

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101218\  
 Data File : VU027633.D  
 Acq On : 12 Oct 2018 18:55  
 Operator : MD/SY  
 Sample : J5403-16  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0905

## 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\SOMULM100518WMA.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         | 1.399       | 64            | 70          | 85           | rBV      | 86849          | 86594         | 14.08%          | 1.646%        |
| 2         | 1.681       | 151           | 158         | 176          | rVB      | 64780          | 84235         | 13.69%          | 1.601%        |
| 3         | 2.273       | 332           | 342         | 354          | rBV      | 128165         | 193695        | 31.49%          | 3.682%        |
| 4         | 2.447       | 388           | 396         | 410          | rVB      | 7384           | 12456         | 2.03%           | 0.237%        |
| 5         | 2.800       | 504           | 506         | 509          | rVB      | 187            | 65            | 0.01%           | 0.001%        |
| 6         | 2.839       | 511           | 518         | 527          | rVV2     | 492            | 871           | 0.14%           | 0.017%        |
| 7         | 2.874       | 527           | 529         | 532          | rBV      | 103            | 63            | 0.01%           | 0.001%        |
| 8         | 2.955       | 552           | 554         | 558          | rVB      | 172            | 91            | 0.01%           | 0.002%        |
| 9         | 3.016       | 571           | 573         | 576          | rBV      | 151            | 83            | 0.01%           | 0.002%        |
| 10        | 3.096       | 595           | 598         | 600          | rVB      | 208            | 99            | 0.02%           | 0.002%        |
| 11        | 3.119       | 602           | 605         | 608          | rVB      | 198            | 145           | 0.02%           | 0.003%        |
| 12        | 3.154       | 613           | 616         | 620          | rBV      | 247            | 153           | 0.02%           | 0.003%        |
| 13        | 3.186       | 625           | 626         | 631          | rVB      | 157            | 62            | 0.01%           | 0.001%        |
| 14        | 3.582       | 745           | 749         | 752          | rBV      | 97             | 97            | 0.02%           | 0.002%        |
| 15        | 3.633       | 761           | 765         | 768          | rBV      | 70             | 71            | 0.01%           | 0.001%        |
| 16        | 3.649       | 768           | 770         | 774          | rVB      | 211            | 113           | 0.02%           | 0.002%        |
| 17        | 3.678       | 774           | 779         | 781          | rBV2     | 427            | 435           | 0.07%           | 0.008%        |
| 18        | 3.797       | 812           | 816         | 821          | rVB2     | 191            | 198           | 0.03%           | 0.004%        |
| 19        | 3.839       | 821           | 829         | 831          | rBV2     | 226            | 327           | 0.05%           | 0.006%        |
| 20        | 3.881       | 839           | 842         | 845          | rVB      | 208            | 120           | 0.02%           | 0.002%        |
| 21        | 3.916       | 848           | 853         | 858          | rVB      | 236            | 230           | 0.04%           | 0.004%        |
| 22        | 3.948       | 858           | 863         | 868          | rVB2     | 199            | 204           | 0.03%           | 0.004%        |
| 23        | 4.003       | 876           | 880         | 881          | rBV      | 125            | 71            | 0.01%           | 0.001%        |
| 24        | 4.058       | 894           | 897         | 900          | rBV      | 191            | 179           | 0.03%           | 0.003%        |
| 25        | 4.103       | 909           | 911         | 912          | rBV      | 149            | 66            | 0.01%           | 0.001%        |
| 26        | 4.180       | 922           | 935         | 969          | rBV      | 65972          | 178877        | 29.08%          | 3.401%        |
| 27        | 4.495       | 1031          | 1033        | 1040         | rVB      | 266            | 204           | 0.03%           | 0.004%        |
| 28        | 4.533       | 1040          | 1045        | 1047         | rBV      | 97             | 94            | 0.02%           | 0.002%        |
| 29        | 4.543       | 1047          | 1048        | 1051         | rVB      | 177            | 66            | 0.01%           | 0.001%        |
| 30        | 4.649       | 1065          | 1081        | 1111         | rBV      | 101561         | 241613        | 39.28%          | 4.593%        |
| 31        | 4.820       | 1131          | 1134        | 1139         | rVB      | 193            | 145           | 0.02%           | 0.003%        |
| 32        | 4.842       | 1139          | 1141        | 1143         | rBV      | 153            | 86            | 0.01%           | 0.002%        |
| 33        | 4.884       | 1150          | 1154        | 1155         | rBV      | 405            | 275           | 0.04%           | 0.005%        |
| 34        | 4.958       | 1173          | 1177        | 1179         | rBV      | 100            | 75            | 0.01%           | 0.001%        |

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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\SOMULM100518WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.993 | 1183 | 1188 | 1191 | rVV2 | 218    | 233    | 0.04%   | 0.004%  |
| 36 | 5.077 | 1212 | 1214 | 1219 | rVB  | 193    | 134    | 0.02%   | 0.003%  |
| 37 | 5.103 | 1219 | 1222 | 1224 | rVB  | 178    | 80     | 0.01%   | 0.002%  |
| 38 | 5.241 | 1260 | 1265 | 1268 | rVB  | 103    | 75     | 0.01%   | 0.001%  |
| 39 | 5.260 | 1268 | 1271 | 1273 | rVB  | 190    | 84     | 0.01%   | 0.002%  |
| 40 | 5.344 | 1273 | 1297 | 1325 | rBV2 | 204152 | 615109 | 100.00% | 11.693% |
| 41 | 5.527 | 1352 | 1354 | 1359 | rBV2 | 142    | 148    | 0.02%   | 0.003%  |
| 42 | 5.553 | 1359 | 1362 | 1366 | rVB2 | 132    | 118    | 0.02%   | 0.002%  |
| 43 | 5.588 | 1369 | 1373 | 1378 | rBV  | 102    | 91     | 0.01%   | 0.002%  |
| 44 | 5.791 | 1433 | 1436 | 1441 | rVB  | 95     | 73     | 0.01%   | 0.001%  |
| 45 | 5.823 | 1441 | 1446 | 1453 | rBV  | 128    | 168    | 0.03%   | 0.003%  |
| 46 | 5.890 | 1453 | 1467 | 1495 | rBV  | 207009 | 413039 | 67.15%  | 7.852%  |
| 47 | 6.180 | 1553 | 1557 | 1563 | rBV2 | 410    | 439    | 0.07%   | 0.008%  |
| 48 | 6.334 | 1590 | 1605 | 1637 | rBV  | 143632 | 297660 | 48.39%  | 5.659%  |
| 49 | 6.475 | 1647 | 1649 | 1653 | rBV  | 186    | 106    | 0.02%   | 0.002%  |
| 50 | 6.797 | 1745 | 1749 | 1751 | rBV  | 76     | 63     | 0.01%   | 0.001%  |
| 51 | 6.855 | 1765 | 1767 | 1769 | rBV2 | 140    | 93     | 0.02%   | 0.002%  |
| 52 | 6.868 | 1769 | 1771 | 1777 | rVB  | 318    | 174    | 0.03%   | 0.003%  |
| 53 | 6.897 | 1777 | 1780 | 1784 | rBV  | 228    | 122    | 0.02%   | 0.002%  |
| 54 | 7.131 | 1850 | 1853 | 1858 | rVB  | 241    | 191    | 0.03%   | 0.004%  |
| 55 | 7.186 | 1868 | 1870 | 1872 | rVB  | 154    | 64     | 0.01%   | 0.001%  |
| 56 | 7.231 | 1872 | 1884 | 1908 | rBV  | 71811  | 131711 | 21.41%  | 2.504%  |
| 57 | 7.353 | 1915 | 1922 | 1923 | rBV  | 264    | 210    | 0.03%   | 0.004%  |
| 58 | 7.376 | 1926 | 1929 | 1934 | rVB2 | 214    | 150    | 0.02%   | 0.003%  |
| 59 | 7.401 | 1934 | 1937 | 1941 | rBV2 | 264    | 151    | 0.02%   | 0.003%  |
| 60 | 7.469 | 1956 | 1958 | 1961 | rVB  | 184    | 85     | 0.01%   | 0.002%  |
| 61 | 7.495 | 1961 | 1966 | 1967 | rBV  | 130    | 80     | 0.01%   | 0.002%  |
| 62 | 7.569 | 1975 | 1989 | 2024 | rBV  | 246675 | 439787 | 71.50%  | 8.360%  |
| 63 | 7.736 | 2040 | 2041 | 2044 | rVB2 | 233    | 94     | 0.02%   | 0.002%  |
| 64 | 7.852 | 2064 | 2077 | 2096 | rBV  | 52029  | 88893  | 14.45%  | 1.690%  |
| 65 | 8.016 | 2125 | 2128 | 2130 | rVV  | 85     | 64     | 0.01%   | 0.001%  |
| 66 | 8.028 | 2130 | 2132 | 2135 | rVB  | 218    | 103    | 0.02%   | 0.002%  |
| 67 | 8.077 | 2145 | 2147 | 2149 | rVB  | 135    | 69     | 0.01%   | 0.001%  |
| 68 | 8.154 | 2167 | 2171 | 2172 | rBV  | 206    | 110    | 0.02%   | 0.002%  |
| 69 | 8.228 | 2182 | 2194 | 2210 | rBV  | 333796 | 565682 | 91.96%  | 10.754% |
| 70 | 8.311 | 2210 | 2220 | 2250 | rVB  | 202908 | 360942 | 58.68%  | 6.862%  |
| 71 | 8.607 | 2308 | 2312 | 2315 | rBV  | 129    | 118    | 0.02%   | 0.002%  |

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## Integration Parameters: LSCINT.P

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 Start Thrs: 0.2  
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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\SOMULM100518WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.627  | 2316 | 2318 | 2322 | rVB  | 168    | 115    | 0.02%  | 0.002% |
| 73  | 8.681  | 2332 | 2335 | 2338 | rVB2 | 192    | 113    | 0.02%  | 0.002% |
| 74  | 8.758  | 2357 | 2359 | 2361 | rBV  | 197    | 91     | 0.01%  | 0.002% |
| 75  | 8.803  | 2370 | 2373 | 2376 | rBV  | 197    | 123    | 0.02%  | 0.002% |
| 76  | 8.836  | 2379 | 2383 | 2385 | rBV2 | 419    | 312    | 0.05%  | 0.006% |
| 77  | 9.090  | 2449 | 2462 | 2499 | rBV  | 292532 | 492491 | 80.07% | 9.362% |
| 78  | 9.244  | 2506 | 2510 | 2513 | rBV  | 268    | 192    | 0.03%  | 0.004% |
| 79  | 9.263  | 2513 | 2516 | 2518 | rVB  | 253    | 141    | 0.02%  | 0.003% |
| 80  | 9.311  | 2528 | 2531 | 2534 | rBV2 | 157    | 108    | 0.02%  | 0.002% |
| 81  | 9.334  | 2534 | 2538 | 2541 | rBV2 | 197    | 137    | 0.02%  | 0.003% |
| 82  | 9.369  | 2545 | 2549 | 2550 | rBV  | 187    | 145    | 0.02%  | 0.003% |
| 83  | 9.549  | 2603 | 2605 | 2606 | rBV2 | 132    | 75     | 0.01%  | 0.001% |
| 84  | 9.623  | 2625 | 2628 | 2633 | rVB2 | 256    | 187    | 0.03%  | 0.004% |
| 85  | 9.659  | 2636 | 2639 | 2641 | rBV  | 192    | 113    | 0.02%  | 0.002% |
| 86  | 9.919  | 2719 | 2720 | 2726 | rVB  | 174    | 83     | 0.01%  | 0.002% |
| 87  | 9.948  | 2726 | 2729 | 2736 | rBV  | 145    | 162    | 0.03%  | 0.003% |
| 88  | 9.983  | 2736 | 2740 | 2744 | rVB2 | 202    | 143    | 0.02%  | 0.003% |
| 89  | 10.006 | 2744 | 2747 | 2756 | rBV2 | 208    | 275    | 0.04%  | 0.005% |
| 90  | 10.237 | 2816 | 2819 | 2822 | rVB  | 223    | 132    | 0.02%  | 0.003% |
| 91  | 10.295 | 2835 | 2837 | 2844 | rVB2 | 210    | 207    | 0.03%  | 0.004% |
| 92  | 10.434 | 2868 | 2880 | 2900 | rBV  | 187959 | 299010 | 48.61% | 5.684% |
| 93  | 10.607 | 2926 | 2934 | 2945 | rVB4 | 1029   | 1662   | 0.27%  | 0.032% |
| 94  | 10.665 | 2949 | 2952 | 2955 | rBV  | 207    | 197    | 0.03%  | 0.004% |
| 95  | 10.768 | 2979 | 2984 | 2986 | rBV  | 185    | 198    | 0.03%  | 0.004% |
| 96  | 11.315 | 3150 | 3154 | 3158 | rBV  | 258    | 251    | 0.04%  | 0.005% |
| 97  | 11.485 | 3195 | 3207 | 3224 | rBV  | 247336 | 384475 | 62.51% | 7.309% |
| 98  | 11.736 | 3282 | 3285 | 3287 | rBV  | 297    | 216    | 0.04%  | 0.004% |
| 99  | 11.861 | 3312 | 3324 | 3348 | rBV  | 221152 | 360108 | 58.54% | 6.846% |
| 100 | 13.257 | 3755 | 3758 | 3760 | rBV  | 312    | 174    | 0.03%  | 0.003% |

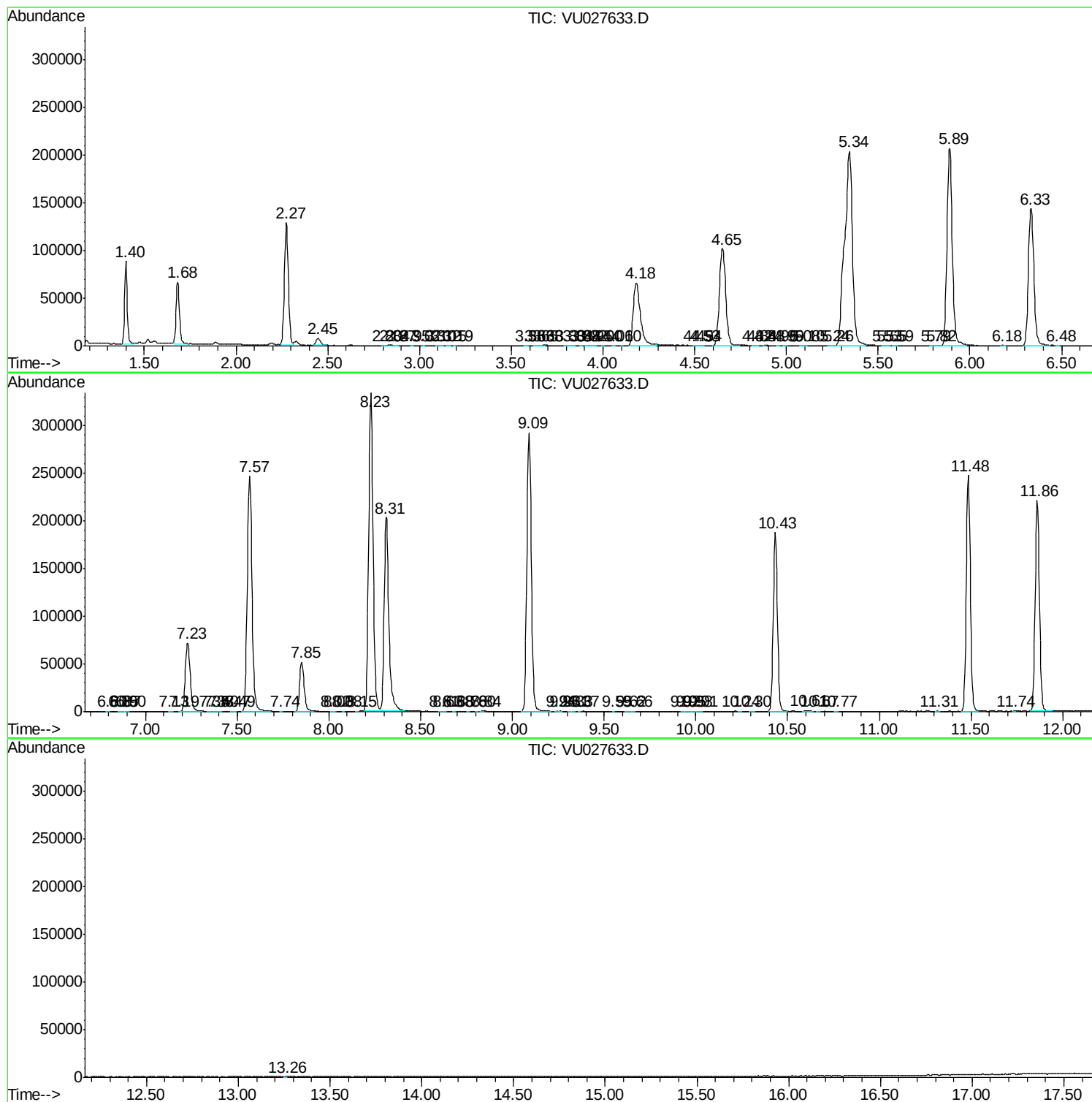
Sum of corrected areas: 5260307

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100518WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101218\  
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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          |