

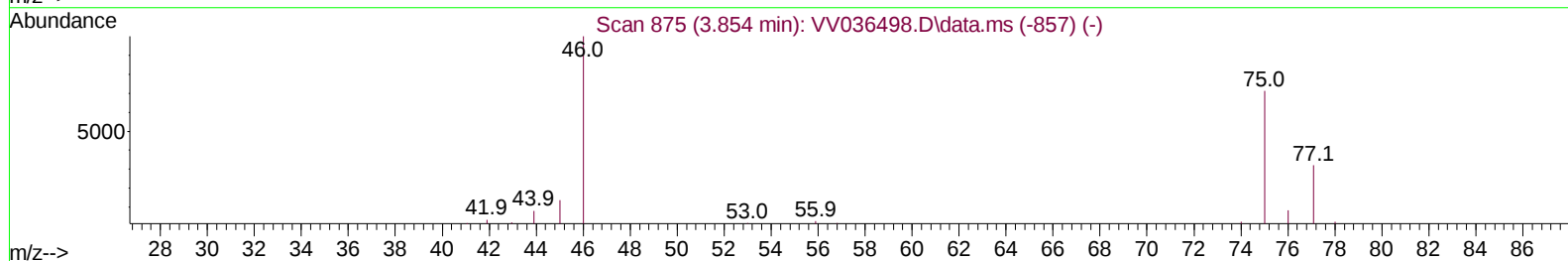
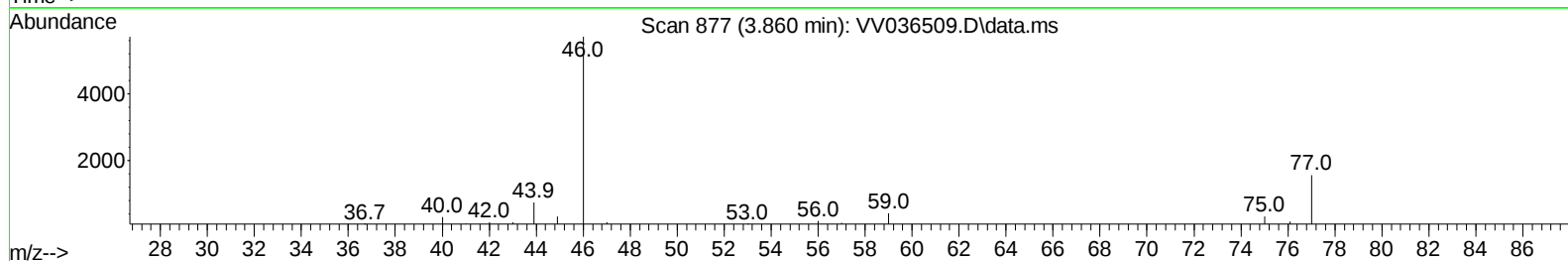
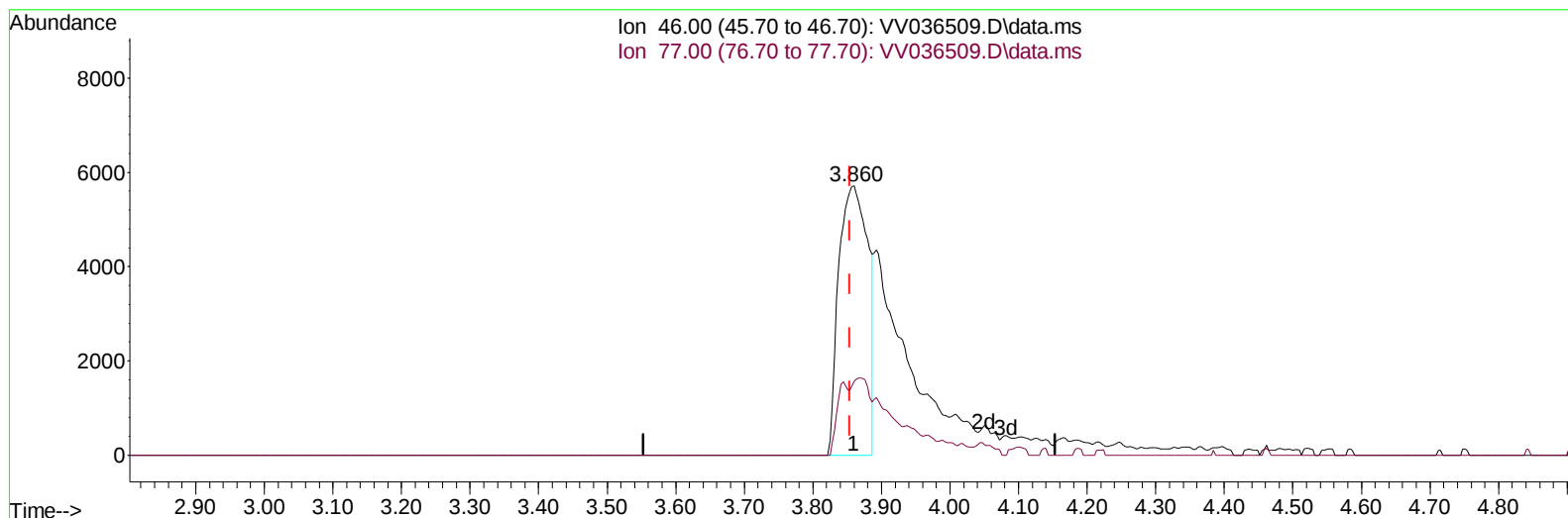
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036509.D  
Acq On : 12 Jul 2024 15:49  
Operator : SY/MD  
Sample : P3215-11  
Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D24

