

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\  
 Data File : VU031154.D  
 Acq On : 13 Apr 2019 14:18  
 Operator : JC/SP  
 Sample : VU0413WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK60

## 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<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          | 37           | rVB2     | 16345          | 16027         | 0.89%           | 0.125%        |
| 2         | 1.392       | 88            | 94          | 109          | rVB      | 271647         | 284978        | 15.86%          | 2.227%        |
| 3         | 1.672       | 174           | 181         | 194          | rVB      | 185477         | 249993        | 13.91%          | 1.954%        |
| 4         | 2.264       | 355           | 365         | 378          | rVB      | 420603         | 637555        | 35.47%          | 4.983%        |
| 5         | 2.389       | 401           | 404         | 406          | rBV2     | 1311           | 890           | 0.05%           | 0.007%        |
| 6         | 2.540       | 448           | 451         | 454          | rBV3     | 962            | 699           | 0.04%           | 0.005%        |
| 7         | 2.694       | 492           | 499         | 501          | rBV5     | 2957           | 3174          | 0.18%           | 0.025%        |
| 8         | 2.830       | 538           | 541         | 545          | rBV3     | 606            | 533           | 0.03%           | 0.004%        |
| 9         | 2.929       | 568           | 572         | 576          | rBV3     | 607            | 612           | 0.03%           | 0.005%        |
| 10        | 3.106       | 623           | 627         | 630          | rBV3     | 1181           | 789           | 0.04%           | 0.006%        |
| 11        | 3.158       | 637           | 643         | 646          | rBV3     | 735            | 717           | 0.04%           | 0.006%        |
| 12        | 3.244       | 667           | 670         | 674          | rVB2     | 670            | 529           | 0.03%           | 0.004%        |
| 13        | 3.273       | 675           | 679         | 684          | rBV2     | 557            | 519           | 0.03%           | 0.004%        |
| 14        | 3.312       | 688           | 691         | 696          | rBV2     | 972            | 528           | 0.03%           | 0.004%        |
| 15        | 3.383       | 710           | 713         | 716          | rVB3     | 822            | 560           | 0.03%           | 0.004%        |
| 16        | 3.514       | 751           | 754         | 758          | rVB      | 864            | 514           | 0.03%           | 0.004%        |
| 17        | 3.929       | 880           | 883         | 888          | rBV2     | 589            | 462           | 0.03%           | 0.004%        |
| 18        | 3.990       | 898           | 902         | 903          | rBV      | 835            | 544           | 0.03%           | 0.004%        |
| 19        | 4.087       | 926           | 932         | 934          | rBV2     | 656            | 656           | 0.04%           | 0.005%        |
| 20        | 4.170       | 946           | 958         | 982          | rBV      | 174573         | 459287        | 25.55%          | 3.589%        |
| 21        | 4.518       | 1063          | 1066        | 1071         | rVB4     | 1097           | 966           | 0.05%           | 0.008%        |
| 22        | 4.543       | 1071          | 1074        | 1077         | rBV2     | 845            | 595           | 0.03%           | 0.005%        |
| 23        | 4.572       | 1081          | 1083        | 1087         | rVV2     | 718            | 598           | 0.03%           | 0.005%        |
| 24        | 4.640       | 1087          | 1104        | 1134         | rVV      | 295751         | 725709        | 40.38%          | 5.672%        |
| 25        | 4.788       | 1147          | 1150        | 1155         | rVB5     | 1076           | 953           | 0.05%           | 0.007%        |
| 26        | 4.820       | 1155          | 1160        | 1164         | rBV3     | 698            | 600           | 0.03%           | 0.005%        |
| 27        | 4.884       | 1174          | 1180        | 1186         | rBV7     | 1468           | 1914          | 0.11%           | 0.015%        |
| 28        | 4.990       | 1209          | 1213        | 1217         | rVB4     | 937            | 745           | 0.04%           | 0.006%        |
| 29        | 5.116       | 1246          | 1252        | 1254         | rBV3     | 1010           | 842           | 0.05%           | 0.007%        |
| 30        | 5.157       | 1263          | 1265        | 1271         | rVB2     | 829            | 620           | 0.03%           | 0.005%        |
| 31        | 5.331       | 1296          | 1319        | 1346         | rBV3     | 599707         | 1797293       | 100.00%         | 14.046%       |
| 32        | 5.752       | 1445          | 1450        | 1452         | rBV3     | 784            | 616           | 0.03%           | 0.005%        |
| 33        | 5.768       | 1452          | 1455        | 1458         | rVB2     | 913            | 632           | 0.04%           | 0.005%        |
| 34        | 5.788       | 1458          | 1461        | 1464         | rVB3     | 1061           | 663           | 0.04%           | 0.005%        |

