

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\  
 Data File : VU029704.D  
 Acq On : 27 Feb 2019 14:57  
 Operator : JC/SP  
 Sample : K1624-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

## 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\SOMULM021519WMA.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    | 25         | 29       | 35        | rVB2  | 6844        | 6381       | 0.36%        | 0.046%     |
| 2      | 1.396    | 88         | 95       | 108       | rBV   | 260408      | 263761     | 14.88%       | 1.899%     |
| 3      | 1.679    | 175        | 183      | 195       | rVB   | 197344      | 246390     | 13.90%       | 1.774%     |
| 4      | 2.270    | 356        | 367      | 380       | rVB   | 429118      | 650746     | 36.71%       | 4.685%     |
| 5      | 2.392    | 403        | 405      | 411       | rVB3  | 1231        | 1116       | 0.06%        | 0.008%     |
| 6      | 2.431    | 411        | 417      | 418       | rBV4  | 367         | 335        | 0.02%        | 0.002%     |
| 7      | 2.479    | 424        | 432      | 438       | rVV3  | 1133        | 1458       | 0.08%        | 0.010%     |
| 8      | 2.521    | 442        | 445      | 448       | rBV3  | 381         | 275        | 0.02%        | 0.002%     |
| 9      | 2.695    | 493        | 499      | 508       | rBV4  | 1765        | 2586       | 0.15%        | 0.019%     |
| 10     | 2.839    | 541        | 544      | 547       | rBV   | 288         | 250        | 0.01%        | 0.002%     |
| 11     | 2.875    | 551        | 555      | 558       | rBV2  | 283         | 237        | 0.01%        | 0.002%     |
| 12     | 2.965    | 579        | 583      | 586       | rBV3  | 310         | 275        | 0.02%        | 0.002%     |
| 13     | 3.058    | 609        | 612      | 615       | rVB   | 543         | 279        | 0.02%        | 0.002%     |
| 14     | 3.077    | 615        | 618      | 623       | rVB   | 396         | 313        | 0.02%        | 0.002%     |
| 15     | 3.177    | 646        | 649      | 651       | rBV2  | 540         | 290        | 0.02%        | 0.002%     |
| 16     | 3.193    | 651        | 654      | 656       | rVB   | 407         | 241        | 0.01%        | 0.002%     |
| 17     | 3.283    | 677        | 682      | 687       | rBV3  | 324         | 330        | 0.02%        | 0.002%     |
| 18     | 3.305    | 687        | 689      | 693       | rBV2  | 433         | 314        | 0.02%        | 0.002%     |
| 19     | 3.373    | 708        | 710      | 714       | rBV2  | 330         | 255        | 0.01%        | 0.002%     |
