

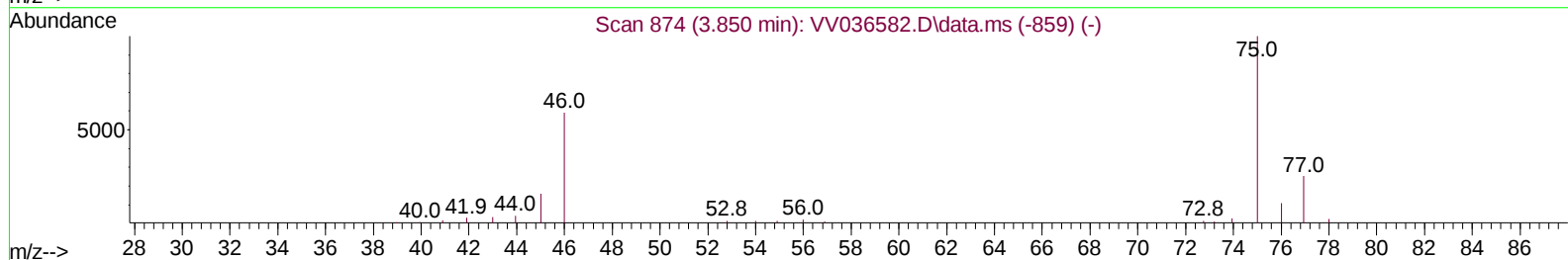
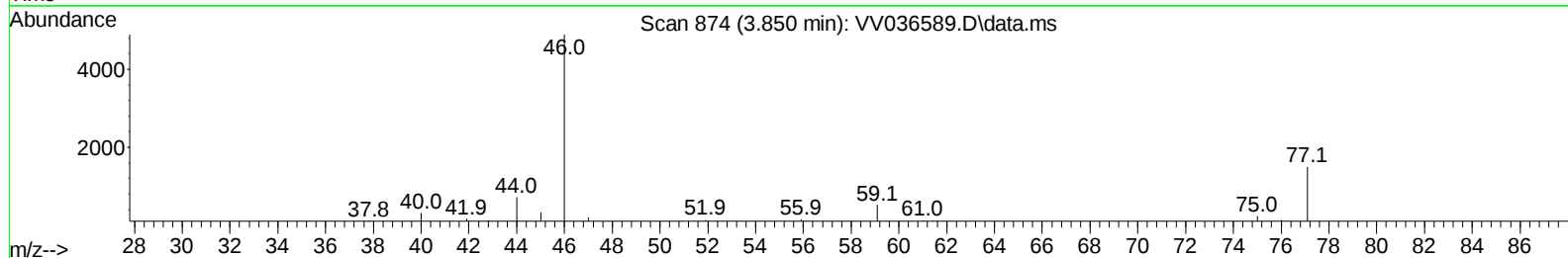
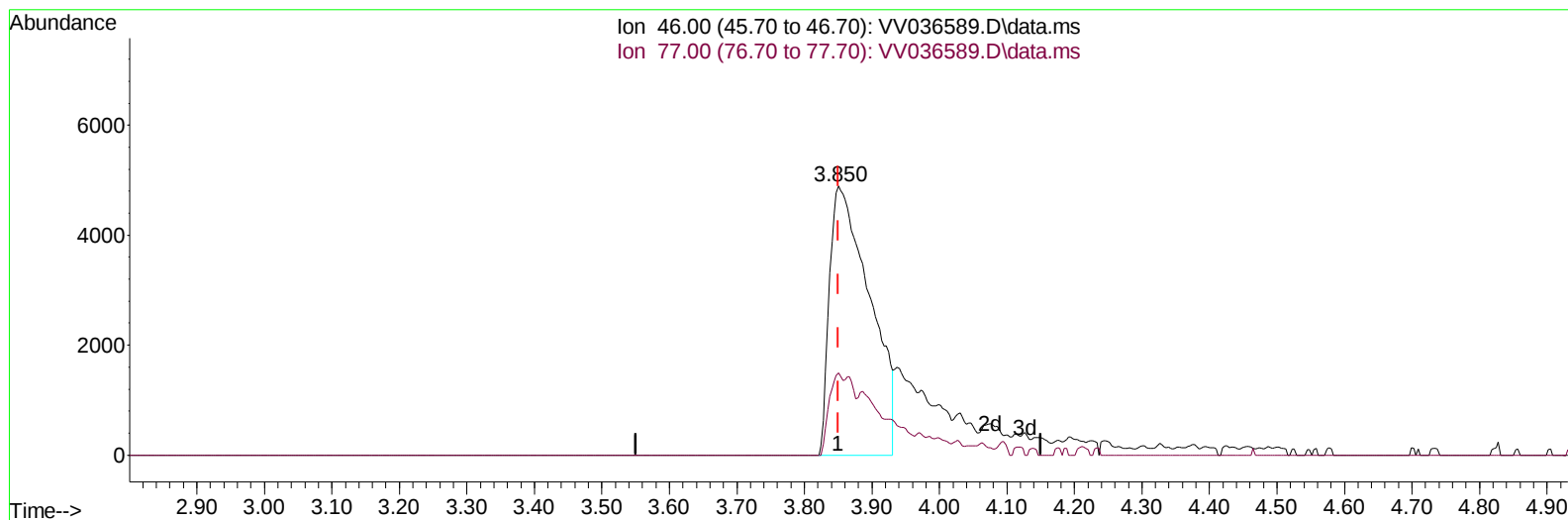
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
 Data File : VV036589.D  
 Acq On : 17 Jul 2024 13:34  
 Operator : SY/MD  
 Sample : P3238-10  
 Misc : 5.64g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:27:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 18 01:25:10 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 07/18/2024  
 Supervised By :Mahesh Dadoda 07/19/2024



TIC: VV036589.D\data.ms

(21) 2-Butanone-d5 (S)

3.850min (-0.000) 17.28 ug/L

response 20237

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 10.37  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

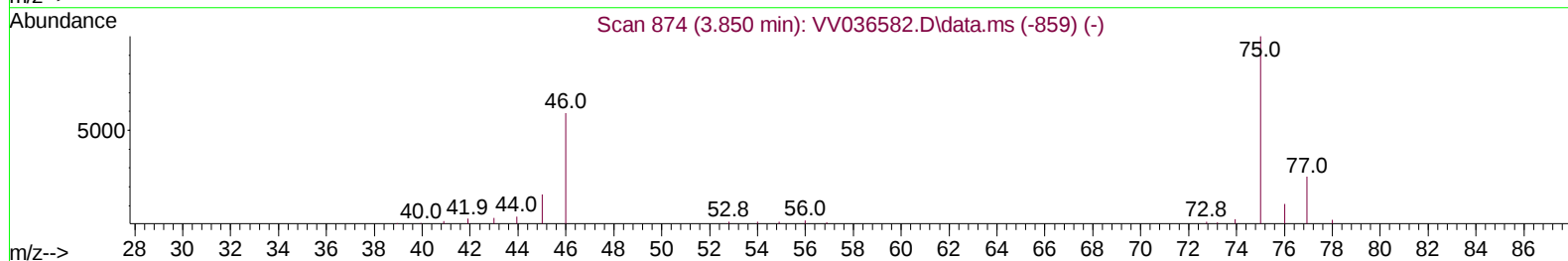
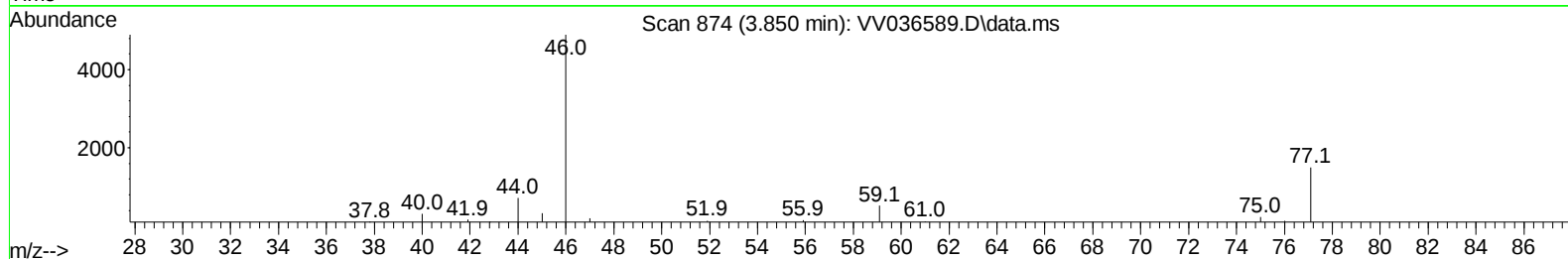
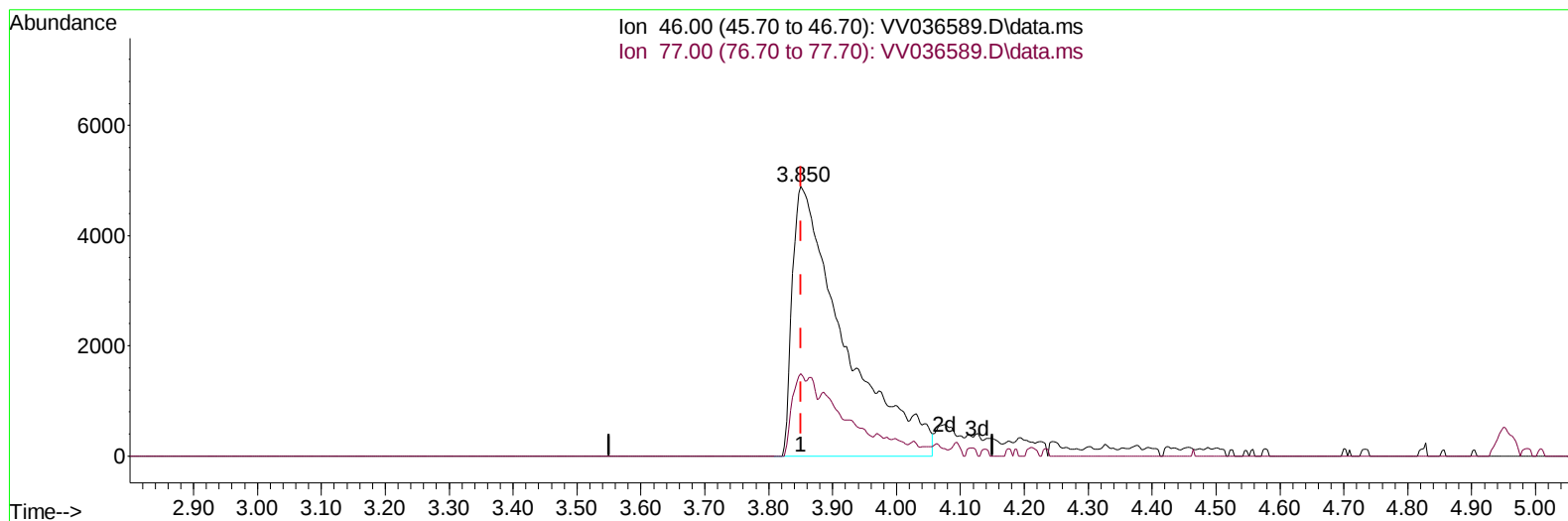
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## Manual IntegrationsAPPROVED

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Quant Time: Jul 18 01:27:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 01:25:10 2024  
Response via : Initial Calibration



TIC: VV036589.D\data.ms

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

3.850min (-0.000) 23.42 ug/L m

response 27432

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.40  | 7.65#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:27:35 2024  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----                         |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.529    | 114   | 477633   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 411447   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181   | 152   | 110754   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 137641   | 20.114 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 80.440% |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 120627   | 20.162 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 80.640% |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 65820    | 18.731 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 74.920% |          |
| 21) 2-Butanone-d5             | 3.850    | 46    | 27432m   | 23.422 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 46.840% |          |
| 24) Chloroform-d              | 4.243    | 84    | 256491   | 18.449 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 73.800% |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 124963   | 18.122 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 72.480% |          |
| 32) Benzene-d6                | 4.953    | 84    | 466869   | 22.745 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 90.960% |          |
| 36) 1,2-Dichloropropane-d6    | 5.985    | 67    | 139303   | 22.771 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 91.080% |          |
| 41) Toluene-d8                | 7.239    | 98    | 378883   | 20.005 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 80.000% |          |
| 43) trans-1,3-Dichloroprop... | 7.554    | 79    | 41398    | 16.277 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 65.120% |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    | 17630    | 25.948 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 51.900% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    | 85809    | 16.655 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 66.640% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   | 78553    | 20.900 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 83.600% |          |

Target Compounds Qvalue

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

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