

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\  
 Data File : VU030113.D  
 Acq On : 15 Mar 2019 16:11  
 Operator : JC/SP  
 Sample : VU0316WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK33

## 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          | 37           | rVB3     | 12379          | 11536         | 0.62%           | 0.078%        |
| 2         | 1.399       | 89            | 96          | 107          | rBV      | 277568         | 279877        | 15.15%          | 1.893%        |
| 3         | 1.682       | 175           | 184         | 197          | rBV      | 195957         | 254663        | 13.79%          | 1.723%        |
| 4         | 2.045       | 293           | 297         | 299          | rBV3     | 2380           | 1832          | 0.10%           | 0.012%        |
| 5         | 2.270       | 356           | 367         | 382          | rBV      | 439557         | 674340        | 36.50%          | 4.561%        |
| 6         | 2.415       | 409           | 412         | 417          | rVB3     | 1190           | 1072          | 0.06%           | 0.007%        |
| 7         | 2.469       | 425           | 429         | 430          | rBV2     | 1466           | 905           | 0.05%           | 0.006%        |
| 8         | 2.598       | 464           | 469         | 472          | rBV2     | 772            | 707           | 0.04%           | 0.005%        |
| 9         | 2.694       | 495           | 499         | 501          | rBV3     | 1658           | 1306          | 0.07%           | 0.009%        |
| 10        | 2.820       | 536           | 538         | 541          | rVB      | 1208           | 691           | 0.04%           | 0.005%        |
| 11        | 2.845       | 541           | 546         | 548          | rBV      | 1360           | 1244          | 0.07%           | 0.008%        |
| 12        | 2.900       | 556           | 563         | 566          | rBV      | 1110           | 1193          | 0.06%           | 0.008%        |
| 13        | 2.923       | 566           | 570         | 574          | rVB3     | 848            | 839           | 0.05%           | 0.006%        |
| 14        | 2.945       | 574           | 577         | 580          | rBV2     | 781            | 696           | 0.04%           | 0.005%        |
| 15        | 2.984       | 587           | 589         | 592          | rBV2     | 1150           | 814           | 0.04%           | 0.006%        |
| 16        | 3.119       | 628           | 631         | 635          | rVB      | 1328           | 1004          | 0.05%           | 0.007%        |
| 17        | 3.164       | 641           | 645         | 647          | rBV3     | 931            | 738           | 0.04%           | 0.005%        |
