

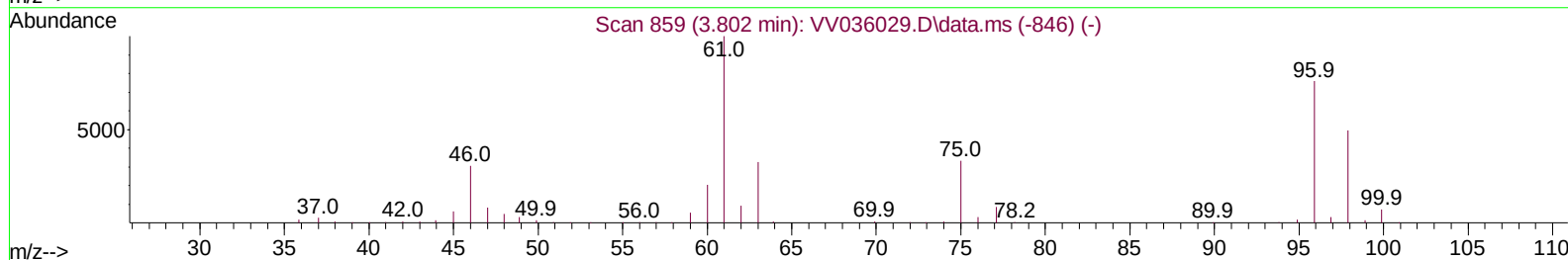
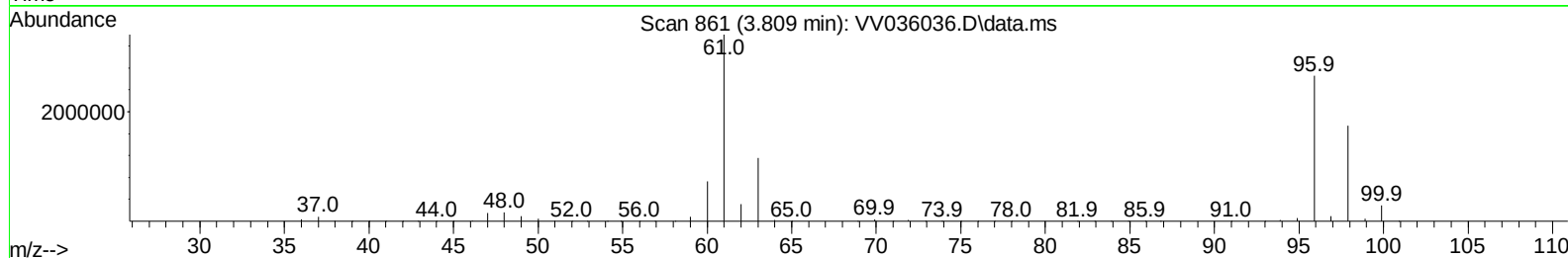
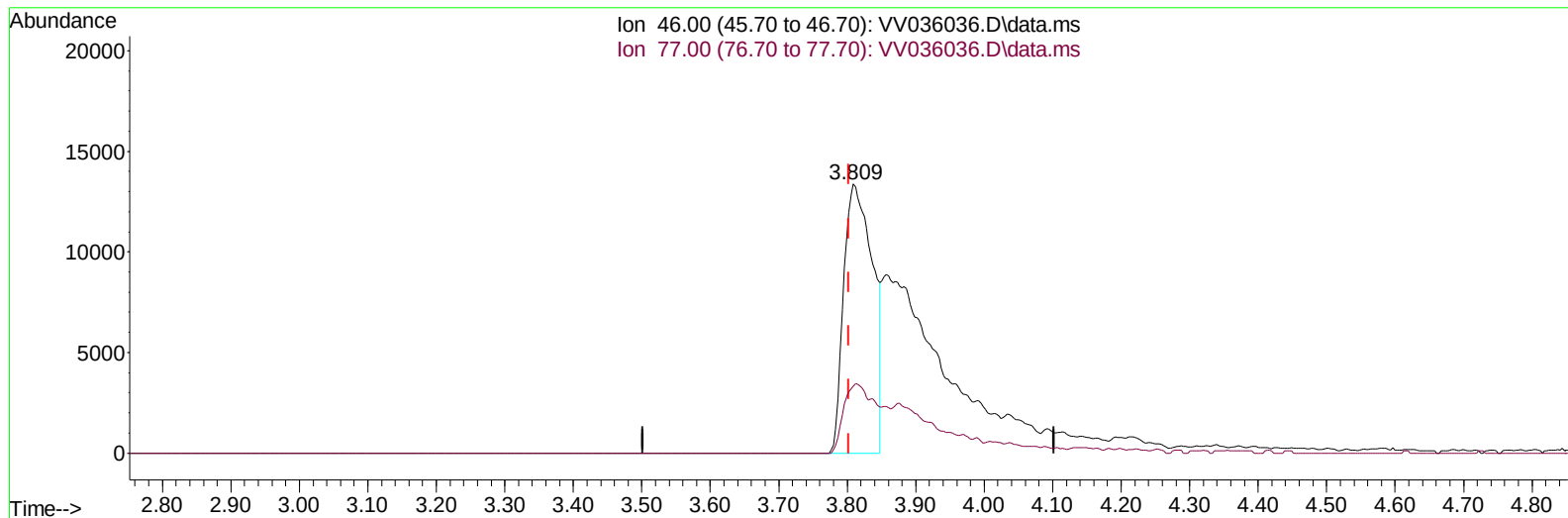
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
 Data File : VV036036.D  
 Acq On : 11 Jun 2024 15:56  
 Operator : SY/MD  
 Sample : P2798-06  
 Misc : 5.31g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB17

Manual IntegrationsAPPROVED

Quant Time: Jun 12 02:08:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 12 02:05:45 2024  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/12/2024  
 Supervised By :Semsettin Yesilyurt 06/12/2024



TIC: VV036036.D\data.ms

(21) 2-Butanone-d5 (S)

3.809min (+ 0.007) 26.44 ug/L

response 39255

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.90  | 20.28# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

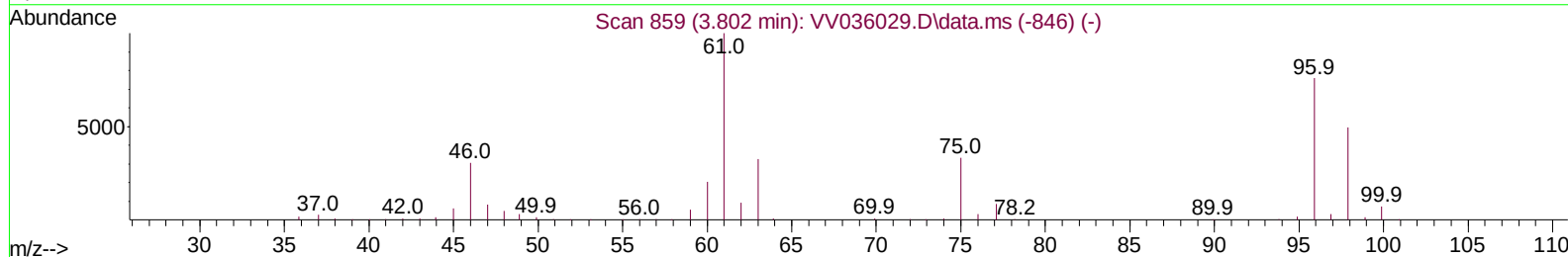
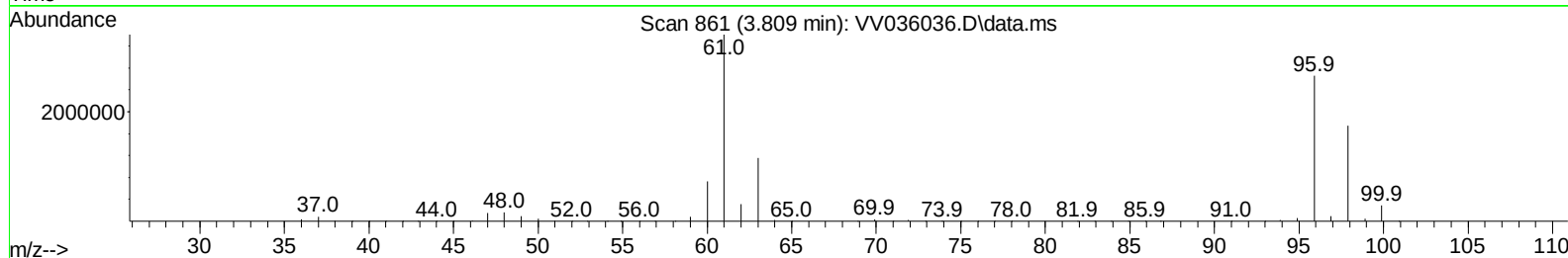
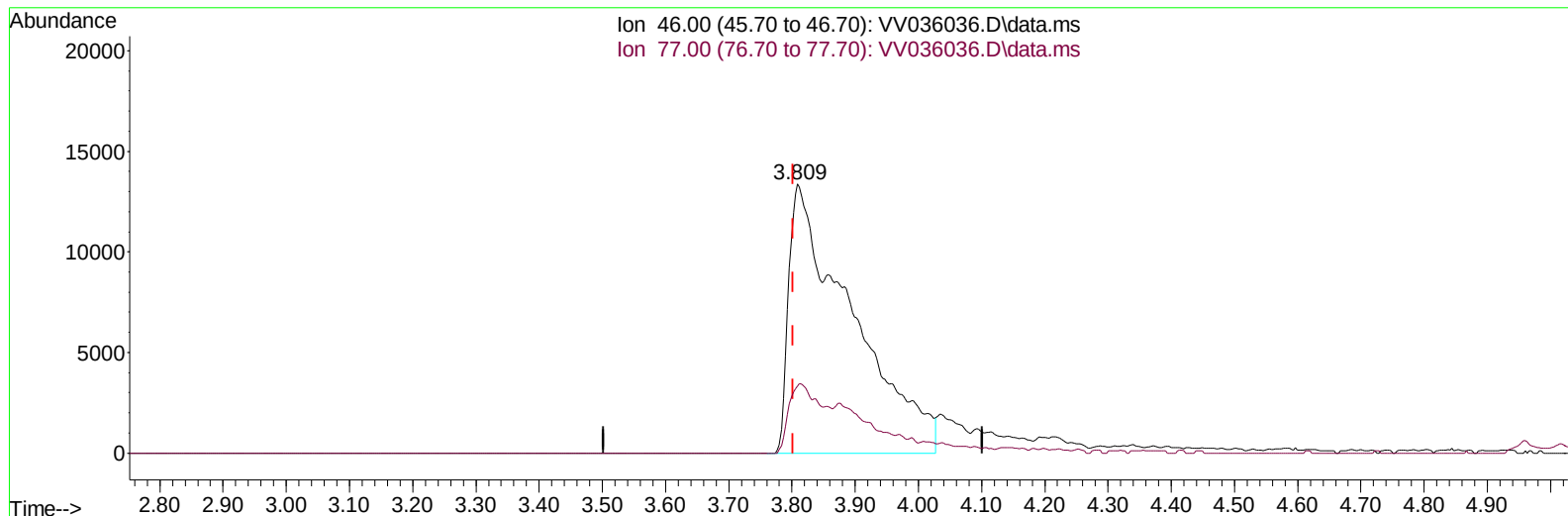
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036036.D  
Acq On : 11 Jun 2024 15:56  
Operator : SY/MD  
Sample : P2798-06  
Misc : 5.31g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB17

Manual IntegrationsAPPROVED

Quant Time: Jun 12 02:08:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 12 02:05:45 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/12/2024  
Supervised By :Semsettin Yesilyurt 06/12/2024



TIC: VV036036.D\data.ms

(21) 2-Butanone-d5 (S)

3.809min (+ 0.007) 61.78 ug/L m

response 91743

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 11.90  | 8.68   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
 Data File : VV036036.D  
 Acq On : 11 Jun 2024 15:56  
 Operator : SY/MD  
 Sample : P2798-06  
 Misc : 5.31g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB17

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/12/2024  
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:08:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 12 02:05:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|----------|-----------|----------|
| -----                         |          |       |          |          |           |          |
| Internal Standards            |          |       |          |          |           |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   | 352037   | 25.000   | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 375679   | 25.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181   | 152   | 180248   | 25.000   | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |          |           |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    | 146971   | 22.708   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =        | 90.840%   |          |
| 7) Chloroethane-d5            | 1.529    | 69    | 134863   | 26.133   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =        | 104.520%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    | 69347    | 24.068   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =        | 96.280%   |          |
| 21) 2-Butanone-d5             | 3.809    | 46    | 91743m   | 61.781   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =        | 123.560%  |          |
| 24) Chloroform-d              | 4.246    | 84    | 307969   | 27.517   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =        | 110.080%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    | 166543   | 28.381   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =        | 113.520%  |          |
| 32) Benzene-d6                | 4.957    | 84    | 601567   | 26.938   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =        | 107.760%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 202218   | 28.755   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =        | 115.040%  |          |
| 41) Toluene-d8                | 7.239    | 98    | 499092   | 25.330   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =        | 101.320%  |          |
| 43) trans-1,3-Dichloroprop... | 7.551    | 79    | 75555    | 26.203   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =        | 104.800%  |          |
| 47) 2-Hexanone-d5             | 8.030    | 63    | 62443    | 65.537   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =        | 131.080%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    | 169829   | 32.317   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =        | 129.280%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   | 206613   | 31.258   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =        | 125.040%# |          |
| Target Compounds              |          |       |          |          |           |          |
|                               |          |       |          |          | Qvalue    |          |
| 16) Methylene chloride        | 2.445    | 84    | 38798    | 4.871    | ug/L      | 99       |
| 17) trans-1,2-Dichloroethene  | 2.696    | 96    | 5812     | 0.971    | ug/L      | 95       |
| 19) 1,1-Dichloroethane        | 3.111    | 63    | 14452    | 1.267    | ug/L      | 99       |
| 20) cis-1,2-Dichloroethene    | 3.806    | 96    | 6338617  | 1053.406 | ug/L      | 97       |
| 25) Chloroform                | 4.272    | 83    | 8491     | 0.724    | ug/L      | 97       |
| 34) Trichloroethene           | 5.828    | 95    | 260412   | 34.581   | ug/L      | 99       |
| 42) Toluene                   | 7.330    | 91    | 13208    | 0.526    | ug/L      | 93       |
| 46) Tetrachloroethene         | 7.902    | 164   | 699466   | 127.001  | ug/L      | 99       |
| -----                         |          |       |          |          |           |          |

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

Manual IntegrationsAPPROVED

Quant Time: Jun 12 02:08:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 12 02:05:45 2024  
Response via : Initial Calibration

