

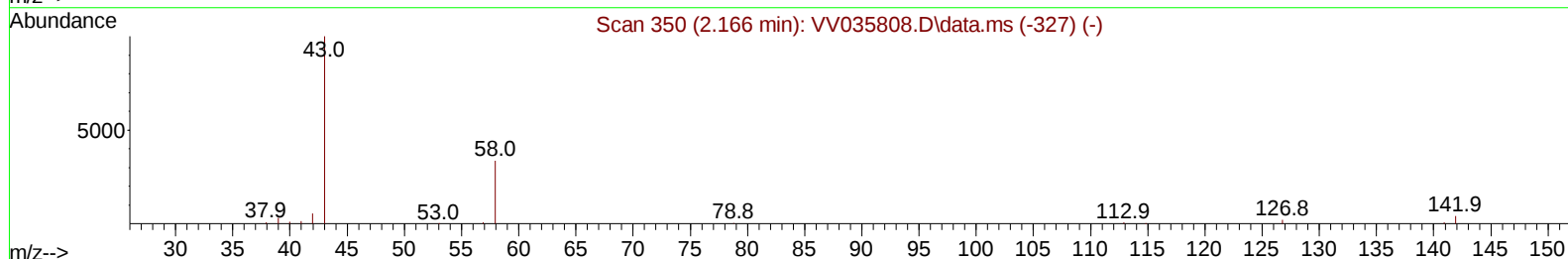
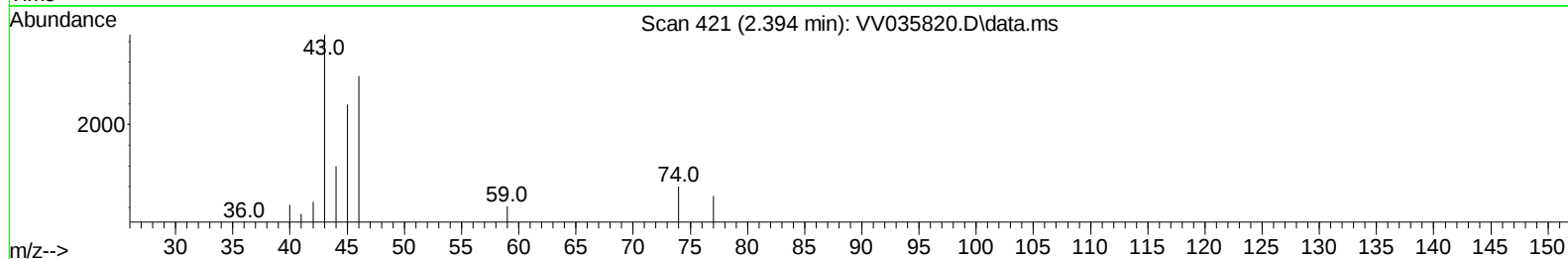
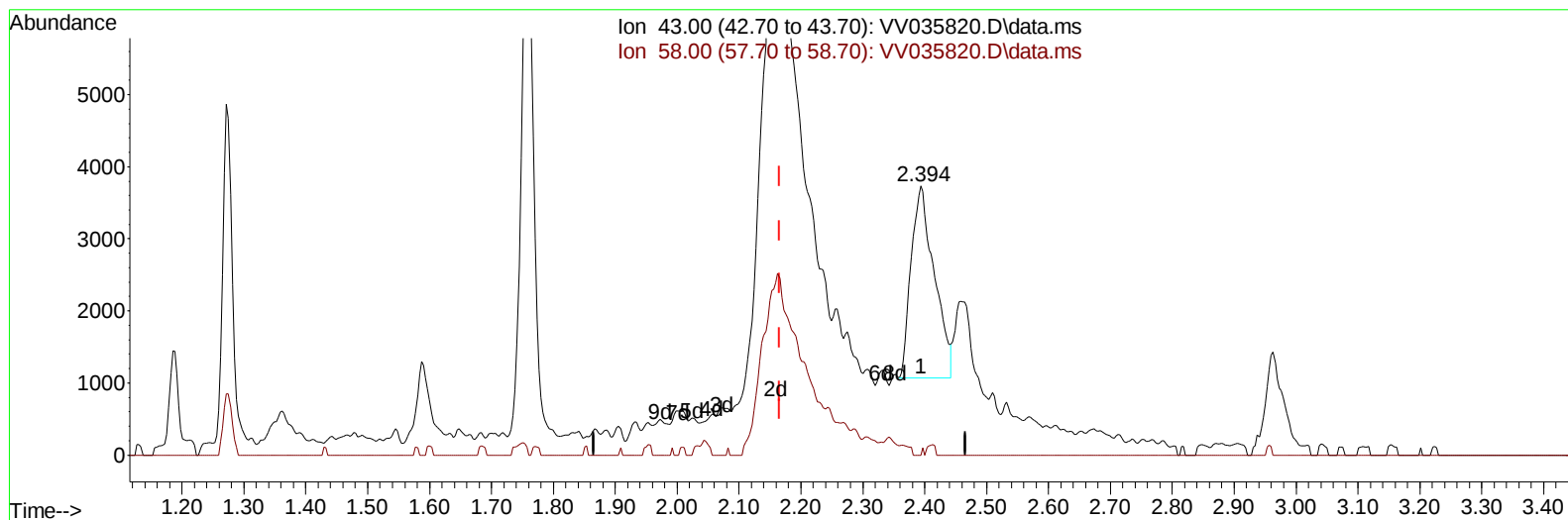
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
 Data File : VV035820.D  
 Acq On : 26 May 2024 00:30  
 Operator : SY/MD  
 Sample : P2586-14  
 Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4C28

