

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\  
 Data File : VU032936.D  
 Acq On : 21 Jun 2019 11:48  
 Operator : JC/SP  
 Sample : VU0622WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK36

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\SOMULM061719WMA.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         | 1.396       | 26            | 33          | 43           | rVB      | 105166         | 104642        | 13.06%          | 1.681%        |
| 2         | 1.676       | 112           | 120         | 134          | rVB      | 83551          | 101357        | 12.65%          | 1.629%        |
| 3         | 2.264       | 293           | 303         | 317          | rVB      | 169664         | 261181        | 32.60%          | 4.197%        |
| 4         | 2.457       | 359           | 363         | 365          | rBV3     | 616            | 491           | 0.06%           | 0.008%        |
| 5         | 2.599       | 401           | 407         | 410          | rBV3     | 403            | 443           | 0.06%           | 0.007%        |
| 6         | 2.663       | 423           | 427         | 431          | rVV2     | 420            | 335           | 0.04%           | 0.005%        |
| 7         | 2.695       | 433           | 437         | 441          | rVB3     | 727            | 679           | 0.08%           | 0.011%        |
| 8         | 2.769       | 456           | 460         | 463          | rBV3     | 460            | 368           | 0.05%           | 0.006%        |
| 9         | 2.846       | 481           | 484         | 488          | rBV2     | 421            | 319           | 0.04%           | 0.005%        |
| 10        | 2.875       | 490           | 493         | 496          | rVB      | 318            | 240           | 0.03%           | 0.004%        |
| 11        | 2.904       | 496           | 502         | 507          | rBV3     | 451            | 544           | 0.07%           | 0.009%        |
| 12        | 2.933       | 507           | 511         | 513          | rVB2     | 415            | 265           | 0.03%           | 0.004%        |
| 13        | 3.023       | 537           | 539         | 544          | rBV3     | 322            | 259           | 0.03%           | 0.004%        |
| 14        | 3.149       | 576           | 578         | 586          | rVB2     | 248            | 268           | 0.03%           | 0.004%        |
| 15        | 3.316       | 627           | 630         | 634          | rBV3     | 375            | 249           | 0.03%           | 0.004%        |
| 16        | 3.380       | 646           | 650         | 656          | rBB4     | 539            | 462           | 0.06%           | 0.007%        |
| 17        | 3.531       | 692           | 697         | 700          | rBV2     | 235            | 207           | 0.03%           | 0.003%        |
| 18        | 3.554       | 700           | 704         | 709          | rBV3     | 333            | 334           | 0.04%           | 0.005%        |
| 19        | 3.650       | 729           | 734         | 741          | rBV4     | 373            | 550           | 0.07%           | 0.009%        |
| 20        | 3.731       | 755           | 759         | 761          | rBV2     | 355            | 322           | 0.04%           | 0.005%        |
| 21        | 3.763       | 766           | 769         | 774          | rVB3     | 228            | 231           | 0.03%           | 0.004%        |
| 22        | 3.878       | 801           | 805         | 809          | rBV2     | 303            | 343           | 0.04%           | 0.006%        |
| 23        | 3.901       | 809           | 812         | 814          | rVV3     | 278            | 215           | 0.03%           | 0.003%        |
| 24        | 4.052       | 856           | 859         | 862          | rVB4     | 336            | 227           | 0.03%           | 0.004%        |
| 25        | 4.168       | 882           | 895         | 926          | rBV      | 72489          | 191962        | 23.96%          | 3.085%        |
| 26        | 4.499       | 994           | 998         | 1000         | rBV2     | 293            | 205           | 0.03%           | 0.003%        |
| 27        | 4.637       | 1023          | 1041        | 1067         | rBV2     | 135530         | 317622        | 39.64%          | 5.104%        |
| 28        | 4.792       | 1086          | 1089        | 1095         | rVB3     | 575            | 507           | 0.06%           | 0.008%        |
| 29        | 4.821       | 1095          | 1098        | 1101         | rBV2     | 391            | 289           | 0.04%           | 0.005%        |
| 30        | 4.943       | 1129          | 1136        | 1139         | rBV2     | 295            | 322           | 0.04%           | 0.005%        |
| 31        | 4.968       | 1139          | 1144        | 1149         | rVV3     | 199            | 295           | 0.04%           | 0.005%        |
| 32        | 4.997       | 1149          | 1153        | 1156         | rVV2     | 263            | 229           | 0.03%           | 0.004%        |
| 33        | 5.158       | 1201          | 1203        | 1207         | rVB      | 314            | 213           | 0.03%           | 0.003%        |
| 34        | 5.181       | 1207          | 1210        | 1213         | rBV2     | 342            | 240           | 0.03%           | 0.004%        |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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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\SOMULM061719WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.206 | 1213 | 1218 | 1220 | rBV2 | 248    | 244    | 0.03%   | 0.004%  |
| 36 | 5.223 | 1220 | 1223 | 1229 | rVB2 | 315    | 315    | 0.04%   | 0.005%  |
