

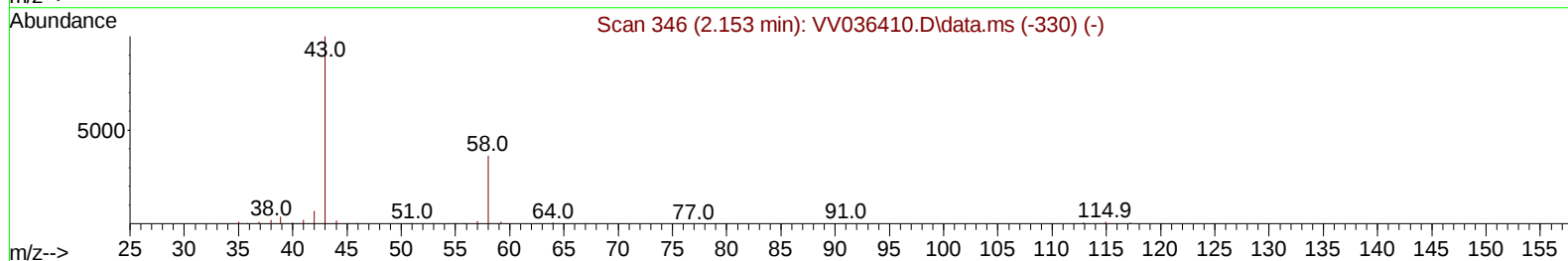
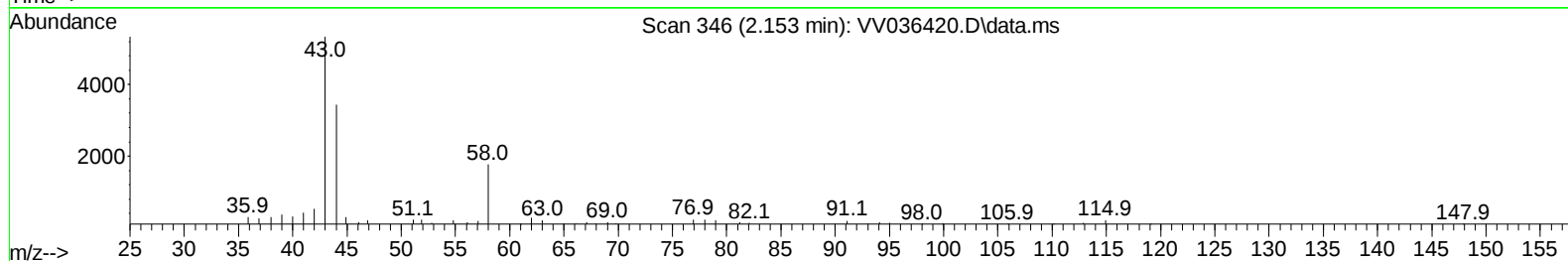
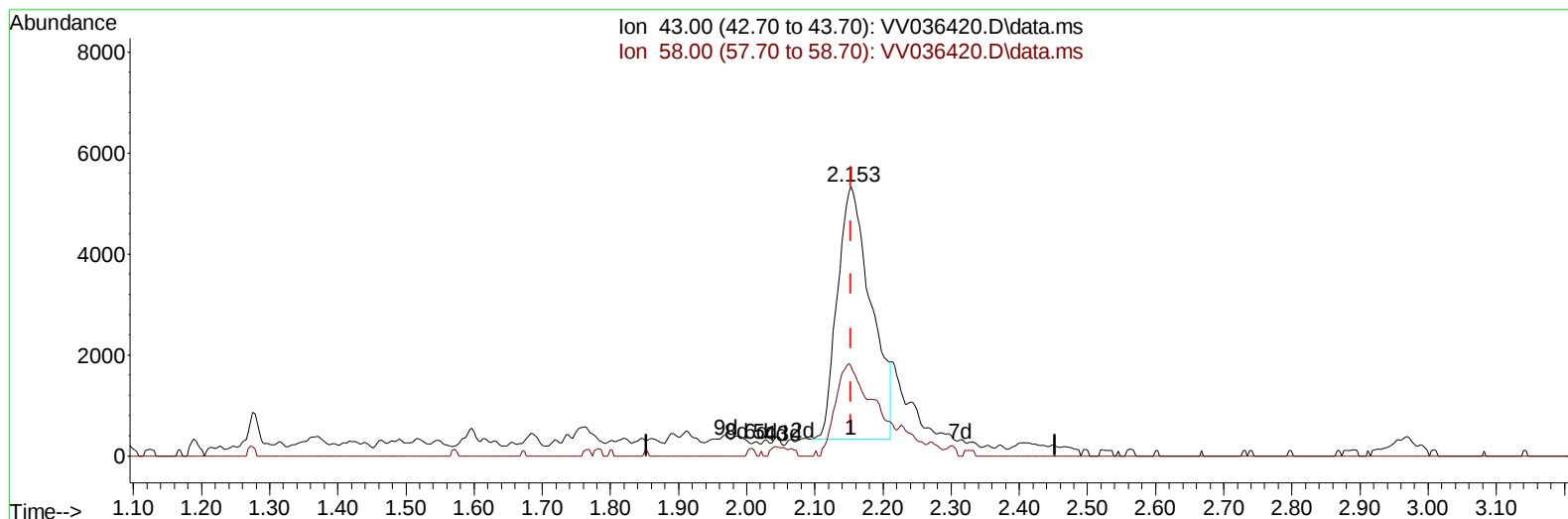
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036420.D  
 Acq On : 02 Jul 2024 14:37  
 Operator : SY/MD  
 Sample : P3087-18 RE  
 Misc : 5.38g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BR3RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 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: VV036420.D\data.ms

