

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\  
 Data File : VU036479.D  
 Acq On : 15 Jan 2020 19:04  
 Operator : JC/MD  
 Sample : L1139-05 100X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0D51

## 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\SOMULM011420WMA.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      | 1.616    | 78         | 86       | 96        | rBV   | 202121      | 217628     | 3.55%        | 0.882%     |
| 2      | 1.928    | 176        | 183      | 197       | rVB   | 172749      | 225495     | 3.68%        | 0.914%     |
| 3      | 2.594    | 377        | 390      | 403       | rBV   | 335870      | 553796     | 9.04%        | 2.244%     |
| 4      | 2.996    | 513        | 515      | 520       | rVV2  | 845         | 647        | 0.01%        | 0.003%     |
| 5      | 3.176    | 569        | 571      | 574       | rBV2  | 663         | 252        | 0.00%        | 0.001%     |
| 6      | 3.224    | 574        | 586      | 602       | rVV2  | 16826       | 38205      | 0.62%        | 0.155%     |
| 7      | 3.311    | 611        | 613      | 617       | rBV   | 567         | 286        | 0.00%        | 0.001%     |
| 8      | 3.356    | 624        | 627      | 630       | rBV3  | 622         | 347        | 0.01%        | 0.001%     |
| 9      | 3.488    | 665        | 668      | 670       | rBV   | 626         | 431        | 0.01%        | 0.002%     |
| 10     | 3.597    | 699        | 702      | 704       | rBV2  | 624         | 298        | 0.00%        | 0.001%     |
| 11     | 3.610    | 704        | 706      | 710       | rVV2  | 721         | 527        | 0.01%        | 0.002%     |
| 12     | 3.742    | 742        | 747      | 750       | rVB3  | 641         | 431        | 0.01%        | 0.002%     |
| 13     | 3.796    | 761        | 764      | 768       | rVB3  | 650         | 503        | 0.01%        | 0.002%     |
| 14     | 3.915    | 793        | 801      | 802       | rBV2  | 684         | 591        | 0.01%        | 0.002%     |
| 15     | 3.973    | 816        | 819      | 821       | rBV   | 529         | 319        | 0.01%        | 0.001%     |
| 16     | 4.018    | 831        | 833      | 837       | rVB   | 594         | 350        | 0.01%        | 0.001%     |
| 17     | 4.050    | 840        | 843      | 846       | rBV2  | 538         | 378        | 0.01%        | 0.002%     |
| 18     | 4.089    | 851        | 855      | 857       | rVB2  | 439         | 335        | 0.01%        | 0.001%     |
| 19     | 4.227    | 894        | 898      | 903       | rVB3  | 733         | 633        | 0.01%        | 0.003%     |
