

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032612.D  
 Acq On : 11 Jun 2019 16:08  
 Operator : JC/SP  
 Sample : VU0611WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK57

## 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\SOMULM060619WMA.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      | 1.180    | 24         | 28       | 33        | rVB   | 4900        | 4326       | 0.69%        | 0.085%     |
| 2      | 1.396    | 88         | 95       | 107       | rBV   | 88064       | 88901      | 14.18%       | 1.737%     |
| 3      | 1.675    | 174        | 182      | 195       | rBV   | 68595       | 84445      | 13.47%       | 1.650%     |
| 4      | 2.267    | 355        | 366      | 379       | rVB   | 146319      | 222067     | 35.42%       | 4.339%     |
| 5      | 2.434    | 415        | 418      | 419       | rBV2  | 511         | 252        | 0.04%        | 0.005%     |
| 6      | 2.701    | 494        | 501      | 503       | rBV2  | 398         | 498        | 0.08%        | 0.010%     |
| 7      | 2.749    | 512        | 516      | 521       | rBV2  | 240         | 247        | 0.04%        | 0.005%     |
| 8      | 2.833    | 531        | 542      | 555       | rBV2  | 3934        | 7965       | 1.27%        | 0.156%     |
| 9      | 2.952    | 576        | 579      | 583       | rBV   | 227         | 152        | 0.02%        | 0.003%     |
| 10     | 3.219    | 657        | 662      | 665       | rBV2  | 298         | 318        | 0.05%        | 0.006%     |
| 11     | 3.444    | 728        | 732      | 734       | rVV2  | 179         | 139        | 0.02%        | 0.003%     |
| 12     | 3.505    | 748        | 751      | 756       | rBV2  | 151         | 145        | 0.02%        | 0.003%     |
| 13     | 3.531    | 756        | 759      | 766       | rBV   | 217         | 187        | 0.03%        | 0.004%     |
| 14     | 3.576    | 766        | 773      | 775       | rBV   | 201         | 256        | 0.04%        | 0.005%     |
| 15     | 3.707    | 811        | 814      | 819       | rBV2  | 172         | 165        | 0.03%        | 0.003%     |
| 16     | 3.736    | 820        | 823      | 828       | rBV2  | 141         | 154        | 0.02%        | 0.003%     |
| 17     | 3.807    | 841        | 845      | 848       | rBV2  | 175         | 146        | 0.02%        | 0.003%     |
| 18     | 3.910    | 874        | 877      | 881       | rBV   | 205         | 162        | 0.03%        | 0.003%     |
| 19     | 3.968    | 890        | 895      | 900       | rBV2  | 159         | 230        | 0.04%        | 0.004%     |
| 20     | 4.019    | 906        | 911      | 912       | rBV   | 192         | 140        | 0.02%        | 0.003%     |
| 21     | 4.170    | 946        | 958      | 996       | rBV   | 59199       | 165683     | 26.42%       | 3.237%     |
| 22     | 4.466    | 1046       | 1050     | 1054      | rBV2  | 307         | 269        | 0.04%        | 0.005%     |
| 23     | 4.530    | 1066       | 1070     | 1073      | rBV3  | 165         | 156        | 0.02%        | 0.003%     |
| 24     | 4.640    | 1087       | 1104     | 1128      | rBV   | 105763      | 248563     | 39.64%       | 4.857%     |
| 25     | 4.791    | 1149       | 1151     | 1155      | rBV3  | 194         | 127        | 0.02%        | 0.002%     |
| 26     | 4.833    | 1161       | 1164     | 1168      | rBV2  | 193         | 178        | 0.03%        | 0.003%     |
| 27     | 4.875    | 1174       | 1177     | 1178      | rBV2  | 244         | 141        | 0.02%        | 0.003%     |
| 28     | 4.939    | 1192       | 1197     | 1198      | rBV   | 224         | 179        | 0.03%        | 0.003%     |
| 29     | 4.984    | 1209       | 1211     | 1214      | rVV2  | 279         | 165        | 0.03%        | 0.003%     |
| 30     | 5.071    | 1235       | 1238     | 1240      | rBV2  | 228         | 151        | 0.02%        | 0.003%     |
| 31     | 5.093    | 1240       | 1245     | 1248      | rVV2  | 319         | 265        | 0.04%        | 0.005%     |
| 32     | 5.125    | 1248       | 1255     | 1257      | rVV   | 256         | 243        | 0.04%        | 0.005%     |
| 33     | 5.209    | 1276       | 1281     | 1285      | rBV2  | 241         | 226        | 0.04%        | 0.004%     |
| 34     | 5.331    | 1297       | 1319     | 1349      | rBV2  | 213564      | 627010     | 100.00%      | 12.251%    |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.553 | 1385 | 1388 | 1392 | rBV3 | 241    | 196    | 0.03%  | 0.004%  |
| 36 | 5.630 | 1407 | 1412 | 1417 | rVB3 | 354    | 354    | 0.06%  | 0.007%  |
| 37 | 5.659 | 1417 | 1421 | 1424 | rBV2 | 306    | 250    | 0.04%  | 0.005%  |
| 38 | 5.762 | 1450 | 1453 | 1457 | rVB2 | 213    | 141    | 0.02%  | 0.003%  |
| 39 | 5.817 | 1467 | 1470 | 1474 | rVB  | 213    | 198    | 0.03%  | 0.004%  |
| 40 | 5.881 | 1477 | 1490 | 1511 | rBV  | 205427 | 405510 | 64.67% | 7.923%  |
| 41 | 6.177 | 1572 | 1582 | 1595 | rVB6 | 4208   | 8627   | 1.38%  | 0.169%  |
| 42 | 6.241 | 1598 | 1602 | 1605 | rBV3 | 318    | 305    | 0.05%  | 0.006%  |
| 43 | 6.260 | 1606 | 1608 | 1614 | rVB  | 325    | 264    | 0.04%  | 0.005%  |
| 44 | 6.325 | 1614 | 1628 | 1650 | rBV  | 140030 | 282372 | 45.03% | 5.517%  |
| 45 | 6.498 | 1679 | 1682 | 1685 | rBV  | 243    | 177    | 0.03%  | 0.003%  |
| 46 | 6.543 | 1691 | 1696 | 1698 | rBV2 | 215    | 179    | 0.03%  | 0.003%  |
| 47 | 6.591 | 1708 | 1711 | 1713 | rBV  | 191    | 141    | 0.02%  | 0.003%  |
| 48 | 6.762 | 1761 | 1764 | 1768 | rVB  | 290    | 211    | 0.03%  | 0.004%  |
| 49 | 6.826 | 1780 | 1784 | 1787 | rBV2 | 214    | 175    | 0.03%  | 0.003%  |
| 50 | 6.900 | 1803 | 1807 | 1809 | rBV  | 324    | 184    | 0.03%  | 0.004%  |
| 51 | 6.939 | 1816 | 1819 | 1821 | rBV  | 180    | 126    | 0.02%  | 0.002%  |
| 52 | 7.061 | 1852 | 1857 | 1861 | rBV  | 251    | 220    | 0.04%  | 0.004%  |
| 53 | 7.148 | 1877 | 1884 | 1887 | rBV2 | 224    | 335    | 0.05%  | 0.007%  |
| 54 | 7.222 | 1896 | 1907 | 1933 | rBV  | 79579  | 147091 | 23.46% | 2.874%  |
| 55 | 7.469 | 1977 | 1984 | 1987 | rBV4 | 949    | 1106   | 0.18%  | 0.022%  |
| 56 | 7.485 | 1987 | 1989 | 1995 | rVB  | 336    | 292    | 0.05%  | 0.006%  |
| 57 | 7.559 | 2000 | 2012 | 2035 | rBV  | 288108 | 505100 | 80.56% | 9.869%  |
| 58 | 7.845 | 2091 | 2101 | 2129 | rBV  | 52663  | 95380  | 15.21% | 1.864%  |
| 59 | 8.022 | 2152 | 2156 | 2157 | rBV  | 243    | 187    | 0.03%  | 0.004%  |
| 60 | 8.132 | 2187 | 2190 | 2193 | rBV2 | 180    | 129    | 0.02%  | 0.003%  |
| 61 | 8.308 | 2234 | 2245 | 2278 | rBV2 | 161100 | 329977 | 52.63% | 6.447%  |
| 62 | 8.534 | 2312 | 2315 | 2321 | rVB3 | 436    | 357    | 0.06%  | 0.007%  |
| 63 | 8.630 | 2343 | 2345 | 2349 | rVB2 | 274    | 131    | 0.02%  | 0.003%  |
| 64 | 8.681 | 2355 | 2361 | 2364 | rBV  | 216    | 312    | 0.05%  | 0.006%  |
| 65 | 8.749 | 2379 | 2382 | 2387 | rBV  | 218    | 194    | 0.03%  | 0.004%  |
| 66 | 8.842 | 2406 | 2411 | 2415 | rBV2 | 123    | 144    | 0.02%  | 0.003%  |
| 67 | 8.894 | 2424 | 2427 | 2434 | rVB2 | 313    | 221    | 0.04%  | 0.004%  |
| 68 | 9.025 | 2464 | 2468 | 2469 | rVV  | 167    | 143    | 0.02%  | 0.003%  |
| 69 | 9.083 | 2473 | 2486 | 2532 | rVV  | 302329 | 514280 | 82.02% | 10.049% |
| 70 | 9.238 | 2532 | 2534 | 2535 | rVV  | 461    | 233    | 0.04%  | 0.005%  |
| 71 | 9.254 | 2536 | 2539 | 2545 | rVV3 | 829    | 990    | 0.16%  | 0.019%  |

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Filtering: 5  
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 Max Peaks: 100  
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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\SOMULM060619WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.392  | 2576 | 2582 | 2588 | rVB3 | 530    | 689    | 0.11%  | 0.013%  |
