

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\  
 Data File : VV019444.D  
 Acq On : 02 Dec 2020 13:01  
 Operator : SY/MD  
 Sample : VV1202WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK90

## 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\_V\METHOD\SOMVLM112320WMA.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      | 1.315    | 63         | 70       | 81        | rVB   | 226322      | 224866     | 14.28%       | 1.857%     |
| 2      | 1.576    | 144        | 151      | 162       | rVB   | 203215      | 226680     | 14.39%       | 1.872%     |
| 3      | 2.119    | 311        | 320      | 349       | rVB   | 411585      | 624905     | 39.68%       | 5.160%     |
| 4      | 2.589    | 463        | 466      | 468       | rBV2  | 570         | 308        | 0.02%        | 0.003%     |
| 5      | 2.614    | 472        | 474      | 475       | rBV   | 590         | 242        | 0.02%        | 0.002%     |
| 6      | 2.701    | 498        | 501      | 503       | rBV3  | 381         | 207        | 0.01%        | 0.002%     |
| 7      | 2.720    | 505        | 507      | 509       | rBV2  | 472         | 228        | 0.01%        | 0.002%     |
| 8      | 2.778    | 517        | 525      | 530       | rBV3  | 1176        | 1494       | 0.09%        | 0.012%     |
| 9      | 2.852    | 544        | 548      | 552       | rBV4  | 589         | 477        | 0.03%        | 0.004%     |
| 10     | 2.910    | 563        | 566      | 568       | rBV3  | 392         | 219        | 0.01%        | 0.002%     |
| 11     | 3.013    | 591        | 598      | 599       | rBV3  | 536         | 386        | 0.02%        | 0.003%     |
| 12     | 3.171    | 645        | 647      | 648       | rBV3  | 348         | 156        | 0.01%        | 0.001%     |
| 13     | 3.203    | 654        | 657      | 659       | rVV2  | 357         | 237        | 0.02%        | 0.002%     |
| 14     | 3.280    | 679        | 681      | 683       | rBV   | 385         | 145        | 0.01%        | 0.001%     |
| 15     | 3.296    | 684        | 686      | 691       | rVB   | 455         | 391        | 0.02%        | 0.003%     |
| 16     | 3.328    | 691        | 696      | 697       | rBV3  | 350         | 265        | 0.02%        | 0.002%     |
| 17     | 3.367    | 705        | 708      | 712       | rVB   | 363         | 266        | 0.02%        | 0.002%     |
| 18     | 3.389    | 712        | 715      | 720       | rBV2  | 478         | 358        | 0.02%        | 0.003%     |
| 19     | 3.473    | 736        | 741      | 742       | rBV2  | 190         | 151        | 0.01%        | 0.001%     |
