

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\  
 Data File : VU031890.D  
 Acq On : 10 May 2019 15:50  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK40

## 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\SOMULM042719WMA.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      | 1.396    | 88         | 95       | 109       | rBV   | 673663      | 694206     | 15.44%       | 2.077%     |
| 2      | 1.672    | 173        | 181      | 200       | rVB   | 477037      | 635957     | 14.14%       | 1.903%     |
| 3      | 2.267    | 355        | 366      | 381       | rVB   | 1011635     | 1527348    | 33.97%       | 4.570%     |
| 4      | 2.617    | 471        | 475      | 478       | rBV4  | 862         | 813        | 0.02%        | 0.002%     |
| 5      | 2.653    | 483        | 486      | 492       | rBV7  | 1165        | 1010       | 0.02%        | 0.003%     |
| 6      | 2.701    | 493        | 501      | 516       | rVB7  | 4913        | 10960      | 0.24%        | 0.033%     |
| 7      | 2.765    | 516        | 521      | 524       | rBV3  | 1394        | 1243       | 0.03%        | 0.004%     |
| 8      | 2.801    | 524        | 532      | 533       | rBV6  | 1766        | 1741       | 0.04%        | 0.005%     |
| 9      | 2.826    | 534        | 540      | 561       | rVB6  | 6712        | 14747      | 0.33%        | 0.044%     |
| 10     | 2.923    | 567        | 570      | 574       | rVB2  | 841         | 723        | 0.02%        | 0.002%     |
| 11     | 2.974    | 580        | 586      | 587       | rBV3  | 751         | 830        | 0.02%        | 0.002%     |
| 12     | 3.244    | 665        | 670      | 673       | rBV2  | 546         | 585        | 0.01%        | 0.002%     |
| 13     | 3.306    | 686        | 689      | 693       | rVB4  | 1588        | 894        | 0.02%        | 0.003%     |
| 14     | 3.453    | 732        | 735      | 740       | rVB2  | 1418        | 1370       | 0.03%        | 0.004%     |
| 15     | 3.511    | 749        | 753      | 754       | rBV3  | 988         | 592        | 0.01%        | 0.002%     |
| 16     | 3.543    | 759        | 763      | 765       | rVV4  | 893         | 696        | 0.02%        | 0.002%     |
| 17     | 3.659    | 795        | 799      | 801       | rBV2  | 1357        | 835        | 0.02%        | 0.002%     |
| 18     | 3.714    | 813        | 816      | 821       | rVB2  | 860         | 750        | 0.02%        | 0.002%     |
| 19     | 3.740    | 821        | 824      | 826       | rBV3  | 853         | 595        | 0.01%        | 0.002%     |
