Quantitation Report (Qedit)

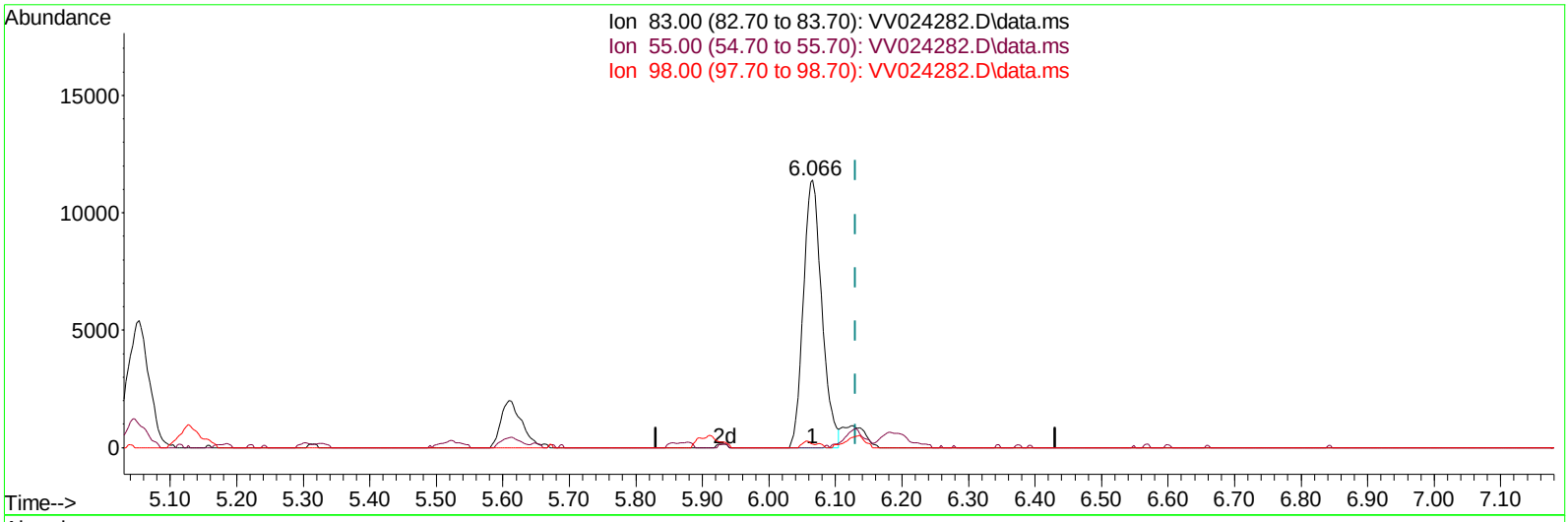
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024282.D
Acq On : 05 Jan 2022 16:56
Operator : SY/MD
Sample : N1025-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

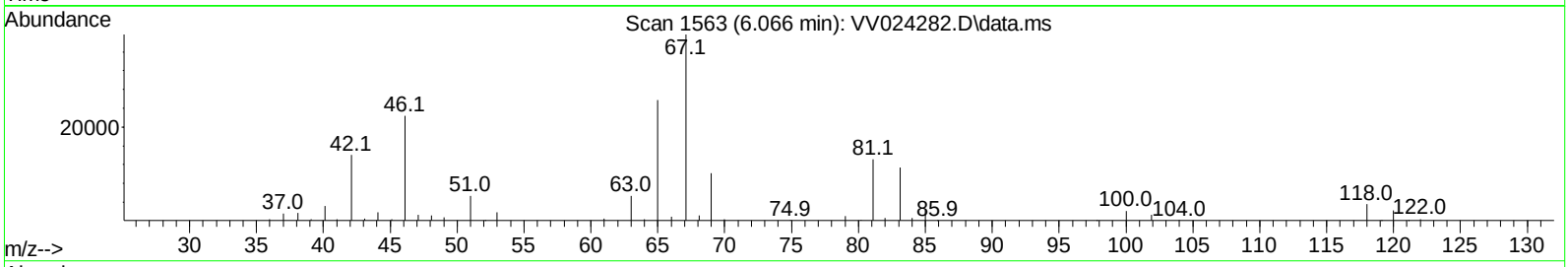
Quant Time: Jan 06 01:01:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
Response via : Initial Calibration

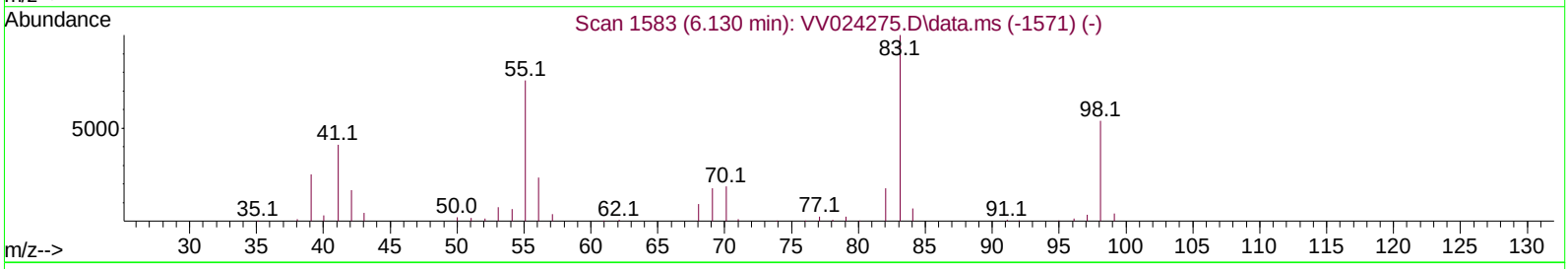
**Instrument :**
MSVOA_V
**ClientSampleId :**
BGLH4

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022




TIC: VV024282.D\data.ms

**(35) Methylcyclohexane (T)**

**6.066min (-0.064) 8.95 ug/L**

**response 22111**

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 69.50 | 0.18# |
| 98.00 | 51.60 | 0.52# |
| 0.00 | 0.00 | 0.00 |

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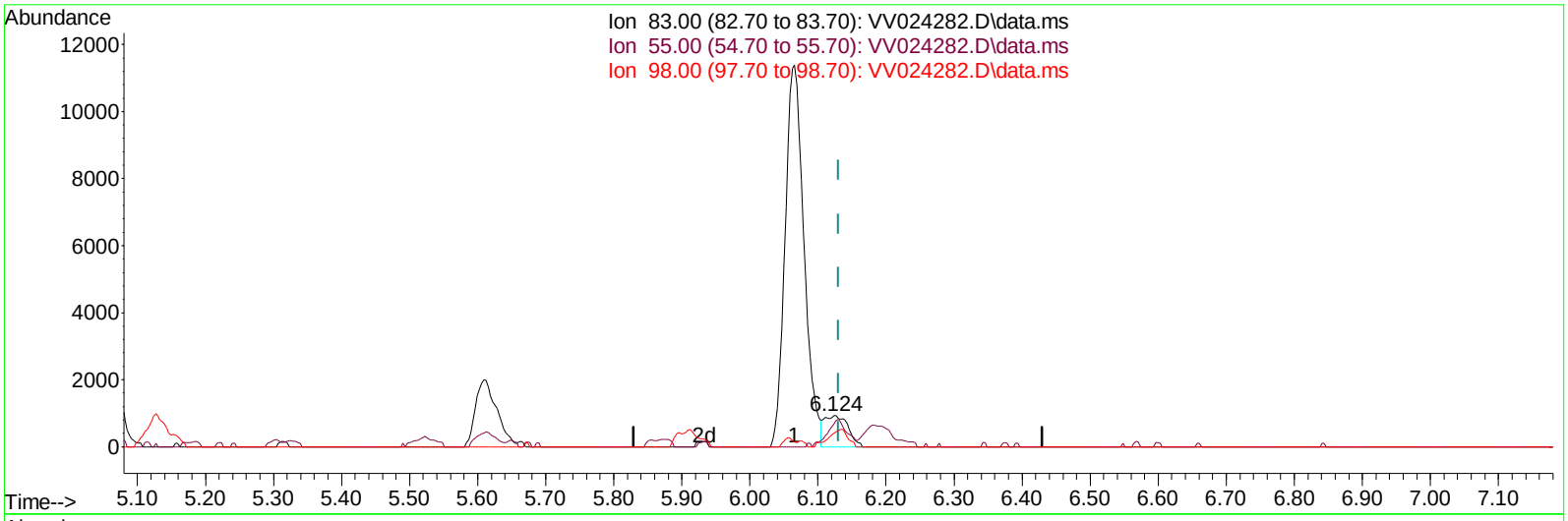


