Quantitation Report (Qedit)

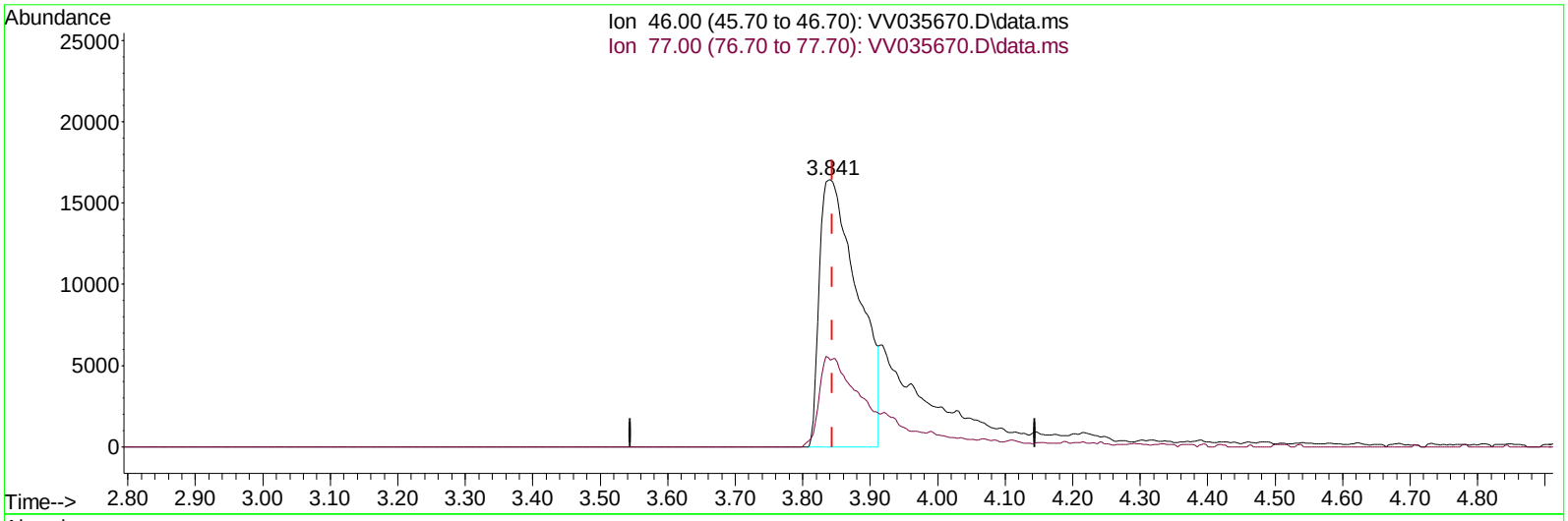
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
Data File : VV035670.D
Acq On : 22 May 2024 13:11
Operator : SY/MD
Sample : VIBLK286
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 12 Sample Multiplier: 1

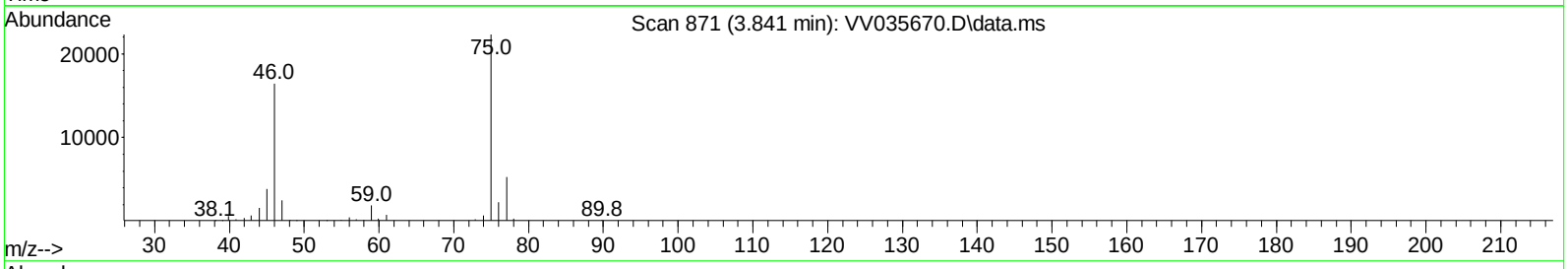
Quant Time: May 23 02:23:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 02:17:29 2024
Response via : Initial Calibration

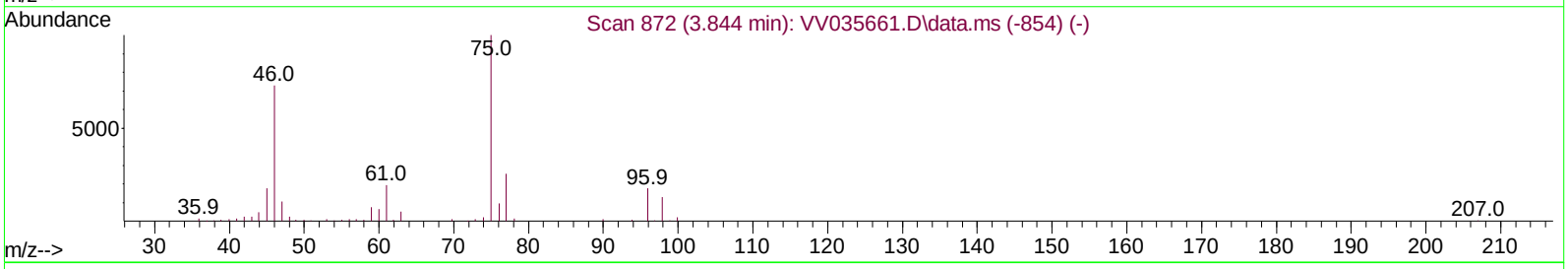
**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK286

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 05/27/2024
Supervised By :Mahesh Dadoda 05/27/2024




TIC: VV035670.D\data.ms

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

**3.841min (-0.003) 27.07 ug/L**

**response 64983**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10 | 10.43 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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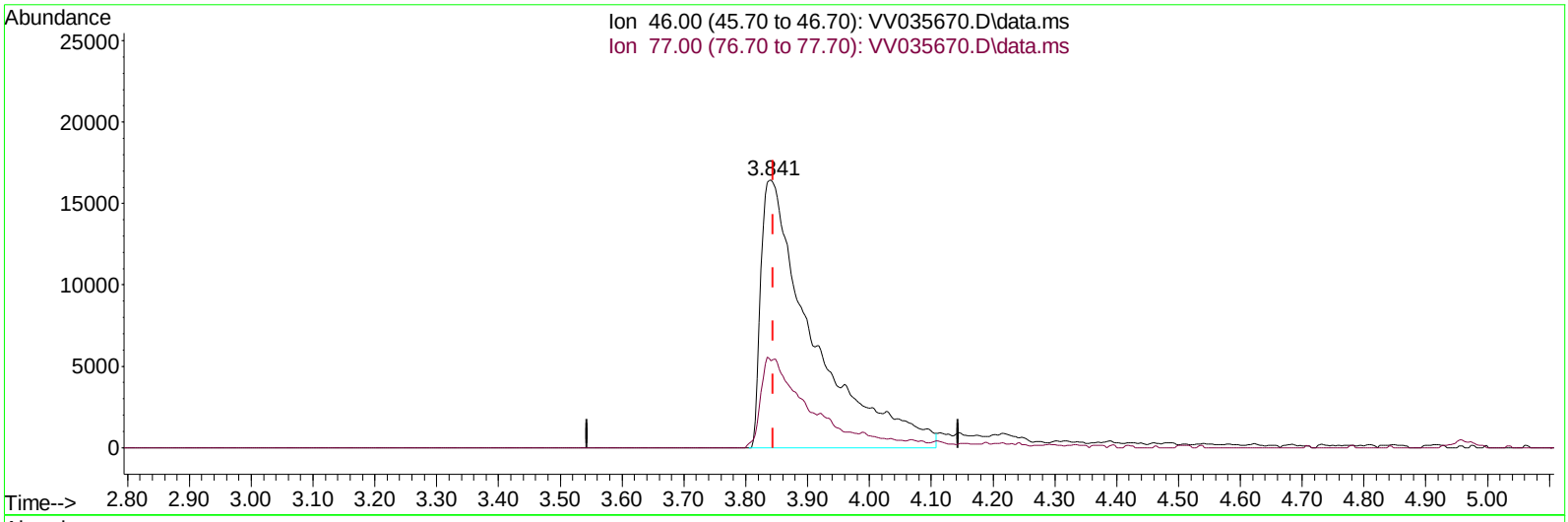


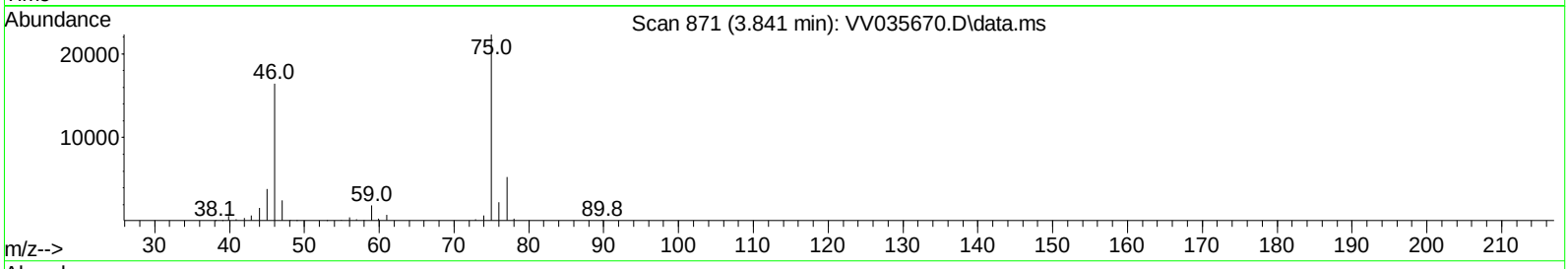


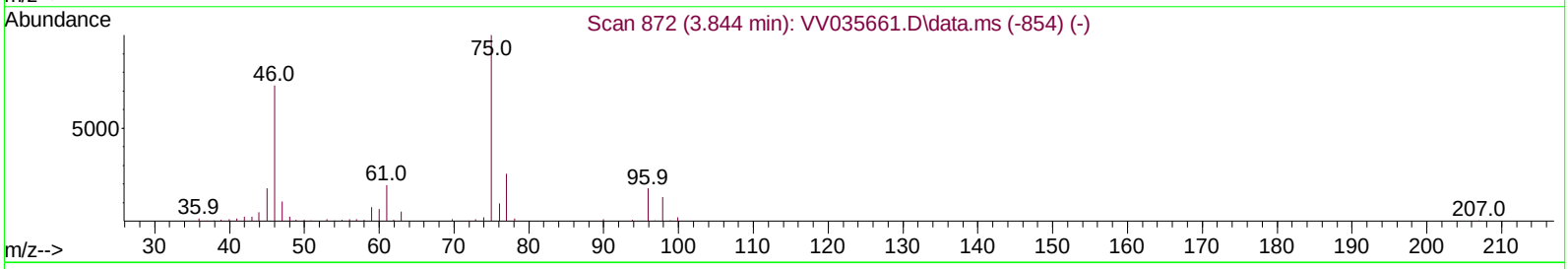


TIC: VV035670.D\data.ms

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

**3.841min (-0.003) 40.03 ug/L m**

**response 96096**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10 | 7.05# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
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Quant Title : VOC Analysis
QLast Update : Thu May 23 02:17:29 2024
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**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK286

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 547234 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 573264 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 260364 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 106506 | 12.592 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = | 50.360% | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 100540 | 14.734 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = | 58.920% | | |
| 11) 1,1-Dichloroethene-d2 | 2.053 | 65 | 51628 | 13.788 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = | 55.160% | | |
| 21) 2-Butanone-d5 | 3.841 | 46 | 96096m | 40.034 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = | 80.060% | | |
| 24) Chloroform-d | 4.246 | 84 | 274067 | 16.846 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = | 67.400% | | |
| 26) 1,2-Dichloroethane-d4 | 4.944 | 65 | 150283 | 18.685 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = | 74.760% | | |
| 32) Benzene-d6 | 4.960 | 84 | 479174 | 15.270 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = | 61.080% | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 170397 | 17.595 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = | 70.400% | | |
| 41) Toluene-d8 | 7.243 | 98 | 386733 | 13.847 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = | 55.400% | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 61602 | 14.874 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = | 59.480% | | |
| 47) 2-Hexanone-d5 | 8.034 | 63 | 55997 | 32.157 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = | 64.320% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 163061 | 17.474 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = | 69.880% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.558 | 152 | 178000 | 19.699 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = | 78.800% | | |

Target Compounds Qvalue

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

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