(13) Acetone (T)

2.153min (-0.000) 7.76 ug/L

response 17153

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.30   | 29.28# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

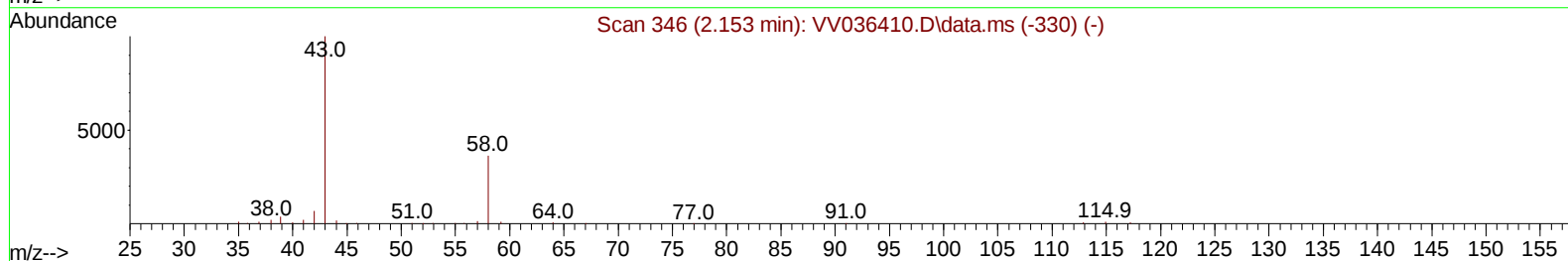
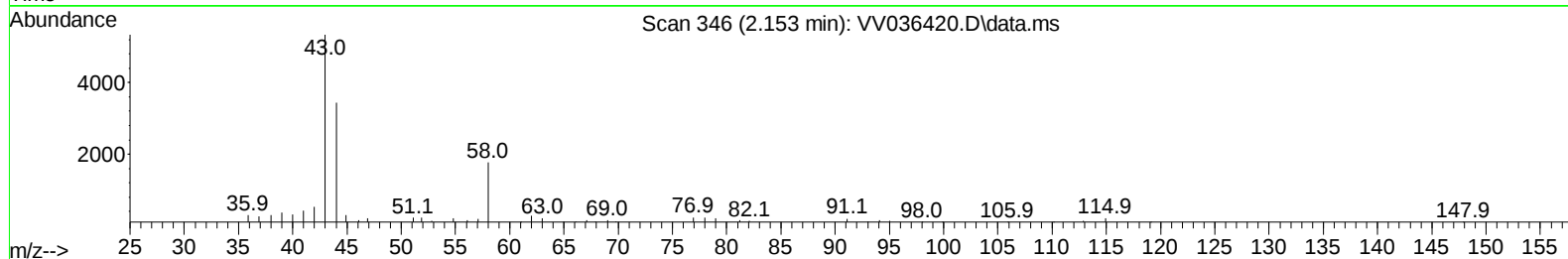
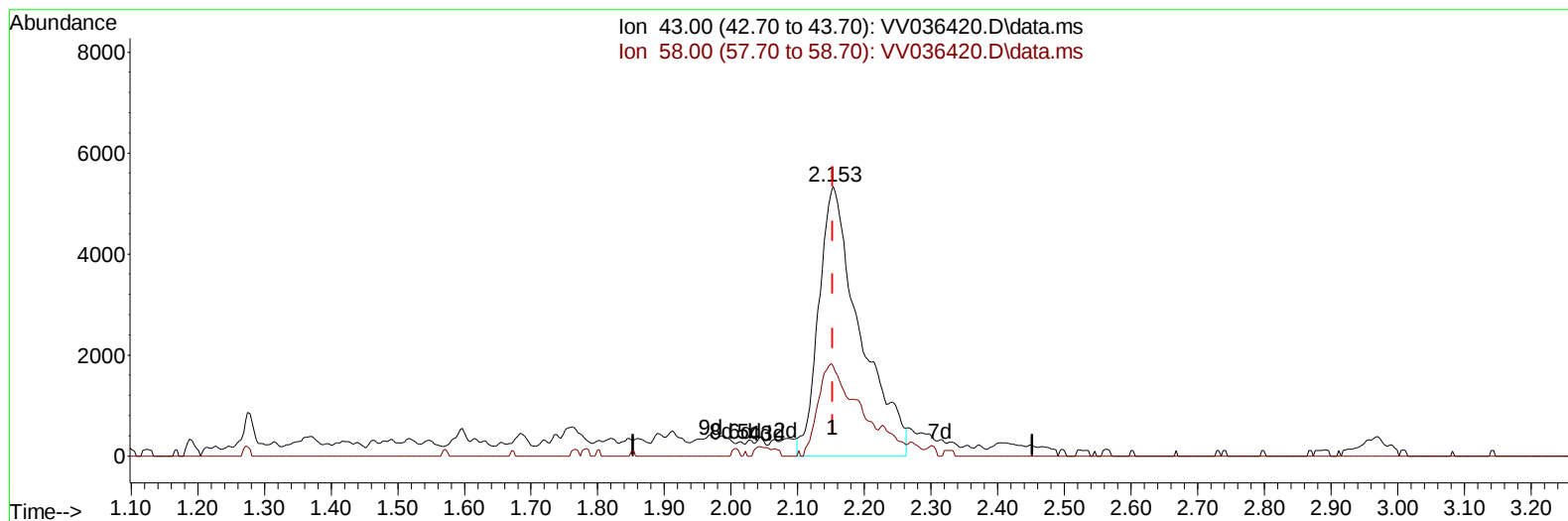
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Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
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TIC: VV036420.D\data.ms

(13) Acetone (T)

2.153min (-0.000) 10.33 ug/L m

response 22820

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.30   | 22.01# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

