Quantitation Report (Qedit)

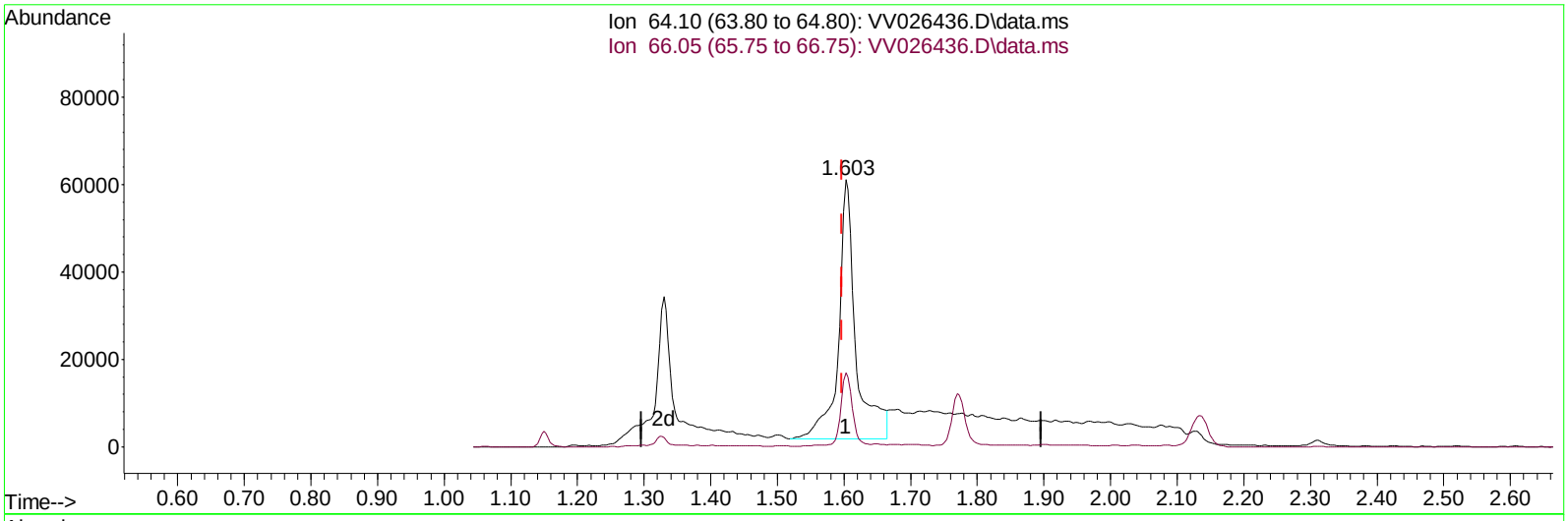
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
Data File : VV026436.D
Acq On : 20 Jun 2022 11:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

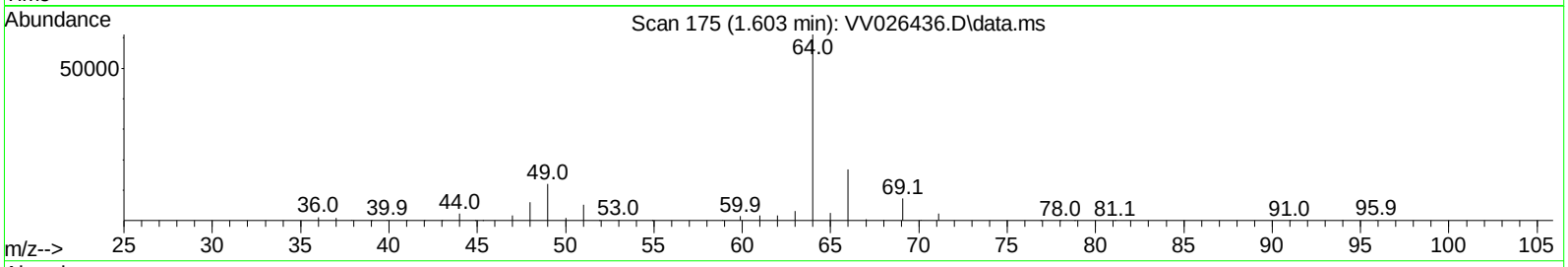
Quant Time: Jun 21 02:19:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

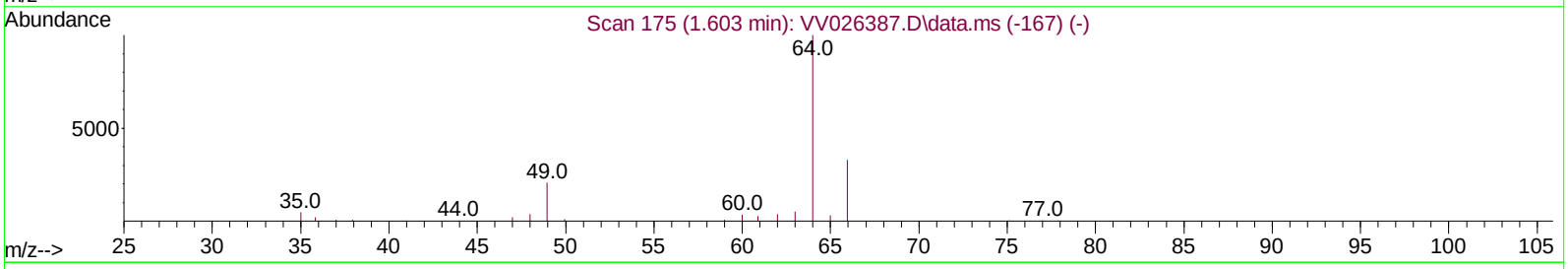
**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022




TIC: VV026436.D\data.ms

**(8) Chloroethane (T)**

**1.603min (+ 0.006) 8.13 ug/L**

**response 106541**

| Ion | Exp% | Act% |
|---|---|---|
| 64.10 | 100.00 | 100.00 |
| 66.05 | 34.40 | 27.69 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**LabSampleId :**
VSTDCCC005

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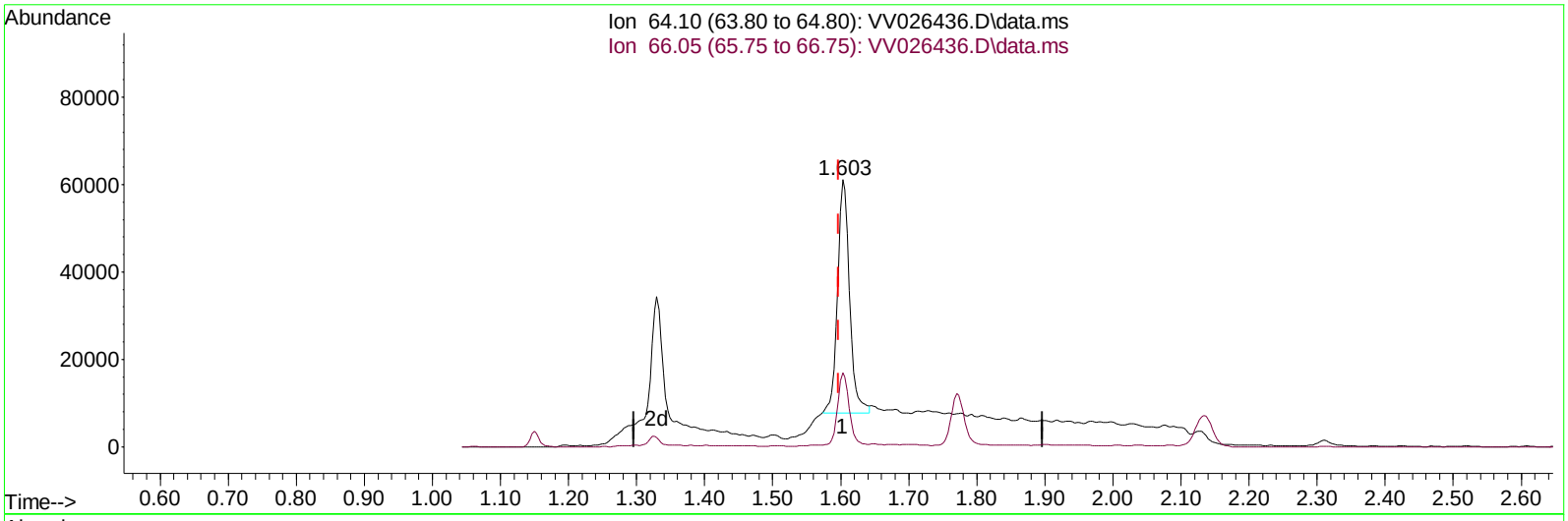


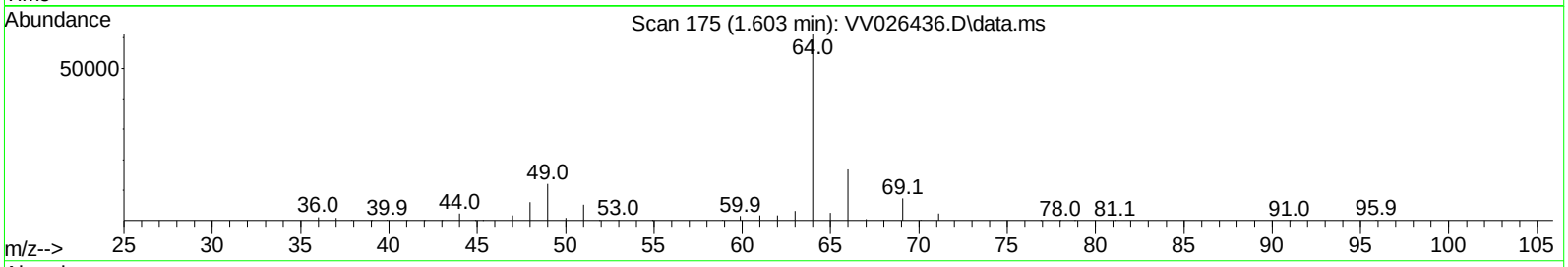


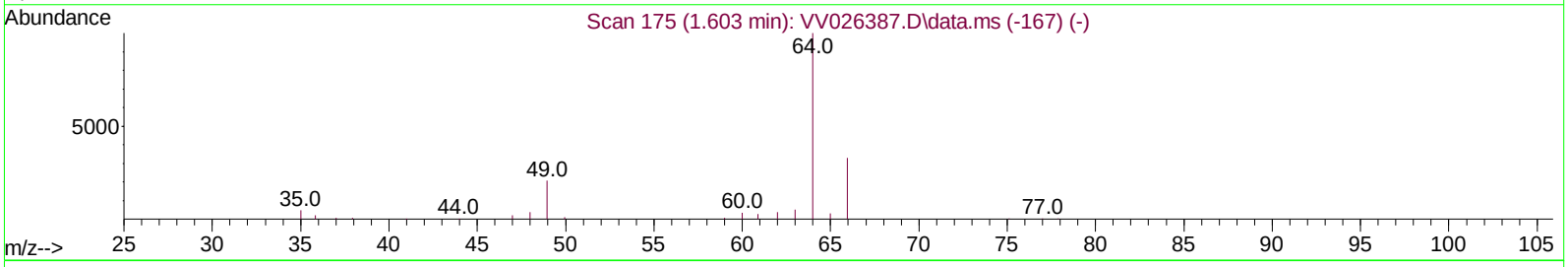


TIC: VV026436.D\data.ms

**(8) Chloroethane (T)**

**1.603min (+ 0.006) 4.97 ug/L m**

**response 65149**

| Ion | Exp% | Act% |
|---|---|---|
| 64.10 | 100.00 | 100.00 |
| 66.05 | 34.40 | 27.69 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 244417 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 219999 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 108142 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.326 | 65 | 84439 | 3.977 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.600% | | | |
| 7) Chloroethane-d5 | 1.587 | 69 | 72274 | 4.330 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.127 | 63 | 158071 | 4.336 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 86.800% | | | |
| 20) 2-Butanone-d5 | 3.934 | 46 | 92954 | 44.873 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.740% | | | |
| 24) Chloroform-d | 4.362 | 84 | 162448 | 5.221 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.043 | 65 | 61701 | 4.687 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.800% | | | |
| 32) Benzene-d6 | 5.059 | 84 | 326058 | 5.544 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 110.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 90550 | 5.275 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 105.400% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 306763 | 5.720 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 114.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 21232 | 3.814 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 76.200% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 81255 | 48.324 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 96.640% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 55132 | 5.214 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 89988 | 5.402 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.150 | 85 | 80382 | 4.398 | ug/L | 100 |
| 3) Chloromethane | 1.259 | 50 | 79184 | 3.902 | ug/L | 99 |
| 5) Vinyl chloride | 1.330 | 62 | 88622 | 4.200 | ug/L | 87 |
| 6) Bromomethane | 1.542 | 94 | 45039 | 3.820 | ug/L | 98 |
| 8) Chloroethane | 1.603 | 64 | 65149m | 4.974 | ug/L | |
| 9) Trichlorofluoromethane | 1.770 | 101 | 129999 | 4.464 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.134 | 101 | 74697 | 4.423 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.137 | 96 | 71991 | 4.662 | ug/L | 97 |
| 13) Acetone | 2.230 | 43 | 55458 | 34.546 | ug/L | 76 |
| 14) Carbon disulfide | 2.310 | 76 | 166502 | 4.373 | ug/L | 96 |
| 15) Methyl Acetate | 2.468 | 43 | 16145 | 4.192 | ug/L | 98 |
| 16) Methylene chloride | 2.526 | 84 | 79096 | 4.015 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 2.789 | 73 | 138494 | 5.216 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.777 | 96 | 73728 | 4.923 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.204 | 63 | 144875 | 5.072 | ug/L | 98 |
| 21) 2-Butanone | 4.024 | 43 | 90474 | 43.555 | ug/L | 94 |
| 22) cis-1,2-Dichloroethene | 3.928 | 96 | 82238 | 5.427 | ug/L | 95 |
| 23) Bromochloromethane | 4.262 | 128 | 32007 | 4.978 | ug/L | 90 |

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Response via : Initial Calibration

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 25) Chloroform | 4.387 | 83 | 149800 | 4.835 ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.140 | 62 | 66268 | 4.699 ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 4.616 | 97 | 131176 | 5.396 ug/L | 98 |
| 30) Cyclohexane | 4.686 | 56 | 96501 | 5.308 ug/L | 99 |
| 31) Carbon tetrachloride | 4.838 | 117 | 106807 | 5.188 ug/L | 99 |
| 33) Benzene | 5.108 | 78 | 311813 | 5.528 ug/L | 100 |
| 34) Trichloroethene | 5.918 | 95 | 78546 | 5.101 ug/L | 98 |
| 35) Methylcyclohexane | 6.133 | 83 | 105214 | 4.939 ug/L | 96 |
| 37) 1,2-Dichloropropane | 6.178 | 63 | 77690 | 5.266 ug/L | 98 |
| 38) Bromodichloromethane | 6.513 | 83 | 93339 | 5.216 ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.030 | 75 | 71778 | 4.263 ug/L | 97 |
| 40) 4-Methyl-2-pentanone | 7.230 | 43 | 261780 | 48.261 ug/L | 95 |
| 42) Toluene | 7.387 | 91 | 336163 | 5.667 ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 7.654 | 75 | 54953 | 4.087 ug/L | 94 |
| 45) 1,1,2-Trichloroethane | 7.841 | 97 | 48058 | 4.963 ug/L | 94 |
| 47) Tetrachloroethene | 7.976 | 164 | 61255 | 5.370 ug/L | 97 |
| 48) 2-Hexanone | 8.140 | 43 | 168320 | 43.311 ug/L | 96 |
| 49) Dibromochloromethane | 8.246 | 129 | 52441 | 4.890 ug/L | 97 |
| 50) 1,2-Dibromoethane | 8.352 | 107 | 42582 | 5.161 ug/L | 99 |
| 51) Chlorobenzene | 8.879 | 112 | 213507 | 5.512 ug/L | 99 |
| 52) Ethylbenzene | 9.011 | 91 | 343897 | 5.783 ug/L | 99 |
| 53) m,p-Xylene | 9.136 | 106 | 134270 | 5.792 ug/L | 95 |
| 54) o-Xylene | 9.542 | 106 | 129971 | 5.788 ug/L | 98 |
| 55) Styrene | 9.561 | 104 | 218701 | 5.799 ug/L | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83 | 53699 | 5.467 ug/L | 97 |
| 59) Bromoform | 9.731 | 173 | 22018 | 4.637 ug/L | 100 |
| 60) Isopropylbenzene | 9.931 | 105 | 350412 | 6.078 ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 10.271 | 75 | 35759 | 5.096 ug/L | 96 |
| 62) 1,3,5-Trimethylbenzene | 10.538 | 105 | 268716 | 5.874 ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 10.911 | 105 | 275090 | 6.075 ug/L | 100 |
| 64) 1,3-Dichlorobenzene | 11.178 | 146 | 163178 | 5.760 ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.271 | 146 | 160209 | 5.565 ug/L | 98 |
| 67) 1,2-Dichlorobenzene | 11.641 | 146 | 140206 | 5.588 ug/L | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75 | 6327 | 5.090 ug/L | 90 |
| 69) 1,3,5-Trichlorobenzene | 12.641 | 180 | 112218 | 5.479 ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.258 | 180 | 80813 | 5.349 ug/L | 98 |
| 71) Naphthalene | 13.500 | 128 | 107617 | 5.131 ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.741 | 180 | 67623 | 5.347 ug/L | 96 |

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

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