

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\  
 Data File : VU036627.D  
 Acq On : 30 Jan 2020 18:48  
 Operator : JC/MD  
 Sample : L1322-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XS5

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\SOMULM012920WMA.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         | 1.613       | 78            | 85          | 96           | rBV      | 128679         | 134472        | 13.85%          | 1.523%        |
| 2         | 1.932       | 176           | 184         | 196          | rVB      | 106316         | 136262        | 14.03%          | 1.544%        |
| 3         | 2.160       | 246           | 255         | 269          | rVB      | 76903          | 113721        | 11.71%          | 1.288%        |
| 4         | 2.594       | 377           | 390         | 407          | rBV      | 196935         | 322067        | 33.16%          | 3.648%        |
| 5         | 2.915       | 484           | 490         | 493          | rBV3     | 261            | 290           | 0.03%           | 0.003%        |
| 6         | 3.514       | 673           | 676         | 682          | rBV2     | 165            | 142           | 0.01%           | 0.002%        |
| 7         | 3.967       | 813           | 817         | 820          | rBV      | 112            | 81            | 0.01%           | 0.001%        |
| 8         | 3.983       | 820           | 822         | 826          | rVB      | 92             | 56            | 0.01%           | 0.001%        |
| 9         | 4.182       | 883           | 884         | 887          | rVB      | 165            | 74            | 0.01%           | 0.001%        |
| 10        | 4.272       | 908           | 912         | 919          | rBV2     | 157            | 157           | 0.02%           | 0.002%        |
| 11        | 4.333       | 928           | 931         | 934          | rBV      | 107            | 77            | 0.01%           | 0.001%        |
| 12        | 4.356       | 934           | 938         | 943          | rBV      | 102            | 119           | 0.01%           | 0.001%        |
| 13        | 4.398       | 948           | 951         | 957          | rVB2     | 172            | 146           | 0.02%           | 0.002%        |
| 14        | 4.472       | 970           | 974         | 977          | rBV      | 134            | 144           | 0.01%           | 0.002%        |
| 15        | 4.510       | 984           | 986         | 990          | rVB      | 150            | 69            | 0.01%           | 0.001%        |
| 16        | 4.571       | 1001          | 1005        | 1008         | rBV      | 101            | 100           | 0.01%           | 0.001%        |
| 17        | 4.677       | 1023          | 1038        | 1065         | rBV      | 98011          | 237404        | 24.44%          | 2.689%        |
| 18        | 4.986       | 1132          | 1134        | 1135         | rVB      | 205            | 60            | 0.01%           | 0.001%        |
| 19        | 5.012       | 1138          | 1142        | 1144         | rVB      | 296            | 154           | 0.02%           | 0.002%        |
| 20        | 5.025       | 1145          | 1146        | 1148         | rBV      | 107            | 57            | 0.01%           | 0.001%        |
| 21        | 5.108       | 1153          | 1172        | 1194         | rBV      | 163945         | 367407        | 37.83%          | 4.162%        |
| 22        | 5.218       | 1203          | 1206        | 1211         | rVB2     | 338            | 207           | 0.02%           | 0.002%        |
| 23        | 5.243       | 1211          | 1214        | 1216         | rBV      | 271            | 124           | 0.01%           | 0.001%        |
| 24        | 5.301       | 1229          | 1232        | 1236         | rBV2     | 272            | 275           | 0.03%           | 0.003%        |
| 25        | 5.333       | 1236          | 1242        | 1249         | rVB2     | 632            | 948           | 0.10%           | 0.011%        |
| 26        | 5.382       | 1254          | 1257        | 1259         | rBV      | 197            | 85            | 0.01%           | 0.001%        |
| 27        | 5.417       | 1262          | 1268        | 1274         | rVB2     | 475            | 605           | 0.06%           | 0.007%        |
| 28        | 5.443       | 1274          | 1276        | 1278         | rBV      | 136            | 75            | 0.01%           | 0.001%        |
| 29        | 5.507       | 1293          | 1296        | 1298         | rBV      | 176            | 85            | 0.01%           | 0.001%        |
| 30        | 5.520       | 1298          | 1300        | 1303         | rVV      | 137            | 88            | 0.01%           | 0.001%        |
| 31        | 5.568       | 1306          | 1315        | 1323         | rVB4     | 1882           | 3316          | 0.34%           | 0.038%        |
| 32        | 5.661       | 1340          | 1344        | 1348         | rBV      | 108            | 114           | 0.01%           | 0.001%        |
| 33        | 5.767       | 1354          | 1377        | 1399         | rBV2     | 378330         | 971207        | 100.00%         | 11.002%       |
| 34        | 6.018       | 1453          | 1455        | 1457         | rBV2     | 175            | 74            | 0.01%           | 0.001%        |

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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\SOMULM012920WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 35 | 6.153 | 1493 | 1497 | 1503 | rVB2 | 353    | 401    | 0.04%  | 0.005% |
