

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
 Data File : VU031557.D  
 Acq On : 27 Apr 2019 01:49  
 Operator : JC/SP  
 Sample : K2592-10 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0X03

## 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\SOMULM042719WMA.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          | 42           | rBV2     | 21890          | 27474         | 0.27%           | 0.071%        |
| 2         | 1.396       | 87            | 95          | 107          | rBV      | 548133         | 599438        | 5.99%           | 1.558%        |
| 3         | 1.679       | 175           | 183         | 196          | rBV      | 419210         | 523094        | 5.23%           | 1.359%        |
| 4         | 1.884       | 239           | 247         | 262          | rVB      | 87024          | 129802        | 1.30%           | 0.337%        |
| 5         | 2.270       | 356           | 367         | 381          | rVB      | 897723         | 1367635       | 13.67%          | 3.554%        |
| 6         | 2.505       | 438           | 440         | 446          | rVB5     | 1754           | 1320          | 0.01%           | 0.003%        |
| 7         | 2.826       | 532           | 540         | 542          | rBV7     | 1173           | 1629          | 0.02%           | 0.004%        |
| 8         | 2.887       | 554           | 559         | 561          | rBV3     | 980            | 828           | 0.01%           | 0.002%        |
| 9         | 2.923       | 567           | 570         | 573          | rVB3     | 1422           | 871           | 0.01%           | 0.002%        |
| 10        | 2.955       | 574           | 580         | 584          | rBV4     | 1611           | 1530          | 0.02%           | 0.004%        |
| 11        | 3.032       | 600           | 604         | 610          | rVB3     | 1070           | 1093          | 0.01%           | 0.003%        |
| 12        | 3.260       | 672           | 675         | 678          | rVB3     | 1292           | 785           | 0.01%           | 0.002%        |
| 13        | 3.370       | 705           | 709         | 712          | rVB2     | 1404           | 1153          | 0.01%           | 0.003%        |
| 14        | 3.389       | 712           | 715         | 719          | rBV3     | 1479           | 1390          | 0.01%           | 0.004%        |
| 15        | 3.428       | 724           | 727         | 731          | rVB2     | 1665           | 1371          | 0.01%           | 0.004%        |
| 16        | 3.466       | 731           | 739         | 743          | rBV3     | 919            | 1530          | 0.02%           | 0.004%        |
| 17        | 3.492       | 743           | 747         | 750          | rVB3     | 1154           | 818           | 0.01%           | 0.002%        |