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Filtering: 5  
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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 | 5.881 | 1475 | 1490 | 1520 | rBV  | 493202 | 1003031 | 55.81% | 7.839% |
| 36 | 6.080 | 1549 | 1552 | 1554 | rBV3 | 1167   | 683     | 0.04%  | 0.005% |
| 37 | 6.093 | 1554 | 1556 | 1559 | rVV3 | 1026   | 579     | 0.03%  | 0.005% |
| 38 | 6.190 | 1575 | 1586 | 1598 | rVB6 | 14808  | 29624   | 1.65%  | 0.232% |
| 39 | 6.325 | 1614 | 1628 | 1653 | rVV  | 405876 | 821216  | 45.69% | 6.418% |
| 40 | 6.453 | 1665 | 1668 | 1674 | rBV5 | 1134   | 1126    | 0.06%  | 0.009% |
| 41 | 6.550 | 1696 | 1698 | 1702 | rVB3 | 1176   | 748     | 0.04%  | 0.006% |
| 42 | 6.572 | 1702 | 1705 | 1708 | rBV3 | 725    | 494     | 0.03%  | 0.004% |
| 43 | 6.627 | 1718 | 1722 | 1723 | rBV2 | 1286   | 625     | 0.03%  | 0.005% |
| 44 | 6.691 | 1739 | 1742 | 1746 | rVB3 | 1108   | 725     | 0.04%  | 0.006% |
| 45 | 6.720 | 1746 | 1751 | 1754 | rVB2 | 711    | 498     | 0.03%  | 0.004% |
| 46 | 6.952 | 1818 | 1823 | 1827 | rVB3 | 551    | 471     | 0.03%  | 0.004% |
| 47 | 6.977 | 1827 | 1831 | 1834 | rBV  | 603    | 496     | 0.03%  | 0.004% |
| 48 | 7.090 | 1861 | 1866 | 1868 | rBV  | 941    | 637     | 0.04%  | 0.005% |
| 49 | 7.225 | 1894 | 1908 | 1928 | rBV  | 195075 | 360717  | 20.07% | 2.819% |
| 50 | 7.360 | 1947 | 1950 | 1953 | rVB2 | 1239   | 647     | 0.04%  | 0.005% |
| 51 | 7.437 | 1971 | 1974 | 1976 | rVB3 | 841    | 489     | 0.03%  | 0.004% |
| 52 | 7.562 | 1998 | 2013 | 2034 | rBV  | 673122 | 1211683 | 67.42% | 9.470% |
| 53 | 7.845 | 2091 | 2101 | 2126 | rVV  | 132954 | 240208  | 13.36% | 1.877% |
| 54 | 7.997 | 2145 | 2148 | 2154 | rVB3 | 1193   | 1004    | 0.06%  | 0.008% |
| 55 | 8.025 | 2154 | 2157 | 2162 | rVV5 | 1111   | 1049    | 0.06%  | 0.008% |
| 56 | 8.106 | 2180 | 2182 | 2186 | rVB2 | 1050   | 626     | 0.03%  | 0.005% |
| 57 | 8.164 | 2198 | 2200 | 2207 | rVV3 | 866    | 796     | 0.04%  | 0.006% |
| 58 | 8.308 | 2234 | 2245 | 2276 | rBV  | 491248 | 942369  | 52.43% | 7.365% |
| 59 | 8.611 | 2336 | 2339 | 2343 | rVB3 | 870    | 764     | 0.04%  | 0.006% |
| 60 | 8.749 | 2378 | 2382 | 2386 | rVB3 | 622    | 506     | 0.03%  | 0.004% |
| 61 | 8.775 | 2386 | 2390 | 2398 | rVB3 | 935    | 992     | 0.06%  | 0.008% |
| 62 | 8.842 | 2405 | 2411 | 2415 | rVB3 | 961    | 992     | 0.06%  | 0.008% |
| 63 | 8.900 | 2426 | 2429 | 2432 | rBV3 | 986    | 741     | 0.04%  | 0.006% |
| 64 | 9.029 | 2466 | 2469 | 2473 | rVB3 | 1025   | 694     | 0.04%  | 0.005% |
| 65 | 9.087 | 2473 | 2487 | 2529 | rBV  | 685358 | 1197516 | 66.63% | 9.359% |
| 66 | 9.328 | 2557 | 2562 | 2568 | rVB5 | 1016   | 1192    | 0.07%  | 0.009% |
| 67 | 9.431 | 2589 | 2594 | 2597 | rBV4 | 666    | 510     | 0.03%  | 0.004% |
| 68 | 9.498 | 2610 | 2615 | 2622 | rBV4 | 1083   | 1120    | 0.06%  | 0.009% |
| 69 | 9.530 | 2622 | 2625 | 2627 | rBV3 | 784    | 538     | 0.03%  | 0.004% |
| 70 | 9.617 | 2646 | 2652 | 2655 | rBV3 | 551    | 540     | 0.03%  | 0.004% |
| 71 | 9.759 | 2690 | 2696 | 2699 | rBV3 | 477    | 533     | 0.03%  | 0.004% |

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Integrator: RTE  
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 Sampling : 1  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.784  | 2700 | 2704 | 2707 | rBV2 | 1168   | 784     | 0.04%  | 0.006% |
| 73  | 9.961  | 2754 | 2759 | 2762 | rBV3 | 564    | 570     | 0.03%  | 0.004% |
| 74  | 10.193 | 2828 | 2831 | 2835 | rBV  | 897    | 684     | 0.04%  | 0.005% |
| 75  | 10.260 | 2846 | 2852 | 2856 | rVB2 | 1006   | 1074    | 0.06%  | 0.008% |
| 76  | 10.289 | 2856 | 2861 | 2864 | rBV3 | 765    | 708     | 0.04%  | 0.006% |
| 77  | 10.427 | 2892 | 2904 | 2931 | rBV  | 543565 | 878338  | 48.87% | 6.864% |
| 78  | 10.617 | 2961 | 2963 | 2966 | rVB2 | 1448   | 698     | 0.04%  | 0.005% |
| 79  | 10.659 | 2974 | 2976 | 2980 | rVB3 | 717    | 538     | 0.03%  | 0.004% |
| 80  | 10.701 | 2986 | 2989 | 2998 | rVB4 | 783    | 952     | 0.05%  | 0.007% |
| 81  | 10.768 | 3005 | 3010 | 3015 | rVB2 | 784    | 736     | 0.04%  | 0.006% |
| 82  | 10.871 | 3039 | 3042 | 3045 | rVB2 | 830    | 518     | 0.03%  | 0.004% |
| 83  | 10.987 | 3074 | 3078 | 3081 | rVB  | 581    | 460     | 0.03%  | 0.004% |
| 84  | 11.340 | 3183 | 3188 | 3190 | rBV  | 782    | 682     | 0.04%  | 0.005% |
| 85  | 11.482 | 3220 | 3232 | 3257 | rBV  | 541126 | 877655  | 48.83% | 6.859% |
| 86  | 11.858 | 3335 | 3349 | 3375 | rBV  | 595190 | 1000086 | 55.64% | 7.816% |
| 87  | 12.289 | 3480 | 3483 | 3485 | rBV2 | 1034   | 644     | 0.04%  | 0.005% |
| 88  | 12.405 | 3515 | 3519 | 3524 | rVB3 | 730    | 629     | 0.03%  | 0.005% |
| 89  | 12.749 | 3622 | 3626 | 3630 | rVB4 | 987    | 860     | 0.05%  | 0.007% |
| 90  | 12.771 | 3630 | 3633 | 3639 | rVB3 | 1012   | 837     | 0.05%  | 0.007% |
| 91  | 12.874 | 3662 | 3665 | 3668 | rVB3 | 743    | 458     | 0.03%  | 0.004% |
| 92  | 13.221 | 3769 | 3773 | 3778 | rBV4 | 822    | 931     | 0.05%  | 0.007% |
| 93  | 13.559 | 3875 | 3878 | 3881 | rVB2 | 843    | 564     | 0.03%  | 0.004% |
| 94  | 13.617 | 3892 | 3896 | 3899 | rVB3 | 811    | 644     | 0.04%  | 0.005% |
| 95  | 14.003 | 4013 | 4016 | 4022 | rBV4 | 1043   | 1202    | 0.07%  | 0.009% |
| 96  | 14.090 | 4041 | 4043 | 4047 | rVB  | 1216   | 701     | 0.04%  | 0.005% |
| 97  | 14.546 | 4182 | 4185 | 4188 | rBV3 | 711    | 558     | 0.03%  | 0.004% |
| 98  | 14.569 | 4188 | 4192 | 4199 | rBV2 | 1286   | 1366    | 0.08%  | 0.011% |
| 99  | 14.665 | 4220 | 4222 | 4225 | rBV2 | 957    | 717     | 0.04%  | 0.006% |
| 100 | 15.453 | 4463 | 4467 | 4469 | rBV4 | 1506   | 1342    | 0.07%  | 0.010% |