| 36 | 6.195 | 1507 | 1510 | 1512 | rBV2 | 153    | 109    | 0.01%  | 0.001% |
| 37 | 6.230 | 1518 | 1521 | 1523 | rBV  | 99     | 62     | 0.01%  | 0.001% |
| 38 | 6.288 | 1523 | 1539 | 1563 | rBV  | 355037 | 660692 | 68.03% | 7.484% |
| 39 | 6.578 | 1619 | 1629 | 1640 | rBV6 | 9059   | 16740  | 1.72%  | 0.190% |
| 40 | 6.729 | 1662 | 1676 | 1695 | rBV  | 221601 | 426216 | 43.89% | 4.828% |
| 41 | 6.919 | 1729 | 1735 | 1737 | rBV  | 195    | 152    | 0.02%  | 0.002% |
| 42 | 6.935 | 1737 | 1740 | 1744 | rVB  | 71     | 56     | 0.01%  | 0.001% |
| 43 | 6.983 | 1752 | 1755 | 1758 | rBV  | 89     | 67     | 0.01%  | 0.001% |
| 44 | 7.018 | 1763 | 1766 | 1770 | rBV  | 189    | 125    | 0.01%  | 0.001% |
| 45 | 7.082 | 1782 | 1786 | 1788 | rBV  | 146    | 77     | 0.01%  | 0.001% |
| 46 | 7.218 | 1819 | 1828 | 1839 | rVB4 | 1598   | 2781   | 0.29%  | 0.032% |
| 47 | 7.295 | 1848 | 1852 | 1855 | rBV  | 63     | 60     | 0.01%  | 0.001% |
| 48 | 7.388 | 1878 | 1881 | 1886 | rVB  | 100    | 66     | 0.01%  | 0.001% |
| 49 | 7.600 | 1933 | 1947 | 1968 | rBV  | 127088 | 222235 | 22.88% | 2.518% |
| 50 | 7.800 | 2006 | 2009 | 2012 | rVB2 | 164    | 97     | 0.01%  | 0.001% |
| 51 | 7.928 | 2035 | 2049 | 2086 | rVV  | 482777 | 837763 | 86.26% | 9.490% |
| 52 | 8.156 | 2116 | 2120 | 2121 | rBV  | 161    | 65     | 0.01%  | 0.001% |
| 53 | 8.211 | 2125 | 2137 | 2152 | rBV  | 87628  | 147179 | 15.15% | 1.667% |
| 54 | 8.436 | 2200 | 2207 | 2213 | rBV3 | 713    | 741    | 0.08%  | 0.008% |
| 55 | 8.500 | 2218 | 2227 | 2236 | rVB2 | 1697   | 2768   | 0.29%  | 0.031% |
| 56 | 8.581 | 2239 | 2252 | 2267 | rBV  | 515190 | 865896 | 89.16% | 9.809% |
| 57 | 8.668 | 2268 | 2279 | 2326 | rVV  | 293115 | 571518 | 58.85% | 6.474% |
| 58 | 8.832 | 2326 | 2330 | 2337 | rVB2 | 218    | 198    | 0.02%  | 0.002% |
| 59 | 8.931 | 2359 | 2361 | 2365 | rBV  | 166    | 88     | 0.01%  | 0.001% |
| 60 | 9.028 | 2385 | 2391 | 2393 | rBV  | 90     | 87     | 0.01%  | 0.001% |
| 61 | 9.041 | 2393 | 2395 | 2398 | rVV  | 127    | 79     | 0.01%  | 0.001% |
| 62 | 9.118 | 2416 | 2419 | 2423 | rBV  | 115    | 73     | 0.01%  | 0.001% |
| 63 | 9.143 | 2425 | 2427 | 2431 | rVB  | 165    | 82     | 0.01%  | 0.001% |
| 64 | 9.446 | 2507 | 2521 | 2555 | rVB  | 475998 | 794142 | 81.77% | 8.996% |
| 65 | 9.587 | 2564 | 2565 | 2566 | rBV  | 242    | 85     | 0.01%  | 0.001% |
| 66 | 9.623 | 2574 | 2576 | 2582 | rVB2 | 190    | 151    | 0.02%  | 0.002% |
| 67 | 9.661 | 2586 | 2588 | 2592 | rBV  | 169    | 96     | 0.01%  | 0.001% |
| 68 | 9.719 | 2600 | 2606 | 2611 | rVB2 | 419    | 506    | 0.05%  | 0.006% |
| 69 | 9.819 | 2635 | 2637 | 2645 | rVV  | 124    | 127    | 0.01%  | 0.001% |
| 70 | 9.857 | 2646 | 2649 | 2652 | rVB  | 119    | 68     | 0.01%  | 0.001% |
| 71 | 9.925 | 2666 | 2670 | 2674 | rBV  | 84     | 95     | 0.01%  | 0.001% |

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 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\SOMULM012920WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.060 | 2708 | 2712 | 2714 | rBV  | 73     | 64     | 0.01%  | 0.001% |
| 73  | 10.124 | 2729 | 2732 | 2734 | rBV2 | 169    | 119    | 0.01%  | 0.001% |
| 74  | 10.172 | 2744 | 2747 | 2750 | rBV  | 120    | 82     | 0.01%  | 0.001% |
| 75  | 10.250 | 2768 | 2771 | 2775 | rBV  | 89     | 61     | 0.01%  | 0.001% |
| 76  | 10.269 | 2775 | 2777 | 2778 | rBV  | 131    | 55     | 0.01%  | 0.001% |
| 77  | 10.333 | 2795 | 2797 | 2799 | rBV  | 125    | 66     | 0.01%  | 0.001% |
| 78  | 10.639 | 2889 | 2892 | 2897 | rVB  | 104    | 72     | 0.01%  | 0.001% |
| 79  | 10.780 | 2924 | 2936 | 2957 | rVB  | 324941 | 527837 | 54.35% | 5.979% |
| 80  | 10.883 | 2965 | 2968 | 2970 | rBV  | 265    | 175    | 0.02%  | 0.002% |
| 81  | 11.018 | 3007 | 3010 | 3017 | rVB2 | 232    | 211    | 0.02%  | 0.002% |
| 82  | 11.050 | 3017 | 3020 | 3024 | rBV2 | 177    | 178    | 0.02%  | 0.002% |
| 83  | 11.250 | 3080 | 3082 | 3086 | rVB  | 171    | 71     | 0.01%  | 0.001% |
| 84  | 11.278 | 3088 | 3091 | 3093 | rBV  | 175    | 114    | 0.01%  | 0.001% |
| 85  | 11.378 | 3119 | 3122 | 3125 | rBV  | 168    | 87     | 0.01%  | 0.001% |
| 86  | 11.491 | 3151 | 3157 | 3165 | rVB3 | 531    | 692    | 0.07%  | 0.008% |
| 87  | 11.532 | 3168 | 3170 | 3173 | rVB  | 176    | 77     | 0.01%  | 0.001% |
| 88  | 11.719 | 3225 | 3228 | 3230 | rBV  | 188    | 125    | 0.01%  | 0.001% |
| 89  | 11.748 | 3234 | 3237 | 3241 | rVB  | 181    | 106    | 0.01%  | 0.001% |
| 90  | 11.793 | 3249 | 3251 | 3252 | rBV  | 251    | 126    | 0.01%  | 0.001% |
| 91  | 11.835 | 3252 | 3264 | 3282 | rVB  | 450528 | 729997 | 75.16% | 8.270% |
| 92  | 12.089 | 3334 | 3343 | 3352 | rVB4 | 1168   | 1727   | 0.18%  | 0.020% |
| 93  | 12.124 | 3352 | 3354 | 3356 | rBV  | 162    | 55     | 0.01%  | 0.001% |
| 94  | 12.214 | 3369 | 3382 | 3398 | rVB  | 437201 | 718626 | 73.99% | 8.141% |
| 95  | 12.365 | 3426 | 3429 | 3431 | rBV  | 214    | 161    | 0.02%  | 0.002% |
| 96  | 12.471 | 3459 | 3462 | 3464 | rBV  | 163    | 92     | 0.01%  | 0.001% |
| 97  | 13.237 | 3697 | 3700 | 3701 | rBV  | 244    | 135    | 0.01%  | 0.002% |
| 98  | 13.365 | 3737 | 3740 | 3742 | rBV  | 265    | 179    | 0.02%  | 0.002% |
| 99  | 13.966 | 3924 | 3927 | 3935 | rBV3 | 268    | 362    | 0.04%  | 0.004% |
| 100 | 14.108 | 3959 | 3971 | 3980 | rBV  | 2275   | 3817   | 0.39%  | 0.043% |

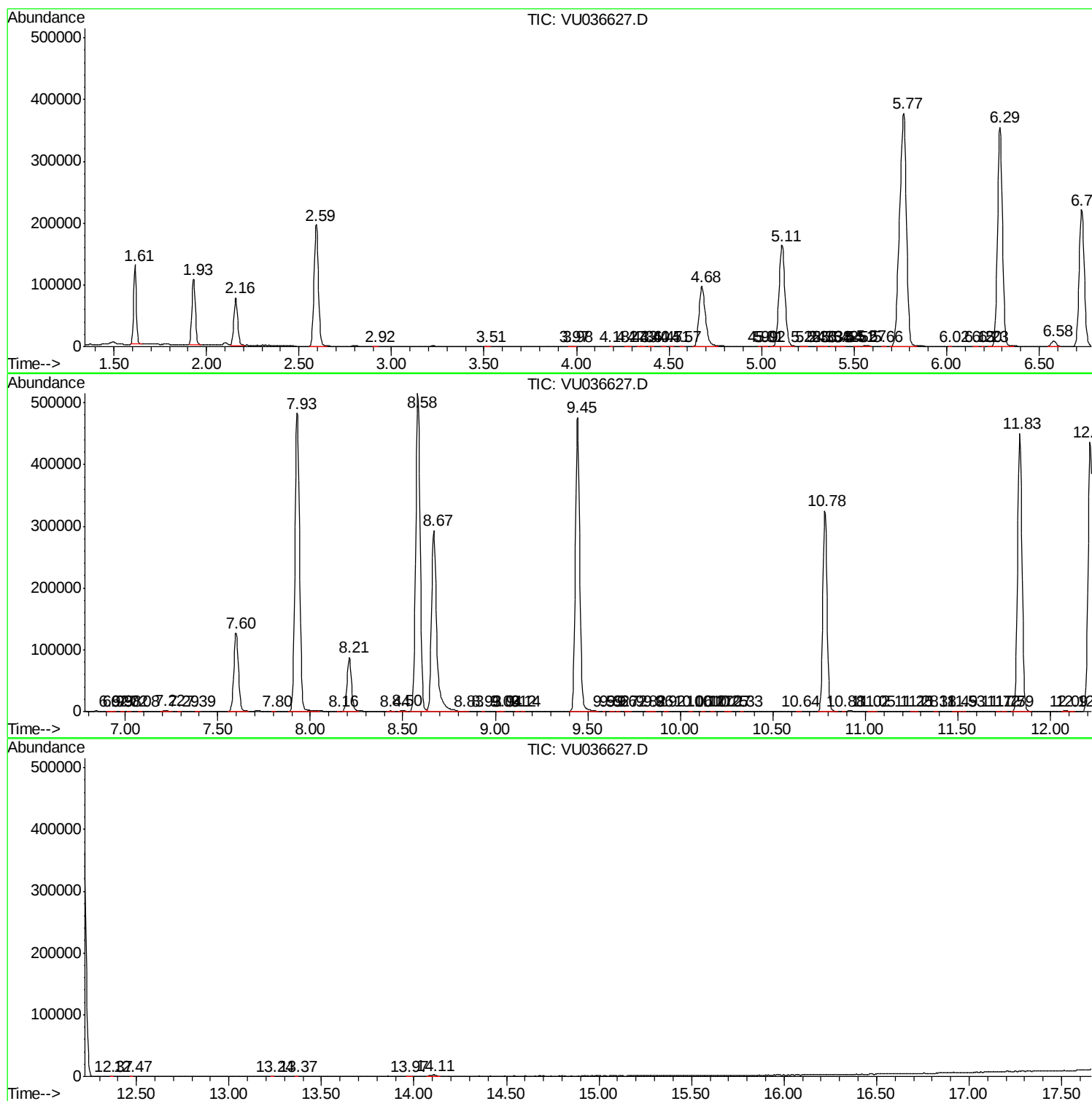
Sum of corrected areas: 8827474

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM012920WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU013020\  
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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        |