Quantitation Report (Qedit)

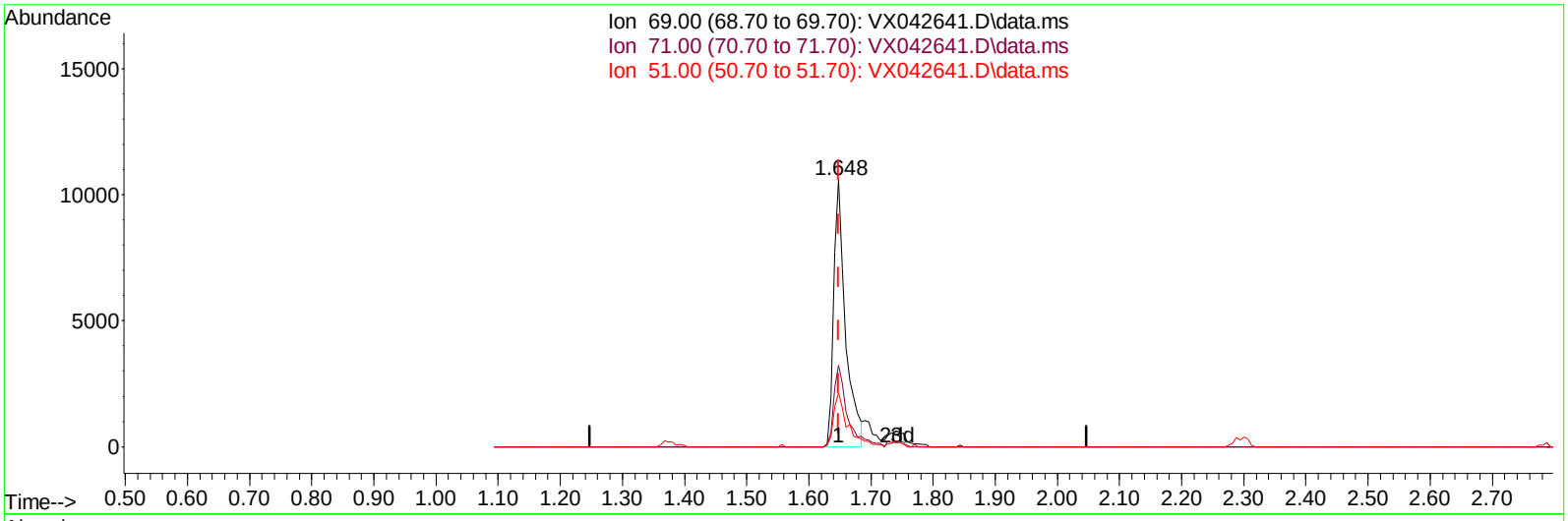
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
Data File : VX042641.D
Acq On : 27 Jul 2024 07:58
Operator : JC/MD
Sample : P3276-23ME 10X
Misc : 9.94g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 51 Sample Multiplier: 1

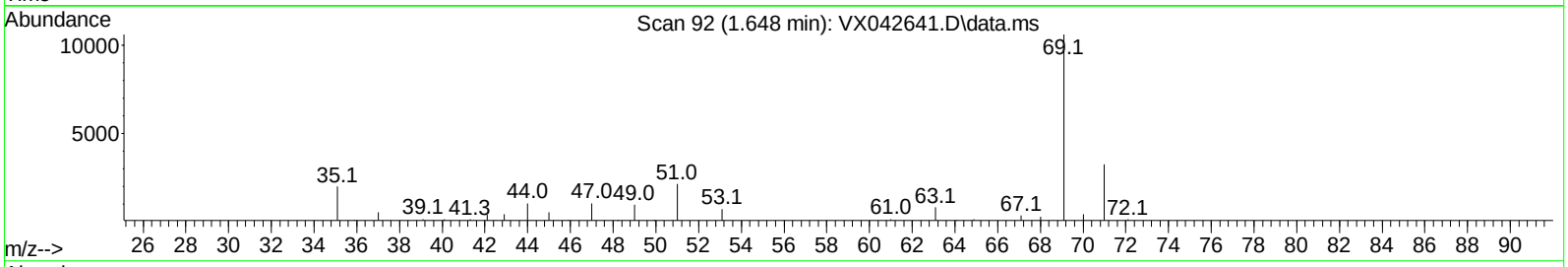
Quant Time: Jul 29 01:31:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 03:03:38 2024
Response via : Initial Calibration

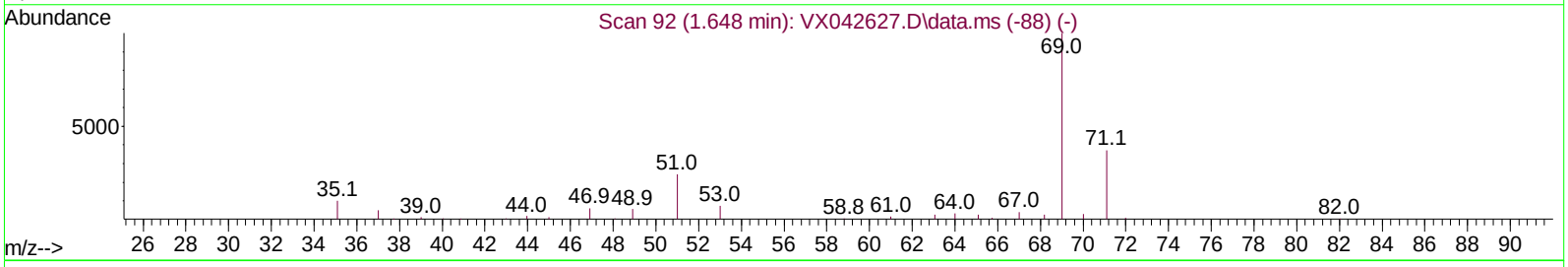
**Instrument :**
MSVOA_X
**ClientSampleId :**
E20L1ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024




TIC: VX042641.D\data.ms

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

**1.648min (+ 0.000) 33.70 ug/L**

**response 14026**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 29.00 | 35.27 |
| 51.00 | 30.10 | 23.79 |
| 0.00 | 0.00 | 0.00 |

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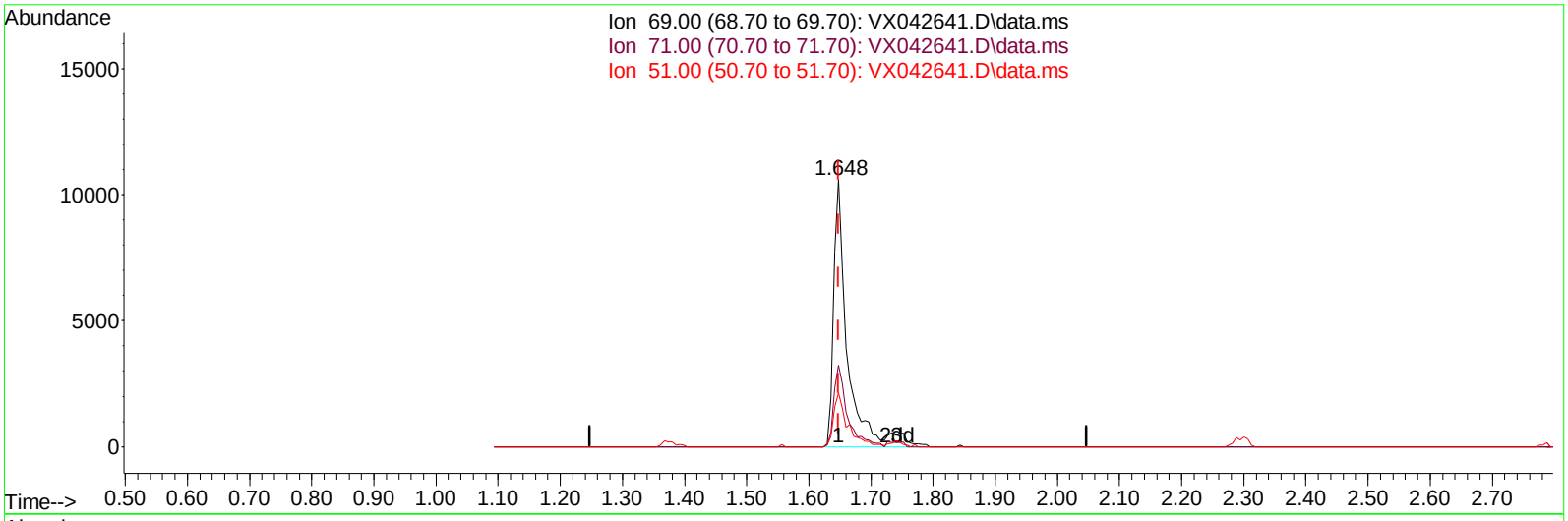


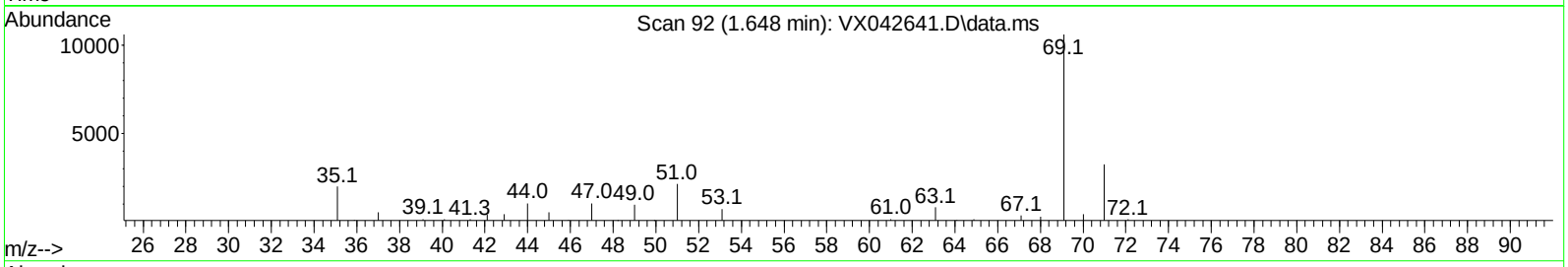


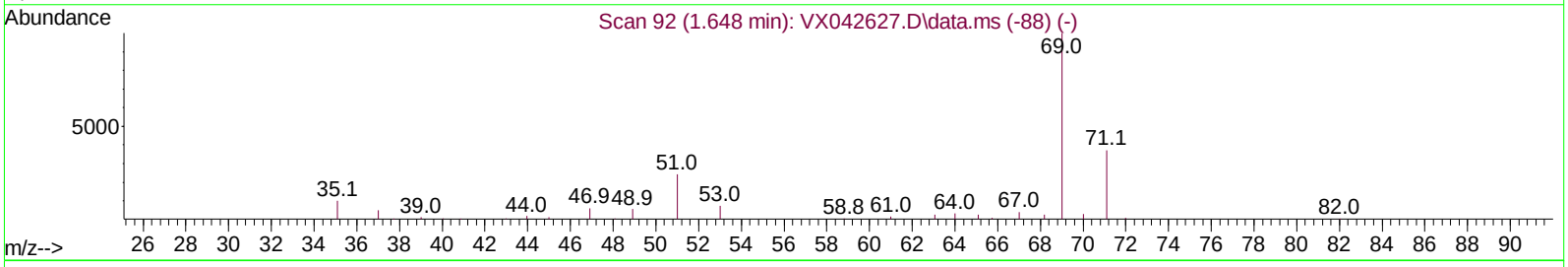


TIC: VX042641.D\data.ms

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

**1.648min (+ 0.000) 39.69 ug/L m**

**response 16520**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 29.00 | 29.95 |
| 51.00 | 30.10 | 20.20# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
MSVOA_X
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.763 | 114 | 166258 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 149444 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 59797 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.374 | 65 | 31861 | 31.543 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 63.080% | | |
| 7) Chloroethane-d5 | 1.648 | 69 | 16520m | 39.690 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 79.380% | | |
| 11) 1,1-Dichloroethene-d2 | 2.294 | 65 | 16928 | 34.014 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 68.020% | | |
| 21) 2-Butanone-d5 | 4.465 | 46 | 55366 | 73.957 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 73.960% | | |
| 24) Chloroform-d | 5.056 | 84 | 79135 | 35.794 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 71.580% | | |
| 26) 1,2-Dichloroethane-d4 | 5.952 | 65 | 53956 | 37.828 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 75.660% | | |
| 32) Benzene-d6 | 5.970 | 84 | 163591 | 39.443 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 78.880% | | |
| 36) 1,2-Dichloropropane-d6 | 7.306 | 67 | 49042 | 39.952 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 79.900% | | |
| 41) Toluene-d8 | 8.647 | 98 | 141448 | 38.037 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 76.080%# | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 17357 | 30.215 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 60.440% | | |
| 47) 2-Hexanone-d5 | 9.391 | 63 | 40908 | 74.538 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 74.540% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84 | 67418 | 38.145 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 76.300% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 48329 | 42.766 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 85.540% | | |
| Target Compounds | | | | | | Qvalue |
| 34) Trichloroethene | 7.123 | 95 | 275528 | 225.497 | ug/L | 95 |
| 46) Tetrachloroethene | 9.275 | 164 | 3808 | 4.570 | ug/L | 89 |

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

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