

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU122018\  
 Data File : VU028852.D  
 Acq On : 21 Dec 2018 02:20  
 Operator : MD/SY  
 Sample : J6513-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

## 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\SOMULM122018WMA.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      | 1.398    | 63         | 70       | 81        | rVB   | 126074      | 125710     | 16.08%       | 2.032%     |
| 2      | 1.668    | 147        | 154      | 171       | rVB   | 85866       | 106954     | 13.68%       | 1.729%     |
| 3      | 2.270    | 330        | 341      | 353       | rBV   | 167477      | 254774     | 32.59%       | 4.118%     |
| 4      | 2.450    | 389        | 397      | 410       | rBV2  | 4150        | 7464       | 0.95%        | 0.121%     |
| 5      | 2.620    | 444        | 450      | 455       | rBV   | 437         | 519        | 0.07%        | 0.008%     |
| 6      | 2.678    | 463        | 468      | 473       | rBV2  | 370         | 402        | 0.05%        | 0.006%     |
| 7      | 2.784    | 496        | 501      | 507       | rBV3  | 622         | 878        | 0.11%        | 0.014%     |
| 8      | 2.935    | 546        | 548      | 550       | rBV   | 155         | 77         | 0.01%        | 0.001%     |
| 9      | 3.003    | 567        | 569      | 573       | rVB   | 215         | 81         | 0.01%        | 0.001%     |
| 10     | 3.077    | 590        | 592      | 597       | rVB   | 200         | 96         | 0.01%        | 0.002%     |
| 11     | 3.192    | 625        | 628      | 634       | rBV   | 145         | 96         | 0.01%        | 0.002%     |
| 12     | 3.302    | 657        | 662      | 667       | rBV3  | 498         | 480        | 0.06%        | 0.008%     |
| 13     | 3.501    | 721        | 724      | 726       | rBV   | 114         | 69         | 0.01%        | 0.001%     |
| 14     | 3.652    | 769        | 771      | 774       | rVB   | 178         | 73         | 0.01%        | 0.001%     |
| 15     | 3.672    | 774        | 777      | 779       | rBV   | 113         | 75         | 0.01%        | 0.001%     |
| 16     | 3.717    | 786        | 791      | 793       | rBV   | 87          | 98         | 0.01%        | 0.002%     |
| 17     | 3.726    | 793        | 794      | 799       | rVB   | 184         | 70         | 0.01%        | 0.001%     |
| 18     | 3.768    | 804        | 807      | 811       | rBV2  | 199         | 137        | 0.02%        | 0.002%     |
| 19     | 4.086    | 898        | 906      | 907       | rBV   | 718         | 657        | 0.08%        | 0.011%     |
