

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020123\  
 Data File : VU052900.D  
 Acq On : 01 Feb 2023 13:11  
 Operator : JC/MD  
 Sample : 01381-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A44N1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Title : VOC Analysis

Signal : TIC: VU052900.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.597       | 73            | 80          | 99           | rVB      | 96451          | 119822        | 12.32%          | 1.631%        |
| 2         | 1.903       | 169           | 175         | 195          | rVB      | 95747          | 132542        | 13.63%          | 1.804%        |
| 3         | 2.324       | 303           | 306         | 309          | rBV      | 386            | 277           | 0.03%           | 0.004%        |
| 4         | 2.562       | 368           | 380         | 396          | rBV      | 190262         | 312888        | 32.17%          | 4.260%        |
| 5         | 2.761       | 437           | 442         | 443          | rBV      | 236            | 228           | 0.02%           | 0.003%        |
| 6         | 2.932       | 490           | 495         | 496          | rBV      | 340            | 212           | 0.02%           | 0.003%        |
| 7         | 3.044       | 521           | 530         | 538          | rVB3     | 1885           | 3119          | 0.32%           | 0.042%        |
| 8         | 3.173       | 567           | 570         | 572          | rBV      | 429            | 343           | 0.04%           | 0.005%        |
| 9         | 3.240       | 588           | 591         | 593          | rBV      | 178            | 148           | 0.02%           | 0.002%        |
| 10        | 3.253       | 593           | 595         | 597          | rVB2     | 280            | 147           | 0.02%           | 0.002%        |
| 11        | 3.285       | 602           | 605         | 607          | rVV      | 227            | 159           | 0.02%           | 0.002%        |
| 12        | 3.424       | 646           | 648         | 651          | rBB      | 334            | 191           | 0.02%           | 0.003%        |
| 13        | 3.469       | 659           | 662         | 664          | rBV      | 236            | 155           | 0.02%           | 0.002%        |