| 20     | 4.259    | 903        | 908      | 909       | rBV   | 500         | 419        | 0.01%        | 0.002%     |
| 21     | 4.366    | 936        | 941      | 943       | rBV   | 699         | 540        | 0.01%        | 0.002%     |
| 22     | 4.446    | 963        | 966      | 969       | rBV2  | 646         | 399        | 0.01%        | 0.002%     |
| 23     | 4.501    | 980        | 983      | 986       | rBV2  | 391         | 294        | 0.00%        | 0.001%     |
| 24     | 4.542    | 993        | 996      | 999       | rBV   | 783         | 576        | 0.01%        | 0.002%     |
| 25     | 4.571    | 999        | 1005     | 1007      | rVV4  | 1146        | 1181       | 0.02%        | 0.005%     |
| 26     | 4.677    | 1024       | 1038     | 1067      | rBV   | 170314      | 426804     | 6.97%        | 1.729%     |
| 27     | 4.964    | 1125       | 1127     | 1129      | rBV2  | 645         | 371        | 0.01%        | 0.002%     |
| 28     | 5.041    | 1149       | 1151     | 1154      | rBV2  | 663         | 432        | 0.01%        | 0.002%     |
| 29     | 5.112    | 1157       | 1173     | 1194      | rVV   | 315915      | 703862     | 11.49%       | 2.852%     |
| 30     | 5.301    | 1230       | 1232     | 1235      | rBV3  | 889         | 413        | 0.01%        | 0.002%     |
| 31     | 5.417    | 1265       | 1268     | 1271      | rBV4  | 1565        | 1265       | 0.02%        | 0.005%     |
| 32     | 5.629    | 1332       | 1334     | 1339      | rVB   | 429         | 269        | 0.00%        | 0.001%     |
| 33     | 5.655    | 1339       | 1342     | 1344      | rBV2  | 772         | 494        | 0.01%        | 0.002%     |
| 34     | 5.690    | 1349       | 1353     | 1355      | rBV3  | 699         | 456        | 0.01%        | 0.002%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM011420WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.767 | 1355 | 1377 | 1385 | rBV2 | 636649 | 1695153 | 27.67% | 6.869% |
| 36 | 6.288 | 1524 | 1539 | 1562 | rBV  | 562973 | 1061017 | 17.32% | 4.299% |
| 37 | 6.671 | 1656 | 1658 | 1662 | rBV4 | 556    | 256     | 0.00%  | 0.001% |
| 38 | 6.729 | 1662 | 1676 | 1697 | rBV  | 395850 | 778571  | 12.71% | 3.155% |
| 39 | 6.919 | 1732 | 1735 | 1739 | rVB4 | 996    | 656     | 0.01%  | 0.003% |
| 40 | 6.986 | 1753 | 1756 | 1760 | rVB3 | 1332   | 1064    | 0.02%  | 0.004% |
| 41 | 7.012 | 1760 | 1764 | 1766 | rBV3 | 860    | 629     | 0.01%  | 0.003% |
| 42 | 7.105 | 1790 | 1793 | 1794 | rBV2 | 424    | 253     | 0.00%  | 0.001% |
| 43 | 7.115 | 1794 | 1796 | 1800 | rVB  | 375    | 265     | 0.00%  | 0.001% |
