

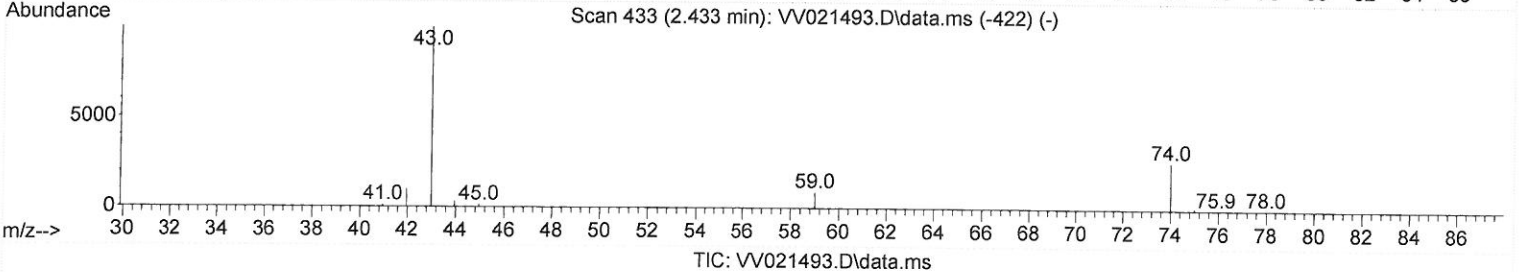
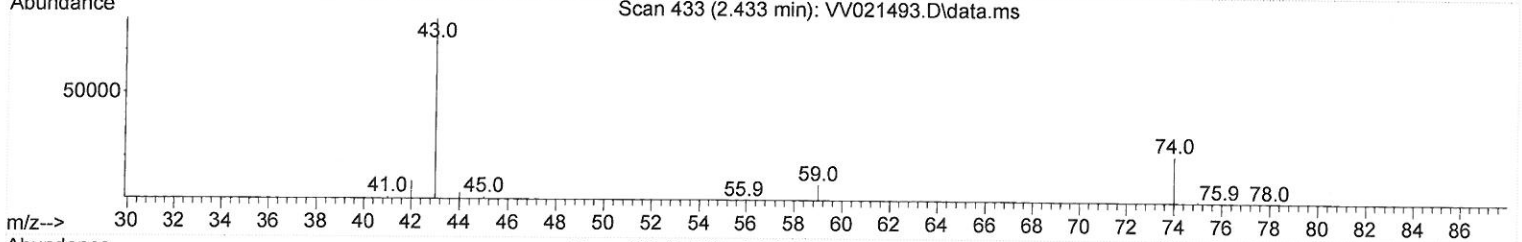
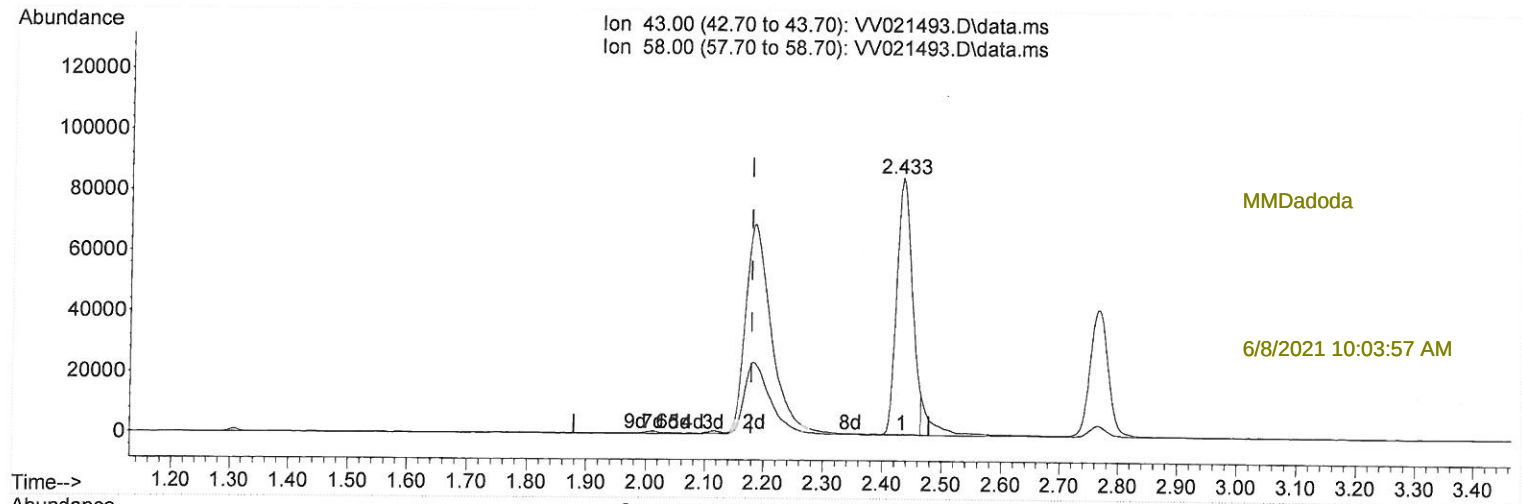
# Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060421\Reviewed Data\  
 Data File : VV021493.D  
 Acq On : 04 Jun 2021 09:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 09 14:53:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 08 03:17:01 2021  
 Response via : Initial Calibration