| 20     | 3.534    | 756        | 760      | 764       | rVV2  | 436         | 389        | 0.02%        | 0.003%     |
| 21     | 3.656    | 795        | 798      | 800       | rVV   | 276         | 139        | 0.01%        | 0.001%     |
| 22     | 3.704    | 810        | 813      | 816       | rVB2  | 330         | 187        | 0.01%        | 0.002%     |
| 23     | 3.736    | 820        | 823      | 826       | rVB3  | 508         | 267        | 0.02%        | 0.002%     |
| 24     | 3.826    | 849        | 851      | 854       | rVB2  | 269         | 154        | 0.01%        | 0.001%     |
| 25     | 3.846    | 854        | 857      | 859       | rBV   | 222         | 144        | 0.01%        | 0.001%     |
| 26     | 3.894    | 859        | 872      | 907       | rBV   | 144770      | 397789     | 25.26%       | 3.285%     |
| 27     | 4.373    | 1005       | 1021     | 1049      | rBV   | 256556      | 634582     | 40.30%       | 5.240%     |
| 28     | 4.685    | 1115       | 1118     | 1122      | rBV4  | 521         | 481        | 0.03%        | 0.004%     |
| 29     | 4.743    | 1133       | 1136     | 1137      | rBV2  | 469         | 271        | 0.02%        | 0.002%     |
| 30     | 4.817    | 1157       | 1159     | 1164      | rVB4  | 661         | 423        | 0.03%        | 0.003%     |
| 31     | 4.839    | 1164       | 1166     | 1168      | rVB   | 537         | 218        | 0.01%        | 0.002%     |
| 32     | 4.859    | 1168       | 1172     | 1174      | rBV2  | 319         | 184        | 0.01%        | 0.002%     |
| 33     | 4.871    | 1174       | 1176     | 1178      | rBV   | 493         | 215        | 0.01%        | 0.002%     |
| 34     | 4.913    | 1186       | 1189     | 1191      | rBV2  | 197         | 150        | 0.01%        | 0.001%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112320WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.978 | 1207 | 1209 | 1212 | rBV3 | 577    | 351     | 0.02%   | 0.003%  |
| 36 | 5.068 | 1220 | 1237 | 1266 | rBV2 | 606051 | 1574774 | 100.00% | 13.003% |
| 37 | 5.389 | 1333 | 1337 | 1339 | rBV3 | 656    | 473     | 0.03%   | 0.004%  |
| 38 | 5.492 | 1367 | 1369 | 1371 | rBV2 | 541    | 262     | 0.02%   | 0.002%  |
| 39 | 5.547 | 1383 | 1386 | 1387 | rBV  | 272    | 167     | 0.01%   | 0.001%  |
| 40 | 5.637 | 1402 | 1414 | 1443 | rBV  | 459279 | 924821  | 58.73%  | 7.636%  |
| 41 | 5.926 | 1492 | 1504 | 1526 | rBV  | 47268  | 98503   | 6.26%   | 0.813%  |
| 42 | 6.090 | 1541 | 1555 | 1587 | rBV  | 361251 | 741610  | 47.09%  | 6.123%  |
