

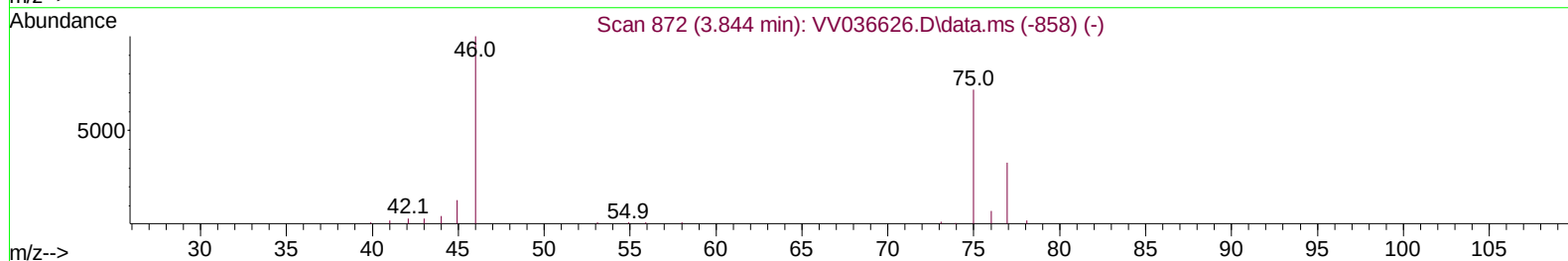
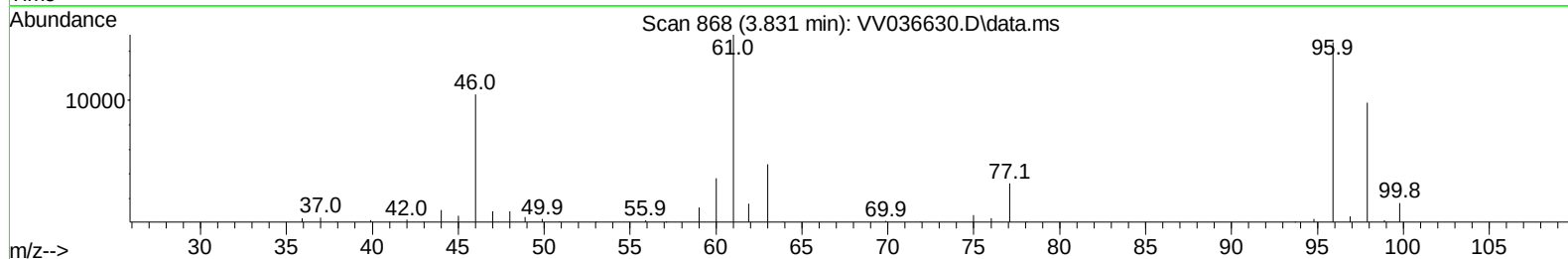
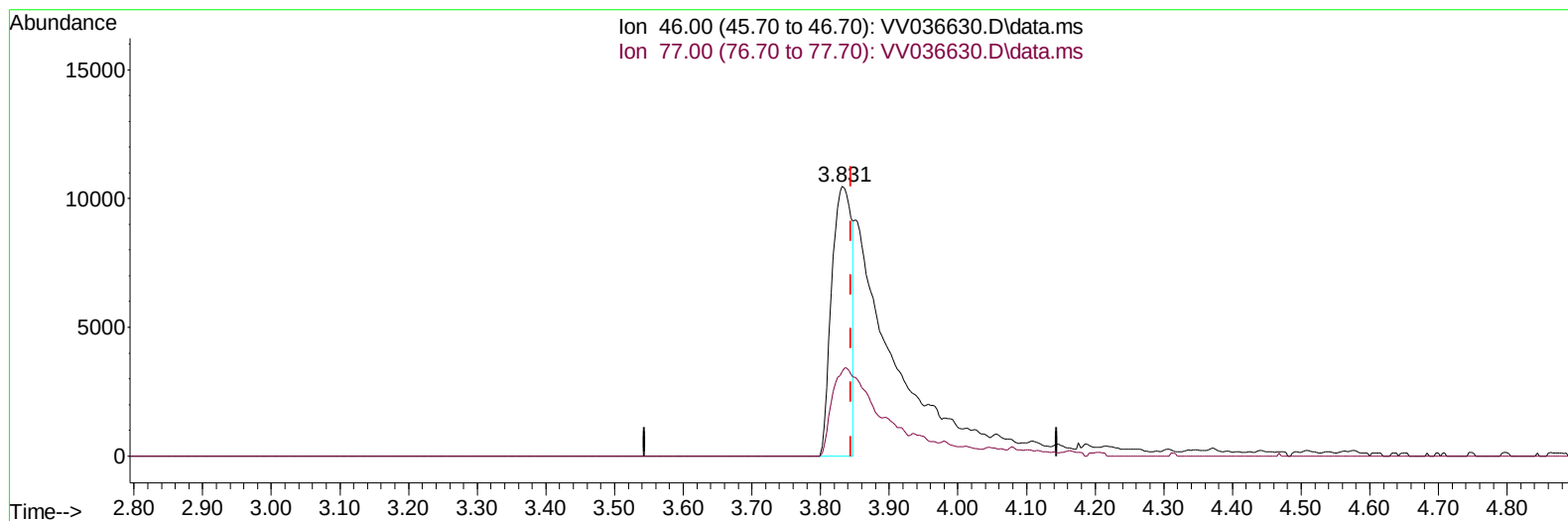
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072224\  
 Data File : VV036630.D  
 Acq On : 22 Jul 2024 16:27  
 Operator : SY/MD  
 Sample : P3276-01  
 Misc : 8.43g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1ZS4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:06:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 23 02:04:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 07/23/2024  
 Supervised By :Mahesh Dadoda 07/24/2024



