

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\  
 Data File : VU031418.D  
 Acq On : 23 Apr 2019 02:44  
 Operator : JC/SP  
 Sample : K2478-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## 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\SOMULM042319WMA.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       | 24            | 28          | 35           | rBV      | 14986          | 13110         | 0.50%           | 0.065%        |
| 2         | 1.396       | 88            | 95          | 107          | rBV      | 383899         | 414992        | 15.80%          | 2.070%        |
| 3         | 1.682       | 176           | 184         | 196          | rBV      | 293416         | 373926        | 14.24%          | 1.865%        |
| 4         | 2.270       | 356           | 367         | 382          | rBV      | 649152         | 978939        | 37.28%          | 4.884%        |
| 5         | 2.698       | 493           | 500         | 508          | rBV7     | 2257           | 3712          | 0.14%           | 0.019%        |
| 6         | 2.765       | 518           | 521         | 524          | rVB3     | 782            | 529           | 0.02%           | 0.003%        |
| 7         | 2.785       | 524           | 527         | 532          | rVB3     | 898            | 626           | 0.02%           | 0.003%        |
| 8         | 2.849       | 544           | 547         | 553          | rBV3     | 1674           | 1601          | 0.06%           | 0.008%        |
| 9         | 2.939       | 571           | 575         | 578          | rVB2     | 1036           | 834           | 0.03%           | 0.004%        |
| 10        | 2.965       | 578           | 583         | 584          | rBV3     | 843            | 686           | 0.03%           | 0.003%        |
| 11        | 3.148       | 636           | 640         | 644          | rBV3     | 740            | 743           | 0.03%           | 0.004%        |
| 12        | 3.199       | 650           | 656         | 661          | rBV4     | 856            | 1352          | 0.05%           | 0.007%        |
| 13        | 3.553       | 760           | 766         | 768          | rBV2     | 971            | 917           | 0.03%           | 0.005%        |
| 14        | 3.579       | 772           | 774         | 777          | rVV2     | 1185           | 905           | 0.03%           | 0.005%        |
| 15        | 3.595       | 777           | 779         | 782          | rVV4     | 1320           | 876           | 0.03%           | 0.004%        |
| 16        | 3.617       | 783           | 786         | 790          | rVV2     | 847            | 672           | 0.03%           | 0.003%        |
| 17        | 3.640       | 790           | 793         | 797          | rVV2     | 640            | 533           | 0.02%           | 0.003%        |