| 44 | 7.176 | 1811 | 1815 | 1817 | rBV  | 540    | 347     | 0.01%  | 0.001% |
| 45 | 7.192 | 1817 | 1820 | 1823 | rBV3 | 797    | 715     | 0.01%  | 0.003% |
| 46 | 7.208 | 1823 | 1825 | 1827 | rBV3 | 981    | 547     | 0.01%  | 0.002% |
| 47 | 7.246 | 1835 | 1837 | 1840 | rVB2 | 643    | 292     | 0.00%  | 0.001% |
| 48 | 7.285 | 1847 | 1849 | 1852 | rBV2 | 459    | 298     | 0.00%  | 0.001% |
| 49 | 7.314 | 1855 | 1858 | 1860 | rVB2 | 550    | 265     | 0.00%  | 0.001% |
| 50 | 7.430 | 1891 | 1894 | 1896 | rBV  | 553    | 263     | 0.00%  | 0.001% |
| 51 | 7.475 | 1906 | 1908 | 1915 | rVB3 | 598    | 538     | 0.01%  | 0.002% |
| 52 | 7.600 | 1935 | 1947 | 1963 | rBV  | 240953 | 424664  | 6.93%  | 1.721% |
| 53 | 7.931 | 2036 | 2050 | 2066 | rBV  | 804263 | 1390584 | 22.70% | 5.635% |
| 54 | 8.156 | 2117 | 2120 | 2121 | rBV2 | 565    | 339     | 0.01%  | 0.001% |
| 55 | 8.211 | 2126 | 2137 | 2155 | rVV  | 170476 | 290799  | 4.75%  | 1.178% |
| 56 | 8.362 | 2182 | 2184 | 2188 | rVB2 | 1186   | 681     | 0.01%  | 0.003% |
| 57 | 8.410 | 2196 | 2199 | 2201 | rBV2 | 579    | 374     | 0.01%  | 0.002% |
| 58 | 8.468 | 2213 | 2217 | 2221 | rBV3 | 623    | 687     | 0.01%  | 0.003% |
| 59 | 8.497 | 2224 | 2226 | 2231 | rVB3 | 611    | 496     | 0.01%  | 0.002% |
| 60 | 8.558 | 2240 | 2245 | 2246 | rBV3 | 522    | 431     | 0.01%  | 0.002% |
| 61 | 8.668 | 2267 | 2279 | 2324 | rBV  | 452792 | 984283  | 16.07% | 3.988% |
| 62 | 8.873 | 2341 | 2343 | 2347 | rVB  | 765    | 367     | 0.01%  | 0.001% |
| 63 | 9.092 | 2408 | 2411 | 2416 | rVB4 | 658    | 517     | 0.01%  | 0.002% |
| 64 | 9.156 | 2428 | 2431 | 2434 | rVB3 | 949    | 603     | 0.01%  | 0.002% |
| 65 | 9.176 | 2434 | 2437 | 2438 | rBV  | 496    | 341     | 0.01%  | 0.001% |
| 66 | 9.234 | 2452 | 2455 | 2457 | rBV3 | 938    | 386     | 0.01%  | 0.002% |
| 67 | 9.246 | 2457 | 2459 | 2462 | rVB3 | 606    | 291     | 0.00%  | 0.001% |
| 68 | 9.266 | 2462 | 2465 | 2467 | rBV  | 786    | 413     | 0.01%  | 0.002% |
| 69 | 9.282 | 2467 | 2470 | 2474 | rVB2 | 461    | 315     | 0.01%  | 0.001% |
| 70 | 9.301 | 2474 | 2476 | 2477 | rBV2 | 536    | 256     | 0.00%  | 0.001% |
| 71 | 9.365 | 2494 | 2496 | 2498 | rBV  | 437    | 272     | 0.00%  | 0.001% |

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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\SOMULM011420WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 9.475  | 2506 | 2530 | 2566 | rBV2 | 2850652 | 6125805 | 100.00% | 24.823% |
| 73  | 9.793  | 2626 | 2629 | 2632 | rBV  | 784     | 500     | 0.01%   | 0.002%  |
| 74  | 9.851  | 2640 | 2647 | 2651 | rBV5 | 1185    | 1268    | 0.02%   | 0.005%  |
