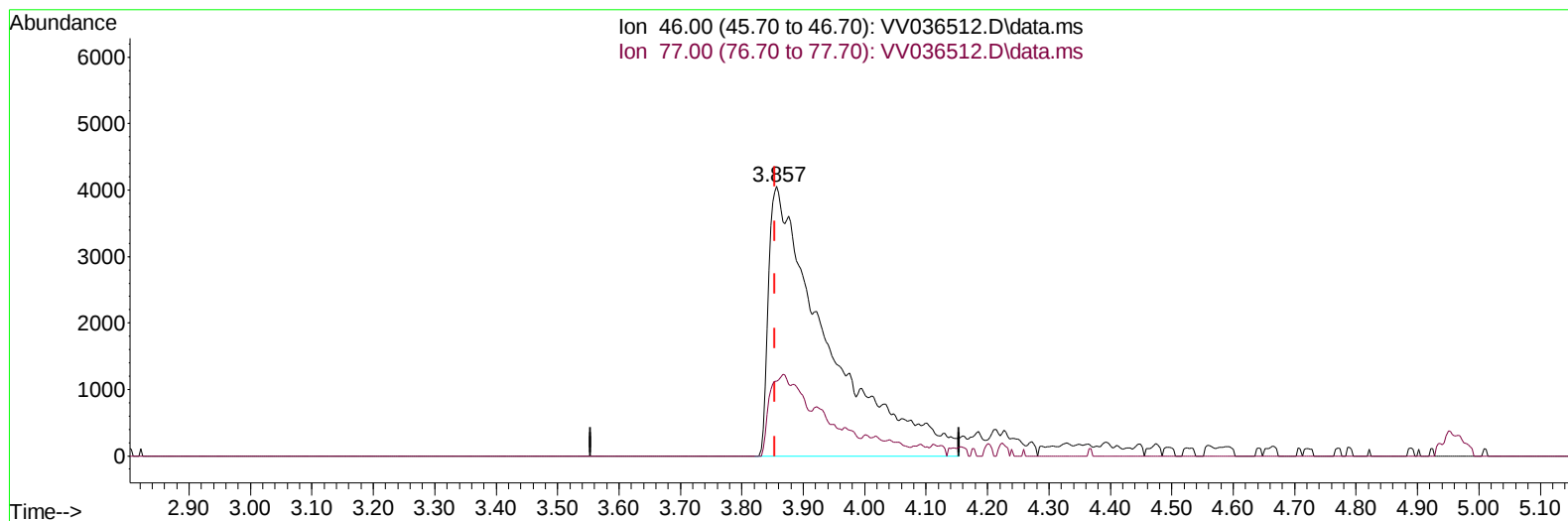
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TIC: VV036512.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.003) 32.20 ug/L m

response 26851

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 10.31  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:11:22 2024  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 13 04:06:53 2024  
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| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|-----------|----------|
| -----                         |          |       |     |          |        |           |          |
| Internal Standards            |          |       |     |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   |     | 340074   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 215379   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   |     | 40558    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    |     | 128629   | 26.401 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 105.600%  |          |
| 7) Chloroethane-d5            | 1.529    | 69    |     | 113065   | 26.543 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 106.160%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    |     | 58342    | 23.319 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 93.280%   |          |
| 21) 2-Butanone-d5             | 3.857    | 46    |     | 26851m   | 32.199 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 64.400%   |          |
| 24) Chloroform-d              | 4.243    | 84    |     | 216533   | 21.875 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 87.480%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    |     | 105836   | 21.557 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 86.240%   |          |
| 32) Benzene-d6                | 4.957    | 84    |     | 382585   | 35.606 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 142.440%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    |     | 120003   | 37.474 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 149.880%# |          |
| 41) Toluene-d8                | 7.243    | 98    |     | 263494   | 26.577 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 106.320%  |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    |     | 23543    | 17.683 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 70.720%   |          |
| 47) 2-Hexanone-d5             | 8.040    | 63    |     | 6423     | 18.059 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 36.120%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    |     | 63793    | 23.654 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 94.600%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561   | 152   |     | 30151    | 21.906 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 87.640%   |          |

Target Compounds Qvalue

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

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