Manual IntegrationsAPPROVED

Quant Time: May 27 05:33:53 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

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



TIC: VV035820.D\data.ms

(13) Acetone (T)

2.394min (+ 0.228) 2.17 ug/L

response 6950

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 11.40  | 0.29   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

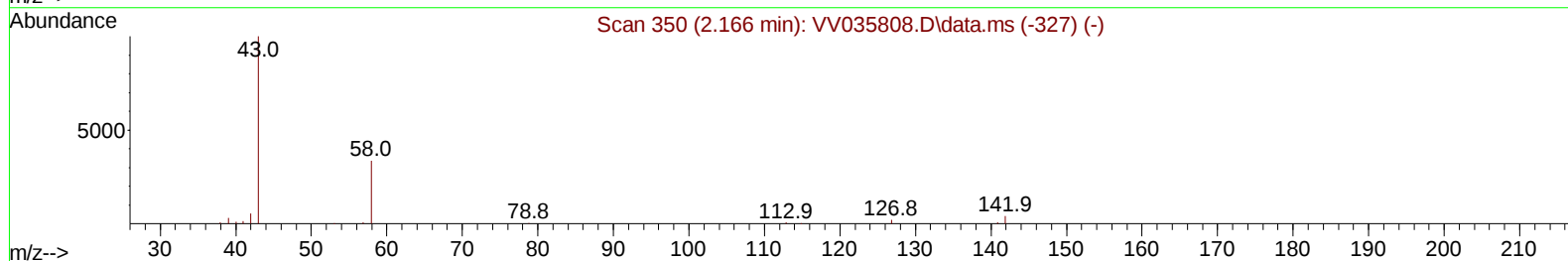
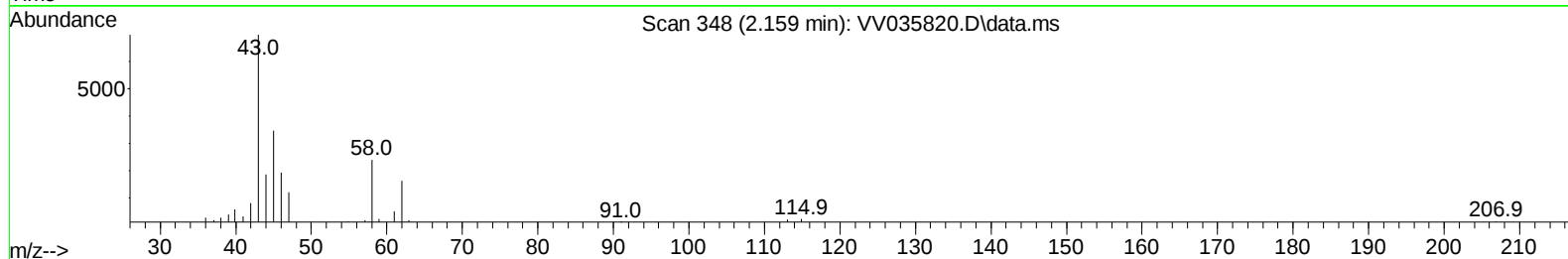
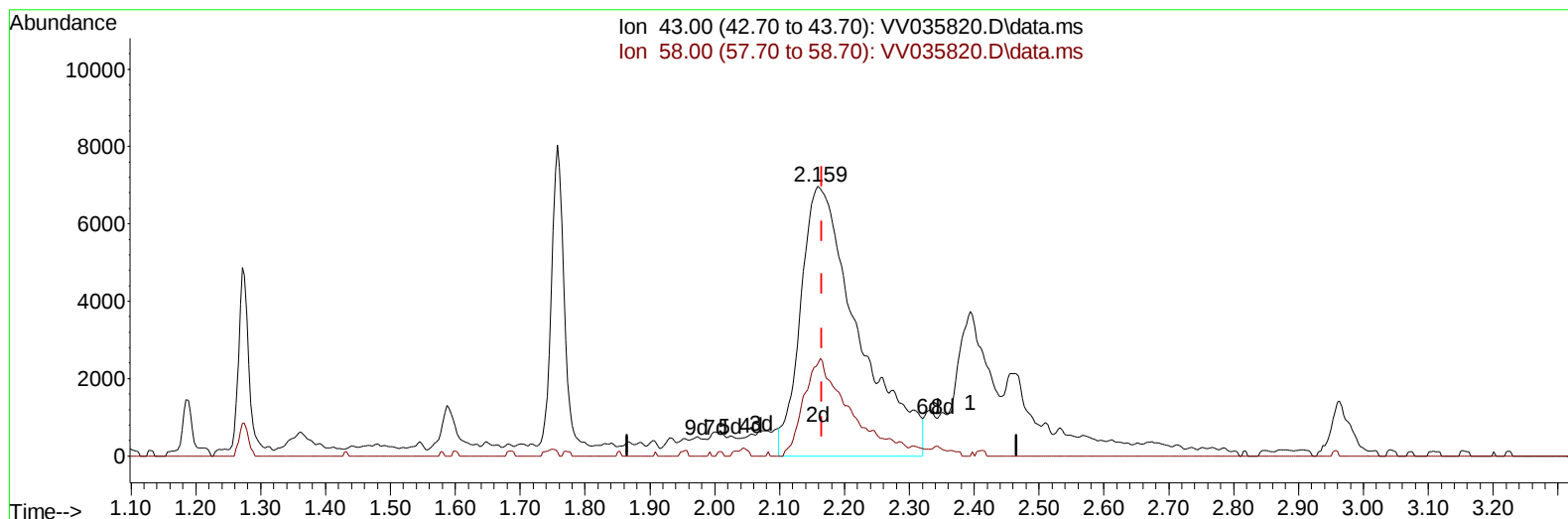
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 MSVOA\_V  
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Manual IntegrationsAPPROVED

