Quantitation Report (Qedit)

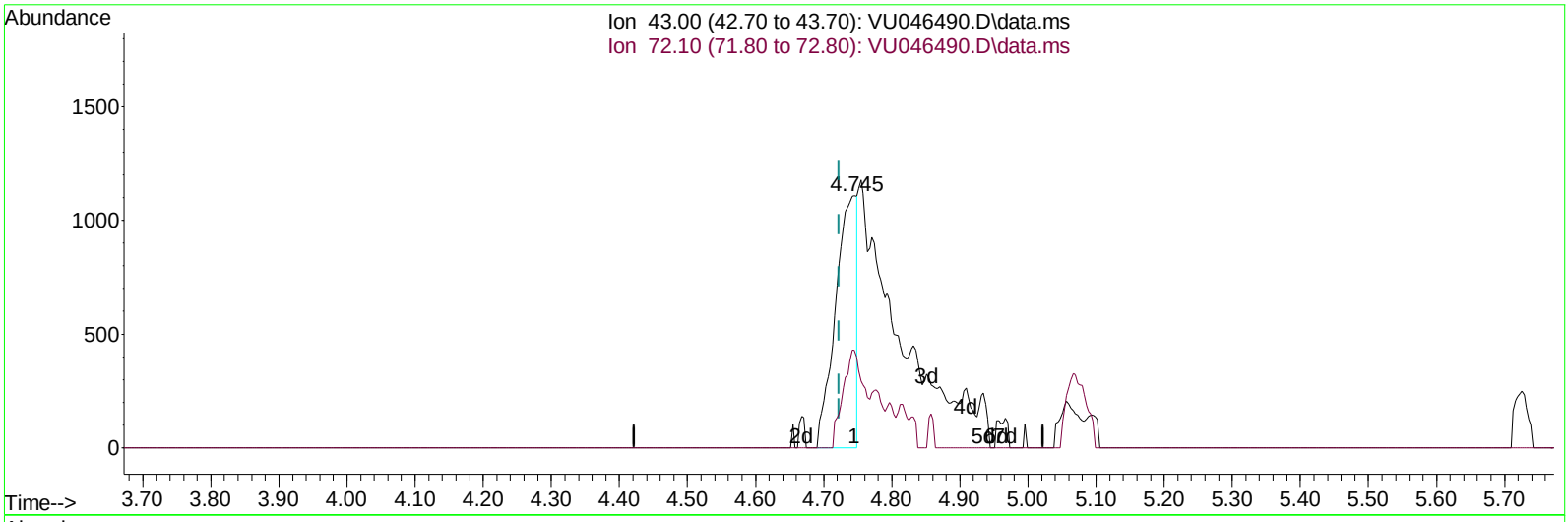
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
Data File : VU046490.D
Acq On : 19 Dec 2021 13:31
Operator : SY/MD
Sample : M5062-13ME
Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

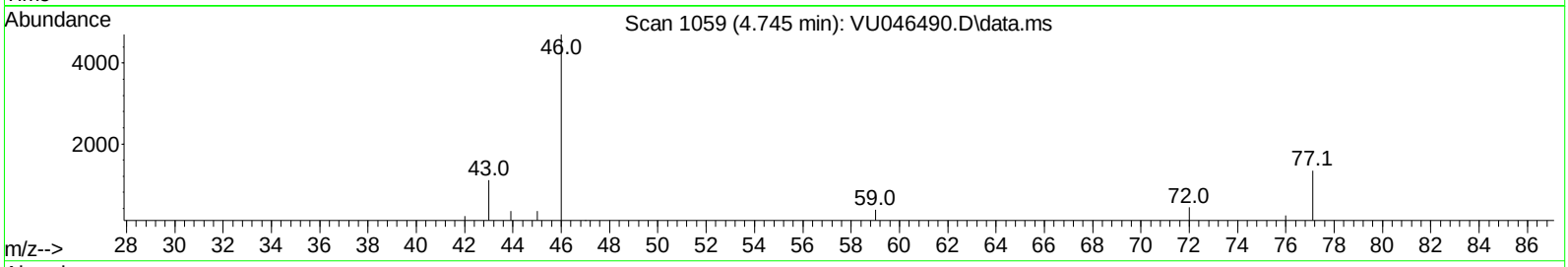
Quant Time: Dec 20 00:26:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

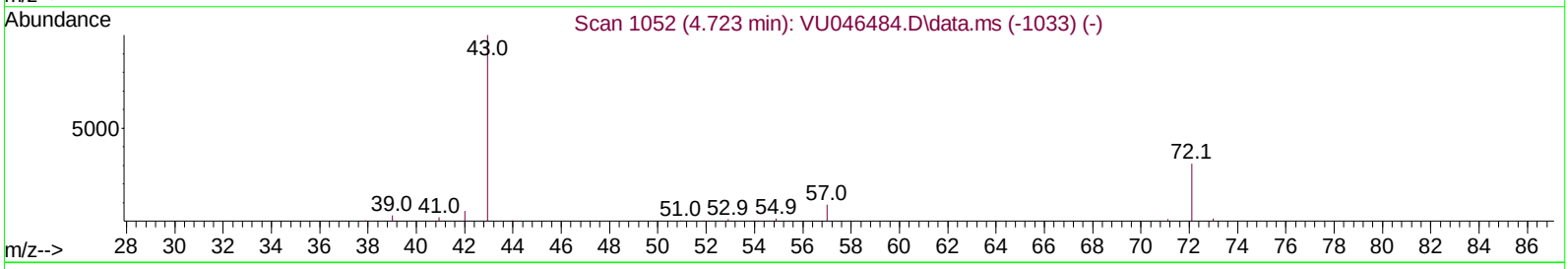
**Instrument :**
MSVOA_U
**ClientSampleId :**
BGL12ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021




TIC: VU046490.D\data.ms

**(22) 2-Butanone (T)**

**4.745min (+ 0.022) 1.76 ug/L**

**response 2379**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 29.10 | 38.29 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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**Instrument :**
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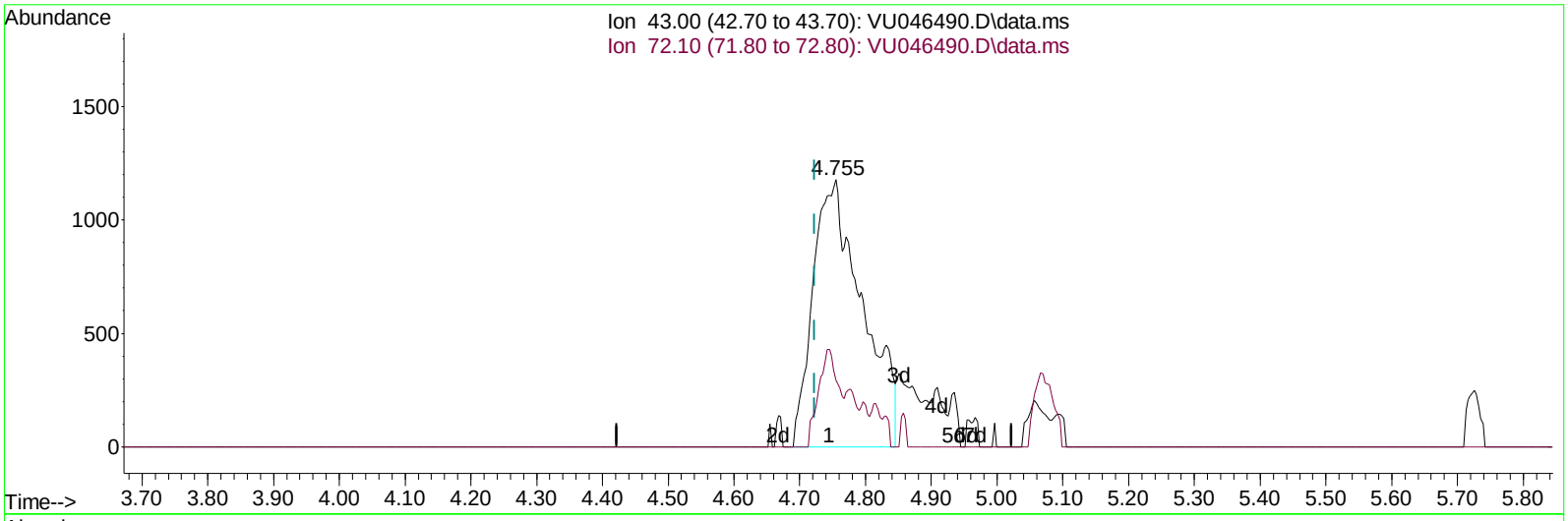


