

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\  
 Data File : VU030479.D  
 Acq On : 27 Mar 2019 13:32  
 Operator : JC/SP  
 Sample : K2022-13 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C09D0

## 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\SOMULM032319WMA.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         | 1.183       | 23            | 29          | 36           | rVV      | 12796          | 11200         | 0.34%           | 0.060%        |
| 2         | 1.299       | 58            | 65          | 69           | rVB4     | 3555           | 3902          | 0.12%           | 0.021%        |
| 3         | 1.328       | 69            | 74          | 82           | rVB2     | 3938           | 4510          | 0.14%           | 0.024%        |
| 4         | 1.399       | 88            | 96          | 106          | rBV      | 238642         | 245515        | 7.51%           | 1.317%        |
| 5         | 1.498       | 124           | 127         | 131          | rBV2     | 1467           | 1450          | 0.04%           | 0.008%        |
| 6         | 1.543       | 135           | 141         | 143          | rBV      | 2217           | 2680          | 0.08%           | 0.014%        |
| 7         | 1.569       | 144           | 149         | 156          | rVB3     | 5037           | 5844          | 0.18%           | 0.031%        |
| 8         | 1.611       | 157           | 162         | 166          | rBV5     | 2410           | 2633          | 0.08%           | 0.014%        |
| 9         | 1.637       | 167           | 170         | 173          | rBV3     | 2767           | 2381          | 0.07%           | 0.013%        |
| 10        | 1.672       | 173           | 181         | 195          | rVB      | 185082         | 245477        | 7.51%           | 1.317%        |
| 11        | 1.836       | 229           | 232         | 236          | rBV3     | 1599           | 1347          | 0.04%           | 0.007%        |
| 12        | 1.878       | 241           | 245         | 253          | rVV2     | 6086           | 8365          | 0.26%           | 0.045%        |
| 13        | 1.913       | 253           | 256         | 260          | rVB2     | 1919           | 1458          | 0.04%           | 0.008%        |
| 14        | 2.190       | 332           | 342         | 354          | rVB3     | 7055           | 12425         | 0.38%           | 0.067%        |
| 15        | 2.270       | 354           | 367         | 381          | rBV      | 387856         | 595616        | 18.21%          | 3.196%        |
| 16        | 2.328       | 382           | 385         | 393          | rVB5     | 5099           | 6619          | 0.20%           | 0.036%        |
| 17        | 2.428       | 413           | 416         | 418          | rBV2     | 1905           | 1456          | 0.04%           | 0.008%        |
