

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
 Data File : VU031541.D  
 Acq On : 26 Apr 2019 18:49  
 Operator : JC/SP  
 Sample : K2590-12 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XB3

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.183    | 24         | 29       | 36        | rVB   | 22163       | 20658      | 0.51%        | 0.070%     |
| 2      | 1.399    | 88         | 96       | 108       | rVB   | 573459      | 630472     | 15.66%       | 2.135%     |
| 3      | 1.682    | 176        | 184      | 199       | rBV   | 459117      | 577281     | 14.34%       | 1.955%     |
| 4      | 2.270    | 356        | 367      | 381       | rVB   | 963535      | 1473710    | 36.62%       | 4.990%     |
| 5      | 2.469    | 425        | 429      | 433       | rBV5  | 2587        | 2370       | 0.06%        | 0.008%     |
| 6      | 2.492    | 433        | 436      | 439       | rVV4  | 1652        | 1140       | 0.03%        | 0.004%     |
| 7      | 2.698    | 496        | 500      | 508       | rVB5  | 4190        | 4683       | 0.12%        | 0.016%     |
| 8      | 2.836    | 538        | 543      | 551       | rVB5  | 2472        | 2861       | 0.07%        | 0.010%     |
| 9      | 2.874    | 551        | 555      | 557       | rBV4  | 1645        | 1481       | 0.04%        | 0.005%     |
| 10     | 2.923    | 567        | 570      | 574       | rVB2  | 1654        | 1152       | 0.03%        | 0.004%     |
| 11     | 2.968    | 579        | 584      | 586       | rBV3  | 1436        | 1206       | 0.03%        | 0.004%     |
| 12     | 3.038    | 604        | 606      | 610       | rVB4  | 1318        | 749        | 0.02%        | 0.003%     |
| 13     | 3.080    | 615        | 619      | 623       | rVV4  | 791         | 806        | 0.02%        | 0.003%     |
| 14     | 3.106    | 624        | 627      | 631       | rVB3  | 1198        | 870        | 0.02%        | 0.003%     |
| 15     | 3.283    | 678        | 682      | 684       | rBV3  | 1265        | 957        | 0.02%        | 0.003%     |
| 16     | 3.325    | 694        | 695      | 700       | rVB2  | 1411        | 1135       | 0.03%        | 0.004%     |
| 17     | 3.476    | 739        | 742      | 750       | rVB5  | 1621        | 1767       | 0.04%        | 0.006%     |
| 18     | 3.717    | 814        | 817      | 823       | rVB4  | 1482        | 987        | 0.02%        | 0.003%     |
| 19     | 3.746    | 823        | 826      | 831       | rVB   | 1421        | 988        | 0.02%        | 0.003%     |
| 20     | 3.791    | 836        | 840      | 843       | rVB2  | 1052        | 840        | 0.02%        | 0.003%     |
| 21     | 3.865    | 859        | 863      | 868       | rBV5  | 1031        | 1005       | 0.02%        | 0.003%     |
| 22     | 3.961    | 891        | 893      | 900       | rVB3  | 1116        | 901        | 0.02%        | 0.003%     |
| 23     | 4.016    | 907        | 910      | 915       | rVB3  | 2327        | 1910       | 0.05%        | 0.006%     |
| 24     | 4.051    | 915        | 921      | 924       | rBV4  | 1460        | 1648       | 0.04%        | 0.006%     |
| 25     | 4.087    | 928        | 932      | 936       | rBV4  | 1474        | 1257       | 0.03%        | 0.004%     |
| 26     | 4.189    | 949        | 964      | 1000      | rBV   | 339011      | 1110053    | 27.58%       | 3.759%     |
| 27     | 4.643    | 1088       | 1105     | 1129      | rBV   | 625895      | 1508121    | 37.47%       | 5.107%     |
| 28     | 4.855    | 1169       | 1171     | 1175      | rBV5  | 1234        | 1011       | 0.03%        | 0.003%     |
| 29     | 4.997    | 1211       | 1215     | 1219      | rVV5  | 2359        | 2743       | 0.07%        | 0.009%     |
| 30     | 5.016    | 1219       | 1221     | 1224      | rVV3  | 1617        | 933        | 0.02%        | 0.003%     |
| 31     | 5.099    | 1243       | 1247     | 1252      | rVB5  | 1282        | 1162       | 0.03%        | 0.004%     |
| 32     | 5.128    | 1252       | 1256     | 1258      | rBV3  | 1241        | 913        | 0.02%        | 0.003%     |
| 33     | 5.222    | 1282       | 1285     | 1287      | rVB3  | 1293        | 768        | 0.02%        | 0.003%     |
| 34     | 5.337    | 1293       | 1321     | 1352      | rBV2  | 1352974     | 4024861    | 100.00%      | 13.629%    |

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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\SOMULM042719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 5.800  | 1461 | 1465 | 1467 | rVB4 | 1515    | 992     | 0.02%  | 0.003%  |
| 36 | 5.884  | 1476 | 1491 | 1511 | rBV  | 1040508 | 2130052 | 52.92% | 7.213%  |
| 37 | 6.189  | 1574 | 1586 | 1606 | rVB8 | 42169   | 95765   | 2.38%  | 0.324%  |
| 38 | 6.328  | 1615 | 1629 | 1666 | rBV  | 872884  | 1799900 | 44.72% | 6.095%  |
| 39 | 6.627  | 1720 | 1722 | 1725 | rVV3 | 1787    | 1048    | 0.03%  | 0.004%  |
| 40 | 6.646  | 1726 | 1728 | 1732 | rVV3 | 1175    | 808     | 0.02%  | 0.003%  |
| 41 | 6.781  | 1763 | 1770 | 1772 | rVV3 | 1302    | 1071    | 0.03%  | 0.004%  |
| 42 | 6.797  | 1772 | 1775 | 1782 | rVB8 | 1053    | 1090    | 0.03%  | 0.004%  |