| 20     | 4.176    | 921        | 934      | 969       | rBV   | 81267       | 213390     | 27.30%       | 3.449%     |
| 21     | 4.443    | 1015       | 1017     | 1020      | rBV   | 189         | 88         | 0.01%        | 0.001%     |
| 22     | 4.501    | 1031       | 1035     | 1036      | rBV   | 139         | 78         | 0.01%        | 0.001%     |
| 23     | 4.646    | 1063       | 1080     | 1108      | rBV   | 125603      | 294512     | 37.67%       | 4.761%     |
| 24     | 4.768    | 1115       | 1118     | 1120      | rBV2  | 171         | 115        | 0.01%        | 0.002%     |
| 25     | 4.784    | 1120       | 1123     | 1127      | rVB   | 173         | 134        | 0.02%        | 0.002%     |
| 26     | 4.852    | 1141       | 1144     | 1145      | rBV   | 190         | 81         | 0.01%        | 0.001%     |
| 27     | 4.890    | 1149       | 1156     | 1162      | rBV3  | 487         | 799        | 0.10%        | 0.013%     |
| 28     | 4.993    | 1184       | 1188     | 1194      | rVB3  | 683         | 660        | 0.08%        | 0.011%     |
| 29     | 5.144    | 1231       | 1235     | 1242      | rBV   | 382         | 492        | 0.06%        | 0.008%     |
| 30     | 5.212    | 1253       | 1256     | 1258      | rBV   | 214         | 156        | 0.02%        | 0.003%     |
| 31     | 5.250    | 1266       | 1268     | 1271      | rBV   | 173         | 139        | 0.02%        | 0.002%     |
| 32     | 5.337    | 1271       | 1295     | 1322      | rVV2  | 270073      | 781744     | 100.00%      | 12.637%    |
| 33     | 5.601    | 1371       | 1377     | 1379      | rBV   | 61          | 69         | 0.01%        | 0.001%     |
| 34     | 5.636    | 1385       | 1388     | 1391      | rBV2  | 169         | 141        | 0.02%        | 0.002%     |

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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\SOMULM122018WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 35 | 5.700 | 1404 | 1408 | 1410 | rVB  | 205    | 120    | 0.02%  | 0.002% |
| 36 | 5.729 | 1410 | 1417 | 1419 | rBV  | 122    | 127    | 0.02%  | 0.002% |
| 37 | 5.755 | 1422 | 1425 | 1431 | rVB2 | 301    | 214    | 0.03%  | 0.003% |
| 38 | 5.884 | 1450 | 1465 | 1485 | rBV  | 258664 | 506109 | 64.74% | 8.181% |
| 39 | 6.106 | 1531 | 1534 | 1539 | rBV2 | 245    | 236    | 0.03%  | 0.004% |
| 40 | 6.131 | 1539 | 1542 | 1545 | rBV2 | 210    | 163    | 0.02%  | 0.003% |
| 41 | 6.183 | 1553 | 1558 | 1559 | rBV2 | 419    | 278    | 0.04%  | 0.004% |
