

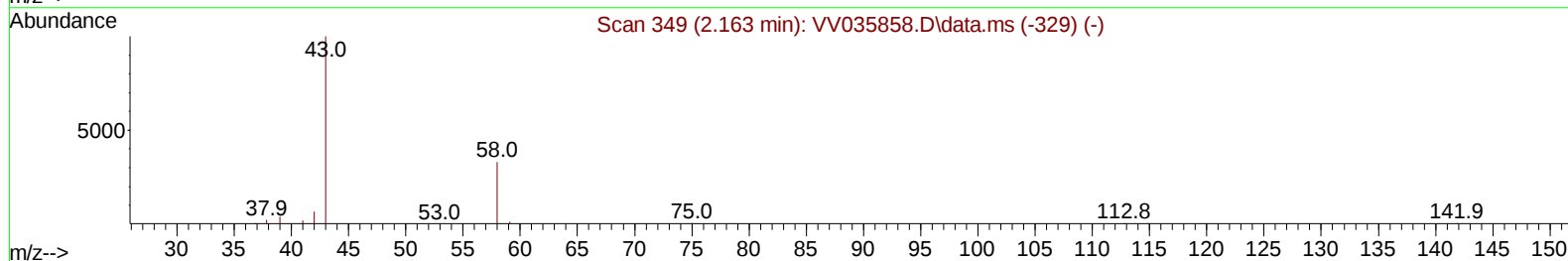
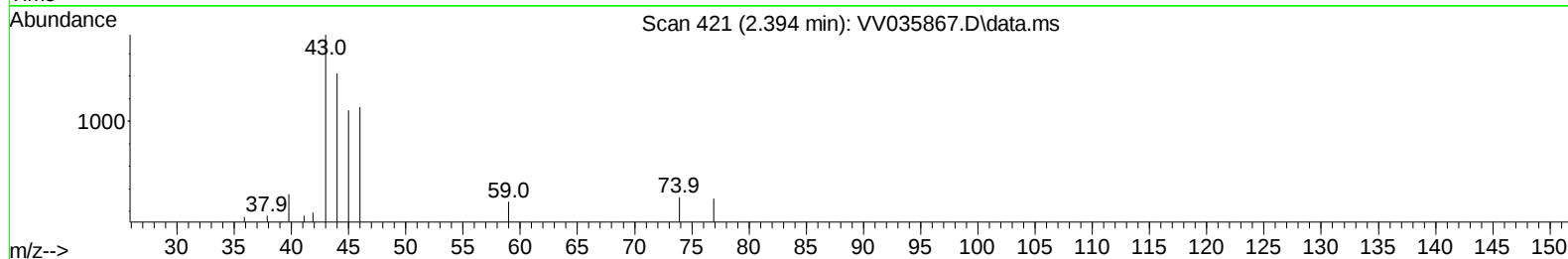
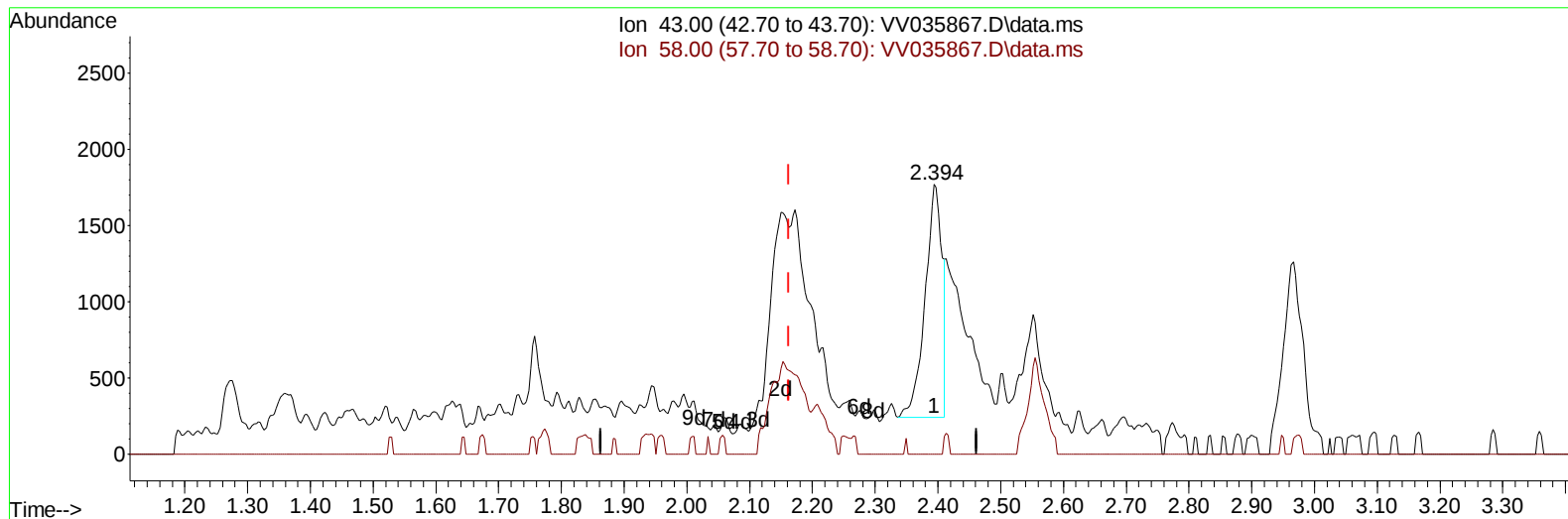
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052924\  
Data File : VV035867.D  
Acq On : 29 May 2024 16:49  
Operator : SY/MD  
Sample : P2632-13  
Misc : 3.43g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHBX9