| 73  | 9.463  | 2600 | 2604 | 2607 | rBV  | 174    | 146    | 0.02%  | 0.003%  |
| 74  | 9.575  | 2635 | 2639 | 2643 | rBV2 | 150    | 147    | 0.02%  | 0.003%  |
| 75  | 9.778  | 2698 | 2702 | 2704 | rBV2 | 580    | 490    | 0.08%  | 0.010%  |
| 76  | 9.916  | 2742 | 2745 | 2749 | rBV2 | 229    | 161    | 0.03%  | 0.003%  |
| 77  | 10.173 | 2816 | 2825 | 2828 | rBV3 | 756    | 1064   | 0.17%  | 0.021%  |
| 78  | 10.276 | 2854 | 2857 | 2863 | rVB2 | 238    | 258    | 0.04%  | 0.005%  |
| 79  | 10.427 | 2892 | 2904 | 2927 | rBV  | 200435 | 326622 | 52.09% | 6.382%  |
| 80  | 10.578 | 2947 | 2951 | 2953 | rBV  | 240    | 199    | 0.03%  | 0.004%  |
| 81  | 11.202 | 3142 | 3145 | 3148 | rVV  | 208    | 136    | 0.02%  | 0.003%  |
| 82  | 11.295 | 3171 | 3174 | 3177 | rBV  | 134    | 126    | 0.02%  | 0.002%  |
| 83  | 11.424 | 3207 | 3214 | 3220 | rBV3 | 1321   | 2092   | 0.33%  | 0.041%  |
| 84  | 11.479 | 3220 | 3231 | 3260 | rBV  | 319909 | 523052 | 83.42% | 10.220% |
| 85  | 11.710 | 3301 | 3303 | 3306 | rBV2 | 211    | 124    | 0.02%  | 0.002%  |
| 86  | 11.855 | 3334 | 3348 | 3382 | rBV  | 298756 | 502604 | 80.16% | 9.820%  |
| 87  | 12.479 | 3534 | 3542 | 3548 | rBV3 | 875    | 1236   | 0.20%  | 0.024%  |
| 88  | 12.533 | 3555 | 3559 | 3564 | rVB2 | 211    | 230    | 0.04%  | 0.004%  |
| 89  | 12.710 | 3611 | 3614 | 3616 | rBV2 | 241    | 150    | 0.02%  | 0.003%  |
| 90  | 12.768 | 3627 | 3632 | 3636 | rBV2 | 215    | 233    | 0.04%  | 0.005%  |
| 91  | 12.900 | 3666 | 3673 | 3674 | rBV3 | 1340   | 1379   | 0.22%  | 0.027%  |
| 92  | 13.135 | 3744 | 3746 | 3750 | rVB  | 213    | 131    | 0.02%  | 0.003%  |
| 93  | 13.295 | 3793 | 3796 | 3801 | rBV2 | 325    | 291    | 0.05%  | 0.006%  |
| 94  | 13.475 | 3850 | 3852 | 3856 | rBV2 | 215    | 158    | 0.03%  | 0.003%  |
| 95  | 13.598 | 3888 | 3890 | 3894 | rVB2 | 334    | 153    | 0.02%  | 0.003%  |
| 96  | 13.739 | 3932 | 3934 | 3936 | rBV2 | 323    | 207    | 0.03%  | 0.004%  |
| 97  | 13.771 | 3937 | 3944 | 3947 | rBV4 | 1880   | 2436   | 0.39%  | 0.048%  |
| 98  | 13.993 | 4003 | 4013 | 4015 | rBV5 | 2295   | 2536   | 0.40%  | 0.050%  |
| 99  | 14.090 | 4040 | 4043 | 4046 | rVB2 | 331    | 203    | 0.03%  | 0.004%  |
| 100 | 14.655 | 4216 | 4219 | 4222 | rBV2 | 370    | 241    | 0.04%  | 0.005%  |

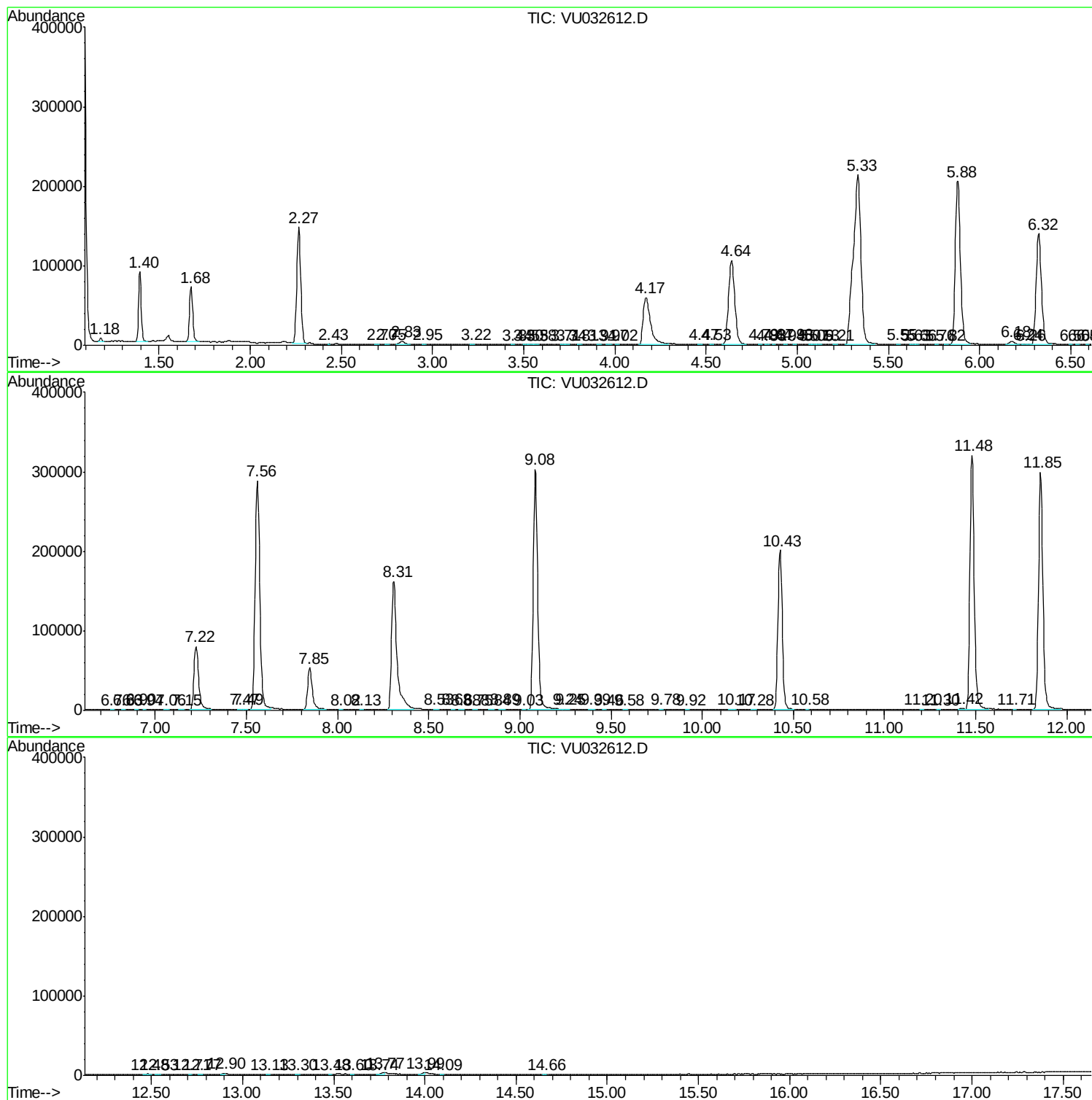
Sum of corrected areas: 5117977

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU061119\  
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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          |