

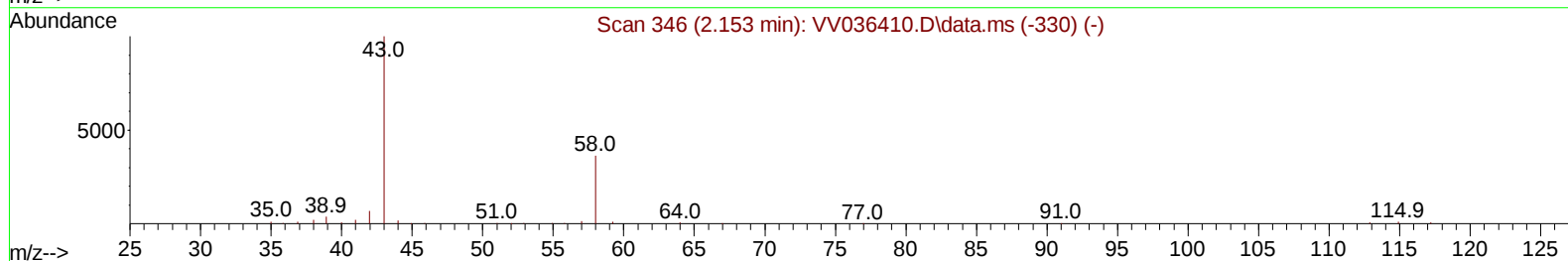
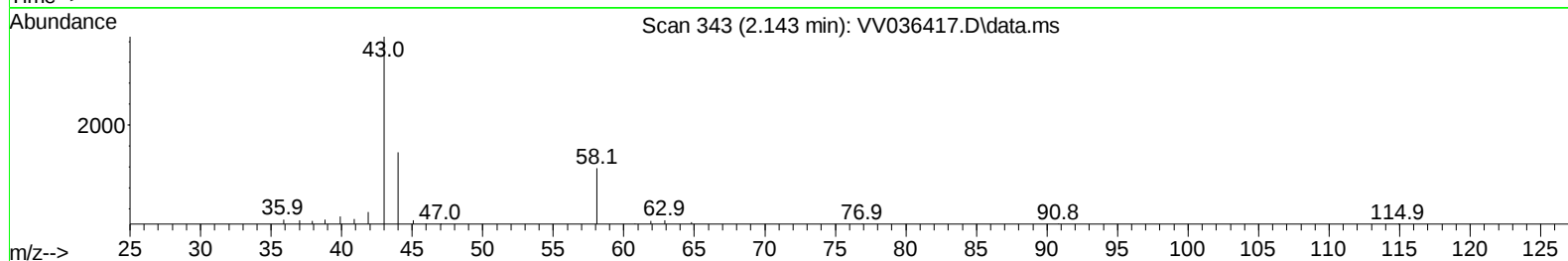
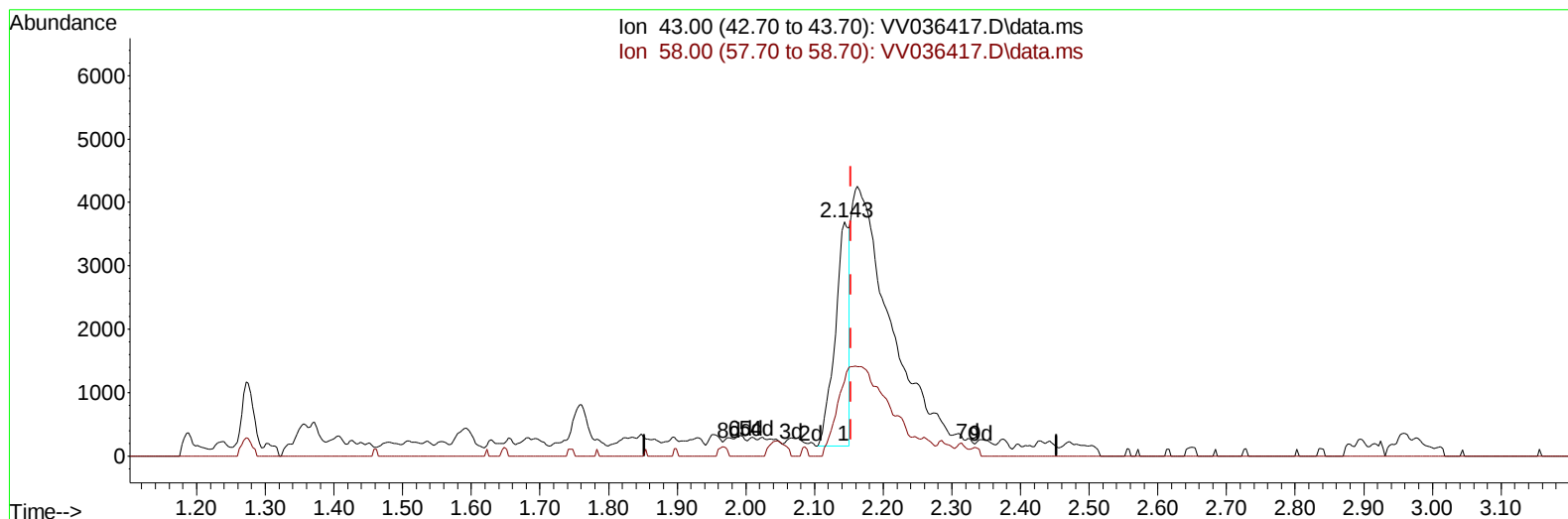
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036417.D  
 Acq On : 02 Jul 2024 13:28  
 Operator : SY/MD  
 Sample : P3087-15  
 Misc : 5.82g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:11:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 03 05:08:41 2024  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/05/2024  
 Supervised By :Semsettin Yesilyurt 07/05/2024



