

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\  
 Data File : VU031064.D  
 Acq On : 11 Apr 2019 13:03  
 Operator : JC/SP  
 Sample : K2339-02 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFC51

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\SOMULM040519WMA.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         | 1.180       | 23            | 28          | 37           | rBV      | 16050          | 16330         | 0.77%           | 0.104%        |
| 2         | 1.396       | 88            | 95          | 107          | rBV      | 311332         | 327551        | 15.39%          | 2.079%        |
| 3         | 1.679       | 175           | 183         | 198          | rVB      | 237920         | 304506        | 14.30%          | 1.933%        |
| 4         | 2.180       | 336           | 339         | 348          | rVB4     | 5022           | 6066          | 0.28%           | 0.038%        |
| 5         | 2.267       | 355           | 366         | 379          | rBV      | 462408         | 716329        | 33.65%          | 4.546%        |
| 6         | 2.424       | 411           | 415         | 418          | rBV5     | 1379           | 1234          | 0.06%           | 0.008%        |
| 7         | 2.669       | 486           | 491         | 494          | rBV4     | 1638           | 1545          | 0.07%           | 0.010%        |
| 8         | 2.695       | 494           | 499         | 500          | rBV4     | 2056           | 1744          | 0.08%           | 0.011%        |
| 9         | 2.830       | 539           | 541         | 546          | rVB2     | 826            | 465           | 0.02%           | 0.003%        |
| 10        | 2.965       | 581           | 583         | 586          | rVV2     | 655            | 487           | 0.02%           | 0.003%        |
| 11        | 3.000       | 592           | 594         | 598          | rVB3     | 1147           | 878           | 0.04%           | 0.006%        |
| 12        | 3.122       | 630           | 632         | 636          | rVB2     | 683            | 486           | 0.02%           | 0.003%        |
| 13        | 3.215       | 653           | 661         | 666          | rBV4     | 1154           | 1465          | 0.07%           | 0.009%        |
| 14        | 3.354       | 699           | 704         | 711          | rBV2     | 1373           | 1781          | 0.08%           | 0.011%        |
| 15        | 3.457       | 732           | 736         | 739          | rBV      | 879            | 591           | 0.03%           | 0.004%        |
| 16        | 3.682       | 804           | 806         | 811          | rVB2     | 792            | 548           | 0.03%           | 0.003%        |
| 17        | 3.916       | 874           | 879         | 881          | rVB2     | 685            | 543           | 0.03%           | 0.003%        |