| 20     | 3.457    | 733        | 736      | 738       | rBV2  | 411         | 322        | 0.02%        | 0.002%     |
| 21     | 3.531    | 755        | 759      | 762       | rVV   | 291         | 266        | 0.02%        | 0.002%     |
| 22     | 3.547    | 762        | 764      | 769       | rVV2  | 319         | 270        | 0.02%        | 0.002%     |
| 23     | 3.627    | 787        | 789      | 793       | rVB   | 378         | 246        | 0.01%        | 0.002%     |
| 24     | 3.810    | 841        | 846      | 849       | rBV3  | 402         | 344        | 0.02%        | 0.002%     |
| 25     | 3.852    | 856        | 859      | 864       | rBV2  | 442         | 367        | 0.02%        | 0.003%     |
| 26     | 3.904    | 872        | 875      | 877       | rBV2  | 344         | 248        | 0.01%        | 0.002%     |
| 27     | 3.971    | 894        | 896      | 902       | rVV2  | 302         | 302        | 0.02%        | 0.002%     |
| 28     | 4.174    | 946        | 959      | 992       | rBV   | 164499      | 435015     | 24.54%       | 3.132%     |
| 29     | 4.466    | 1046       | 1050     | 1053      | rBV3  | 538         | 515        | 0.03%        | 0.004%     |
| 30     | 4.646    | 1089       | 1106     | 1136      | rBV   | 282839      | 681000     | 38.42%       | 4.903%     |
| 31     | 4.875    | 1172       | 1177     | 1180      | rBV3  | 727         | 805        | 0.05%        | 0.006%     |
| 32     | 4.981    | 1207       | 1210     | 1214      | rBV2  | 540         | 523        | 0.03%        | 0.004%     |
| 33     | 5.090    | 1241       | 1244     | 1251      | rVB2  | 531         | 573        | 0.03%        | 0.004%     |
| 34     | 5.129    | 1251       | 1256     | 1257      | rBV2  | 571         | 446        | 0.03%        | 0.003%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 5.338 | 1295 | 1321 | 1356 | rBV2 | 604026 | 1772565 | 100.00% | 12.762% |
| 36 | 5.672 | 1423 | 1425 | 1427 | rVV2 | 542    | 250     | 0.01%   | 0.002%  |
| 37 | 5.685 | 1427 | 1429 | 1434 | rVB3 | 386    | 345     | 0.02%   | 0.002%  |
| 38 | 5.720 | 1434 | 1440 | 1442 | rBV3 | 272    | 262     | 0.01%   | 0.002%  |
| 39 | 5.749 | 1446 | 1449 | 1452 | rBV  | 381    | 257     | 0.01%   | 0.002%  |
| 40 | 5.884 | 1473 | 1491 | 1519 | rBV  | 497969 | 983098  | 55.46%  | 7.078%  |
| 41 | 6.170 | 1573 | 1580 | 1584 | rBV3 | 2771   | 3755    | 0.21%   | 0.027%  |
| 42 | 6.328 | 1614 | 1629 | 1654 | rBV2 | 381020 | 777661  | 43.87%  | 5.599%  |
| 43 | 6.559 | 1699 | 1701 | 1704 | rVV  | 316    | 235     | 0.01%   | 0.002%  |
| 44 | 6.582 | 1707 | 1708 | 1712 | rVB2 | 482    | 263     | 0.01%   | 0.002%  |
| 45 | 6.608 | 1712 | 1716 | 1721 | rBV2 | 323    | 327     | 0.02%   | 0.002%  |
| 46 | 6.675 | 1732 | 1737 | 1743 | rVB3 | 485    | 361     | 0.02%   | 0.003%  |
| 47 | 6.707 | 1743 | 1747 | 1749 | rBV  | 269    | 228     | 0.01%   | 0.002%  |
| 48 | 6.829 | 1781 | 1785 | 1789 | rBV3 | 224    | 253     | 0.01%   | 0.002%  |
| 49 | 6.881 | 1798 | 1801 | 1805 | rBV3 | 427    | 384     | 0.02%   | 0.003%  |
| 50 | 6.987 | 1829 | 1834 | 1836 | rBV  | 245    | 247     | 0.01%   | 0.002%  |
| 51 | 7.093 | 1862 | 1867 | 1869 | rBV2 | 488    | 422     | 0.02%   | 0.003%  |
| 52 | 7.225 | 1895 | 1908 | 1935 | rBV  | 223542 | 407744  | 23.00%  | 2.936%  |
| 53 | 7.357 | 1946 | 1949 | 1951 | rVB3 | 667    | 344     | 0.02%   | 0.002%  |
| 54 | 7.453 | 1975 | 1979 | 1981 | rBV3 | 453    | 357     | 0.02%   | 0.003%  |
| 55 | 7.563 | 1999 | 2013 | 2059 | rBV  | 859898 | 1524140 | 85.98%  | 10.973% |
| 56 | 7.846 | 2090 | 2101 | 2125 | rBV  | 151356 | 271665  | 15.33%  | 1.956%  |
| 57 | 8.026 | 2155 | 2157 | 2160 | rBV3 | 378    | 246     | 0.01%   | 0.002%  |
| 58 | 8.083 | 2172 | 2175 | 2177 | rBV2 | 518    | 371     | 0.02%   | 0.003%  |
| 59 | 8.157 | 2194 | 2198 | 2199 | rBV  | 526    | 356     | 0.02%   | 0.003%  |
| 60 | 8.173 | 2199 | 2203 | 2209 | rVB3 | 557    | 766     | 0.04%   | 0.006%  |
| 61 | 8.228 | 2215 | 2220 | 2224 | rVB4 | 859    | 939     | 0.05%   | 0.007%  |
| 62 | 8.309 | 2232 | 2245 | 2280 | rBV  | 571941 | 1029396 | 58.07%  | 7.411%  |
| 63 | 8.572 | 2324 | 2327 | 2328 | rBV2 | 405    | 222     | 0.01%   | 0.002%  |
| 64 | 8.784 | 2388 | 2393 | 2394 | rBV2 | 458    | 356     | 0.02%   | 0.003%  |
| 65 | 8.939 | 2437 | 2441 | 2444 | rBV2 | 287    | 240     | 0.01%   | 0.002%  |
| 66 | 9.000 | 2454 | 2460 | 2462 | rBV3 | 322    | 360     | 0.02%   | 0.003%  |
| 67 | 9.087 | 2474 | 2487 | 2530 | rBV  | 733167 | 1230580 | 69.42%  | 8.860%  |
| 68 | 9.382 | 2572 | 2579 | 2589 | rVB4 | 1204   | 2135    | 0.12%   | 0.015%  |
| 69 | 9.424 | 2589 | 2592 | 2594 | rBV2 | 349    | 258     | 0.01%   | 0.002%  |
| 70 | 9.489 | 2608 | 2612 | 2615 | rBV3 | 320    | 314     | 0.02%   | 0.002%  |
| 71 | 9.627 | 2651 | 2655 | 2657 | rBV3 | 625    | 433     | 0.02%   | 0.003%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Title : VOC Analysis

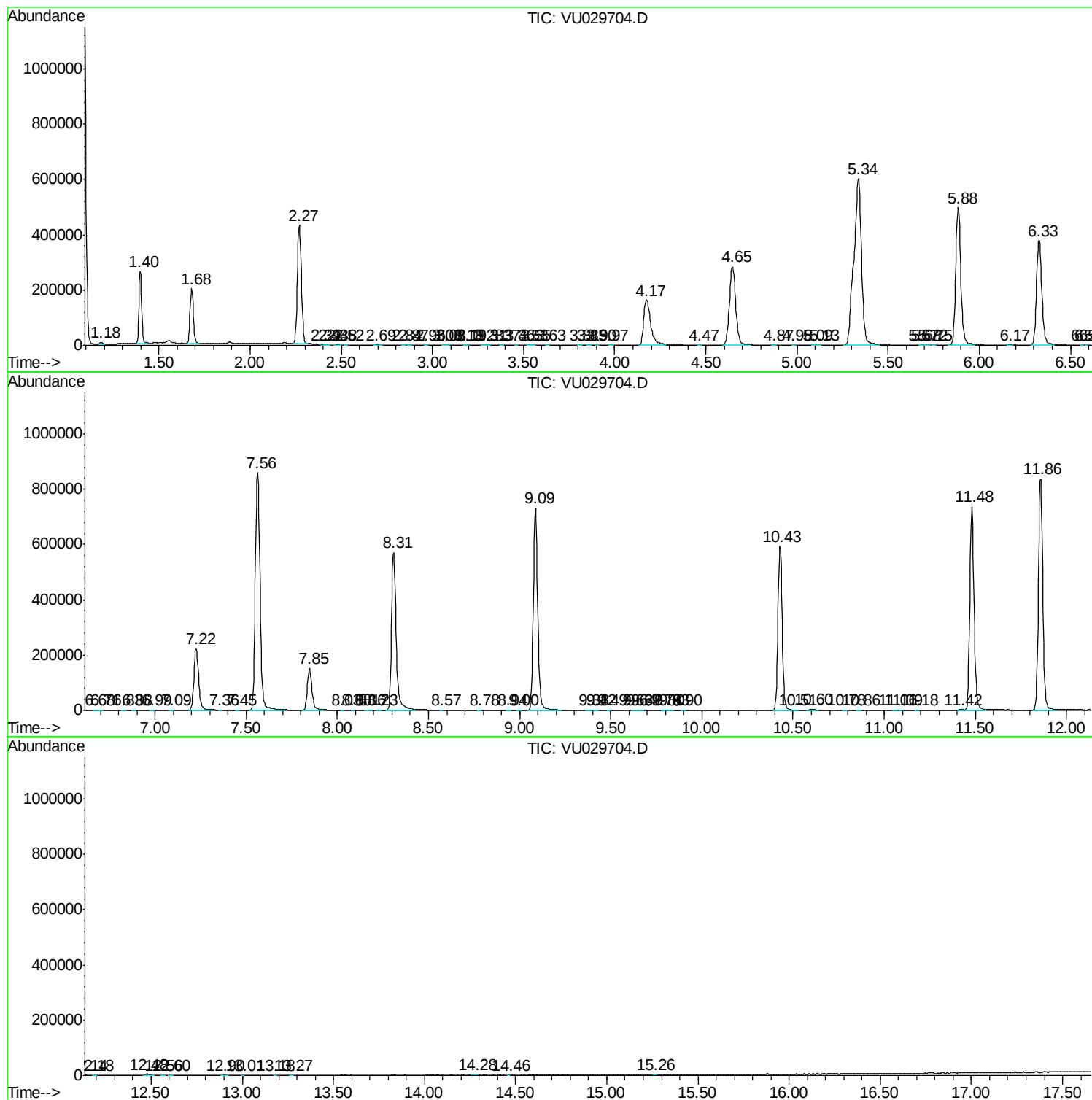
|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 9.643  | 2658 | 2660 | 2665 | rVB2 | 507    | 333     | 0.02%  | 0.002%  |