TIC: VV036417.D\data.ms

(13) Acetone (T)

2.143min (-0.010) 1.70 ug/L

response 4935

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.30   | 92.64# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

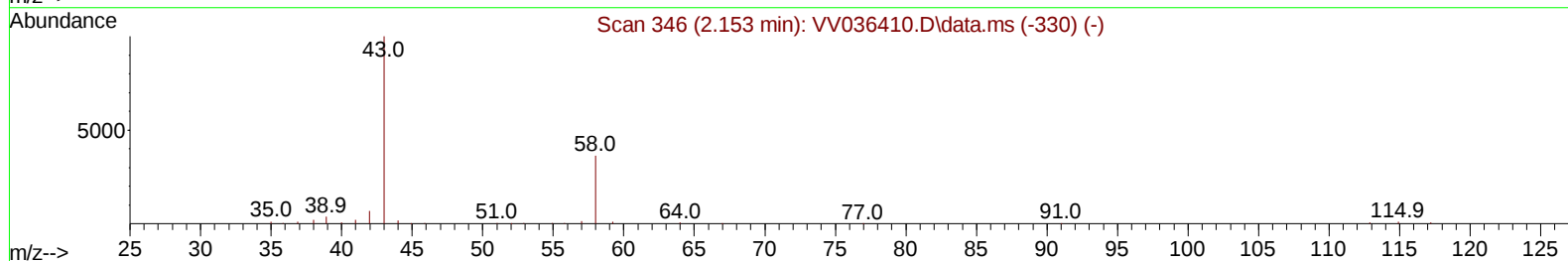
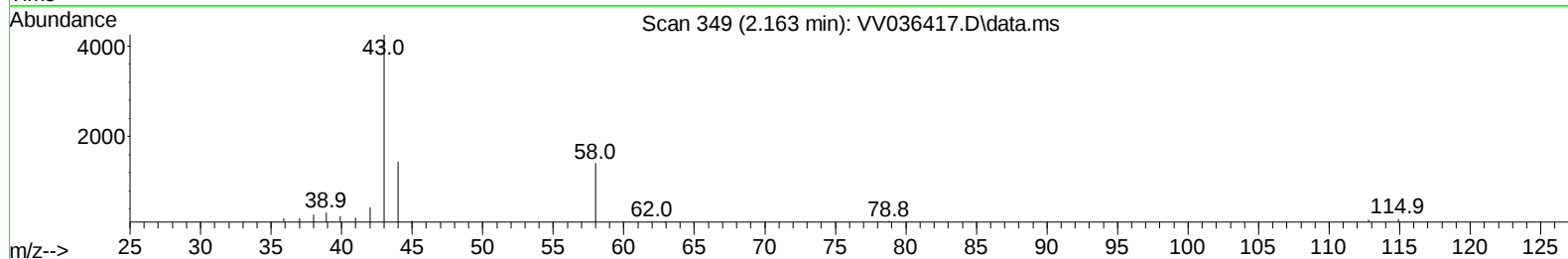
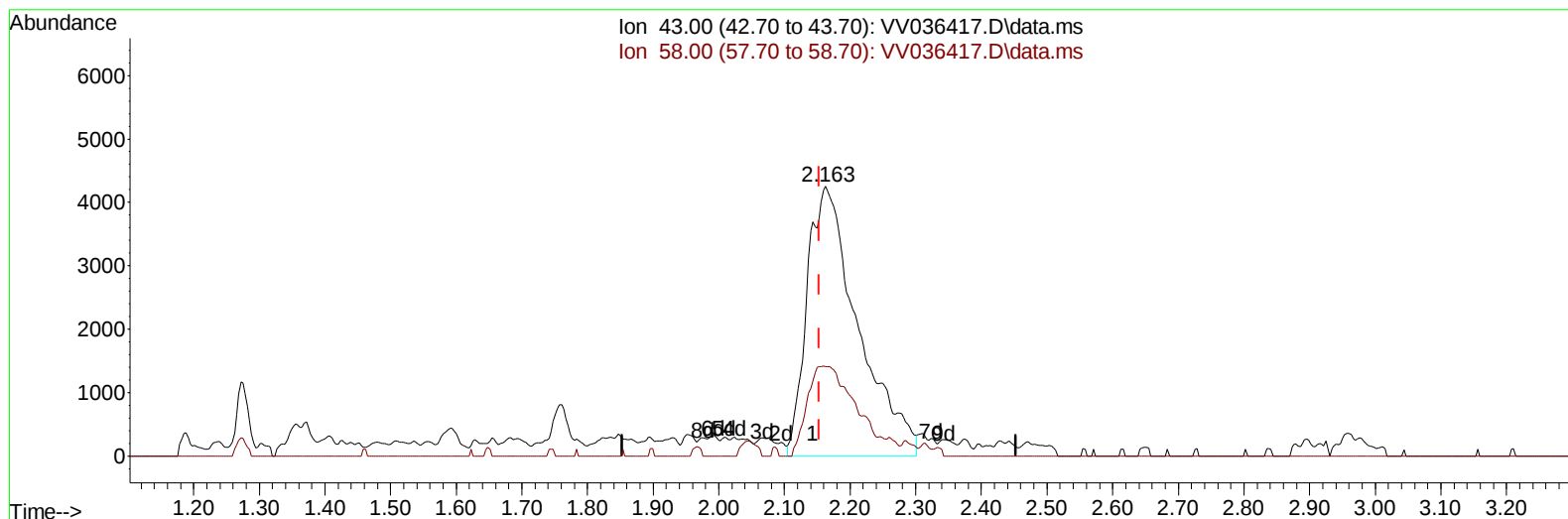
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A4BR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:11:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
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Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/05/2024  
Supervised By :Semsettin Yesilyurt 07/05/2024



TIC: VV036417.D\data.ms

(13) Acetone (T)

2.163min (+ 0.010) 7.87 ug/L m

response 22838

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.30   | 20.02# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

