

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\  
 Data File : VU037197.D  
 Acq On : 12 Mar 2020 18:30  
 Operator : JC/MD  
 Sample : L1784-17  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.613    | 78         | 85       | 95        | rBV   | 229928      | 243331     | 13.65%       | 1.763%     |
| 2      | 1.929    | 175        | 183      | 195       | rVB   | 186549      | 239807     | 13.45%       | 1.738%     |
| 3      | 2.591    | 375        | 389      | 414       | rBV   | 340346      | 565481     | 31.72%       | 4.098%     |
| 4      | 2.784    | 444        | 449      | 451       | rBV4  | 659         | 633        | 0.04%        | 0.005%     |
| 5      | 3.173    | 568        | 570      | 571       | rBV   | 133         | 58         | 0.00%        | 0.000%     |
| 6      | 3.221    | 571        | 585      | 598       | rVB3  | 5553        | 12436      | 0.70%        | 0.090%     |
| 7      | 3.273    | 598        | 601      | 604       | rBV3  | 323         | 235        | 0.01%        | 0.002%     |
| 8      | 3.289    | 604        | 606      | 609       | rVV   | 359         | 172        | 0.01%        | 0.001%     |
| 9      | 3.350    | 623        | 625      | 627       | rBV   | 159         | 102        | 0.01%        | 0.001%     |
| 10     | 3.504    | 671        | 673      | 680       | rVB3  | 432         | 414        | 0.02%        | 0.003%     |
| 11     | 3.546    | 680        | 686      | 690       | rBV2  | 427         | 602        | 0.03%        | 0.004%     |
| 12     | 3.665    | 721        | 723      | 725       | rBV   | 354         | 169        | 0.01%        | 0.001%     |
| 13     | 3.703    | 732        | 735      | 737       | rBV2  | 242         | 196        | 0.01%        | 0.001%     |
| 14     | 3.893    | 792        | 794      | 795       | rBV   | 156         | 49         | 0.00%        | 0.000%     |
| 15     | 3.903    | 795        | 797      | 799       | rVV2  | 265         | 106        | 0.01%        | 0.001%     |
| 16     | 3.938    | 805        | 808      | 809       | rBV   | 217         | 120        | 0.01%        | 0.001%     |
| 17     | 4.002    | 822        | 828      | 830       | rBV2  | 385         | 388        | 0.02%        | 0.003%     |
| 18     | 4.038    | 834        | 839      | 843       | rVB   | 422         | 402        | 0.02%        | 0.003%     |
| 19     | 4.060    | 844        | 846      | 848       | rVB   | 383         | 178        | 0.01%        | 0.001%     |
| 20     | 4.080    | 848        | 852      | 854       | rBV   | 304         | 192        | 0.01%        | 0.001%     |
| 21     | 4.096    | 854        | 857      | 859       | rBV   | 372         | 220        | 0.01%        | 0.002%     |
| 22     | 4.160    | 875        | 877      | 880       | rVB2  | 302         | 151        | 0.01%        | 0.001%     |
| 23     | 4.195    | 885        | 888      | 892       | rVB   | 510         | 389        | 0.02%        | 0.003%     |
| 24     | 4.215    | 892        | 894      | 895       | rBV   | 219         | 117        | 0.01%        | 0.001%     |
| 25     | 4.385    | 944        | 947      | 950       | rBV   | 213         | 174        | 0.01%        | 0.001%     |
| 26     | 4.401    | 950        | 952      | 954       | rVV   | 241         | 115        | 0.01%        | 0.001%     |
| 27     | 4.453    | 966        | 968      | 976       | rVB   | 390         | 444        | 0.02%        | 0.003%     |
| 28     | 4.491    | 976        | 980      | 982       | rBV2  | 269         | 197        | 0.01%        | 0.001%     |
| 29     | 4.549    | 996        | 998      | 1000      | rBV2  | 236         | 118        | 0.01%        | 0.001%     |
| 30     | 4.668    | 1019       | 1035     | 1057      | rBV   | 191518      | 452478     | 25.38%       | 3.279%     |
| 31     | 5.002    | 1137       | 1139     | 1141      | rBV   | 309         | 154        | 0.01%        | 0.001%     |
| 32     | 5.041    | 1148       | 1151     | 1153      | rBV3  | 527         | 284        | 0.02%        | 0.002%     |
| 33     | 5.102    | 1154       | 1170     | 1191      | rVV   | 326170      | 727415     | 40.81%       | 5.271%     |
| 34     | 5.282    | 1224       | 1226     | 1229      | rBV   | 408         | 265        | 0.01%        | 0.002%     |

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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\SOMULM031220WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 5.494 | 1290 | 1292 | 1293 | rBV  | 301    | 127     | 0.01%   | 0.001%  |
| 36 | 5.626 | 1328 | 1333 | 1334 | rBV2 | 385    | 241     | 0.01%   | 0.002%  |
| 37 | 5.761 | 1352 | 1375 | 1395 | rBV2 | 665617 | 1782527 | 100.00% | 12.917% |
| 38 | 6.105 | 1480 | 1482 | 1487 | rBV2 | 477    | 305     | 0.02%   | 0.002%  |
| 39 | 6.176 | 1502 | 1504 | 1508 | rBV2 | 328    | 287     | 0.02%   | 0.002%  |
| 40 | 6.282 | 1521 | 1537 | 1555 | rBV  | 554738 | 1043826 | 58.56%  | 7.564%  |
| 41 | 6.572 | 1615 | 1627 | 1640 | rVB3 | 30501  | 56997   | 3.20%   | 0.413%  |
| 42 | 6.723 | 1657 | 1674 | 1693 | rBV  | 423854 | 828941  | 46.50%  | 6.007%  |
| 43 | 6.983 | 1752 | 1755 | 1759 | rBV2 | 480    | 382     | 0.02%   | 0.003%  |
| 44 | 7.028 | 1766 | 1769 | 1772 | rBV2 | 288    | 144     | 0.01%   | 0.001%  |
| 45 | 7.108 | 1791 | 1794 | 1795 | rBV  | 425    | 193     | 0.01%   | 0.001%  |
| 46 | 7.192 | 1818 | 1820 | 1822 | rBV2 | 370    | 223     | 0.01%   | 0.002%  |
| 47 | 7.305 | 1851 | 1855 | 1857 | rBV2 | 625    | 486     | 0.03%   | 0.004%  |
| 48 | 7.346 | 1864 | 1868 | 1872 | rBV  | 447    | 368     | 0.02%   | 0.003%  |
| 49 | 7.404 | 1884 | 1886 | 1889 | rBV2 | 262    | 165     | 0.01%   | 0.001%  |
| 50 | 7.443 | 1896 | 1898 | 1899 | rBV2 | 421    | 172     | 0.01%   | 0.001%  |
| 51 | 7.498 | 1913 | 1915 | 1919 | rVB2 | 218    | 124     | 0.01%   | 0.001%  |
| 52 | 7.526 | 1923 | 1924 | 1925 | rBV2 | 151    | 48      | 0.00%   | 0.000%  |
| 53 | 7.549 | 1925 | 1931 | 1932 | rBV  | 477    | 427     | 0.02%   | 0.003%  |
| 54 | 7.594 | 1932 | 1945 | 1960 | rBV  | 242058 | 422891  | 23.72%  | 3.065%  |
| 55 | 7.819 | 2008 | 2015 | 2016 | rBV4 | 930    | 1027    | 0.06%   | 0.007%  |
| 56 | 7.922 | 2032 | 2047 | 2066 | rBV  | 829379 | 1409561 | 79.08%  | 10.214% |
| 57 | 8.137 | 2111 | 2114 | 2115 | rBV  | 276    | 132     | 0.01%   | 0.001%  |
| 58 | 8.205 | 2123 | 2135 | 2158 | rBV  | 178711 | 307471  | 17.25%  | 2.228%  |
| 59 | 8.555 | 2243 | 2244 | 2245 | rBV  | 197    | 52      | 0.00%   | 0.000%  |
| 60 | 8.658 | 2263 | 2276 | 2319 | rBV  | 565720 | 1071349 | 60.10%  | 7.764%  |
| 61 | 8.835 | 2329 | 2331 | 2334 | rVB  | 695    | 312     | 0.02%   | 0.002%  |
| 62 | 8.854 | 2334 | 2337 | 2341 | rBV4 | 654    | 556     | 0.03%   | 0.004%  |
| 63 | 8.993 | 2377 | 2380 | 2382 | rBV  | 506    | 284     | 0.02%   | 0.002%  |
| 64 | 9.054 | 2395 | 2399 | 2401 | rBV2 | 532    | 350     | 0.02%   | 0.003%  |
| 65 | 9.141 | 2420 | 2426 | 2428 | rBV2 | 387    | 405     | 0.02%   | 0.003%  |
| 66 | 9.317 | 2477 | 2481 | 2482 | rBV  | 678    | 397     | 0.02%   | 0.003%  |
| 67 | 9.436 | 2505 | 2518 | 2539 | rBV  | 781304 | 1301284 | 73.00%  | 9.430%  |
| 68 | 9.587 | 2560 | 2565 | 2571 | rBV3 | 866    | 1169    | 0.07%   | 0.008%  |
| 69 | 9.703 | 2598 | 2601 | 2603 | rBV2 | 723    | 530     | 0.03%   | 0.004%  |
| 70 | 9.755 | 2615 | 2617 | 2619 | rVB  | 230    | 75      | 0.00%   | 0.001%  |
| 71 | 9.941 | 2672 | 2675 | 2677 | rBV  | 374    | 266     | 0.01%   | 0.002%  |

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Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 10.034 | 2702 | 2704 | 2709 | rVB2 | 520    | 426     | 0.02%  | 0.003% |
| 73 | 10.070 | 2712 | 2715 | 2718 | rBV2 | 422    | 315     | 0.02%  | 0.002% |
| 74 | 10.311 | 2788 | 2790 | 2796 | rBV2 | 485    | 462     | 0.03%  | 0.003% |
| 75 | 10.372 | 2806 | 2809 | 2811 | rBV2 | 292    | 184     | 0.01%  | 0.001% |
| 76 | 10.774 | 2921 | 2934 | 2953 | rBV  | 583949 | 938218  | 52.63% | 6.799% |
| 77 | 10.903 | 2971 | 2974 | 2979 | rBV3 | 762    | 744     | 0.04%  | 0.005% |
| 78 | 10.948 | 2985 | 2988 | 2991 | rVB  | 420    | 257     | 0.01%  | 0.002% |
| 79 | 11.050 | 3017 | 3020 | 3026 | rVB2 | 627    | 665     | 0.04%  | 0.005% |
| 80 | 11.829 | 3249 | 3262 | 3284 | rVB  | 675379 | 1118675 | 62.76% | 8.107% |
| 81 | 12.208 | 3367 | 3380 | 3398 | rVB  | 781231 | 1258013 | 70.57% | 9.116% |

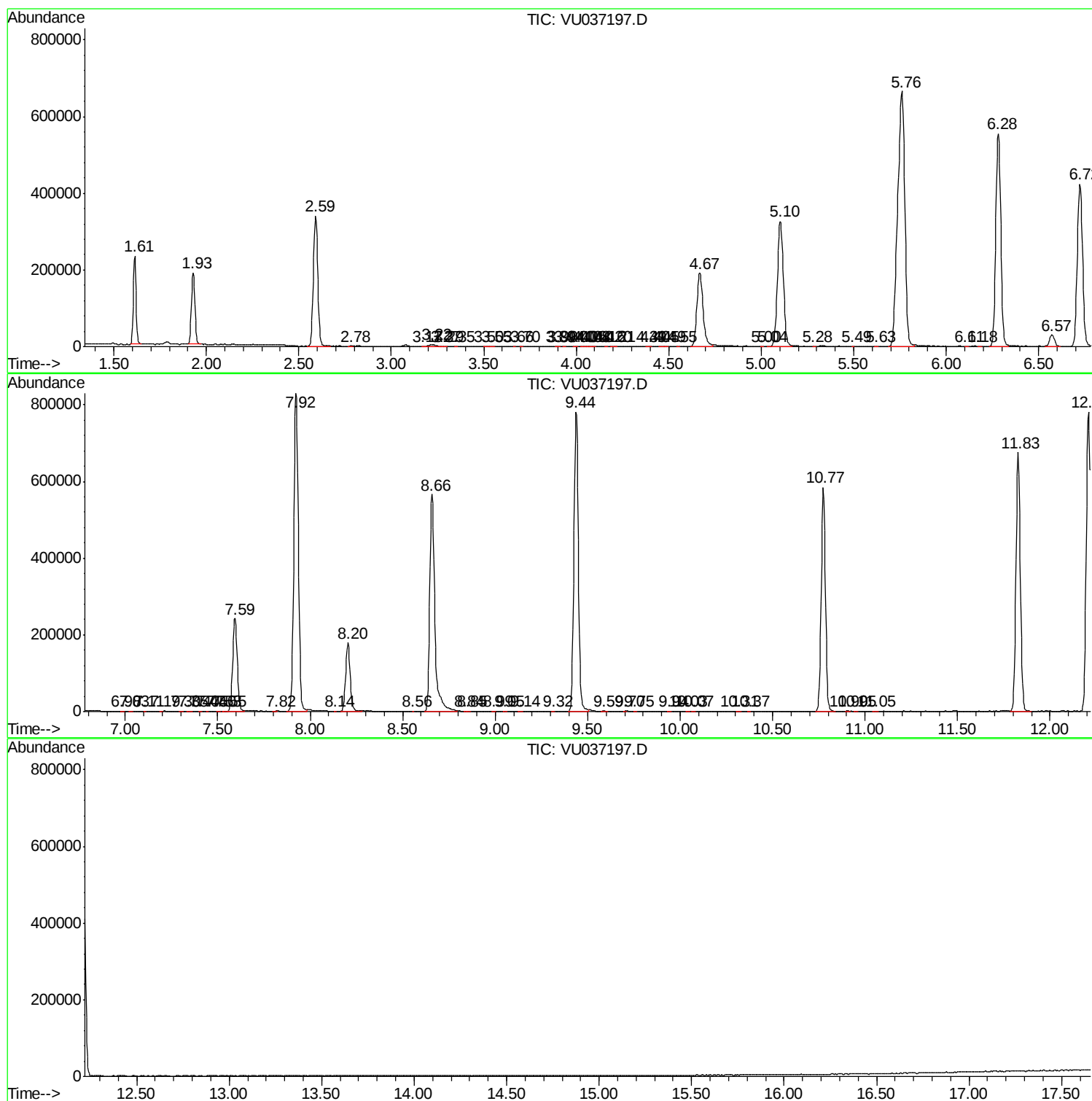
Sum of corrected areas: 13799645

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
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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        |