Quantitation Report (Qedit)

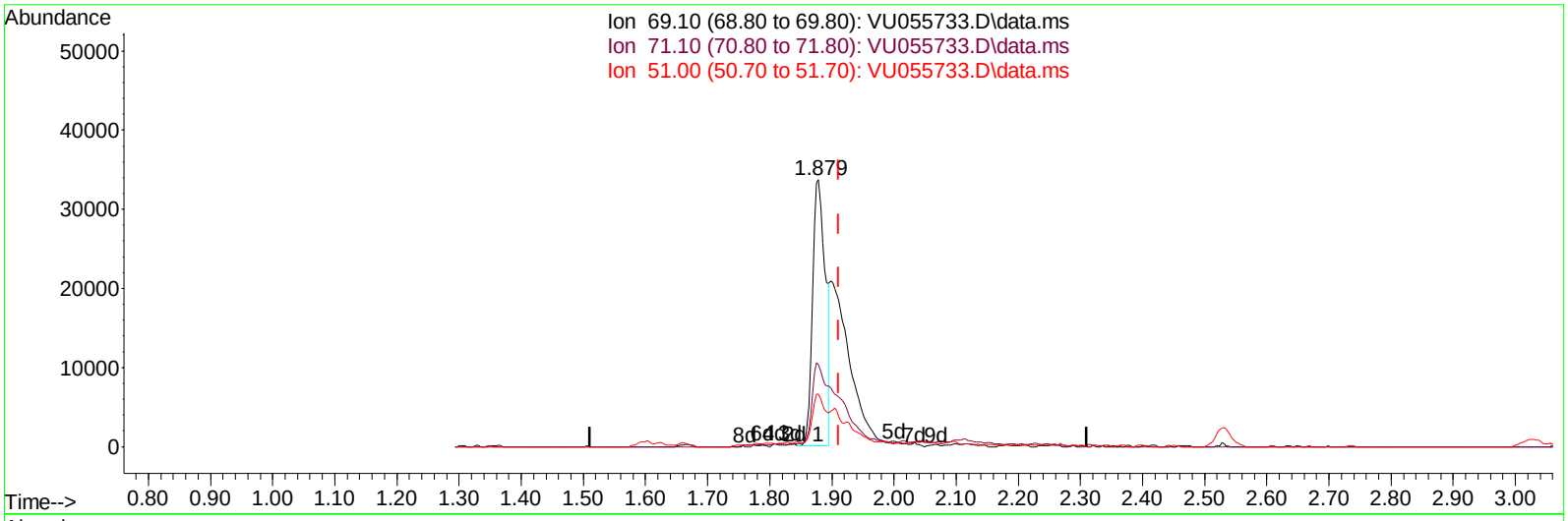
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

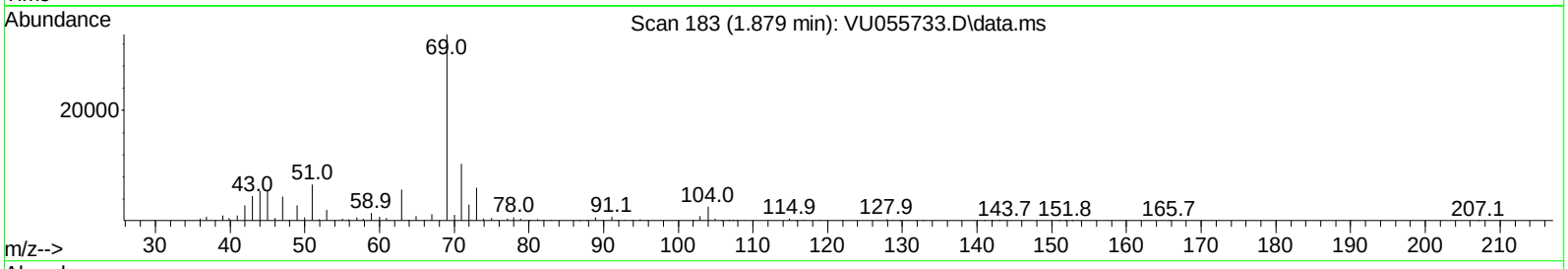
Quant Time: Oct 11 05:57:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
Response via : Initial Calibration

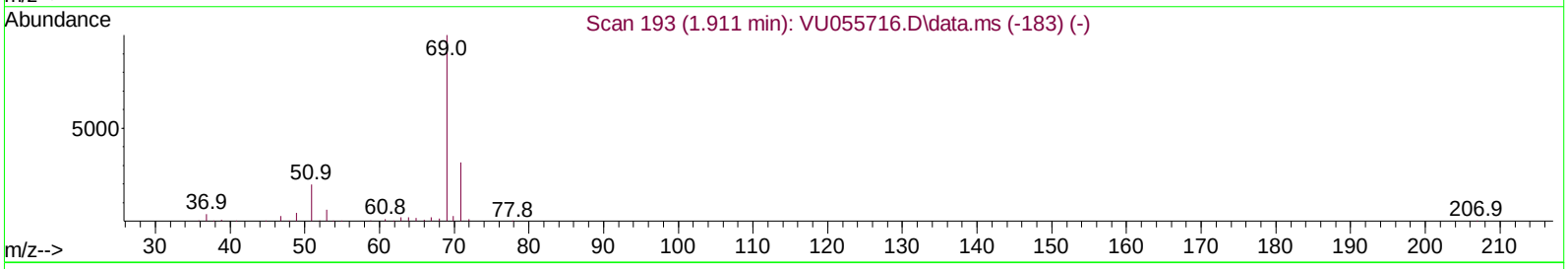
**Instrument :**
MSVOA_U
**ClientSampleId :**
EX837

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023




TIC: VU055733.D\data.ms

**(7) Chloroethane-d5 (S)**

**1.879min (-0.032) 12.99 ug/L**

**response 48728**

| Ion | Exp% | Act% |
|---|---|---|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.70 | 62.10# |
| 51.00 | 24.90 | 18.80 |
| 0.00 | 0.00 | 0.00 |

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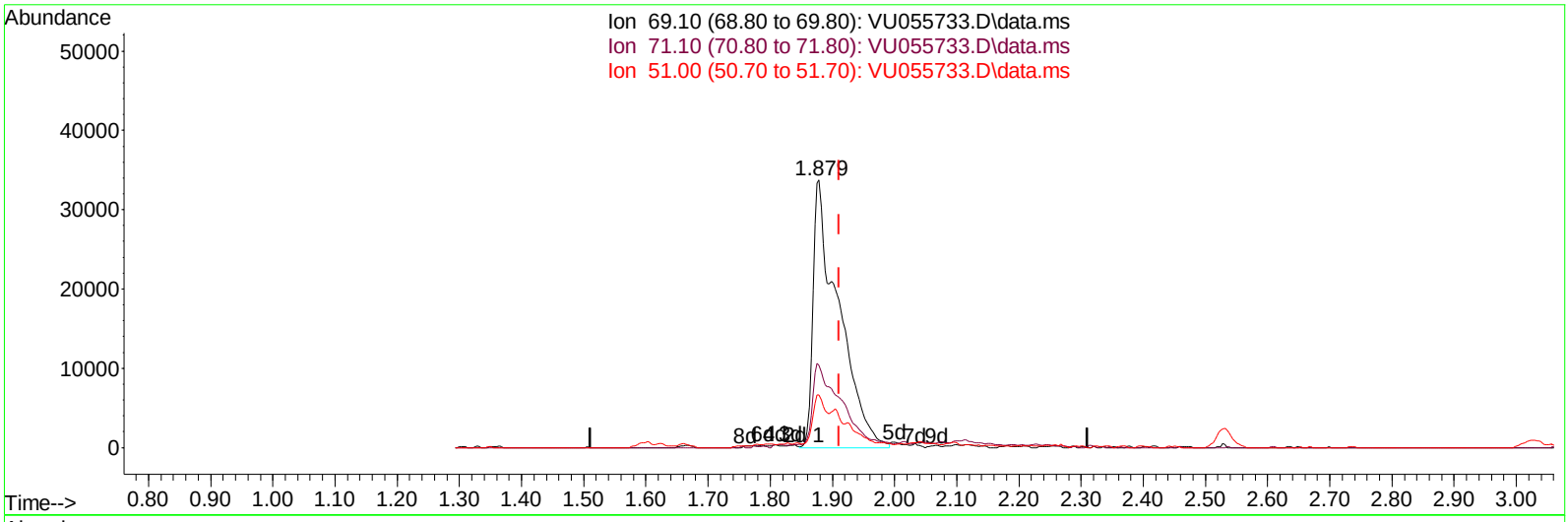