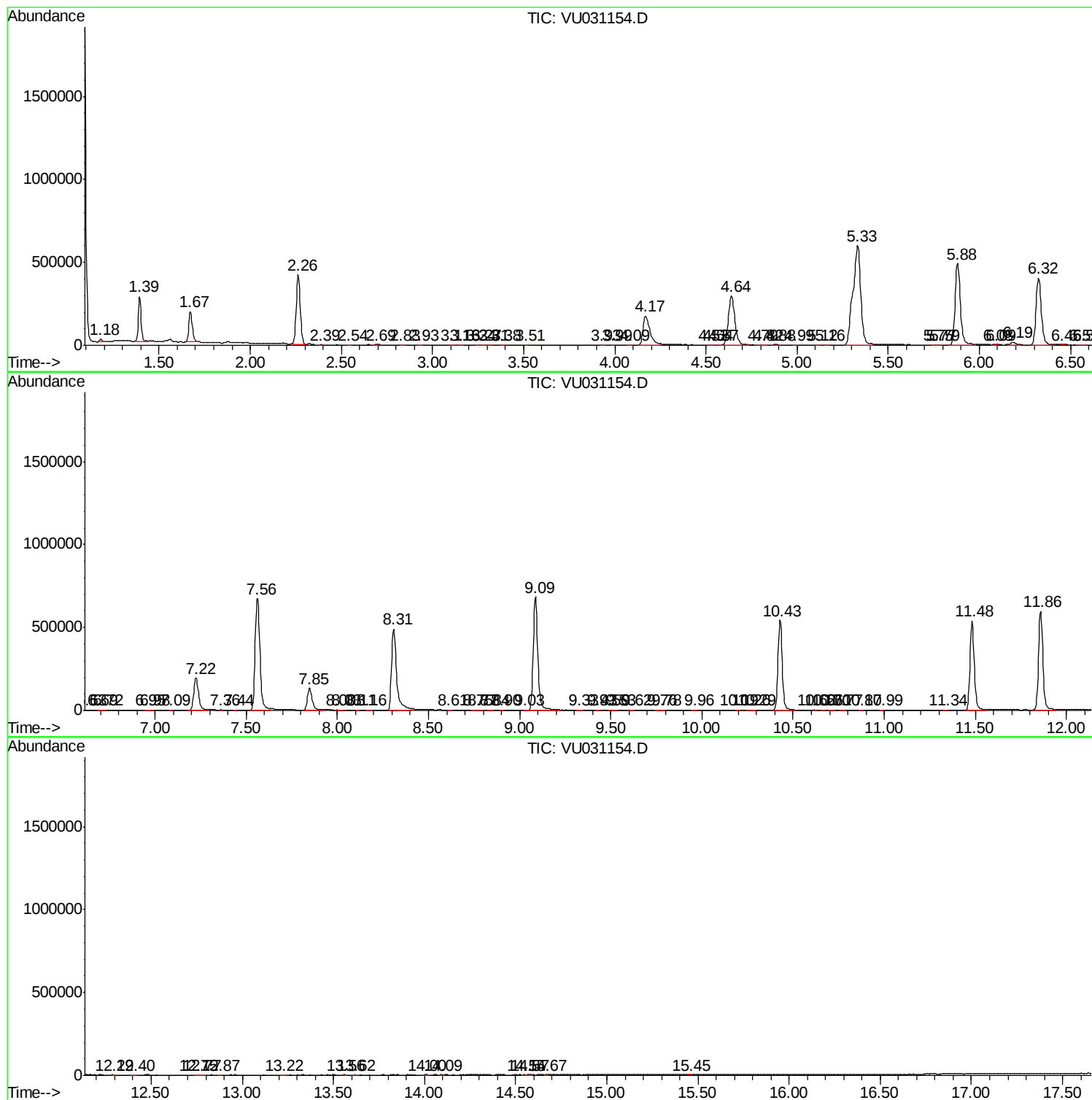
Sum of corrected areas: 12795427

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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\VU041319\  
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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

No Library Search Compounds Detected

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |