

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\  
 Data File : VU031751.D  
 Acq On : 03 May 2019 15:40  
 Operator : JC/SP  
 Sample : K2694-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFHK1

## 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      | 1.180    | 24         | 28       | 34        | rVB3  | 14679       | 12859      | 0.37%        | 0.050%     |
| 2      | 1.396    | 88         | 95       | 108       | rBV   | 482700      | 512287     | 14.81%       | 1.975%     |
| 3      | 1.678    | 176        | 183      | 202       | rVB   | 388796      | 486543     | 14.06%       | 1.876%     |
| 4      | 2.270    | 356        | 367      | 381       | rVB   | 780399      | 1178833    | 34.07%       | 4.544%     |
| 5      | 2.424    | 411        | 415      | 420       | rVB5  | 1975        | 1527       | 0.04%        | 0.006%     |
| 6      | 2.701    | 495        | 501      | 507       | rVB5  | 2357        | 3022       | 0.09%        | 0.012%     |
| 7      | 2.743    | 510        | 514      | 517       | rBV3  | 1357        | 1173       | 0.03%        | 0.005%     |
| 8      | 2.768    | 517        | 522      | 523       | rBV3  | 1669        | 1489       | 0.04%        | 0.006%     |
| 9      | 2.830    | 538        | 541      | 544       | rBV4  | 2234        | 1974       | 0.06%        | 0.008%     |
| 10     | 2.952    | 577        | 579      | 585       | rVB3  | 1577        | 1314       | 0.04%        | 0.005%     |
| 11     | 2.977    | 585        | 587      | 590       | rVB   | 1277        | 772        | 0.02%        | 0.003%     |
| 12     | 3.010    | 590        | 597      | 599       | rBV5  | 1404        | 1629       | 0.05%        | 0.006%     |
| 13     | 3.026    | 599        | 602      | 606       | rVV2  | 995         | 884        | 0.03%        | 0.003%     |
| 14     | 3.093    | 620        | 623      | 626       | rBV   | 1007        | 662        | 0.02%        | 0.003%     |
| 15     | 3.161    | 639        | 644      | 647       | rBV4  | 1409        | 1424       | 0.04%        | 0.005%     |
| 16     | 3.209    | 657        | 659      | 662       | rVB2  | 1162        | 680        | 0.02%        | 0.003%     |
| 17     | 3.283    | 677        | 682      | 683       | rBV2  | 1246        | 843        | 0.02%        | 0.003%     |
| 18     | 3.331    | 693        | 697      | 701       | rVB3  | 1513        | 1203       | 0.03%        | 0.005%     |
| 19     | 3.354    | 701        | 704      | 707       | rBV2  | 1031        | 708        | 0.02%        | 0.003%     |
| 20     | 3.379    | 709        | 712      | 716       | rVV3  | 1011        | 852        | 0.02%        | 0.003%     |
| 21     | 3.479    | 740        | 743      | 749       | rBV4  | 1380        | 1018       | 0.03%        | 0.004%     |
| 22     | 3.537    | 758        | 761      | 767       | rVB2  | 1628        | 1569       | 0.05%        | 0.006%     |
| 23     | 3.704    | 810        | 813      | 816       | rBV2  | 1254        | 912        | 0.03%        | 0.004%     |
| 24     | 3.768    | 829        | 833      | 841       | rVB4  | 1250        | 1782       | 0.05%        | 0.007%     |
| 25     | 3.804    | 841        | 844      | 847       | rBV2  | 1531        | 1101       | 0.03%        | 0.004%     |
| 26     | 3.871    | 862        | 865      | 870       | rVV2  | 976         | 807        | 0.02%        | 0.003%     |
| 27     | 3.952    | 887        | 890      | 893       | rVB2  | 1291        | 783        | 0.02%        | 0.003%     |
| 28     | 4.064    | 921        | 925      | 928       | rVB2  | 1264        | 939        | 0.03%        | 0.004%     |
| 29     | 4.116    | 936        | 941      | 945       | rVB3  | 1182        | 1081       | 0.03%        | 0.004%     |
| 30     | 4.186    | 945        | 963      | 1003      | rBV2  | 325719      | 1042015    | 30.12%       | 4.017%     |
| 31     | 4.643    | 1088       | 1105     | 1134      | rBV   | 556602      | 1330613    | 38.46%       | 5.129%     |
| 32     | 5.209    | 1277       | 1281     | 1284      | rBV2  | 1202        | 848        | 0.02%        | 0.003%     |
| 33     | 5.334    | 1297       | 1320     | 1355      | rBV2  | 1133494     | 3459800    | 100.00%      | 13.337%    |
| 34     | 5.755    | 1447       | 1451     | 1452      | rBV4  | 1756        | 1038       | 0.03%        | 0.004%     |

