

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU010820\  
 Data File : VU036406.D  
 Acq On : 08 Jan 2020 14:40  
 Operator : JC/MD  
 Sample : L1042-06  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFRA3

## 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\SOMULM122719WMA.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   | 248941      | 274587     | 12.76%       | 1.714%     |
| 2      | 1.932    | 177        | 184      | 198       | rVB   | 220668      | 283375     | 13.17%       | 1.768%     |
| 3      | 2.594    | 378        | 390      | 404       | rBV   | 420918      | 702469     | 32.64%       | 4.384%     |
| 4      | 3.038    | 526        | 528      | 533       | rBV2  | 1214        | 1094       | 0.05%        | 0.007%     |
| 5      | 3.504    | 671        | 673      | 676       | rVB2  | 1213        | 644        | 0.03%        | 0.004%     |
| 6      | 3.530    | 677        | 681      | 685       | rVB5  | 949         | 694        | 0.03%        | 0.004%     |
| 7      | 3.549    | 685        | 687      | 689       | rBV   | 553         | 246        | 0.01%        | 0.002%     |
| 8      | 3.581    | 694        | 697      | 700       | rBV2  | 942         | 652        | 0.03%        | 0.004%     |
| 9      | 3.848    | 776        | 780      | 783       | rBV4  | 665         | 633        | 0.03%        | 0.004%     |
| 10     | 3.883    | 788        | 791      | 792       | rBV4  | 1370        | 731        | 0.03%        | 0.005%     |
| 11     | 4.015    | 830        | 832      | 834       | rBV3  | 636         | 273        | 0.01%        | 0.002%     |
| 12     | 4.050    | 841        | 843      | 846       | rBV2  | 662         | 327        | 0.02%        | 0.002%     |
| 13     | 4.121    | 860        | 865      | 868       | rBV5  | 869         | 776        | 0.04%        | 0.005%     |
| 14     | 4.192    | 884        | 887      | 892       | rVB3  | 586         | 479        | 0.02%        | 0.003%     |
| 15     | 4.214    | 892        | 894      | 895       | rBV   | 236         | 99         | 0.00%        | 0.001%     |
| 16     | 4.227    | 896        | 898      | 900       | rBV3  | 479         | 263        | 0.01%        | 0.002%     |
| 17     | 4.298    | 914        | 920      | 925       | rBV4  | 550         | 792        | 0.04%        | 0.005%     |
| 18     | 4.333    | 929        | 931      | 933       | rVV3  | 941         | 535        | 0.02%        | 0.003%     |
| 19     | 4.353    | 936        | 937      | 939       | rVB   | 688         | 135        | 0.01%        | 0.001%     |
| 20     | 4.369    | 939        | 942      | 944       | rBV3  | 704         | 497        | 0.02%        | 0.003%     |
| 21     | 4.404    | 950        | 953      | 955       | rVB3  | 929         | 525        | 0.02%        | 0.003%     |
| 22     | 4.433    | 957        | 962      | 963       | rBV3  | 1252        | 957        | 0.04%        | 0.006%     |
| 23     | 4.597    | 1012       | 1013     | 1014      | rBV3  | 453         | 158        | 0.01%        | 0.001%     |
| 24     | 4.677    | 1022       | 1038     | 1063      | rBV   | 194938      | 493075     | 22.91%       | 3.077%     |
| 25     | 5.108    | 1157       | 1172     | 1193      | rBV   | 387829      | 861547     | 40.03%       | 5.377%     |
| 26     | 5.475    | 1284       | 1286     | 1287      | rBV2  | 960         | 508        | 0.02%        | 0.003%     |
| 27     | 5.575    | 1313       | 1317     | 1321      | rBV5  | 1298        | 1090       | 0.05%        | 0.007%     |
| 28     | 5.620    | 1329       | 1331     | 1335      | rVB4  | 1373        | 1005       | 0.05%        | 0.006%     |
| 29     | 5.652    | 1337       | 1341     | 1344      | rBV4  | 872         | 910        | 0.04%        | 0.006%     |
| 30     | 5.693    | 1353       | 1354     | 1355      | rBV   | 547         | 201        | 0.01%        | 0.001%     |
| 31     | 5.764    | 1356       | 1376     | 1414      | rVV3  | 795571      | 2152160    | 100.00%      | 13.431%    |
| 32     | 6.288    | 1525       | 1539     | 1563      | rBV   | 615097      | 1188344    | 55.22%       | 7.416%     |
| 33     | 6.729    | 1662       | 1676     | 1698      | rBV   | 493025      | 979866     | 45.53%       | 6.115%     |
| 34     | 7.169    | 1811       | 1813     | 1814      | rBV   | 722         | 306        | 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\SOMULM122719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 7.211  | 1819 | 1826 | 1837 | rBV7 | 4933   | 9373    | 0.44%  | 0.058%  |
| 36 | 7.253  | 1837 | 1839 | 1841 | rBV4 | 714    | 273     | 0.01%  | 0.002%  |
| 37 | 7.298  | 1852 | 1853 | 1856 | rBV2 | 565    | 336     | 0.02%  | 0.002%  |
| 38 | 7.346  | 1866 | 1868 | 1869 | rBV  | 708    | 325     | 0.02%  | 0.002%  |