TIC: VV036630.D\data.ms

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

**3.831min (-0.013) 16.06 ug/L**

**response 21353**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 8.90   | 59.20# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

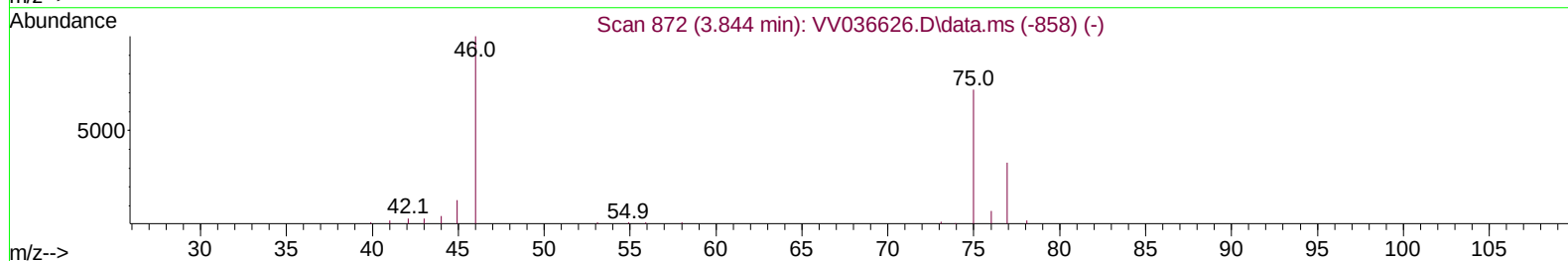
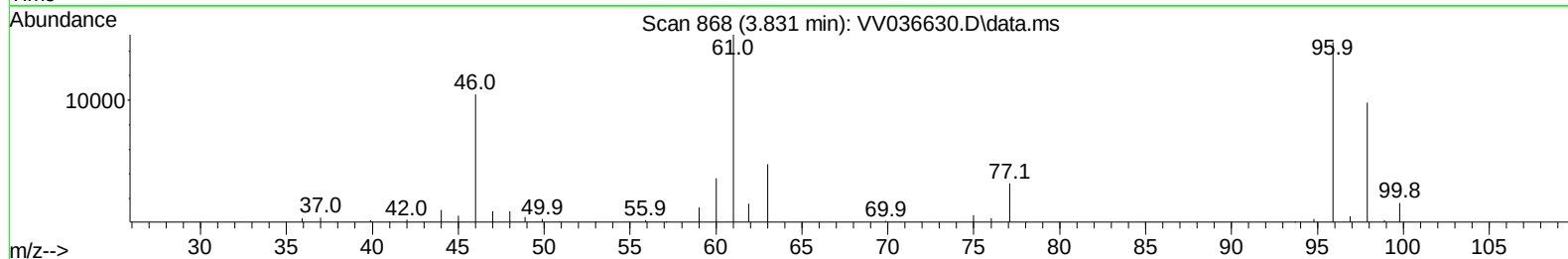
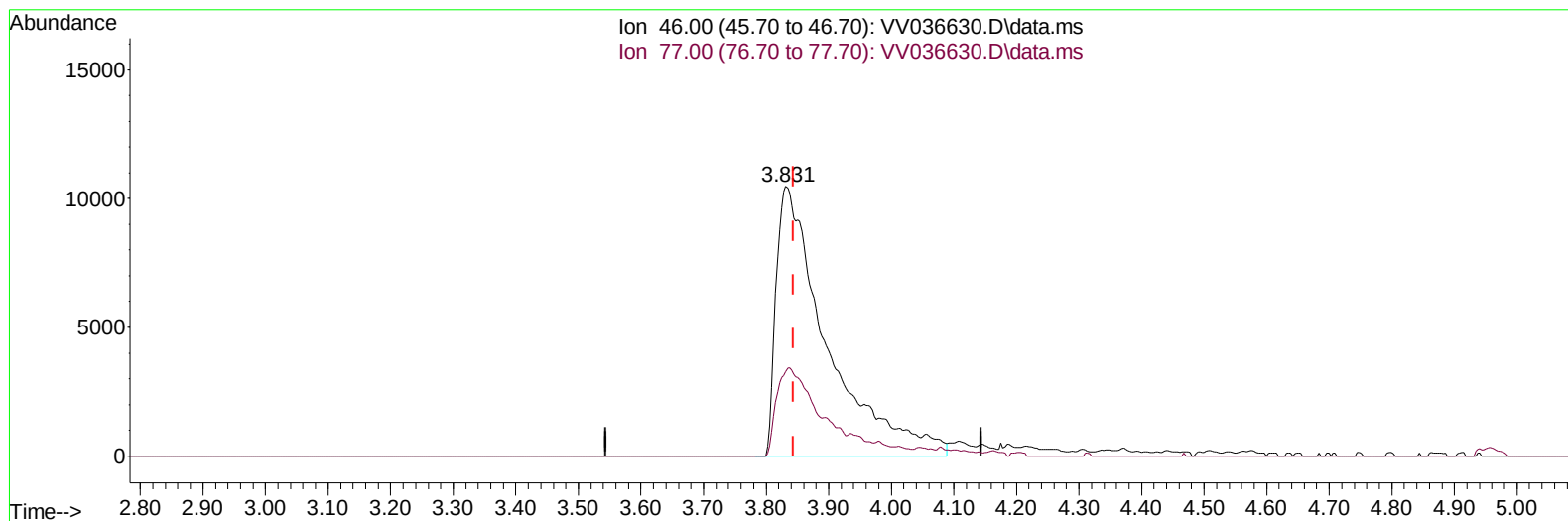
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072224\  
 Data File : VV036630.D  
 Acq On : 22 Jul 2024 16:27  
 Operator : SY/MD  
 Sample : P3276-01  
 Misc : 8.43g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1ZS4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:06:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 23 02:04:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 07/23/2024  
 Supervised By :Mahesh Dadoda 07/24/2024



TIC: VV036630.D\data.ms

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

**3.831min (-0.013) 44.36 ug/L m**

**response 58984**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 8.90   | 21.43# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072224\  
 Data File : VV036630.D  
 Acq On : 22 Jul 2024 16:27  
 Operator : SY/MD  
 Sample : P3276-01  
 Misc : 8.43g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1ZS4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:06:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 23 02:04:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 07/23/2024  
 Supervised By :Mahesh Dadoda 07/24/2024

| Compound                      | R.T.     | QIon  | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------|-------|------------|----------|--------|----------|
| -----                         |          |       |            |          |        |          |
| Internal Standards            |          |       |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529    | 114   | 520166     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 491156     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   | 176012     | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.269    | 65    | 55048      | 9.662    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 38.640%  |        |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 63828      | 12.404   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 49.600%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.047    | 65    | 27649      | 9.179    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery = | 36.720%# |        |          |
| 21) 2-Butanone-d5             | 3.831    | 46    | 58984m     | 44.363   | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 88.720%  |        |          |
| 24) Chloroform-d              | 4.240    | 84    | 212289     | 15.431   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery = | 61.720%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 119178     | 17.560   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery = | 70.240%  |        |          |
| 32) Benzene-d6                | 4.953    | 84    | 309336     | 13.289   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery = | 53.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 111573     | 16.822   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery = | 67.280%# |        |          |
| 41) Toluene-d8                | 7.243    | 98    | 245256     | 11.040   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery = | 44.160%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555    | 79    | 47041      | 15.954   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery = | 63.800%  |        |          |
| 47) 2-Hexanone-d5             | 8.031    | 63    | 36647      | 41.517   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 83.040%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    | 116235     | 20.107   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery = | 80.440%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   | 111305     | 18.115   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery = | 72.480%# |        |          |
| Target Compounds              |          |       |            |          |        |          |
|                               |          |       |            |          | Qvalue |          |
| 5) vinyl chloride             | 1.275    | 62    | 9557       | 1.139    | ug/L   | 95       |
| 16) Methylene chloride        | 2.439    | 84    | 36955      | 3.818    | ug/L   | 95       |
| 20) cis-1,2-Dichloroethene    | 3.812    | 96    | 73546      | 8.690    | ug/L   | 97       |
| -----                         |          |       |            |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072224\  
Data File : VV036630.D  
Acq On : 22 Jul 2024 16:27  
Operator : SY/MD  
Sample : P3276-01  
Misc : 8.43g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1ZS4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:06:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 23 02:04:44 2024  
Response via : Initial Calibration

Reviewed By :Romaben Patel 07/23/2024  
Supervised By :Mahesh Dadoda 07/24/2024