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

|    |       |      |      |      |      |         |         |        |        |
|----|-------|------|------|------|------|---------|---------|--------|--------|
| 35 | 5.804 | 1464 | 1466 | 1467 | rBV2 | 1773    | 799     | 0.02%  | 0.003% |
| 36 | 5.881 | 1476 | 1490 | 1522 | rBV  | 962354  | 2031689 | 58.72% | 7.832% |
| 37 | 6.180 | 1573 | 1583 | 1597 | rVB6 | 15239   | 35240   | 1.02%  | 0.136% |
| 38 | 6.254 | 1604 | 1606 | 1609 | rVB4 | 1979    | 915     | 0.03%  | 0.004% |
| 39 | 6.273 | 1609 | 1612 | 1614 | rBV3 | 1833    | 999     | 0.03%  | 0.004% |
| 40 | 6.325 | 1614 | 1628 | 1656 | rBV  | 773149  | 1588920 | 45.93% | 6.125% |
| 41 | 6.701 | 1741 | 1745 | 1748 | rBV6 | 1230    | 1066    | 0.03%  | 0.004% |
| 42 | 6.749 | 1758 | 1760 | 1764 | rVB3 | 1470    | 1021    | 0.03%  | 0.004% |
| 43 | 6.874 | 1791 | 1799 | 1802 | rBV3 | 1557    | 2352    | 0.07%  | 0.009% |
| 44 | 6.945 | 1819 | 1821 | 1823 | rBV2 | 1633    | 739     | 0.02%  | 0.003% |
| 45 | 6.964 | 1823 | 1827 | 1830 | rVV2 | 1584    | 1181    | 0.03%  | 0.005% |
| 46 | 7.074 | 1858 | 1861 | 1864 | rBV3 | 1361    | 1184    | 0.03%  | 0.005% |
| 47 | 7.225 | 1895 | 1908 | 1937 | rBV  | 400587  | 770822  | 22.28% | 2.971% |
| 48 | 7.415 | 1965 | 1967 | 1969 | rBV3 | 1172    | 732     | 0.02%  | 0.003% |
| 49 | 7.505 | 1989 | 1995 | 1998 | rBV5 | 1282    | 1530    | 0.04%  | 0.006% |
| 50 | 7.563 | 2000 | 2013 | 2061 | rVV  | 1340729 | 2532998 | 73.21% | 9.764% |
| 51 | 7.849 | 2091 | 2102 | 2128 | rBV  | 261063  | 494643  | 14.30% | 1.907% |
| 52 | 8.177 | 2193 | 2204 | 2212 | rBV4 | 19043   | 33187   | 0.96%  | 0.128% |
| 53 | 8.228 | 2214 | 2220 | 2230 | rVB8 | 7717    | 11987   | 0.35%  | 0.046% |
| 54 | 8.312 | 2234 | 2246 | 2280 | rBV  | 1100541 | 2180016 | 63.01% | 8.404% |
| 55 | 8.903 | 2427 | 2430 | 2434 | rVB3 | 1429    | 975     | 0.03%  | 0.004% |
| 56 | 8.942 | 2440 | 2442 | 2445 | rVB3 | 1443    | 736     | 0.02%  | 0.003% |
| 57 | 8.964 | 2445 | 2449 | 2452 | rBV2 | 1362    | 1106    | 0.03%  | 0.004% |
| 58 | 9.038 | 2468 | 2472 | 2474 | rBV3 | 1450    | 1095    | 0.03%  | 0.004% |
| 59 | 9.087 | 2474 | 2487 | 2531 | rVV  | 1410570 | 2498969 | 72.23% | 9.633% |
| 60 | 9.292 | 2548 | 2551 | 2553 | rBV4 | 1626    | 1201    | 0.03%  | 0.005% |
| 61 | 9.363 | 2570 | 2573 | 2575 | rBV2 | 1267    | 980     | 0.03%  | 0.004% |
| 62 | 9.379 | 2575 | 2578 | 2580 | rVV4 | 1966    | 1158    | 0.03%  | 0.004% |
| 63 | 9.431 | 2590 | 2594 | 2597 | rBV4 | 1018    | 1000    | 0.03%  | 0.004% |
| 64 | 9.492 | 2610 | 2613 | 2614 | rBV2 | 1664    | 921     | 0.03%  | 0.004% |
| 65 | 9.569 | 2633 | 2637 | 2640 | rVB3 | 1029    | 753     | 0.02%  | 0.003% |
| 66 | 9.624 | 2649 | 2654 | 2657 | rBV4 | 1545    | 1322    | 0.04%  | 0.005% |
| 67 | 9.714 | 2680 | 2682 | 2686 | rVB3 | 1722    | 989     | 0.03%  | 0.004% |
| 68 | 9.755 | 2691 | 2695 | 2702 | rVB5 | 1229    | 1515    | 0.04%  | 0.006% |
| 69 | 9.800 | 2702 | 2709 | 2711 | rBV3 | 2846    | 3636    | 0.11%  | 0.014% |
| 70 | 9.820 | 2711 | 2715 | 2717 | rBV2 | 2094    | 1487    | 0.04%  | 0.006% |
| 71 | 9.852 | 2722 | 2725 | 2729 | rBV3 | 1807    | 1787    | 0.05%  | 0.007% |