Quant Time: May 27 05:33:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
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TIC: VV035820.D\data.ms

(13) Acetone (T)

2.159min (-0.006) 13.34 ug/L m

response 42749

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 11.40  | 0.05   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

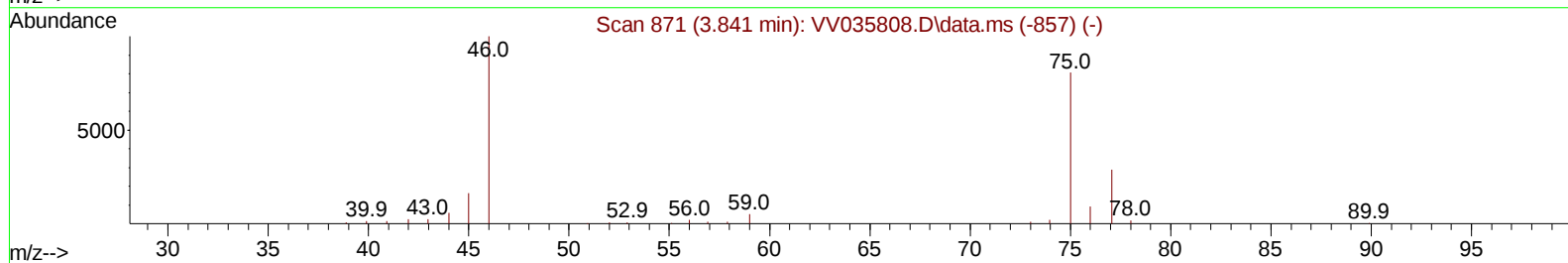
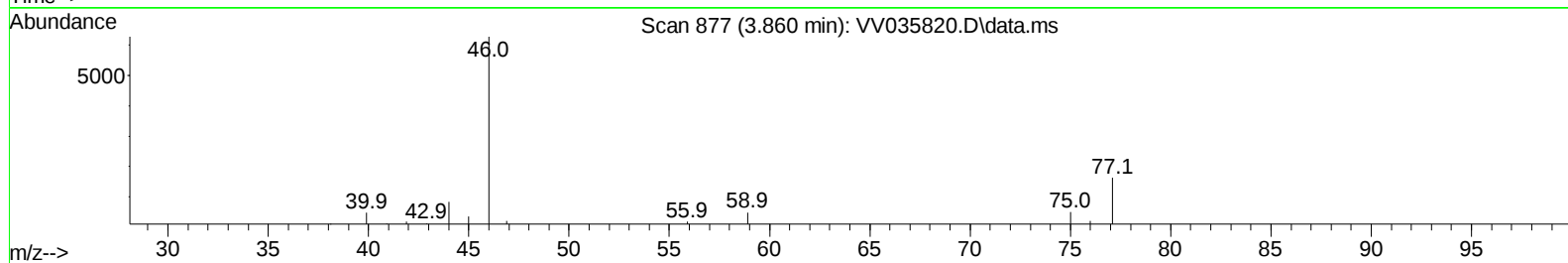
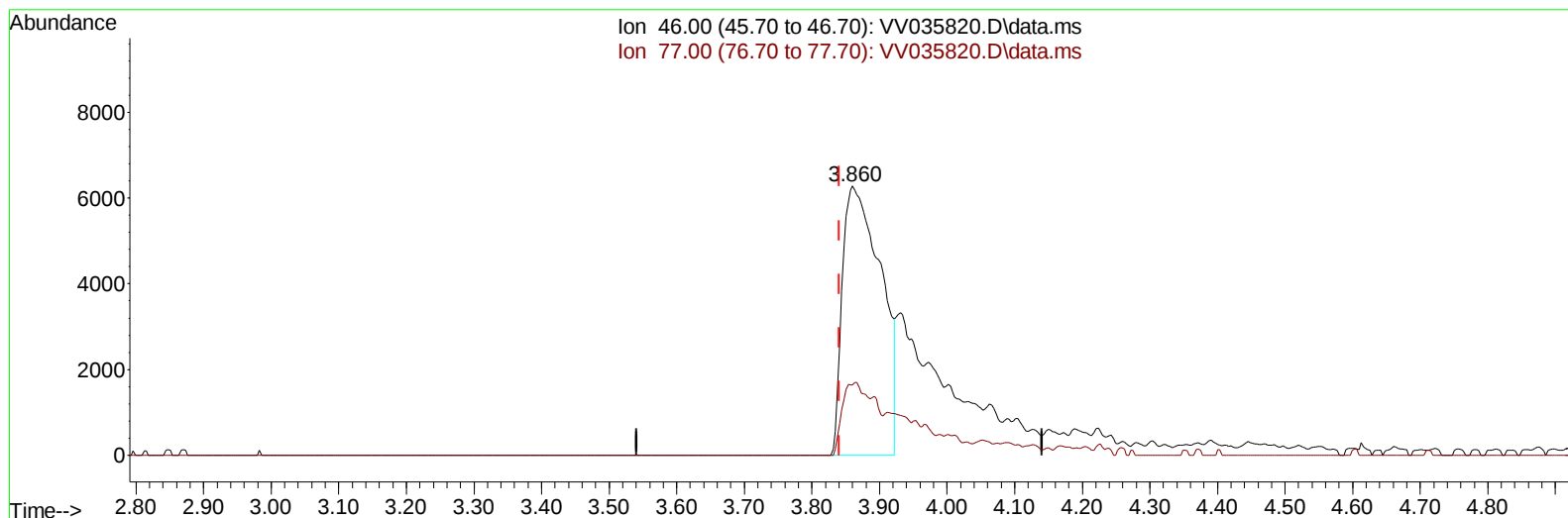
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035820.D  
Acq On : 26 May 2024 00:30  
Operator : SY/MD  
Sample : P2586-14  
Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C28

## Manual IntegrationsAPPROVED

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

Quant Time: May 27 05:33:53 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: VV035820.D\data.ms

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

3.860min (+ 0.019) 11.29 ug/L

response 24702

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 6.60#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