| 75  | 10.025 | 2696 | 2701 | 2702 | rBV2 | 786     | 569     | 0.01%   | 0.002%  |
| 76  | 10.089 | 2718 | 2721 | 2722 | rBV  | 405     | 258     | 0.00%   | 0.001%  |
| 77  | 10.343 | 2796 | 2800 | 2802 | rBV3 | 874     | 751     | 0.01%   | 0.003%  |
| 78  | 10.500 | 2846 | 2849 | 2854 | rVB4 | 867     | 690     | 0.01%   | 0.003%  |
| 79  | 10.578 | 2868 | 2873 | 2877 | rBV3 | 619     | 622     | 0.01%   | 0.003%  |
| 80  | 10.603 | 2877 | 2881 | 2884 | rVV2 | 500     | 328     | 0.01%   | 0.001%  |
| 81  | 10.661 | 2897 | 2899 | 2904 | rVB2 | 647     | 365     | 0.01%   | 0.001%  |
| 82  | 10.735 | 2918 | 2922 | 2924 | rBV2 | 769     | 561     | 0.01%   | 0.002%  |
| 83  | 10.783 | 2924 | 2937 | 2956 | rVV  | 543670  | 902691  | 14.74%  | 3.658%  |
| 84  | 11.098 | 3029 | 3035 | 3038 | rBV3 | 1142    | 1417    | 0.02%   | 0.006%  |
| 85  | 11.134 | 3043 | 3046 | 3049 | rVB2 | 1342    | 832     | 0.01%   | 0.003%  |
| 86  | 11.253 | 3076 | 3083 | 3086 | rBV4 | 888     | 1060    | 0.02%   | 0.004%  |
| 87  | 11.375 | 3119 | 3121 | 3125 | rVB3 | 664     | 404     | 0.01%   | 0.002%  |
| 88  | 11.401 | 3125 | 3129 | 3133 | rBV3 | 578     | 504     | 0.01%   | 0.002%  |
| 89  | 11.465 | 3146 | 3149 | 3151 | rBV  | 431     | 265     | 0.00%   | 0.001%  |
| 90  | 11.491 | 3151 | 3157 | 3160 | rBV5 | 1345    | 1643    | 0.03%   | 0.007%  |
| 91  | 11.700 | 3218 | 3222 | 3224 | rBV2 | 591     | 419     | 0.01%   | 0.002%  |
| 92  | 11.767 | 3232 | 3243 | 3253 | rBV  | 188113  | 312257  | 5.10%   | 1.265%  |
| 93  | 11.857 | 3254 | 3271 | 3289 | rVB2 | 1602045 | 3688554 | 60.21%  | 14.947% |
| 94  | 12.233 | 3369 | 3388 | 3407 | rBV2 | 2103140 | 4365389 | 71.26%  | 17.689% |
| 95  | 12.359 | 3425 | 3427 | 3431 | rBV4 | 912     | 645     | 0.01%   | 0.003%  |
| 96  | 12.632 | 3509 | 3512 | 3516 | rBV2 | 1027    | 906     | 0.01%   | 0.004%  |
| 97  | 12.819 | 3567 | 3570 | 3574 | rBV  | 949     | 749     | 0.01%   | 0.003%  |
| 98  | 12.963 | 3613 | 3615 | 3617 | rBV2 | 747     | 438     | 0.01%   | 0.002%  |
| 99  | 13.860 | 3883 | 3894 | 3908 | rVB2 | 217091  | 341794  | 5.58%   | 1.385%  |
| 100 | 14.349 | 4036 | 4046 | 4057 | rVB2 | 69202   | 109038  | 1.78%   | 0.442%  |

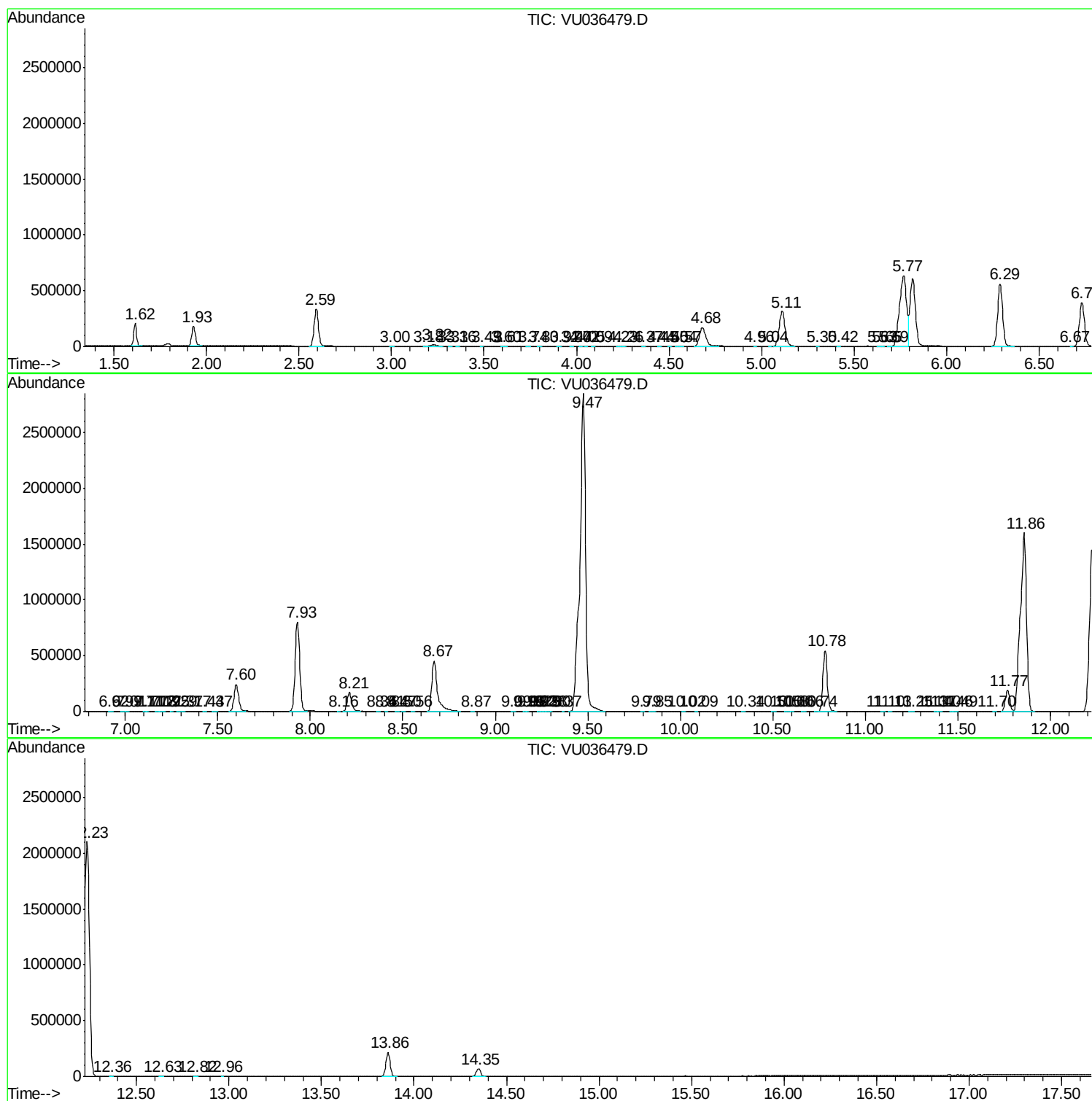
Sum of corrected areas: 24678177

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM011420WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU011520\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM011420WMA.M  
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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          |