| 43 | 6.897  | 1796 | 1806 | 1810 | rBV6 | 1650    | 2346    | 0.06%  | 0.008%  |
| 44 | 6.996  | 1834 | 1837 | 1840 | rVB3 | 1552    | 1215    | 0.03%  | 0.004%  |
| 45 | 7.029  | 1840 | 1847 | 1850 | rBV3 | 2356    | 2686    | 0.07%  | 0.009%  |
| 46 | 7.122  | 1872 | 1876 | 1880 | rBV5 | 1386    | 1364    | 0.03%  | 0.005%  |
| 47 | 7.160  | 1884 | 1888 | 1892 | rBV4 | 1363    | 978     | 0.02%  | 0.003%  |
| 48 | 7.225  | 1896 | 1908 | 1933 | rBV  | 478143  | 897152  | 22.29% | 3.038%  |
| 49 | 7.562  | 1999 | 2013 | 2062 | rBV  | 1679005 | 3147453 | 78.20% | 10.658% |
| 50 | 7.848  | 2091 | 2102 | 2124 | rBV  | 312265  | 577729  | 14.35% | 1.956%  |
| 51 | 8.112  | 2181 | 2184 | 2188 | rBV4 | 1075    | 764     | 0.02%  | 0.003%  |
| 52 | 8.131  | 2188 | 2190 | 2195 | rBV6 | 2122    | 1688    | 0.04%  | 0.006%  |
| 53 | 8.167  | 2195 | 2201 | 2204 | rBV5 | 1353    | 1557    | 0.04%  | 0.005%  |
| 54 | 8.228  | 2211 | 2220 | 2233 | rBV8 | 13718   | 25142   | 0.62%  | 0.085%  |
| 55 | 8.312  | 2234 | 2246 | 2282 | rBV  | 1264834 | 2425442 | 60.26% | 8.213%  |
| 56 | 8.791  | 2392 | 2395 | 2400 | rVB4 | 1024    | 836     | 0.02%  | 0.003%  |
| 57 | 8.990  | 2454 | 2457 | 2463 | rVB4 | 1202    | 1163    | 0.03%  | 0.004%  |
| 58 | 9.086  | 2474 | 2487 | 2515 | rBV  | 1452416 | 2579854 | 64.10% | 8.736%  |
| 59 | 9.263  | 2539 | 2542 | 2545 | rVV4 | 1948    | 1197    | 0.03%  | 0.004%  |
| 60 | 9.276  | 2545 | 2546 | 2551 | rVB2 | 1356    | 1001    | 0.02%  | 0.003%  |
| 61 | 9.340  | 2564 | 2566 | 2570 | rVB3 | 1131    | 852     | 0.02%  | 0.003%  |
| 62 | 9.459  | 2599 | 2603 | 2607 | rVB4 | 950     | 753     | 0.02%  | 0.003%  |
| 63 | 9.684  | 2670 | 2673 | 2676 | rVB3 | 1323    | 1005    | 0.02%  | 0.003%  |
| 64 | 9.704  | 2676 | 2679 | 2681 | rBV2 | 1762    | 1026    | 0.03%  | 0.003%  |
| 65 | 9.871  | 2727 | 2731 | 2734 | rBV2 | 1970    | 1683    | 0.04%  | 0.006%  |
| 66 | 9.938  | 2747 | 2752 | 2756 | rBV7 | 808     | 793     | 0.02%  | 0.003%  |
| 67 | 10.077 | 2791 | 2795 | 2800 | rVB4 | 1888    | 1885    | 0.05%  | 0.006%  |
| 68 | 10.196 | 2827 | 2832 | 2835 | rBV4 | 1675    | 1641    | 0.04%  | 0.006%  |
| 69 | 10.427 | 2889 | 2904 | 2927 | rBV  | 1116853 | 1840655 | 45.73% | 6.233%  |
| 70 | 10.739 | 2994 | 3001 | 3005 | rBV5 | 1505    | 2206    | 0.05%  | 0.007%  |
| 71 | 10.784 | 3013 | 3015 | 3024 | rVB6 | 1032    | 1328    | 0.03%  | 0.004%  |

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Filtering: 5  
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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\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.884 | 3043 | 3046 | 3051 | rVB4 | 1825    | 1694    | 0.04%  | 0.006% |