| 43 | 6.331 | 1628 | 1630 | 1632 | rVB3 | 718    | 325     | 0.02%   | 0.003%  |
| 44 | 6.347 | 1632 | 1635 | 1637 | rBV2 | 545    | 358     | 0.02%   | 0.003%  |
| 45 | 6.383 | 1643 | 1646 | 1648 | rBV2 | 704    | 473     | 0.03%   | 0.004%  |
| 46 | 6.469 | 1668 | 1673 | 1674 | rBV2 | 329    | 287     | 0.02%   | 0.002%  |
| 47 | 6.543 | 1693 | 1696 | 1697 | rBV2 | 280    | 139     | 0.01%   | 0.001%  |
| 48 | 6.556 | 1697 | 1700 | 1705 | rBV4 | 515    | 326     | 0.02%   | 0.003%  |
| 49 | 6.637 | 1724 | 1725 | 1727 | rVB2 | 501    | 154     | 0.01%   | 0.001%  |
| 50 | 6.662 | 1727 | 1733 | 1737 | rBV4 | 1275   | 1464    | 0.09%   | 0.012%  |
| 51 | 6.743 | 1756 | 1758 | 1760 | rVB3 | 473    | 188     | 0.01%   | 0.002%  |
| 52 | 6.775 | 1766 | 1768 | 1772 | rVB4 | 708    | 408     | 0.03%   | 0.003%  |
| 53 | 6.804 | 1772 | 1777 | 1781 | rBV3 | 510    | 547     | 0.03%   | 0.005%  |
| 54 | 6.839 | 1787 | 1788 | 1790 | rVB  | 408    | 140     | 0.01%   | 0.001%  |
| 55 | 6.852 | 1790 | 1792 | 1796 | rVB3 | 362    | 240     | 0.02%   | 0.002%  |
| 56 | 6.881 | 1796 | 1801 | 1805 | rBV3 | 598    | 663     | 0.04%   | 0.005%  |
| 57 | 6.907 | 1806 | 1809 | 1811 | rBV2 | 275    | 163     | 0.01%   | 0.001%  |
| 58 | 6.936 | 1816 | 1818 | 1821 | rBV3 | 485    | 287     | 0.02%   | 0.002%  |
| 59 | 7.006 | 1829 | 1840 | 1862 | rBV  | 187373 | 343250  | 21.80%  | 2.834%  |
| 60 | 7.334 | 1929 | 1942 | 1964 | rBV  | 677944 | 1157392 | 73.50%  | 9.556%  |
| 61 | 7.640 | 2027 | 2037 | 2065 | rBV  | 142390 | 250001  | 15.88%  | 2.064%  |
| 62 | 7.900 | 2114 | 2118 | 2122 | rBV2 | 965    | 719     | 0.05%   | 0.006%  |
| 63 | 7.923 | 2122 | 2125 | 2127 | rBV  | 556    | 360     | 0.02%   | 0.003%  |
| 64 | 8.003 | 2143 | 2150 | 2152 | rBV5 | 1327   | 1298    | 0.08%   | 0.011%  |
| 65 | 8.106 | 2171 | 2182 | 2216 | rBV2 | 398815 | 813502  | 51.66%  | 6.717%  |
| 66 | 8.514 | 2306 | 2309 | 2316 | rVB3 | 1079   | 1050    | 0.07%   | 0.009%  |
| 67 | 8.550 | 2316 | 2320 | 2322 | rBV3 | 535    | 414     | 0.03%   | 0.003%  |
| 68 | 8.595 | 2328 | 2334 | 2337 | rBV5 | 933    | 924     | 0.06%   | 0.008%  |
| 69 | 8.678 | 2357 | 2360 | 2363 | rBV2 | 287    | 188     | 0.01%   | 0.002%  |
| 70 | 8.736 | 2375 | 2378 | 2380 | rVB  | 435    | 211     | 0.01%   | 0.002%  |
| 71 | 8.756 | 2380 | 2384 | 2387 | rBV3 | 498    | 450     | 0.03%   | 0.004%  |

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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\_V\METHOD\SOMVLM112320WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 8.871  | 2408 | 2420 | 2444 | rBV  | 726924 | 1174958 | 74.61% | 9.702% |
| 73  | 9.129  | 2496 | 2500 | 2504 | rBV3 | 777    | 763     | 0.05%  | 0.006% |
| 74  | 9.235  | 2530 | 2533 | 2535 | rBV  | 416    | 276     | 0.02%  | 0.002% |
| 75  | 9.260  | 2540 | 2541 | 2543 | rVB2 | 617    | 201     | 0.01%  | 0.002% |
| 76  | 9.437  | 2592 | 2596 | 2598 | rBV3 | 474    | 335     | 0.02%  | 0.003% |
| 77  | 9.476  | 2604 | 2608 | 2610 | rBV2 | 376    | 302     | 0.02%  | 0.002% |
| 78  | 9.495  | 2612 | 2614 | 2615 | rBV  | 521    | 202     | 0.01%  | 0.002% |
| 79  | 9.543  | 2627 | 2629 | 2633 | rBV  | 406    | 227     | 0.01%  | 0.002% |
| 80  | 9.588  | 2641 | 2643 | 2645 | rBV2 | 415    | 213     | 0.01%  | 0.002% |
| 81  | 9.640  | 2652 | 2659 | 2664 | rVB5 | 724    | 886     | 0.06%  | 0.007% |
| 82  | 9.669  | 2664 | 2668 | 2670 | rBV  | 443    | 407     | 0.03%  | 0.003% |
| 83  | 9.730  | 2685 | 2687 | 2690 | rVB2 | 700    | 349     | 0.02%  | 0.003% |
| 84  | 9.810  | 2710 | 2712 | 2716 | rBV2 | 529    | 372     | 0.02%  | 0.003% |
| 85  | 9.948  | 2751 | 2755 | 2758 | rBV3 | 414    | 412     | 0.03%  | 0.003% |
| 86  | 10.038 | 2782 | 2783 | 2786 | rBV2 | 256    | 173     | 0.01%  | 0.001% |
| 87  | 10.235 | 2832 | 2844 | 2866 | rBV  | 437548 | 679544  | 43.15% | 5.611% |
| 88  | 10.440 | 2903 | 2908 | 2913 | rVB3 | 837    | 684     | 0.04%  | 0.006% |
| 89  | 10.473 | 2913 | 2918 | 2919 | rBV2 | 401    | 297     | 0.02%  | 0.002% |
| 90  | 10.546 | 2938 | 2941 | 2942 | rBV2 | 296    | 175     | 0.01%  | 0.001% |
| 91  | 10.775 | 3008 | 3012 | 3013 | rBV  | 351    | 250     | 0.02%  | 0.002% |
| 92  | 11.019 | 3087 | 3088 | 3090 | rBV  | 466    | 143     | 0.01%  | 0.001% |
| 93  | 11.116 | 3114 | 3118 | 3120 | rBV2 | 612    | 389     | 0.02%  | 0.003% |
| 94  | 11.186 | 3138 | 3140 | 3142 | rBV  | 554    | 253     | 0.02%  | 0.002% |
| 95  | 11.206 | 3144 | 3146 | 3152 | rVB5 | 969    | 885     | 0.06%  | 0.007% |
| 96  | 11.270 | 3154 | 3166 | 3191 | rBV  | 707498 | 1104729 | 70.15% | 9.122% |
| 97  | 11.646 | 3270 | 3283 | 3305 | rBV  | 703336 | 1107999 | 70.36% | 9.149% |
| 98  | 12.517 | 3552 | 3554 | 3558 | rBV3 | 597    | 364     | 0.02%  | 0.003% |
| 99  | 13.025 | 3710 | 3712 | 3714 | rBV  | 376    | 214     | 0.01%  | 0.002% |
| 100 | 13.283 | 3790 | 3792 | 3794 | rBV2 | 930    | 598     | 0.04%  | 0.005% |

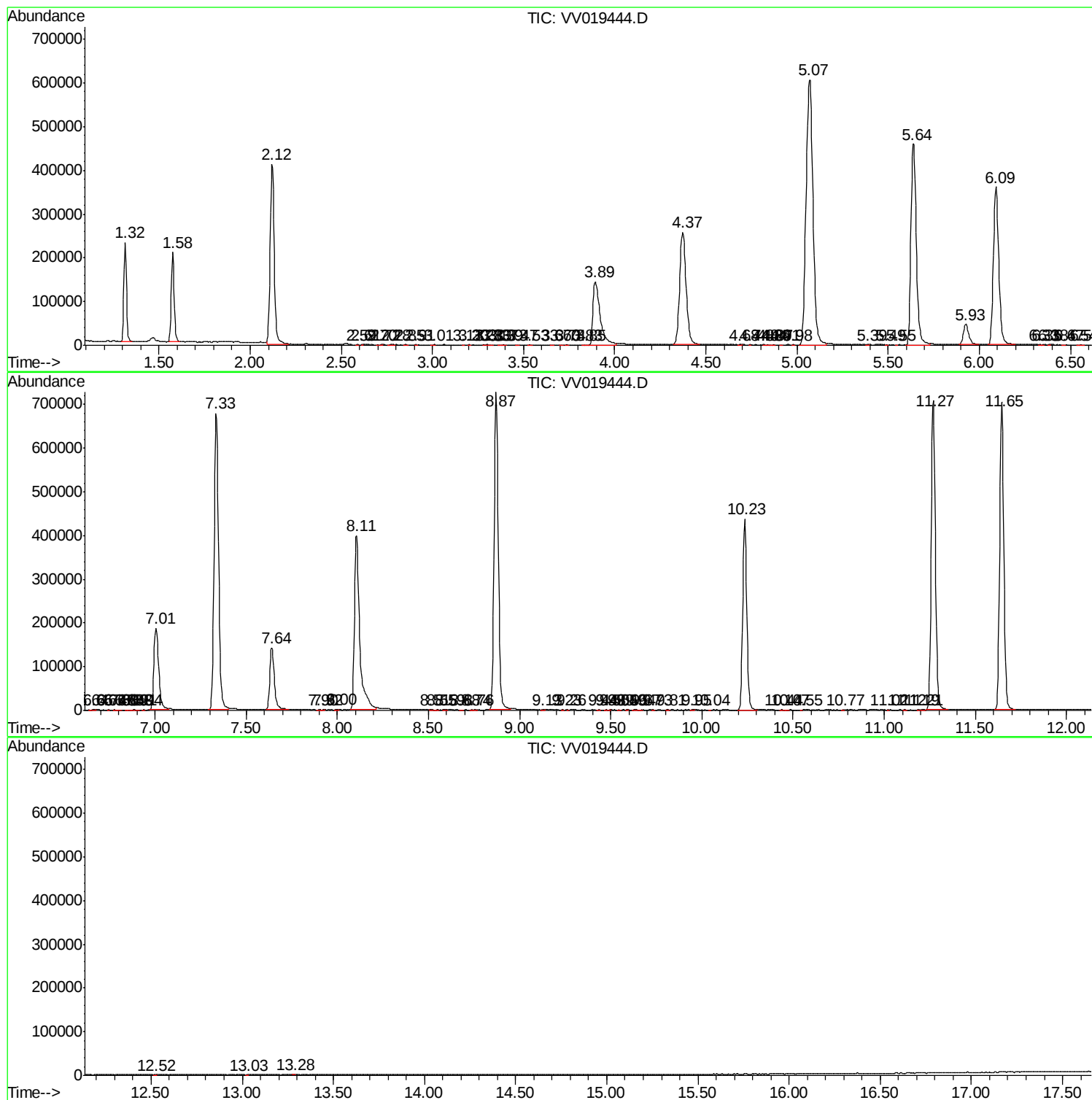
Sum of corrected areas: 12111056

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112320WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV120220\  
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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        |