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 13 04:10:37 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



TIC: VV036509.D\data.ms

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

3.860min (+ 0.006) 26.04 ug/L

response 16811

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 11.72  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

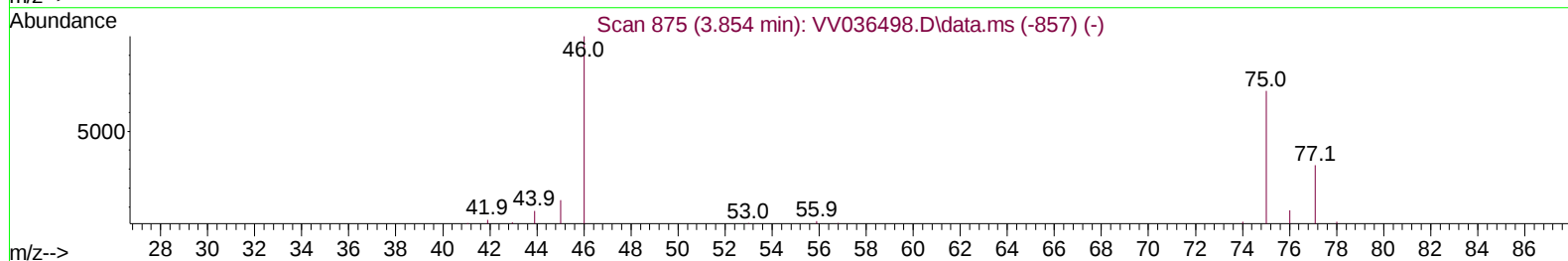
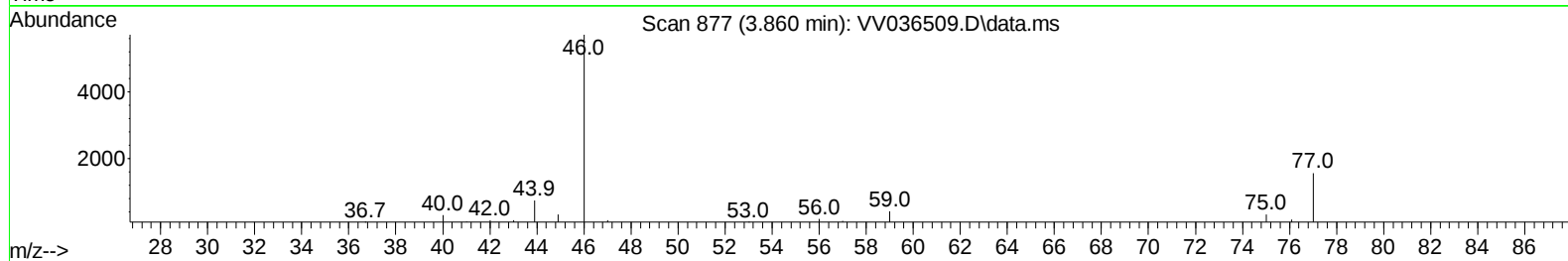
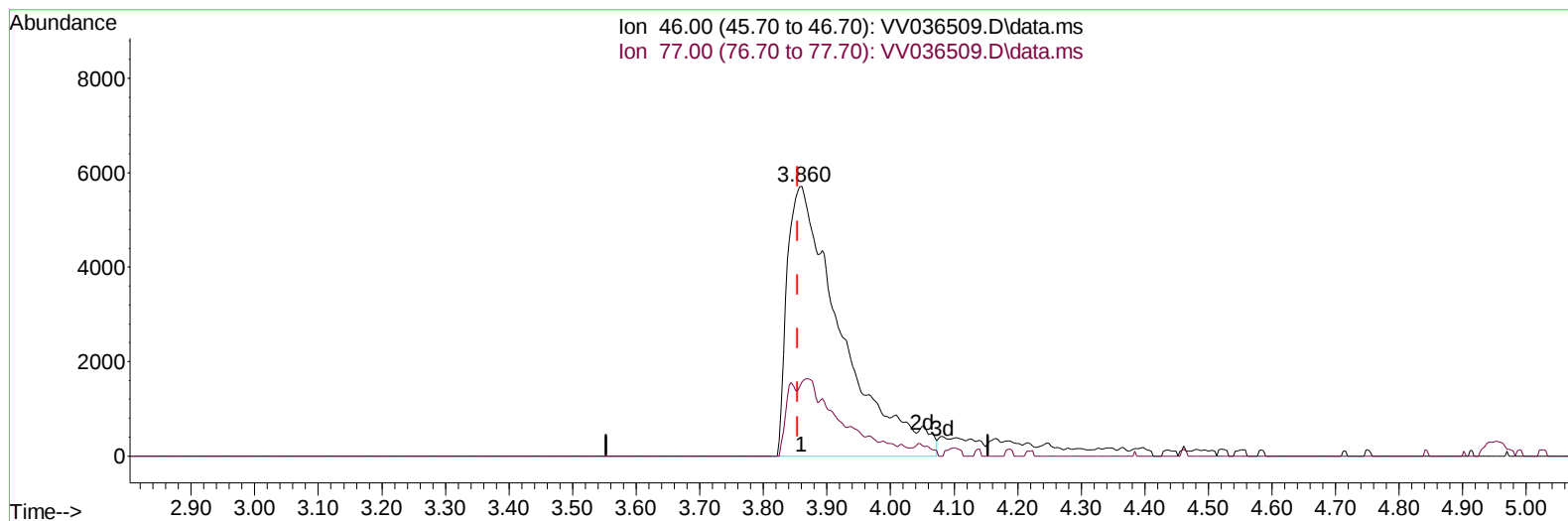
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036509.D  
Acq On : 12 Jul 2024 15:49  
Operator : SY/MD  
Sample : P3215-11  
Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D24

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 13 04:10:37 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



TIC: VV036509.D\data.ms

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

3.860min (+ 0.006) 52.15 ug/L m

response 33663

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 5.85#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

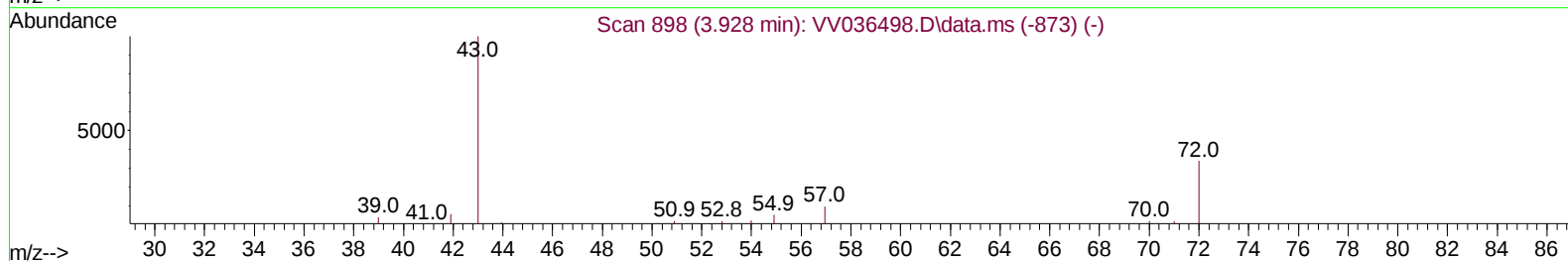
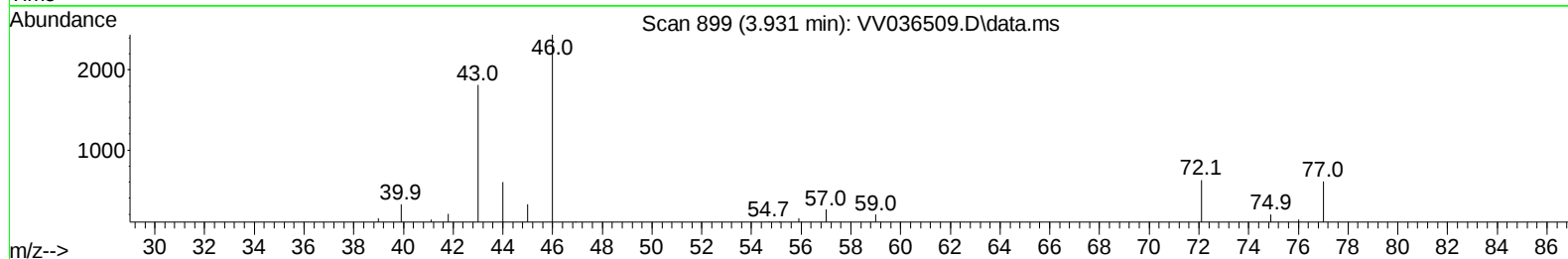
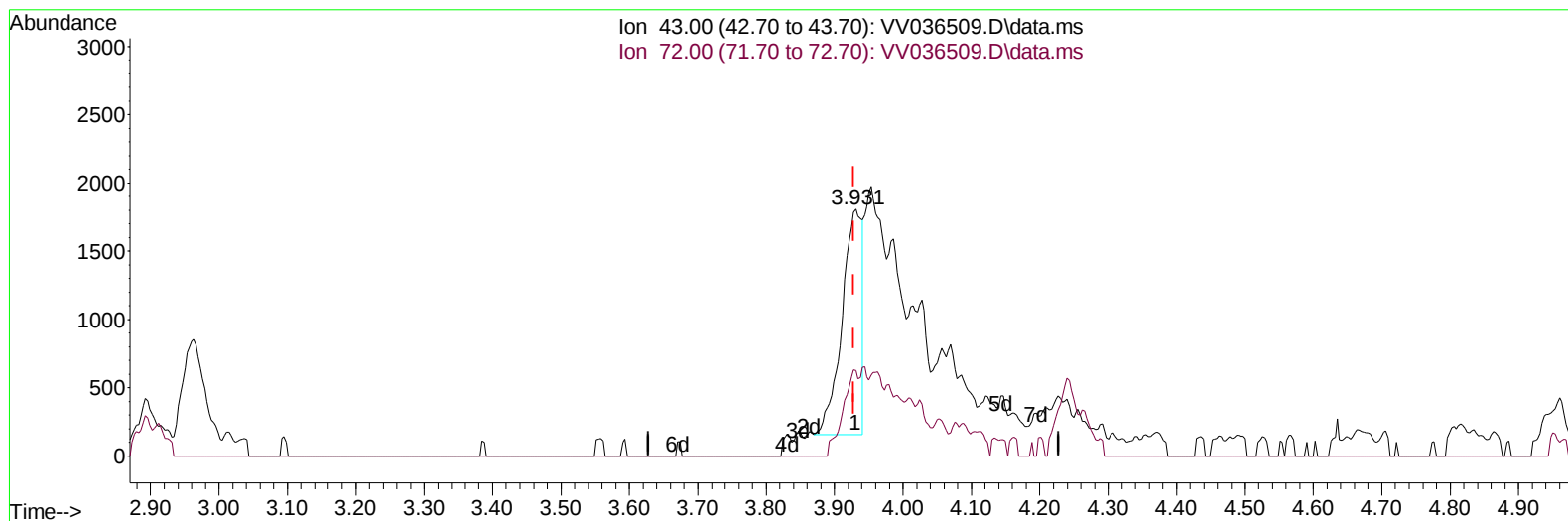
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036509.D  
Acq On : 12 Jul 2024 15:49  
Operator : SY/MD  
Sample : P3215-11  
Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D24

