Quantitation Report (Qedit)

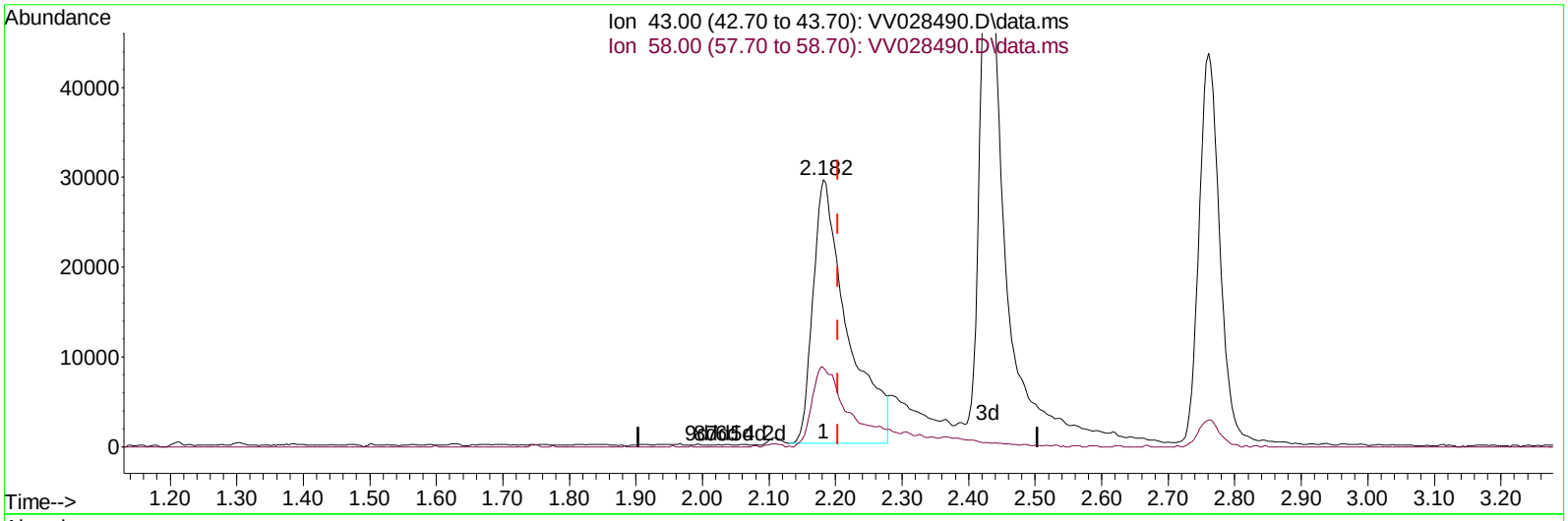
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
Data File : VV028490.D
Acq On : 10 Oct 2022 09:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

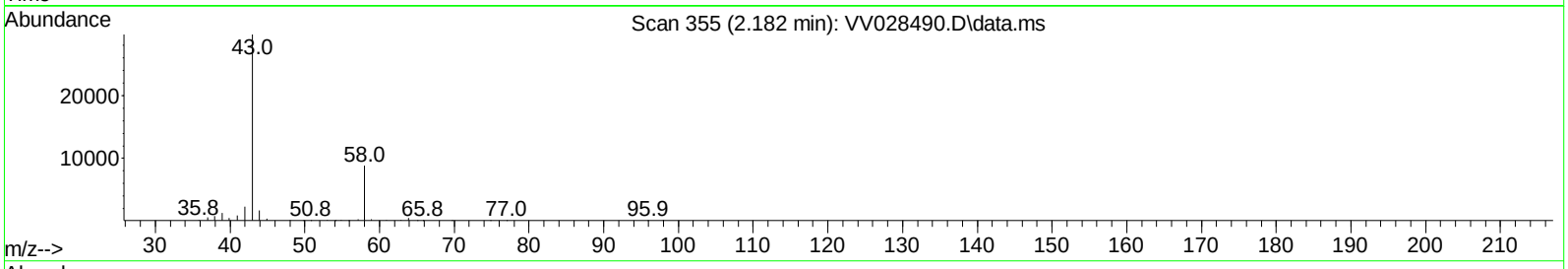
Quant Time: Oct 11 02:48:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 10 05:21:45 2022
Response via : Initial Calibration

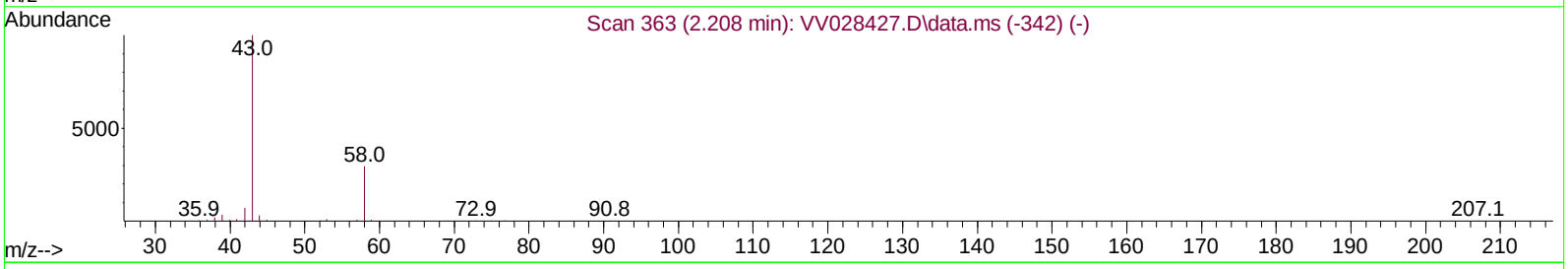
**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC050

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022




TIC: VV028490.D\data.ms

**(13) Acetone (T)**

**2.182min (-0.022) 56.66 ug/L**

**response 105340**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 23.50 | 15.32 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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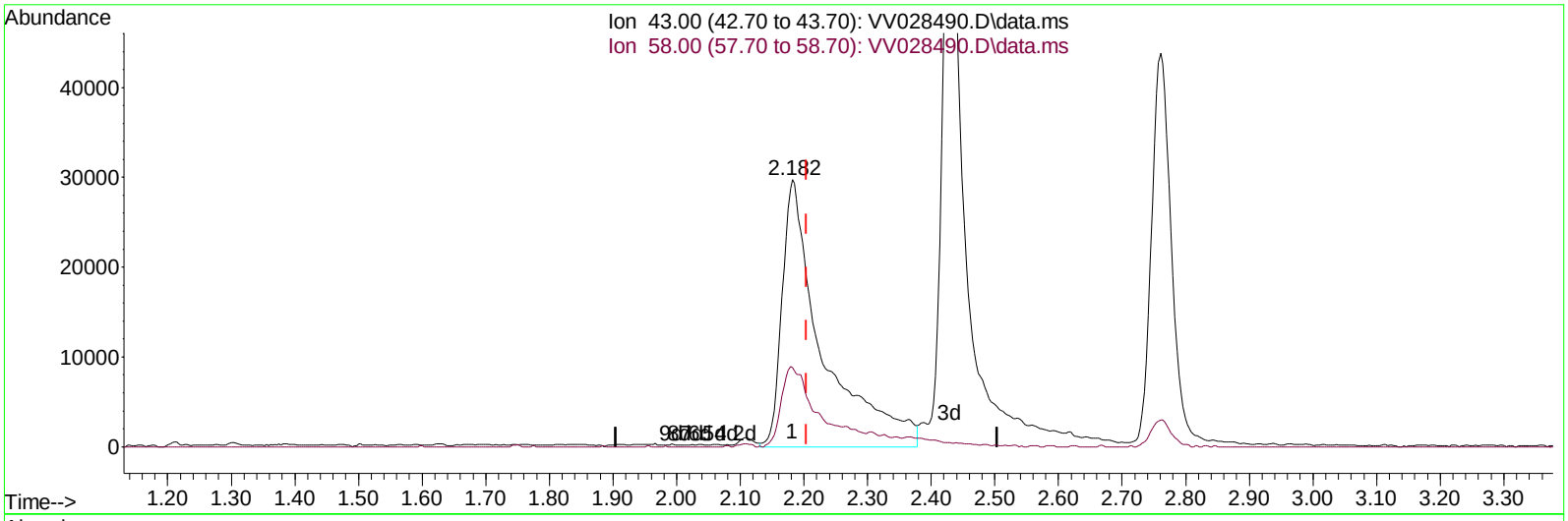


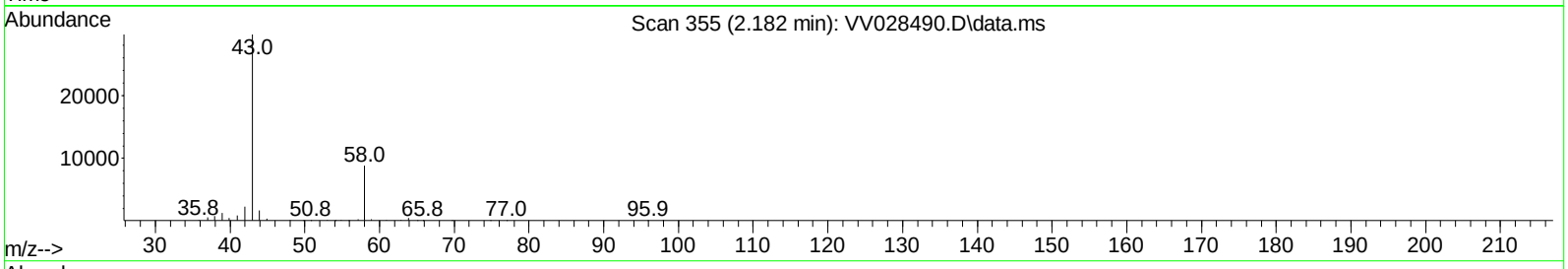


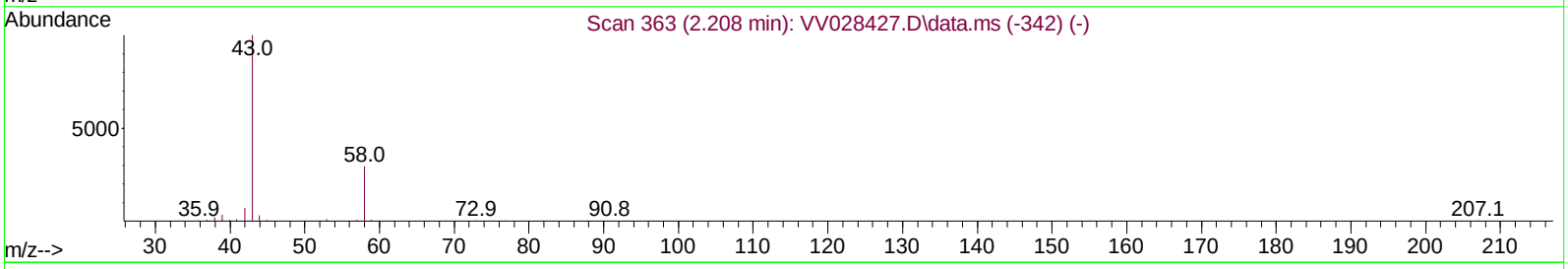


TIC: VV028490.D\data.ms

**(13) Acetone (T)**

**2.182min (-0.022) 70.72 ug/L m**

**response 131480**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 23.50 | 12.28 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC050

**Manual IntegrationsAPPROVED**

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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 355301 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 320868 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 168907 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 141102 | 51.468 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 102.940% | | | |
| 7) Chloroethane-d5 | 1.565 | 69 | 104248 | 47.956 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 95.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 229144 | 49.111 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 98.220% | | | |
| 21) 2-Butanone-d5 | 3.886 | 46 | 173688 | 72.372 | ug/L | -0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 72.370% | | | |
| 24) Chloroform-d | 4.339 | 84 | 253835 | 50.484 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.960% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.021 | 65 | 160753 | 49.574 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.140% | | | |
| 32) Benzene-d6 | 5.040 | 84 | 512520 | 49.848 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.700% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.060 | 67 | 155624 | 46.424 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.840% | | | |
| 41) Toluene-d8 | 7.307 | 98 | 466439 | 50.671 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.340% | | | |
| 43) trans-1,3-Dichloroprop... | 7.613 | 79 | 80026 | 46.835 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 93.680% | | | |
| 47) 2-Hexanone-d5 | 8.082 | 63 | 151473 | 83.064 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 83.060% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 194950 | 42.498 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 174143 | 49.757 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.520% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.127 | 85 | 143381 | 53.597 | ug/L | 100 |
| 3) Chloromethane | 1.237 | 50 | 132068 | 43.853 | ug/L | 99 |
| 5) Vinyl chloride | 1.307 | 62 | 136313 | 45.102 | ug/L | 100 |
| 6) Bromomethane | 1.520 | 94 | 65251 | 47.349 | ug/L | 100 |
| 8) Chloroethane | 1.581 | 64 | 85212 | 46.445 | ug/L | 95 |
| 9) Trichlorofluoromethane | 1.748 | 101 | 203811 | 54.566 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111 | 101 | 102353 | 48.351 | ug/L | 94 |
| 12) 1,1-Dichloroethene | 2.114 | 96 | 102676 | 49.407 | ug/L | 90 |
| 13) Acetone | 2.182 | 43 | 131480m | 70.723 | ug/L | |
| 14) Carbon disulfide | 2.288 | 76 | 348605 | 52.452 | ug/L | 99 |
| 15) Methyl Acetate | 2.429 | 43 | 132760 | 42.295 | ug/L | 98 |
| 16) Methylene chloride | 2.500 | 84 | 138556 | 51.305 | ug/L | 97 |
| 17) trans-1,2-Dichloroethene | 2.754 | 96 | 127188 | 52.470 | ug/L | 94 |
| 18) Methyl tert-butyl Ether | 2.761 | 73 | 464932 | 52.175 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.182 | 63 | 247253 | 49.933 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 3.902 | 96 | 143577 | 51.994 | ug/L | 93 |
| 22) 2-Butanone | 3.970 | 43 | 207137 | 84.517 | ug/L | 98 |
| 23) Bromochloromethane | 4.236 | 128 | 71864 | 53.550 | ug/L | 87 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 25) Chloroform | 4.365 | 83 | 251096 | 51.942 | ug/L | 95 |
| 27) 1,2-Dichloroethane | 5.121 | 62 | 193670 | 52.289 | ug/L | 98 |
| 29) Cyclohexane | 4.667 | 56 | 226201 | 49.012 | ug/L | 95 |
| 30) 1,1,1-Trichloroethane | 4.600 | 97 | 230100 | 55.511 | ug/L | 98 |
| 31) Carbon tetrachloride | 4.818 | 117 | 197410 | 56.893 | ug/L | 99 |
| 33) Benzene | 5.092 | 78 | 540023 | 51.172 | ug/L | 100 |
| 34) Trichloroethene | 5.905 | 95 | 131515 | 50.236 | ug/L | 92 |
| 35) Methylcyclohexane | 6.124 | 83 | 226796 | 49.830 | ug/L | 97 |
| 37) 1,2-Dichloropropane | 6.166 | 63 | 138093 | 48.809 | ug/L | 99 |
| 38) Bromodichloromethane | 6.503 | 83 | 193794 | 52.576 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.018 | 75 | 208833 | 46.398 | ug/L | 98 |
| 40) 4-Methyl-2-pentanone | 7.220 | 43 | 427149 | 88.522 | ug/L | 99 |
| 42) Toluene | 7.381 | 91 | 560343 | 51.514 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 7.641 | 75 | 210015 | 48.617 | ug/L | 100 |
| 45) 1,1,2-Trichloroethane | 7.831 | 97 | 131179 | 50.058 | ug/L | 98 |
| 46) Tetrachloroethene | 7.966 | 164 | 105450 | 56.058 | ug/L | 96 |
| 48) 2-Hexanone | 8.133 | 43 | 314465 | 84.891 | ug/L | 98 |
| 49) Dibromochloromethane | 8.236 | 129 | 148182 | 52.606 | ug/L | 99 |
| 50) 1,2-Dibromoethane | 8.342 | 107 | 135499 | 49.937 | ug/L | 97 |
| 51) Chlorobenzene | 8.873 | 112 | 358326 | 52.505 | ug/L | 96 |
| 52) Ethylbenzene | 9.005 | 91 | 617589 | 52.092 | ug/L | 100 |
| 53) m,p-Xylene | 9.130 | 106 | 237144 | 52.772 | ug/L | 97 |
| 54) o-Xylene | 9.535 | 106 | 232682 | 51.713 | ug/L | 98 |
| 55) Styrene | 9.551 | 104 | 397545 | 51.449 | ug/L | 100 |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83 | 205258 | 45.736 | ug/L | 99 |
| 59) Bromoform | 9.722 | 173 | 105587 | 50.480 | ug/L | 99 |
| 60) Isopropylbenzene | 9.921 | 105 | 621342 | 51.050 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 10.265 | 75 | 161909 | 45.027 | ug/L | 97 |
| 62) 1,3,5-Trimethylbenzene | 10.529 | 105 | 541368 | 51.356 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 10.905 | 105 | 538340 | 51.450 | ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 11.172 | 146 | 282105 | 52.993 | ug/L | 97 |
| 65) 1,4-Dichlorobenzene | 11.262 | 146 | 278337 | 52.399 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 11.635 | 146 | 281091 | 52.317 | ug/L | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.416 | 75 | 50254 | 45.669 | ug/L | 97 |
| 69) 1,3,5-Trichlorobenzene | 12.635 | 180 | 216962 | 53.660 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.249 | 180 | 197038 | 55.289 | ug/L | 99 |
| 71) Naphthalene | 13.490 | 128 | 589068 | 53.144 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.731 | 180 | 193946 | 55.819 | ug/L | 99 |

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

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