

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\  
 Data File : VU037190.D  
 Acq On : 12 Mar 2020 15:49  
 Operator : JC/MD  
 Sample : VU0312WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK42

## 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\SOMULM031220WMA.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      | 1.533    | 56         | 60       | 67        | rBV2  | 4480        | 5518       | 0.30%        | 0.040%     |
| 2      | 1.613    | 77         | 85       | 97        | rBV   | 254413      | 265699     | 14.56%       | 1.904%     |
| 3      | 1.925    | 174        | 182      | 195       | rVB   | 191059      | 250163     | 13.71%       | 1.793%     |
| 4      | 2.591    | 376        | 389      | 404       | rBV   | 353384      | 577236     | 31.63%       | 4.137%     |
| 5      | 2.719    | 425        | 429      | 434       | rVV4  | 826         | 841        | 0.05%        | 0.006%     |
| 6      | 2.748    | 434        | 438      | 441       | rVB3  | 587         | 511        | 0.03%        | 0.004%     |
| 7      | 2.793    | 446        | 452      | 453       | rBV2  | 900         | 698        | 0.04%        | 0.005%     |
| 8      | 2.816    | 456        | 459      | 471       | rVB2  | 2622        | 3786       | 0.21%        | 0.027%     |
| 9      | 2.906    | 479        | 487      | 491       | rBV2  | 467         | 659        | 0.04%        | 0.005%     |
| 10     | 3.073    | 533        | 539      | 543       | rBV3  | 1295        | 1331       | 0.07%        | 0.010%     |
| 11     | 3.140    | 558        | 560      | 565       | rVB2  | 395         | 342        | 0.02%        | 0.002%     |
| 12     | 3.224    | 569        | 586      | 598       | rVV3  | 8920        | 19916      | 1.09%        | 0.143%     |
| 13     | 3.385    | 631        | 636      | 645       | rVB6  | 1142        | 1557       | 0.09%        | 0.011%     |
| 14     | 3.475    | 654        | 664      | 665       | rBV2  | 344         | 455        | 0.02%        | 0.003%     |
| 15     | 3.960    | 813        | 815      | 823       | rVB4  | 617         | 468        | 0.03%        | 0.003%     |
| 16     | 4.099    | 853        | 858      | 863       | rBV2  | 345         | 468        | 0.03%        | 0.003%     |
| 17     | 4.230    | 895        | 899      | 903       | rBV   | 487         | 338        | 0.02%        | 0.002%     |
| 18     | 4.259    | 905        | 908      | 914       | rVB3  | 490         | 454        | 0.02%        | 0.003%     |
| 19     | 4.510    | 981        | 986      | 992       | rVB2  | 264         | 346        | 0.02%        | 0.002%     |
| 20     | 4.542    | 992        | 996      | 998       | rBV2  | 463         | 379        | 0.02%        | 0.003%     |
| 21     | 4.562    | 998        | 1002     | 1005      | rVV2  | 759         | 599        | 0.03%        | 0.004%     |
| 22     | 4.587    | 1005       | 1010     | 1012      | rBV   | 405         | 338        | 0.02%        | 0.002%     |
| 23     | 4.665    | 1018       | 1034     | 1059      | rBV   | 179409      | 424141     | 23.24%       | 3.040%     |
| 24     | 4.992    | 1134       | 1136     | 1140      | rVB2  | 557         | 354        | 0.02%        | 0.003%     |
| 25     | 5.102    | 1153       | 1170     | 1195      | rBV   | 339630      | 738344     | 40.46%       | 5.292%     |
| 26     | 5.247    | 1213       | 1215     | 1220      | rVB3  | 443         | 360        | 0.02%        | 0.003%     |
| 27     | 5.292    | 1226       | 1229     | 1234      | rBV4  | 445         | 362        | 0.02%        | 0.003%     |
| 28     | 5.320    | 1234       | 1238     | 1242      | rBV4  | 999         | 915        | 0.05%        | 0.007%     |
| 29     | 5.587    | 1318       | 1321     | 1327      | rBV2  | 312         | 383        | 0.02%        | 0.003%     |
| 30     | 5.761    | 1352       | 1375     | 1409      | rBV2  | 676182      | 1824692    | 100.00%      | 13.078%    |
| 31     | 6.021    | 1454       | 1456     | 1459      | rBV2  | 606         | 339        | 0.02%        | 0.002%     |
| 32     | 6.282    | 1521       | 1537     | 1562      | rBV   | 567602      | 1070457    | 58.67%       | 7.672%     |
| 33     | 6.565    | 1616       | 1625     | 1633      | rVB10 | 2475        | 4080       | 0.22%        | 0.029%     |
| 34     | 6.623    | 1639       | 1643     | 1649      | rVB3  | 381         | 368        | 0.02%        | 0.003%     |

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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\SOMULM031220WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |        |         |        |         |
|----|--------|------|------|------|-------|--------|---------|--------|---------|
| 35 | 6.722  | 1659 | 1674 | 1694 | rBV   | 430698 | 838319  | 45.94% | 6.009%  |
| 36 | 6.832  | 1706 | 1708 | 1720 | rVB6  | 2354   | 3021    | 0.17%  | 0.022%  |
| 37 | 6.970  | 1746 | 1751 | 1757 | rBV3  | 608    | 879     | 0.05%  | 0.006%  |
| 38 | 7.147  | 1803 | 1806 | 1811 | rVB3  | 616    | 532     | 0.03%  | 0.004%  |
| 39 | 7.198  | 1818 | 1822 | 1825 | rBV2  | 460    | 486     | 0.03%  | 0.003%  |
| 40 | 7.214  | 1825 | 1827 | 1834 | rVV4  | 712    | 641     | 0.04%  | 0.005%  |
| 41 | 7.259  | 1837 | 1841 | 1845 | rVV3  | 397    | 365     | 0.02%  | 0.003%  |
| 42 | 7.404  | 1880 | 1886 | 1889 | rVB3  | 273    | 319     | 0.02%  | 0.002%  |
| 43 | 7.465  | 1901 | 1905 | 1907 | rBV2  | 421    | 320     | 0.02%  | 0.002%  |
| 44 | 7.594  | 1932 | 1945 | 1966 | rVV   | 254756 | 440607  | 24.15% | 3.158%  |
| 45 | 7.706  | 1976 | 1980 | 1984 | rBV4  | 511    | 562     | 0.03%  | 0.004%  |
| 46 | 7.822  | 2008 | 2016 | 2026 | rVB3  | 5034   | 8235    | 0.45%  | 0.059%  |
| 47 | 7.925  | 2033 | 2048 | 2063 | rBV   | 848938 | 1431601 | 78.46% | 10.261% |
| 48 | 8.156  | 2117 | 2120 | 2123 | rBV2  | 655    | 463     | 0.03%  | 0.003%  |
| 49 | 8.205  | 2123 | 2135 | 2157 | rVV   | 187053 | 318215  | 17.44% | 2.281%  |
| 50 | 8.330  | 2171 | 2174 | 2177 | rBV3  | 612    | 478     | 0.03%  | 0.003%  |
| 51 | 8.433  | 2199 | 2206 | 2209 | rBV2  | 529    | 537     | 0.03%  | 0.004%  |
| 52 | 8.481  | 2214 | 2221 | 2225 | rBV4  | 582    | 781     | 0.04%  | 0.006%  |
| 53 | 8.504  | 2225 | 2228 | 2234 | rVB3  | 590    | 516     | 0.03%  | 0.004%  |
| 54 | 8.578  | 2246 | 2251 | 2256 | rVB4  | 1282   | 1271    | 0.07%  | 0.009%  |
| 55 | 8.658  | 2263 | 2276 | 2319 | rBV   | 534438 | 985505  | 54.01% | 7.063%  |
| 56 | 8.941  | 2358 | 2364 | 2367 | rBV3  | 1099   | 1248    | 0.07%  | 0.009%  |
| 57 | 8.996  | 2378 | 2381 | 2387 | rVB4  | 513    | 376     | 0.02%  | 0.003%  |
| 58 | 9.057  | 2393 | 2400 | 2401 | rBV   | 465    | 364     | 0.02%  | 0.003%  |
| 59 | 9.160  | 2430 | 2432 | 2436 | rBV   | 459    | 333     | 0.02%  | 0.002%  |
| 60 | 9.372  | 2495 | 2498 | 2505 | rVB2  | 326    | 391     | 0.02%  | 0.003%  |
| 61 | 9.439  | 2505 | 2519 | 2551 | rBV   | 816793 | 1346283 | 73.78% | 9.649%  |
| 62 | 9.594  | 2561 | 2567 | 2568 | rBV2  | 1167   | 1046    | 0.06%  | 0.007%  |
| 63 | 9.713  | 2591 | 2604 | 2606 | rBV6  | 1674   | 2172    | 0.12%  | 0.016%  |
| 64 | 9.812  | 2631 | 2635 | 2639 | rBV2  | 430    | 382     | 0.02%  | 0.003%  |
| 65 | 9.983  | 2684 | 2688 | 2692 | rBV2  | 703    | 545     | 0.03%  | 0.004%  |
| 66 | 10.060 | 2707 | 2712 | 2718 | rVB2  | 400    | 516     | 0.03%  | 0.004%  |
| 67 | 10.124 | 2726 | 2732 | 2743 | rBV10 | 2443   | 4436    | 0.24%  | 0.032%  |
| 68 | 10.256 | 2770 | 2773 | 2776 | rVB2  | 535    | 346     | 0.02%  | 0.002%  |
| 69 | 10.455 | 2831 | 2835 | 2838 | rVV2  | 466    | 350     | 0.02%  | 0.003%  |
| 70 | 10.494 | 2842 | 2847 | 2848 | rBV2  | 735    | 624     | 0.03%  | 0.004%  |
| 71 | 10.565 | 2864 | 2869 | 2875 | rVB2  | 400    | 430     | 0.02%  | 0.003%  |

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 Start Thrs: 0.2  
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Filtering: 5  
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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\SOMULM031220WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.777 | 2922 | 2935 | 2950 | rBV  | 566326 | 920168  | 50.43% | 6.595% |
| 73  | 10.905 | 2972 | 2975 | 2980 | rBV4 | 426    | 384     | 0.02%  | 0.003% |
| 74  | 11.089 | 3029 | 3032 | 3033 | rBV  | 631    | 369     | 0.02%  | 0.003% |
| 75  | 11.105 | 3034 | 3037 | 3039 | rVV3 | 743    | 603     | 0.03%  | 0.004% |
| 76  | 11.211 | 3067 | 3070 | 3074 | rBV2 | 462    | 328     | 0.02%  | 0.002% |
| 77  | 11.426 | 3133 | 3137 | 3140 | rBV3 | 679    | 445     | 0.02%  | 0.003% |
| 78  | 11.487 | 3148 | 3156 | 3162 | rVV6 | 2417   | 3194    | 0.18%  | 0.023% |
| 79  | 11.700 | 3220 | 3222 | 3227 | rBV3 | 536    | 476     | 0.03%  | 0.003% |
| 80  | 11.758 | 3236 | 3240 | 3249 | rVB3 | 2957   | 3692    | 0.20%  | 0.026% |
| 81  | 11.828 | 3249 | 3262 | 3279 | rBV  | 689404 | 1137108 | 62.32% | 8.150% |
| 82  | 12.211 | 3367 | 3381 | 3397 | rBV  | 767848 | 1249571 | 68.48% | 8.956% |
| 83  | 12.291 | 3404 | 3406 | 3411 | rVB4 | 539    | 445     | 0.02%  | 0.003% |
| 84  | 13.204 | 3687 | 3690 | 3694 | rBV2 | 688    | 540     | 0.03%  | 0.004% |
| 85  | 13.240 | 3696 | 3701 | 3712 | rVB6 | 4748   | 7161    | 0.39%  | 0.051% |
| 86  | 13.687 | 3838 | 3840 | 3844 | rBV3 | 503    | 361     | 0.02%  | 0.003% |
| 87  | 13.745 | 3855 | 3858 | 3859 | rBV  | 588    | 316     | 0.02%  | 0.002% |
| 88  | 13.774 | 3864 | 3867 | 3870 | rVV3 | 518    | 388     | 0.02%  | 0.003% |
| 89  | 13.870 | 3890 | 3897 | 3907 | rBV7 | 7192   | 10239   | 0.56%  | 0.073% |
| 90  | 13.928 | 3910 | 3915 | 3917 | rBV2 | 1019   | 986     | 0.05%  | 0.007% |
| 91  | 14.118 | 3967 | 3974 | 3983 | rVB2 | 5791   | 8795    | 0.48%  | 0.063% |
| 92  | 14.198 | 3996 | 3999 | 4001 | rBV2 | 477    | 348     | 0.02%  | 0.002% |
| 93  | 14.365 | 4045 | 4051 | 4060 | rVB7 | 7463   | 11161   | 0.61%  | 0.080% |
| 94  | 14.481 | 4084 | 4087 | 4092 | rBV3 | 1065   | 953     | 0.05%  | 0.007% |
| 95  | 14.658 | 4137 | 4142 | 4143 | rBV3 | 915    | 702     | 0.04%  | 0.005% |
| 96  | 14.712 | 4156 | 4159 | 4161 | rBV3 | 676    | 360     | 0.02%  | 0.003% |
| 97  | 14.828 | 4191 | 4195 | 4198 | rBV4 | 1190   | 1038    | 0.06%  | 0.007% |
| 98  | 14.860 | 4203 | 4205 | 4208 | rBV  | 931    | 416     | 0.02%  | 0.003% |
| 99  | 14.950 | 4231 | 4233 | 4237 | rBV3 | 1031   | 604     | 0.03%  | 0.004% |
| 100 | 15.015 | 4250 | 4253 | 4255 | rBV3 | 1052   | 633     | 0.03%  | 0.005% |

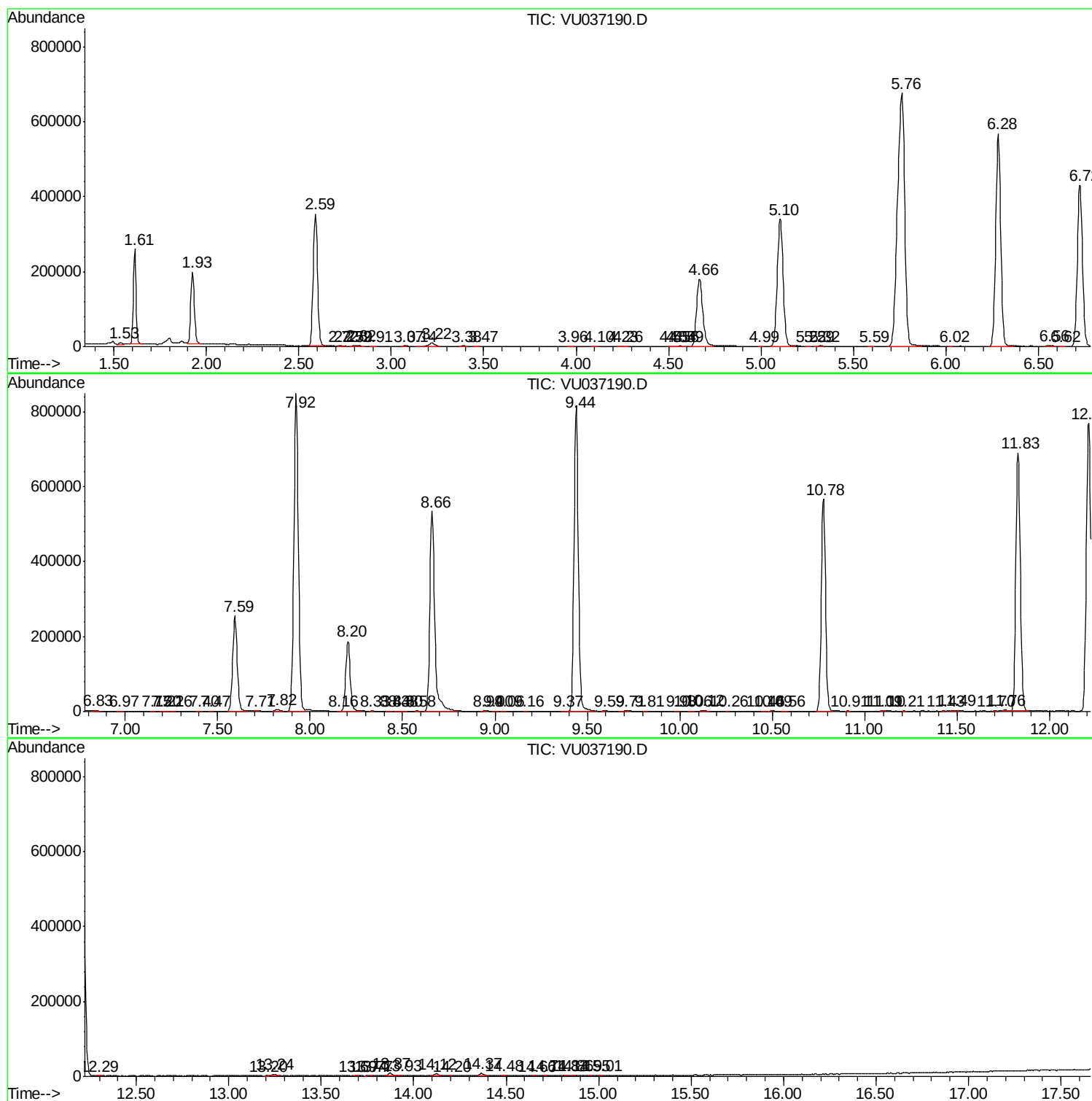
Sum of corrected areas: 13952176

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.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  
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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          |