

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\  
 Data File : VU030146.D  
 Acq On : 16 Mar 2019 15:36  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 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\SOMULM031319WMA.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         | 1.183       | 25            | 29          | 40           | rVB2     | 11714          | 10471         | 0.63%           | 0.077%        |
| 2         | 1.399       | 89            | 96          | 115          | rVB      | 232664         | 238607        | 14.42%          | 1.744%        |
| 3         | 1.678       | 176           | 183         | 198          | rVB      | 173100         | 222833        | 13.47%          | 1.629%        |
| 4         | 2.273       | 357           | 368         | 382          | rBV      | 382971         | 584747        | 35.34%          | 4.275%        |
| 5         | 2.862       | 548           | 551         | 554          | rBV      | 1462           | 1196          | 0.07%           | 0.009%        |
| 6         | 3.032       | 597           | 604         | 607          | rBV      | 1600           | 2012          | 0.12%           | 0.015%        |
| 7         | 3.141       | 634           | 638         | 640          | rBV      | 1054           | 784           | 0.05%           | 0.006%        |
| 8         | 3.273       | 676           | 679         | 682          | rBV      | 942            | 806           | 0.05%           | 0.006%        |
| 9         | 3.312       | 689           | 691         | 693          | rBV      | 870            | 530           | 0.03%           | 0.004%        |
| 10        | 3.392       | 713           | 716         | 720          | rVB      | 1200           | 832           | 0.05%           | 0.006%        |
| 11        | 3.418       | 720           | 724         | 728          | rBV      | 1099           | 1123          | 0.07%           | 0.008%        |
| 12        | 3.450       | 731           | 734         | 737          | rBV      | 971            | 564           | 0.03%           | 0.004%        |
| 13        | 3.559       | 765           | 768         | 772          | rBV      | 783            | 610           | 0.04%           | 0.004%        |
| 14        | 3.585       | 772           | 776         | 779          | rBV      | 932            | 792           | 0.05%           | 0.006%        |
| 15        | 3.669       | 798           | 802         | 807          | rVB      | 1067           | 929           | 0.06%           | 0.007%        |
| 16        | 3.691       | 807           | 809         | 812          | rBV      | 807            | 530           | 0.03%           | 0.004%        |
| 17        | 4.000       | 903           | 905         | 909          | rVB      | 1265           | 811           | 0.05%           | 0.006%        |