| 20     | 3.836    | 851        | 854      | 859       | rBV5  | 805         | 813        | 0.02%        | 0.002%     |
| 21     | 3.878    | 865        | 867      | 873       | rVB2  | 1562        | 1168       | 0.03%        | 0.003%     |
| 22     | 3.942    | 884        | 887      | 890       | rBV2  | 1110        | 849        | 0.02%        | 0.003%     |
| 23     | 4.045    | 917        | 919      | 923       | rVB2  | 1143        | 683        | 0.02%        | 0.002%     |
| 24     | 4.170    | 946        | 958      | 995       | rBV   | 405904      | 1107354    | 24.63%       | 3.314%     |
| 25     | 4.643    | 1087       | 1105     | 1131      | rBV   | 714422      | 1715719    | 38.16%       | 5.134%     |
| 26     | 5.061    | 1231       | 1235     | 1237      | rBV3  | 1242        | 944        | 0.02%        | 0.003%     |
| 27     | 5.145    | 1259       | 1261     | 1268      | rVB5  | 1430        | 1080       | 0.02%        | 0.003%     |
| 28     | 5.203    | 1277       | 1279     | 1283      | rVB3  | 1122        | 673        | 0.01%        | 0.002%     |
| 29     | 5.231    | 1283       | 1288     | 1291      | rBV4  | 718         | 607        | 0.01%        | 0.002%     |
| 30     | 5.334    | 1296       | 1320     | 1348      | rBV2  | 1519180     | 4496483    | 100.00%      | 13.455%    |
| 31     | 5.736    | 1443       | 1445     | 1450      | rVB4  | 1345        | 904        | 0.02%        | 0.003%     |
| 32     | 5.881    | 1475       | 1490     | 1522      | rBV   | 1268963     | 2613522    | 58.12%       | 7.820%     |
| 33     | 6.177    | 1571       | 1582     | 1590      | rBV8  | 16651       | 34350      | 0.76%        | 0.103%     |
| 34     | 6.325    | 1614       | 1628     | 1662      | rBV   | 1000307     | 2037261    | 45.31%       | 6.096%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.653  | 1727 | 1730 | 1736 | rVB6 | 1860    | 1878    | 0.04%  | 0.006%  |
| 36 | 6.701  | 1741 | 1745 | 1748 | rVB4 | 1540    | 1034    | 0.02%  | 0.003%  |
| 37 | 6.772  | 1764 | 1767 | 1770 | rBV4 | 928     | 719     | 0.02%  | 0.002%  |
| 38 | 6.887  | 1799 | 1803 | 1805 | rBV5 | 1420    | 949     | 0.02%  | 0.003%  |
| 39 | 6.945  | 1817 | 1821 | 1824 | rBV3 | 1113    | 1200    | 0.03%  | 0.004%  |
| 40 | 7.122  | 1874 | 1876 | 1882 | rVB5 | 684     | 602     | 0.01%  | 0.002%  |
| 41 | 7.225  | 1896 | 1908 | 1942 | rBV  | 496779  | 929869  | 20.68% | 2.782%  |
| 42 | 7.392  | 1957 | 1960 | 1962 | rBV3 | 1398    | 838     | 0.02%  | 0.003%  |
| 43 | 7.450  | 1975 | 1978 | 1988 | rVB8 | 2269    | 2805    | 0.06%  | 0.008%  |
| 44 | 7.563  | 1998 | 2013 | 2059 | rBV  | 1816928 | 3481573 | 77.43% | 10.418% |
| 45 | 7.846  | 2091 | 2101 | 2130 | rBV  | 337681  | 608966  | 13.54% | 1.822%  |
| 46 | 8.071  | 2169 | 2171 | 2174 | rVB4 | 1404    | 701     | 0.02%  | 0.002%  |
| 47 | 8.112  | 2179 | 2184 | 2186 | rBV5 | 1635    | 1398    | 0.03%  | 0.004%  |
| 48 | 8.177  | 2198 | 2204 | 2208 | rBV3 | 4746    | 5901    | 0.13%  | 0.018%  |
| 49 | 8.228  | 2217 | 2220 | 2228 | rVB6 | 1681    | 1808    | 0.04%  | 0.005%  |
| 50 | 8.267  | 2228 | 2232 | 2234 | rBV3 | 1212    | 766     | 0.02%  | 0.002%  |
| 51 | 8.309  | 2234 | 2245 | 2291 | rBV  | 1287856 | 2493183 | 55.45% | 7.460%  |
| 52 | 8.755  | 2381 | 2384 | 2387 | rVB3 | 863     | 564     | 0.01%  | 0.002%  |
| 53 | 8.829  | 2403 | 2407 | 2409 | rBV3 | 1340    | 1057    | 0.02%  | 0.003%  |
| 54 | 8.878  | 2418 | 2422 | 2424 | rBV3 | 1048    | 995     | 0.02%  | 0.003%  |
| 55 | 8.923  | 2433 | 2436 | 2439 | rBV3 | 1209    | 868     | 0.02%  | 0.003%  |
| 56 | 9.003  | 2458 | 2461 | 2465 | rBV3 | 1935    | 1707    | 0.04%  | 0.005%  |
| 57 | 9.087  | 2473 | 2487 | 2529 | rBV  | 1859736 | 3322814 | 73.90% | 9.943%  |
| 58 | 9.379  | 2576 | 2578 | 2580 | rVV3 | 1300    | 575     | 0.01%  | 0.002%  |
| 59 | 9.408  | 2584 | 2587 | 2592 | rVB5 | 2343    | 2107    | 0.05%  | 0.006%  |
| 60 | 9.437  | 2592 | 2596 | 2599 | rBV3 | 1908    | 1626    | 0.04%  | 0.005%  |
| 61 | 9.460  | 2600 | 2603 | 2605 | rVB3 | 1473    | 794     | 0.02%  | 0.002%  |
| 62 | 9.495  | 2612 | 2614 | 2620 | rVB6 | 1182    | 832     | 0.02%  | 0.002%  |
| 63 | 9.521  | 2620 | 2622 | 2626 | rVB2 | 1089    | 570     | 0.01%  | 0.002%  |
| 64 | 9.585  | 2639 | 2642 | 2644 | rBV2 | 1089    | 679     | 0.02%  | 0.002%  |
| 65 | 9.598  | 2644 | 2646 | 2652 | rVB5 | 1677    | 1539    | 0.03%  | 0.005%  |
| 66 | 9.678  | 2667 | 2671 | 2674 | rVB5 | 2427    | 1962    | 0.04%  | 0.006%  |
| 67 | 9.903  | 2737 | 2741 | 2745 | rVB6 | 1243    | 1269    | 0.03%  | 0.004%  |
| 68 | 9.958  | 2754 | 2758 | 2761 | rBV2 | 992     | 985     | 0.02%  | 0.003%  |
| 69 | 9.987  | 2765 | 2767 | 2774 | rVB3 | 1202    | 1174    | 0.03%  | 0.004%  |
| 70 | 10.022 | 2774 | 2778 | 2781 | rBV2 | 1039    | 739     | 0.02%  | 0.002%  |
| 71 | 10.119 | 2805 | 2808 | 2809 | rBV  | 1144    | 636     | 0.01%  | 0.002%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.225 | 2839 | 2841 | 2849 | rVB3 | 1778    | 1814    | 0.04%  | 0.005% |
| 73  | 10.257 | 2849 | 2851 | 2855 | rBV3 | 1048    | 858     | 0.02%  | 0.003% |
| 74  | 10.382 | 2887 | 2890 | 2891 | rBV3 | 990     | 558     | 0.01%  | 0.002% |
| 75  | 10.427 | 2891 | 2904 | 2926 | rVV  | 1314627 | 2151850 | 47.86% | 6.439% |
| 76  | 10.698 | 2985 | 2988 | 2991 | rBV3 | 1181    | 1047    | 0.02%  | 0.003% |
| 77  | 10.736 | 2998 | 3000 | 3004 | rVB2 | 1256    | 889     | 0.02%  | 0.003% |
| 78  | 11.035 | 3090 | 3093 | 3096 | rVB2 | 1617    | 913     | 0.02%  | 0.003% |
| 79  | 11.070 | 3101 | 3104 | 3105 | rBV3 | 1030    | 626     | 0.01%  | 0.002% |
| 80  | 11.206 | 3141 | 3146 | 3148 | rBV4 | 891     | 881     | 0.02%  | 0.003% |
| 81  | 11.231 | 3152 | 3154 | 3160 | rVB5 | 1004    | 788     | 0.02%  | 0.002% |
| 82  | 11.308 | 3175 | 3178 | 3181 | rBV2 | 984     | 817     | 0.02%  | 0.002% |
| 83  | 11.366 | 3194 | 3196 | 3201 | rBV4 | 1140    | 1055    | 0.02%  | 0.003% |
| 84  | 11.427 | 3213 | 3215 | 3219 | rVB2 | 1477    | 800     | 0.02%  | 0.002% |
| 85  | 11.479 | 3219 | 3231 | 3254 | rBV  | 1557372 | 2584425 | 57.48% | 7.733% |
| 86  | 11.855 | 3332 | 3348 | 3371 | rBV  | 1642450 | 2835885 | 63.07% | 8.486% |
| 87  | 12.472 | 3536 | 3540 | 3543 | rBV3 | 3487    | 3409    | 0.08%  | 0.010% |
| 88  | 12.948 | 3685 | 3688 | 3692 | rBV3 | 1299    | 1253    | 0.03%  | 0.004% |
| 89  | 12.980 | 3696 | 3698 | 3700 | rBV  | 1212    | 715     | 0.02%  | 0.002% |
| 90  | 13.115 | 3738 | 3740 | 3742 | rBV  | 1118    | 691     | 0.02%  | 0.002% |
| 91  | 13.167 | 3753 | 3756 | 3762 | rBV6 | 1592    | 1501    | 0.03%  | 0.004% |
| 92  | 13.228 | 3773 | 3775 | 3777 | rBV2 | 1096    | 610     | 0.01%  | 0.002% |
| 93  | 13.312 | 3798 | 3801 | 3804 | rBV3 | 1545    | 990     | 0.02%  | 0.003% |
| 94  | 13.395 | 3824 | 3827 | 3829 | rBV2 | 1261    | 908     | 0.02%  | 0.003% |
| 95  | 13.527 | 3859 | 3868 | 3869 | rBV6 | 8682    | 10106   | 0.22%  | 0.030% |
| 96  | 13.804 | 3951 | 3954 | 3957 | rBV4 | 1528    | 1043    | 0.02%  | 0.003% |
| 97  | 13.845 | 3964 | 3967 | 3971 | rBV2 | 1721    | 1278    | 0.03%  | 0.004% |
| 98  | 14.006 | 4009 | 4017 | 4031 | rBV9 | 8396    | 23850   | 0.53%  | 0.071% |
| 99  | 14.363 | 4125 | 4128 | 4130 | rBV3 | 1643    | 1106    | 0.02%  | 0.003% |
| 100 | 15.228 | 4393 | 4397 | 4402 | rBV3 | 1972    | 2216    | 0.05%  | 0.007% |

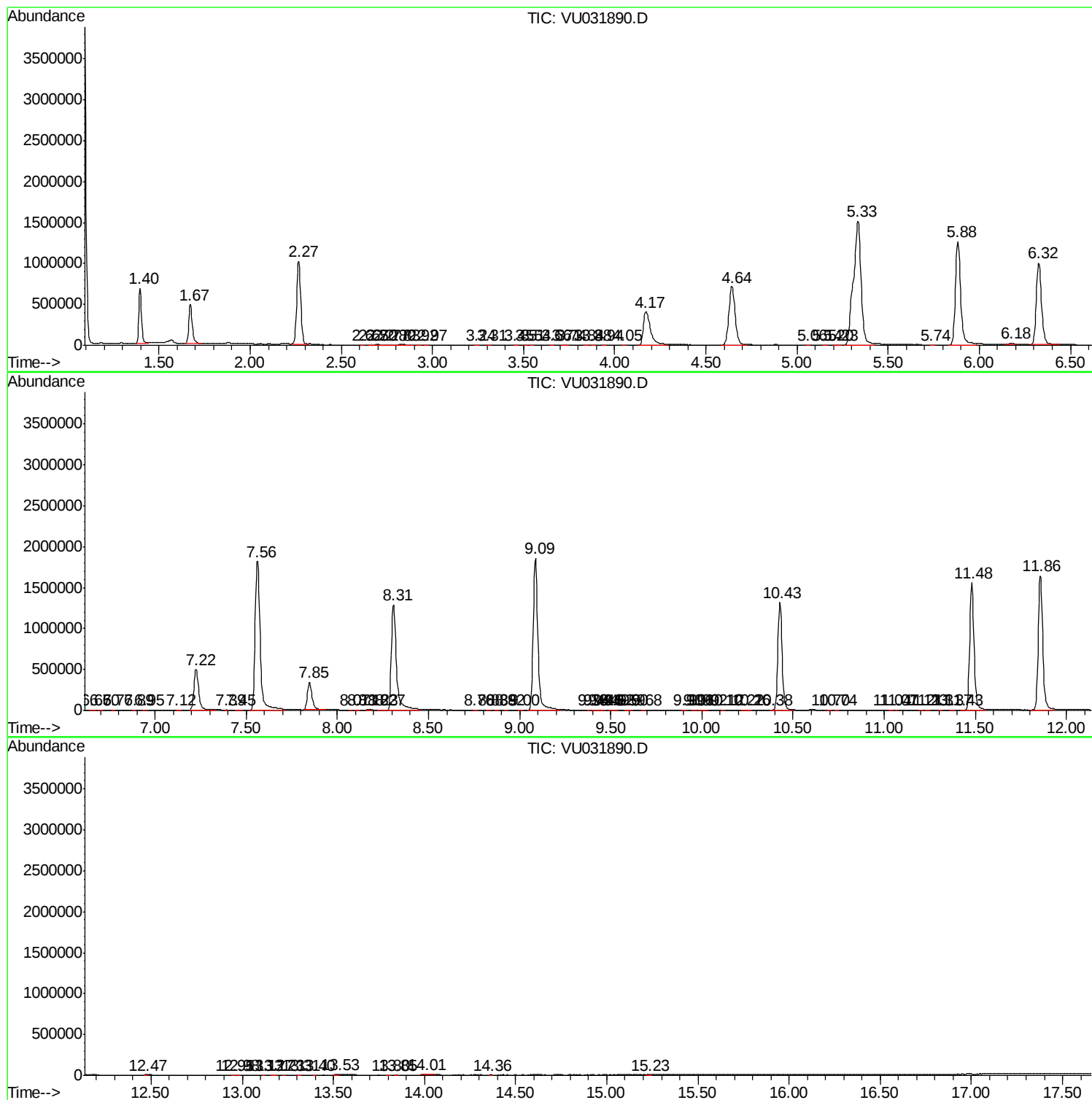
Sum of corrected areas: 33418869

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

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



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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 |