(13) Acetone (T)

2.433min (+ 0.254) 79.60 ug/L

response 155893

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.10   | 0.04   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

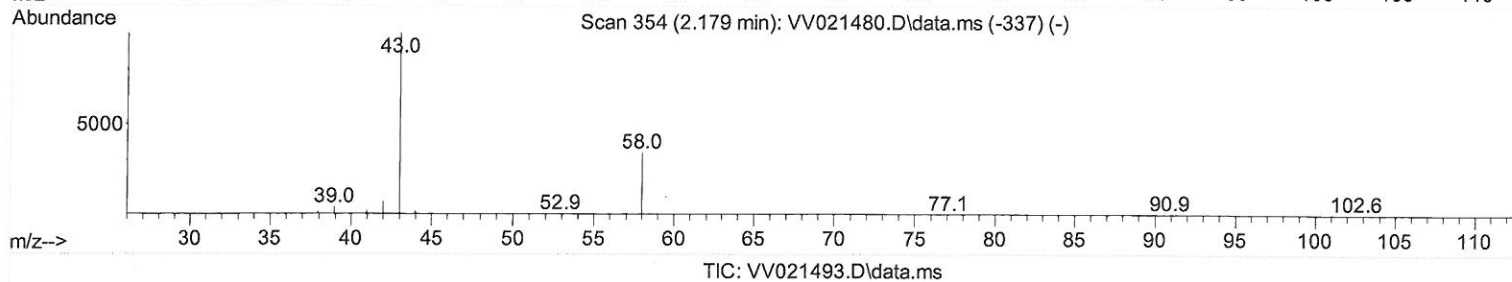
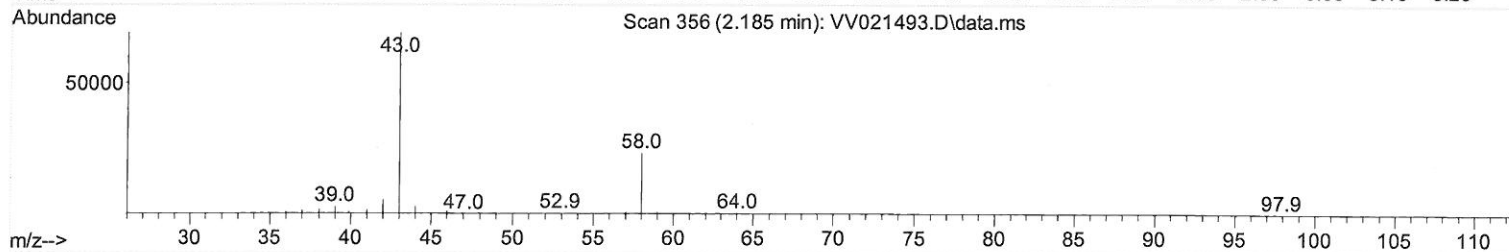
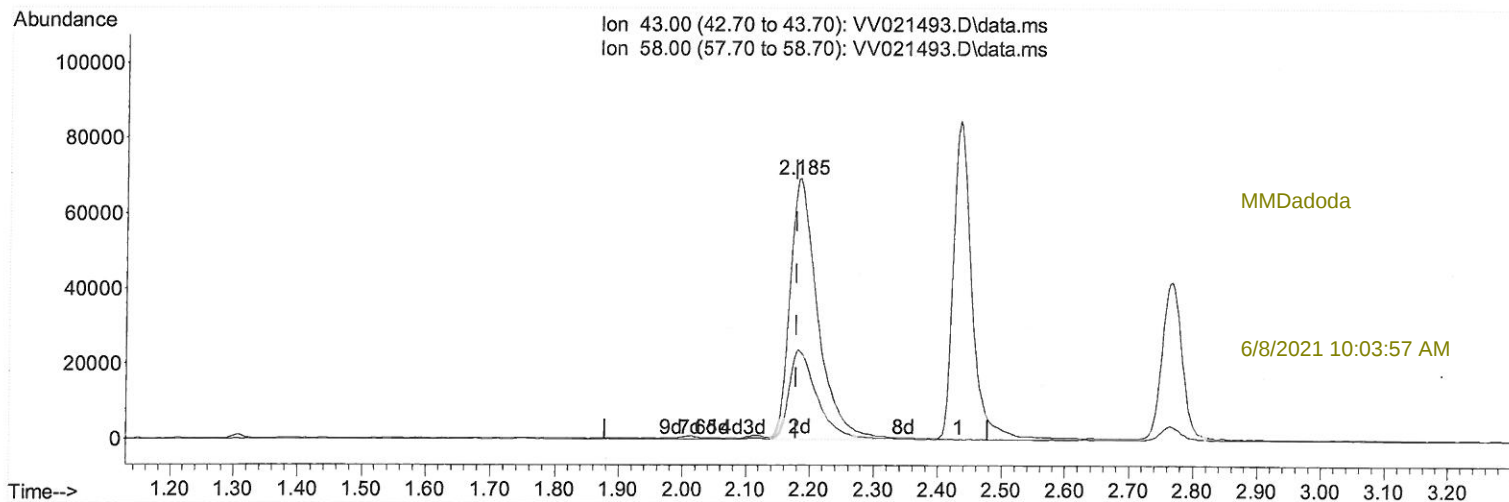
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060421\  
 Data File : VV021493.D  
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 Misc : 5.0mL/MSVOA\_V/WATER  
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Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 05 03:30:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 04 03:06:56 2021  
 Response via : Initial Calibration