| 18        | 3.936       | 881           | 885         | 888          | rBV2     | 690            | 633           | 0.03%           | 0.004%        |
| 19        | 3.994       | 898           | 903         | 908          | rBV3     | 465            | 579           | 0.03%           | 0.004%        |
| 20        | 4.170       | 946           | 958         | 988          | rBV      | 202655         | 554445        | 26.05%          | 3.519%        |
| 21        | 4.572       | 1080          | 1083        | 1085         | rBV      | 807            | 588           | 0.03%           | 0.004%        |
| 22        | 4.643       | 1089          | 1105        | 1131         | rVV      | 335225         | 827223        | 38.86%          | 5.250%        |
| 23        | 4.878       | 1174          | 1178        | 1180         | rBV      | 1113           | 917           | 0.04%           | 0.006%        |
| 24        | 4.939       | 1193          | 1197        | 1199         | rBV2     | 779            | 668           | 0.03%           | 0.004%        |
| 25        | 4.984       | 1207          | 1211        | 1215         | rBV4     | 884            | 901           | 0.04%           | 0.006%        |
| 26        | 5.096       | 1244          | 1246        | 1253         | rVB4     | 1402           | 1312          | 0.06%           | 0.008%        |
| 27        | 5.138       | 1253          | 1259        | 1263         | rBV3     | 1339           | 1460          | 0.07%           | 0.009%        |
| 28        | 5.199       | 1275          | 1278        | 1283         | rVB3     | 786            | 574           | 0.03%           | 0.004%        |
| 29        | 5.334       | 1296          | 1320        | 1354         | rBV2     | 711723         | 2128754       | 100.00%         | 13.510%       |
| 30        | 5.701       | 1432          | 1434        | 1439         | rVB3     | 1309           | 847           | 0.04%           | 0.005%        |
| 31        | 5.778       | 1455          | 1458        | 1461         | rVB4     | 1242           | 817           | 0.04%           | 0.005%        |
| 32        | 5.804       | 1462          | 1466        | 1468         | rBV3     | 867            | 753           | 0.04%           | 0.005%        |
| 33        | 5.881       | 1476          | 1490        | 1528         | rBV      | 559381         | 1156472       | 54.33%          | 7.339%        |
| 34        | 6.093       | 1554          | 1556        | 1561         | rVB3     | 2177           | 1642          | 0.08%           | 0.010%        |

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## Integration Parameters: LSCINT.P

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 35 | 6.132 | 1561 | 1568 | 1572 | rBV5 | 727    | 991     | 0.05%  | 0.006%  |
| 36 | 6.164 | 1572 | 1578 | 1579 | rBV3 | 2772   | 1623    | 0.08%  | 0.010%  |
| 37 | 6.177 | 1579 | 1582 | 1583 | rBV3 | 1592   | 1045    | 0.05%  | 0.007%  |
| 38 | 6.325 | 1614 | 1628 | 1652 | rBV  | 468818 | 962468  | 45.21% | 6.108%  |
| 39 | 6.534 | 1688 | 1693 | 1695 | rBV4 | 658    | 661     | 0.03%  | 0.004%  |
| 40 | 6.627 | 1718 | 1722 | 1728 | rBV6 | 878    | 1020    | 0.05%  | 0.006%  |
| 41 | 6.656 | 1728 | 1731 | 1732 | rBV2 | 1169   | 623     | 0.03%  | 0.004%  |
| 42 | 6.707 | 1745 | 1747 | 1751 | rBV4 | 544    | 501     | 0.02%  | 0.003%  |
| 43 | 6.916 | 1807 | 1812 | 1818 | rVB3 | 664    | 841     | 0.04%  | 0.005%  |
| 44 | 7.029 | 1842 | 1847 | 1849 | rBV2 | 876    | 763     | 0.04%  | 0.005%  |
| 45 | 7.067 | 1856 | 1859 | 1862 | rBV2 | 588    | 470     | 0.02%  | 0.003%  |
| 46 | 7.128 | 1872 | 1878 | 1880 | rVB3 | 643    | 551     | 0.03%  | 0.003%  |
| 47 | 7.148 | 1880 | 1884 | 1886 | rBV3 | 801    | 626     | 0.03%  | 0.004%  |
| 48 | 7.225 | 1896 | 1908 | 1940 | rBV  | 253074 | 479227  | 22.51% | 3.041%  |
| 49 | 7.563 | 1999 | 2013 | 2038 | rBV  | 885262 | 1609071 | 75.59% | 10.212% |
| 50 | 7.845 | 2091 | 2101 | 2134 | rBV2 | 170754 | 313750  | 14.74% | 1.991%  |
| 51 | 8.042 | 2160 | 2162 | 2167 | rVB2 | 1100   | 597     | 0.03%  | 0.004%  |
| 52 | 8.087 | 2173 | 2176 | 2179 | rVB4 | 947    | 639     | 0.03%  | 0.004%  |
| 53 | 8.135 | 2188 | 2191 | 2195 | rVB2 | 1018   | 672     | 0.03%  | 0.004%  |
| 54 | 8.167 | 2197 | 2201 | 2211 | rVB6 | 1814   | 2768    | 0.13%  | 0.018%  |
| 55 | 8.222 | 2211 | 2218 | 2231 | rVB7 | 5852   | 11415   | 0.54%  | 0.072%  |
| 56 | 8.308 | 2233 | 2245 | 2295 | rBV  | 578004 | 1191547 | 55.97% | 7.562%  |
| 57 | 8.630 | 2341 | 2345 | 2349 | rVB5 | 1064   | 811     | 0.04%  | 0.005%  |
| 58 | 8.656 | 2349 | 2353 | 2356 | rBV4 | 1151   | 1071    | 0.05%  | 0.007%  |
| 59 | 8.704 | 2363 | 2368 | 2370 | rBV4 | 799    | 609     | 0.03%  | 0.004%  |
| 60 | 8.820 | 2400 | 2404 | 2409 | rVB3 | 869    | 851     | 0.04%  | 0.005%  |
| 61 | 8.868 | 2417 | 2419 | 2424 | rVV3 | 627    | 515     | 0.02%  | 0.003%  |
| 62 | 8.916 | 2431 | 2434 | 2438 | rBV2 | 721    | 492     | 0.02%  | 0.003%  |
| 63 | 8.958 | 2441 | 2447 | 2450 | rBV6 | 874    | 1244    | 0.06%  | 0.008%  |
| 64 | 9.087 | 2473 | 2487 | 2513 | rBV  | 813989 | 1424445 | 66.91% | 9.040%  |
| 65 | 9.479 | 2605 | 2609 | 2612 | rBV4 | 517    | 540     | 0.03%  | 0.003%  |
| 66 | 9.636 | 2656 | 2658 | 2662 | rBV2 | 901    | 617     | 0.03%  | 0.004%  |
| 67 | 9.723 | 2682 | 2685 | 2690 | rVB2 | 725    | 636     | 0.03%  | 0.004%  |
| 68 | 9.755 | 2690 | 2695 | 2697 | rBV3 | 739    | 688     | 0.03%  | 0.004%  |
| 69 | 9.849 | 2719 | 2724 | 2729 | rBV2 | 1049   | 805     | 0.04%  | 0.005%  |
| 70 | 9.881 | 2730 | 2734 | 2743 | rVB4 | 997    | 1420    | 0.07%  | 0.009%  |
| 71 | 9.980 | 2762 | 2765 | 2767 | rBV2 | 815    | 548     | 0.03%  | 0.003%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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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\SOMULM040519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.013 | 2772 | 2775 | 2780 | rVV3 | 527    | 505     | 0.02%  | 0.003% |
