

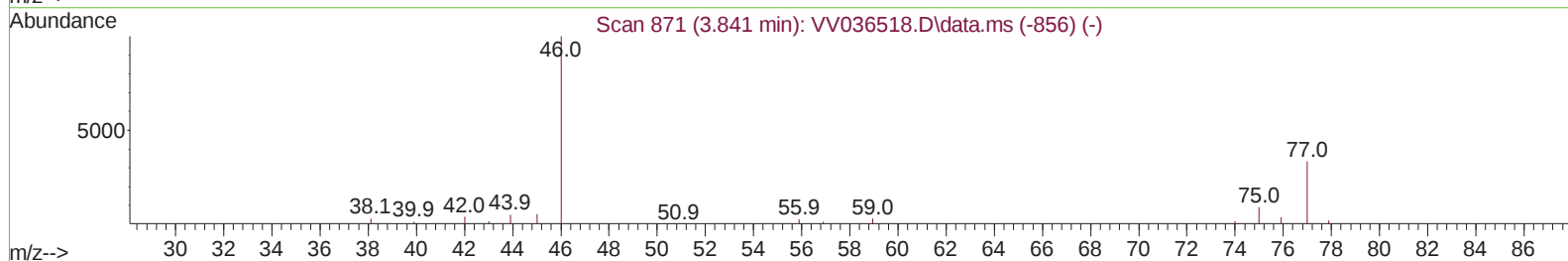
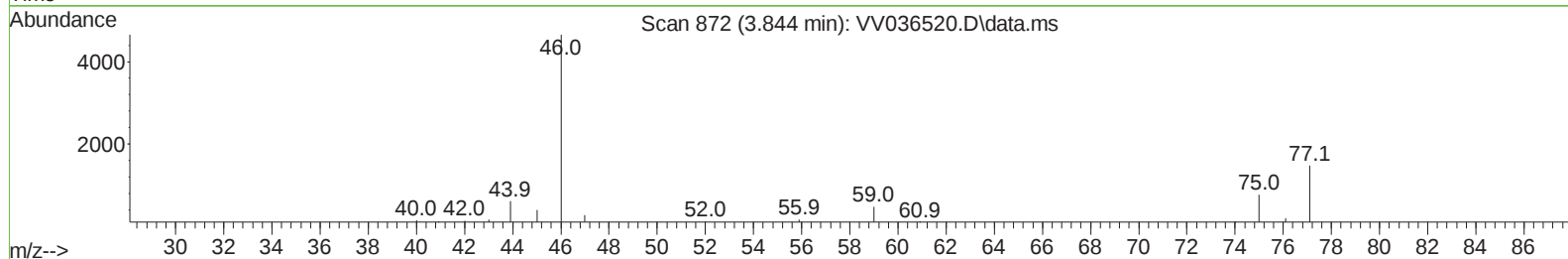
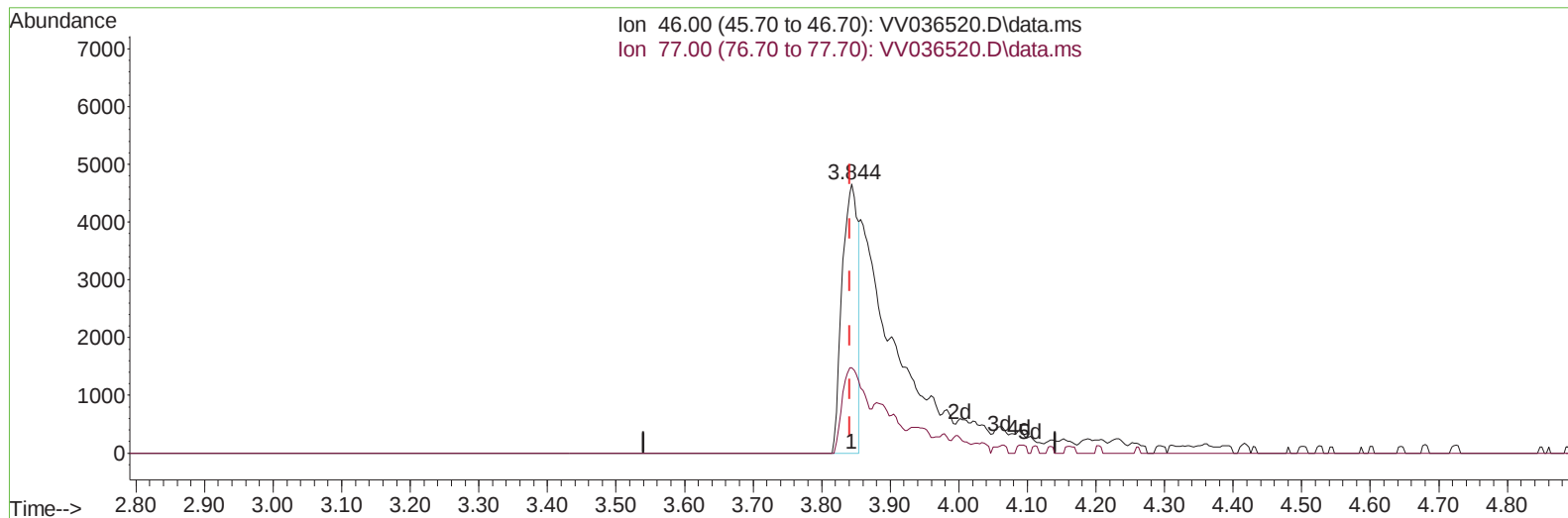
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071524\  
Data File : VV036520.D  
Acq On : 15 Jul 2024 12:18  
Operator : SY/MD  
Sample : P3215-03RE  
Misc : 5.88g/10.0mL/MSVOA\_V/SOIL/B  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4C00RE

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/16/2024  
Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 16 01:26:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 16 01:25:30 2024  
Response via : Initial Calibration



TIC: VV036520.D\data.ms

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

3.844min (+ 0.003) 8.77 ug/L

response 7346

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 44.28# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

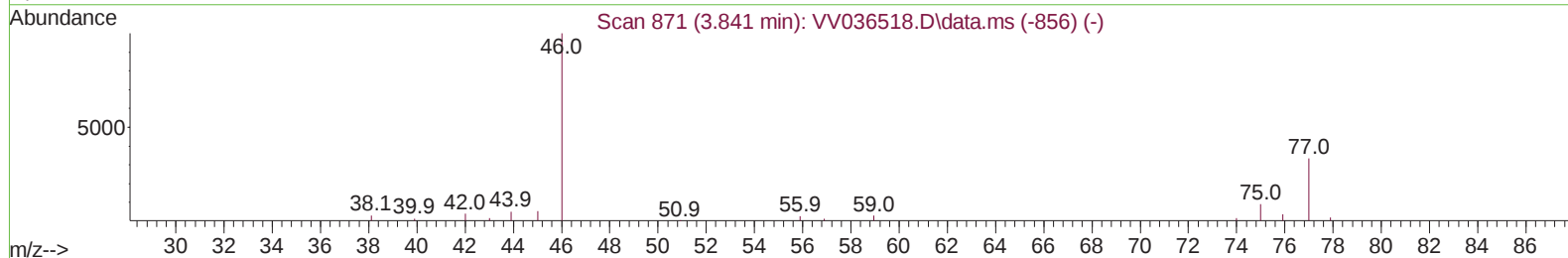
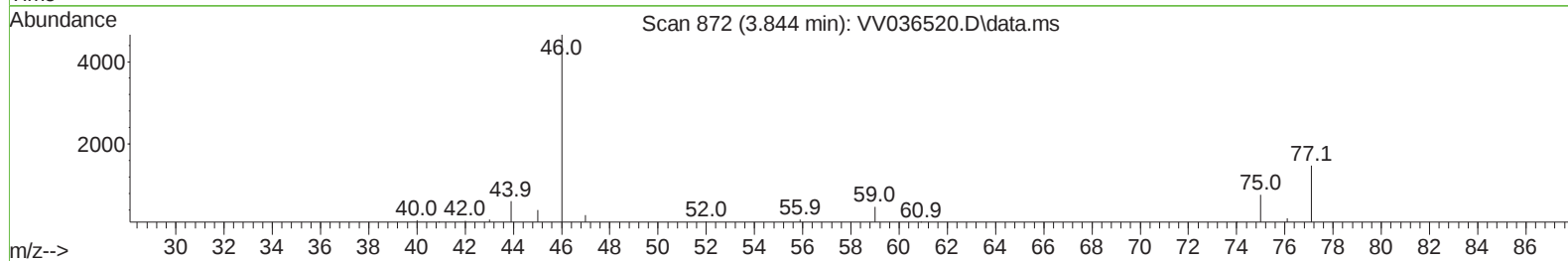
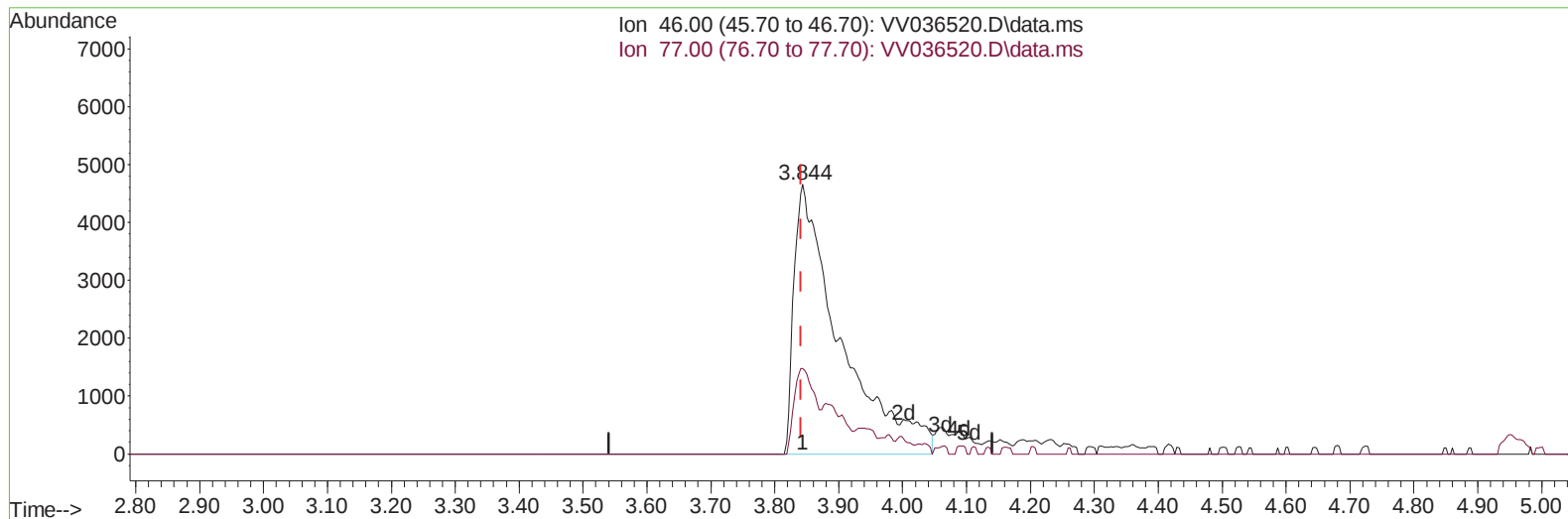
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Response via : Initial Calibration



TIC: VV036520.D\data.ms

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

3.844min (+ 0.003) 27.73 ug/L m

response 23213

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 14.01  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4C00RE

Manual IntegrationsAPPROVED

Quant Time: Jul 16 01:26:25 2024  
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 Quant Title : VOC Analysis  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|----------|-------|----------|--------|----------|-----------|
| -----                         |          |       |          |        |          |           |
| Internal Standards            |          |       |          |        |          |           |
| 1) 1,4-Difluorobenzene        | 5.529    | 114   | 341402   | 25.000 | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 265883   | 25.000 | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   | 64478    | 25.000 | ug/L     | 0.00      |
| System Monitoring Compounds   |          |       |          |        |          |           |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 125991   | 25.759 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 103.040% |           |
| 7) Chloroethane-d5            | 1.526    | 69    | 106940   | 25.007 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 100.040% |           |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 56672    | 22.563 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 90.240%  |           |
| 21) 2-Butanone-d5             | 3.844    | 46    | 23213m   | 27.728 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 55.460%  |           |
| 24) Chloroform-d              | 4.239    | 84    | 202916   | 20.419 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 81.680%  |           |
| 26) 1,2-Dichloroethane-d4     | 4.934    | 65    | 104444   | 21.190 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 84.760%  |           |
| 32) Benzene-d6                | 4.950    | 84    | 361365   | 27.243 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 108.960% |           |
| 36) 1,2-Dichloropropane-d6    | 5.982    | 67    | 109547   | 27.711 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 110.840% |           |
| 41) Toluene-d8                | 7.239    | 98    | 260846   | 21.313 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 85.240%  |           |
| 43) trans-1,3-Dichloroprop... | 7.554    | 79    | 34901    | 21.235 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 84.920%  |           |
| 47) 2-Hexanone-d5             | 8.034    | 63    | 14169    | 32.271 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 64.540%  |           |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    | 67934    | 20.404 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 81.600%  |           |
| 66) 1,2-Dichlorobenzene-d4    | 11.557   | 152   | 46606    | 21.299 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 85.200%  |           |
| Target Compounds              |          |       |          |        |          |           |
| 16) Methylene chloride        | 2.439    | 84    | 22780    | 3.245  | ug/L     | Qvalue 93 |
| -----                         |          |       |          |        |          |           |

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

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