Quantitation Report (Qedit)

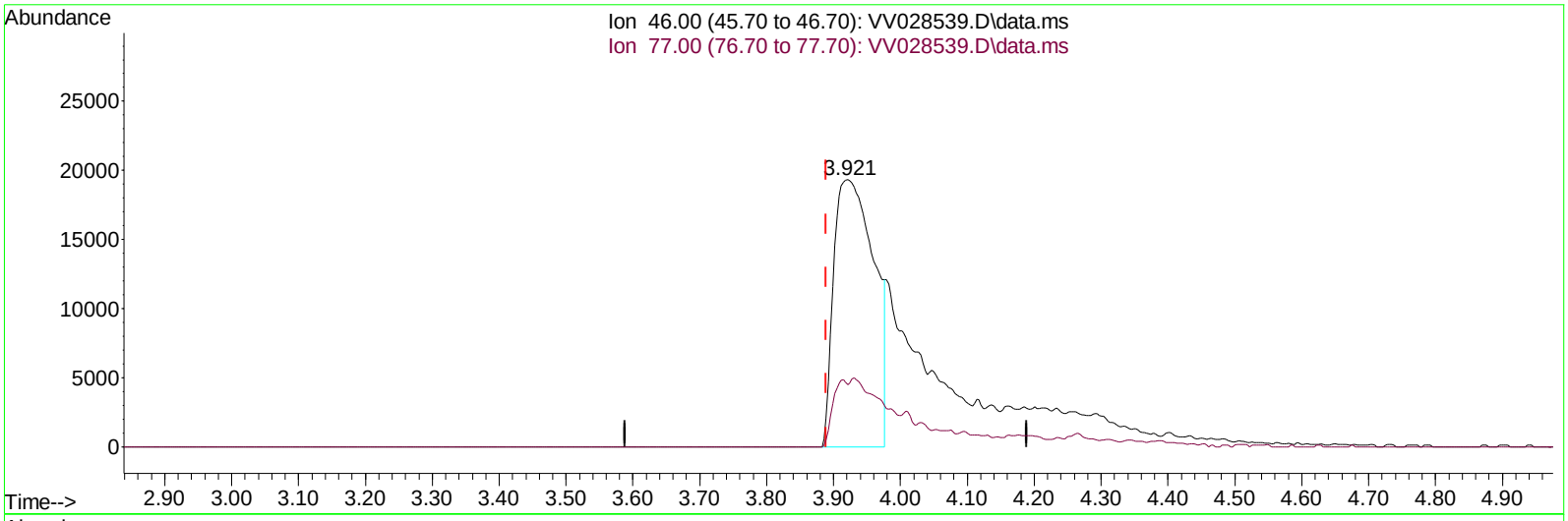
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101322\
Data File : VV028539.D
Acq On : 13 Oct 2022 16:05
Operator : SY/MD
Sample : N5049-13ME
Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

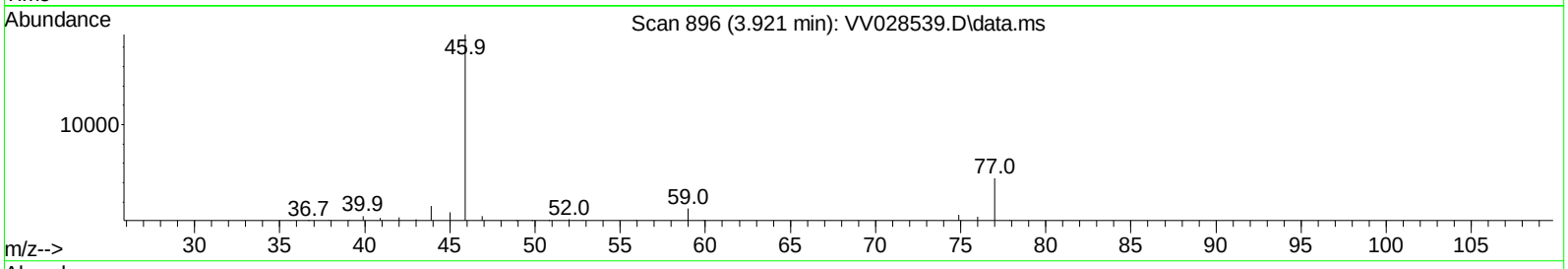
Quant Time: Oct 14 04:50:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 14 04:49:18 2022
Response via : Initial Calibration

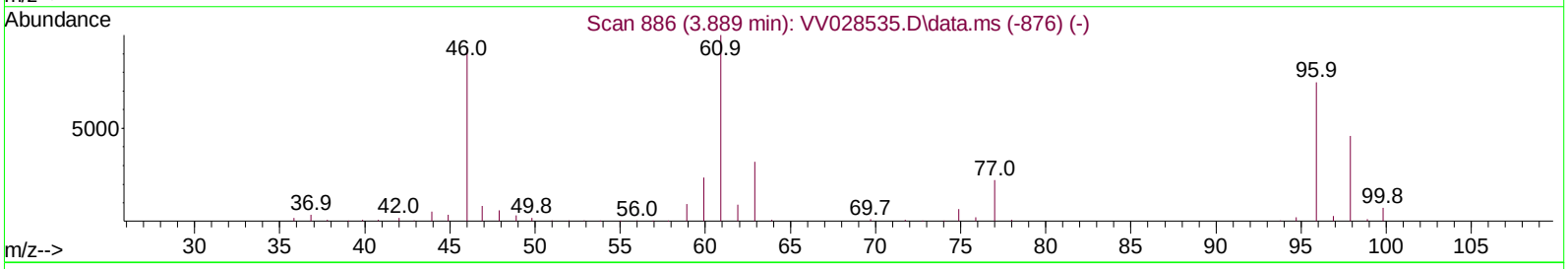
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BR9ME

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022




TIC: VV028539.D\data.ms

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

**3.921min (+ 0.032) 47.47 ug/L**

**response 80586**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.10 | 9.24# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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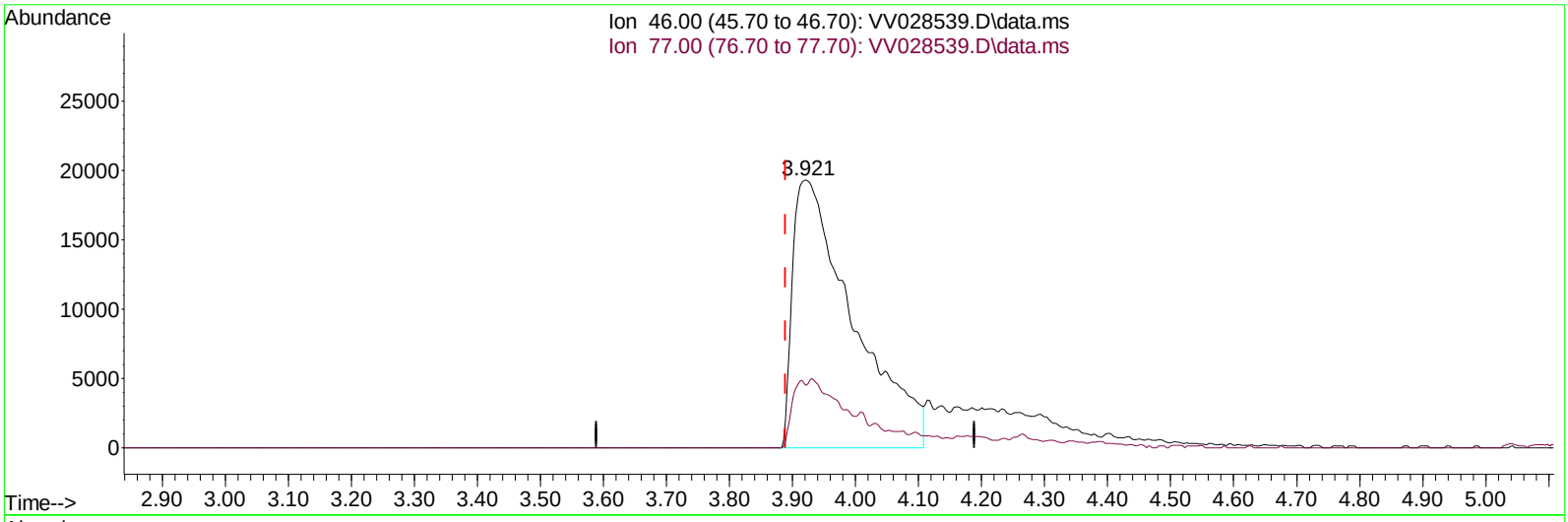


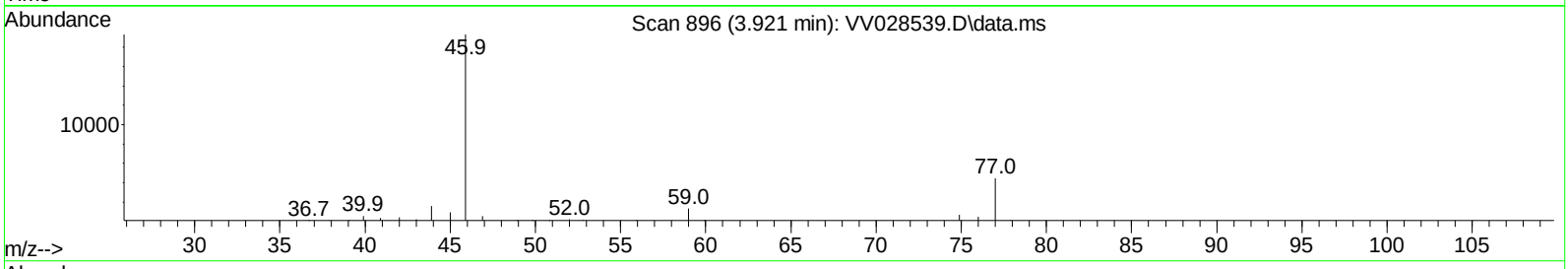


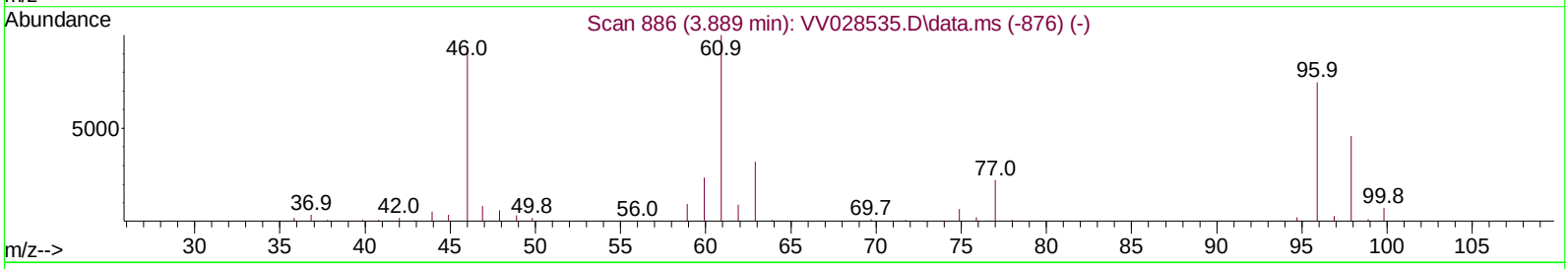


TIC: VV028539.D\data.ms

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

**3.921min (+ 0.032) 75.80 ug/L m**

**response 128664**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.10 | 5.79# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101322\
Data File : VV028539.D
Acq On : 13 Oct 2022 16:05
Operator : SY/MD
Sample : N5049-13ME
Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BR9ME

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/17/2022
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Quant Time: Oct 14 04:50:38 2022
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Quant Title : VOC Analysis
QLast Update : Fri Oct 14 04:49:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 251306 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 245215 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 138225 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 37964 | 19.578 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 39.160%# | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 32388 | 21.065 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 42.120%# | | |
| 11) 1,1-Dichloroethene-d2 | 2.088 | 63 | 75715 | 22.943 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 45.880%# | | |
| 21) 2-Butanone-d5 | 3.921 | 46 | 128664m | 75.797 | ug/L | 0.03 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 75.800% | | |
| 24) Chloroform-d | 4.339 | 84 | 149964 | 42.168 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 84.340% | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 112033 | 48.846 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 97.700% | | |
| 32) Benzene-d6 | 5.040 | 84 | 236802 | 30.137 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 60.280%# | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 86331 | 33.698 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 67.400%# | | |
| 41) Toluene-d8 | 7.310 | 98 | 217747 | 30.952 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 61.900%# | | |
| 43) trans-1,3-Dichloroprop... | 7.619 | 79 | 53876 | 41.259 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 82.520% | | |
| 47) 2-Hexanone-d5 | 8.111 | 63 | 120594 | 86.533 | ug/L | 0.03 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 86.530% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84 | 156955 | 44.771 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 89.540% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.619 | 152 | 131391 | 45.875 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 91.740% | | |
| Target Compounds | | | | | | Qvalue |
| 29) Cyclohexane | 4.667 | 56 | 3455 | 0.980 | ug/L # | 71 |
| 35) Methylcyclohexane | 6.120 | 83 | 13856 | 3.984 | ug/L | 99 |
| 53) m,p-Xylene | 9.140 | 106 | 4301 | 1.252 | ug/L | 94 |
| 54) o-Xylene | 9.541 | 106 | 4161 | 1.210 | ug/L | 94 |
| 63) 1,2,4-Trimethylbenzene | 10.914 | 105 | 6933 | 0.810 | ug/L | 97 |

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

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