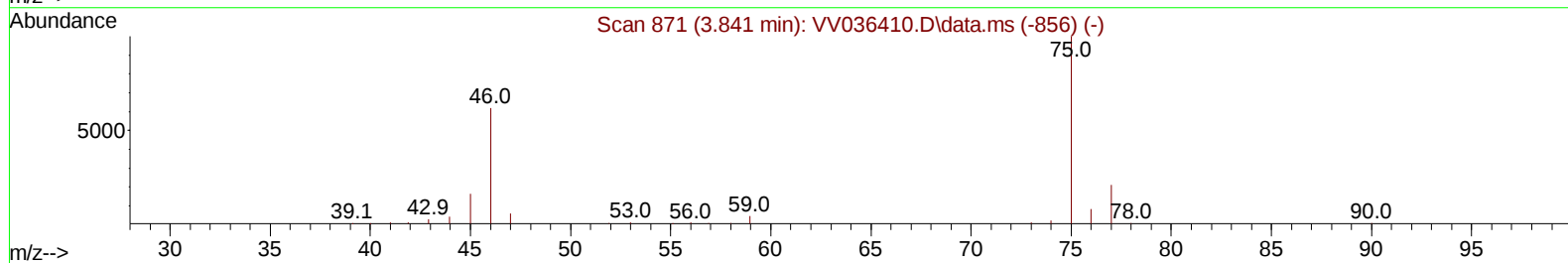
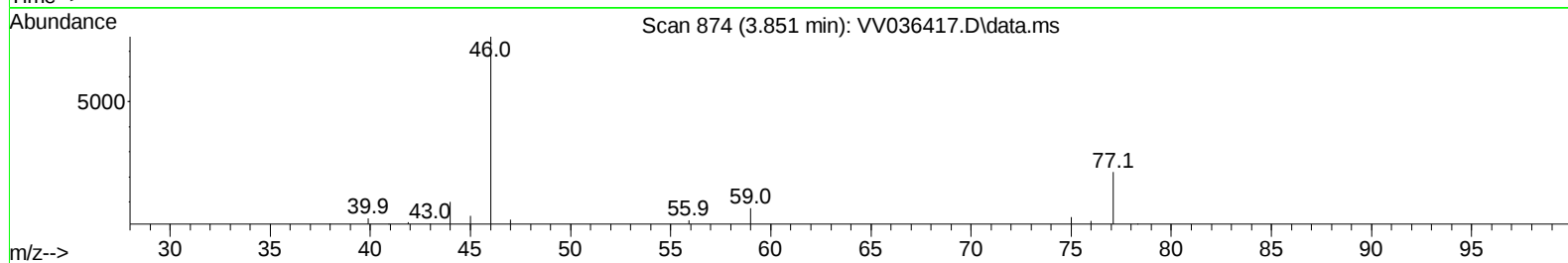
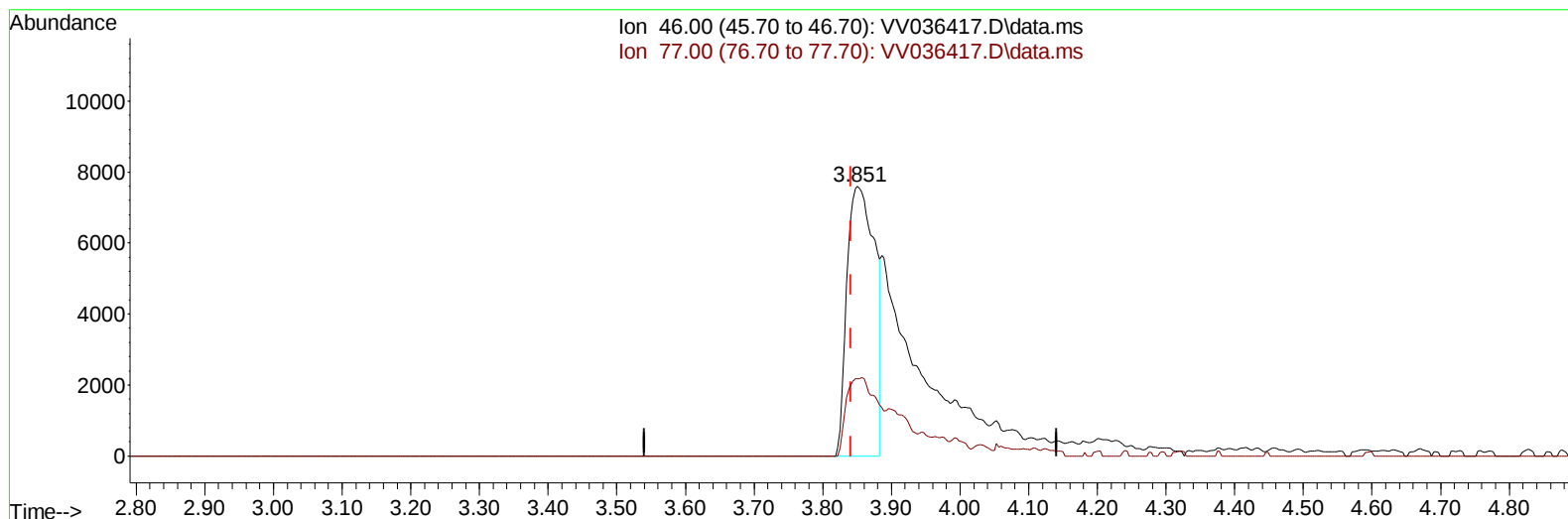
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
Data File : VV036417.D  
Acq On : 02 Jul 2024 13:28  
Operator : SY/MD  
Sample : P3087-15  
Misc : 5.82g/10.0mL/MSVOA\_V/SOIL/B  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:11:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
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TIC: VV036417.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (+ 0.010) 9.99 ug/L

response 21455

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 34.00  | 14.62# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

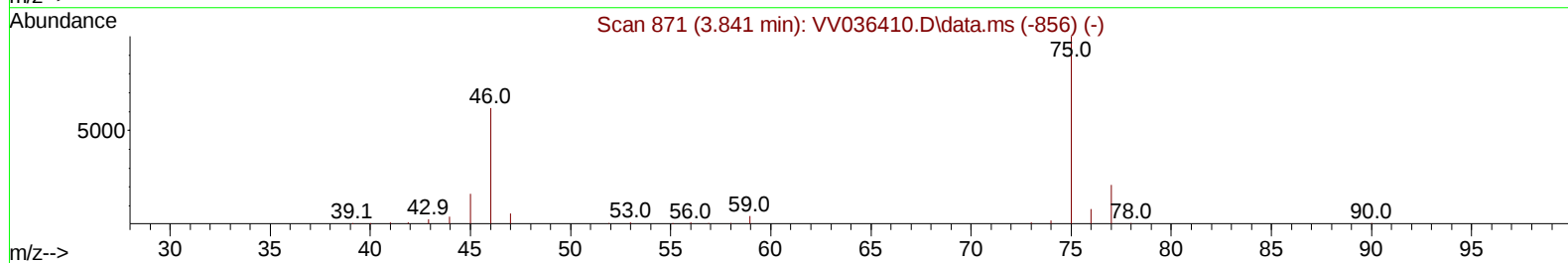
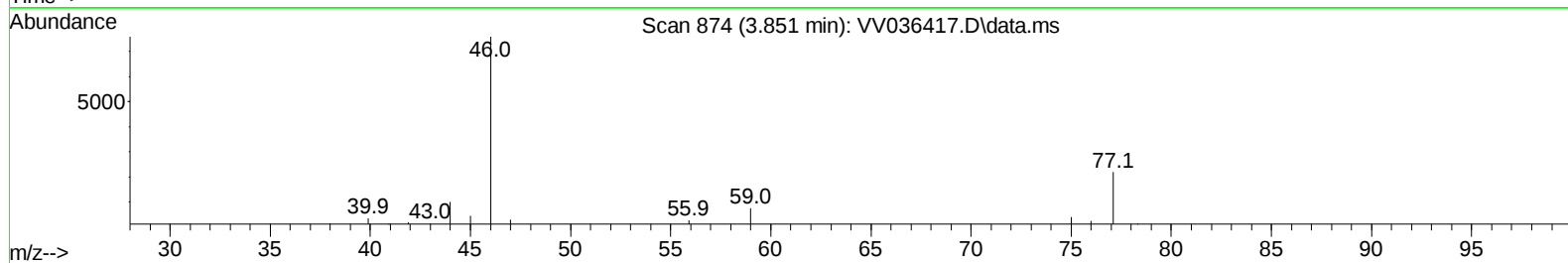
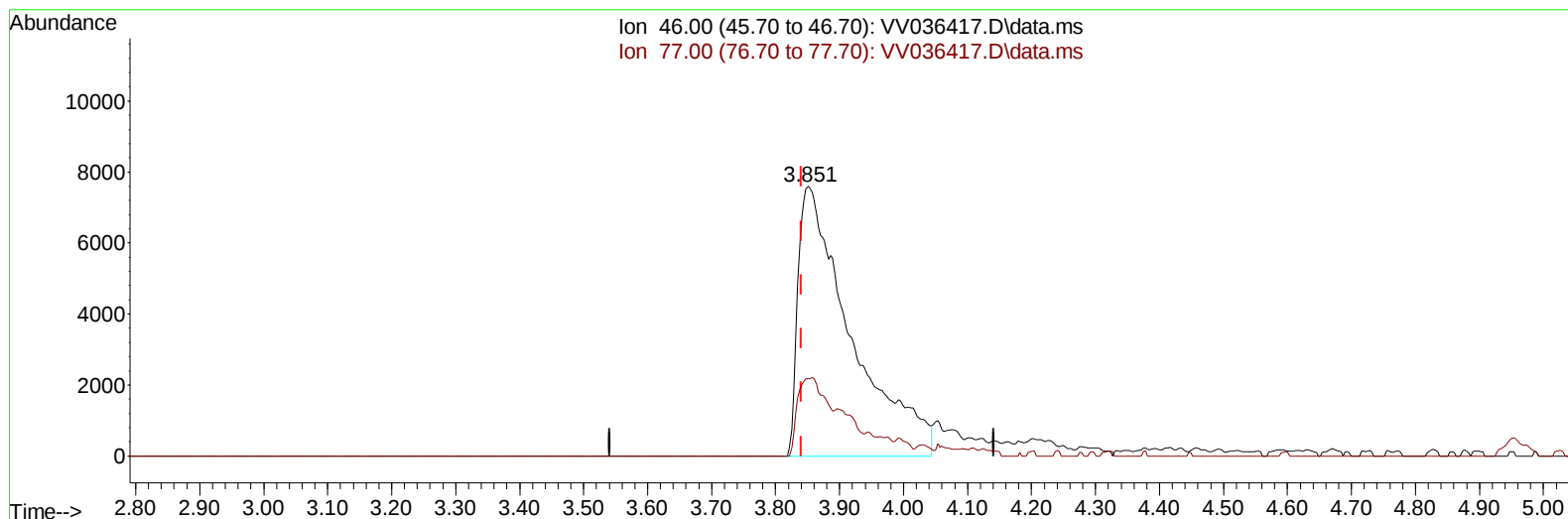
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Misc : 5.82g/10.0mL/MSVOA\_V/SOIL/B  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:11:33 2024  
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Quant Title : VOC Analysis  
QLast Update : Wed Jul 03 05:08:41 2024  
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Reviewed By :Mahesh Dadoda 07/05/2024  
Supervised By :Semsettin Yesilyurt 07/05/2024