| 18        | 3.238       | 664           | 668         | 672          | rBV2     | 1380           | 1177          | 0.06%           | 0.008%        |
| 19        | 3.260       | 672           | 675         | 683          | rBV2     | 1305           | 1846          | 0.10%           | 0.012%        |
| 20        | 3.321       | 688           | 694         | 698          | rVB2     | 880            | 921           | 0.05%           | 0.006%        |
| 21        | 3.354       | 698           | 704         | 708          | rBV3     | 1332           | 2031          | 0.11%           | 0.014%        |
| 22        | 3.440       | 728           | 731         | 736          | rVB      | 1453           | 1283          | 0.07%           | 0.009%        |
| 23        | 3.469       | 736           | 740         | 743          | rBV      | 1271           | 1259          | 0.07%           | 0.009%        |
| 24        | 3.505       | 747           | 751         | 754          | rBV      | 1168           | 793           | 0.04%           | 0.005%        |
| 25        | 3.537       | 758           | 761         | 767          | rBV2     | 731            | 835           | 0.05%           | 0.006%        |
| 26        | 3.608       | 779           | 783         | 789          | rVB      | 1184           | 1496          | 0.08%           | 0.010%        |
| 27        | 3.662       | 794           | 800         | 803          | rBV      | 1109           | 967           | 0.05%           | 0.007%        |
| 28        | 3.772       | 830           | 834         | 838          | rVB      | 1037           | 953           | 0.05%           | 0.006%        |
| 29        | 3.823       | 848           | 850         | 853          | rVV      | 1061           | 719           | 0.04%           | 0.005%        |
| 30        | 3.961       | 886           | 893         | 896          | rBV2     | 764            | 998           | 0.05%           | 0.007%        |
| 31        | 4.019       | 908           | 911         | 916          | rVB      | 1188           | 986           | 0.05%           | 0.007%        |
| 32        | 4.071       | 924           | 927         | 933          | rVB2     | 991            | 952           | 0.05%           | 0.006%        |
| 33        | 4.177       | 944           | 960         | 985          | rBV      | 168575         | 439036        | 23.77%          | 2.970%        |
| 34        | 4.540       | 1069          | 1073        | 1075         | rBV2     | 1103           | 937           | 0.05%           | 0.006%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.646 | 1087 | 1106 | 1132 | rBV  | 307572 | 725147  | 39.25%  | 4.905%  |
| 36 | 4.961 | 1202 | 1204 | 1208 | rVB4 | 944    | 650     | 0.04%   | 0.004%  |
| 37 | 4.990 | 1208 | 1213 | 1220 | rVB4 | 1167   | 1370    | 0.07%   | 0.009%  |
| 38 | 5.061 | 1232 | 1235 | 1238 | rBV  | 1392   | 1075    | 0.06%   | 0.007%  |
| 39 | 5.103 | 1243 | 1248 | 1251 | rBV2 | 1024   | 1269    | 0.07%   | 0.009%  |
| 40 | 5.161 | 1263 | 1266 | 1272 | rVB3 | 743    | 742     | 0.04%   | 0.005%  |
| 41 | 5.193 | 1272 | 1276 | 1279 | rBV2 | 1080   | 928     | 0.05%   | 0.006%  |
| 42 | 5.247 | 1289 | 1293 | 1296 | rVB  | 1167   | 832     | 0.05%   | 0.006%  |
| 43 | 5.337 | 1296 | 1321 | 1347 | rBV2 | 629180 | 1847279 | 100.00% | 12.495% |
| 44 | 5.614 | 1401 | 1407 | 1411 | rVB  | 2142   | 2021    | 0.11%   | 0.014%  |
| 45 | 5.636 | 1411 | 1414 | 1417 | rBV  | 906    | 734     | 0.04%   | 0.005%  |
| 46 | 5.697 | 1430 | 1433 | 1437 | rVB  | 1235   | 901     | 0.05%   | 0.006%  |
| 47 | 5.884 | 1477 | 1491 | 1529 | rBV  | 590815 | 1193494 | 64.61%  | 8.073%  |
| 48 | 6.122 | 1563 | 1565 | 1570 | rVB3 | 1020   | 650     | 0.04%   | 0.004%  |
| 49 | 6.167 | 1576 | 1579 | 1584 | rBV4 | 1616   | 1505    | 0.08%   | 0.010%  |
| 50 | 6.244 | 1599 | 1603 | 1606 | rBV  | 1169   | 997     | 0.05%   | 0.007%  |
| 51 | 6.328 | 1615 | 1629 | 1651 | rBV  | 396290 | 806078  | 43.64%  | 5.452%  |
| 52 | 6.759 | 1760 | 1763 | 1766 | rBV2 | 1222   | 1039    | 0.06%   | 0.007%  |
| 53 | 6.826 | 1781 | 1784 | 1788 | rVB  | 1044   | 732     | 0.04%   | 0.005%  |
| 54 | 6.858 | 1788 | 1794 | 1797 | rBV  | 1212   | 1287    | 0.07%   | 0.009%  |
| 55 | 6.890 | 1801 | 1804 | 1806 | rBV  | 1728   | 1007    | 0.05%   | 0.007%  |
| 56 | 6.942 | 1817 | 1820 | 1823 | rBV2 | 1039   | 784     | 0.04%   | 0.005%  |
| 57 | 7.144 | 1878 | 1883 | 1888 | rVB3 | 1167   | 1538    | 0.08%   | 0.010%  |
| 58 | 7.177 | 1888 | 1893 | 1895 | rBV2 | 1114   | 889     | 0.05%   | 0.006%  |
| 59 | 7.225 | 1896 | 1908 | 1930 | rBV  | 224189 | 411444  | 22.27%  | 2.783%  |
| 60 | 7.469 | 1976 | 1984 | 1993 | rBV7 | 3220   | 5141    | 0.28%   | 0.035%  |
| 61 | 7.562 | 2000 | 2013 | 2036 | rBV  | 837817 | 1505231 | 81.48%  | 10.181% |
| 62 | 7.849 | 2090 | 2102 | 2122 | rBV  | 155691 | 275313  | 14.90%  | 1.862%  |
| 63 | 8.176 | 2193 | 2204 | 2212 | rBV2 | 11496  | 23051   | 1.25%   | 0.156%  |
| 64 | 8.308 | 2234 | 2245 | 2287 | rBV  | 572815 | 1018336 | 55.13%  | 6.888%  |
| 65 | 8.546 | 2316 | 2319 | 2326 | rBV2 | 1092   | 832     | 0.05%   | 0.006%  |
| 66 | 8.791 | 2391 | 2395 | 2397 | rBV  | 1120   | 857     | 0.05%   | 0.006%  |
| 67 | 9.086 | 2475 | 2487 | 2511 | rBV  | 850816 | 1446110 | 78.28%  | 9.781%  |
| 68 | 9.254 | 2536 | 2539 | 2544 | rVB2 | 2151   | 1824    | 0.10%   | 0.012%  |
| 69 | 9.385 | 2573 | 2580 | 2586 | rVB4 | 3071   | 4297    | 0.23%   | 0.029%  |
| 70 | 9.475 | 2604 | 2608 | 2612 | rBV3 | 1240   | 1003    | 0.05%   | 0.007%  |
| 71 | 9.511 | 2617 | 2619 | 2622 | rVB  | 1222   | 710     | 0.04%   | 0.005%  |