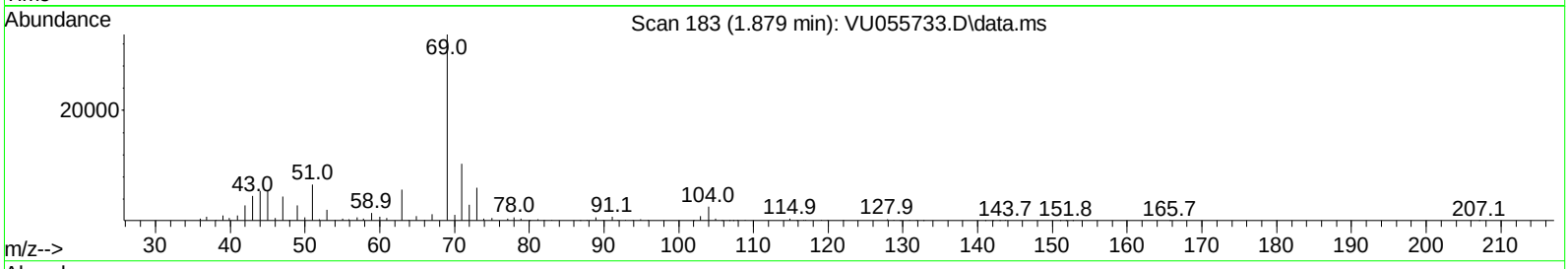


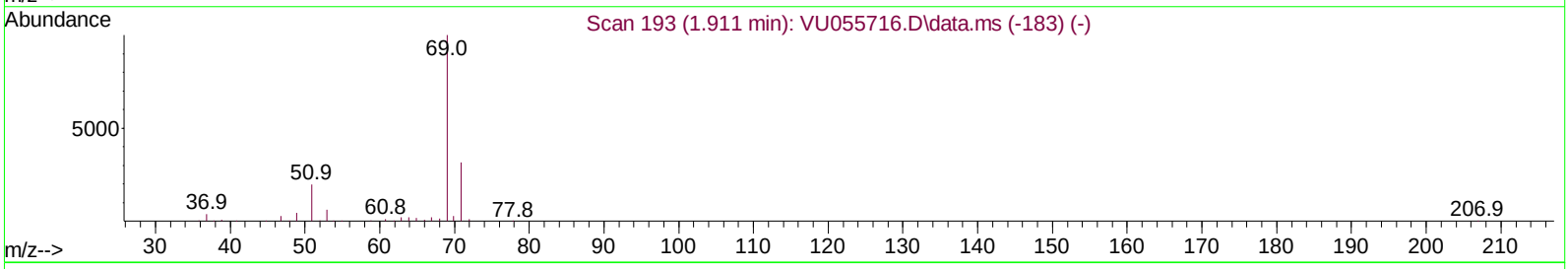


TIC: VU055733.D\data.ms

**(7) Chloroethane-d5 (S)**

**1.879min (-0.032) 25.53 ug/L m**

**response 95795**

| Ion | Exp% | Act% |
|---|---|---|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.70 | 31.59 |
| 51.00 | 24.90 | 9.56# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
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Quant Time: Oct 11 05:57:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
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**Instrument :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 511710 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.422 | 117 | 532912 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.814 | 152 | 304673 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 224839 | 48.986 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 97.980% | | | |
| 7) Chloroethane-d5 | 1.879 | 69 | 95795m | 25.533 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 51.060%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.531 | 63 | 310070 | 37.888 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 75.780% | | | |
| 21) 2-Butanone-d5 | 4.631 | 46 | 377073 | 110.871 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 110.870% | | | |
| 24) Chloroform-d | 5.055 | 84 | 428866 | 48.740 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.480% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 289399 | 53.434 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.860% | | | |
| 32) Benzene-d6 | 5.714 | 84 | 848765 | 49.779 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.560% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 270216 | 50.059 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.120% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 798813 | 51.883 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.760% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 138807 | 53.532 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 107.060% | | | |
| 47) 2-Hexanone-d5 | 8.663 | 63 | 307359 | 144.840 | ug/L | 0.04 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 144.840%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.762 | 84 | 439192 | 52.859 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 105.720% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.197 | 152 | 361199 | 59.741 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 119.480% | | | |
| Target Compounds | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.756 | 83 | 13795 | 2.063 | ug/L | 91 |
| 46) Tetrachloroethene | 8.554 | 164 | 2589 | 0.785 | ug/L | 85 |
| 61) Isopropylbenzene | 10.489 | 105 | 330565 | 17.404 | ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 11.470 | 105 | 305701 | 20.116 | ug/L | 99 |

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

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