

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\  
 Data File : VU031717.D  
 Acq On : 02 May 2019 17:15  
 Operator : JC/SP  
 Sample : K2661-02 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B22

## 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<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         | 1.180       | 24            | 28          | 34           | rVB2     | 15860          | 14987         | 0.33%           | 0.038%        |
| 2         | 1.393       | 87            | 94          | 110          | rVB      | 617757         | 665368        | 14.64%          | 1.684%        |
| 3         | 1.679       | 175           | 183         | 198          | rBV      | 464834         | 584204        | 12.85%          | 1.479%        |
| 4         | 2.267       | 355           | 366         | 379          | rVB      | 1029133        | 1547527       | 34.04%          | 3.917%        |
| 5         | 2.695       | 493           | 499         | 511          | rVB9     | 3449           | 6463          | 0.14%           | 0.016%        |
| 6         | 2.823       | 533           | 539         | 543          | rBV6     | 2303           | 2740          | 0.06%           | 0.007%        |
| 7         | 2.868       | 549           | 553         | 556          | rBV2     | 1220           | 1041          | 0.02%           | 0.003%        |
| 8         | 2.981       | 579           | 588         | 598          | rVV3     | 17063          | 30104         | 0.66%           | 0.076%        |
| 9         | 3.061       | 610           | 613         | 617          | rBV3     | 1215           | 846           | 0.02%           | 0.002%        |
| 10        | 3.151       | 638           | 641         | 644          | rBV3     | 1467           | 900           | 0.02%           | 0.002%        |
| 11        | 3.183       | 648           | 651         | 656          | rBV4     | 1520           | 1313          | 0.03%           | 0.003%        |
| 12        | 3.228       | 662           | 665         | 669          | rVV3     | 1137           | 733           | 0.02%           | 0.002%        |
| 13        | 3.306       | 685           | 689         | 691          | rBV3     | 1066           | 747           | 0.02%           | 0.002%        |
| 14        | 3.367       | 704           | 708         | 712          | rBV5     | 1787           | 1705          | 0.04%           | 0.004%        |
| 15        | 3.428       | 724           | 727         | 729          | rBV2     | 1082           | 786           | 0.02%           | 0.002%        |
| 16        | 3.608       | 780           | 783         | 786          | rVB3     | 1111           | 687           | 0.02%           | 0.002%        |
| 17        | 3.646       | 792           | 795         | 799          | rVV3     | 1027           | 840           | 0.02%           | 0.002%        |
| 18        | 3.682       | 803           | 806         | 809          | rVB2     | 1484           | 977           | 0.02%           | 0.002%        |
| 19        | 3.794       | 838           | 841         | 846          | rVV4     | 1354           | 1077          | 0.02%           | 0.003%        |
| 20        | 3.958       | 886           | 892         | 895          | rVB3     | 1085           | 982           | 0.02%           | 0.002%        |
| 21        | 3.978       | 895           | 898         | 906          | rVB5     | 1010           | 1006          | 0.02%           | 0.003%        |
| 22        | 4.029       | 906           | 914         | 918          | rBV6     | 878            | 1238          | 0.03%           | 0.003%        |
| 23        | 4.061       | 918           | 924         | 927          | rBV3     | 1239           | 1127          | 0.02%           | 0.003%        |
| 24        | 4.109       | 935           | 939         | 940          | rBV2     | 1065           | 628           | 0.01%           | 0.002%        |
| 25        | 4.216       | 950           | 972         | 1012         | rBV2     | 507533         | 2114259       | 46.51%          | 5.352%        |
| 26        | 4.640       | 1088          | 1104        | 1128         | rBV      | 662118         | 1561453       | 34.35%          | 3.953%        |
| 27        | 4.862       | 1170          | 1173        | 1175         | rBV2     | 1795           | 1259          | 0.03%           | 0.003%        |
| 28        | 4.920       | 1189          | 1191        | 1197         | rVB4     | 2063           | 1747          | 0.04%           | 0.004%        |
| 29        | 4.981       | 1208          | 1210        | 1216         | rBV5     | 1979           | 1657          | 0.04%           | 0.004%        |
| 30        | 5.045       | 1227          | 1230        | 1235         | rBV6     | 1590           | 1153          | 0.03%           | 0.003%        |
| 31        | 5.167       | 1264          | 1268        | 1272         | rBV3     | 1168           | 956           | 0.02%           | 0.002%        |
| 32        | 5.222       | 1282          | 1285        | 1290         | rBV5     | 1286           | 1147          | 0.03%           | 0.003%        |
| 33        | 5.245       | 1290          | 1292        | 1296         | rVB2     | 1470           | 967           | 0.02%           | 0.002%        |
| 34        | 5.335       | 1296          | 1320        | 1349         | rBV2     | 1453583        | 4280930       | 94.18%          | 10.837%       |