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 30 01:13:31 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 05/31/2024  
Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035867.D\data.ms

(13) Acetone (T)

2.394min (+ 0.232) 2.42 ug/L

response 2872

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 11.40  | 2.51   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



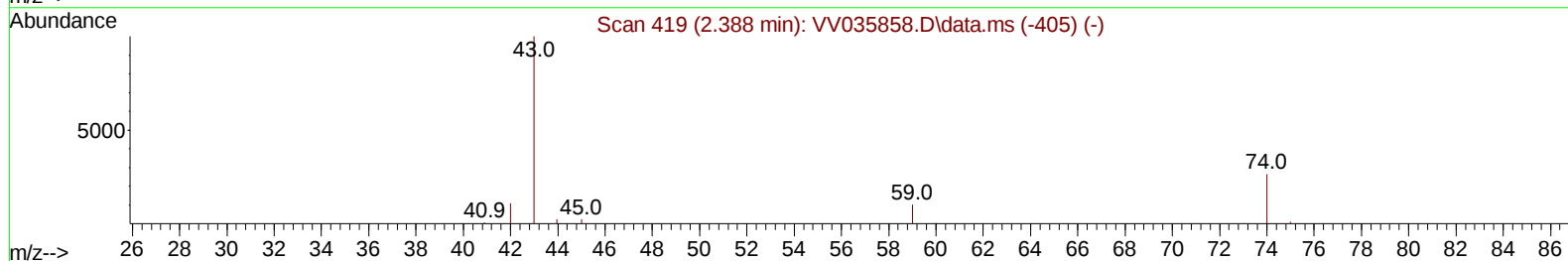
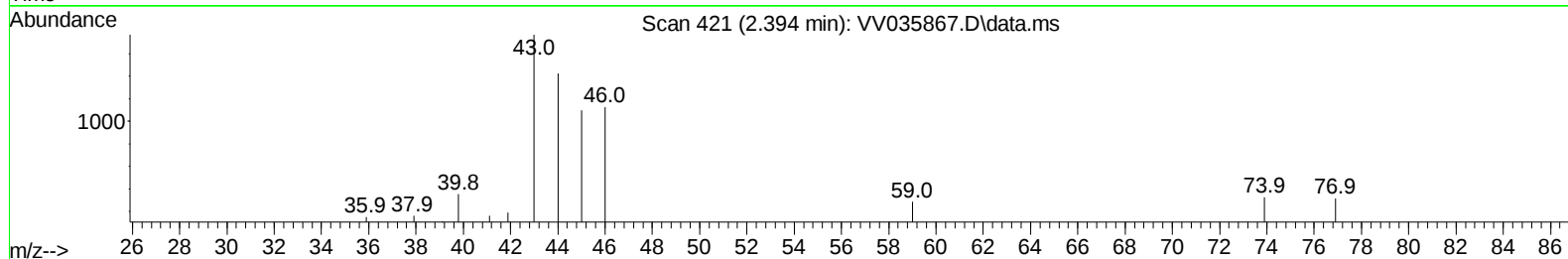
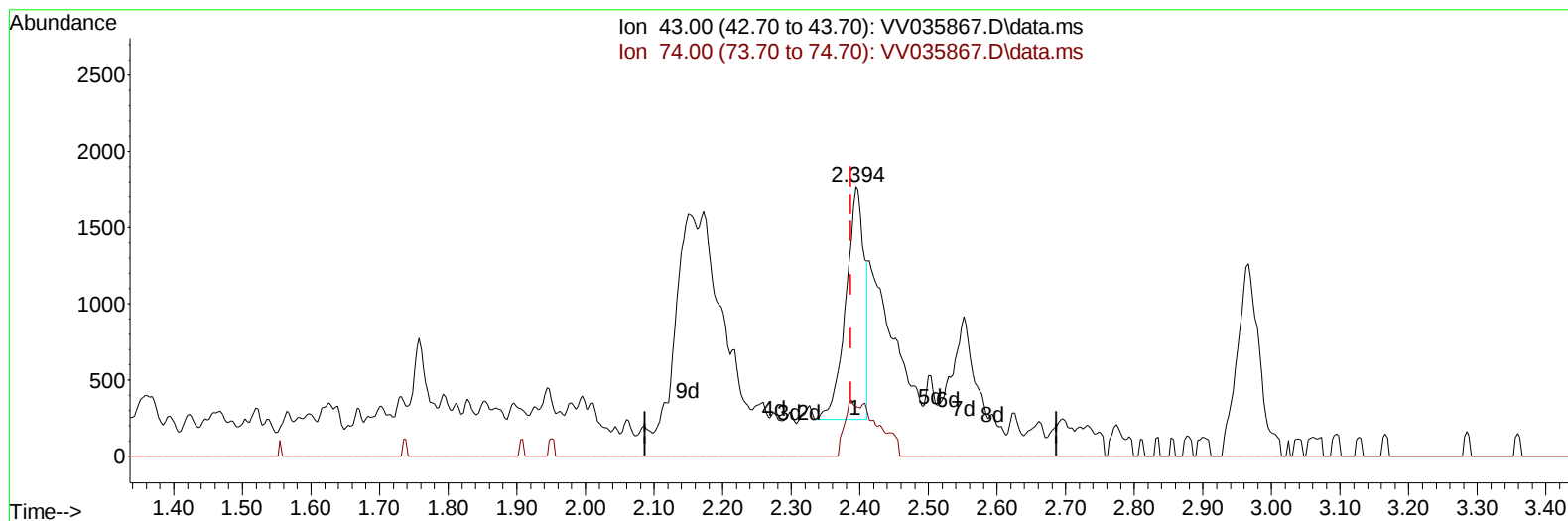
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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHBX9

Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis  
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Reviewed By :Mahesh Dadoda 05/31/2024  
 Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035867.D\data.ms

(15) Methyl Acetate (T)

2.394min (+ 0.006) 1.60 ug/L

response 2872

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.20  | 18.70  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