| 37 | 5.332 | 1233 | 1257 | 1287 | rBV2 | 269996 | 801191 | 100.00% | 12.874% |
| 38 | 5.444 | 1291 | 1292 | 1296 | rVV2 | 824    | 412    | 0.05%   | 0.007%  |
| 39 | 5.547 | 1322 | 1324 | 1331 | rVB4 | 389    | 330    | 0.04%   | 0.005%  |
| 40 | 5.599 | 1337 | 1340 | 1343 | rVB3 | 355    | 238    | 0.03%   | 0.004%  |
| 41 | 5.637 | 1349 | 1352 | 1353 | rBV  | 303    | 207    | 0.03%   | 0.003%  |
| 42 | 5.878 | 1412 | 1427 | 1454 | rBV  | 242531 | 477276 | 59.57%  | 7.669%  |
| 43 | 6.062 | 1480 | 1484 | 1488 | rVB3 | 247    | 235    | 0.03%   | 0.004%  |
| 44 | 6.129 | 1499 | 1505 | 1506 | rBV3 | 311    | 207    | 0.03%   | 0.003%  |
| 45 | 6.171 | 1510 | 1518 | 1530 | rVB4 | 1969   | 3759   | 0.47%   | 0.060%  |
| 46 | 6.226 | 1531 | 1535 | 1538 | rVB3 | 416    | 327    | 0.04%   | 0.005%  |
| 47 | 6.322 | 1551 | 1565 | 1588 | rBV  | 182041 | 363353 | 45.35%  | 5.838%  |
| 48 | 6.422 | 1595 | 1596 | 1601 | rVB2 | 568    | 343    | 0.04%   | 0.006%  |
| 49 | 6.448 | 1601 | 1604 | 1611 | rBV3 | 553    | 545    | 0.07%   | 0.009%  |
| 50 | 6.637 | 1660 | 1663 | 1666 | rBV3 | 295    | 224    | 0.03%   | 0.004%  |
| 51 | 6.685 | 1673 | 1678 | 1682 | rBV2 | 501    | 503    | 0.06%   | 0.008%  |
| 52 | 6.714 | 1685 | 1687 | 1691 | rVB3 | 339    | 222    | 0.03%   | 0.004%  |
| 53 | 6.740 | 1691 | 1695 | 1698 | rBV2 | 299    | 314    | 0.04%   | 0.005%  |
| 54 | 6.930 | 1751 | 1754 | 1759 | rVB3 | 325    | 290    | 0.04%   | 0.005%  |
| 55 | 6.959 | 1759 | 1763 | 1766 | rBV2 | 316    | 222    | 0.03%   | 0.004%  |
| 56 | 7.023 | 1777 | 1783 | 1786 | rVB3 | 237    | 205    | 0.03%   | 0.003%  |
| 57 | 7.222 | 1832 | 1845 | 1866 | rBV  | 104532 | 188798 | 23.56%  | 3.034%  |
| 58 | 7.364 | 1885 | 1889 | 1893 | rBV3 | 347    | 284    | 0.04%   | 0.005%  |
| 59 | 7.393 | 1893 | 1898 | 1900 | rBV  | 301    | 279    | 0.03%   | 0.004%  |
| 60 | 7.464 | 1912 | 1920 | 1930 | rVB4 | 1471   | 2376   | 0.30%   | 0.038%  |
| 61 | 7.560 | 1936 | 1950 | 1973 | rBV  | 358060 | 632324 | 78.92%  | 10.160% |
| 62 | 7.737 | 2000 | 2005 | 2007 | rBV5 | 472    | 490    | 0.06%   | 0.008%  |
| 63 | 7.843 | 2027 | 2038 | 2055 | rBV  | 75486  | 131261 | 16.38%  | 2.109%  |
| 64 | 7.978 | 2076 | 2080 | 2083 | rVB3 | 424    | 284    | 0.04%   | 0.005%  |
| 65 | 8.055 | 2100 | 2104 | 2107 | rBV3 | 550    | 483    | 0.06%   | 0.008%  |
| 66 | 8.132 | 2124 | 2128 | 2131 | rVV3 | 422    | 264    | 0.03%   | 0.004%  |
| 67 | 8.181 | 2137 | 2143 | 2145 | rVB2 | 393    | 379    | 0.05%   | 0.006%  |
| 68 | 8.306 | 2171 | 2182 | 2228 | rBV  | 213669 | 397033 | 49.56%  | 6.380%  |
| 69 | 8.512 | 2244 | 2246 | 2250 | rVB3 | 327    | 239    | 0.03%   | 0.004%  |
| 70 | 8.534 | 2250 | 2253 | 2256 | rBV4 | 277    | 229    | 0.03%   | 0.004%  |
| 71 | 8.653 | 2287 | 2290 | 2295 | rVB3 | 258    | 247    | 0.03%   | 0.004%  |

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Instrument :  
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## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
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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\SOMULM061719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.743  | 2314 | 2318 | 2321 | rBV3 | 286    | 266    | 0.03%  | 0.004% |
| 73  | 8.843  | 2345 | 2349 | 2356 | rBV  | 387    | 415    | 0.05%  | 0.007% |
| 74  | 9.084  | 2412 | 2424 | 2457 | rBV  | 365316 | 611929 | 76.38% | 9.833% |
| 75  | 9.248  | 2472 | 2475 | 2476 | rBV2 | 486    | 278    | 0.03%  | 0.004% |
| 76  | 9.357  | 2505 | 2509 | 2510 | rBV2 | 416    | 281    | 0.04%  | 0.005% |
| 77  | 9.377  | 2512 | 2515 | 2519 | rVV3 | 946    | 892    | 0.11%  | 0.014% |
| 78  | 9.727  | 2621 | 2624 | 2630 | rBV2 | 211    | 218    | 0.03%  | 0.004% |
| 79  | 9.798  | 2635 | 2646 | 2652 | rVV7 | 887    | 1704   | 0.21%  | 0.027% |
| 80  | 9.901  | 2675 | 2678 | 2682 | rBV2 | 230    | 218    | 0.03%  | 0.004% |
| 81  | 9.952  | 2690 | 2694 | 2697 | rVB  | 304    | 273    | 0.03%  | 0.004% |
| 82  | 9.988  | 2698 | 2705 | 2706 | rBV  | 269    | 255    | 0.03%  | 0.004% |
| 83  | 10.164 | 2753 | 2760 | 2769 | rBV4 | 1335   | 1932   | 0.24%  | 0.031% |
| 84  | 10.351 | 2816 | 2818 | 2824 | rVB2 | 323    | 353    | 0.04%  | 0.006% |
| 85  | 10.425 | 2828 | 2841 | 2856 | rBV  | 260469 | 421955 | 52.67% | 6.780% |
| 86  | 10.650 | 2908 | 2911 | 2916 | rVB2 | 298    | 278    | 0.03%  | 0.004% |
| 87  | 10.679 | 2916 | 2920 | 2922 | rBV  | 270    | 213    | 0.03%  | 0.003% |
| 88  | 10.766 | 2943 | 2947 | 2951 | rVV  | 258    | 229    | 0.03%  | 0.004% |
| 89  | 10.852 | 2970 | 2974 | 2980 | rVB3 | 318    | 330    | 0.04%  | 0.005% |
| 90  | 10.926 | 2994 | 2997 | 2999 | rBV2 | 371    | 265    | 0.03%  | 0.004% |
| 91  | 11.094 | 3045 | 3049 | 3053 | rBV2 | 379    | 416    | 0.05%  | 0.007% |
| 92  | 11.415 | 3141 | 3149 | 3157 | rBV3 | 1855   | 2818   | 0.35%  | 0.045% |
| 93  | 11.476 | 3157 | 3168 | 3192 | rBV  | 353365 | 577521 | 72.08% | 9.280% |
| 94  | 11.852 | 3272 | 3285 | 3311 | rBV  | 355993 | 605398 | 75.56% | 9.728% |
| 95  | 12.206 | 3392 | 3395 | 3397 | rBV2 | 396    | 277    | 0.03%  | 0.004% |
| 96  | 12.238 | 3402 | 3405 | 3408 | rVB2 | 328    | 238    | 0.03%  | 0.004% |
| 97  | 12.473 | 3475 | 3478 | 3482 | rBV4 | 319    | 279    | 0.03%  | 0.004% |
| 98  | 12.512 | 3487 | 3490 | 3493 | rBV2 | 371    | 296    | 0.04%  | 0.005% |
| 99  | 12.553 | 3498 | 3503 | 3504 | rBV2 | 416    | 323    | 0.04%  | 0.005% |
| 100 | 12.897 | 3602 | 3610 | 3614 | rBV5 | 843    | 1214   | 0.15%  | 0.020% |

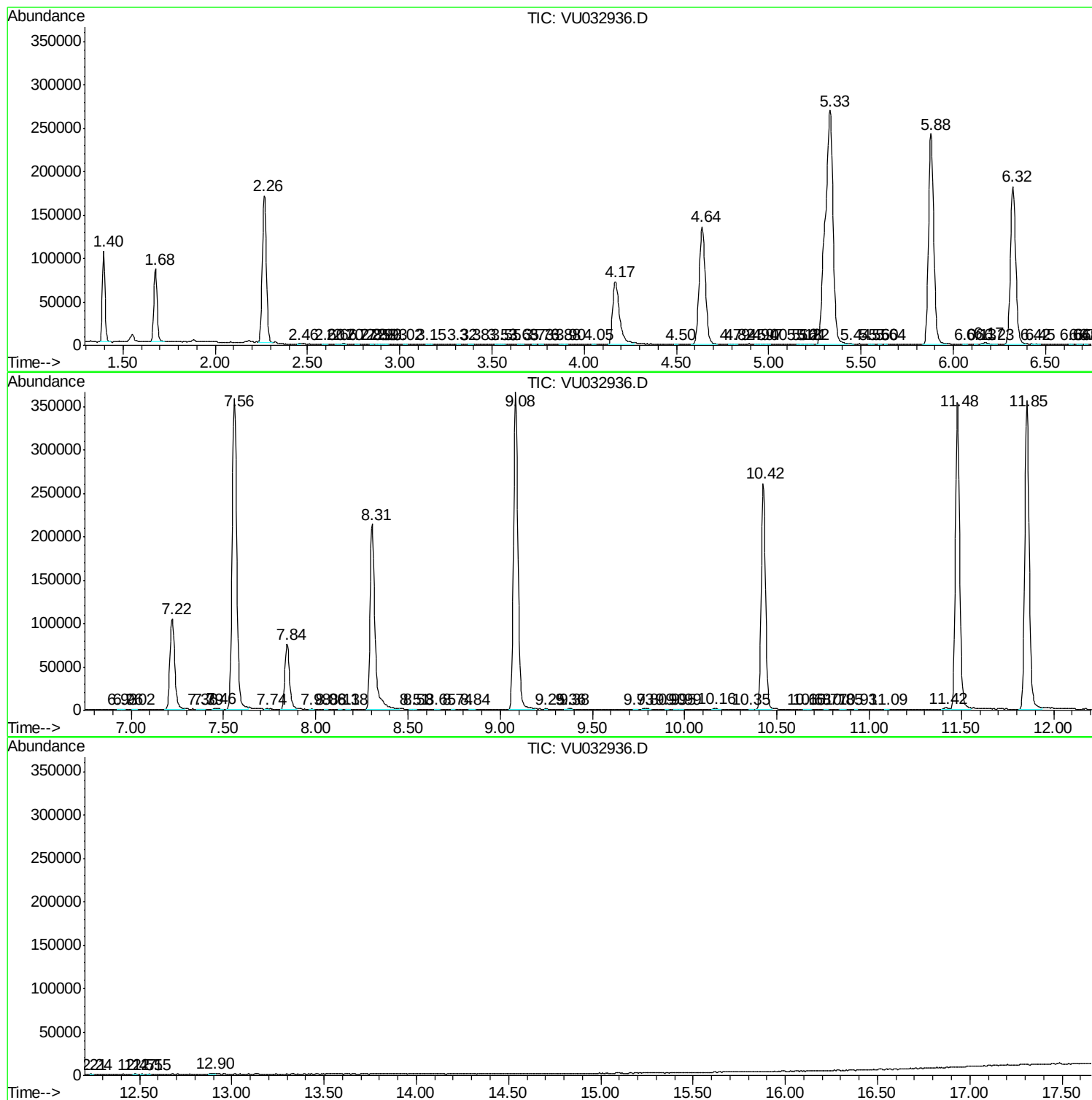
Sum of corrected areas: 6223411

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU062219\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
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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 |