TIC: VV036417.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (+ 0.010) 20.27 ug/L m

response 43526

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 34.00  | 7.20#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036417.D  
 Acq On : 02 Jul 2024 13:28  
 Operator : SY/MD  
 Sample : P3087-15  
 Misc : 5.82g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:11:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
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Reviewed By :Mahesh Dadoda 07/05/2024  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529    | 114   |     | 544894     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 448330     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182   | 152   |     | 123467     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    |     | 162144     | 17.522   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 70.080%  |       |          |
| 7) Chloroethane-d5            | 1.526    | 69    |     | 132046     | 17.865   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 71.440%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    |     | 71789      | 16.502   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 66.000%  |       |          |
| 21) 2-Butanone-d5             | 3.851    | 46    |     | 43526m     | 20.266   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 40.540%  |       |          |
| 24) Chloroform-d              | 4.243    | 84    |     | 265838     | 16.528   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 66.120%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    |     | 136622     | 15.928   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 63.720%# |       |          |
| 32) Benzene-d6                | 4.953    | 84    |     | 522424     | 20.642   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 82.560%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    |     | 156722     | 20.587   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 82.360%  |       |          |
| 41) Toluene-d8                | 7.240    | 98    |     | 411877     | 18.050   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 72.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551    | 79    |     | 52536      | 15.454   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 61.800%  |       |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    |     | 28020      | 23.059   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 46.120%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    |     | 91249      | 14.623   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 58.480%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   |     | 78181      | 17.376   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 69.520%# |       |          |
| Target Compounds              |          |       |     |            |          |       |          |
| 13) Acetone                   | 2.163    | 43    |     | 22838m     | 7.871    | ug/L  |          |
| 14) Carbon disulfide          | 2.233    | 76    |     | 17640      | 0.651    | ug/L  | 98       |
| -----                         |          |       |     |            |          |       |          |

Qvalue

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

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