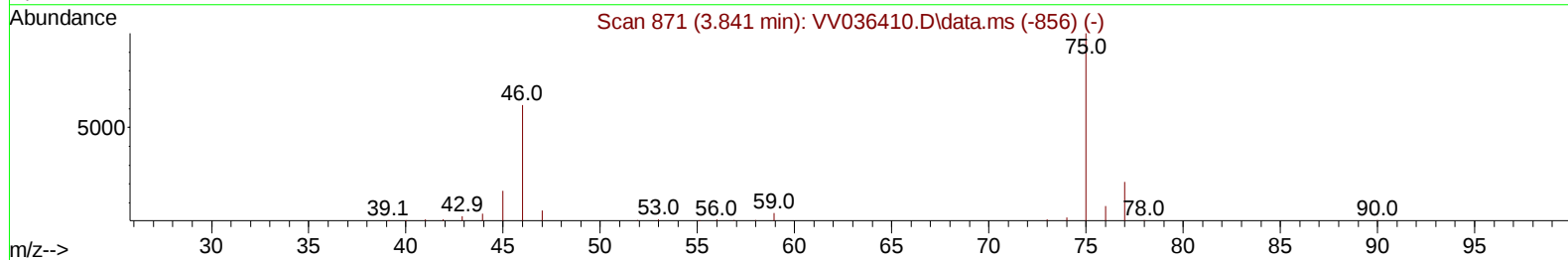
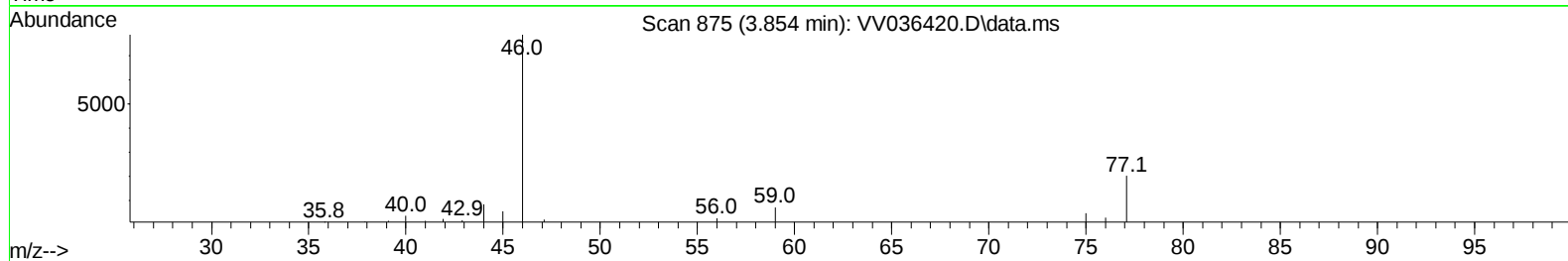
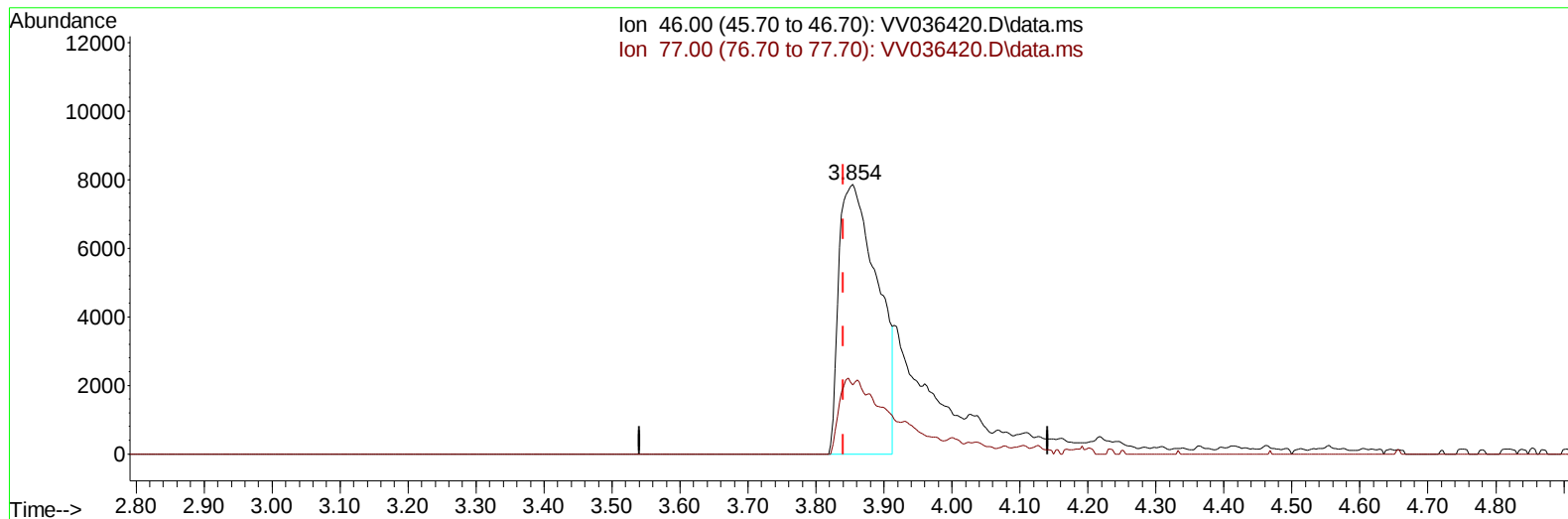
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Data File : VV036420.D  
Acq On : 02 Jul 2024 14:37  
Operator : SY/MD  
Sample : P3087-18 RE  
Misc : 5.38g/10.0mL/MSVOA\_V/SOIL/B  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BR3RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
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TIC: VV036420.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.013) 18.90 ug/L

response 30904

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 34.00  | 9.88#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

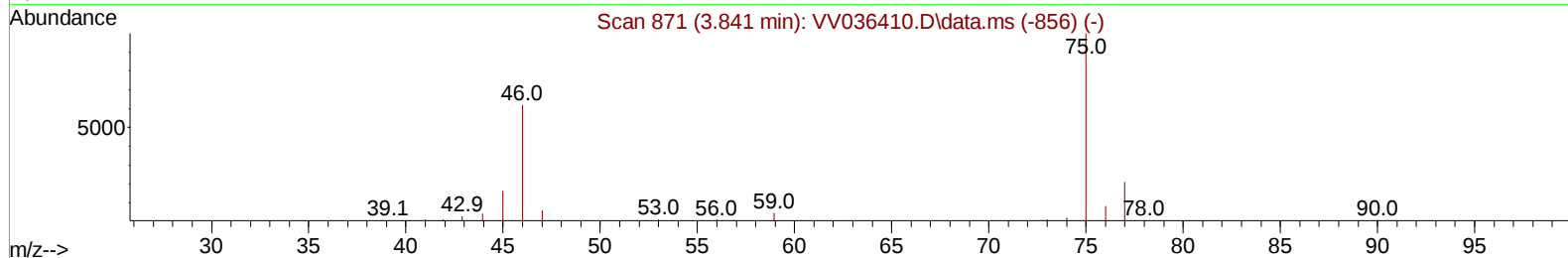
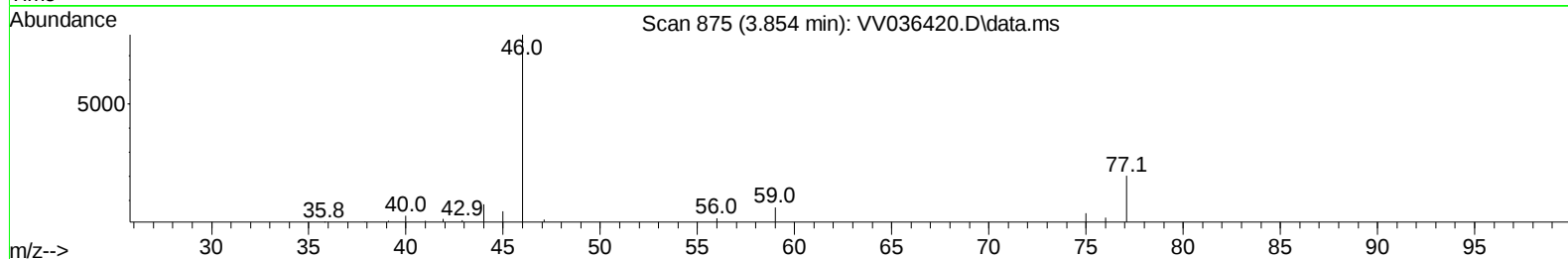
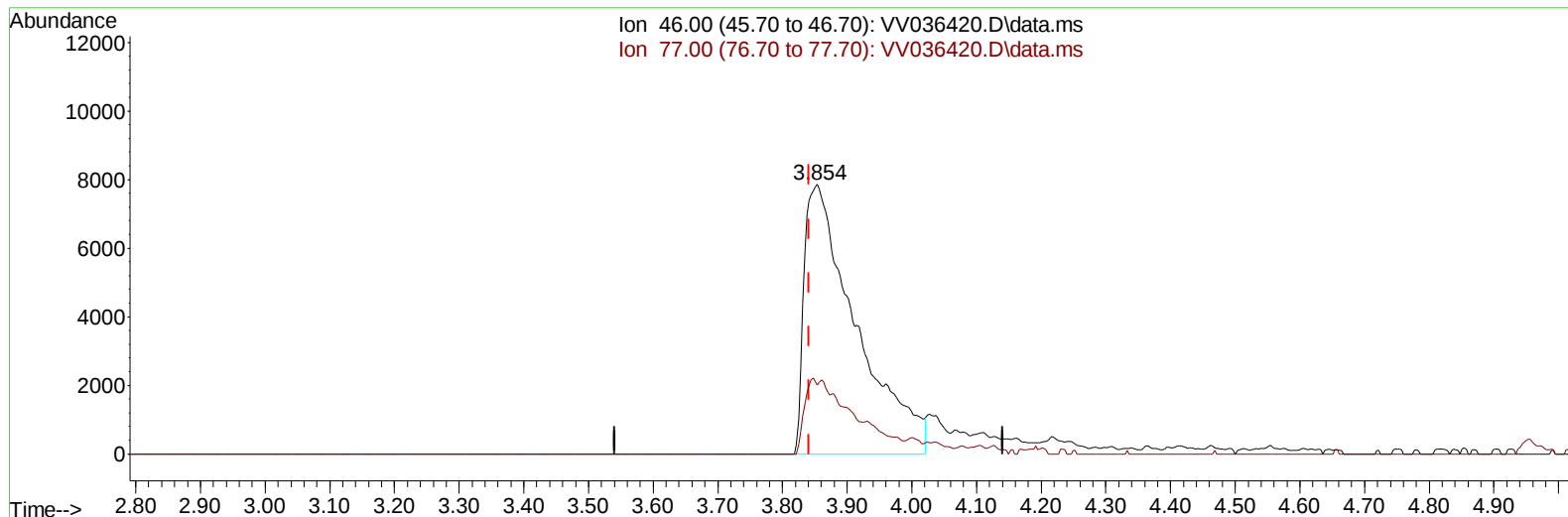
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Acq On : 02 Jul 2024 14:37  
Operator : SY/MD  
Sample : P3087-18 RE  
Misc : 5.38g/10.0mL/MSVOA\_V/SOIL/B  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BR3RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
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: VV036420.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.013) 26.64 ug/L m

response 43566

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 34.00  | 7.01#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036420.D  
 Acq On : 02 Jul 2024 14:37  
 Operator : SY/MD  
 Sample : P3087-18 RE  
 Misc : 5.38g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BR3RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   |     | 414887     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 298766     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   |     | 82792      | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    |     | 133568     | 18.956   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 75.840%  |       |          |
| 7) Chloroethane-d5            | 1.529    | 69    |     | 109077     | 19.381   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 77.520%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    |     | 57082      | 17.233   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 68.920%  |       |          |
| 21) 2-Butanone-d5             | 3.854    | 46    |     | 43566m     | 26.641   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 53.280%  |       |          |
| 24) Chloroform-d              | 4.246    | 84    |     | 209251     | 17.087   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 68.360%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    |     | 114154     | 17.479   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 69.920%# |       |          |
| 32) Benzene-d6                | 4.957    | 84    |     | 396846     | 23.530   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 94.120%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    |     | 124433     | 24.529   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 98.120%  |       |          |
| 41) Toluene-d8                | 7.243    | 98    |     | 275851     | 18.141   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 72.560%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    |     | 41560      | 18.346   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 73.400%  |       |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    |     | 26491      | 32.714   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 65.420%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    |     | 76731      | 18.452   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 73.800%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   |     | 49431      | 16.384   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 65.520%# |       |          |
| Target Compounds              |          |       |     |            |          |       |          |
| 13) Acetone                   | 2.153    | 43    |     | 22820m     | 10.329   | ug/L  | Qvalue   |
| -----                         |          |       |     |            |          |       |          |

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

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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BR3RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:12:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
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