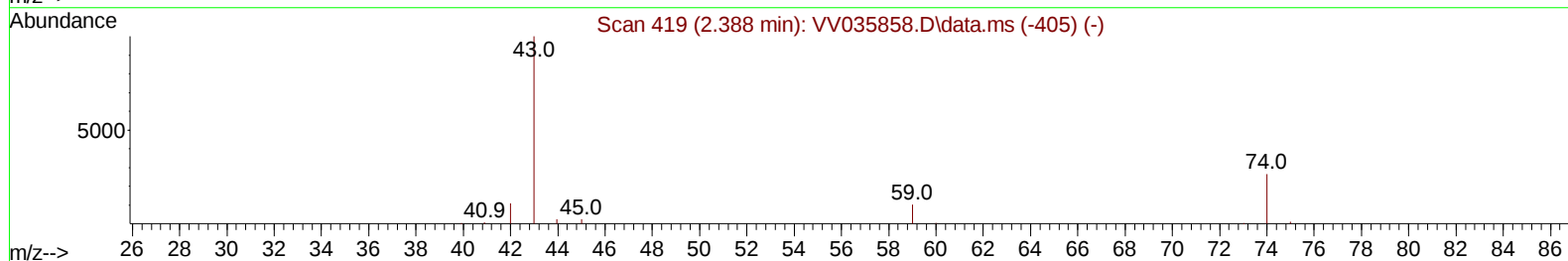
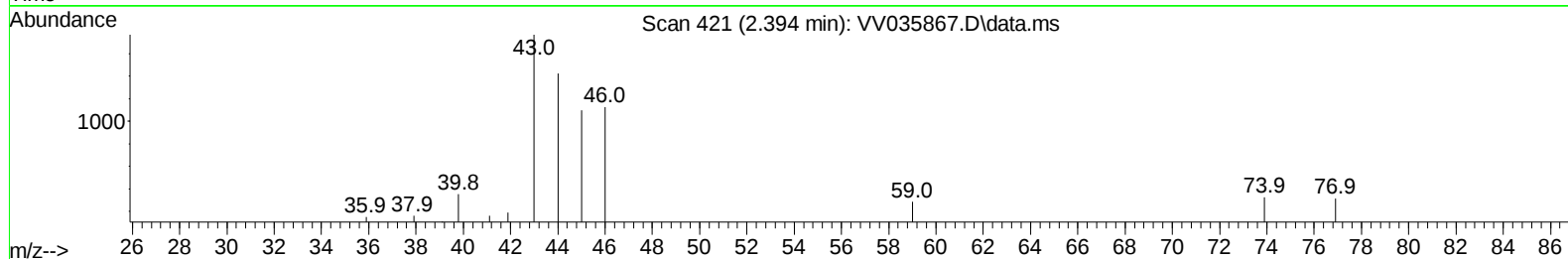
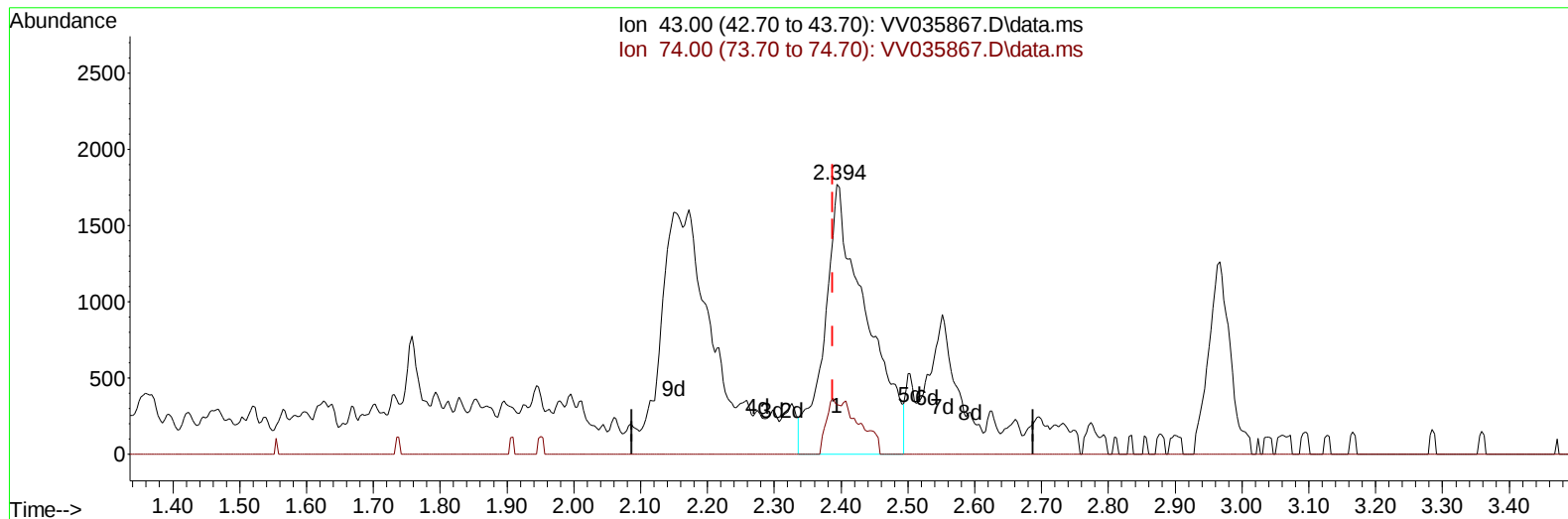
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Data File : VV035867.D  
Acq On : 29 May 2024 16:49  
Operator : SY/MD  
Sample : P2632-13  
Misc : 3.43g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHBX9

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 30 01:13:31 2024  
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Reviewed By :Mahesh Dadoda 05/31/2024  
Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035867.D\data.ms

(15) Methyl Acetate (T)

2.394min (+ 0.006) 4.29 ug/L m

response 7706

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.20  | 6.97#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

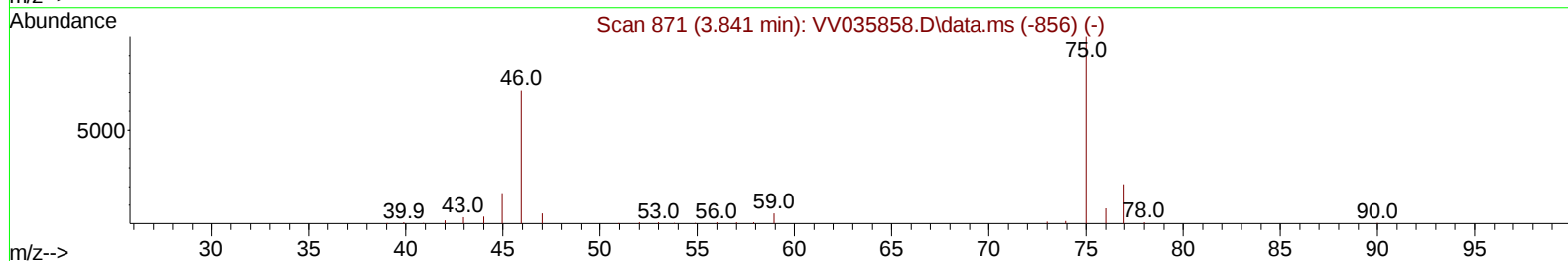
