

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\  
 Data File : VU030832.D  
 Acq On : 07 Apr 2019 03:47  
 Operator : JC/SP  
 Sample : K2269-03DL 500X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BR5DL

## 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\SOMULM040519WMA.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      | 1.180    | 23         | 28       | 37        | rBV   | 13423       | 14421      | 0.67%        | 0.085%     |
| 2      | 1.396    | 87         | 95       | 105       | rBV   | 336811      | 347786     | 16.20%       | 2.059%     |
| 3      | 1.678    | 174        | 183      | 200       | rVB   | 236002      | 309674     | 14.42%       | 1.833%     |
| 4      | 2.267    | 356        | 366      | 379       | rVB   | 495862      | 749314     | 34.90%       | 4.435%     |
| 5      | 2.431    | 415        | 417      | 420       | rBV3  | 1020        | 652        | 0.03%        | 0.004%     |
| 6      | 2.524    | 444        | 446      | 452       | rBV4  | 802         | 587        | 0.03%        | 0.003%     |
| 7      | 2.695    | 493        | 499      | 507       | rVB6  | 2708        | 3657       | 0.17%        | 0.022%     |
| 8      | 2.788    | 524        | 528      | 532       | rBV2  | 660         | 479        | 0.02%        | 0.003%     |
| 9      | 2.823    | 537        | 539      | 542       | rVB3  | 653         | 393        | 0.02%        | 0.002%     |
| 10     | 2.855    | 547        | 549      | 555       | rVB4  | 422         | 415        | 0.02%        | 0.002%     |
| 11     | 2.894    | 555        | 561      | 563       | rBV2  | 1125        | 1024       | 0.05%        | 0.006%     |
| 12     | 2.971    | 582        | 585      | 588       | rVB   | 718         | 444        | 0.02%        | 0.003%     |
| 13     | 3.006    | 593        | 596      | 600       | rVB   | 589         | 398        | 0.02%        | 0.002%     |
| 14     | 3.203    | 654        | 657      | 661       | rVB   | 595         | 462        | 0.02%        | 0.003%     |
| 15     | 3.276    | 677        | 680      | 683       | rBV2  | 959         | 657        | 0.03%        | 0.004%     |
| 16     | 3.344    | 699        | 701      | 707       | rVB3  | 629         | 574        | 0.03%        | 0.003%     |
| 17     | 3.376    | 707        | 711      | 716       | rBV3  | 774         | 862        | 0.04%        | 0.005%     |
| 18     | 3.402    | 716        | 719      | 722       | rVB3  | 874         | 534        | 0.02%        | 0.003%     |
| 19     | 3.444    | 728        | 732      | 735       | rBV3  | 451         | 399        | 0.02%        | 0.002%     |
| 20     | 3.479    | 739        | 743      | 746       | rVB2  | 622         | 458        | 0.02%        | 0.003%     |
| 21     | 3.569    | 766        | 771      | 775       | rBV2  | 495         | 463        | 0.02%        | 0.003%     |
| 22     | 3.627    | 787        | 789      | 794       | rBV2  | 478         | 385        | 0.02%        | 0.002%     |
| 23     | 3.672    | 800        | 803      | 809       | rVB4  | 739         | 674        | 0.03%        | 0.004%     |
| 24     | 3.720    | 809        | 818      | 820       | rBV4  | 544         | 652        | 0.03%        | 0.004%     |
| 25     | 3.810    | 844        | 846      | 852       | rVB2  | 569         | 452        | 0.02%        | 0.003%     |
| 26     | 3.875    | 862        | 866      | 869       | rBV3  | 867         | 544        | 0.03%        | 0.003%     |
| 27     | 4.083    | 929        | 931      | 936       | rVB4  | 1083        | 805        | 0.04%        | 0.005%     |
| 28     | 4.170    | 944        | 958      | 994       | rBV   | 196239      | 542833     | 25.28%       | 3.213%     |
| 29     | 4.476    | 1050       | 1053     | 1058      | rVB3  | 768         | 525        | 0.02%        | 0.003%     |
| 30     | 4.643    | 1088       | 1105     | 1134      | rBV   | 310424      | 784345     | 36.53%       | 4.643%     |
| 31     | 4.952    | 1199       | 1201     | 1207      | rVB6  | 842         | 684        | 0.03%        | 0.004%     |
| 32     | 5.026    | 1221       | 1224     | 1227      | rVB4  | 1130        | 600        | 0.03%        | 0.004%     |
| 33     | 5.106    | 1246       | 1249     | 1251      | rBV   | 868         | 562        | 0.03%        | 0.003%     |
| 34     | 5.334    | 1296       | 1320     | 1332      | rBV2  | 680218      | 2031300    | 94.61%       | 12.024%    |

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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\SOMULM040519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.588 | 1395 | 1399 | 1405 | rVB6 | 1481   | 1844    | 0.09%  | 0.011% |
| 36 | 5.752 | 1448 | 1450 | 1456 | rVB4 | 589    | 486     | 0.02%  | 0.003% |
| 37 | 5.881 | 1476 | 1490 | 1513 | rBV  | 582737 | 1153374 | 53.72% | 6.827% |
| 38 | 6.183 | 1575 | 1584 | 1600 | rVB  | 5347   | 12006   | 0.56%  | 0.071% |
| 39 | 6.241 | 1600 | 1602 | 1606 | rVB3 | 754    | 425     | 0.02%  | 0.003% |
| 40 | 6.263 | 1606 | 1609 | 1610 | rBV2 | 822    | 456     | 0.02%  | 0.003% |
| 41 | 6.325 | 1614 | 1628 | 1651 | rBV  | 451563 | 921050  | 42.90% | 5.452% |
| 42 | 6.672 | 1731 | 1736 | 1739 | rBV4 | 751    | 689     | 0.03%  | 0.004% |
| 43 | 6.771 | 1762 | 1767 | 1771 | rVB5 | 635    | 607     | 0.03%  | 0.004% |
| 44 | 6.791 | 1771 | 1773 | 1777 | rVB  | 766    | 511     | 0.02%  | 0.003% |
| 45 | 6.916 | 1809 | 1812 | 1816 | rBV3 | 727    | 644     | 0.03%  | 0.004% |
| 46 | 6.955 | 1821 | 1824 | 1827 | rVV2 | 717    | 418     | 0.02%  | 0.002% |
| 47 | 6.971 | 1827 | 1829 | 1833 | rVB2 | 762    | 503     | 0.02%  | 0.003% |
| 48 | 7.006 | 1837 | 1840 | 1844 | rBV2 | 625    | 596     | 0.03%  | 0.004% |
| 49 | 7.106 | 1869 | 1871 | 1878 | rVB2 | 581    | 603     | 0.03%  | 0.004% |
| 50 | 7.141 | 1878 | 1882 | 1884 | rBV3 | 909    | 644     | 0.03%  | 0.004% |
| 51 | 7.225 | 1896 | 1908 | 1932 | rBV  | 224047 | 423878  | 19.74% | 2.509% |
| 52 | 7.460 | 1978 | 1981 | 1988 | rVB5 | 1308   | 1342    | 0.06%  | 0.008% |
| 53 | 7.562 | 1999 | 2013 | 2031 | rBV  | 856410 | 1510037 | 70.33% | 8.938% |
| 54 | 7.849 | 2091 | 2102 | 2121 | rBV  | 159831 | 286071  | 13.32% | 1.693% |
| 55 | 8.093 | 2173 | 2178 | 2181 | rBV4 | 1580   | 1197    | 0.06%  | 0.007% |
| 56 | 8.228 | 2214 | 2220 | 2222 | rBV5 | 2196   | 2155    | 0.10%  | 0.013% |
| 57 | 8.308 | 2232 | 2245 | 2277 | rBV  | 596127 | 1141809 | 53.18% | 6.759% |
| 58 | 8.678 | 2357 | 2360 | 2363 | rBV4 | 507    | 408     | 0.02%  | 0.002% |
| 59 | 8.820 | 2401 | 2404 | 2407 | rBV3 | 1168   | 914     | 0.04%  | 0.005% |
| 60 | 8.932 | 2437 | 2439 | 2443 | rVB  | 695    | 423     | 0.02%  | 0.003% |
| 61 | 8.955 | 2443 | 2446 | 2448 | rBV  | 772    | 554     | 0.03%  | 0.003% |
| 62 | 8.980 | 2451 | 2454 | 2456 | rBV2 | 702    | 397     | 0.02%  | 0.002% |
| 63 | 9.087 | 2474 | 2487 | 2491 | rBV  | 917171 | 1454362 | 67.74% | 8.609% |
| 64 | 9.318 | 2557 | 2559 | 2562 | rVB2 | 876    | 456     | 0.02%  | 0.003% |
| 65 | 9.360 | 2568 | 2572 | 2575 | rBV2 | 1302   | 1035    | 0.05%  | 0.006% |
| 66 | 9.498 | 2612 | 2615 | 2617 | rBV3 | 659    | 476     | 0.02%  | 0.003% |
| 67 | 9.559 | 2629 | 2634 | 2641 | rBV4 | 873    | 1276    | 0.06%  | 0.008% |
| 68 | 9.627 | 2652 | 2655 | 2659 | rBV4 | 972    | 701     | 0.03%  | 0.004% |
| 69 | 9.646 | 2659 | 2661 | 2665 | rVB3 | 1098   | 703     | 0.03%  | 0.004% |
| 70 | 9.668 | 2665 | 2668 | 2671 | rBV2 | 891    | 676     | 0.03%  | 0.004% |
| 71 | 9.849 | 2721 | 2724 | 2728 | rBV3 | 677    | 626     | 0.03%  | 0.004% |

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Instrument :  
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 ClientSampleId :  
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## Integration Parameters: LSCINT.P

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 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\SOMULM040519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |         |         |
|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 72  | 9.900  | 2737 | 2740 | 2743 | rBV4 | 597    | 485     | 0.02%   | 0.003%  |
| 73  | 9.942  | 2750 | 2753 | 2757 | rVB2 | 856    | 486     | 0.02%   | 0.003%  |
| 74  | 10.128 | 2808 | 2811 | 2813 | rBV2 | 669    | 464     | 0.02%   | 0.003%  |
| 75  | 10.209 | 2830 | 2836 | 2840 | rBV4 | 861    | 759     | 0.04%   | 0.004%  |
| 76  | 10.257 | 2845 | 2851 | 2855 | rBV3 | 699    | 877     | 0.04%   | 0.005%  |
| 77  | 10.305 | 2864 | 2866 | 2869 | rVB2 | 783    | 412     | 0.02%   | 0.002%  |
| 78  | 10.334 | 2869 | 2875 | 2877 | rBV2 | 877    | 999     | 0.05%   | 0.006%  |
| 79  | 10.427 | 2892 | 2904 | 2926 | rBV  | 580061 | 959117  | 44.67%  | 5.677%  |
| 80  | 10.598 | 2954 | 2957 | 2961 | rVV2 | 1481   | 1121    | 0.05%   | 0.007%  |
| 81  | 10.707 | 2987 | 2991 | 2992 | rBV2 | 568    | 420     | 0.02%   | 0.002%  |
| 82  | 10.775 | 3008 | 3012 | 3013 | rBV2 | 620    | 428     | 0.02%   | 0.003%  |
| 83  | 10.890 | 3044 | 3048 | 3049 | rBV  | 530    | 401     | 0.02%   | 0.002%  |
| 84  | 11.057 | 3094 | 3100 | 3102 | rBV4 | 610    | 684     | 0.03%   | 0.004%  |
| 85  | 11.112 | 3115 | 3117 | 3121 | rVB  | 896    | 510     | 0.02%   | 0.003%  |
| 86  | 11.321 | 3178 | 3182 | 3184 | rBV2 | 817    | 736     | 0.03%   | 0.004%  |
| 87  | 11.418 | 3201 | 3212 | 3220 | rBV3 | 46012  | 71731   | 3.34%   | 0.425%  |
| 88  | 11.482 | 3220 | 3232 | 3258 | rVV2 | 807110 | 1898339 | 88.42%  | 11.237% |
| 89  | 11.755 | 3312 | 3317 | 3322 | rBV7 | 1030   | 1264    | 0.06%   | 0.007%  |
| 90  | 11.861 | 3335 | 3350 | 3383 | rVV2 | 914643 | 2146968 | 100.00% | 12.708% |
| 91  | 12.247 | 3466 | 3470 | 3474 | rBV4 | 1126   | 947     | 0.04%   | 0.006%  |
| 92  | 12.270 | 3474 | 3477 | 3480 | rVB2 | 1308   | 797     | 0.04%   | 0.005%  |
| 93  | 12.289 | 3480 | 3483 | 3487 | rBV2 | 939    | 648     | 0.03%   | 0.004%  |
| 94  | 12.627 | 3584 | 3588 | 3591 | rVB3 | 806    | 571     | 0.03%   | 0.003%  |
| 95  | 13.283 | 3788 | 3792 | 3793 | rBV2 | 772    | 514     | 0.02%   | 0.003%  |
| 96  | 13.511 | 3849 | 3863 | 3875 | rBV2 | 30109  | 71269   | 3.32%   | 0.422%  |
| 97  | 13.826 | 3958 | 3961 | 3967 | rBV4 | 862    | 941     | 0.04%   | 0.006%  |
| 98  | 13.996 | 4006 | 4014 | 4016 | rBV5 | 6916   | 8525    | 0.40%   | 0.050%  |
| 99  | 14.273 | 4098 | 4100 | 4103 | rBV2 | 976    | 556     | 0.03%   | 0.003%  |
| 100 | 14.363 | 4126 | 4128 | 4132 | rVB4 | 1168   | 813     | 0.04%   | 0.005%  |

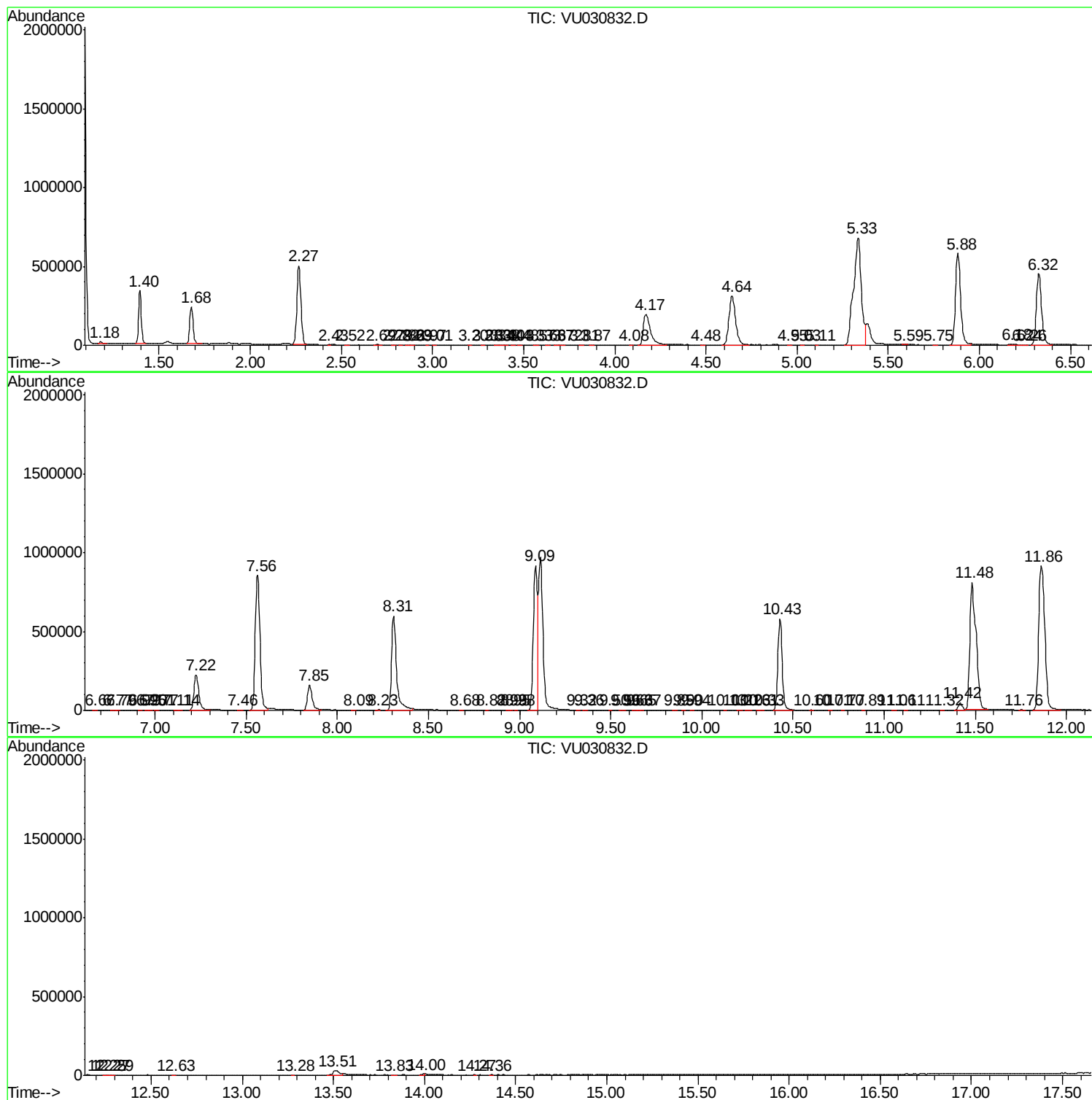
Sum of corrected areas: 16894148

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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU040719\  
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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        |