

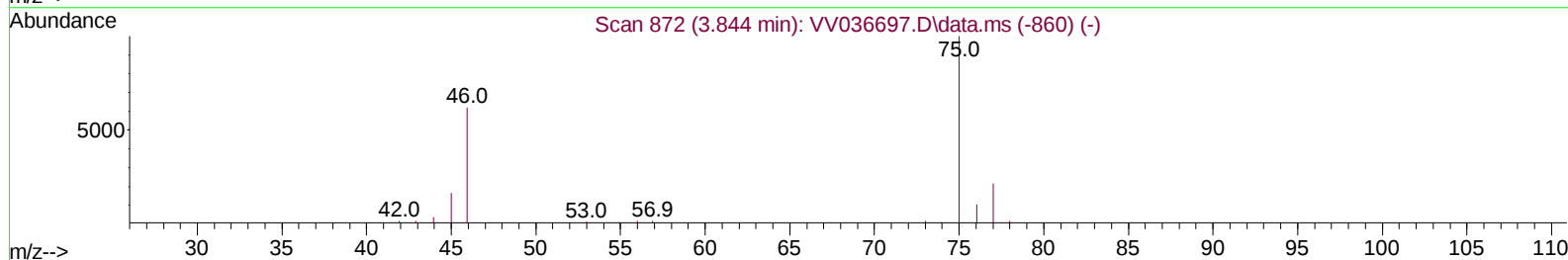
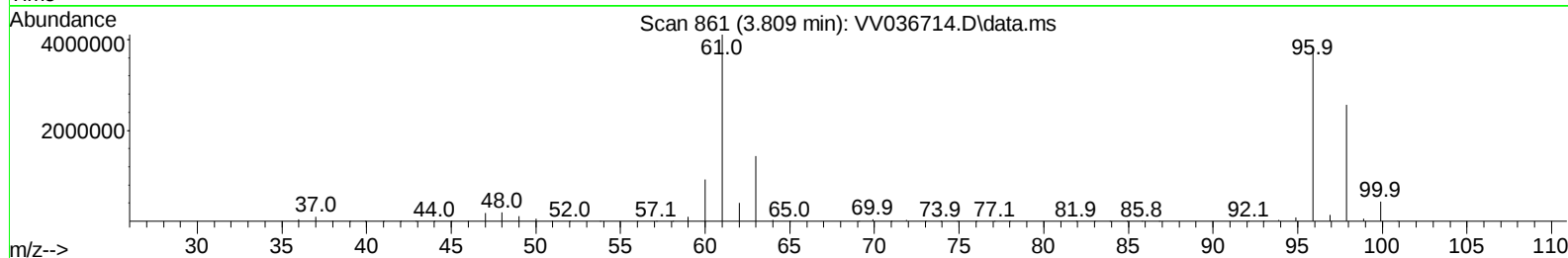
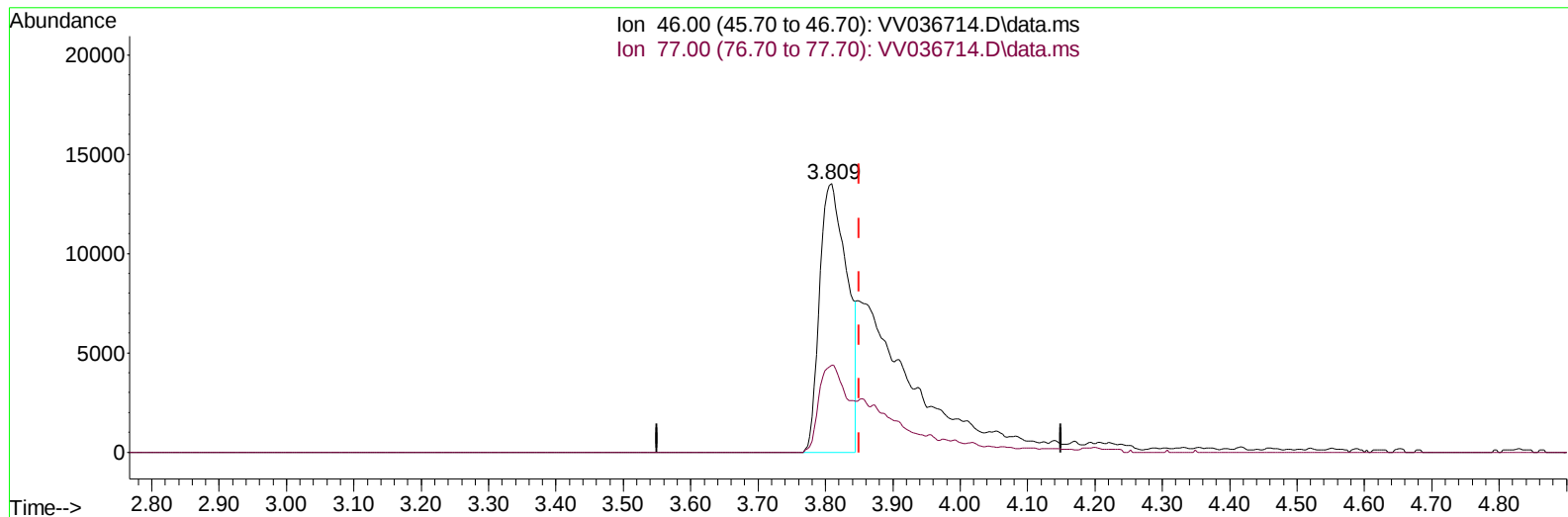
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072624\  
Data File : VV036714.D  
Acq On : 25 Jul 2024 17:55  
Operator : SY/MD  
Sample : P3328-16  
Misc : 9.17g/10mL/MSVOA\_V/SOIL/A  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E20L9

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/26/2024  
Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:02:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 25 00:49:57 2024  
Response via : Initial Calibration



TIC: VV036714.D\data.ms

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

3.809min (-0.042) 40.77 ug/L

response 38565

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 8.90   | 29.27# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

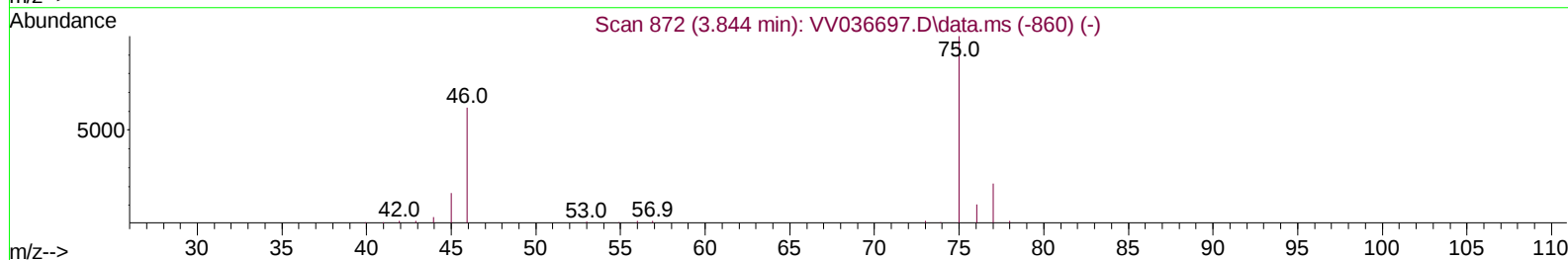
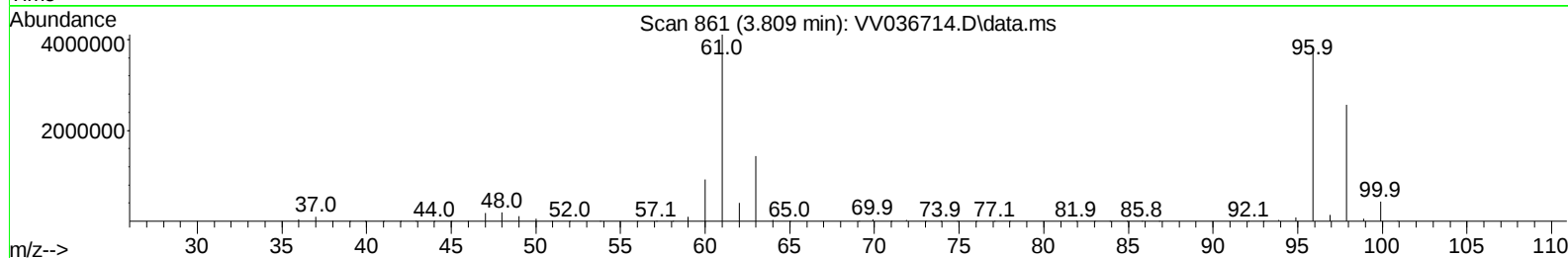
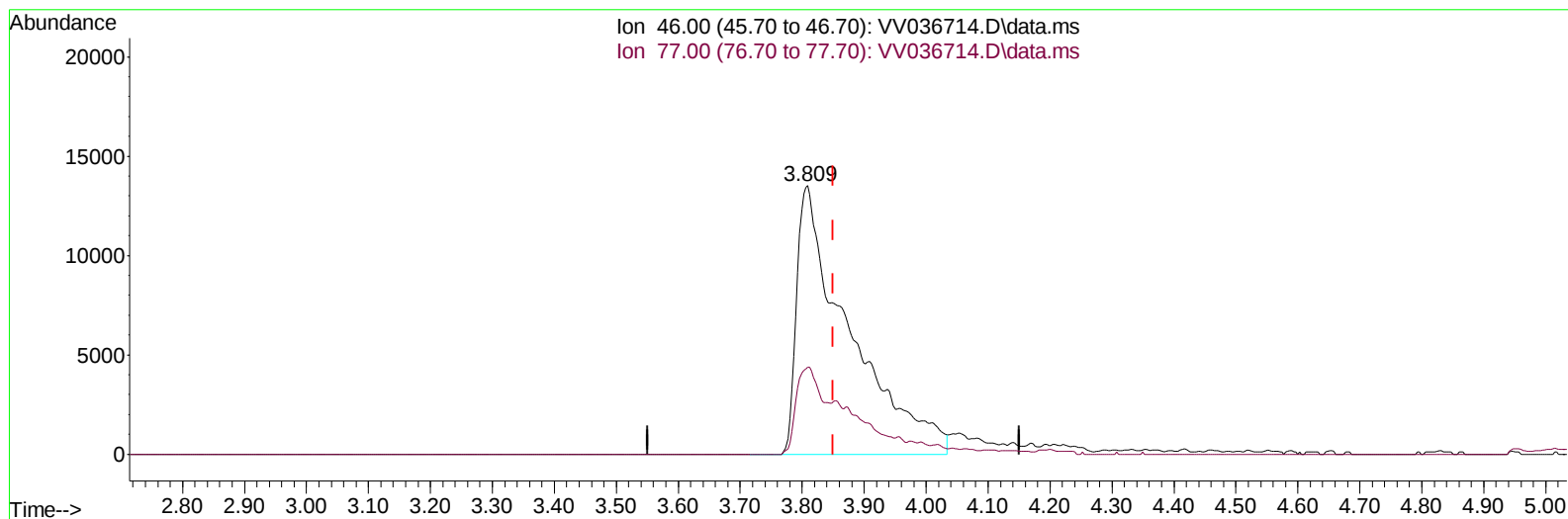
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TIC: VV036714.D\data.ms