| 18        | 4.032       | 909           | 915         | 917          | rBV      | 753            | 806           | 0.05%           | 0.006%        |
| 19        | 4.045       | 917           | 919         | 923          | rVB2     | 1043           | 715           | 0.04%           | 0.005%        |
| 20        | 4.074       | 923           | 928         | 931          | rBV2     | 1175           | 1185          | 0.07%           | 0.009%        |
| 21        | 4.174       | 947           | 959         | 982          | rBV      | 163809         | 424151        | 25.63%          | 3.101%        |
| 22        | 4.485       | 1052          | 1056        | 1059         | rVB      | 937            | 771           | 0.05%           | 0.006%        |
| 23        | 4.505       | 1059          | 1062        | 1065         | rBV2     | 1187           | 948           | 0.06%           | 0.007%        |
| 24        | 4.646       | 1090          | 1106        | 1133         | rBV      | 277534         | 662715        | 40.05%          | 4.845%        |
| 25        | 4.862       | 1170          | 1173        | 1177         | rBV      | 1640           | 1356          | 0.08%           | 0.010%        |
| 26        | 4.942       | 1191          | 1198        | 1203         | rBV      | 1408           | 2188          | 0.13%           | 0.016%        |
| 27        | 5.029       | 1222          | 1225        | 1232         | rVB      | 906            | 1072          | 0.06%           | 0.008%        |
| 28        | 5.071       | 1232          | 1238        | 1239         | rBV2     | 583            | 527           | 0.03%           | 0.004%        |
| 29        | 5.109       | 1244          | 1250        | 1255         | rBV2     | 1036           | 1323          | 0.08%           | 0.010%        |
| 30        | 5.154       | 1260          | 1264        | 1268         | rVB      | 1088           | 928           | 0.06%           | 0.007%        |
| 31        | 5.186       | 1268          | 1274        | 1277         | rBV      | 2217           | 2324          | 0.14%           | 0.017%        |
| 32        | 5.235       | 1282          | 1289        | 1293         | rBV      | 1623           | 1899          | 0.11%           | 0.014%        |
| 33        | 5.337       | 1297          | 1321        | 1345         | rBV2     | 564547         | 1654672       | 100.00%         | 12.096%       |
| 34        | 5.723       | 1438          | 1441        | 1443         | rBV      | 1295           | 882           | 0.05%           | 0.006%        |

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 LabSampleId :  
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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\SOMULM031319WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.784 | 1456 | 1460 | 1463 | rBV2 | 827    | 694     | 0.04%  | 0.005% |
| 36 | 5.810 | 1463 | 1468 | 1471 | rBV  | 1092   | 1074    | 0.06%  | 0.008% |
| 37 | 5.884 | 1478 | 1491 | 1522 | rBV  | 558138 | 1117357 | 67.53% | 8.168% |
| 38 | 6.048 | 1539 | 1542 | 1546 | rVB2 | 1851   | 1508    | 0.09%  | 0.011% |
| 39 | 6.083 | 1550 | 1553 | 1556 | rBV  | 809    | 684     | 0.04%  | 0.005% |
| 40 | 6.247 | 1600 | 1604 | 1607 | rBV3 | 911    | 693     | 0.04%  | 0.005% |
| 41 | 6.328 | 1615 | 1629 | 1649 | rBV  | 366026 | 741050  | 44.79% | 5.417% |
| 42 | 6.498 | 1680 | 1682 | 1686 | rVB3 | 1482   | 962     | 0.06%  | 0.007% |
| 43 | 6.527 | 1686 | 1691 | 1693 | rBV2 | 844    | 708     | 0.04%  | 0.005% |
| 44 | 6.595 | 1708 | 1712 | 1715 | rBV2 | 645    | 579     | 0.03%  | 0.004% |
| 45 | 6.771 | 1764 | 1767 | 1770 | rBV2 | 776    | 560     | 0.03%  | 0.004% |
| 46 | 6.791 | 1770 | 1773 | 1778 | rVB2 | 971    | 650     | 0.04%  | 0.005% |
| 47 | 6.849 | 1788 | 1791 | 1795 | rBV2 | 806    | 711     | 0.04%  | 0.005% |
| 48 | 6.871 | 1795 | 1798 | 1800 | rBV  | 931    | 622     | 0.04%  | 0.005% |
| 49 | 6.916 | 1807 | 1812 | 1814 | rBV  | 1529   | 1382    | 0.08%  | 0.010% |
| 50 | 6.964 | 1823 | 1827 | 1829 | rVV  | 742    | 589     | 0.04%  | 0.004% |
| 51 | 7.016 | 1841 | 1843 | 1845 | rBV  | 1112   | 742     | 0.04%  | 0.005% |
| 52 | 7.054 | 1851 | 1855 | 1861 | rVB  | 1414   | 1400    | 0.08%  | 0.010% |
| 53 | 7.093 | 1864 | 1867 | 1869 | rBV  | 1051   | 653     | 0.04%  | 0.005% |
| 54 | 7.106 | 1869 | 1871 | 1876 | rVB2 | 925    | 860     | 0.05%  | 0.006% |
| 55 | 7.141 | 1876 | 1882 | 1886 | rBV2 | 1038   | 1272    | 0.08%  | 0.009% |
| 56 | 7.225 | 1895 | 1908 | 1929 | rBV  | 201780 | 371524  | 22.45% | 2.716% |
| 57 | 7.344 | 1942 | 1945 | 1948 | rVB2 | 1720   | 1160    | 0.07%  | 0.008% |
| 58 | 7.379 | 1952 | 1956 | 1958 | rBV2 | 1224   | 878     | 0.05%  | 0.006% |
| 59 | 7.440 | 1971 | 1975 | 1979 | rBV2 | 1374   | 1130    | 0.07%  | 0.008% |
| 60 | 7.463 | 1979 | 1982 | 1986 | rVB2 | 1219   | 870     | 0.05%  | 0.006% |
| 61 | 7.562 | 1998 | 2013 | 2045 | rBV  | 758021 | 1351975 | 81.71% | 9.884% |
| 62 | 7.765 | 2073 | 2076 | 2081 | rVB  | 985    | 734     | 0.04%  | 0.005% |
| 63 | 7.849 | 2091 | 2102 | 2128 | rBV  | 138870 | 248255  | 15.00% | 1.815% |
| 64 | 8.022 | 2153 | 2156 | 2160 | rBV3 | 1188   | 1233    | 0.07%  | 0.009% |
| 65 | 8.074 | 2168 | 2172 | 2174 | rBV2 | 898    | 772     | 0.05%  | 0.006% |
| 66 | 8.177 | 2194 | 2204 | 2211 | rBV3 | 9363   | 17051   | 1.03%  | 0.125% |
| 67 | 8.225 | 2212 | 2219 | 2234 | rVB3 | 26160  | 44414   | 2.68%  | 0.325% |
| 68 | 8.308 | 2234 | 2245 | 2271 | rBV  | 565749 | 1000463 | 60.46% | 7.314% |
| 69 | 8.620 | 2339 | 2342 | 2346 | rVB  | 1271   | 779     | 0.05%  | 0.006% |
| 70 | 8.935 | 2437 | 2440 | 2442 | rBV  | 882    | 586     | 0.04%  | 0.004% |
| 71 | 8.987 | 2453 | 2456 | 2460 | rBV2 | 1461   | 1139    | 0.07%  | 0.008% |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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Filtering: 5  
 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\SOMULM031319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 9.087  | 2474 | 2487 | 2515 | rBV  | 828058 | 1385783 | 83.75% | 10.131% |
| 73  | 9.292  | 2549 | 2551 | 2553 | rBV2 | 1075   | 738     | 0.04%  | 0.005%  |
| 74  | 9.373  | 2572 | 2576 | 2580 | rBV4 | 1795   | 2027    | 0.12%  | 0.015%  |
| 75  | 9.427  | 2588 | 2593 | 2599 | rBV  | 1291   | 1612    | 0.10%  | 0.012%  |
| 76  | 9.511  | 2613 | 2619 | 2623 | rBV  | 2034   | 2465    | 0.15%  | 0.018%  |
| 77  | 9.627  | 2653 | 2655 | 2658 | rBV  | 1137   | 646     | 0.04%  | 0.005%  |
| 78  | 9.697  | 2671 | 2677 | 2681 | rBV  | 1138   | 1330    | 0.08%  | 0.010%  |
| 79  | 9.759  | 2692 | 2696 | 2699 | rBV3 | 1043   | 815     | 0.05%  | 0.006%  |
| 80  | 9.778  | 2699 | 2702 | 2706 | rVV  | 1450   | 949     | 0.06%  | 0.007%  |
| 81  | 9.861  | 2725 | 2728 | 2731 | rBV  | 961    | 655     | 0.04%  | 0.005%  |
| 82  | 10.000 | 2768 | 2771 | 2779 | rVB  | 1789   | 2207    | 0.13%  | 0.016%  |
| 83  | 10.035 | 2779 | 2782 | 2784 | rBV  | 1147   | 710     | 0.04%  | 0.005%  |
| 84  | 10.077 | 2789 | 2795 | 2799 | rBV  | 1419   | 1569    | 0.09%  | 0.011%  |
| 85  | 10.141 | 2811 | 2815 | 2817 | rBV2 | 1003   | 823     | 0.05%  | 0.006%  |
| 86  | 10.157 | 2817 | 2820 | 2822 | rVV  | 1316   | 716     | 0.04%  | 0.005%  |
| 87  | 10.308 | 2864 | 2867 | 2870 | rBV  | 1200   | 848     | 0.05%  | 0.006%  |
| 88  | 10.427 | 2892 | 2904 | 2923 | rBV  | 585390 | 942387  | 56.95% | 6.889%  |
| 89  | 10.530 | 2934 | 2936 | 2938 | rBV  | 871    | 511     | 0.03%  | 0.004%  |
| 90  | 10.707 | 2988 | 2991 | 2994 | rBV  | 1129   | 601     | 0.04%  | 0.004%  |
| 91  | 10.746 | 3000 | 3003 | 3007 | rVB  | 1283   | 905     | 0.05%  | 0.007%  |
| 92  | 10.771 | 3007 | 3011 | 3015 | rBV  | 1378   | 1396    | 0.08%  | 0.010%  |
| 93  | 11.221 | 3147 | 3151 | 3154 | rBV  | 1720   | 1452    | 0.09%  | 0.011%  |
| 94  | 11.482 | 3217 | 3232 | 3254 | rBV  | 812814 | 1322023 | 79.90% | 9.665%  |
| 95  | 11.855 | 3336 | 3348 | 3370 | rBV  | 759182 | 1255392 | 75.87% | 9.178%  |
| 96  | 12.273 | 3474 | 3478 | 3481 | rBV2 | 1312   | 1420    | 0.09%  | 0.010%  |
| 97  | 12.922 | 3677 | 3680 | 3682 | rBV  | 1314   | 797     | 0.05%  | 0.006%  |
| 98  | 13.102 | 3733 | 3736 | 3743 | rVV  | 1762   | 2100    | 0.13%  | 0.015%  |
| 99  | 13.810 | 3953 | 3956 | 3958 | rBV  | 1211   | 759     | 0.05%  | 0.006%  |
| 100 | 13.890 | 3978 | 3981 | 3984 | rBV2 | 1269   | 1003    | 0.06%  | 0.007%  |

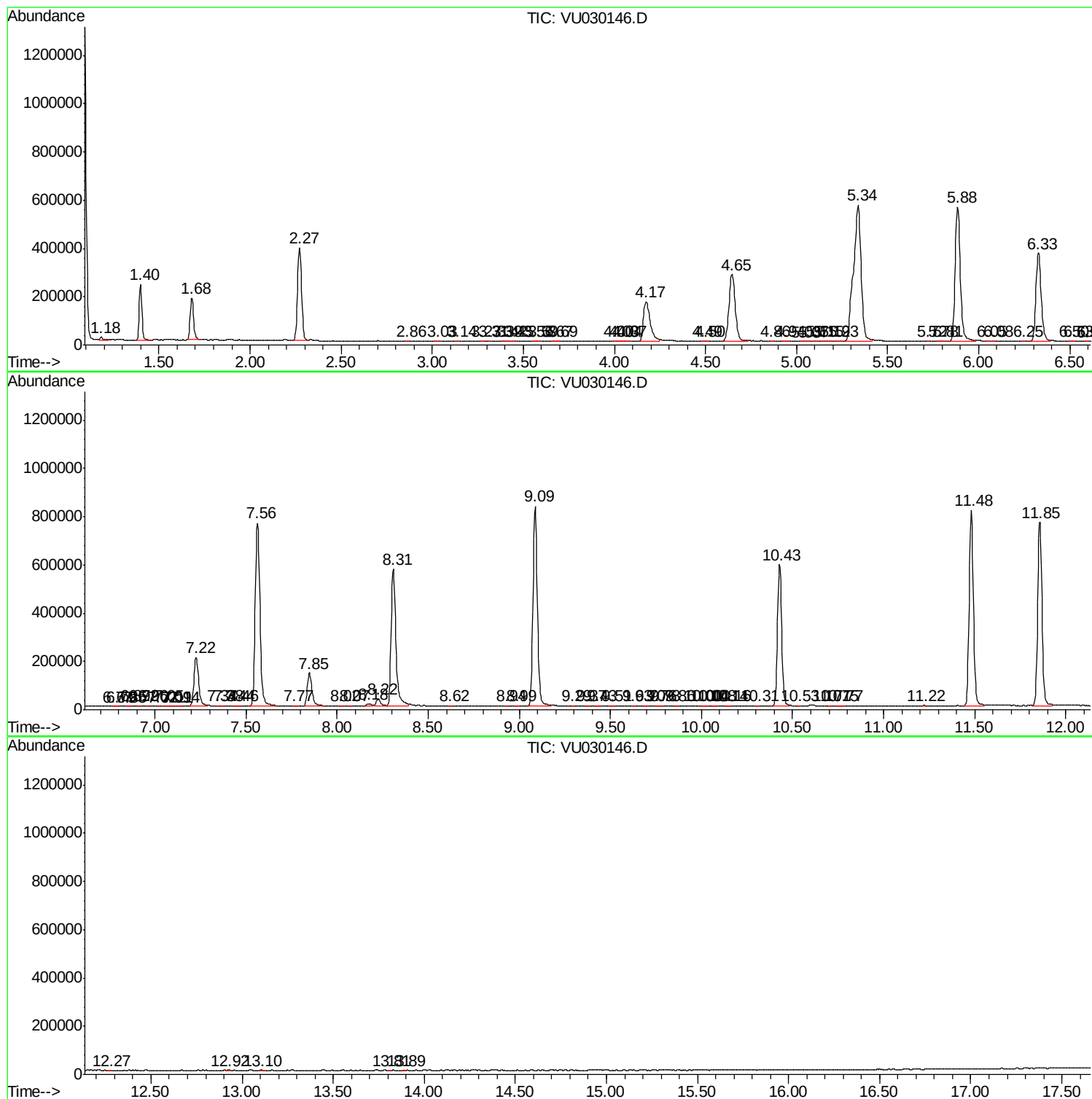
Sum of corrected areas: 13678991

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.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  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |