

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\  
 Data File : VU038713.D  
 Acq On : 09 Jun 2020 11:02  
 Operator : SY/MD  
 Sample : L2913-13  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9E55

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\SOMULM060820WMA.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         | 1.614       | 78            | 85          | 96           | rVB      | 318281         | 350814        | 13.57%          | 1.720%        |
| 2         | 1.929       | 175           | 183         | 201          | rVB      | 242808         | 314738        | 12.17%          | 1.544%        |
| 3         | 2.591       | 377           | 389         | 403          | rBV      | 558022         | 934897        | 36.16%          | 4.585%        |
| 4         | 3.170       | 560           | 569         | 577          | rBV5     | 2693           | 4874          | 0.19%           | 0.024%        |
| 5         | 3.295       | 607           | 608         | 615          | rBV3     | 307            | 324           | 0.01%           | 0.002%        |
| 6         | 3.340       | 620           | 622         | 627          | rBV2     | 285            | 266           | 0.01%           | 0.001%        |
| 7         | 3.385       | 629           | 636         | 637          | rBV4     | 554            | 586           | 0.02%           | 0.003%        |
| 8         | 3.472       | 661           | 663         | 665          | rBV2     | 241            | 120           | 0.00%           | 0.001%        |
| 9         | 3.565       | 690           | 692         | 695          | rVB      | 290            | 128           | 0.00%           | 0.001%        |
| 10        | 3.591       | 695           | 700         | 703          | rBV      | 597            | 398           | 0.02%           | 0.002%        |
| 11        | 3.658       | 719           | 721         | 725          | rBV2     | 373            | 202           | 0.01%           | 0.001%        |
| 12        | 3.675       | 725           | 726         | 729          | rVB      | 243            | 96            | 0.00%           | 0.000%        |
| 13        | 3.694       | 729           | 732         | 735          | rBV2     | 395            | 248           | 0.01%           | 0.001%        |
| 14        | 3.755       | 745           | 751         | 758          | rBV2     | 460            | 682           | 0.03%           | 0.003%        |
| 15        | 3.848       | 775           | 780         | 784          | rBV2     | 465            | 483           | 0.02%           | 0.002%        |
| 16        | 3.896       | 791           | 795         | 797          | rBV      | 277            | 196           | 0.01%           | 0.001%        |
| 17        | 3.913       | 797           | 800         | 803          | rBV3     | 326            | 244           | 0.01%           | 0.001%        |
| 18        | 3.932       | 804           | 806         | 807          | rBV      | 300            | 124           | 0.00%           | 0.001%        |
| 19        | 3.974       | 816           | 819         | 821          | rVB2     | 178            | 99            | 0.00%           | 0.000%        |
| 20        | 4.025       | 833           | 835         | 839          | rVB      | 381            | 203           | 0.01%           | 0.001%        |
| 21        | 4.054       | 841           | 844         | 846          | rBV2     | 407            | 299           | 0.01%           | 0.001%        |
| 22        | 4.118       | 860           | 864         | 867          | rBV2     | 467            | 357           | 0.01%           | 0.002%        |
| 23        | 4.163       | 876           | 878         | 879          | rBV2     | 281            | 103           | 0.00%           | 0.001%        |
| 24        | 4.195       | 886           | 888         | 891          | rBV      | 193            | 141           | 0.01%           | 0.001%        |
| 25        | 4.212       | 891           | 893         | 896          | rVV2     | 406            | 278           | 0.01%           | 0.001%        |
| 26        | 4.228       | 896           | 898         | 902          | rVB2     | 445            | 273           | 0.01%           | 0.001%        |
| 27        | 4.302       | 919           | 921         | 924          | rBV2     | 255            | 147           | 0.01%           | 0.001%        |
| 28        | 4.334       | 928           | 931         | 934          | rBV2     | 434            | 359           | 0.01%           | 0.002%        |
| 29        | 4.408       | 947           | 954         | 960          | rBV3     | 572            | 838           | 0.03%           | 0.004%        |
| 30        | 4.443       | 963           | 965         | 966          | rBV      | 211            | 63            | 0.00%           | 0.000%        |
| 31        | 4.453       | 966           | 968         | 972          | rVB2     | 464            | 230           | 0.01%           | 0.001%        |
| 32        | 4.475       | 972           | 975         | 976          | rBV      | 269            | 176           | 0.01%           | 0.001%        |
| 33        | 4.530       | 988           | 992         | 996          | rVB2     | 460            | 306           | 0.01%           | 0.002%        |
| 34        | 4.565       | 996           | 1003        | 1004         | rBV2     | 1197           | 922           | 0.04%           | 0.005%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |         |         |
|----|-------|------|------|------|------|---------|---------|---------|---------|
| 35 | 4.665 | 1017 | 1034 | 1076 | rBV  | 273861  | 691980  | 26.76%  | 3.394%  |
| 36 | 4.842 | 1080 | 1089 | 1108 | rVB2 | 26620   | 59082   | 2.28%   | 0.290%  |
| 37 | 4.986 | 1131 | 1134 | 1139 | rVB2 | 446     | 251     | 0.01%   | 0.001%  |
| 38 | 5.102 | 1151 | 1170 | 1191 | rBV  | 451280  | 976235  | 37.76%  | 4.788%  |
| 39 | 5.205 | 1199 | 1202 | 1206 | rBV3 | 942     | 602     | 0.02%   | 0.003%  |
| 40 | 5.231 | 1206 | 1210 | 1211 | rBV3 | 518     | 330     | 0.01%   | 0.002%  |
| 41 | 5.282 | 1221 | 1226 | 1227 | rBV3 | 676     | 537     | 0.02%   | 0.003%  |
| 42 | 5.498 | 1291 | 1293 | 1295 | rBV  | 247     | 102     | 0.00%   | 0.001%  |
| 43 | 5.533 | 1301 | 1304 | 1305 | rBV2 | 237     | 135     | 0.01%   | 0.001%  |
| 44 | 5.642 | 1335 | 1338 | 1341 | rBV2 | 415     | 263     | 0.01%   | 0.001%  |
| 45 | 5.758 | 1349 | 1374 | 1387 | rBV2 | 964771  | 2585653 | 100.00% | 12.680% |
| 46 | 6.279 | 1521 | 1536 | 1569 | rBV  | 802892  | 1562797 | 60.44%  | 7.664%  |
| 47 | 6.523 | 1609 | 1612 | 1613 | rBV2 | 562     | 331     | 0.01%   | 0.002%  |
| 48 | 6.562 | 1614 | 1624 | 1641 | rBV6 | 7655    | 21716   | 0.84%   | 0.106%  |
| 49 | 6.719 | 1658 | 1673 | 1691 | rBV  | 579817  | 1114191 | 43.09%  | 5.464%  |
| 50 | 6.871 | 1718 | 1720 | 1723 | rBV4 | 532     | 292     | 0.01%   | 0.001%  |
| 51 | 6.925 | 1734 | 1737 | 1739 | rBV2 | 498     | 253     | 0.01%   | 0.001%  |
| 52 | 6.951 | 1742 | 1745 | 1746 | rBV2 | 578     | 280     | 0.01%   | 0.001%  |
| 53 | 6.986 | 1752 | 1756 | 1758 | rBV4 | 446     | 366     | 0.01%   | 0.002%  |
| 54 | 7.064 | 1775 | 1780 | 1782 | rBV  | 523     | 420     | 0.02%   | 0.002%  |
| 55 | 7.102 | 1791 | 1792 | 1794 | rVB2 | 357     | 74      | 0.00%   | 0.000%  |
| 56 | 7.186 | 1815 | 1818 | 1819 | rBV  | 469     | 257     | 0.01%   | 0.001%  |
| 57 | 7.202 | 1819 | 1823 | 1834 | rVB6 | 2251    | 3415    | 0.13%   | 0.017%  |
| 58 | 7.256 | 1834 | 1840 | 1844 | rBV2 | 359     | 344     | 0.01%   | 0.002%  |
| 59 | 7.276 | 1844 | 1846 | 1848 | rBV  | 253     | 150     | 0.01%   | 0.001%  |
| 60 | 7.379 | 1872 | 1878 | 1880 | rBV  | 546     | 463     | 0.02%   | 0.002%  |
| 61 | 7.440 | 1895 | 1897 | 1899 | rBV  | 285     | 172     | 0.01%   | 0.001%  |
| 62 | 7.478 | 1902 | 1909 | 1913 | rBV3 | 343     | 509     | 0.02%   | 0.002%  |
| 63 | 7.514 | 1917 | 1920 | 1927 | rVB  | 631     | 564     | 0.02%   | 0.003%  |
| 64 | 7.588 | 1927 | 1943 | 1961 | rBV  | 311134  | 557088  | 21.55%  | 2.732%  |
| 65 | 7.781 | 2001 | 2003 | 2004 | rBV  | 283     | 102     | 0.00%   | 0.001%  |
| 66 | 7.816 | 2009 | 2014 | 2022 | rVB4 | 1840    | 2370    | 0.09%   | 0.012%  |
| 67 | 7.922 | 2029 | 2047 | 2062 | rBV  | 1160188 | 2057604 | 79.58%  | 10.091% |
| 68 | 8.147 | 2114 | 2117 | 2121 | rVB  | 300     | 247     | 0.01%   | 0.001%  |
| 69 | 8.198 | 2121 | 2133 | 2151 | rBV  | 220391  | 375567  | 14.53%  | 1.842%  |
| 70 | 8.395 | 2190 | 2194 | 2198 | rBV4 | 516     | 569     | 0.02%   | 0.003%  |
| 71 | 8.533 | 2233 | 2237 | 2239 | rBV2 | 361     | 264     | 0.01%   | 0.001%  |

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 Start Thrs: 0.2  
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 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\SOMULM060820WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 8.655  | 2261 | 2275 | 2305 | rBV  | 877854  | 1559012 | 60.29% | 7.646% |
| 73  | 8.938  | 2356 | 2363 | 2364 | rBV5 | 1003    | 1122    | 0.04%  | 0.006% |
| 74  | 8.964  | 2369 | 2371 | 2374 | rVB2 | 742     | 307     | 0.01%  | 0.002% |
| 75  | 8.977  | 2374 | 2375 | 2376 | rBV  | 389     | 101     | 0.00%  | 0.000% |
| 76  | 9.041  | 2393 | 2395 | 2397 | rVB2 | 453     | 201     | 0.01%  | 0.001% |
| 77  | 9.153  | 2428 | 2430 | 2431 | rBV2 | 353     | 145     | 0.01%  | 0.001% |
| 78  | 9.231  | 2453 | 2454 | 2455 | rBV  | 323     | 63      | 0.00%  | 0.000% |
| 79  | 9.243  | 2455 | 2458 | 2459 | rBV  | 178     | 103     | 0.00%  | 0.001% |
| 80  | 9.301  | 2473 | 2476 | 2479 | rBV2 | 339     | 210     | 0.01%  | 0.001% |
| 81  | 9.433  | 2504 | 2517 | 2554 | rBV  | 1139067 | 1961756 | 75.87% | 9.621% |
| 82  | 9.588  | 2556 | 2565 | 2577 | rVV  | 19543   | 29888   | 1.16%  | 0.147% |
| 83  | 9.790  | 2620 | 2628 | 2637 | rBV7 | 2015    | 3613    | 0.14%  | 0.018% |
| 84  | 9.845  | 2637 | 2645 | 2652 | rBV6 | 7691    | 12743   | 0.49%  | 0.062% |
| 85  | 10.022 | 2697 | 2700 | 2707 | rBV2 | 579     | 583     | 0.02%  | 0.003% |
| 86  | 10.073 | 2710 | 2716 | 2720 | rBV6 | 965     | 967     | 0.04%  | 0.005% |
| 87  | 10.118 | 2722 | 2730 | 2741 | rVB5 | 4925    | 7497    | 0.29%  | 0.037% |
| 88  | 10.295 | 2777 | 2785 | 2789 | rBV6 | 1609    | 1967    | 0.08%  | 0.010% |
| 89  | 10.378 | 2803 | 2811 | 2819 | rVB5 | 2745    | 3988    | 0.15%  | 0.020% |
| 90  | 10.446 | 2824 | 2832 | 2839 | rVB6 | 2388    | 3832    | 0.15%  | 0.019% |
| 91  | 10.504 | 2845 | 2850 | 2852 | rBV3 | 455     | 475     | 0.02%  | 0.002% |
| 92  | 10.723 | 2917 | 2918 | 2919 | rBV3 | 304     | 108     | 0.00%  | 0.001% |
| 93  | 10.771 | 2919 | 2933 | 2952 | rVV  | 778311  | 1257659 | 48.64% | 6.168% |
| 94  | 10.948 | 2981 | 2988 | 2999 | rVB8 | 4411    | 7333    | 0.28%  | 0.036% |
| 95  | 11.073 | 3026 | 3027 | 3028 | rBV8 | 498     | 172     | 0.01%  | 0.001% |
| 96  | 11.198 | 3062 | 3066 | 3069 | rBV  | 570     | 429     | 0.02%  | 0.002% |
| 97  | 11.288 | 3091 | 3094 | 3097 | rBV4 | 1081    | 657     | 0.03%  | 0.003% |
| 98  | 11.822 | 3247 | 3260 | 3276 | rBV  | 1245465 | 1939061 | 74.99% | 9.509% |
| 99  | 12.083 | 3327 | 3341 | 3359 | rBV5 | 20928   | 46948   | 1.82%  | 0.230% |
| 100 | 12.205 | 3366 | 3379 | 3394 | rVB  | 1193217 | 1920420 | 74.27% | 9.418% |

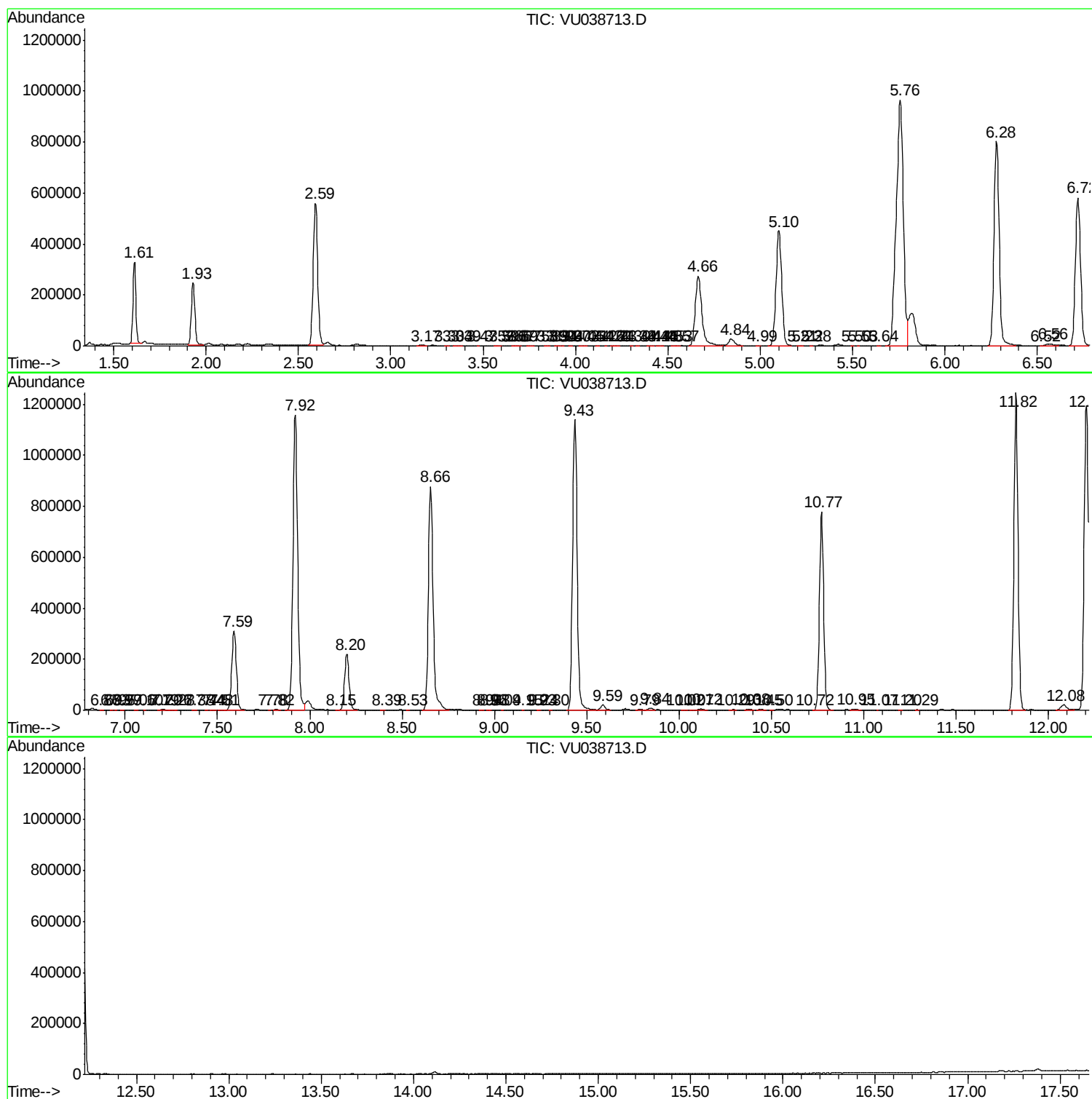
Sum of corrected areas: 20391149

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU060920\  
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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          |