(13) Acetone (T)

2.185min (+ 0.007) 106.58 ug/L m

response 208723

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 0.10   | 0.03   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060421\  
 Data File : VW021493.D  
 Acq On : 04 Jun 2021 09:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 05 03:30:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 04 03:06:56 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------------|----------|
| Internal Standards         |        |      |          |             |          |
| 1) 1,4-Difluorobenzene     | 5.616  | 114  | 482116   | 50.000 ug/L | 0.00     |
| 28) Chlorobenzene-d5       | 8.854  | 117  | 446893   | 50.000 ug/L | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152  | 265044   | 50.000 ug/L | 0.00     |

## System Monitoring Compounds

|                               |         |                |          |              |      |
|-------------------------------|---------|----------------|----------|--------------|------|
| 4) Vinyl Chloride-d3          | 1.304   | 65             | 140831   | 44.367 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | = 88.740%    |      |
| 7) Chloroethane-d5            | 1.568   | 69             | 113371   | 48.014 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | = 96.020%    |      |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 254239   | 46.874 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | = 93.740%    |      |
| 21) 2-Butanone-d5             | 3.889   | 46             | 239833   | 105.368 ug/L | 0.00 |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | = 105.370%   |      |
| 24) Chloroform-d              | 4.346   | 84             | 313263   | 49.577 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 99.160%    |      |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65             | 181855   | 49.968 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 99.940%    |      |
| 32) Benzene-d6                | 5.050   | 84             | 603365   | 48.262 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 96.520%    |      |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 188814   | 48.905 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | = 97.820%    |      |
| 41) Toluene-d8                | 7.317   | 98             | 574941   | 48.270 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | = 96.540%    |      |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 99563    | 48.188 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | = 96.380%    |      |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 179290   | 101.133 ug/L | 0.00 |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | = 101.130%   |      |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84             | 268682   | 50.134 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | = 100.260%   |      |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152            | 262947   | 47.726 ug/L  | 0.00 |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | = 95.460%    |      |

## Target Compounds

|                               |       |     |         |              | Qvalue |
|-------------------------------|-------|-----|---------|--------------|--------|
| 2) Dichlorodifluoromethane    | 1.127 | 85  | 167179  | 50.029 ug/L  | 98     |
| 3) Chloromethane              | 1.240 | 50  | 162414  | 48.789 ug/L  | 100    |
| 5) Vinyl chloride             | 1.311 | 62  | 171534  | 50.207 ug/L  | 99     |
| 6) Bromomethane               | 1.523 | 94  | 119058  | 50.883 ug/L  | 97     |
| 8) Chloroethane               | 1.584 | 64  | 101796  | 52.404 ug/L  | 100    |
| 9) Trichlorofluoromethane     | 1.751 | 101 | 258501  | 51.009 ug/L  | 99     |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114 | 101 | 154367  | 52.402 ug/L  | 99     |
| 12) 1,1-Dichloroethene        | 2.118 | 96  | 143456  | 50.699 ug/L  | 92     |
| 13) Acetone                   | 2.185 | 43  | 208723m | 106.577 ug/L | 99     |
| 14) Carbon disulfide          | 2.291 | 76  | 441096  | 49.447 ug/L  | 99     |
| 15) Methyl Acetate            | 2.433 | 43  | 168506  | 50.216 ug/L  | 99     |
| 16) Methylene chloride        | 2.507 | 84  | 174341  | 49.185 ug/L  | 96     |
| 17) trans-1,2-Dichloroethene  | 2.757 | 96  | 166186  | 51.480 ug/L  | 99     |
| 18) Methyl tert-butyl Ether   | 2.767 | 73  | 524584  | 51.259 ug/L  | 99     |
| 19) 1,1-Dichloroethane        | 3.188 | 63  | 287441  | 50.246 ug/L  | 99     |
| 20) cis-1,2-Dichloroethene    | 3.912 | 96  | 184270  | 51.022 ug/L  | 94     |
| 22) 2-Butanone                | 3.973 | 43  | 264436  | 106.589 ug/L | 99     |
| 23) Bromochloromethane        | 4.246 | 128 | 103318  | 51.652 ug/L  | 96     |

06/09/21 by

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 LabSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 05 03:30:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 04 03:06:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 25) Chloroform                | 4.375  | 83   | 302674   | 51.127  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 207722   | 50.791  | ug/L  | 99       |
| 29) Cyclohexane               | 4.677  | 56   | 260536   | 50.042  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.606  | 97   | 279655   | 50.693  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.828  | 117  | 254342   | 50.786  | ug/L  | 98       |
| 33) Benzene                   | 5.098  | 78   | 648903   | 50.731  | ug/L  | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 179086   | 51.508  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.130  | 83   | 283647   | 50.821  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 162513   | 49.830  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.510  | 83   | 231026   | 50.482  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 281048   | 51.256  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 442435   | 100.053 | ug/L  | 98       |
| 42) Toluene                   | 7.387  | 91   | 727351   | 51.259  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 264921   | 51.072  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 171674   | 51.865  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.976  | 164  | 169323   | 52.970  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.140  | 43   | 354090   | 104.406 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.246  | 129  | 214026   | 51.637  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 185995   | 51.054  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.883  | 112  | 480068   | 51.173  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 795963   | 51.071  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.140  | 106  | 312391   | 52.167  | ug/L  | 98       |
| 54) o-Xylene                  | 9.542  | 106  | 302335   | 51.134  | ug/L  | 97       |
| 55) Styrene                   | 9.561  | 104  | 525828   | 51.673  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 260363   | 50.391  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 181477   | 50.746  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.931  | 105  | 817483   | 49.775  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 201055   | 48.278  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 703869   | 49.782  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 710394   | 49.737  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.182 | 146  | 420705   | 50.713  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146  | 417325   | 49.827  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 413595   | 49.792  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 62507    | 48.180  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 359776   | 51.410  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 321395   | 51.407  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 865043   | 50.161  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 315414   | 51.830  | ug/L  | 100      |