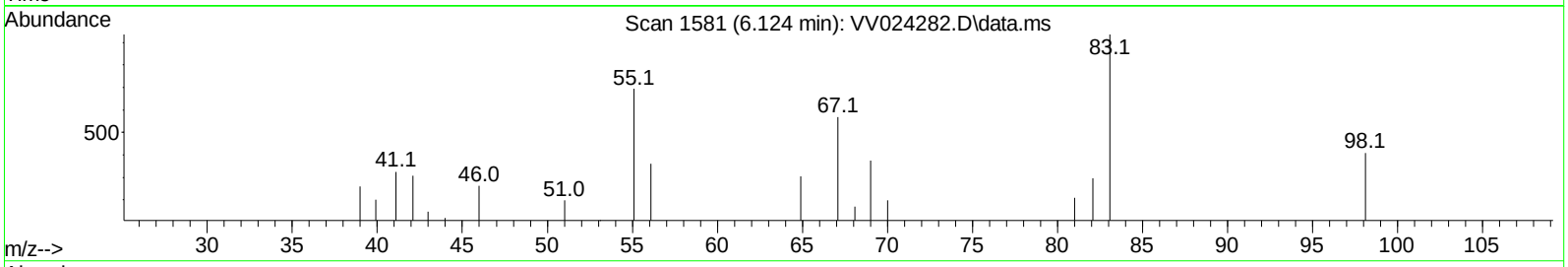


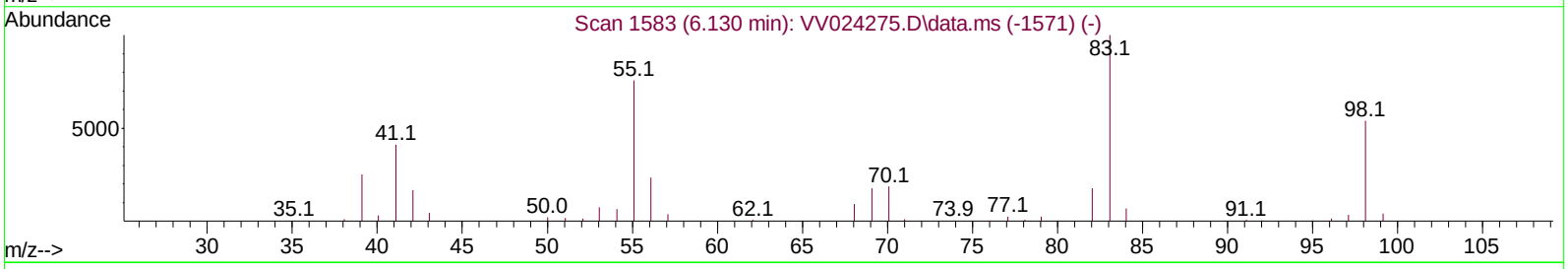


TIC: VV024282.D\data.ms

**(35) Methylcyclohexane (T)**

**6.124min (-0.006) 0.91 ug/L m**

**response 2239**

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 69.50 | 1.79# |
| 98.00 | 51.60 | 5.09# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 06 01:01:22 2022
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Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
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**Instrument :**
MSVOA_V
**ClientSampleId :**
BGLH4

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 259159 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 237469 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 136899 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 82767 | 44.376 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 88.760% | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 65152 | 45.983 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 91.960% | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 120621 | 34.603 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 69.200% | | |
| 21) 2-Butanone-d5 | 3.876 | 46 | 101547 | 97.721 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 97.720% | | |
| 24) Chloroform-d | 4.342 | 84 | 151091 | 44.324 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 88.640% | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 104180 | 45.647 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 91.300% | | |
| 32) Benzene-d6 | 5.047 | 84 | 294112 | 47.461 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 94.920% | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 81893 | 47.154 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 94.300% | | |
| 41) Toluene-d8 | 7.313 | 98 | 282726 | 47.121 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 94.240% | | |
| 43) trans-1,3-Dichloroprop... | 7.619 | 79 | 45728 | 45.726 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 91.460% | | |
| 47) 2-Hexanone-d5 | 8.082 | 63 | 78877 | 104.538 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 104.540% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 115924 | 46.708 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 93.420% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 131123 | 48.053 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 96.100% | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.314 | 62 | 65461 | 35.220 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.114 | 96 | 2240 | 1.419 | ug/L # | 1 |
| 13) Acetone | 2.172 | 43 | 152683 | 148.817 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 2.764 | 96 | 5875 | 3.612 | ug/L | 92 |
| 19) 1,1-Dichloroethane | 3.188 | 63 | 56897 | 21.088 | ug/L | 96 |
| 20) cis-1,2-Dichloroethene | 3.905 | 96 | 547727 | 315.280 | ug/L | 99 |
| 22) 2-Butanone | 3.963 | 43 | 76185 | 69.904 | ug/L | 94 |
| 27) 1,2-Dichloroethane | 5.127 | 62 | 24100 | 9.393 | ug/L | 96 |
| 29) Cyclohexane | 4.677 | 56 | 2235 | 1.053 | ug/L # | 95 |
| 33) Benzene | 5.095 | 78 | 856521 | 141.850 | ug/L | 100 |
| 35) Methylcyclohexane | 6.124 | 83 | 2239m | 0.907 | ug/L | |
| 40) 4-Methyl-2-pentanone | 7.230 | 43 | 12266 | 6.623 | ug/L | 97 |
| 42) Toluene | 7.384 | 91 | 2680104 | 395.409 | ug/L | 99 |
| 51) Chlorobenzene | 8.879 | 112 | 65720 | 14.395 | ug/L | 99 |
| 52) Ethylbenzene | 9.008 | 91 | 1630923 | 225.231 | ug/L | 100 |
| 53) m,p-Xylene | 9.136 | 106 | 957296 | 329.818 | ug/L | 97 |
| 54) o-Xylene | 9.542 | 106 | 566054 | 204.301 | ug/L | 98 |
| 60) Isopropylbenzene | 9.931 | 105 | 216654 | 28.600 | ug/L | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 62) 1,3,5-Trimethylbenzene | 10.535 | 105 | 132135 | 20.278 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 10.911 | 105 | 1135087 | 174.483 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 11.181 | 146 | 3874 | 0.992 | ug/L | | 94 |
| 65) 1,4-Dichlorobenzene | 11.271 | 146 | 9720 | 2.413 | ug/L | | 99 |
| 67) 1,2-Dichlorobenzene | 11.641 | 146 | 93278 | 23.172 | ug/L | | 98 |
| 70) 1,2,4-trichlorobenzene | 13.262 | 180 | 12263 | 4.773 | ug/L | | 96 |
| 72) 1,2,3-Trichlorobenzene | 13.744 | 180 | 3249 | 1.223 | ug/L | # | 92 |

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

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