| 18        | 3.666       | 797           | 801         | 805          | rVV2     | 1276           | 1023          | 0.04%           | 0.005%        |
| 19        | 3.688       | 805           | 808         | 813          | rVV      | 888            | 674           | 0.03%           | 0.003%        |
| 20        | 3.723       | 814           | 819         | 825          | rVV3     | 523            | 618           | 0.02%           | 0.003%        |
| 21        | 3.759       | 825           | 830         | 837          | rVB4     | 1369           | 1813          | 0.07%           | 0.009%        |
| 22        | 3.826       | 848           | 851         | 854          | rBV3     | 650            | 531           | 0.02%           | 0.003%        |
| 23        | 3.881       | 865           | 868         | 873          | rVV3     | 612            | 548           | 0.02%           | 0.003%        |
| 24        | 3.945       | 882           | 888         | 891          | rVB3     | 703            | 681           | 0.03%           | 0.003%        |
| 25        | 4.084       | 928           | 931         | 933          | rBV2     | 931            | 559           | 0.02%           | 0.003%        |
| 26        | 4.190       | 951           | 964         | 1001         | rBV2     | 214808         | 682986        | 26.01%          | 3.407%        |
| 27        | 4.643       | 1087          | 1105        | 1124         | rBV      | 423888         | 998022        | 38.01%          | 4.979%        |
| 28        | 4.878       | 1175          | 1178        | 1180         | rBV2     | 1190           | 813           | 0.03%           | 0.004%        |
| 29        | 4.987       | 1209          | 1212        | 1215         | rVV3     | 1459           | 1110          | 0.04%           | 0.006%        |
| 30        | 5.035       | 1224          | 1227        | 1231         | rBV3     | 887            | 831           | 0.03%           | 0.004%        |
| 31        | 5.055       | 1231          | 1233        | 1238         | rVB4     | 854            | 553           | 0.02%           | 0.003%        |
| 32        | 5.215       | 1279          | 1283        | 1285         | rBV3     | 1136           | 615           | 0.02%           | 0.003%        |
| 33        | 5.334       | 1297          | 1320        | 1353         | rBV2     | 880337         | 2625861       | 100.00%         | 13.100%       |
| 34        | 5.675       | 1422          | 1426        | 1432         | rBV7     | 1354           | 1492          | 0.06%           | 0.007%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042319WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |        |         |
|----|-------|------|------|------|------|---------|---------|--------|---------|
| 35 | 5.710 | 1435 | 1437 | 1441 | rVB2 | 1086    | 545     | 0.02%  | 0.003%  |
| 36 | 5.743 | 1443 | 1447 | 1449 | rBV3 | 1160    | 1001    | 0.04%  | 0.005%  |
| 37 | 5.884 | 1474 | 1491 | 1546 | rBV  | 774201  | 1645189 | 62.65% | 8.208%  |
| 38 | 6.103 | 1556 | 1559 | 1563 | rVB3 | 1855    | 1281    | 0.05%  | 0.006%  |
| 39 | 6.183 | 1571 | 1584 | 1612 | rBV2 | 223087  | 463697  | 17.66% | 2.313%  |
| 40 | 6.328 | 1615 | 1629 | 1662 | rVV  | 546472  | 1145813 | 43.64% | 5.716%  |
| 41 | 6.643 | 1722 | 1727 | 1731 | rBV3 | 946     | 1209    | 0.05%  | 0.006%  |
| 42 | 6.694 | 1739 | 1743 | 1752 | rVB5 | 897     | 1247    | 0.05%  | 0.006%  |
| 43 | 6.788 | 1770 | 1772 | 1777 | rBV  | 914     | 782     | 0.03%  | 0.004%  |
| 44 | 6.871 | 1792 | 1798 | 1799 | rBV  | 826     | 633     | 0.02%  | 0.003%  |
| 45 | 6.929 | 1807 | 1816 | 1822 | rBV3 | 1214    | 1917    | 0.07%  | 0.010%  |
| 46 | 7.048 | 1848 | 1853 | 1858 | rVB4 | 1039    | 987     | 0.04%  | 0.005%  |
| 47 | 7.083 | 1860 | 1864 | 1865 | rBV  | 896     | 614     | 0.02%  | 0.003%  |
| 48 | 7.119 | 1872 | 1875 | 1878 | rBV3 | 860     | 651     | 0.02%  | 0.003%  |
| 49 | 7.225 | 1895 | 1908 | 1933 | rBV  | 296650  | 568941  | 21.67% | 2.838%  |
| 50 | 7.373 | 1952 | 1954 | 1960 | rVB5 | 1176    | 808     | 0.03%  | 0.004%  |
| 51 | 7.473 | 1978 | 1985 | 1988 | rBV3 | 1206    | 1279    | 0.05%  | 0.006%  |
| 52 | 7.563 | 1994 | 2013 | 2043 | rBV  | 1129629 | 2066727 | 78.71% | 10.311% |
| 53 | 7.849 | 2091 | 2102 | 2124 | rBV  | 191051  | 365563  | 13.92% | 1.824%  |
| 54 | 7.977 | 2139 | 2142 | 2146 | rVB5 | 1318    | 909     | 0.03%  | 0.005%  |
| 55 | 8.013 | 2151 | 2153 | 2157 | rVB2 | 1314    | 740     | 0.03%  | 0.004%  |
| 56 | 8.035 | 2157 | 2160 | 2165 | rVB3 | 923     | 661     | 0.03%  | 0.003%  |
| 57 | 8.090 | 2174 | 2177 | 2181 | rVB2 | 867     | 684     | 0.03%  | 0.003%  |
| 58 | 8.109 | 2181 | 2183 | 2188 | rBV2 | 998     | 776     | 0.03%  | 0.004%  |
| 59 | 8.170 | 2199 | 2202 | 2203 | rBV3 | 1192    | 723     | 0.03%  | 0.004%  |
| 60 | 8.228 | 2211 | 2220 | 2230 | rBV5 | 12930   | 23545   | 0.90%  | 0.117%  |
| 61 | 8.312 | 2235 | 2246 | 2285 | rBV  | 790702  | 1493529 | 56.88% | 7.451%  |
| 62 | 8.849 | 2410 | 2413 | 2417 | rBV3 | 900     | 850     | 0.03%  | 0.004%  |
| 63 | 8.945 | 2439 | 2443 | 2447 | rVB4 | 780     | 705     | 0.03%  | 0.004%  |
| 64 | 8.993 | 2456 | 2458 | 2462 | rVB2 | 952     | 590     | 0.02%  | 0.003%  |
| 65 | 9.035 | 2465 | 2471 | 2474 | rBV4 | 904     | 951     | 0.04%  | 0.005%  |
| 66 | 9.087 | 2474 | 2487 | 2520 | rBV  | 1087182 | 1885395 | 71.80% | 9.406%  |
| 67 | 9.460 | 2601 | 2603 | 2611 | rVB5 | 620     | 760     | 0.03%  | 0.004%  |
| 68 | 9.575 | 2636 | 2639 | 2641 | rBV3 | 1168    | 680     | 0.03%  | 0.003%  |
| 69 | 9.765 | 2692 | 2698 | 2701 | rVB4 | 772     | 691     | 0.03%  | 0.003%  |
| 70 | 9.849 | 2721 | 2724 | 2727 | rVB3 | 831     | 532     | 0.02%  | 0.003%  |
| 71 | 9.874 | 2727 | 2732 | 2734 | rBV2 | 684     | 691     | 0.03%  | 0.003%  |

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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\SOMULM042319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.115 | 2803 | 2807 | 2811 | rBV3 | 710    | 595     | 0.02%  | 0.003% |
| 73  | 10.244 | 2844 | 2847 | 2852 | rVB  | 935    | 693     | 0.03%  | 0.003% |
| 74  | 10.315 | 2866 | 2869 | 2873 | rVB3 | 669    | 543     | 0.02%  | 0.003% |
| 75  | 10.427 | 2892 | 2904 | 2922 | rBV  | 748333 | 1208916 | 46.04% | 6.031% |
| 76  | 10.607 | 2953 | 2960 | 2966 | rVB7 | 1788   | 2321    | 0.09%  | 0.012% |
| 77  | 10.720 | 2989 | 2995 | 2998 | rVB4 | 1004   | 1039    | 0.04%  | 0.005% |
| 78  | 10.781 | 3011 | 3014 | 3017 | rVB2 | 916    | 572     | 0.02%  | 0.003% |
| 79  | 10.797 | 3017 | 3019 | 3024 | rBV2 | 675    | 564     | 0.02%  | 0.003% |
| 80  | 11.074 | 3099 | 3105 | 3107 | rBV3 | 995    | 1051    | 0.04%  | 0.005% |
| 81  | 11.202 | 3141 | 3145 | 3149 | rBV3 | 1231   | 1182    | 0.05%  | 0.006% |
| 82  | 11.257 | 3159 | 3162 | 3167 | rVB2 | 1265   | 1122    | 0.04%  | 0.006% |
| 83  | 11.308 | 3172 | 3178 | 3180 | rBV2 | 556    | 652     | 0.02%  | 0.003% |
| 84  | 11.337 | 3184 | 3187 | 3189 | rBV2 | 1006   | 642     | 0.02%  | 0.003% |
| 85  | 11.369 | 3193 | 3197 | 3199 | rBV3 | 781    | 687     | 0.03%  | 0.003% |
| 86  | 11.479 | 3219 | 3231 | 3254 | rBV  | 901888 | 1497600 | 57.03% | 7.471% |
| 87  | 11.713 | 3301 | 3304 | 3307 | rBV4 | 1342   | 1080    | 0.04%  | 0.005% |
| 88  | 11.855 | 3336 | 3348 | 3377 | rBV  | 899186 | 1518362 | 57.82% | 7.575% |
| 89  | 12.385 | 3510 | 3513 | 3516 | rBV2 | 1028   | 640     | 0.02%  | 0.003% |
| 90  | 12.459 | 3531 | 3536 | 3538 | rBV2 | 1353   | 1040    | 0.04%  | 0.005% |
| 91  | 12.559 | 3565 | 3567 | 3572 | rVB2 | 930    | 601     | 0.02%  | 0.003% |
| 92  | 12.588 | 3572 | 3576 | 3577 | rBV2 | 851    | 652     | 0.02%  | 0.003% |
| 93  | 12.755 | 3625 | 3628 | 3632 | rBV2 | 674    | 606     | 0.02%  | 0.003% |
| 94  | 13.286 | 3790 | 3793 | 3796 | rVB2 | 1058   | 627     | 0.02%  | 0.003% |
| 95  | 13.305 | 3796 | 3799 | 3802 | rBV2 | 848    | 573     | 0.02%  | 0.003% |
| 96  | 13.418 | 3828 | 3834 | 3836 | rBV3 | 1161   | 1237    | 0.05%  | 0.006% |
| 97  | 13.588 | 3884 | 3887 | 3890 | rBV2 | 1128   | 970     | 0.04%  | 0.005% |
| 98  | 13.800 | 3948 | 3953 | 3955 | rBV4 | 1533   | 1546    | 0.06%  | 0.008% |
| 99  | 14.800 | 4260 | 4264 | 4267 | rBV3 | 1766   | 1405    | 0.05%  | 0.007% |
| 100 | 14.935 | 4303 | 4306 | 4307 | rBV2 | 1506   | 793     | 0.03%  | 0.004% |

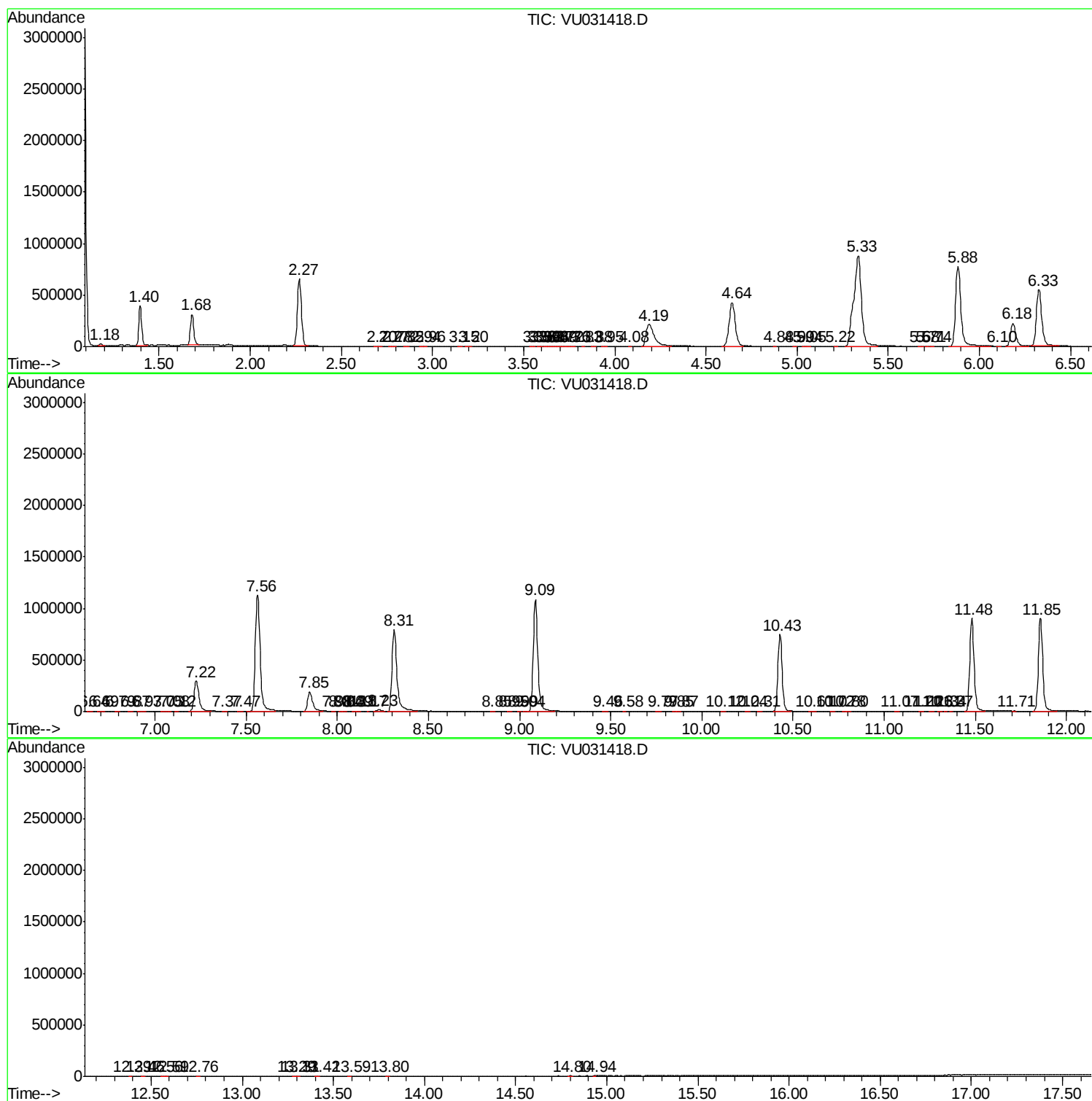
Sum of corrected areas: 20044290

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042319WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU042319\  
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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          |