| 42 | 6.279 | 1585 | 1588 | 1590 | rBV  | 116    | 72     | 0.01%  | 0.001% |
| 43 | 6.331 | 1590 | 1604 | 1625 | rBV  | 180553 | 360222 | 46.08% | 5.823% |
| 44 | 6.437 | 1635 | 1637 | 1638 | rBV  | 252    | 143    | 0.02%  | 0.002% |
| 45 | 6.540 | 1666 | 1669 | 1674 | rBV  | 221    | 164    | 0.02%  | 0.003% |
| 46 | 6.617 | 1690 | 1693 | 1695 | rBV  | 170    | 70     | 0.01%  | 0.001% |
| 47 | 6.688 | 1712 | 1715 | 1719 | rBV2 | 194    | 168    | 0.02%  | 0.003% |
| 48 | 6.871 | 1769 | 1772 | 1777 | rVB2 | 225    | 202    | 0.03%  | 0.003% |
| 49 | 6.913 | 1782 | 1785 | 1789 | rVB2 | 166    | 130    | 0.02%  | 0.002% |
| 50 | 6.938 | 1789 | 1793 | 1795 | rBV  | 157    | 83     | 0.01%  | 0.001% |
| 51 | 7.009 | 1810 | 1815 | 1817 | rBV2 | 188    | 157    | 0.02%  | 0.003% |
| 52 | 7.022 | 1817 | 1819 | 1823 | rVV2 | 179    | 134    | 0.02%  | 0.002% |
| 53 | 7.061 | 1829 | 1831 | 1833 | rVB  | 192    | 86     | 0.01%  | 0.001% |
| 54 | 7.170 | 1863 | 1865 | 1870 | rVB  | 161    | 102    | 0.01%  | 0.002% |
| 55 | 7.224 | 1870 | 1882 | 1907 | rBV  | 101238 | 180793 | 23.13% | 2.922% |
| 56 | 7.392 | 1932 | 1934 | 1937 | rVB  | 166    | 71     | 0.01%  | 0.001% |
| 57 | 7.450 | 1950 | 1952 | 1953 | rBV  | 153    | 82     | 0.01%  | 0.001% |
| 58 | 7.514 | 1970 | 1972 | 1974 | rBV2 | 128    | 73     | 0.01%  | 0.001% |
| 59 | 7.565 | 1974 | 1988 | 2007 | rBV  | 351492 | 618043 | 79.06% | 9.990% |
| 60 | 7.848 | 2066 | 2076 | 2098 | rBV  | 72149  | 120217 | 15.38% | 1.943% |
| 61 | 7.999 | 2120 | 2123 | 2125 | rBV  | 202    | 122    | 0.02%  | 0.002% |
| 62 | 8.179 | 2168 | 2179 | 2184 | rBV3 | 2433   | 4097   | 0.52%  | 0.066% |
| 63 | 8.228 | 2184 | 2194 | 2208 | rVB  | 34216  | 58109  | 7.43%  | 0.939% |
| 64 | 8.308 | 2208 | 2219 | 2244 | rBV  | 282214 | 477701 | 61.11% | 7.722% |
| 65 | 8.604 | 2307 | 2311 | 2318 | rVB2 | 272    | 317    | 0.04%  | 0.005% |
| 66 | 8.713 | 2343 | 2345 | 2348 | rVB  | 173    | 76     | 0.01%  | 0.001% |
| 67 | 8.742 | 2350 | 2354 | 2358 | rVV2 | 193    | 187    | 0.02%  | 0.003% |
| 68 | 8.761 | 2358 | 2360 | 2362 | rVB  | 171    | 87     | 0.01%  | 0.001% |
| 69 | 8.781 | 2362 | 2366 | 2370 | rBV2 | 169    | 136    | 0.02%  | 0.002% |
| 70 | 8.880 | 2394 | 2397 | 2403 | rBV2 | 355    | 271    | 0.03%  | 0.004% |
| 71 | 8.916 | 2405 | 2408 | 2411 | rVB  | 178    | 94     | 0.01%  | 0.002% |

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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 >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.006  | 2433 | 2436 | 2439 | rBV  | 99     | 89     | 0.01%  | 0.001% |