| 14        | 3.681       | 725           | 728         | 731          | rBB      | 261            | 182           | 0.02%           | 0.002%        |
| 15        | 3.700       | 732           | 734         | 739          | rBV      | 156            | 183           | 0.02%           | 0.002%        |
| 16        | 3.774       | 752           | 757         | 760          | rBV2     | 237            | 251           | 0.03%           | 0.003%        |
| 17        | 3.883       | 789           | 791         | 795          | rBB      | 248            | 153           | 0.02%           | 0.002%        |
| 18        | 4.041       | 837           | 840         | 844          | rBB      | 149            | 155           | 0.02%           | 0.002%        |
| 19        | 4.092       | 851           | 856         | 858          | rBV      | 177            | 213           | 0.02%           | 0.003%        |
| 20        | 4.256       | 904           | 907         | 909          | rBV      | 194            | 157           | 0.02%           | 0.002%        |
| 21        | 4.523       | 986           | 990         | 992          | rBV      | 175            | 178           | 0.02%           | 0.002%        |
| 22        | 4.620       | 1009          | 1020        | 1028         | rBV2     | 53250          | 123919        | 12.74%          | 1.687%        |
| 23        | 4.893       | 1103          | 1105        | 1111         | rVB2     | 309            | 256           | 0.03%           | 0.003%        |
| 24        | 4.925       | 1112          | 1115        | 1118         | rBB2     | 303            | 235           | 0.02%           | 0.003%        |
| 25        | 4.957       | 1121          | 1125        | 1126         | rBV      | 300            | 227           | 0.02%           | 0.003%        |
| 26        | 5.057       | 1140          | 1156        | 1181         | rBV      | 171926         | 375350        | 38.59%          | 5.110%        |
| 27        | 5.372       | 1250          | 1254        | 1256         | rBV      | 362            | 282           | 0.03%           | 0.004%        |
| 28        | 5.462       | 1280          | 1282        | 1284         | rVB      | 301            | 142           | 0.01%           | 0.002%        |