| 73  | 10.954 | 3065 | 3068 | 3071 | rBV3 | 1409    | 937     | 0.02%  | 0.003% |
| 74  | 10.999 | 3078 | 3082 | 3086 | rVB3 | 1311    | 1206    | 0.03%  | 0.004% |
| 75  | 11.041 | 3092 | 3095 | 3098 | rBV2 | 1490    | 1150    | 0.03%  | 0.004% |
| 76  | 11.215 | 3144 | 3149 | 3153 | rVB5 | 1406    | 1329    | 0.03%  | 0.005% |
| 77  | 11.363 | 3191 | 3195 | 3198 | rVB3 | 1416    | 1237    | 0.03%  | 0.004% |
| 78  | 11.392 | 3198 | 3204 | 3209 | rBV6 | 1745    | 2714    | 0.07%  | 0.009% |
| 79  | 11.479 | 3220 | 3231 | 3258 | rBV  | 1276014 | 2144092 | 53.27% | 7.260% |
| 80  | 11.742 | 3308 | 3313 | 3320 | rBV7 | 2448    | 3231    | 0.08%  | 0.011% |
| 81  | 11.855 | 3336 | 3348 | 3374 | rBV  | 1437760 | 2408331 | 59.84% | 8.155% |
| 82  | 12.176 | 3446 | 3448 | 3453 | rVB4 | 2142    | 1463    | 0.04%  | 0.005% |
| 83  | 12.344 | 3497 | 3500 | 3504 | rVB5 | 1760    | 1403    | 0.03%  | 0.005% |
| 84  | 12.366 | 3504 | 3507 | 3511 | rBV4 | 2256    | 1552    | 0.04%  | 0.005% |
| 85  | 12.446 | 3529 | 3532 | 3534 | rBV3 | 1855    | 1239    | 0.03%  | 0.004% |
| 86  | 12.501 | 3547 | 3549 | 3552 | rVB3 | 1637    | 839     | 0.02%  | 0.003% |
| 87  | 12.610 | 3580 | 3583 | 3587 | rBV4 | 2810    | 2342    | 0.06%  | 0.008% |
| 88  | 12.752 | 3625 | 3627 | 3630 | rBV3 | 1218    | 781     | 0.02%  | 0.003% |
| 89  | 12.787 | 3635 | 3638 | 3640 | rBV3 | 1167    | 865     | 0.02%  | 0.003% |
| 90  | 12.919 | 3675 | 3679 | 3682 | rBV4 | 1524    | 1255    | 0.03%  | 0.004% |
| 91  | 12.964 | 3691 | 3693 | 3698 | rVB3 | 1561    | 1090    | 0.03%  | 0.004% |
| 92  | 12.993 | 3698 | 3702 | 3705 | rBV4 | 2239    | 1994    | 0.05%  | 0.007% |
| 93  | 13.057 | 3718 | 3722 | 3726 | rBV6 | 2064    | 2109    | 0.05%  | 0.007% |
| 94  | 13.109 | 3734 | 3738 | 3743 | rBV6 | 1307    | 1497    | 0.04%  | 0.005% |
| 95  | 13.208 | 3766 | 3769 | 3774 | rVB5 | 1944    | 1476    | 0.04%  | 0.005% |
| 96  | 13.324 | 3801 | 3805 | 3810 | rBV7 | 2169    | 2064    | 0.05%  | 0.007% |
| 97  | 13.527 | 3865 | 3868 | 3871 | rBV4 | 1995    | 1605    | 0.04%  | 0.005% |
| 98  | 13.681 | 3913 | 3916 | 3917 | rBV3 | 1867    | 1087    | 0.03%  | 0.004% |
| 99  | 13.716 | 3923 | 3927 | 3928 | rBV2 | 1618    | 1040    | 0.03%  | 0.004% |
| 100 | 14.880 | 4285 | 4289 | 4291 | rBV5 | 2671    | 2085    | 0.05%  | 0.007% |

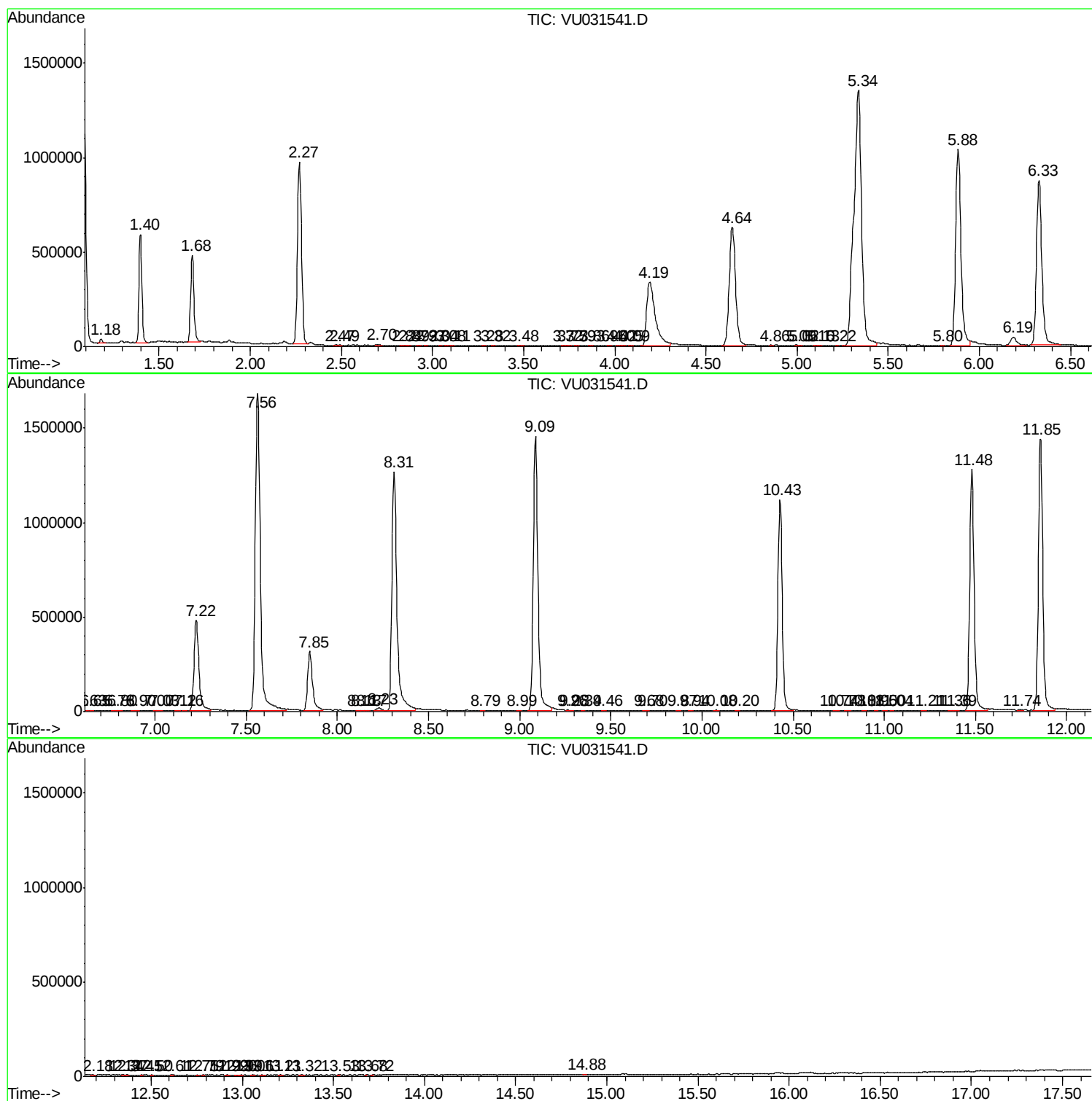
Sum of corrected areas: 29531226

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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        |