| 73  | 9.089  | 2449 | 2462 | 2494 | rBV  | 353974 | 603593 | 77.21% | 9.757% |
| 74  | 9.253  | 2507 | 2513 | 2522 | rVB  | 1019   | 1553   | 0.20%  | 0.025% |
| 75  | 9.305  | 2527 | 2529 | 2532 | rVB  | 201    | 75     | 0.01%  | 0.001% |
| 76  | 9.379  | 2544 | 2552 | 2565 | rVB4 | 3007   | 4889   | 0.63%  | 0.079% |
| 77  | 9.543  | 2600 | 2603 | 2606 | rBV  | 131    | 87     | 0.01%  | 0.001% |
| 78  | 9.620  | 2625 | 2627 | 2629 | rVB  | 174    | 72     | 0.01%  | 0.001% |
| 79  | 9.636  | 2629 | 2632 | 2634 | rBV  | 254    | 122    | 0.02%  | 0.002% |
| 80  | 9.781  | 2672 | 2677 | 2688 | rVB3 | 523    | 801    | 0.10%  | 0.013% |
| 81  | 9.839  | 2693 | 2695 | 2698 | rVB  | 233    | 87     | 0.01%  | 0.001% |
| 82  | 10.015 | 2748 | 2750 | 2751 | rBV  | 235    | 98     | 0.01%  | 0.002% |
| 83  | 10.263 | 2824 | 2827 | 2829 | rBV  | 140    | 86     | 0.01%  | 0.001% |
| 84  | 10.382 | 2862 | 2864 | 2867 | rVB  | 217    | 100    | 0.01%  | 0.002% |
| 85  | 10.430 | 2867 | 2879 | 2901 | rBV  | 261790 | 412295 | 52.74% | 6.665% |
| 86  | 10.517 | 2901 | 2906 | 2908 | rBV  | 245    | 247    | 0.03%  | 0.004% |
| 87  | 10.565 | 2918 | 2921 | 2925 | rVB2 | 285    | 195    | 0.02%  | 0.003% |
| 88  | 10.604 | 2925 | 2933 | 2943 | rBV4 | 2366   | 4107   | 0.53%  | 0.066% |
| 89  | 10.658 | 2947 | 2950 | 2953 | rBV2 | 264    | 219    | 0.03%  | 0.004% |
| 90  | 10.884 | 3015 | 3020 | 3029 | rVB  | 268    | 286    | 0.04%  | 0.005% |
| 91  | 11.041 | 3066 | 3069 | 3073 | rBV  | 216    | 131    | 0.02%  | 0.002% |
| 92  | 11.118 | 3091 | 3093 | 3095 | rBV  | 140    | 77     | 0.01%  | 0.001% |
| 93  | 11.189 | 3112 | 3115 | 3116 | rBV  | 143    | 72     | 0.01%  | 0.001% |
| 94  | 11.199 | 3116 | 3118 | 3120 | rVV  | 260    | 97     | 0.01%  | 0.002% |
| 95  | 11.298 | 3145 | 3149 | 3153 | rBV2 | 286    | 191    | 0.02%  | 0.003% |
| 96  | 11.327 | 3153 | 3158 | 3162 | rBV4 | 640    | 688    | 0.09%  | 0.011% |
| 97  | 11.482 | 3194 | 3206 | 3226 | rBV  | 325899 | 515200 | 65.90% | 8.328% |
| 98  | 11.719 | 3277 | 3280 | 3284 | rVB3 | 305    | 230    | 0.03%  | 0.004% |
| 99  | 11.858 | 3310 | 3323 | 3341 | rBV  | 320495 | 519768 | 66.49% | 8.402% |
| 100 | 12.105 | 3397 | 3400 | 3403 | rBV2 | 222    | 158    | 0.02%  | 0.003% |

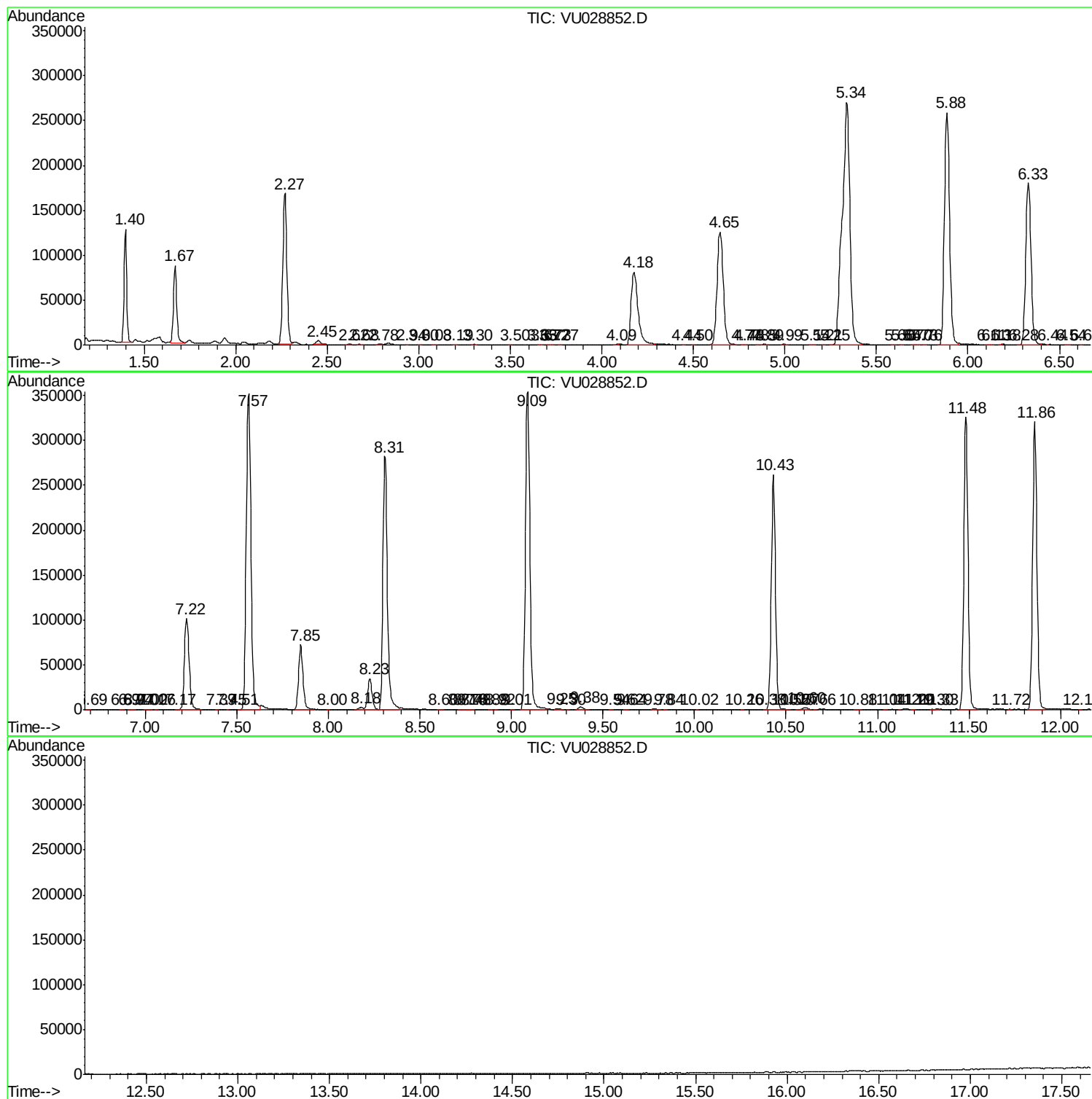
Sum of corrected areas: 6186377

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU122018\  
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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 Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |