

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081221\  
 Data File : VX023672.D  
 Acq On : 12 Aug 2021 14:14  
 Operator : JC/MD  
 Sample : M3364-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DBK98

Quant Time: Aug 13 01:03:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML081121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 13 01:00:38 2021  
 Response via : Initial Calibration

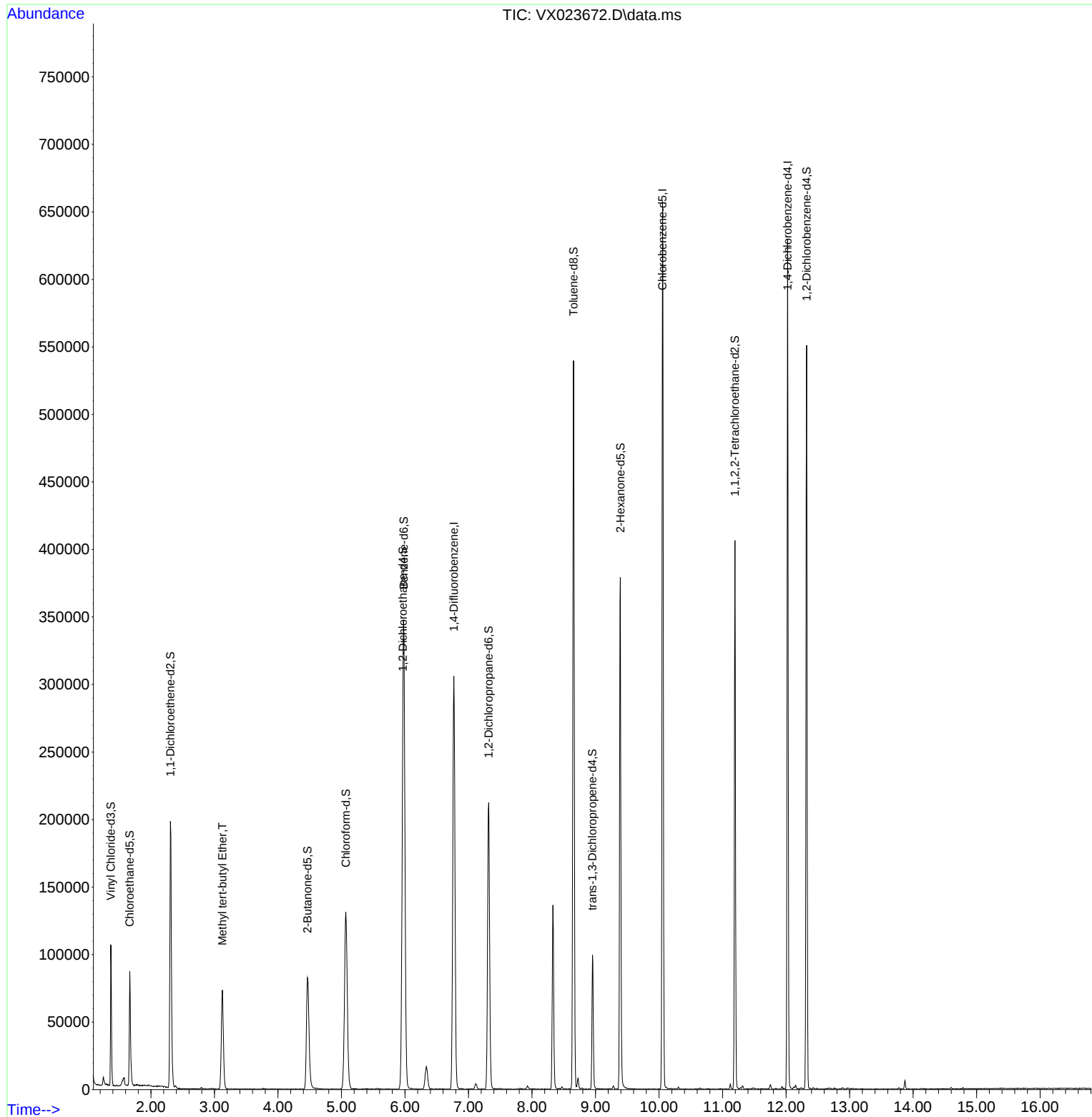
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.769          | 114  | 310211     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 283125     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 122011     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 65448      | 40.477  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 80.960% |       |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 59602      | 44.872  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 89.740% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 63   | 115140     | 32.783  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.560% |       |          |
| 21) 2-Butanone-d5             | 4.465          | 46   | 146072     | 93.705  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 93.700% |       |          |
| 24) Chloroform-d              | 5.068          | 84   | 162233     | 44.311  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.620% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.964          | 65   | 115008     | 45.824  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.640% |       |          |
| 32) Benzene-d6                | 5.983          | 84   | 333075     | 46.701  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.400% |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.318          | 67   | 105971     | 47.222  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.440% |       |          |
| 41) Toluene-d8                | 8.653          | 98   | 308072     | 44.851  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.700% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 44576      | 41.975  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.960% |       |          |
| 47) 2-Hexanone-d5             | 9.390          | 63   | 105200     | 97.508  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 97.510% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 142569     | 47.691  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.380% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 106029     | 49.522  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.040% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 18) Methyl tert-butyl Ether   | 3.123          | 73   | 74743      | 12.067  | ug/L  | # 95     |
| -----                         |                |      |            |         |       |          |

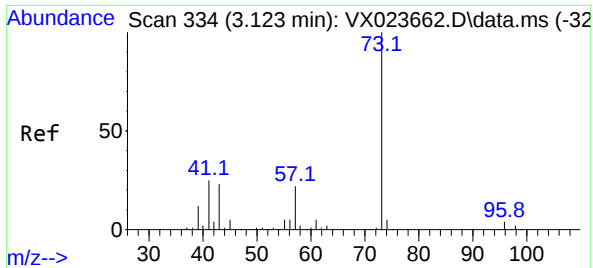
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 13 01:00:38 2021  
Response via : Initial Calibration





#18  
Methyl tert-butyl Ether  
Concen: 12.067 ug/L  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX023672.D  
Acq: 12 Aug 2021 14:14

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|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 74743 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 23.4     | 15.1 22.7#  |
| 57 21.9     | 17.4 26.2   |

