

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\  
 Data File : VU030161.D  
 Acq On : 18 Mar 2019 10:12  
 Operator : JC/SP  
 Sample : VU0318WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK37

## 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\SOMULM031319WMA.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      | 1.183    | 25         | 29       | 36        | rVB   | 12607       | 11729      | 0.62%        | 0.079%     |
| 2      | 1.399    | 89         | 96       | 106       | rBV   | 281962      | 283611     | 14.88%       | 1.919%     |
| 3      | 1.682    | 175        | 184      | 198       | rVB   | 197486      | 255167     | 13.39%       | 1.727%     |
| 4      | 2.270    | 357        | 367      | 381       | rBV   | 450225      | 688153     | 36.10%       | 4.657%     |
| 5      | 2.543    | 450        | 452      | 454       | rBV   | 681         | 438        | 0.02%        | 0.003%     |
| 6      | 2.900    | 560        | 563      | 565       | rBV2  | 686         | 416        | 0.02%        | 0.003%     |
| 7      | 2.977    | 584        | 587      | 588       | rBV2  | 940         | 510        | 0.03%        | 0.003%     |
| 8      | 3.096    | 620        | 624      | 627       | rBV   | 1168        | 899        | 0.05%        | 0.006%     |
| 9      | 3.302    | 685        | 688      | 690       | rBV   | 784         | 416        | 0.02%        | 0.003%     |
| 10     | 3.318    | 690        | 693      | 697       | rVV   | 793         | 538        | 0.03%        | 0.004%     |
| 11     | 3.688    | 805        | 808      | 810       | rBV   | 925         | 537        | 0.03%        | 0.004%     |
| 12     | 4.173    | 947        | 959      | 984       | rBV   | 172948      | 447862     | 23.50%       | 3.031%     |
| 13     | 4.646    | 1090       | 1106     | 1130      | rBV   | 305033      | 726627     | 38.12%       | 4.918%     |
| 14     | 5.337    | 1297       | 1321     | 1354      | rBV2  | 649285      | 1906119    | 100.00%      | 12.900%    |
| 15     | 5.884    | 1477       | 1491     | 1532      | rBV   | 542497      | 1105995    | 58.02%       | 7.485%     |
| 16     | 6.328    | 1615       | 1629     | 1650      | rBV   | 405235      | 823098     | 43.18%       | 5.571%     |
| 17     | 6.646    | 1724       | 1728     | 1736      | rBV3  | 1223        | 1532       | 0.08%        | 0.010%     |
| 18     | 6.874    | 1795       | 1799     | 1802      | rBV3  | 1070        | 941        | 0.05%        | 0.006%     |
| 19     | 6.942    | 1818       | 1820     | 1822      | rBV   | 814         | 404        | 0.02%        | 0.003%     |
| 20     | 7.035    | 1845       | 1849     | 1853      | rBV2  | 1095        | 929        | 0.05%        | 0.006%     |
| 21     | 7.225    | 1896       | 1908     | 1930      | rBV   | 232663      | 432005     | 22.66%       | 2.924%     |
| 22     | 7.472    | 1978       | 1985     | 1992      | rBV4  | 1345        | 1772       | 0.09%        | 0.012%     |
| 23     | 7.562    | 1999       | 2013     | 2053      | rBV   | 865062      | 1577522    | 82.76%       | 10.677%    |
| 24     | 7.849    | 2091       | 2102     | 2123      | rBV   | 161668      | 287513     | 15.08%       | 1.946%     |
| 25     | 7.971    | 2137       | 2140     | 2144      | rBV3  | 1153        | 1217       | 0.06%        | 0.008%     |
| 26     | 8.099    | 2176       | 2180     | 2185      | rBV2  | 1026        | 1211       | 0.06%        | 0.008%     |
| 27     | 8.138    | 2189       | 2192     | 2194      | rBV   | 740         | 453        | 0.02%        | 0.003%     |
| 28     | 8.173    | 2195       | 2203     | 2211      | rBV3  | 6579        | 11209      | 0.59%        | 0.076%     |
| 29     | 8.234    | 2219       | 2222     | 2226      | rVB4  | 1219        | 939        | 0.05%        | 0.006%     |
| 30     | 8.308    | 2234       | 2245     | 2283      | rBV   | 585086      | 1052413    | 55.21%       | 7.123%     |
| 31     | 8.537    | 2313       | 2316     | 2320      | rVB4  | 1089        | 717        | 0.04%        | 0.005%     |
| 32     | 8.614    | 2338       | 2340     | 2345      | rVB2  | 1233        | 806        | 0.04%        | 0.005%     |
| 33     | 8.639    | 2345       | 2348     | 2350      | rBV   | 841         | 579        | 0.03%        | 0.004%     |
| 34     | 8.672    | 2355       | 2358     | 2361      | rVV2  | 953         | 655        | 0.03%        | 0.004%     |

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 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\SOMULM031319WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 8.688  | 2361 | 2363 | 2366 | rVB2 | 866    | 446     | 0.02%  | 0.003% |
| 36 | 8.855  | 2412 | 2415 | 2419 | rVB  | 1000   | 685     | 0.04%  | 0.005% |
| 37 | 8.884  | 2421 | 2424 | 2429 | rVV3 | 741    | 675     | 0.04%  | 0.005% |
| 38 | 8.910  | 2429 | 2432 | 2436 | rVV2 | 1116   | 913     | 0.05%  | 0.006% |
| 39 | 8.964  | 2445 | 2449 | 2451 | rVV2 | 661    | 559     | 0.03%  | 0.004% |
| 40 | 9.086  | 2473 | 2487 | 2524 | rVV  | 815165 | 1383149 | 72.56% | 9.361% |
| 41 | 9.234  | 2530 | 2533 | 2536 | rBV3 | 886    | 631     | 0.03%  | 0.004% |
| 42 | 9.292  | 2548 | 2551 | 2555 | rVB3 | 649    | 473     | 0.02%  | 0.003% |
| 43 | 9.315  | 2555 | 2558 | 2561 | rBV2 | 686    | 595     | 0.03%  | 0.004% |
| 44 | 9.421  | 2587 | 2591 | 2593 | rBV  | 849    | 682     | 0.04%  | 0.005% |
| 45 | 9.453  | 2597 | 2601 | 2603 | rBV  | 715    | 448     | 0.02%  | 0.003% |
| 46 | 9.495  | 2608 | 2614 | 2616 | rBV2 | 777    | 910     | 0.05%  | 0.006% |
| 47 | 9.566  | 2633 | 2636 | 2640 | rBV  | 996    | 756     | 0.04%  | 0.005% |
| 48 | 9.627  | 2651 | 2655 | 2657 | rBV  | 624    | 486     | 0.03%  | 0.003% |
| 49 | 9.742  | 2688 | 2691 | 2694 | rBV  | 897    | 700     | 0.04%  | 0.005% |
| 50 | 9.932  | 2746 | 2750 | 2754 | rBV  | 769    | 654     | 0.03%  | 0.004% |
| 51 | 10.012 | 2773 | 2775 | 2779 | rVB  | 760    | 488     | 0.03%  | 0.003% |
| 52 | 10.090 | 2796 | 2799 | 2807 | rVB  | 826    | 924     | 0.05%  | 0.006% |
| 53 | 10.128 | 2807 | 2811 | 2814 | rBV2 | 1347   | 1004    | 0.05%  | 0.007% |
| 54 | 10.176 | 2820 | 2826 | 2831 | rVV3 | 1089   | 1205    | 0.06%  | 0.008% |
| 55 | 10.234 | 2841 | 2844 | 2850 | rVB2 | 1150   | 1006    | 0.05%  | 0.007% |
| 56 | 10.344 | 2875 | 2878 | 2881 | rBV2 | 758    | 442     | 0.02%  | 0.003% |
| 57 | 10.427 | 2891 | 2904 | 2923 | rBV  | 617807 | 1003186 | 52.63% | 6.789% |
| 58 | 10.582 | 2949 | 2952 | 2953 | rBV2 | 792    | 465     | 0.02%  | 0.003% |
| 59 | 10.752 | 3003 | 3005 | 3009 | rVB2 | 1096   | 614     | 0.03%  | 0.004% |
| 60 | 10.803 | 3017 | 3021 | 3025 | rVB2 | 677    | 595     | 0.03%  | 0.004% |
| 61 | 10.848 | 3032 | 3035 | 3039 | rVB  | 603    | 495     | 0.03%  | 0.003% |
| 62 | 10.987 | 3075 | 3078 | 3083 | rVB  | 664    | 405     | 0.02%  | 0.003% |
| 63 | 11.083 | 3103 | 3108 | 3112 | rBV4 | 988    | 998     | 0.05%  | 0.007% |
| 64 | 11.106 | 3112 | 3115 | 3118 | rVB  | 854    | 534     | 0.03%  | 0.004% |
| 65 | 11.164 | 3129 | 3133 | 3138 | rVB  | 489    | 502     | 0.03%  | 0.003% |
| 66 | 11.221 | 3148 | 3151 | 3159 | rVB2 | 875    | 1080    | 0.06%  | 0.007% |
| 67 | 11.254 | 3159 | 3161 | 3164 | rBV  | 739    | 501     | 0.03%  | 0.003% |
| 68 | 11.286 | 3168 | 3171 | 3177 | rVB2 | 1227   | 1018    | 0.05%  | 0.007% |
| 69 | 11.356 | 3188 | 3193 | 3194 | rBV2 | 691    | 625     | 0.03%  | 0.004% |
| 70 | 11.482 | 3219 | 3232 | 3257 | rBV  | 818890 | 1309495 | 68.70% | 8.863% |
| 71 | 11.858 | 3336 | 3349 | 3372 | rBV  | 853320 | 1406080 | 73.77% | 9.516% |

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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\SOMULM031319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 72  | 12.321 | 3489 | 3493 | 3496 | rVV4 | 555  | 441  | 0.02% | 0.003% |
| 73  | 12.482 | 3541 | 3543 | 3551 | rVB3 | 1685 | 1559 | 0.08% | 0.011% |
| 74  | 12.565 | 3564 | 3569 | 3576 | rVB2 | 1244 | 1615 | 0.08% | 0.011% |
| 75  | 12.675 | 3600 | 3603 | 3605 | rBV2 | 832  | 544  | 0.03% | 0.004% |
| 76  | 12.742 | 3621 | 3624 | 3626 | rBV  | 796  | 466  | 0.02% | 0.003% |
| 77  | 12.816 | 3644 | 3647 | 3651 | rVB  | 880  | 611  | 0.03% | 0.004% |
| 78  | 12.948 | 3685 | 3688 | 3690 | rBV3 | 845  | 546  | 0.03% | 0.004% |
| 79  | 13.073 | 3721 | 3727 | 3731 | rBV3 | 1248 | 1814 | 0.10% | 0.012% |
| 80  | 13.202 | 3764 | 3767 | 3772 | rVB  | 671  | 630  | 0.03% | 0.004% |
| 81  | 13.257 | 3778 | 3784 | 3785 | rBV2 | 683  | 668  | 0.04% | 0.005% |
| 82  | 13.302 | 3796 | 3798 | 3802 | rVB2 | 681  | 408  | 0.02% | 0.003% |
| 83  | 13.347 | 3809 | 3812 | 3815 | rBV2 | 969  | 677  | 0.04% | 0.005% |
| 84  | 13.376 | 3815 | 3821 | 3825 | rVV2 | 1157 | 1396 | 0.07% | 0.009% |
| 85  | 13.427 | 3833 | 3837 | 3840 | rBV2 | 1310 | 906  | 0.05% | 0.006% |
| 86  | 13.469 | 3845 | 3850 | 3853 | rBV2 | 1486 | 1667 | 0.09% | 0.011% |
| 87  | 13.530 | 3862 | 3869 | 3871 | rBV3 | 1154 | 1354 | 0.07% | 0.009% |
| 88  | 13.543 | 3871 | 3873 | 3880 | rVB3 | 1328 | 1382 | 0.07% | 0.009% |
| 89  | 13.591 | 3885 | 3888 | 3889 | rBV2 | 656  | 452  | 0.02% | 0.003% |
| 90  | 13.726 | 3926 | 3930 | 3932 | rBV2 | 1004 | 780  | 0.04% | 0.005% |
| 91  | 13.768 | 3938 | 3943 | 3945 | rBV3 | 1153 | 1178 | 0.06% | 0.008% |
| 92  | 14.327 | 4114 | 4117 | 4123 | rVB3 | 1655 | 1560 | 0.08% | 0.011% |
| 93  | 14.360 | 4123 | 4127 | 4130 | rBV2 | 1105 | 926  | 0.05% | 0.006% |
| 94  | 14.446 | 4150 | 4154 | 4155 | rBV3 | 596  | 462  | 0.02% | 0.003% |
| 95  | 14.565 | 4188 | 4191 | 4193 | rBV3 | 831  | 523  | 0.03% | 0.004% |
| 96  | 14.771 | 4253 | 4255 | 4259 | rVB2 | 940  | 587  | 0.03% | 0.004% |
| 97  | 15.064 | 4342 | 4346 | 4352 | rBV3 | 1025 | 931  | 0.05% | 0.006% |
| 98  | 15.109 | 4358 | 4360 | 4365 | rBV3 | 884  | 902  | 0.05% | 0.006% |
| 99  | 15.321 | 4423 | 4426 | 4429 | rVB2 | 1245 | 775  | 0.04% | 0.005% |
| 100 | 15.675 | 4534 | 4536 | 4538 | rBV2 | 834  | 467  | 0.02% | 0.003% |

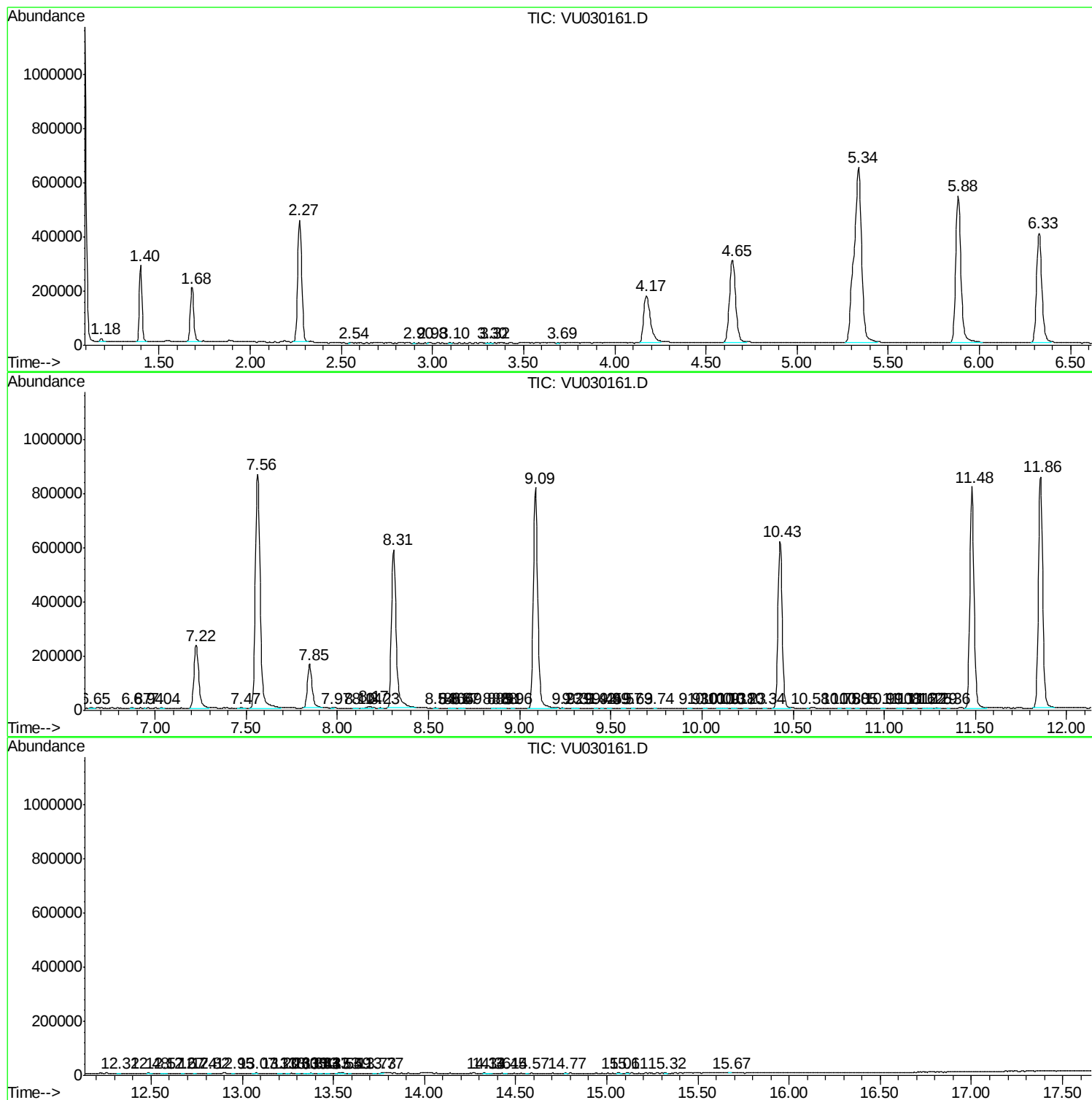
Sum of corrected areas: 14775583

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU031819\  
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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        |