| 29        | 5.642       | 1335          | 1338        | 1341         | rBV      | 216            | 189           | 0.02%           | 0.003%        |
| 30        | 5.719       | 1341          | 1362        | 1388         | rBV3     | 331238         | 893737        | 91.89%          | 12.168%       |
| 31        | 5.899       | 1415          | 1418        | 1420         | rVB2     | 245            | 154           | 0.02%           | 0.002%        |
| 32        | 5.915       | 1420          | 1423        | 1426         | rBV2     | 349            | 268           | 0.03%           | 0.004%        |
| 33        | 5.996       | 1441          | 1448        | 1452         | rBV      | 226            | 379           | 0.04%           | 0.005%        |
| 34        | 6.134       | 1487          | 1491        | 1493         | rBV      | 153            | 157           | 0.02%           | 0.002%        |
| 35        | 6.243       | 1512          | 1525        | 1550         | rVV      | 262575         | 495634        | 50.96%          | 6.748%        |
| 36        | 6.388       | 1565          | 1570        | 1576         | rBV2     | 279            | 417           | 0.04%           | 0.006%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 6.439  | 1584 | 1586 | 1590 | rBV  | 365    | 294    | 0.03%  | 0.004%  |
| 38 | 6.468  | 1593 | 1595 | 1597 | rVB  | 244    | 132    | 0.01%  | 0.002%  |
| 39 | 6.536  | 1604 | 1616 | 1639 | rBV  | 165133 | 308052 | 31.67% | 4.194%  |
| 40 | 6.684  | 1649 | 1662 | 1684 | rBV  | 206101 | 403564 | 41.49% | 5.494%  |
| 41 | 6.806  | 1697 | 1700 | 1703 | rVB  | 404    | 275    | 0.03%  | 0.004%  |
| 42 | 7.108  | 1791 | 1794 | 1796 | rBV  | 168    | 137    | 0.01%  | 0.002%  |
| 43 | 7.185  | 1813 | 1818 | 1827 | rVB4 | 1455   | 1966   | 0.20%  | 0.027%  |
| 44 | 7.259  | 1838 | 1841 | 1843 | rBB  | 301    | 166    | 0.02%  | 0.002%  |
| 45 | 7.433  | 1892 | 1895 | 1898 | rBV  | 151    | 136    | 0.01%  | 0.002%  |
| 46 | 7.562  | 1922 | 1935 | 1952 | rBV  | 105559 | 184439 | 18.96% | 2.511%  |
| 47 | 7.687  | 1966 | 1974 | 1975 | rBV2 | 750    | 773    | 0.08%  | 0.011%  |
| 48 | 7.787  | 2002 | 2005 | 2009 | rBB  | 185    | 184    | 0.02%  | 0.003%  |
| 49 | 7.816  | 2010 | 2014 | 2015 | rBV  | 278    | 172    | 0.02%  | 0.002%  |
| 50 | 7.893  | 2025 | 2038 | 2056 | rVV  | 406080 | 690110 | 70.95% | 9.395%  |
| 51 | 8.015  | 2074 | 2076 | 2079 | rBV  | 232    | 139    | 0.01%  | 0.002%  |
| 52 | 8.105  | 2101 | 2104 | 2107 | rVB2 | 364    | 236    | 0.02%  | 0.003%  |
| 53 | 8.176  | 2115 | 2126 | 2146 | rBV2 | 74856  | 127870 | 13.15% | 1.741%  |
| 54 | 8.369  | 2183 | 2186 | 2188 | rBB  | 275    | 169    | 0.02%  | 0.002%  |
| 55 | 8.465  | 2209 | 2216 | 2227 | rVB3 | 1525   | 2152   | 0.22%  | 0.029%  |
| 56 | 8.636  | 2255 | 2269 | 2300 | rBV3 | 154491 | 314225 | 32.31% | 4.278%  |
| 57 | 8.761  | 2306 | 2308 | 2311 | rVB2 | 506    | 219    | 0.02%  | 0.003%  |
| 58 | 8.832  | 2328 | 2330 | 2333 | rBV  | 255    | 174    | 0.02%  | 0.002%  |
| 59 | 8.899  | 2349 | 2351 | 2353 | rBV  | 281    | 175    | 0.02%  | 0.002%  |
| 60 | 9.005  | 2380 | 2384 | 2385 | rBV  | 183    | 157    | 0.02%  | 0.002%  |
| 61 | 9.185  | 2436 | 2440 | 2442 | rBV2 | 269    | 221    | 0.02%  | 0.003%  |
| 62 | 9.230  | 2451 | 2454 | 2457 | rBB  | 195    | 144    | 0.01%  | 0.002%  |
| 63 | 9.263  | 2462 | 2464 | 2467 | rBV  | 171    | 142    | 0.01%  | 0.002%  |
| 64 | 9.414  | 2498 | 2511 | 2536 | rBV2 | 376707 | 761586 | 78.30% | 10.368% |
| 65 | 9.536  | 2546 | 2549 | 2553 | rVB  | 429    | 313    | 0.03%  | 0.004%  |
| 66 | 9.562  | 2553 | 2557 | 2558 | rBV2 | 286    | 167    | 0.02%  | 0.002%  |
| 67 | 9.607  | 2567 | 2571 | 2577 | rBV  | 237    | 356    | 0.04%  | 0.005%  |
| 68 | 9.658  | 2585 | 2587 | 2590 | rVB  | 262    | 142    | 0.01%  | 0.002%  |
| 69 | 9.690  | 2594 | 2597 | 2603 | rBB2 | 324    | 323    | 0.03%  | 0.004%  |
| 70 | 9.809  | 2632 | 2634 | 2637 | rBV  | 282    | 182    | 0.02%  | 0.002%  |
| 71 | 9.983  | 2685 | 2688 | 2693 | rVB  | 210    | 153    | 0.02%  | 0.002%  |
| 72 | 10.060 | 2708 | 2712 | 2716 | rBV  | 211    | 236    | 0.02%  | 0.003%  |
| 73 | 10.176 | 2738 | 2748 | 2751 | rBV  | 225    | 422    | 0.04%  | 0.006%  |
| 74 | 10.333 | 2794 | 2797 | 2801 | rBV  | 245    | 181    | 0.02%  | 0.002%  |
| 75 | 10.491 | 2844 | 2846 | 2852 | rVB  | 192    | 140    | 0.01%  | 0.002%  |
| 76 | 10.539 | 2858 | 2861 | 2863 | rBV  | 169    | 142    | 0.01%  | 0.002%  |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 77  | 10.697 | 2906 | 2910 | 2912 | rBV  | 191    | 179    | 0.02%   | 0.002%  |
| 78  | 10.751 | 2914 | 2927 | 2946 | rVV  | 267231 | 422615 | 43.45%  | 5.754%  |
| 79  | 10.825 | 2946 | 2950 | 2954 | rVB  | 307    | 269    | 0.03%   | 0.004%  |
| 80  | 10.889 | 2960 | 2970 | 2978 | rVB6 | 1840   | 2910   | 0.30%   | 0.040%  |
| 81  | 11.372 | 3117 | 3120 | 3122 | rBV2 | 174    | 131    | 0.01%   | 0.002%  |
| 82  | 11.455 | 3142 | 3146 | 3147 | rBV  | 229    | 187    | 0.02%   | 0.003%  |
| 83  | 11.742 | 3227 | 3235 | 3243 | rVB2 | 6238   | 9100   | 0.94%   | 0.124%  |
| 84  | 11.806 | 3243 | 3255 | 3281 | rBV  | 348664 | 614691 | 63.20%  | 8.369%  |
| 85  | 12.060 | 3327 | 3334 | 3346 | rBV4 | 3699   | 5776   | 0.59%   | 0.079%  |
| 86  | 12.192 | 3361 | 3375 | 3398 | rBV2 | 433293 | 972666 | 100.00% | 13.242% |
| 87  | 12.433 | 3447 | 3450 | 3454 | rBV  | 229    | 161    | 0.02%   | 0.002%  |
| 88  | 12.770 | 3547 | 3555 | 3562 | rVB4 | 1300   | 2005   | 0.21%   | 0.027%  |
| 89  | 13.102 | 3656 | 3658 | 3664 | rVB2 | 261    | 169    | 0.02%   | 0.002%  |
| 90  | 13.333 | 3726 | 3730 | 3732 | rBV  | 236    | 189    | 0.02%   | 0.003%  |
| 91  | 13.677 | 3835 | 3837 | 3840 | rBV  | 228    | 133    | 0.01%   | 0.002%  |
| 92  | 13.780 | 3866 | 3869 | 3872 | rBV2 | 310    | 195    | 0.02%   | 0.003%  |
| 93  | 13.838 | 3877 | 3887 | 3904 | rVV2 | 27423  | 42837  | 4.40%   | 0.583%  |
| 94  | 13.921 | 3910 | 3913 | 3917 | rVB3 | 434    | 276    | 0.03%   | 0.004%  |
| 95  | 13.970 | 3926 | 3928 | 3931 | rVB  | 315    | 181    | 0.02%   | 0.002%  |
| 96  | 14.005 | 3936 | 3939 | 3944 | rBV2 | 263    | 213    | 0.02%   | 0.003%  |
| 97  | 14.327 | 4033 | 4039 | 4049 | rVB5 | 3616   | 5687   | 0.58%   | 0.077%  |
| 98  | 14.963 | 4234 | 4237 | 4241 | rBV2 | 271    | 274    | 0.03%   | 0.004%  |
| 99  | 15.079 | 4270 | 4273 | 4274 | rBV2 | 445    | 187    | 0.02%   | 0.003%  |
| 100 | 15.712 | 4468 | 4470 | 4474 | rBV3 | 584    | 419    | 0.04%   | 0.006%  |

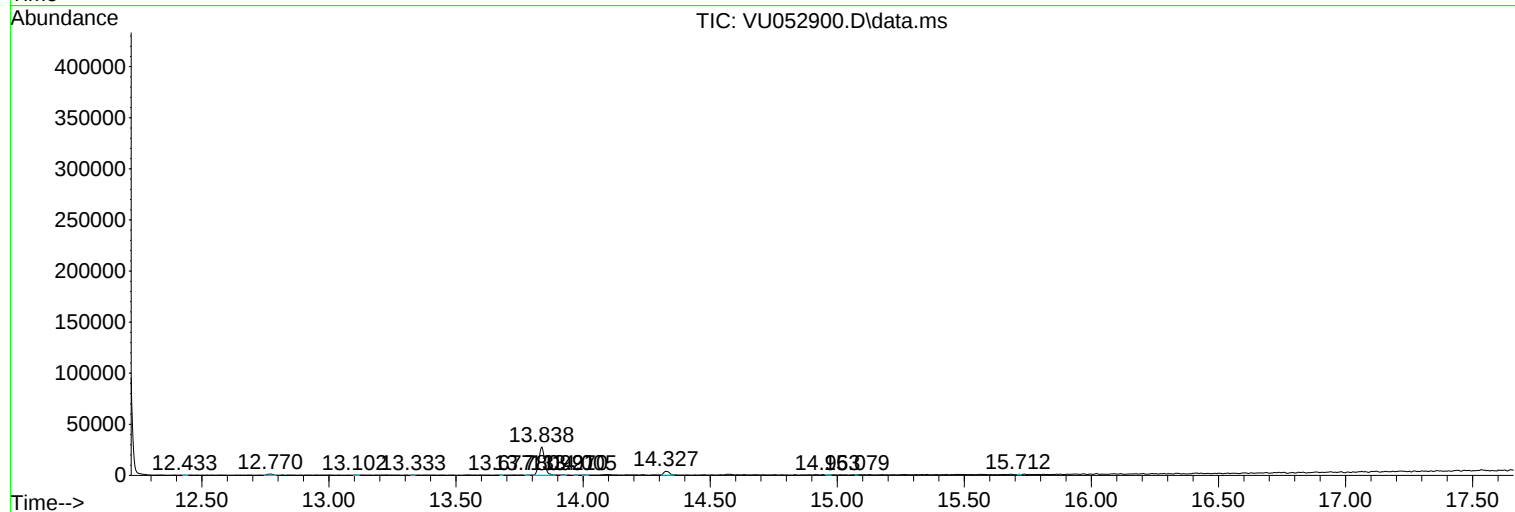
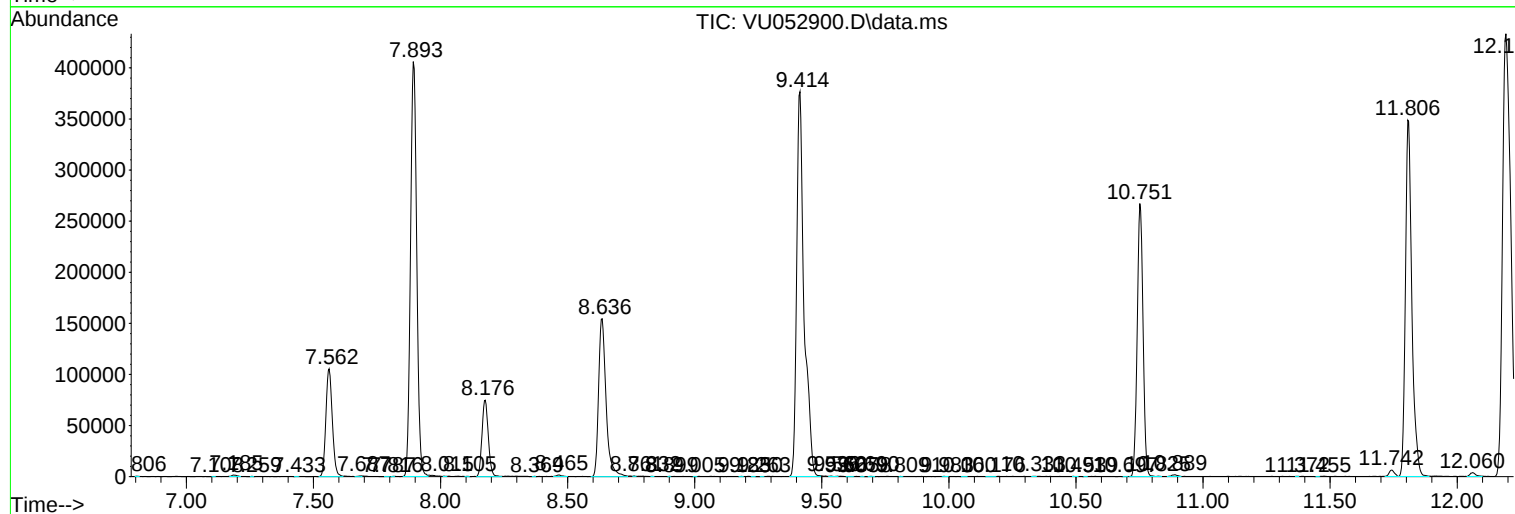
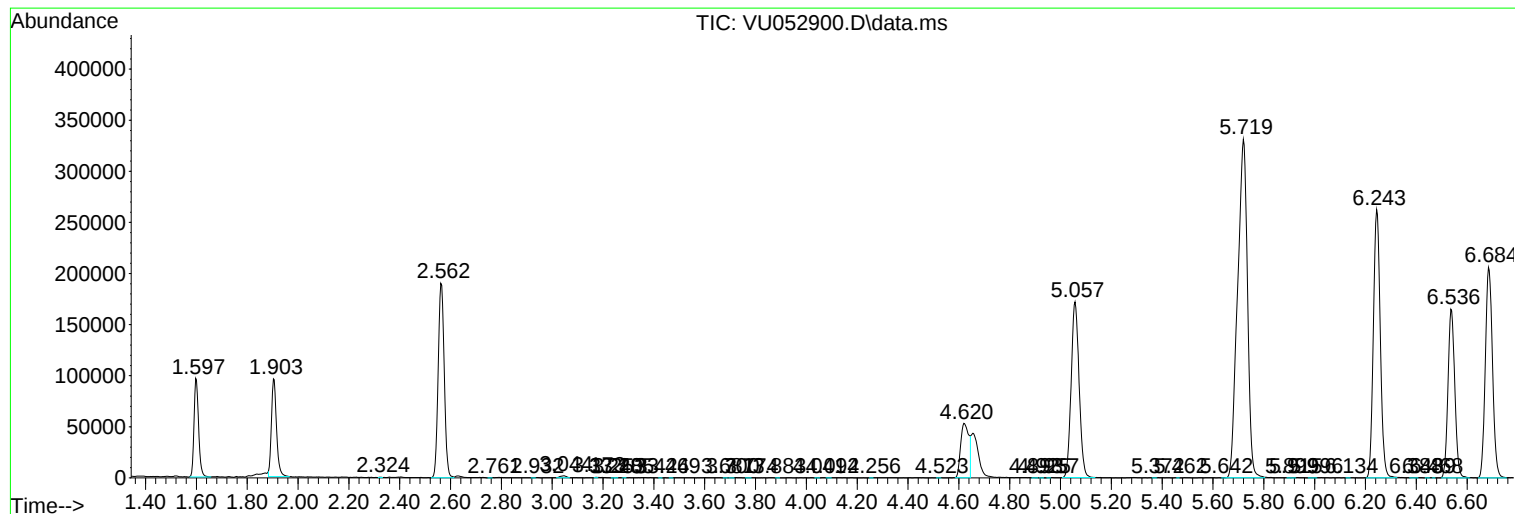
Sum of corrected areas: 7345265

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |