Quantitation Report (Qedit)

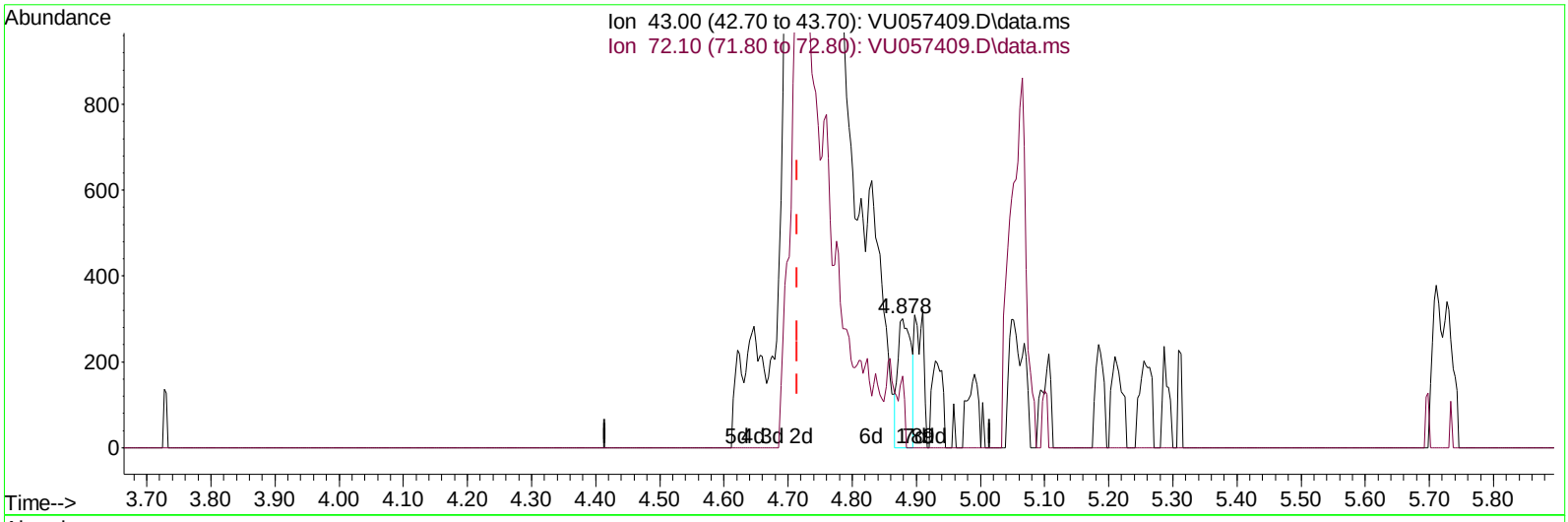
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057409.D
Acq On : 09 Jan 2024 02:21
Operator : MD/SY
Sample : P1058-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

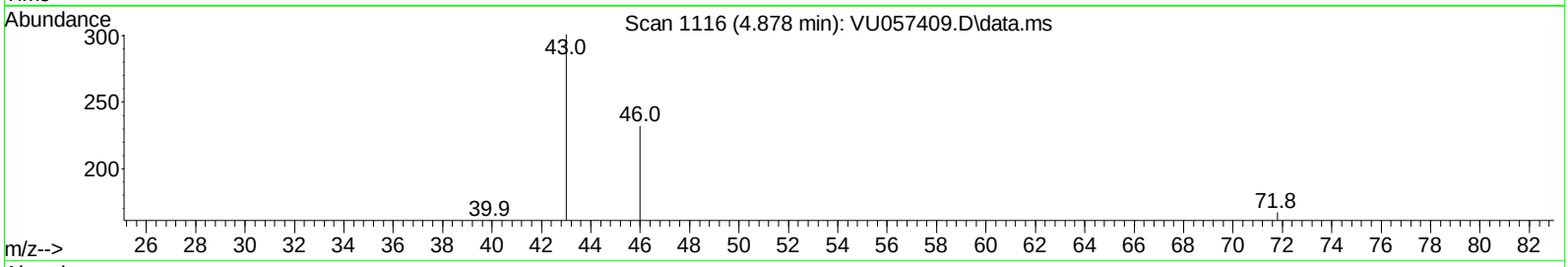
Quant Time: Jan 09 06:28:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

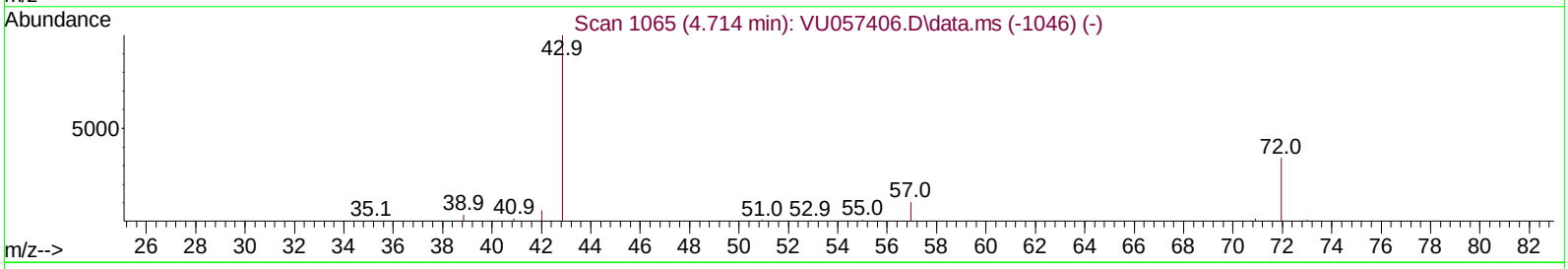
**Instrument :**
MSVOA_U
**ClientSampleId :**
YCHA2

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024




TIC: VU057409.D\data.ms

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

**4.878min (+ 0.164) 0.40 ug/L**

**response 432**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 30.40 | 18.98 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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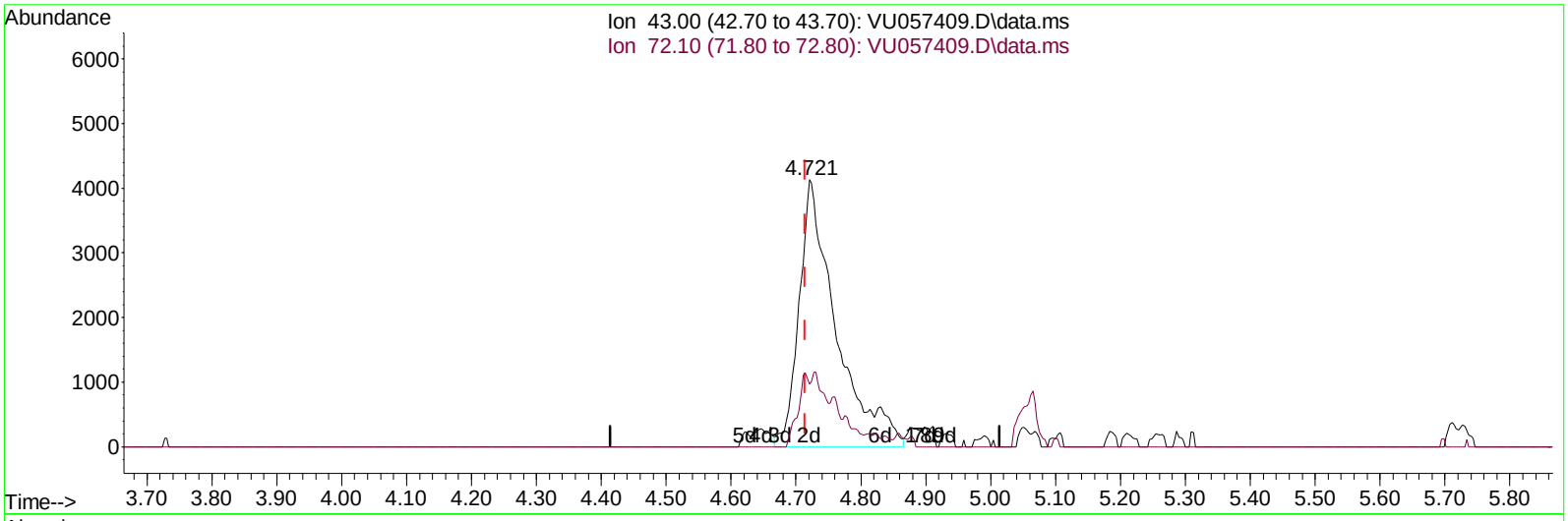


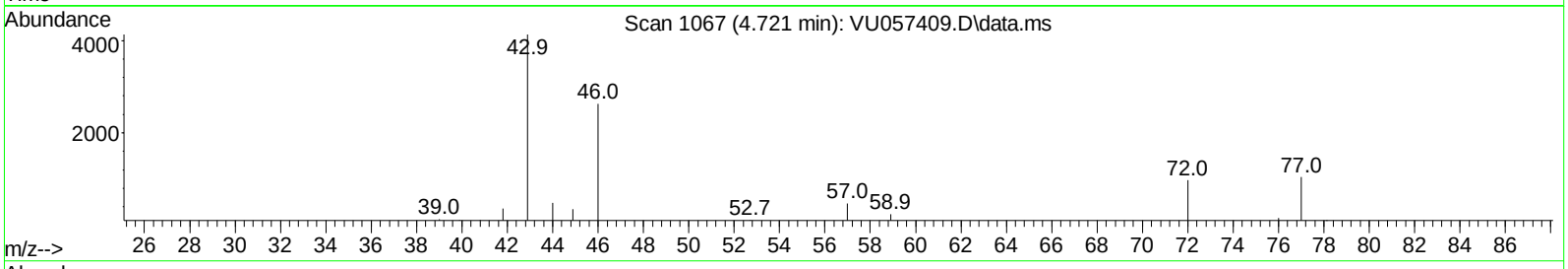


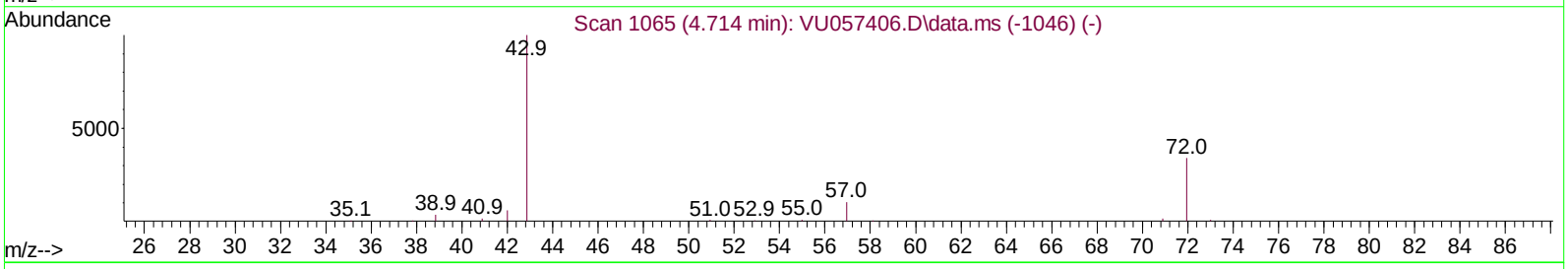


TIC: VU057409.D\data.ms

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

**4.721min (+ 0.006) 15.16 ug/L m**

**response 16303**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.10 | 30.40 | 0.50# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057409.D
Acq On : 09 Jan 2024 02:21
Operator : MD/SY
Sample : P1058-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jan 09 06:28:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
YCHA2

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 268707 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.415 | 117 | 256981 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 108098 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.599 | 65 | 78688 | 42.547 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 85.100% | | | |
| 7) Chloroethane-d5 | 1.914 | 69 | 61303 | 42.833 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 85.660% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.557 | 63 | 143027 | 36.487 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 72.980% | | | |
| 21) 2-Butanone-d5 | 4.637 | 46 | 88132 | 98.345 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 98.340% | | | |
| 24) Chloroform-d | 5.052 | 84 | 185415 | 42.396 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 132686 | 45.925 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.860% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 330391 | 47.895 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 93815 | 48.185 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 96.380% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 298892 | 46.237 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 92.480% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 52246 | 44.958 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.920% | | | |
| 47) 2-Hexanone-d5 | 8.650 | 63 | 64697 | 101.649 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 101.650% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84 | 132142 | 45.417 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 90.840% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 103603 | 49.002 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.570 | 96 | 30803 | 16.918 | ug/L # | 49 |
| 13) Acetone | 2.650 | 43 | 27399 | 25.106 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.862 | 63 | 13484 | 3.910 | ug/L | 94 |
| 20) cis-1,2-Dichloroethene | 4.656 | 96 | 7274 | 3.651 | ug/L | 91 |
| 22) 2-Butanone | 4.721 | 43 | 16303m | 15.161 | ug/L | |
| 30) 1,1,1-Trichloroethane | 5.309 | 97 | 5916 | 1.496 | ug/L | 96 |

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

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