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 Stop Thrs : 0

Filtering: 5  
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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\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 9.923  | 2744 | 2747 | 2752 | rBV3 | 1706    | 1478    | 0.04%  | 0.006% |
| 73  | 9.964  | 2757 | 2760 | 2766 | rVB6 | 1259    | 1065    | 0.03%  | 0.004% |
| 74  | 10.038 | 2781 | 2783 | 2785 | rBV4 | 1723    | 1072    | 0.03%  | 0.004% |
| 75  | 10.083 | 2795 | 2797 | 2803 | rVB5 | 1479    | 888     | 0.03%  | 0.003% |
| 76  | 10.109 | 2803 | 2805 | 2808 | rVB2 | 1479    | 805     | 0.02%  | 0.003% |
| 77  | 10.238 | 2840 | 2845 | 2851 | rBV3 | 1640    | 2152    | 0.06%  | 0.008% |
| 78  | 10.270 | 2852 | 2855 | 2858 | rVV4 | 1401    | 919     | 0.03%  | 0.004% |
| 79  | 10.360 | 2880 | 2883 | 2888 | rBV5 | 1591    | 1559    | 0.05%  | 0.006% |
| 80  | 10.427 | 2891 | 2904 | 2927 | rBV  | 987349  | 1598918 | 46.21% | 6.164% |
| 81  | 10.604 | 2950 | 2959 | 2970 | rVB3 | 20039   | 34332   | 0.99%  | 0.132% |
| 82  | 10.685 | 2980 | 2984 | 2990 | rVV  | 1785    | 1460    | 0.04%  | 0.006% |
| 83  | 10.752 | 3001 | 3005 | 3008 | rBV4 | 1025    | 922     | 0.03%  | 0.004% |
| 84  | 10.971 | 3070 | 3073 | 3077 | rBV3 | 997     | 753     | 0.02%  | 0.003% |
| 85  | 11.006 | 3081 | 3084 | 3086 | rBV3 | 1772    | 1173    | 0.03%  | 0.005% |
| 86  | 11.086 | 3105 | 3109 | 3115 | rBV4 | 2026    | 1809    | 0.05%  | 0.007% |
| 87  | 11.144 | 3125 | 3127 | 3131 | rBV2 | 1220    | 783     | 0.02%  | 0.003% |
| 88  | 11.244 | 3153 | 3158 | 3160 | rBV3 | 1364    | 1250    | 0.04%  | 0.005% |
| 89  | 11.260 | 3161 | 3163 | 3166 | rVB  | 1729    | 945     | 0.03%  | 0.004% |
| 90  | 11.337 | 3182 | 3187 | 3192 | rBV4 | 2223    | 2738    | 0.08%  | 0.011% |
| 91  | 11.421 | 3210 | 3213 | 3216 | rBV3 | 1466    | 1066    | 0.03%  | 0.004% |
| 92  | 11.479 | 3220 | 3231 | 3258 | rBV  | 1228195 | 2016520 | 58.28% | 7.773% |
| 93  | 11.855 | 3336 | 3348 | 3374 | rBV  | 1197679 | 1984551 | 57.36% | 7.650% |
| 94  | 12.482 | 3535 | 3543 | 3548 | rBV3 | 7096    | 10091   | 0.29%  | 0.039% |
| 95  | 12.672 | 3599 | 3602 | 3605 | rBV3 | 1488    | 968     | 0.03%  | 0.004% |
| 96  | 12.694 | 3605 | 3609 | 3611 | rBV3 | 1664    | 1357    | 0.04%  | 0.005% |
| 97  | 12.993 | 3700 | 3702 | 3705 | rBV3 | 1172    | 909     | 0.03%  | 0.004% |
| 98  | 13.360 | 3813 | 3816 | 3820 | rBV5 | 2428    | 2180    | 0.06%  | 0.008% |
| 99  | 13.832 | 3961 | 3963 | 3964 | rBV  | 1690    | 806     | 0.02%  | 0.003% |
| 100 | 14.553 | 4184 | 4187 | 4189 | rBV2 | 1727    | 1063    | 0.03%  | 0.004% |