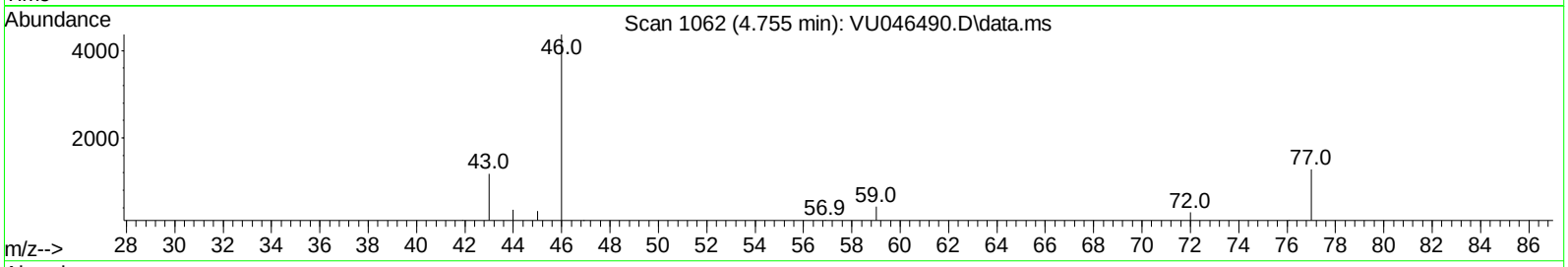


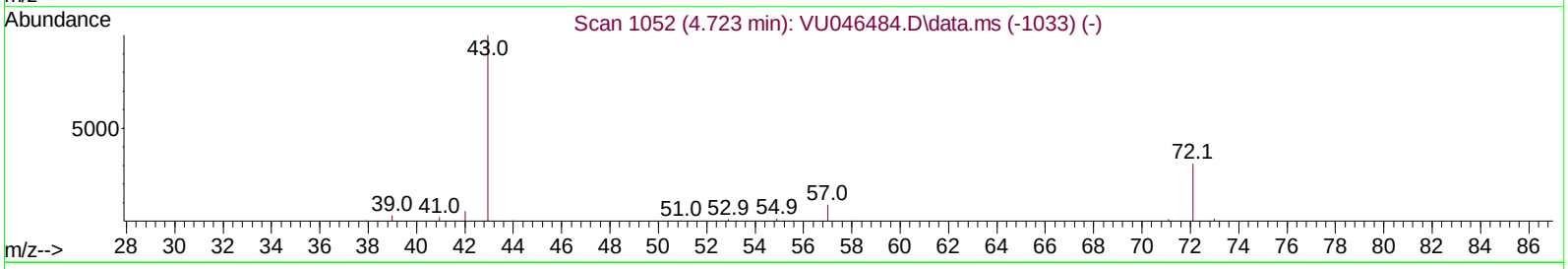


TIC: VU046490.D\data.ms

**(22) 2-Butanone (T)**

**4.755min (+ 0.032) 4.54 ug/L m**

**response 6119**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 29.10 | 14.89 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
Data File : VU046490.D
Acq On : 19 Dec 2021 13:31
Operator : SY/MD
Sample : M5062-13ME
Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 00:26:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
BGL12ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 151410 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.430 | 117 | 161528 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.822 | 152 | 80745 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.604 | 65 | 42950 | 34.436 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 68.880% | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 35489 | 37.060 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 74.120% | | |
| 11) 1,1-Dichloroethene-d2 | 2.555 | 63 | 53511 | 23.899 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 47.800%# | | |
| 21) 2-Butanone-d5 | 4.658 | 46 | 78877 | 79.554 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 79.550% | | |
| 24) Chloroform-d | 5.067 | 84 | 91339 | 43.853 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 87.700% | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 63206 | 45.218 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 90.440% | | |
| 32) Benzene-d6 | 5.726 | 84 | 176489 | 38.121 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 76.240% | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 57992 | 40.418 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 80.840% | | |
| 41) Toluene-d8 | 7.899 | 98 | 161597 | 38.336 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 76.680%# | | |
| 43) trans-1,3-Dichloroprop... | 8.189 | 79 | 29362 | 42.392 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 84.780% | | |
| 47) 2-Hexanone-d5 | 8.690 | 63 | 66807 | 98.202 | ug/L | 0.05 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 98.200% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.774 | 84 | 91528 | 42.063 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 84.120% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.201 | 152 | 64742 | 41.635 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 83.260% | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.568 | 96 | 4180 | 3.993 | ug/L # | 1 |
| 15) Methyl Acetate | 2.961 | 43 | 2348 | 1.625 | ug/L # | 72 |
| 19) 1,1-Dichloroethane | 3.867 | 63 | 5626 | 2.793 | ug/L | 96 |
| 20) cis-1,2-Dichloroethene | 4.671 | 96 | 1143 | 0.951 | ug/L | 88 |
| 22) 2-Butanone | 4.755 | 43 | 6119m | 4.536 | ug/L | |
| 34) Trichloroethene | 6.542 | 95 | 326872 | 253.797 | ug/L | 99 |
| 42) Toluene | 7.973 | 91 | 19824 | 3.779 | ug/L | 98 |
| 46) Tetrachloroethene | 8.555 | 164 | 1221204 | 1290.275 | ug/L | 99 |
| 53) m,p-Xylene | 9.700 | 106 | 3209 | 1.457 | ug/L | 100 |
| 54) o-xylene | 10.115 | 106 | 1411 | 0.660 | ug/L | 80 |

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

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