(21) 2-Butanone-d5 (S)

3.809min (-0.042) 83.80 ug/L m

response 79274

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 8.90   | 14.24# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: Jul 26 05:02:52 2024  
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| Compound                      | R.T.     | QIon  | Response | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|----------|-----------|----------|
| -----                         |          |       |          |          |           |          |
| Internal Standards            |          |       |          |          |           |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   | 370084   | 25.000   | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 193146   | 25.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188   | 152   | 27723    | 25.000   | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |          |           |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 58797    | 14.506   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =        | 58.040%   |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 69899    | 19.093   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =        | 76.360%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.047    | 65    | 29675    | 13.846   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =        | 55.400%   |          |
| 21) 2-Butanone-d5             | 3.809    | 46    | 79274m   | 83.803   | ug/L      | -0.04    |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =        | 167.600%# |          |
| 24) Chloroform-d              | 4.243    | 84    | 206720   | 21.120   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =        | 84.480%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 114623   | 23.738   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =        | 94.960%   |          |
| 32) Benzene-d6                | 4.953    | 84    | 285380   | 31.175   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =        | 124.720%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.989    | 67    | 97793    | 37.493   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =        | 149.960%# |          |
| 41) Toluene-d8                | 7.243    | 98    | 155724   | 17.826   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =        | 71.320%   |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    | 34477    | 29.734   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =        | 118.920%  |          |
| 47) 2-Hexanone-d5             | 8.031    | 63    | 37631    | 108.409  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =        | 216.820%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    | 70664    | 31.084   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =        | 124.320%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561   | 152   | 23387    | 24.166   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =        | 96.680%   |          |
| Target Compounds              |          |       |          |          |           |          |
|                               |          |       |          |          | Qvalue    |          |
| 5) Vinyl chloride             | 1.275    | 62    | 47333    | 7.927    | ug/L      | 98       |
| 12) 1,1-Dichloroethene        | 2.060    | 96    | 8083     | 1.416    | ug/L #    | 1        |
| 16) Methylene chloride        | 2.439    | 84    | 107880   | 15.667   | ug/L      | 96       |
| 17) trans-1,2-Dichloroethene  | 2.687    | 96    | 119488   | 20.723   | ug/L      | 99       |
| 20) cis-1,2-Dichloroethene    | 3.802    | 96    | 10064807 | 1671.455 | ug/L      | 96       |
| 34) Trichloroethene           | 5.834    | 95    | 23424921 | 6525.844 | ug/L      | 96       |
| 42) Toluene                   | 7.333    | 91    | 10580    | 0.871    | ug/L      | 90       |
| 45) 1,1,2-Trichloroethane     | 7.770    | 97    | 26606    | 10.807   | ug/L      | 93       |
| 46) Tetrachloroethene         | 7.908    | 164   | 2169     | 0.609    | ug/L      | 91       |
| -----                         |          |       |          |          |           |          |

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

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