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 13 04:10:37 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



TIC: VV036509.D\data.ms

## (22) 2-Butanone (T)

3.931min (+ 0.003) 4.38 ug/L

response 3357

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 11.70  | 28.87# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

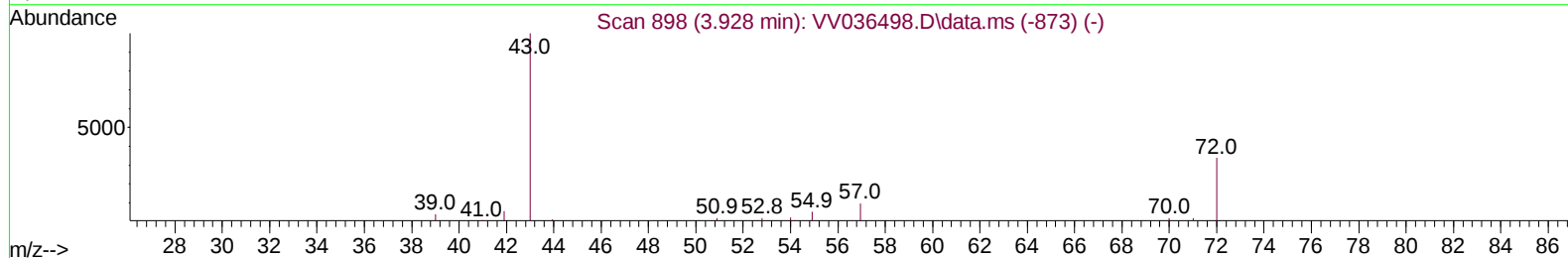
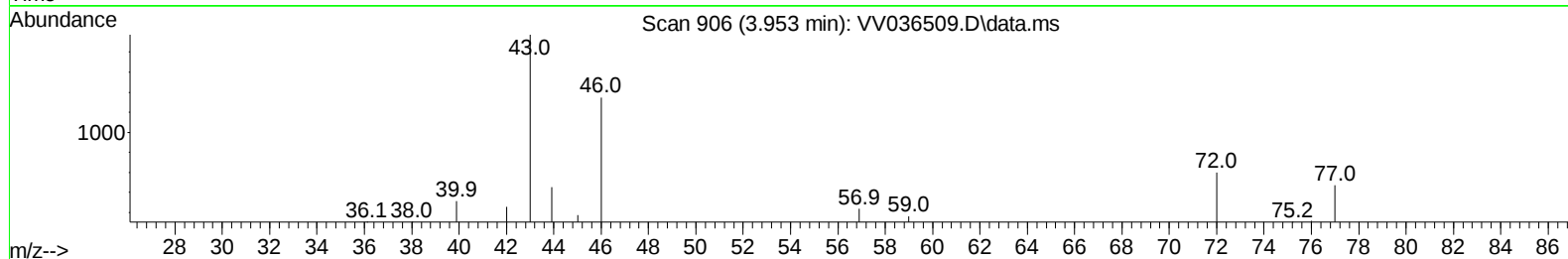
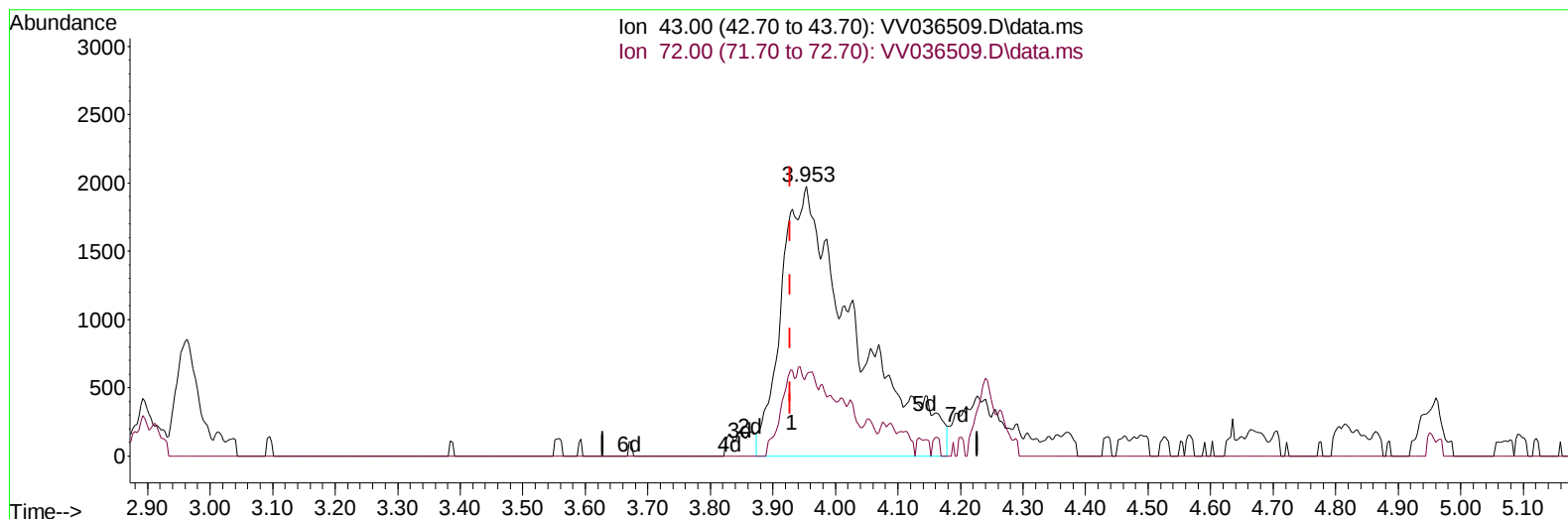
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036509.D  
Acq On : 12 Jul 2024 15:49  
Operator : SY/MD  
Sample : P3215-11  
Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D24

