

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\  
 Data File : VU034797.D  
 Acq On : 25 Sep 2019 12:56  
 Operator : JC/SP  
 Sample : K4932-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 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\SOMULM091919WMA.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         | 1.177       | 24            | 27          | 33           | rVB2     | 5530           | 4721          | 0.19%           | 0.026%        |
| 2         | 1.389       | 86            | 93          | 109          | rVB      | 350753         | 381365        | 15.58%          | 2.119%        |
| 3         | 1.669       | 173           | 180         | 193          | rVB      | 312463         | 390099        | 15.93%          | 2.167%        |
| 4         | 2.257       | 353           | 363         | 381          | rVB      | 547273         | 860173        | 35.13%          | 4.778%        |
| 5         | 2.547       | 451           | 453         | 456          | rBV2     | 1586           | 1011          | 0.04%           | 0.006%        |
| 6         | 2.563       | 456           | 458         | 464          | rVB7     | 1924           | 1962          | 0.08%           | 0.011%        |
| 7         | 2.685       | 489           | 496         | 502          | rBV6     | 5948           | 8036          | 0.33%           | 0.045%        |
| 8         | 2.817       | 526           | 537         | 539          | rBV3     | 11384          | 15693         | 0.64%           | 0.087%        |
| 9         | 2.958       | 579           | 581         | 588          | rVB7     | 1419           | 1313          | 0.05%           | 0.007%        |
| 10        | 3.029       | 601           | 603         | 609          | rVB6     | 1315           | 1005          | 0.04%           | 0.006%        |
| 11        | 3.055       | 609           | 611         | 616          | rBV4     | 962            | 836           | 0.03%           | 0.005%        |
| 12        | 3.138       | 633           | 637         | 639          | rBV4     | 1203           | 1117          | 0.05%           | 0.006%        |
| 13        | 3.251       | 669           | 672         | 674          | rBV3     | 1708           | 1121          | 0.05%           | 0.006%        |
| 14        | 3.341       | 696           | 700         | 705          | rVB5     | 1487           | 1335          | 0.05%           | 0.007%        |
| 15        | 3.518       | 752           | 755         | 760          | rBV4     | 1270           | 1094          | 0.04%           | 0.006%        |
| 16        | 3.585       | 770           | 776         | 778          | rBV5     | 1026           | 994           | 0.04%           | 0.006%        |
| 17        | 3.704       | 809           | 813         | 818          | rBV6     | 1354           | 1411          | 0.06%           | 0.008%        |
| 18        | 3.752       | 824           | 828         | 830          | rVV4     | 1215           | 772           | 0.03%           | 0.004%        |
| 19        | 4.000       | 903           | 905         | 909          | rVB2     | 1272           | 816           | 0.03%           | 0.005%        |
| 20        | 4.026       | 909           | 913         | 915          | rBV4     | 977            | 806           | 0.03%           | 0.004%        |
| 21        | 4.090       | 926           | 933         | 936          | rVB6     | 1479           | 1676          | 0.07%           | 0.009%        |
| 22        | 4.161       | 941           | 955         | 982          | rBV      | 223024         | 656025        | 26.80%          | 3.644%        |
| 23        | 4.624       | 1082          | 1099        | 1121         | rBV2     | 381096         | 919693        | 37.57%          | 5.109%        |
| 24        | 4.720       | 1127          | 1129        | 1135         | rVB6     | 1968           | 1288          | 0.05%           | 0.007%        |
| 25        | 4.772       | 1142          | 1145        | 1147         | rBV4     | 1866           | 1153          | 0.05%           | 0.006%        |
| 26        | 4.810       | 1154          | 1157        | 1160         | rVB3     | 1806           | 1054          | 0.04%           | 0.006%        |
| 27        | 5.225       | 1283          | 1286        | 1289         | rVB3     | 1631           | 913           | 0.04%           | 0.005%        |
| 28        | 5.315       | 1289          | 1314        | 1340         | rBV2     | 829971         | 2448253       | 100.00%         | 13.600%       |
| 29        | 5.730       | 1440          | 1443        | 1448         | rVB6     | 1461           | 1316          | 0.05%           | 0.007%        |
| 30        | 5.865       | 1471          | 1485        | 1509         | rBV      | 583130         | 1164619       | 47.57%          | 6.470%        |
| 31        | 6.000       | 1525          | 1527        | 1531         | rVB5     | 1589           | 1014          | 0.04%           | 0.006%        |
| 32        | 6.122       | 1562          | 1565        | 1568         | rBV5     | 1309           | 1105          | 0.05%           | 0.006%        |
| 33        | 6.138       | 1568          | 1570        | 1572         | rBV3     | 1996           | 1020          | 0.04%           | 0.006%        |
| 34        | 6.151       | 1572          | 1574        | 1577         | rBV3     | 1686           | 1162          | 0.05%           | 0.006%        |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.228  | 1596 | 1598 | 1603 | rBV5 | 1165    | 840     | 0.03%  | 0.005%  |
| 36 | 6.308  | 1608 | 1623 | 1649 | rBV2 | 547851  | 1140290 | 46.58% | 6.334%  |
| 37 | 6.707  | 1743 | 1747 | 1750 | rBV5 | 1149    | 833     | 0.03%  | 0.005%  |
| 38 | 6.791  | 1770 | 1773 | 1777 | rVB3 | 1196    | 1071    | 0.04%  | 0.006%  |
| 39 | 6.826  | 1777 | 1784 | 1786 | rBV7 | 1401    | 1535    | 0.06%  | 0.009%  |
| 40 | 6.852  | 1789 | 1792 | 1795 | rBV3 | 1247    | 1036    | 0.04%  | 0.006%  |
| 41 | 6.948  | 1820 | 1822 | 1826 | rVB3 | 1651    | 1188    | 0.05%  | 0.007%  |
| 42 | 6.971  | 1826 | 1829 | 1833 | rBV3 | 1323    | 1055    | 0.04%  | 0.006%  |
| 43 | 7.029  | 1843 | 1847 | 1853 | rVB9 | 1690    | 2055    | 0.08%  | 0.011%  |
| 44 | 7.058  | 1853 | 1856 | 1859 | rBV3 | 1307    | 849     | 0.03%  | 0.005%  |
| 45 | 7.206  | 1887 | 1902 | 1925 | rBV2 | 314266  | 598409  | 24.44% | 3.324%  |
| 46 | 7.543  | 1993 | 2007 | 2030 | rBV  | 1115291 | 1975126 | 80.67% | 10.972% |
| 47 | 7.829  | 2085 | 2096 | 2122 | rBV  | 207161  | 391292  | 15.98% | 2.174%  |
| 48 | 8.087  | 2173 | 2176 | 2181 | rVB7 | 1201    | 840     | 0.03%  | 0.005%  |
| 49 | 8.202  | 2206 | 2212 | 2214 | rBV6 | 2804    | 2886    | 0.12%  | 0.016%  |
| 50 | 8.292  | 2228 | 2240 | 2275 | rBV  | 741291  | 1420187 | 58.01% | 7.889%  |
| 51 | 8.656  | 2350 | 2353 | 2356 | rVB5 | 1226    | 993     | 0.04%  | 0.006%  |
| 52 | 8.685  | 2359 | 2362 | 2365 | rVB3 | 1539    | 1197    | 0.05%  | 0.007%  |
| 53 | 8.849  | 2409 | 2413 | 2418 | rBV6 | 1493    | 1757    | 0.07%  | 0.010%  |
| 54 | 8.948  | 2440 | 2444 | 2448 | rVB5 | 1842    | 1835    | 0.07%  | 0.010%  |
| 55 | 9.067  | 2468 | 2481 | 2507 | rBV  | 828803  | 1438016 | 58.74% | 7.988%  |
| 56 | 9.337  | 2561 | 2565 | 2566 | rBV2 | 1458    | 859     | 0.04%  | 0.005%  |
| 57 | 9.540  | 2623 | 2628 | 2629 | rBV3 | 972     | 844     | 0.03%  | 0.005%  |
| 58 | 9.611  | 2646 | 2650 | 2652 | rBV3 | 1757    | 1325    | 0.05%  | 0.007%  |
| 59 | 9.768  | 2695 | 2699 | 2701 | rBV4 | 1406    | 1226    | 0.05%  | 0.007%  |
| 60 | 9.781  | 2701 | 2703 | 2709 | rVB5 | 2031    | 1723    | 0.07%  | 0.010%  |
| 61 | 9.813  | 2709 | 2713 | 2716 | rBV4 | 1178    | 1176    | 0.05%  | 0.007%  |
| 62 | 9.887  | 2734 | 2736 | 2740 | rBV3 | 1222    | 962     | 0.04%  | 0.005%  |
| 63 | 10.144 | 2812 | 2816 | 2818 | rVV4 | 1292    | 996     | 0.04%  | 0.006%  |
| 64 | 10.408 | 2886 | 2898 | 2921 | rBV  | 710957  | 1170398 | 47.81% | 6.502%  |
| 65 | 10.582 | 2946 | 2952 | 2957 | rVV8 | 2108    | 2581    | 0.11%  | 0.014%  |
| 66 | 10.604 | 2957 | 2959 | 2962 | rVB4 | 1242    | 811     | 0.03%  | 0.005%  |
| 67 | 10.710 | 2988 | 2992 | 2994 | rBV2 | 1217    | 871     | 0.04%  | 0.005%  |
| 68 | 11.064 | 3099 | 3102 | 3104 | rBV4 | 1683    | 1001    | 0.04%  | 0.006%  |
| 69 | 11.119 | 3116 | 3119 | 3121 | rBV2 | 1293    | 910     | 0.04%  | 0.005%  |
| 70 | 11.131 | 3121 | 3123 | 3129 | rVV5 | 1714    | 1891    | 0.08%  | 0.011%  |
| 71 | 11.244 | 3156 | 3158 | 3162 | rVB3 | 1223    | 898     | 0.04%  | 0.005%  |

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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\_U\METHOD\SOMULM091919WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 11.270 | 3162 | 3166 | 3169 | rBV3 | 979    | 1019    | 0.04%  | 0.006% |
| 73  | 11.334 | 3181 | 3186 | 3189 | rBV5 | 1235   | 1187    | 0.05%  | 0.007% |
| 74  | 11.392 | 3198 | 3204 | 3207 | rBV8 | 2051   | 2390    | 0.10%  | 0.013% |
| 75  | 11.459 | 3213 | 3225 | 3246 | rBV  | 790725 | 1293960 | 52.85% | 7.188% |
| 76  | 11.675 | 3288 | 3292 | 3297 | rBV7 | 2184   | 2038    | 0.08%  | 0.011% |
| 77  | 11.836 | 3329 | 3342 | 3366 | rBV  | 972092 | 1629039 | 66.54% | 9.050% |
| 78  | 12.234 | 3463 | 3466 | 3467 | rBV3 | 1488   | 883     | 0.04%  | 0.005% |
| 79  | 12.302 | 3484 | 3487 | 3491 | rVB6 | 1218   | 799     | 0.03%  | 0.004% |
| 80  | 12.437 | 3526 | 3529 | 3531 | rBV3 | 1345   | 986     | 0.04%  | 0.005% |
| 81  | 12.549 | 3561 | 3564 | 3570 | rVB5 | 1514   | 1552    | 0.06%  | 0.009% |
| 82  | 12.594 | 3574 | 3578 | 3580 | rBV4 | 1264   | 913     | 0.04%  | 0.005% |
| 83  | 12.607 | 3580 | 3582 | 3585 | rVB3 | 1715   | 898     | 0.04%  | 0.005% |
| 84  | 12.836 | 3649 | 3653 | 3655 | rBV4 | 1418   | 1184    | 0.05%  | 0.007% |
| 85  | 12.893 | 3668 | 3671 | 3675 | rBV3 | 1386   | 1058    | 0.04%  | 0.006% |
| 86  | 13.041 | 3712 | 3717 | 3719 | rBV4 | 1201   | 1083    | 0.04%  | 0.006% |
| 87  | 13.128 | 3742 | 3744 | 3747 | rBV4 | 954    | 765     | 0.03%  | 0.004% |
| 88  | 13.347 | 3809 | 3812 | 3814 | rBV3 | 2413   | 1628    | 0.07%  | 0.009% |
| 89  | 13.469 | 3848 | 3850 | 3855 | rVB4 | 1444   | 852     | 0.03%  | 0.005% |
| 90  | 13.527 | 3865 | 3868 | 3870 | rVB2 | 1675   | 991     | 0.04%  | 0.006% |
| 91  | 13.646 | 3903 | 3905 | 3910 | rVB4 | 2554   | 1589    | 0.06%  | 0.009% |
| 92  | 13.672 | 3910 | 3913 | 3916 | rBV3 | 1268   | 985     | 0.04%  | 0.005% |
| 93  | 13.723 | 3927 | 3929 | 3933 | rVB4 | 1085   | 784     | 0.03%  | 0.004% |
| 94  | 13.749 | 3933 | 3937 | 3939 | rBV5 | 1313   | 967     | 0.04%  | 0.005% |
| 95  | 13.909 | 3985 | 3987 | 3993 | rVB7 | 2142   | 1231    | 0.05%  | 0.007% |
| 96  | 14.318 | 4112 | 4114 | 4116 | rBV2 | 1878   | 811     | 0.03%  | 0.005% |
| 97  | 14.356 | 4123 | 4126 | 4127 | rBV4 | 1408   | 945     | 0.04%  | 0.005% |
| 98  | 14.430 | 4147 | 4149 | 4151 | rBV2 | 2185   | 1100    | 0.04%  | 0.006% |
| 99  | 14.897 | 4291 | 4294 | 4296 | rBV4 | 1264   | 827     | 0.03%  | 0.005% |
| 100 | 15.128 | 4364 | 4366 | 4369 | rBV3 | 1625   | 1074    | 0.04%  | 0.006% |

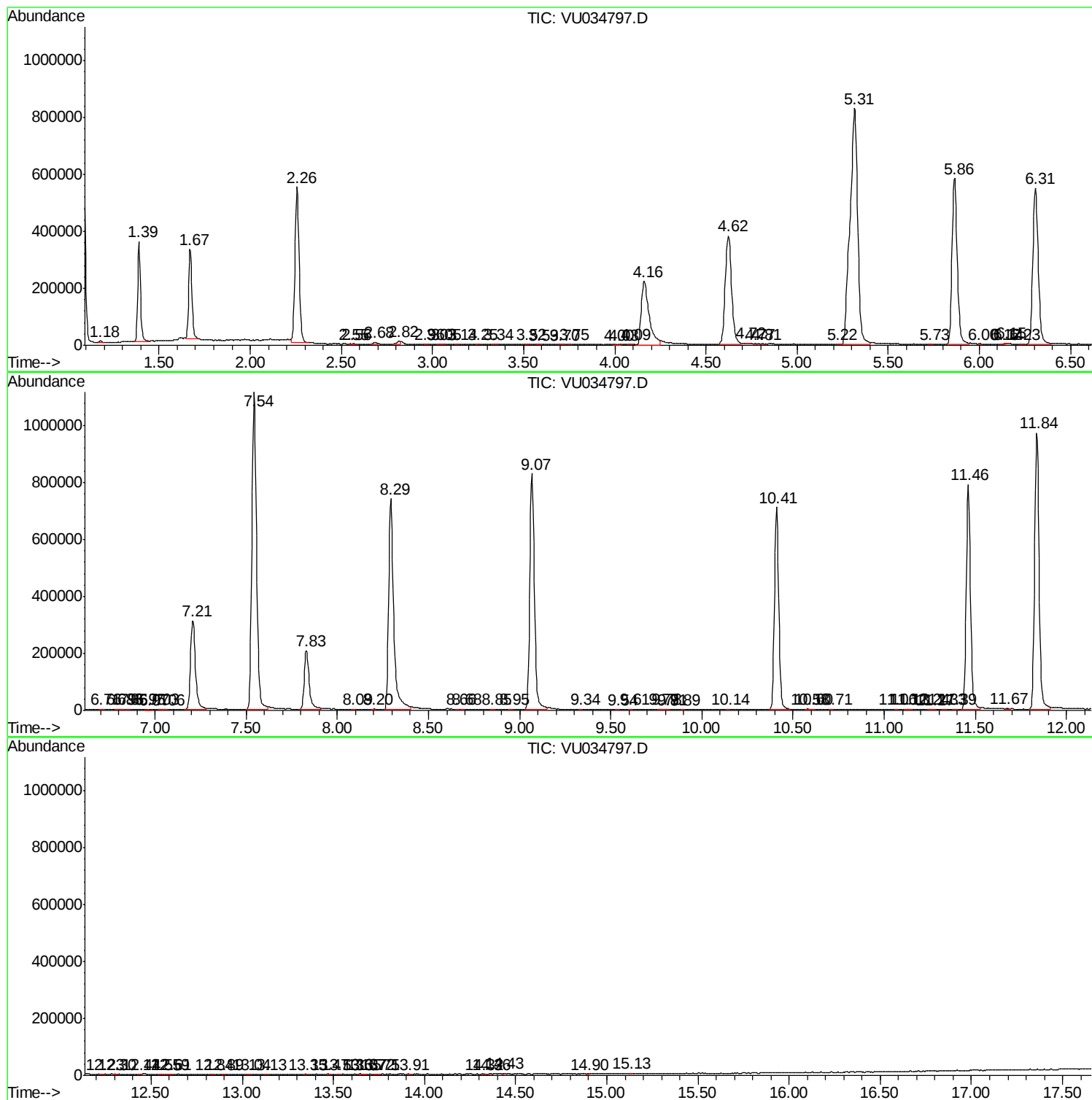
Sum of corrected areas: 18001271

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU092519\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.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          |