| 73  | 9.672  | 2665 | 2669 | 2671 | rBV  | 553    | 364     | 0.02%  | 0.003%  |
| 74  | 9.784  | 2701 | 2704 | 2706 | rBV2 | 773    | 488     | 0.03%  | 0.004%  |
| 75  | 9.800  | 2706 | 2709 | 2714 | rVV3 | 987    | 799     | 0.05%  | 0.006%  |
| 76  | 9.826  | 2714 | 2717 | 2722 | rVB2 | 541    | 452     | 0.03%  | 0.003%  |
| 77  | 9.897  | 2735 | 2739 | 2742 | rBV2 | 578    | 500     | 0.03%  | 0.004%  |
| 78  | 10.427 | 2892 | 2904 | 2928 | rVV  | 592719 | 961178  | 54.23% | 6.920%  |
| 79  | 10.514 | 2928 | 2931 | 2935 | rVB3 | 761    | 528     | 0.03%  | 0.004%  |
| 80  | 10.604 | 2950 | 2959 | 2969 | rBV3 | 2838   | 4517    | 0.25%  | 0.033%  |
| 81  | 10.784 | 3011 | 3015 | 3018 | rBV2 | 330    | 329     | 0.02%  | 0.002%  |
| 82  | 10.865 | 3034 | 3040 | 3042 | rBV  | 374    | 355     | 0.02%  | 0.003%  |
| 83  | 11.064 | 3096 | 3102 | 3104 | rBV2 | 424    | 465     | 0.03%  | 0.003%  |
| 84  | 11.093 | 3108 | 3111 | 3113 | rBV3 | 342    | 233     | 0.01%  | 0.002%  |
| 85  | 11.180 | 3134 | 3138 | 3141 | rBV2 | 433    | 363     | 0.02%  | 0.003%  |
| 86  | 11.421 | 3207 | 3213 | 3220 | rVV5 | 1972   | 2542    | 0.14%  | 0.018%  |
| 87  | 11.482 | 3220 | 3232 | 3255 | rBV  | 735256 | 1199901 | 67.69% | 8.639%  |
| 88  | 11.858 | 3335 | 3349 | 3375 | rBV  | 837532 | 1392692 | 78.57% | 10.027% |
| 89  | 12.144 | 3435 | 3438 | 3440 | rBV2 | 553    | 307     | 0.02%  | 0.002%  |
| 90  | 12.183 | 3448 | 3450 | 3454 | rBV4 | 415    | 310     | 0.02%  | 0.002%  |
| 91  | 12.479 | 3534 | 3542 | 3554 | rVB2 | 4472   | 7532    | 0.42%  | 0.054%  |
| 92  | 12.559 | 3564 | 3567 | 3572 | rVB3 | 421    | 290     | 0.02%  | 0.002%  |
| 93  | 12.601 | 3578 | 3580 | 3586 | rBV3 | 340    | 301     | 0.02%  | 0.002%  |
| 94  | 12.900 | 3666 | 3673 | 3680 | rVV5 | 833    | 1338    | 0.08%  | 0.010%  |
| 95  | 13.006 | 3703 | 3706 | 3707 | rBV  | 458    | 257     | 0.01%  | 0.002%  |
| 96  | 13.176 | 3757 | 3759 | 3763 | rBV2 | 367    | 237     | 0.01%  | 0.002%  |
| 97  | 13.270 | 3785 | 3788 | 3791 | rBV  | 536    | 352     | 0.02%  | 0.003%  |
| 98  | 14.279 | 4094 | 4102 | 4106 | rBV4 | 1897   | 2676    | 0.15%  | 0.019%  |
| 99  | 14.463 | 4156 | 4159 | 4161 | rBV  | 670    | 429     | 0.02%  | 0.003%  |
| 100 | 15.257 | 4404 | 4406 | 4410 | rBV5 | 857    | 542     | 0.03%  | 0.004%  |

Sum of corrected areas: 13889819

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU022719\  
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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 |

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