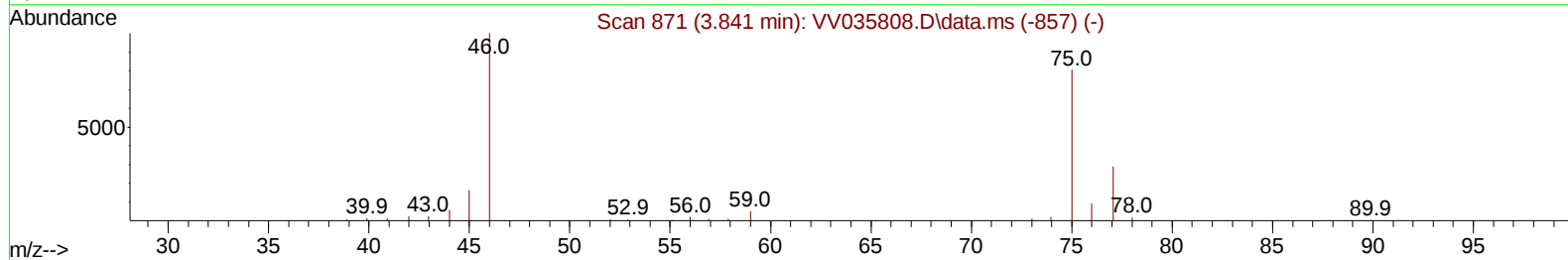
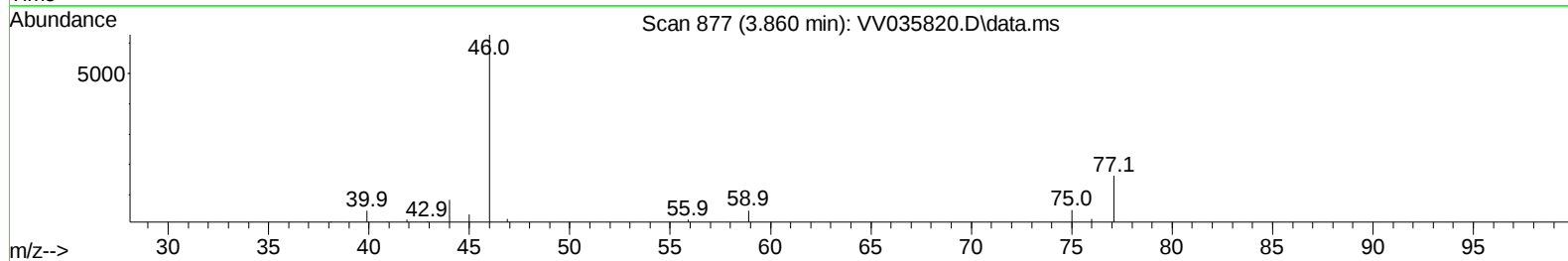
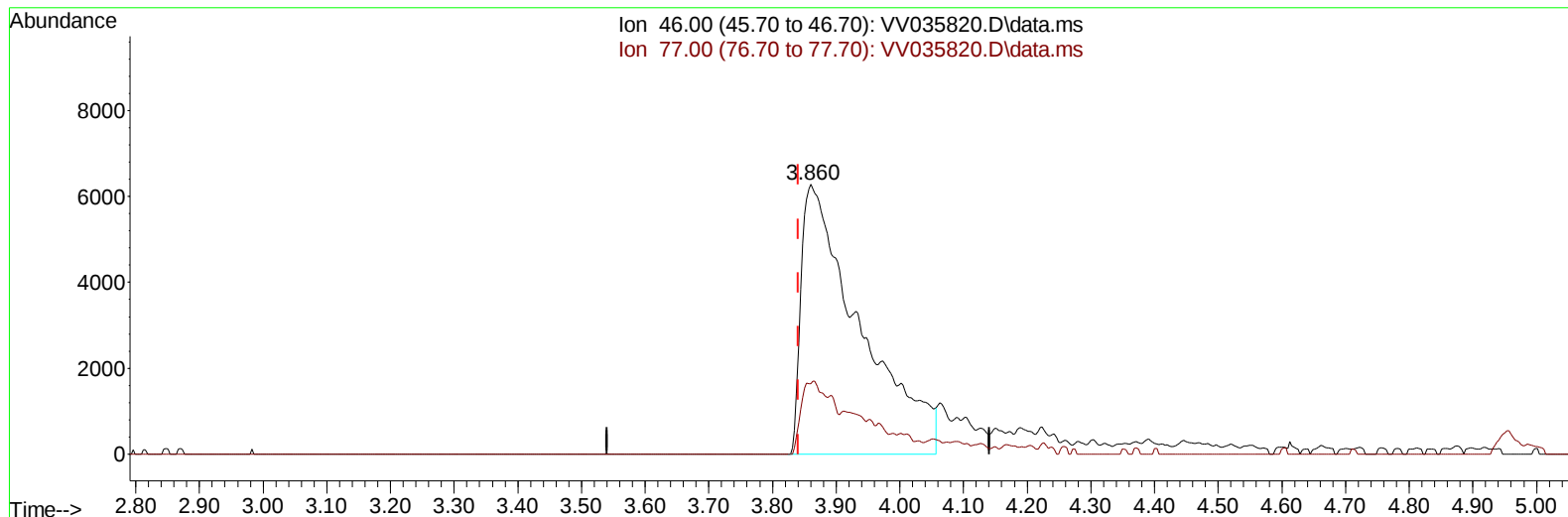
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035820.D  
Acq On : 26 May 2024 00:30  
Operator : SY/MD  
Sample : P2586-14  
Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C28