| 39 | 7.391  | 1878 | 1882 | 1883 | rBV3 | 1379   | 861     | 0.04%  | 0.005%  |
| 40 | 7.430  | 1891 | 1894 | 1897 | rBV4 | 1065   | 933     | 0.04%  | 0.006%  |
| 41 | 7.494  | 1912 | 1914 | 1915 | rBV  | 357    | 135     | 0.01%  | 0.001%  |
| 42 | 7.600  | 1934 | 1947 | 1972 | rBV  | 297183 | 553606  | 25.72% | 3.455%  |
| 43 | 7.931  | 2035 | 2050 | 2067 | rBV  | 984425 | 1755924 | 81.59% | 10.958% |
| 44 | 8.211  | 2122 | 2137 | 2160 | rBV  | 211226 | 387724  | 18.02% | 2.420%  |
| 45 | 8.443  | 2204 | 2209 | 2212 | rBV6 | 1246   | 1164    | 0.05%  | 0.007%  |
| 46 | 8.497  | 2221 | 2226 | 2229 | rBV6 | 1490   | 1759    | 0.08%  | 0.011%  |
| 47 | 8.581  | 2242 | 2252 | 2265 | rVB4 | 18347  | 32265   | 1.50%  | 0.201%  |
| 48 | 8.671  | 2266 | 2280 | 2323 | rBV  | 407880 | 1116175 | 51.86% | 6.966%  |
| 49 | 8.886  | 2345 | 2347 | 2349 | rBV2 | 868    | 337     | 0.02%  | 0.002%  |
| 50 | 8.935  | 2357 | 2362 | 2366 | rBV4 | 1057   | 1179    | 0.05%  | 0.007%  |
| 51 | 9.025  | 2386 | 2390 | 2394 | rBV4 | 1039   | 986     | 0.05%  | 0.006%  |
| 52 | 9.134  | 2422 | 2424 | 2425 | rBV  | 344    | 87      | 0.00%  | 0.001%  |
| 53 | 9.262  | 2460 | 2464 | 2465 | rBV  | 826    | 509     | 0.02%  | 0.003%  |
| 54 | 9.298  | 2471 | 2475 | 2478 | rBV2 | 794    | 758     | 0.04%  | 0.005%  |
| 55 | 9.327  | 2478 | 2484 | 2488 | rVB2 | 945    | 895     | 0.04%  | 0.006%  |
| 56 | 9.349  | 2488 | 2491 | 2492 | rBV2 | 803    | 440     | 0.02%  | 0.003%  |
| 57 | 9.359  | 2492 | 2494 | 2497 | rVB3 | 1066   | 424     | 0.02%  | 0.003%  |
| 58 | 9.378  | 2498 | 2500 | 2501 | rBV3 | 620    | 260     | 0.01%  | 0.002%  |
| 59 | 9.446  | 2508 | 2521 | 2556 | rBV  | 837229 | 1512663 | 70.29% | 9.440%  |
| 60 | 9.594  | 2564 | 2567 | 2568 | rBV2 | 2001   | 1150    | 0.05%  | 0.007%  |
| 61 | 9.719  | 2597 | 2606 | 2621 | rBV3 | 14728  | 24178   | 1.12%  | 0.151%  |
| 62 | 9.864  | 2649 | 2651 | 2653 | rBV  | 657    | 406     | 0.02%  | 0.003%  |
| 63 | 9.909  | 2662 | 2665 | 2669 | rBV2 | 736    | 432     | 0.02%  | 0.003%  |
| 64 | 9.941  | 2672 | 2675 | 2677 | rBV3 | 788    | 450     | 0.02%  | 0.003%  |
| 65 | 9.957  | 2677 | 2680 | 2684 | rBV3 | 799    | 619     | 0.03%  | 0.004%  |
| 66 | 10.034 | 2699 | 2704 | 2707 | rBV5 | 1434   | 1371    | 0.06%  | 0.009%  |
| 67 | 10.076 | 2713 | 2717 | 2720 | rBV4 | 849    | 571     | 0.03%  | 0.004%  |
| 68 | 10.095 | 2720 | 2723 | 2725 | rBV2 | 628    | 468     | 0.02%  | 0.003%  |
| 69 | 10.124 | 2725 | 2732 | 2740 | rBV4 | 8394   | 12648   | 0.59%  | 0.079%  |
| 70 | 10.208 | 2756 | 2758 | 2762 | rBV2 | 479    | 360     | 0.02%  | 0.002%  |
| 71 | 10.266 | 2773 | 2776 | 2778 | rBV2 | 656    | 489     | 0.02%  | 0.003%  |

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## Integration Parameters: LSCINT.P

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 Min Area: 0 % of largest Peak  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 10.279 | 2778 | 2780 | 2784 | rVV3 | 843    | 642     | 0.03%  | 0.004% |
| 73 | 10.606 | 2878 | 2882 | 2883 | rBV3 | 682    | 469     | 0.02%  | 0.003% |
| 74 | 10.700 | 2907 | 2911 | 2913 | rBV2 | 762    | 465     | 0.02%  | 0.003% |
| 75 | 10.783 | 2924 | 2937 | 2957 | rVB  | 637191 | 1097946 | 51.02% | 6.852% |
| 76 | 10.883 | 2964 | 2968 | 2969 | rBV2 | 1101   | 644     | 0.03%  | 0.004% |
| 77 | 10.963 | 2991 | 2993 | 2997 | rBV4 | 808    | 544     | 0.03%  | 0.003% |
| 78 | 11.063 | 3021 | 3024 | 3027 | rBV4 | 1354   | 1009    | 0.05%  | 0.006% |
| 79 | 11.195 | 3062 | 3065 | 3068 | rBV2 | 824    | 552     | 0.03%  | 0.003% |
| 80 | 11.221 | 3068 | 3073 | 3077 | rVV3 | 907    | 910     | 0.04%  | 0.006% |
| 81 | 11.307 | 3097 | 3100 | 3101 | rBV4 | 1208   | 688     | 0.03%  | 0.004% |
| 82 | 11.838 | 3252 | 3265 | 3279 | rBV  | 698260 | 1214844 | 56.45% | 7.582% |
| 83 | 12.217 | 3370 | 3383 | 3401 | rVB  | 778602 | 1320724 | 61.37% | 8.242% |
| 84 | 12.356 | 3423 | 3426 | 3429 | rVB2 | 1136   | 748     | 0.03%  | 0.005% |
| 85 | 12.381 | 3431 | 3434 | 3437 | rBV3 | 1232   | 1051    | 0.05%  | 0.007% |
| 86 | 12.542 | 3482 | 3484 | 3486 | rBV2 | 781    | 400     | 0.02%  | 0.002% |
| 87 | 12.590 | 3495 | 3499 | 3506 | rBV8 | 4285   | 4659    | 0.22%  | 0.029% |
| 88 | 12.896 | 3590 | 3594 | 3595 | rBV4 | 1854   | 1342    | 0.06%  | 0.008% |
| 89 | 12.950 | 3606 | 3611 | 3612 | rBV3 | 1167   | 874     | 0.04%  | 0.005% |
| 90 | 13.314 | 3718 | 3724 | 3727 | rBV6 | 1819   | 2021    | 0.09%  | 0.013% |
| 91 | 13.921 | 3911 | 3913 | 3916 | rBV2 | 1258   | 641     | 0.03%  | 0.004% |

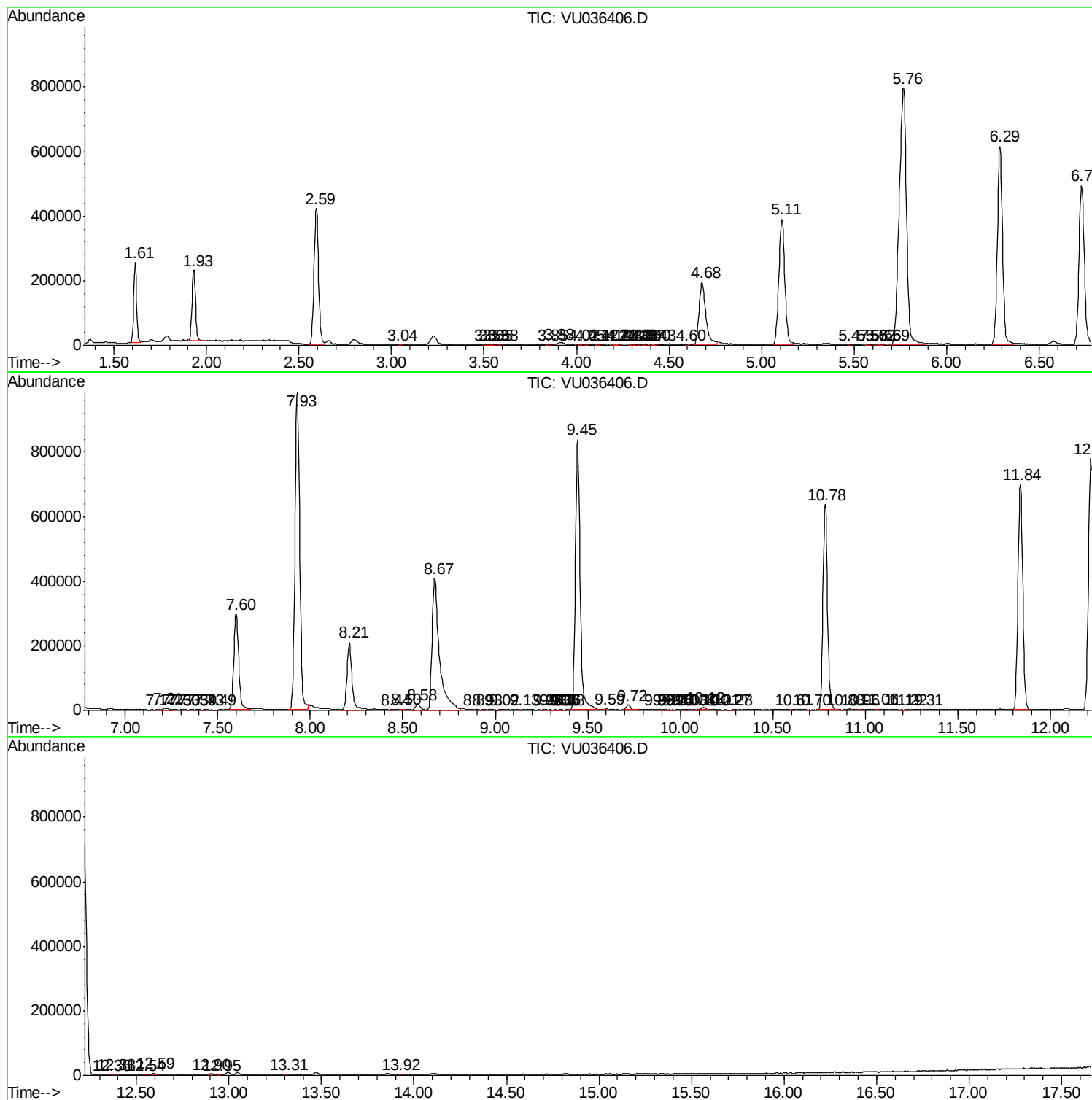
Sum of corrected areas: 16023659

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU010820\  
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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          |