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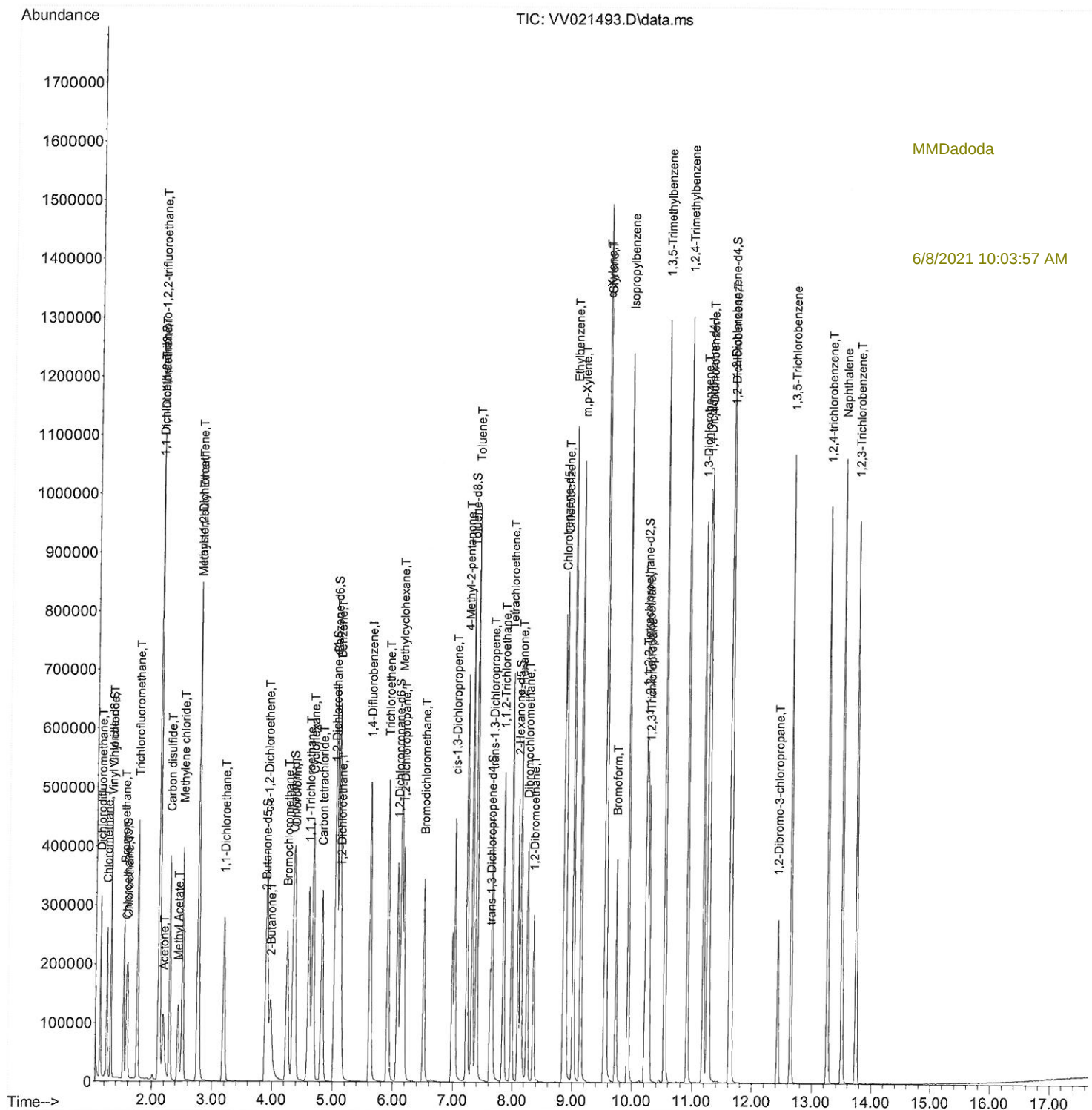
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDCCC050

Manual Integrations  
APPROVED

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6/8/2021 10:03:57 AM