Manual IntegrationsAPPROVED

Quant Time: May 27 05:33:53 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

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



TIC: VV035820.D\data.ms

(21) 2-Butanone-d5 (S)

3.860min (+ 0.019) 18.32 ug/L m

response 40090

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 4.07#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

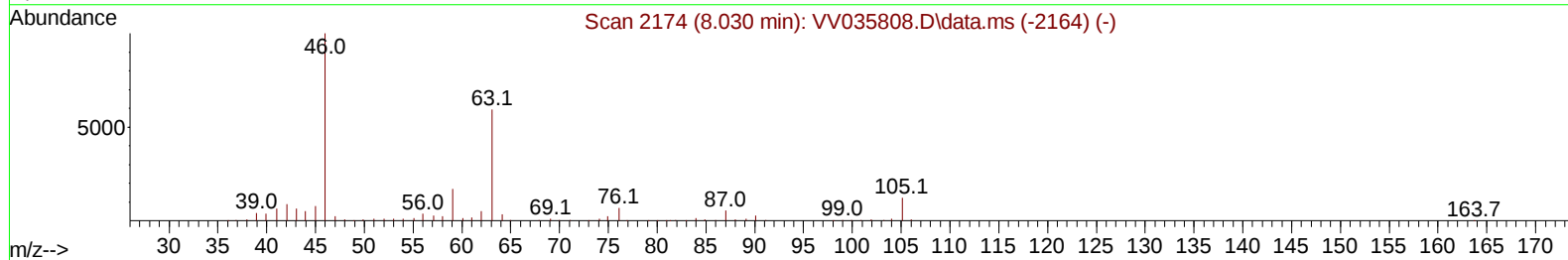
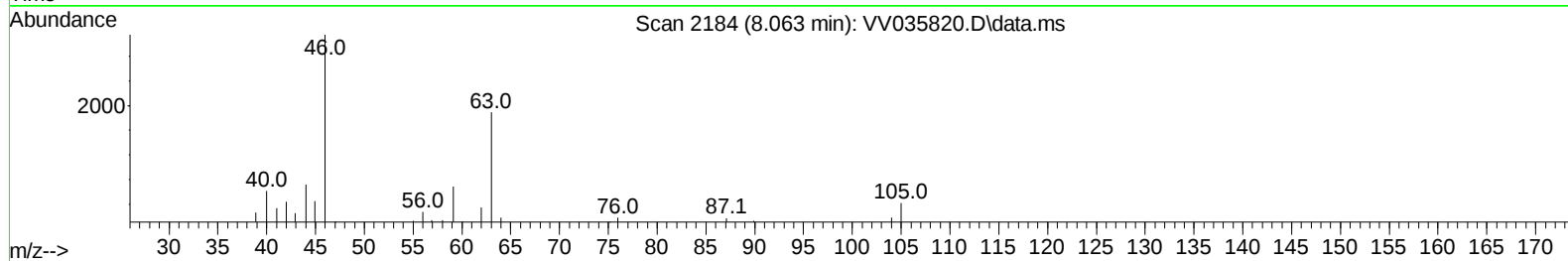
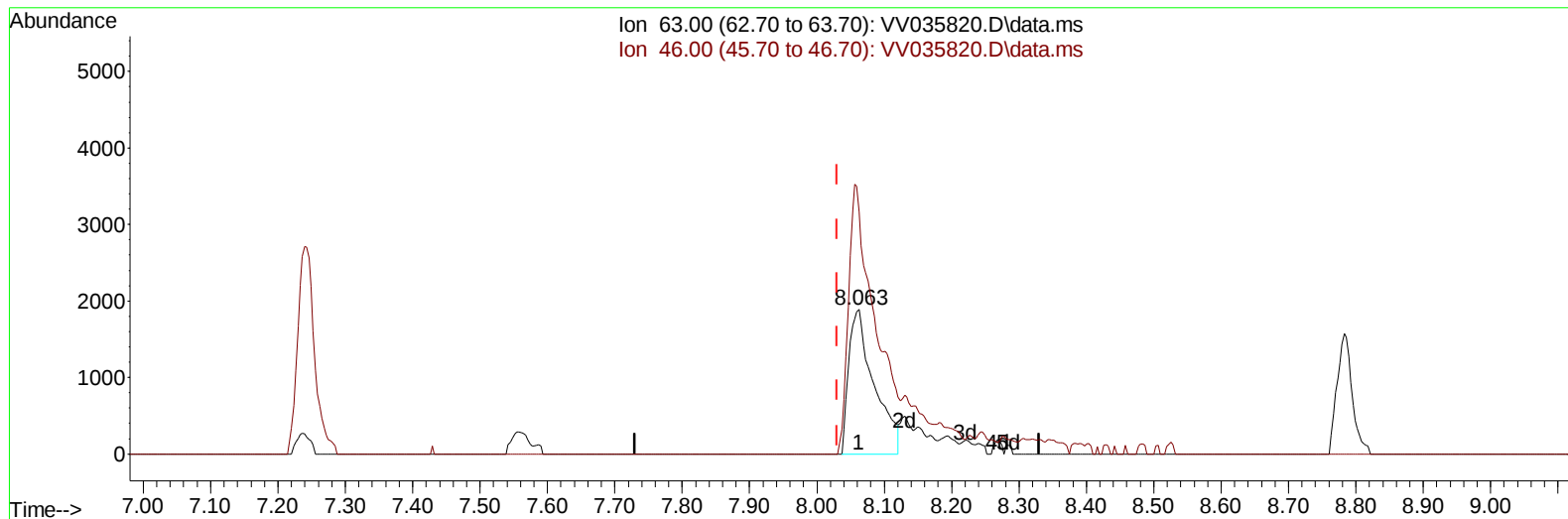
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035820.D  
Acq On : 26 May 2024 00:30  
Operator : SY/MD  
Sample : P2586-14  
Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C28