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 Peak separation: 5

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

|    |       |      |      |      |      |         |         |         |         |
|----|-------|------|------|------|------|---------|---------|---------|---------|
| 35 | 5.662 | 1419 | 1422 | 1424 | rBV2 | 2694    | 1816    | 0.04%   | 0.005%  |
| 36 | 5.820 | 1468 | 1471 | 1476 | rBV2 | 2262    | 1493    | 0.03%   | 0.004%  |
| 37 | 5.881 | 1476 | 1490 | 1527 | rBV  | 1306477 | 2704886 | 59.51%  | 6.847%  |
| 38 | 6.183 | 1571 | 1584 | 1614 | rBV  | 455742  | 935834  | 20.59%  | 2.369%  |
| 39 | 6.325 | 1615 | 1628 | 1654 | rVV  | 932923  | 1892923 | 41.64%  | 4.792%  |
| 40 | 6.621 | 1717 | 1720 | 1724 | rBV4 | 1330    | 1111    | 0.02%   | 0.003%  |
| 41 | 6.666 | 1732 | 1734 | 1739 | rBV3 | 1154    | 1017    | 0.02%   | 0.003%  |
| 42 | 6.688 | 1739 | 1741 | 1746 | rVB5 | 1950    | 1491    | 0.03%   | 0.004%  |
| 43 | 6.724 | 1746 | 1752 | 1755 | rBV4 | 1034    | 1192    | 0.03%   | 0.003%  |
| 44 | 6.752 | 1759 | 1761 | 1766 | rVB5 | 1266    | 1009    | 0.02%   | 0.003%  |
| 45 | 6.785 | 1768 | 1771 | 1774 | rBV4 | 786     | 643     | 0.01%   | 0.002%  |
| 46 | 6.859 | 1788 | 1794 | 1797 | rBV4 | 954     | 857     | 0.02%   | 0.002%  |
| 47 | 6.916 | 1810 | 1812 | 1815 | rBV3 | 1165    | 672     | 0.01%   | 0.002%  |
| 48 | 6.942 | 1818 | 1820 | 1824 | rBV3 | 1516    | 950     | 0.02%   | 0.002%  |
| 49 | 6.968 | 1824 | 1828 | 1830 | rVB3 | 1559    | 1293    | 0.03%   | 0.003%  |
| 50 | 6.990 | 1830 | 1835 | 1837 | rBV3 | 1482    | 1328    | 0.03%   | 0.003%  |
| 51 | 7.029 | 1841 | 1847 | 1850 | rBV4 | 1594    | 1326    | 0.03%   | 0.003%  |
| 52 | 7.068 | 1855 | 1859 | 1865 | rBV3 | 704     | 978     | 0.02%   | 0.002%  |
| 53 | 7.097 | 1865 | 1868 | 1870 | rBV4 | 1285    | 1033    | 0.02%   | 0.003%  |
| 54 | 7.135 | 1876 | 1880 | 1883 | rBV3 | 1372    | 915     | 0.02%   | 0.002%  |
| 55 | 7.154 | 1883 | 1886 | 1891 | rBV5 | 1678    | 1615    | 0.04%   | 0.004%  |
| 56 | 7.225 | 1891 | 1908 | 1933 | rBV  | 531264  | 993555  | 21.86%  | 2.515%  |
| 57 | 7.563 | 1999 | 2013 | 2050 | rBV  | 1767744 | 3337797 | 73.43%  | 8.449%  |
| 58 | 7.846 | 2090 | 2101 | 2130 | rBV  | 342466  | 645550  | 14.20%  | 1.634%  |
| 59 | 8.125 | 2184 | 2188 | 2191 | rVB5 | 1986    | 1646    | 0.04%   | 0.004%  |
| 60 | 8.158 | 2191 | 2198 | 2201 | rBV4 | 1985    | 2255    | 0.05%   | 0.006%  |
| 61 | 8.222 | 2204 | 2218 | 2235 | rVV  | 2597265 | 4545602 | 100.00% | 11.507% |
| 62 | 8.309 | 2236 | 2245 | 2289 | rVB  | 1390587 | 2648775 | 58.27%  | 6.705%  |
| 63 | 8.630 | 2342 | 2345 | 2352 | rVB5 | 1989    | 1422    | 0.03%   | 0.004%  |
| 64 | 8.736 | 2374 | 2378 | 2379 | rBV3 | 1398    | 942     | 0.02%   | 0.002%  |
| 65 | 8.791 | 2389 | 2395 | 2397 | rBV2 | 1871    | 1801    | 0.04%   | 0.005%  |
| 66 | 8.817 | 2401 | 2403 | 2406 | rVV2 | 1424    | 838     | 0.02%   | 0.002%  |
| 67 | 8.836 | 2406 | 2409 | 2415 | rVB4 | 1300    | 1001    | 0.02%   | 0.003%  |
| 68 | 8.865 | 2415 | 2418 | 2423 | rVB3 | 2018    | 1460    | 0.03%   | 0.004%  |
| 69 | 8.961 | 2443 | 2448 | 2451 | rBV4 | 1264    | 1438    | 0.03%   | 0.004%  |
| 70 | 9.087 | 2473 | 2487 | 2530 | rBV  | 1827394 | 3240680 | 71.29%  | 8.203%  |
| 71 | 9.305 | 2552 | 2555 | 2556 | rBV2 | 1467    | 743     | 0.02%   | 0.002%  |

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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\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 9.360  | 2567 | 2572 | 2574 | rBV4 | 1639    | 1589    | 0.03%  | 0.004% |
| 73  | 9.373  | 2574 | 2576 | 2577 | rBV3 | 1327    | 661     | 0.01%  | 0.002% |
| 74  | 9.469  | 2603 | 2606 | 2610 | rBV3 | 1389    | 1154    | 0.03%  | 0.003% |
| 75  | 9.576  | 2636 | 2639 | 2641 | rBV4 | 1980    | 1200    | 0.03%  | 0.003% |
| 76  | 9.633  | 2655 | 2657 | 2660 | rVB  | 1196    | 723     | 0.02%  | 0.002% |
| 77  | 9.672  | 2667 | 2669 | 2671 | rBV2 | 1230    | 660     | 0.01%  | 0.002% |
| 78  | 9.685  | 2671 | 2673 | 2677 | rVB2 | 1392    | 706     | 0.02%  | 0.002% |
| 79  | 9.759  | 2689 | 2696 | 2699 | rBV  | 2897    | 4055    | 0.09%  | 0.010% |
| 80  | 9.862  | 2725 | 2728 | 2734 | rBV5 | 1348    | 1356    | 0.03%  | 0.003% |
| 81  | 10.055 | 2785 | 2788 | 2794 | rBV7 | 1405    | 1203    | 0.03%  | 0.003% |
| 82  | 10.151 | 2815 | 2818 | 2821 | rBV2 | 1226    | 790     | 0.02%  | 0.002% |
| 83  | 10.312 | 2865 | 2868 | 2871 | rBV4 | 1051    | 690     | 0.02%  | 0.002% |
| 84  | 10.357 | 2879 | 2882 | 2884 | rBV4 | 1441    | 1053    | 0.02%  | 0.003% |
| 85  | 10.428 | 2891 | 2904 | 2930 | rBV  | 1161969 | 1903596 | 41.88% | 4.819% |
| 86  | 10.637 | 2966 | 2969 | 2972 | rBV3 | 1495    | 900     | 0.02%  | 0.002% |
| 87  | 10.691 | 2983 | 2986 | 2987 | rBV3 | 1925    | 1011    | 0.02%  | 0.003% |
| 88  | 10.810 | 3021 | 3023 | 3024 | rBV2 | 1236    | 658     | 0.01%  | 0.002% |
| 89  | 10.977 | 3072 | 3075 | 3079 | rBV4 | 1772    | 1278    | 0.03%  | 0.003% |
| 90  | 11.157 | 3125 | 3131 | 3133 | rBV7 | 1677    | 1912    | 0.04%  | 0.005% |
| 91  | 11.270 | 3164 | 3166 | 3168 | rBV  | 1507    | 927     | 0.02%  | 0.002% |
| 92  | 11.392 | 3201 | 3204 | 3206 | rBV3 | 1749    | 1195    | 0.03%  | 0.003% |
| 93  | 11.479 | 3218 | 3231 | 3257 | rBV  | 1740451 | 2838509 | 62.45% | 7.185% |
| 94  | 11.855 | 3335 | 3348 | 3381 | rBV  | 1553790 | 2614561 | 57.52% | 6.618% |
| 95  | 12.376 | 3507 | 3510 | 3515 | rBV7 | 2271    | 2658    | 0.06%  | 0.007% |
| 96  | 13.087 | 3729 | 3731 | 3735 | rVB3 | 2108    | 1171    | 0.03%  | 0.003% |
| 97  | 13.755 | 3929 | 3939 | 3962 | rBV  | 44834   | 124743  | 2.74%  | 0.316% |
| 98  | 14.215 | 4080 | 4082 | 4085 | rBV3 | 2434    | 1748    | 0.04%  | 0.004% |
| 99  | 14.890 | 4284 | 4292 | 4309 | rBV2 | 49019   | 117555  | 2.59%  | 0.298% |
| 100 | 15.919 | 4605 | 4612 | 4622 | rBV2 | 32823   | 62255   | 1.37%  | 0.158% |

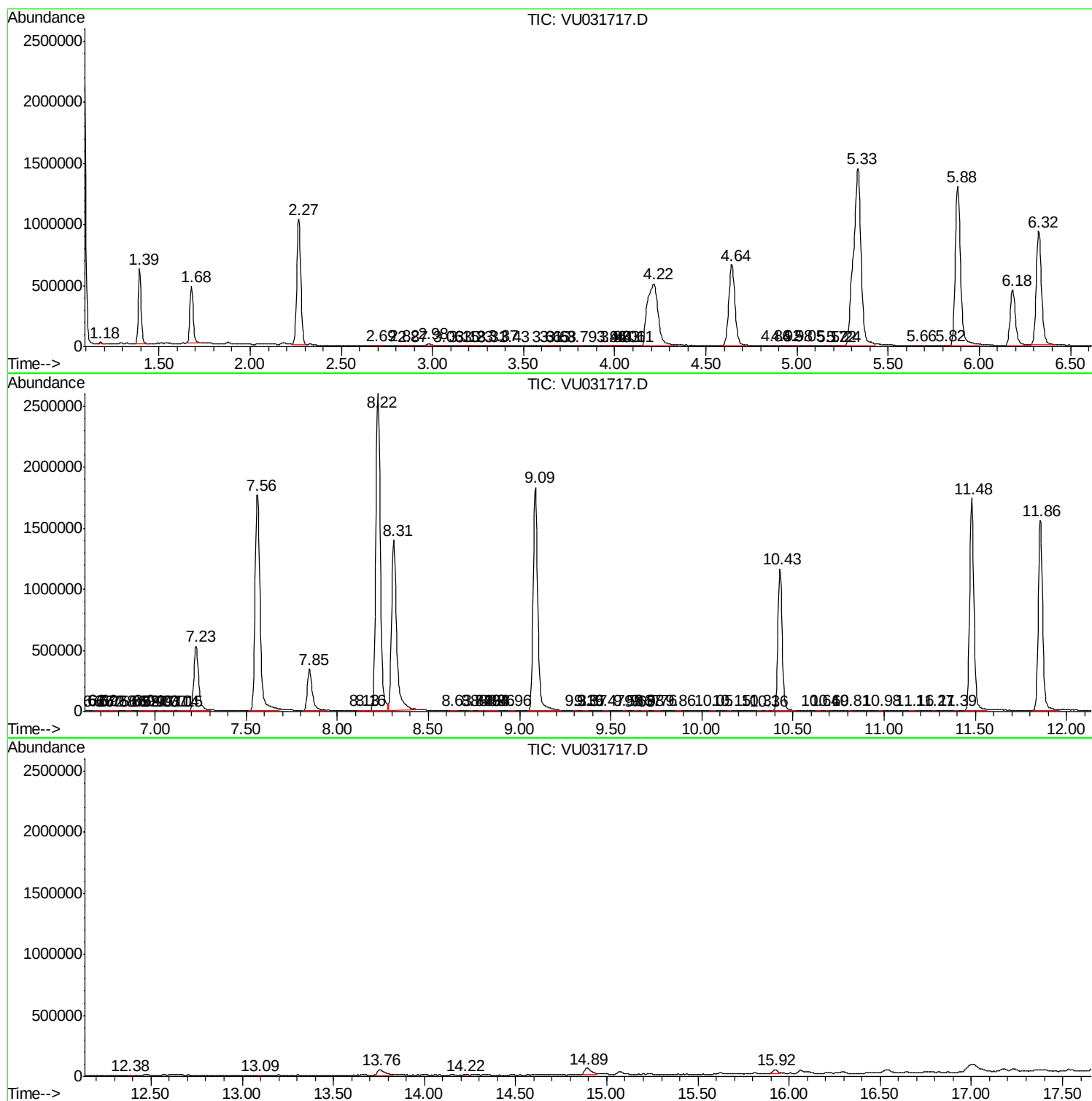
Sum of corrected areas: 39503958

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

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU050219\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
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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 |

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