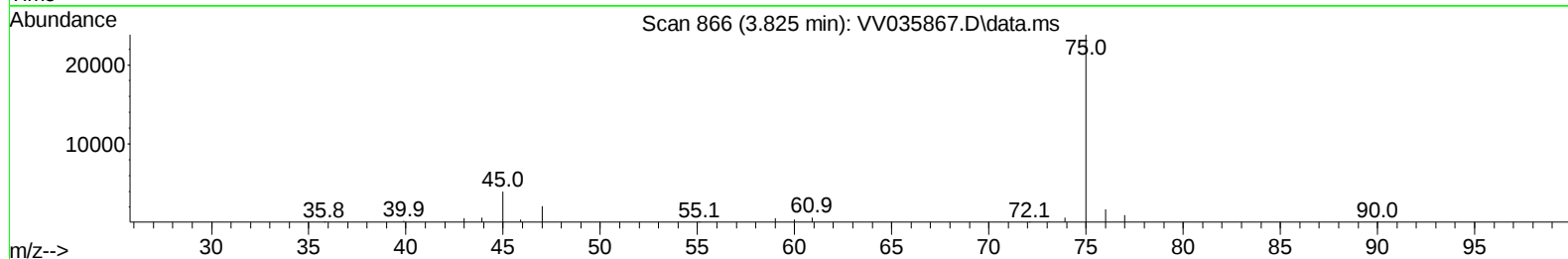
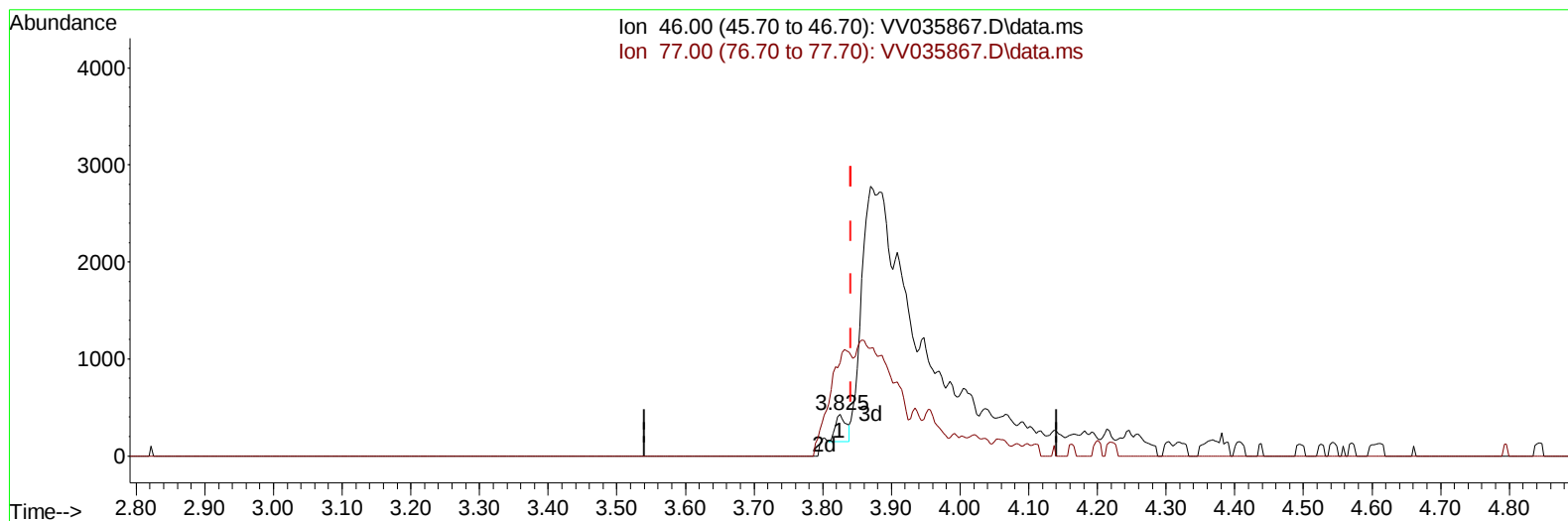
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHBX9

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035867.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (-0.016) 0.39 ug/L

response 312

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 46.00 | 100.00 | 100.00  |
| 77.00 | 13.10  | 807.05# |
| 0.00  | 0.00   | 0.00    |
| 0.00  | 0.00   | 0.00    |

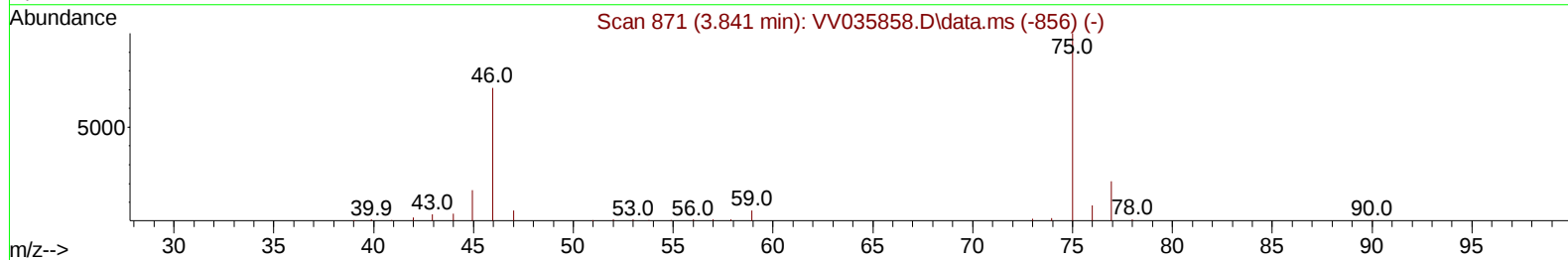
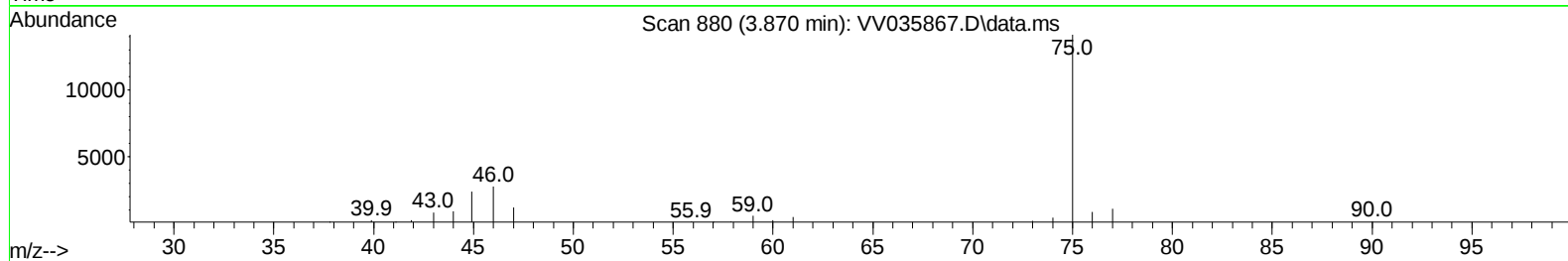
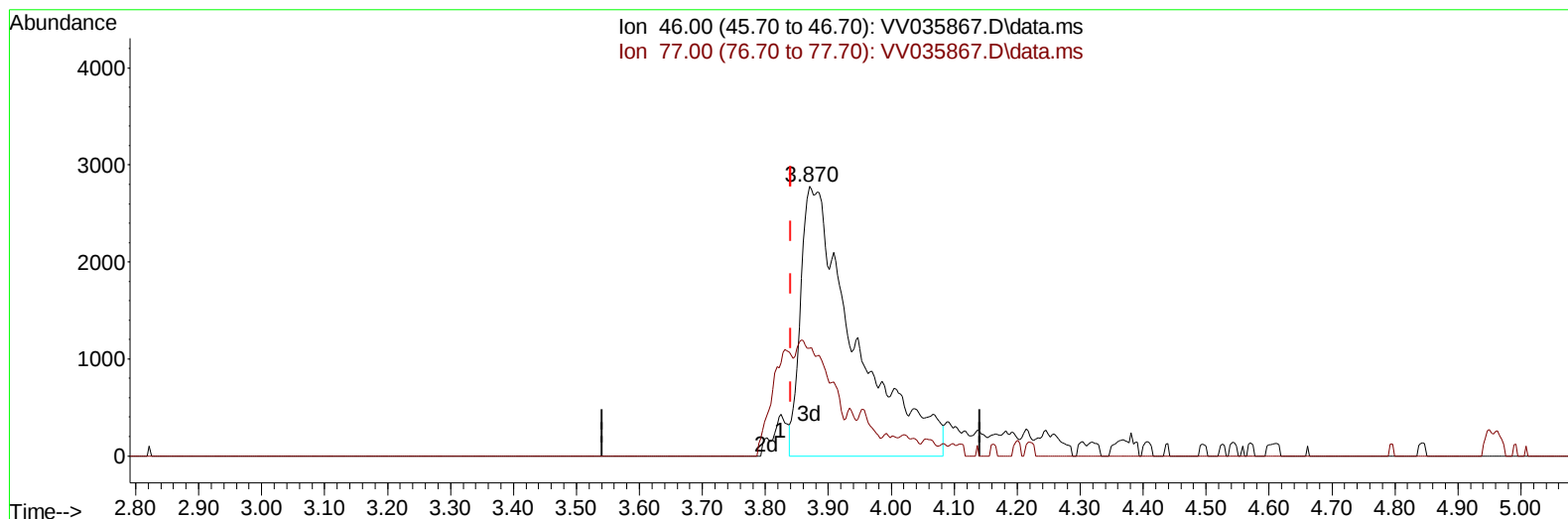
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Data File : VV035867.D  
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Operator : SY/MD  
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Misc : 3.43g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHBX9

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:39 2024  
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Quant Title : VOC Analysis  
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Reviewed By :Mahesh Dadoda 05/31/2024  
Supervised By :Semsettin Yesilyurt 05/31/2024



TIC: VV035867.D\data.ms

(21) 2-Butanone-d5 (S)

3.870min (+ 0.029) 20.62 ug/L m

response 16708

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 15.07  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Operator : SY/MD  
 Sample : P2632-13  
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHBX9

Manual IntegrationsAPPROVED

Quant Time: May 30 01:19:39 2024  
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 Supervised By :Semsettin Yesilyurt 05/31/2024

| Compound                      | R.T.     | QIon  | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------|-------|------------|-----------|-------|----------|
| -----                         |          |       |            |           |       |          |
| Internal Standards            |          |       |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 5.535    | 114   | 184684     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786    | 117   | 145398     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188   | 152   | 39007      | 25.000    | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 62065      | 21.743    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 86.960%   |       |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 61880      | 26.871    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 107.480%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 28156      | 22.280    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery = | 89.120%   |       |          |
| 21) 2-Butanone-d5             | 3.870    | 46    | 16708m     | 20.625    | ug/L  | 0.03     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 41.240%   |       |          |
| 24) Chloroform-d              | 4.246    | 84    | 161394     | 29.395    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery = | 117.560%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    | 87296      | 32.161    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery = | 128.640%  |       |          |
| 32) Benzene-d6                | 4.957    | 84    | 267085     | 33.557    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery = | 134.240%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989    | 67    | 113256     | 46.110    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery = | 184.440%# |       |          |
| 41) Toluene-d8                | 7.243    | 98    | 176720     | 24.948    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery = | 99.800%   |       |          |
| 43) trans-1,3-Dichloroprop... | 7.564    | 79    | 16323      | 15.539    | ug/L  | 0.01     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery = | 62.160%   |       |          |
| 47) 2-Hexanone-d5             | 8.050    | 63    | 6176       | 13.983    | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 27.960%   |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    | 98537      | 41.632    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery = | 166.520%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561   | 152   | 42438      | 31.349    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery = | 125.400%# |       |          |
| Target Compounds              |          |       |            |           |       |          |
|                               |          |       |            |           |       | Qvalue   |
| 13) Acetone                   | 2.172    | 43    | 7652m      | 6.453     | ug/L  |          |
| 15) Methyl Acetate            | 2.394    | 43    | 7706m      | 4.289     | ug/L  |          |
| 16) Methylene chloride        | 2.442    | 84    | 20868      | 4.900     | ug/L  | 94       |
| -----                         |          |       |            |           |       |          |

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

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