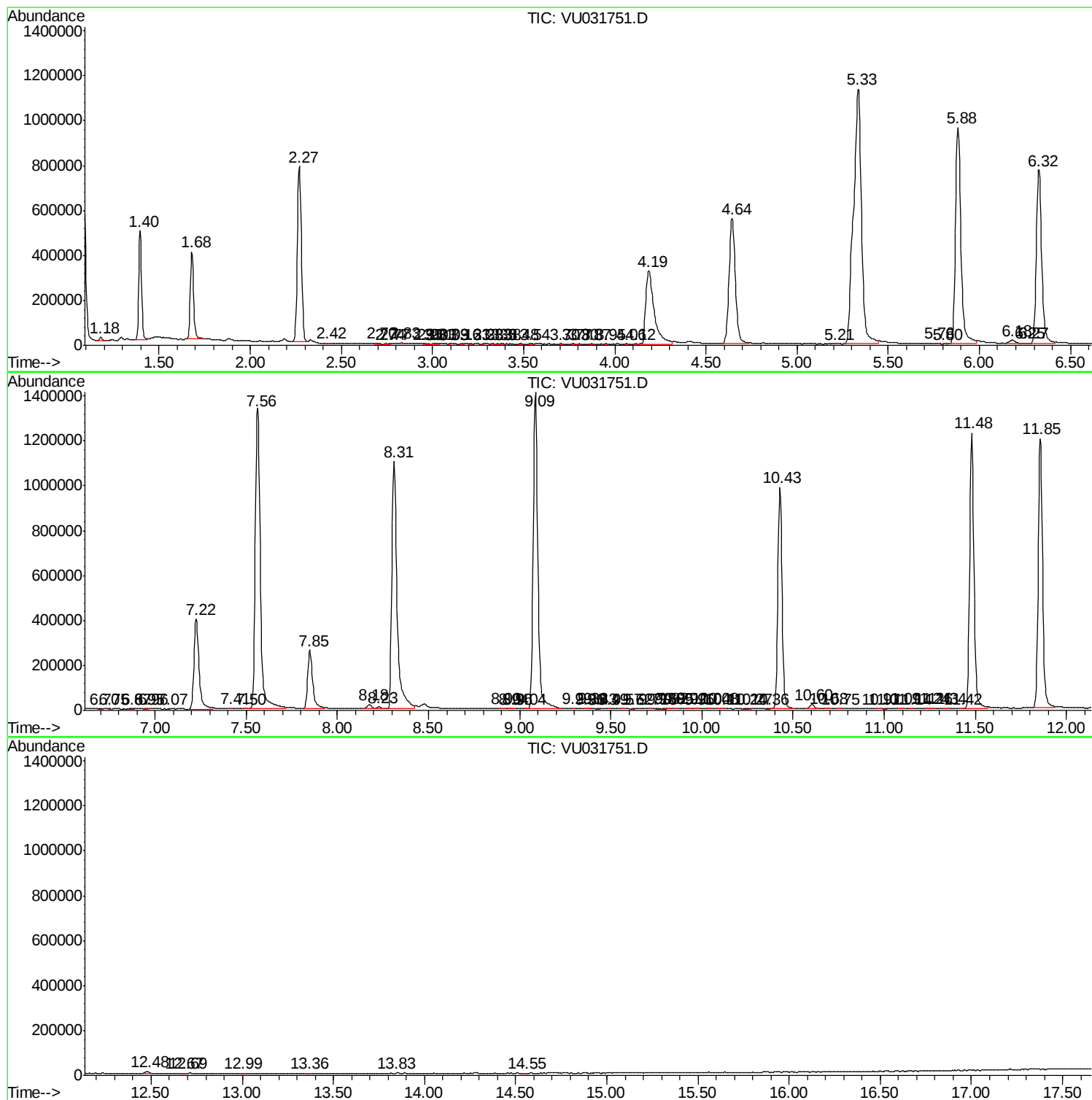
Sum of corrected areas: 25941166

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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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU050319\  
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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          |