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Filtering: 5  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.533  | 2623 | 2626 | 2631 | rVB  | 795    | 736     | 0.04%  | 0.005% |
| 73  | 9.852  | 2722 | 2725 | 2729 | rBV  | 1010   | 750     | 0.04%  | 0.005% |
| 74  | 10.106 | 2801 | 2804 | 2808 | rBV  | 1652   | 1494    | 0.08%  | 0.010% |
| 75  | 10.170 | 2820 | 2824 | 2828 | rVB3 | 1665   | 1494    | 0.08%  | 0.010% |
| 76  | 10.430 | 2893 | 2905 | 2934 | rBV  | 595907 | 981204  | 53.12% | 6.637% |
| 77  | 10.803 | 3015 | 3021 | 3023 | rBV  | 1464   | 1383    | 0.07%  | 0.009% |
| 78  | 10.852 | 3033 | 3036 | 3040 | rBV  | 1425   | 1124    | 0.06%  | 0.008% |
| 79  | 11.035 | 3088 | 3093 | 3096 | rBV2 | 1489   | 1752    | 0.09%  | 0.012% |
| 80  | 11.125 | 3118 | 3121 | 3126 | rVB  | 1195   | 850     | 0.05%  | 0.006% |
| 81  | 11.183 | 3136 | 3139 | 3145 | rVB2 | 1077   | 1057    | 0.06%  | 0.007% |
| 82  | 11.215 | 3145 | 3149 | 3151 | rBV2 | 1122   | 1082    | 0.06%  | 0.007% |
| 83  | 11.260 | 3159 | 3163 | 3165 | rBV2 | 1149   | 745     | 0.04%  | 0.005% |
| 84  | 11.286 | 3165 | 3171 | 3176 | rBV  | 1356   | 1944    | 0.11%  | 0.013% |
| 85  | 11.424 | 3208 | 3214 | 3220 | rVB7 | 4270   | 6170    | 0.33%  | 0.042% |
| 86  | 11.482 | 3220 | 3232 | 3258 | rBV  | 872721 | 1389543 | 75.22% | 9.399% |
| 87  | 11.858 | 3337 | 3349 | 3371 | rBV  | 836191 | 1377436 | 74.57% | 9.317% |
| 88  | 12.659 | 3594 | 3598 | 3600 | rBV2 | 1253   | 913     | 0.05%  | 0.006% |
| 89  | 12.893 | 3665 | 3671 | 3680 | rVB6 | 5239   | 8110    | 0.44%  | 0.055% |
| 90  | 13.070 | 3723 | 3726 | 3729 | rBV  | 1203   | 658     | 0.04%  | 0.004% |
| 91  | 13.093 | 3729 | 3733 | 3737 | rBV  | 1685   | 1776    | 0.10%  | 0.012% |
| 92  | 13.131 | 3742 | 3745 | 3747 | rBV2 | 1109   | 786     | 0.04%  | 0.005% |
| 93  | 13.273 | 3786 | 3789 | 3790 | rBV2 | 1062   | 659     | 0.04%  | 0.004% |
| 94  | 13.430 | 3836 | 3838 | 3842 | rVB  | 1380   | 823     | 0.04%  | 0.006% |
| 95  | 13.472 | 3848 | 3851 | 3853 | rBV  | 1493   | 788     | 0.04%  | 0.005% |
| 96  | 13.514 | 3858 | 3864 | 3866 | rBV4 | 4395   | 4875    | 0.26%  | 0.033% |
| 97  | 13.630 | 3898 | 3900 | 3903 | rVB  | 1355   | 688     | 0.04%  | 0.005% |
| 98  | 13.649 | 3903 | 3906 | 3908 | rBV2 | 1317   | 889     | 0.05%  | 0.006% |
| 99  | 13.755 | 3933 | 3939 | 3944 | rBV2 | 6391   | 9349    | 0.51%  | 0.063% |
| 100 | 13.993 | 4005 | 4013 | 4015 | rBV3 | 5946   | 7318    | 0.40%  | 0.049% |

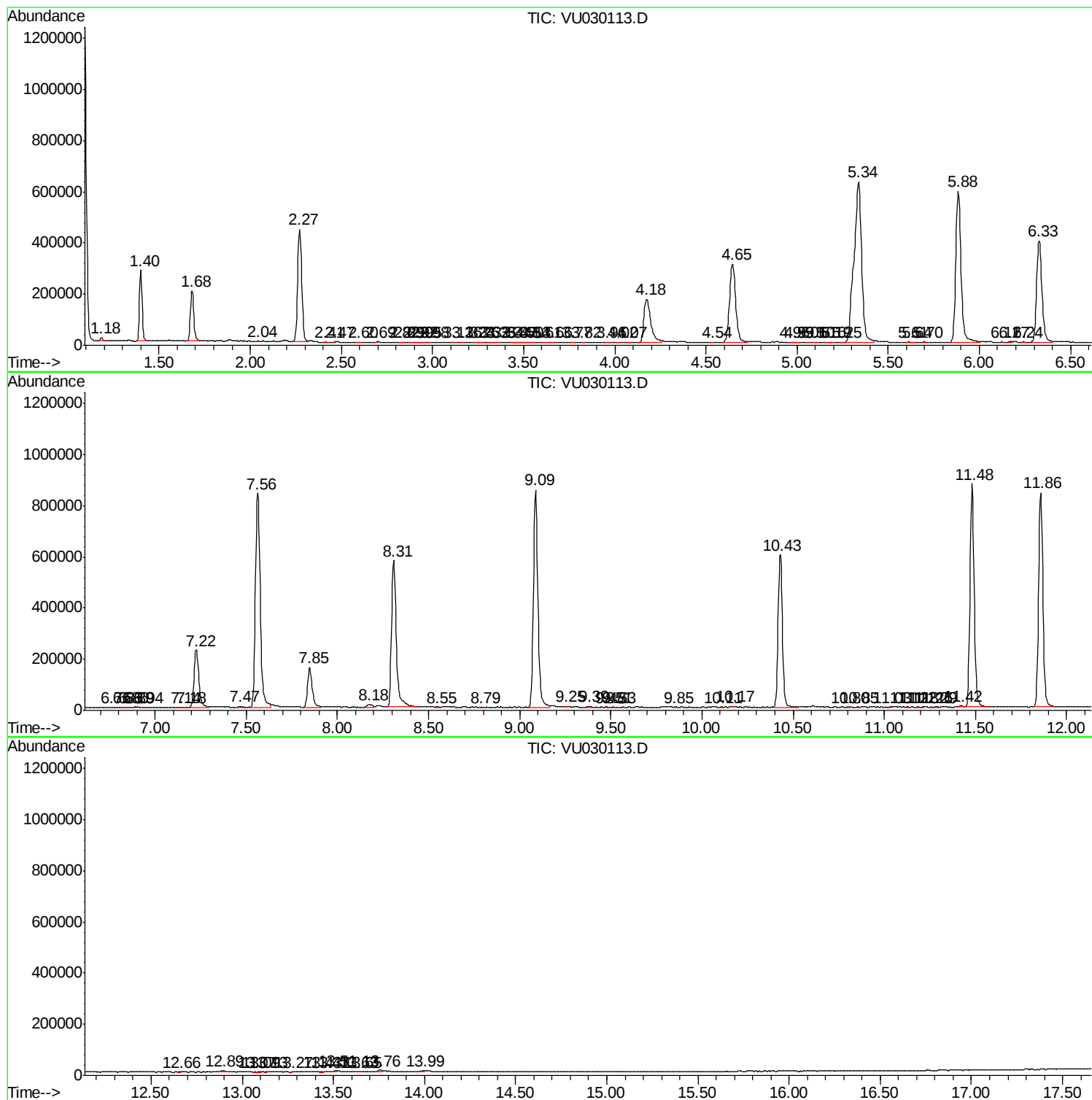
Sum of corrected areas: 14784139

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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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU031619\  
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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          |