| 18        | 2.447       | 418           | 422         | 426          | rVV      | 3858           | 4467          | 0.14%           | 0.024%        |
| 19        | 2.466       | 426           | 428         | 440          | rVB      | 2865           | 4295          | 0.13%           | 0.023%        |
| 20        | 2.579       | 460           | 463         | 465          | rVV      | 1992           | 1498          | 0.05%           | 0.008%        |
| 21        | 2.592       | 465           | 467         | 470          | rVV      | 1706           | 1257          | 0.04%           | 0.007%        |
| 22        | 2.630       | 476           | 479         | 483          | rBV      | 2408           | 1863          | 0.06%           | 0.010%        |
| 23        | 2.685       | 493           | 496         | 499          | rBV      | 1833           | 1582          | 0.05%           | 0.008%        |
| 24        | 2.785       | 522           | 527         | 531          | rBV      | 1623           | 1615          | 0.05%           | 0.009%        |
| 25        | 2.849       | 544           | 547         | 550          | rBV      | 1753           | 1486          | 0.05%           | 0.008%        |
| 26        | 2.923       | 566           | 570         | 579          | rVB      | 1429           | 2244          | 0.07%           | 0.012%        |
| 27        | 2.977       | 583           | 587         | 592          | rVV      | 1636           | 1499          | 0.05%           | 0.008%        |
| 28        | 3.080       | 616           | 619         | 624          | rBV      | 1718           | 1301          | 0.04%           | 0.007%        |
| 29        | 3.119       | 627           | 631         | 636          | rBV      | 1953           | 1997          | 0.06%           | 0.011%        |
| 30        | 3.148       | 636           | 640         | 646          | rVB      | 1655           | 1958          | 0.06%           | 0.011%        |
| 31        | 3.415       | 716           | 723         | 725          | rBV      | 2725           | 2953          | 0.09%           | 0.016%        |
| 32        | 3.508       | 749           | 752         | 755          | rVB      | 1913           | 1251          | 0.04%           | 0.007%        |
| 33        | 3.563       | 764           | 769         | 771          | rBV      | 2669           | 2136          | 0.07%           | 0.011%        |
| 34        | 3.614       | 779           | 785         | 786          | rBV      | 1439           | 1425          | 0.04%           | 0.008%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 3.656 | 794  | 798  | 802  | rBV  | 1756   | 1563    | 0.05%  | 0.008% |
| 36 | 3.746 | 823  | 826  | 829  | rBV  | 1956   | 1314    | 0.04%  | 0.007% |
| 37 | 3.817 | 844  | 848  | 850  | rBV  | 1801   | 1460    | 0.04%  | 0.008% |
| 38 | 3.868 | 858  | 864  | 866  | rBV  | 1434   | 1343    | 0.04%  | 0.007% |
| 39 | 4.000 | 902  | 905  | 913  | rVB  | 1722   | 2066    | 0.06%  | 0.011% |
| 40 | 4.039 | 913  | 917  | 923  | rBV  | 2257   | 2972    | 0.09%  | 0.016% |
| 41 | 4.096 | 931  | 935  | 937  | rBV  | 2087   | 1494    | 0.05%  | 0.008% |
| 42 | 4.174 | 948  | 959  | 982  | rVV2 | 194692 | 502984  | 15.38% | 2.699% |
| 43 | 4.508 | 1059 | 1063 | 1066 | rVB  | 1832   | 1407    | 0.04%  | 0.008% |
| 44 | 4.527 | 1066 | 1069 | 1074 | rBV  | 1610   | 1698    | 0.05%  | 0.009% |
| 45 | 4.643 | 1089 | 1105 | 1125 | rBV2 | 294264 | 694448  | 21.24% | 3.726% |
| 46 | 4.865 | 1171 | 1174 | 1177 | rBV  | 1937   | 1553    | 0.05%  | 0.008% |
| 47 | 5.045 | 1227 | 1230 | 1233 | rVB  | 2101   | 1368    | 0.04%  | 0.007% |
| 48 | 5.186 | 1271 | 1274 | 1278 | rBV  | 2279   | 2006    | 0.06%  | 0.011% |
| 49 | 5.231 | 1284 | 1288 | 1292 | rBV  | 2270   | 2644    | 0.08%  | 0.014% |
| 50 | 5.338 | 1297 | 1321 | 1353 | rVV2 | 605774 | 1844100 | 56.39% | 9.894% |
| 51 | 5.547 | 1383 | 1386 | 1389 | rBV2 | 1889   | 1481    | 0.05%  | 0.008% |
| 52 | 5.755 | 1448 | 1451 | 1459 | rVB  | 2453   | 2911    | 0.09%  | 0.016% |
| 53 | 5.881 | 1478 | 1490 | 1519 | rBV  | 528014 | 1066395 | 32.61% | 5.721% |
| 54 | 6.138 | 1567 | 1570 | 1571 | rBV  | 2254   | 1349    | 0.04%  | 0.007% |
| 55 | 6.254 | 1602 | 1606 | 1609 | rBV  | 3123   | 2799    | 0.09%  | 0.015% |
| 56 | 6.328 | 1615 | 1629 | 1654 | rBV  | 408765 | 833404  | 25.48% | 4.471% |
| 57 | 6.479 | 1673 | 1676 | 1678 | rBV2 | 2018   | 1271    | 0.04%  | 0.007% |
| 58 | 6.739 | 1752 | 1757 | 1762 | rBV  | 1550   | 2093    | 0.06%  | 0.011% |
| 59 | 6.820 | 1778 | 1782 | 1786 | rBV  | 2784   | 2403    | 0.07%  | 0.013% |
| 60 | 7.225 | 1894 | 1908 | 1926 | rBV  | 226893 | 415703  | 12.71% | 2.230% |
| 61 | 7.563 | 2001 | 2013 | 2033 | rBV  | 760151 | 1335880 | 40.85% | 7.167% |
| 62 | 7.845 | 2092 | 2101 | 2121 | rBV  | 155830 | 271075  | 8.29%  | 1.454% |
| 63 | 8.251 | 2223 | 2227 | 2230 | rBV  | 3124   | 2839    | 0.09%  | 0.015% |
| 64 | 8.308 | 2234 | 2245 | 2280 | rVV  | 611307 | 1133306 | 34.66% | 6.080% |
| 65 | 8.508 | 2304 | 2307 | 2311 | rBV  | 1819   | 1784    | 0.05%  | 0.010% |
| 66 | 8.916 | 2431 | 2434 | 2441 | rVB  | 2755   | 2987    | 0.09%  | 0.016% |
| 67 | 9.087 | 2475 | 2487 | 2491 | rBV  | 820963 | 1295520 | 39.62% | 6.951% |
| 68 | 9.116 | 2492 | 2496 | 2521 | rVB  | 884768 | 1310917 | 40.09% | 7.033% |
| 69 | 9.257 | 2537 | 2540 | 2544 | rBV  | 2755   | 1947    | 0.06%  | 0.010% |
| 70 | 9.334 | 2562 | 2564 | 2570 | rBV2 | 1683   | 1948    | 0.06%  | 0.010% |
| 71 | 9.514 | 2617 | 2620 | 2624 | rBV  | 2888   | 2736    | 0.08%  | 0.015% |

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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\SOMULM032319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 9.575  | 2636 | 2639 | 2643 | rVB  | 2194    | 1433    | 0.04%   | 0.008%  |
| 73  | 9.993  | 2766 | 2769 | 2775 | rVB2 | 1615    | 1651    | 0.05%   | 0.009%  |
| 74  | 10.427 | 2892 | 2904 | 2926 | rVV  | 567083  | 915078  | 27.98%  | 4.909%  |
| 75  | 10.823 | 3023 | 3027 | 3029 | rBV  | 2921    | 2509    | 0.08%   | 0.013%  |
| 76  | 10.894 | 3045 | 3049 | 3054 | rBV  | 2256    | 2702    | 0.08%   | 0.014%  |
| 77  | 11.302 | 3173 | 3176 | 3179 | rVB  | 2686    | 1486    | 0.05%   | 0.008%  |
| 78  | 11.366 | 3193 | 3196 | 3200 | rVB  | 2221    | 1795    | 0.05%   | 0.010%  |
| 79  | 11.414 | 3200 | 3211 | 3221 | rBV3 | 74076   | 124751  | 3.81%   | 0.669%  |
| 80  | 11.482 | 3221 | 3232 | 3258 | rVB2 | 719783  | 1576150 | 48.20%  | 8.456%  |
| 81  | 11.601 | 3266 | 3269 | 3271 | rBV  | 2094    | 1663    | 0.05%   | 0.009%  |
| 82  | 11.871 | 3337 | 3353 | 3374 | rBV2 | 1506234 | 3270250 | 100.00% | 17.545% |
| 83  | 12.048 | 3406 | 3408 | 3414 | rBV  | 1746    | 2082    | 0.06%   | 0.011%  |
| 84  | 12.408 | 3517 | 3520 | 3522 | rBV  | 2090    | 1533    | 0.05%   | 0.008%  |
| 85  | 12.652 | 3592 | 3596 | 3599 | rBV2 | 3013    | 2839    | 0.09%   | 0.015%  |
| 86  | 12.910 | 3672 | 3676 | 3682 | rBV  | 1932    | 2294    | 0.07%   | 0.012%  |
| 87  | 12.990 | 3698 | 3701 | 3704 | rBV  | 2085    | 1287    | 0.04%   | 0.007%  |
| 88  | 13.147 | 3746 | 3750 | 3755 | rBV  | 2173    | 2392    | 0.07%   | 0.013%  |
| 89  | 13.379 | 3819 | 3822 | 3830 | rVB  | 2179    | 1823    | 0.06%   | 0.010%  |
| 90  | 13.501 | 3848 | 3860 | 3877 | rBV  | 358381  | 625429  | 19.12%  | 3.355%  |
| 91  | 13.742 | 3928 | 3935 | 3938 | rBV2 | 2964    | 3556    | 0.11%   | 0.019%  |
| 92  | 13.987 | 4001 | 4011 | 4033 | rBV2 | 67967   | 134351  | 4.11%   | 0.721%  |
| 93  | 14.389 | 4132 | 4136 | 4140 | rBV  | 2619    | 2233    | 0.07%   | 0.012%  |
| 94  | 14.646 | 4213 | 4216 | 4219 | rBV  | 2448    | 1621    | 0.05%   | 0.009%  |
| 95  | 14.736 | 4239 | 4244 | 4248 | rBV  | 2191    | 2362    | 0.07%   | 0.013%  |
| 96  | 14.890 | 4289 | 4292 | 4294 | rBV  | 1779    | 1417    | 0.04%   | 0.008%  |
| 97  | 15.186 | 4381 | 4384 | 4387 | rBV  | 2230    | 1454    | 0.04%   | 0.008%  |
| 98  | 15.395 | 4447 | 4449 | 4457 | rBV  | 2008    | 2521    | 0.08%   | 0.014%  |
| 99  | 16.331 | 4734 | 4740 | 4743 | rBV  | 2976    | 3996    | 0.12%   | 0.021%  |
| 100 | 16.781 | 4877 | 4880 | 4885 | rBV3 | 3154    | 3451    | 0.11%   | 0.019%  |

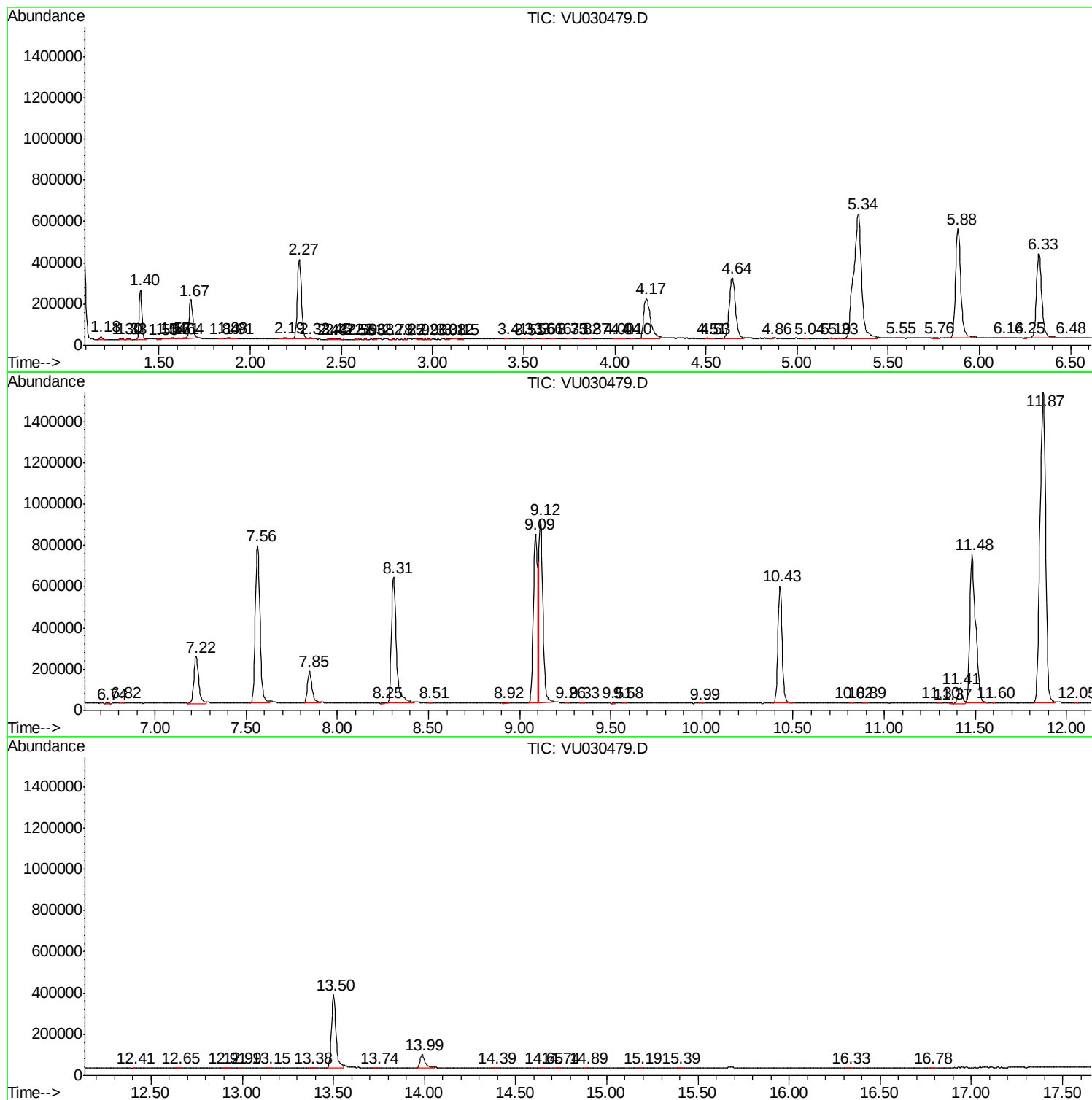
Sum of corrected areas: 18638982

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU032719\  
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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        |