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:10:37 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: VV036509.D\data.ms

(22) 2-Butanone (T)

3.953min (+ 0.026) 20.96 ug/L m

response 16057

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 11.70  | 6.03   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
 Data File : VV036509.D  
 Acq On : 12 Jul 2024 15:49  
 Operator : SY/MD  
 Sample : P3215-11  
 Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4D24

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:10:37 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

| Compound                      | R.T.     | QIon  | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|-----------|----------|
| -----                         |          |       |          |        |           |          |
| Internal Standards            |          |       |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.529    | 114   | 263264   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 175438   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   | 47608    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 108115   | 28.664 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 114.640%  |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 97948    | 29.702 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 118.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 49044    | 25.322 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 101.280%  |          |
| 21) 2-Butanone-d5             | 3.860    | 46    | 33663m   | 52.146 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 104.300%  |          |
| 24) Chloroform-d              | 4.243    | 84    | 184578   | 24.087 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 96.360%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 100221   | 26.369 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 105.480%  |          |
| 32) Benzene-d6                | 4.953    | 84    | 319805   | 36.539 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 146.160%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 98204    | 37.649 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 150.600%# |          |
| 41) Toluene-d8                | 7.239    | 98    | 192271   | 23.809 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 95.240%   |          |
| 43) trans-1,3-Dichloroprop... | 7.555    | 79    | 27158    | 25.042 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 100.160%  |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    | 19224    | 66.357 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 132.720%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    | 62446    | 28.425 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 113.720%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561   | 152   | 34161    | 21.144 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 84.560%   |          |
| Target Compounds              |          |       |          |        |           |          |
|                               |          |       |          |        | Qvalue    |          |
| 13) Acetone                   | 2.166    | 43    | 52211    | 57.206 | ug/L #    | 57       |
| 14) Carbon disulfide          | 2.230    | 76    | 4704     | 0.539  | ug/L #    | 91       |
| 16) Methylene chloride        | 2.439    | 84    | 23234    | 4.293  | ug/L      | 99       |
| 22) 2-Butanone                | 3.953    | 43    | 16057m   | 20.956 | ug/L      |          |
| -----                         |          |       |          |        |           |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
Data File : VV036509.D  
Acq On : 12 Jul 2024 15:49  
Operator : SY/MD  
Sample : P3215-11  
Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4D24

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:10:37 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