## Manual IntegrationsAPPROVED

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

Quant Time: May 27 05:33:53 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: VV035820.D\data.ms

## (47) 2-Hexanone-d5 (S)

8.063min (+ 0.032) 3.87 ug/L

response 4920

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 161.70 | 163.58 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

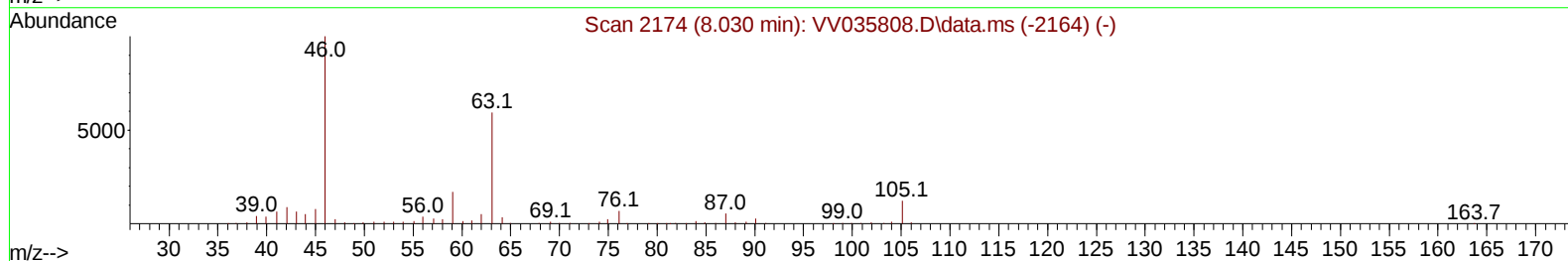
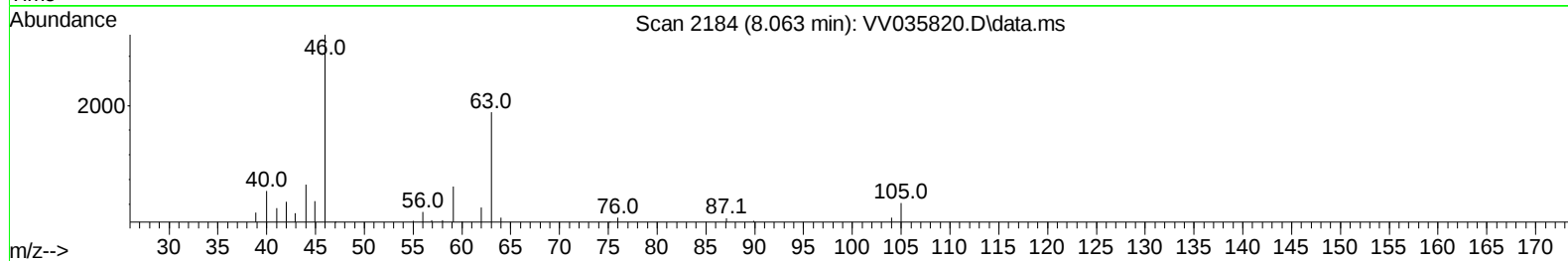
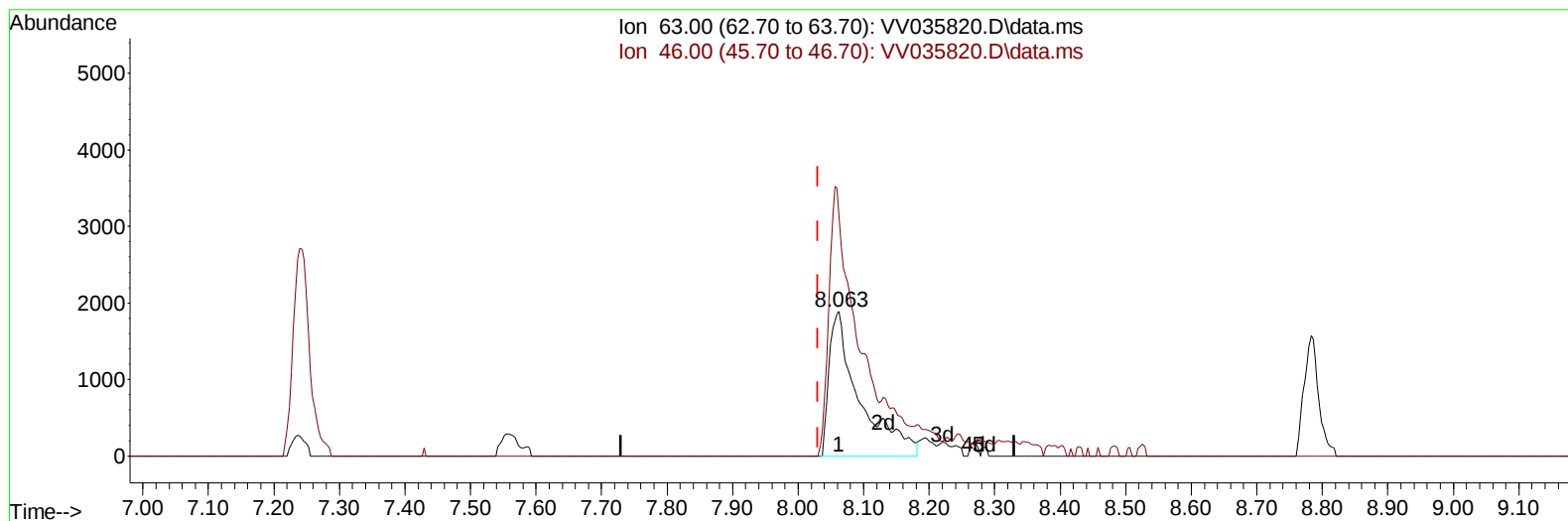
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
Data File : VV035820.D  
Acq On : 26 May 2024 00:30  
Operator : SY/MD  
Sample : P2586-14  
Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C28

## Manual IntegrationsAPPROVED

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

Quant Time: May 27 05:33:53 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: VV035820.D\data.ms

## (47) 2-Hexanone-d5 (S)

8.063min (+ 0.032) 4.76 ug/L m

response 6059

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 161.70 | 132.83 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Operator : SY/MD  
 Sample : P2586-14  
 Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4C28

Manual IntegrationsAPPROVED

Quant Time: May 27 05:33:53 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

Reviewed By :Semsettin Yesilyurt 05/28/2024  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   |     | 498925     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 418666     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   |     | 129237     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    |     | 181017     | 23.474   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 93.880%  |       |          |
| 7) Chloroethane-d5            | 1.526    | 69    |     | 151882     | 24.414   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 97.640%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    |     | 75856      | 22.219   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 88.880%  |       |          |
| 21) 2-Butanone-d5             | 3.860    | 46    |     | 40090m     | 18.319   | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 36.640%  |       |          |
| 24) Chloroform-d              | 4.243    | 84    |     | 345275     | 23.278   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 93.120%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    |     | 187404     | 25.557   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 102.240% |       |          |
| 32) Benzene-d6                | 4.953    | 84    |     | 629683     | 27.476   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 109.920% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    |     | 208006     | 29.410   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 117.640% |       |          |
| 41) Toluene-d8                | 7.239    | 98    |     | 469294     | 23.008   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 92.040%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    |     | 37489      | 12.394   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 49.560%  |       |          |
| 47) 2-Hexanone-d5             | 8.063    | 63    |     | 6059m      | 4.764    | ug/L  | 0.03     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 9.520%#  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    |     | 129741     | 19.037   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 76.160%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   |     | 104010     | 23.190   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 92.760%  |       |          |
| Target Compounds              |          |       |     |            |          |       |          |
| 13) Acetone                   | 2.159    | 43    |     | 42749m     | 13.344   | ug/L  | Qvalue   |
| -----                         |          |       |     |            |          |       |          |

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

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ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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