| 73  | 10.218 | 2836 | 2839 | 2843 | rBV3 | 912    | 738     | 0.03%  | 0.005% |
| 74  | 10.334 | 2871 | 2875 | 2883 | rVB4 | 692    | 883     | 0.04%  | 0.006% |
| 75  | 10.427 | 2890 | 2904 | 2928 | rBV  | 631924 | 1041513 | 48.93% | 6.610% |
| 76  | 10.607 | 2957 | 2960 | 2962 | rBV2 | 922    | 560     | 0.03%  | 0.004% |
| 77  | 10.633 | 2966 | 2968 | 2974 | rBV5 | 542    | 465     | 0.02%  | 0.003% |
| 78  | 10.820 | 3024 | 3026 | 3032 | rVB3 | 637    | 560     | 0.03%  | 0.004% |
| 79  | 10.881 | 3040 | 3045 | 3049 | rVV3 | 912    | 1020    | 0.05%  | 0.006% |
| 80  | 10.926 | 3054 | 3059 | 3064 | rBV3 | 520    | 700     | 0.03%  | 0.004% |
| 81  | 10.980 | 3073 | 3076 | 3078 | rBV2 | 816    | 517     | 0.02%  | 0.003% |
| 82  | 11.160 | 3126 | 3132 | 3135 | rBV2 | 751    | 755     | 0.04%  | 0.005% |
| 83  | 11.302 | 3172 | 3176 | 3179 | rBV  | 678    | 573     | 0.03%  | 0.004% |
| 84  | 11.353 | 3187 | 3192 | 3201 | rBV2 | 1268   | 1878    | 0.09%  | 0.012% |
| 85  | 11.414 | 3208 | 3211 | 3213 | rBV2 | 775    | 497     | 0.02%  | 0.003% |
| 86  | 11.479 | 3219 | 3231 | 3255 | rBV  | 750762 | 1250195 | 58.73% | 7.934% |
| 87  | 11.855 | 3335 | 3348 | 3372 | rBV  | 813378 | 1367970 | 64.26% | 8.682% |
| 88  | 12.064 | 3410 | 3413 | 3416 | rBV4 | 1175   | 997     | 0.05%  | 0.006% |
| 89  | 12.533 | 3556 | 3559 | 3562 | rVB2 | 881    | 592     | 0.03%  | 0.004% |
| 90  | 12.668 | 3599 | 3601 | 3603 | rBV2 | 836    | 476     | 0.02%  | 0.003% |
| 91  | 12.803 | 3640 | 3643 | 3644 | rBV2 | 959    | 517     | 0.02%  | 0.003% |
| 92  | 13.234 | 3772 | 3777 | 3778 | rBV2 | 968    | 716     | 0.03%  | 0.005% |
| 93  | 13.414 | 3831 | 3833 | 3836 | rBV2 | 824    | 518     | 0.02%  | 0.003% |
| 94  | 13.540 | 3870 | 3872 | 3877 | rBV3 | 663    | 650     | 0.03%  | 0.004% |
| 95  | 14.009 | 4014 | 4018 | 4023 | rBV2 | 989    | 940     | 0.04%  | 0.006% |
| 96  | 14.170 | 4065 | 4068 | 4071 | rBV3 | 964    | 704     | 0.03%  | 0.004% |
| 97  | 14.276 | 4099 | 4101 | 4104 | rBV  | 1040   | 669     | 0.03%  | 0.004% |
| 98  | 14.360 | 4123 | 4127 | 4132 | rBV4 | 1230   | 1458    | 0.07%  | 0.009% |
| 99  | 14.411 | 4141 | 4143 | 4148 | rVB2 | 917    | 605     | 0.03%  | 0.004% |
| 100 | 15.340 | 4430 | 4432 | 4434 | rBV3 | 1213   | 501     | 0.02%  | 0.003% |

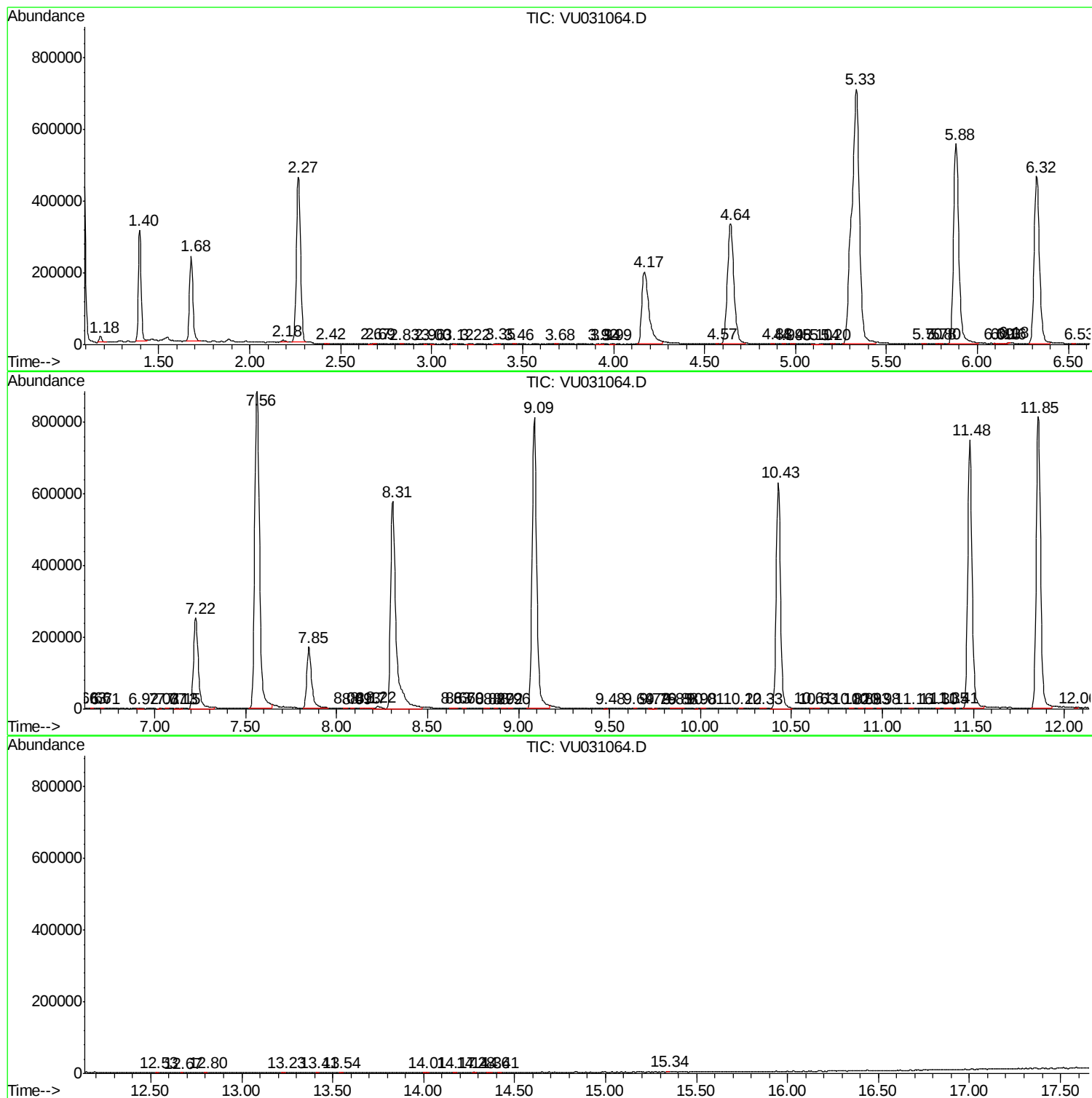
Sum of corrected areas: 15756967

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Instrument :  
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ClientSampled :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041119\  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
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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 |