| 18        | 3.521       | 750           | 756         | 757          | rBV3     | 939            | 813           | 0.01%           | 0.002%        |
| 19        | 3.579       | 770           | 774         | 779          | rVB4     | 1286           | 1145          | 0.01%           | 0.003%        |
| 20        | 3.604       | 779           | 782         | 787          | rBV2     | 1842           | 1448          | 0.01%           | 0.004%        |
| 21        | 3.633       | 787           | 791         | 795          | rVB3     | 1034           | 893           | 0.01%           | 0.002%        |
| 22        | 3.685       | 802           | 807         | 810          | rBV2     | 1308           | 987           | 0.01%           | 0.003%        |
| 23        | 3.727       | 815           | 820         | 823          | rBV5     | 1341           | 1416          | 0.01%           | 0.004%        |
| 24        | 3.884       | 864           | 869         | 874          | rVB4     | 1165           | 1057          | 0.01%           | 0.003%        |
| 25        | 3.942       | 882           | 887         | 889          | rBV      | 1290           | 1105          | 0.01%           | 0.003%        |
| 26        | 3.974       | 894           | 897         | 901          | rBV3     | 961            | 923           | 0.01%           | 0.002%        |
| 27        | 4.100       | 932           | 936         | 941          | rBV4     | 941            | 1099          | 0.01%           | 0.003%        |
| 28        | 4.186       | 949           | 963         | 1002         | rBV      | 355762         | 1117573       | 11.17%          | 2.904%        |
| 29        | 4.643       | 1089          | 1105        | 1130         | rBV2     | 608276         | 1455858       | 14.55%          | 3.783%        |
| 30        | 4.881       | 1176          | 1179        | 1181         | rBV3     | 1921           | 1276          | 0.01%           | 0.003%        |
| 31        | 5.035       | 1225          | 1227        | 1232         | rVB3     | 1223           | 773           | 0.01%           | 0.002%        |
| 32        | 5.064       | 1233          | 1236        | 1238         | rBV4     | 1414           | 848           | 0.01%           | 0.002%        |
| 33        | 5.106       | 1244          | 1249        | 1252         | rBV4     | 1536           | 1645          | 0.02%           | 0.004%        |
| 34        | 5.161       | 1262          | 1266        | 1269         | rBV2     | 2170           | 1704          | 0.02%           | 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\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 35 | 5.334  | 1297 | 1320 | 1353 | rBV2 | 1281123 | 3846333  | 38.44%  | 9.996%  |
| 36 | 5.653  | 1416 | 1419 | 1422 | rBV4 | 1833    | 1524     | 0.02%   | 0.004%  |
| 37 | 5.672  | 1423 | 1425 | 1433 | rVV7 | 3382    | 3176     | 0.03%   | 0.008%  |
| 38 | 5.756  | 1448 | 1451 | 1454 | rVB2 | 1963    | 1187     | 0.01%   | 0.003%  |
| 39 | 5.775  | 1454 | 1457 | 1460 | rVB4 | 1455    | 842      | 0.01%   | 0.002%  |
| 40 | 5.881  | 1476 | 1490 | 1527 | rBV  | 1009363 | 2114244  | 21.13%  | 5.494%  |
| 41 | 6.180  | 1568 | 1583 | 1614 | rBV  | 5063355 | 10006762 | 100.00% | 26.005% |
| 42 | 6.325  | 1618 | 1628 | 1656 | rVB  | 855917  | 1766922  | 17.66%  | 4.592%  |
| 43 | 6.788  | 1770 | 1772 | 1777 | rVB3 | 1872    | 1004     | 0.01%   | 0.003%  |
| 44 | 6.852  | 1788 | 1792 | 1795 | rVB3 | 1273    | 1012     | 0.01%   | 0.003%  |
| 45 | 6.897  | 1801 | 1806 | 1808 | rBV4 | 1228    | 1082     | 0.01%   | 0.003%  |
| 46 | 6.984  | 1829 | 1833 | 1836 | rBV4 | 982     | 1007     | 0.01%   | 0.003%  |
| 47 | 7.038  | 1846 | 1850 | 1855 | rVB5 | 1290    | 1343     | 0.01%   | 0.003%  |
| 48 | 7.164  | 1887 | 1889 | 1895 | rVB3 | 1294    | 1132     | 0.01%   | 0.003%  |
| 49 | 7.225  | 1895 | 1908 | 1936 | rBV  | 434538  | 827796   | 8.27%   | 2.151%  |
| 50 | 7.563  | 1998 | 2013 | 2046 | rBV  | 1550004 | 2894030  | 28.92%  | 7.521%  |
| 51 | 7.849  | 2091 | 2102 | 2131 | rBV  | 283182  | 524056   | 5.24%   | 1.362%  |
| 52 | 8.225  | 2206 | 2219 | 2235 | rBV2 | 201249  | 362233   | 3.62%   | 0.941%  |
| 53 | 8.308  | 2235 | 2245 | 2287 | rVV  | 1199622 | 2340852  | 23.39%  | 6.083%  |
| 54 | 8.849  | 2410 | 2413 | 2418 | rVV3 | 2366    | 2066     | 0.02%   | 0.005%  |
| 55 | 8.874  | 2418 | 2421 | 2429 | rVB7 | 1776    | 2152     | 0.02%   | 0.006%  |
| 56 | 8.910  | 2429 | 2432 | 2434 | rBV2 | 1507    | 882      | 0.01%   | 0.002%  |
| 57 | 8.926  | 2434 | 2437 | 2442 | rVB4 | 1752    | 1498     | 0.01%   | 0.004%  |
| 58 | 8.952  | 2442 | 2445 | 2448 | rVB3 | 1509    | 870      | 0.01%   | 0.002%  |
| 59 | 9.019  | 2462 | 2466 | 2469 | rVB4 | 1389    | 1147     | 0.01%   | 0.003%  |
| 60 | 9.087  | 2473 | 2487 | 2528 | rBV  | 1419232 | 2528027  | 25.26%  | 6.570%  |
| 61 | 9.341  | 2562 | 2566 | 2573 | rVB5 | 1718    | 2199     | 0.02%   | 0.006%  |
| 62 | 9.376  | 2573 | 2577 | 2579 | rBV2 | 1346    | 1139     | 0.01%   | 0.003%  |
| 63 | 9.636  | 2656 | 2658 | 2663 | rVB5 | 1466    | 1128     | 0.01%   | 0.003%  |
| 64 | 9.752  | 2690 | 2694 | 2697 | rBV3 | 1802    | 1765     | 0.02%   | 0.005%  |
| 65 | 9.865  | 2722 | 2729 | 2737 | rVB4 | 2011    | 2939     | 0.03%   | 0.008%  |
| 66 | 9.900  | 2737 | 2740 | 2742 | rBV3 | 1456    | 934      | 0.01%   | 0.002%  |
| 67 | 9.929  | 2746 | 2749 | 2754 | rBV4 | 1330    | 1483     | 0.01%   | 0.004%  |
| 68 | 9.987  | 2764 | 2767 | 2771 | rVB3 | 1160    | 803      | 0.01%   | 0.002%  |
| 69 | 10.013 | 2771 | 2775 | 2777 | rBV3 | 933     | 840      | 0.01%   | 0.002%  |
| 70 | 10.058 | 2785 | 2789 | 2793 | rBV4 | 1305    | 1343     | 0.01%   | 0.003%  |
| 71 | 10.099 | 2798 | 2802 | 2805 | rBV3 | 1473    | 1060     | 0.01%   | 0.003%  |

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Instrument :  
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 C0X03

## 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\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.141 | 2809 | 2815 | 2819 | rBV2 | 1206    | 1371    | 0.01%  | 0.004% |
| 73  | 10.164 | 2819 | 2822 | 2825 | rBV4 | 1734    | 1497    | 0.01%  | 0.004% |
| 74  | 10.241 | 2844 | 2846 | 2852 | rVB3 | 1045    | 849     | 0.01%  | 0.002% |
| 75  | 10.369 | 2881 | 2886 | 2888 | rBV3 | 1052    | 858     | 0.01%  | 0.002% |
| 76  | 10.427 | 2892 | 2904 | 2927 | rBV  | 1087667 | 1770177 | 17.69% | 4.600% |
| 77  | 10.566 | 2944 | 2947 | 2952 | rBV5 | 1575    | 1923    | 0.02%  | 0.005% |
| 78  | 10.800 | 3016 | 3020 | 3022 | rVV2 | 1154    | 820     | 0.01%  | 0.002% |
| 79  | 10.836 | 3026 | 3031 | 3034 | rVB4 | 1679    | 1256    | 0.01%  | 0.003% |
| 80  | 10.852 | 3034 | 3036 | 3040 | rBV3 | 1315    | 1037    | 0.01%  | 0.003% |
| 81  | 10.968 | 3065 | 3072 | 3078 | rBV5 | 1971    | 2852    | 0.03%  | 0.007% |
| 82  | 11.006 | 3081 | 3084 | 3089 | rVB4 | 1422    | 1279    | 0.01%  | 0.003% |
| 83  | 11.058 | 3096 | 3100 | 3102 | rBV2 | 1328    | 920     | 0.01%  | 0.002% |
| 84  | 11.160 | 3127 | 3132 | 3136 | rVB3 | 1211    | 1162    | 0.01%  | 0.003% |
| 85  | 11.263 | 3161 | 3164 | 3170 | rVB6 | 1282    | 982     | 0.01%  | 0.003% |
| 86  | 11.312 | 3176 | 3179 | 3183 | rVB4 | 1443    | 1027    | 0.01%  | 0.003% |
| 87  | 11.479 | 3219 | 3231 | 3256 | rBV  | 1198141 | 1986248 | 19.85% | 5.162% |
| 88  | 11.855 | 3336 | 3348 | 3375 | rBV  | 1318587 | 2189263 | 21.88% | 5.689% |
| 89  | 12.784 | 3632 | 3637 | 3640 | rBV4 | 1293    | 1451    | 0.01%  | 0.004% |
| 90  | 12.884 | 3665 | 3668 | 3669 | rBV3 | 1273    | 835     | 0.01%  | 0.002% |
| 91  | 12.980 | 3694 | 3698 | 3705 | rVB5 | 1611    | 1829    | 0.02%  | 0.005% |
| 92  | 13.115 | 3738 | 3740 | 3746 | rBV3 | 1467    | 859     | 0.01%  | 0.002% |
| 93  | 13.180 | 3758 | 3760 | 3767 | rBV6 | 1314    | 1447    | 0.01%  | 0.004% |
| 94  | 13.228 | 3771 | 3775 | 3776 | rBV2 | 1089    | 807     | 0.01%  | 0.002% |
| 95  | 13.353 | 3811 | 3814 | 3818 | rBV3 | 1243    | 1183    | 0.01%  | 0.003% |
| 96  | 13.424 | 3832 | 3836 | 3838 | rBV2 | 1632    | 1211    | 0.01%  | 0.003% |
| 97  | 13.929 | 3988 | 3993 | 3995 | rBV2 | 1389    | 1451    | 0.01%  | 0.004% |
| 98  | 14.090 | 4040 | 4043 | 4045 | rBV2 | 1659    | 1146    | 0.01%  | 0.003% |
| 99  | 14.263 | 4095 | 4097 | 4100 | rBV2 | 1356    | 893     | 0.01%  | 0.002% |
| 100 | 14.697 | 4229 | 4232 | 4234 | rBV2 | 2574    | 1695    | 0.02%  | 0.004% |

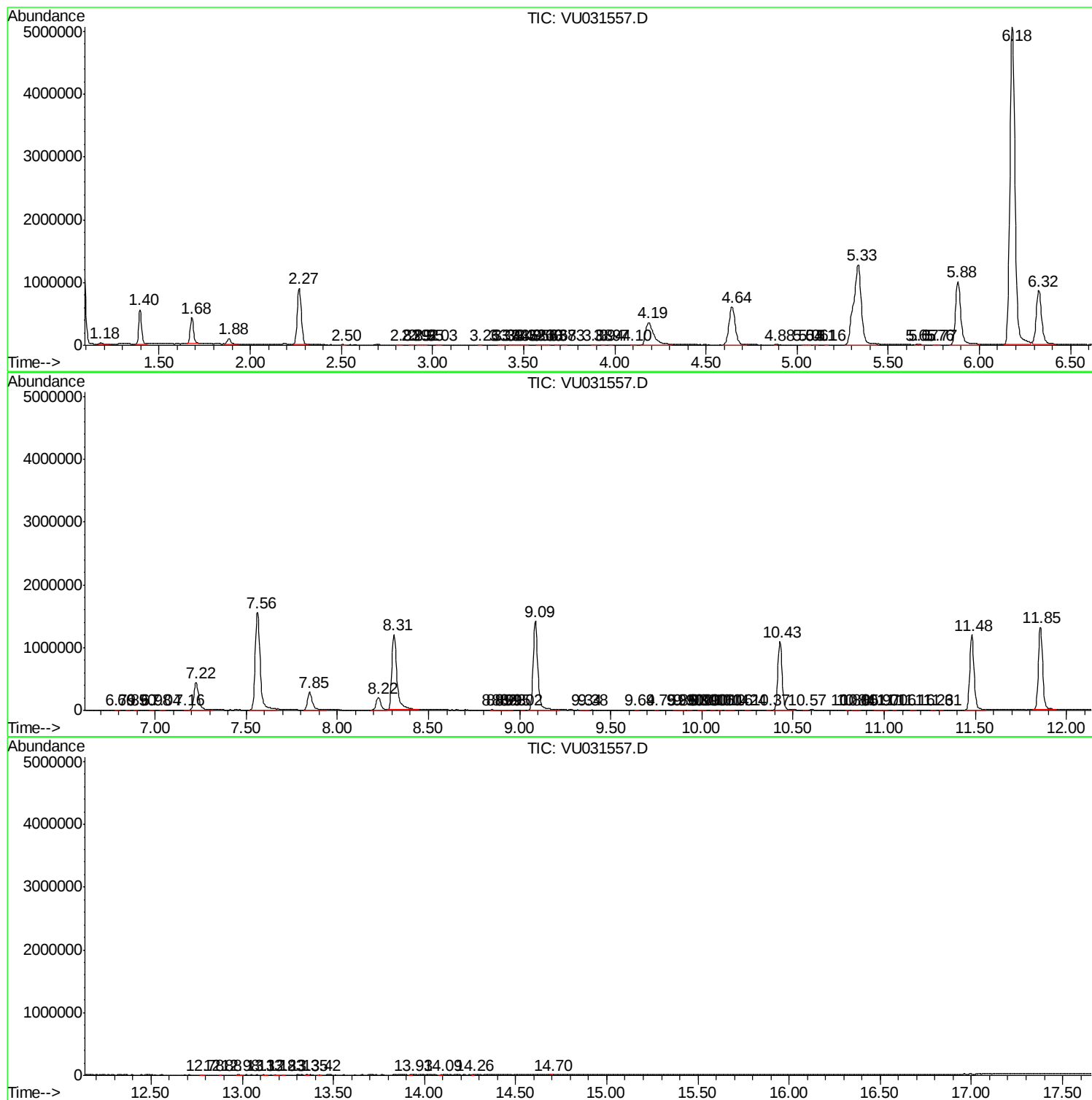
Sum of corrected areas: 38479464

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU042719\  
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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        |