

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
 Data File : VW010212.D  
 Acq On : 30 Apr 2019 10:20  
 Operator : SY/VA  
 Sample : VW0429SBL03  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK18

## 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\_W\METHOD\SOM2WLM042919S.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         | 2.361       | 69            | 75          | 87           | rVB      | 108619         | 241686        | 11.26%          | 1.419%        |
| 2         | 2.891       | 155           | 162         | 177          | rBV      | 84440          | 236080        | 11.00%          | 1.386%        |
| 3         | 3.855       | 317           | 320         | 321          | rBV3     | 2059           | 2040          | 0.10%           | 0.012%        |
| 4         | 4.013       | 333           | 346         | 365          | rBV      | 209561         | 724834        | 33.77%          | 4.256%        |
| 5         | 4.348       | 396           | 401         | 402          | rBV3     | 1996           | 2975          | 0.14%           | 0.017%        |
| 6         | 4.391       | 402           | 408         | 421          | rVB      | 12390          | 36173         | 1.69%           | 0.212%        |
| 7         | 4.818       | 475           | 478         | 480          | rBV3     | 917            | 1133          | 0.05%           | 0.007%        |
| 8         | 4.915       | 484           | 494         | 495          | rBV4     | 5964           | 15252         | 0.71%           | 0.090%        |
| 9         | 5.129       | 528           | 529         | 534          | rBV3     | 1143           | 1696          | 0.08%           | 0.010%        |
| 10        | 5.184       | 534           | 538         | 543          | rBV5     | 1058           | 2198          | 0.10%           | 0.013%        |
| 11        | 5.525       | 591           | 594         | 597          | rVB2     | 857            | 1121          | 0.05%           | 0.007%        |
| 12        | 5.562       | 597           | 600         | 605          | rBV5     | 941            | 1646          | 0.08%           | 0.010%        |
| 13        | 5.927       | 651           | 660         | 666          | rVV5     | 3691           | 10940         | 0.51%           | 0.064%        |
| 14        | 6.196       | 701           | 704         | 706          | rVB3     | 1115           | 1314          | 0.06%           | 0.008%        |
| 15        | 7.074       | 840           | 848         | 860          | rBV      | 80982          | 223836        | 10.43%          | 1.314%        |
| 16        | 7.311       | 884           | 887         | 889          | rVB2     | 1112           | 1173          | 0.05%           | 0.007%        |
| 17        | 7.366       | 892           | 896         | 900          | rBV6     | 920            | 1382          | 0.06%           | 0.008%        |
| 18        | 7.494       | 913           | 917         | 918          | rBV4     | 773            | 1195          | 0.06%           | 0.007%        |
| 19        | 7.525       | 920           | 922         | 927          | rVB4     | 953            | 1400          | 0.07%           | 0.008%        |
| 20        | 7.641       | 931           | 941         | 952          | rBV      | 385647         | 919775        | 42.85%          | 5.401%        |
| 21        | 7.726       | 954           | 955         | 960          | rVB4     | 1005           | 1564          | 0.07%           | 0.009%        |
| 22        | 7.836       | 970           | 973         | 975          | rBV3     | 795            | 1138          | 0.05%           | 0.007%        |
| 23        | 7.891       | 979           | 982         | 985          | rBV2     | 808            | 1170          | 0.05%           | 0.007%        |
| 24        | 7.945       | 989           | 991         | 997          | rBV6     | 894            | 1539          | 0.07%           | 0.009%        |
| 25        | 8.275       | 1034          | 1045        | 1060         | rBV2     | 714272         | 2146425       | 100.00%         | 12.603%       |
| 26        | 8.610       | 1098          | 1100        | 1106         | rBV6     | 1457           | 2412          | 0.11%           | 0.014%        |
| 27        | 8.842       | 1129          | 1138        | 1155         | rBV      | 783200         | 1526440       | 71.12%          | 8.963%        |
| 28        | 9.274       | 1200          | 1209        | 1219         | rBV      | 522280         | 1052520       | 49.04%          | 6.180%        |
| 29        | 9.463       | 1236          | 1240        | 1241         | rBV3     | 1083           | 1390          | 0.06%           | 0.008%        |
| 30        | 9.512       | 1246          | 1248        | 1253         | rVB3     | 825            | 1112          | 0.05%           | 0.007%        |
| 31        | 9.585       | 1257          | 1260        | 1262         | rBV      | 1550           | 1810          | 0.08%           | 0.011%        |
| 32        | 9.652       | 1268          | 1271        | 1272         | rBV2     | 1381           | 1362          | 0.06%           | 0.008%        |
| 33        | 9.756       | 1280          | 1288        | 1295         | rBV5     | 6288           | 13689         | 0.64%           | 0.080%        |
| 34        | 9.811       | 1295          | 1297        | 1302         | rVB4     | 1074           | 1432          | 0.07%           | 0.008%        |

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 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\_W\METHOD\SOM2WLM042919S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 9.890  | 1302 | 1310 | 1318 | rBV2 | 15475   | 33489   | 1.56%  | 0.197%  |
| 36 | 10.036 | 1325 | 1334 | 1346 | rBV  | 267513  | 499383  | 23.27% | 2.932%  |
| 37 | 10.244 | 1361 | 1368 | 1374 | rBV3 | 9148    | 18422   | 0.86%  | 0.108%  |
| 38 | 10.323 | 1374 | 1381 | 1389 | rBV  | 976464  | 1691941 | 78.83% | 9.935%  |
| 39 | 10.512 | 1408 | 1412 | 1414 | rVB4 | 1261    | 1829    | 0.09%  | 0.011%  |
| 40 | 10.579 | 1415 | 1423 | 1436 | rBV  | 194406  | 338794  | 15.78% | 1.989%  |
| 41 | 10.707 | 1438 | 1444 | 1450 | rVB3 | 14874   | 25823   | 1.20%  | 0.152%  |
| 42 | 10.774 | 1451 | 1455 | 1461 | rVB7 | 3709    | 5381    | 0.25%  | 0.032%  |
| 43 | 10.841 | 1461 | 1466 | 1472 | rBV6 | 3481    | 7248    | 0.34%  | 0.043%  |
| 44 | 10.927 | 1473 | 1480 | 1492 | rBV  | 336274  | 570896  | 26.60% | 3.352%  |
| 45 | 11.055 | 1499 | 1501 | 1502 | rBV  | 1477    | 1337    | 0.06%  | 0.008%  |
| 46 | 11.170 | 1518 | 1520 | 1522 | rBV2 | 826     | 1091    | 0.05%  | 0.006%  |
| 47 | 11.341 | 1544 | 1548 | 1550 | rBV4 | 1429    | 2306    | 0.11%  | 0.014%  |
| 48 | 11.402 | 1555 | 1558 | 1561 | rVV4 | 2533    | 2766    | 0.13%  | 0.016%  |
| 49 | 11.494 | 1568 | 1573 | 1576 | rBV3 | 1328    | 2203    | 0.10%  | 0.013%  |
| 50 | 11.634 | 1584 | 1596 | 1606 | rBV  | 1149242 | 1955139 | 91.09% | 11.480% |
| 51 | 11.841 | 1627 | 1630 | 1631 | rBV3 | 2525    | 2621    | 0.12%  | 0.015%  |
| 52 | 12.115 | 1672 | 1675 | 1677 | rBV3 | 1099    | 1295    | 0.06%  | 0.008%  |
| 53 | 12.140 | 1677 | 1679 | 1681 | rVV2 | 932     | 1075    | 0.05%  | 0.006%  |
| 54 | 12.176 | 1681 | 1685 | 1690 | rVV5 | 4019    | 6602    | 0.31%  | 0.039%  |
| 55 | 12.347 | 1708 | 1713 | 1715 | rBV3 | 1283    | 2026    | 0.09%  | 0.012%  |
| 56 | 12.469 | 1726 | 1733 | 1737 | rVV5 | 5675    | 9370    | 0.44%  | 0.055%  |
| 57 | 12.609 | 1750 | 1756 | 1763 | rVV  | 51491   | 88174   | 4.11%  | 0.518%  |
| 58 | 12.695 | 1763 | 1770 | 1778 | rVV  | 469909  | 771243  | 35.93% | 4.529%  |
| 59 | 12.756 | 1778 | 1780 | 1785 | rVV5 | 2094    | 3345    | 0.16%  | 0.020%  |
| 60 | 12.792 | 1785 | 1786 | 1790 | rVB2 | 1392    | 1228    | 0.06%  | 0.007%  |
| 61 | 12.932 | 1805 | 1809 | 1813 | rBV5 | 1505    | 2177    | 0.10%  | 0.013%  |
| 62 | 12.969 | 1813 | 1815 | 1820 | rBV3 | 885     | 1072    | 0.05%  | 0.006%  |
| 63 | 13.036 | 1820 | 1826 | 1831 | rBV6 | 2550    | 4606    | 0.21%  | 0.027%  |
| 64 | 13.121 | 1838 | 1840 | 1844 | rVB4 | 1271    | 1461    | 0.07%  | 0.009%  |
| 65 | 13.194 | 1844 | 1852 | 1855 | rBV6 | 2922    | 6146    | 0.29%  | 0.036%  |
| 66 | 13.231 | 1855 | 1858 | 1861 | rBV5 | 1190    | 1637    | 0.08%  | 0.010%  |
| 67 | 13.310 | 1866 | 1871 | 1875 | rVB6 | 2072    | 4405    | 0.21%  | 0.026%  |
| 68 | 13.347 | 1875 | 1877 | 1882 | rBV5 | 1134    | 1456    | 0.07%  | 0.009%  |
| 69 | 13.414 | 1882 | 1888 | 1893 | rBV7 | 5340    | 10361   | 0.48%  | 0.061%  |
| 70 | 13.505 | 1893 | 1903 | 1905 | rBV7 | 9996    | 19547   | 0.91%  | 0.115%  |
| 71 | 13.560 | 1905 | 1912 | 1925 | rVB  | 1209807 | 1897076 | 88.38% | 11.139% |

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Instrument :  
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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\_W\METHOD\SOM2WLM042919S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 13.743 | 1940 | 1942 | 1943 | rVV2 | 1826   | 1510    | 0.07%  | 0.009% |
| 73  | 13.768 | 1943 | 1946 | 1951 | rVV6 | 3609   | 5687    | 0.26%  | 0.033% |
| 74  | 13.859 | 1953 | 1961 | 1967 | rVV  | 969932 | 1633762 | 76.12% | 9.593% |
| 75  | 13.908 | 1967 | 1969 | 1973 | rVV2 | 10140  | 14322   | 0.67%  | 0.084% |
| 76  | 13.957 | 1974 | 1977 | 1981 | rVV3 | 5330   | 8803    | 0.41%  | 0.052% |
| 77  | 13.993 | 1981 | 1983 | 1984 | rVV2 | 1510   | 1431    | 0.07%  | 0.008% |
| 78  | 14.017 | 1985 | 1987 | 1989 | rVV3 | 2615   | 2840    | 0.13%  | 0.017% |
| 79  | 14.078 | 1992 | 1997 | 2006 | rVB2 | 50228  | 82580   | 3.85%  | 0.485% |
| 80  | 14.334 | 2034 | 2039 | 2042 | rBV4 | 5290   | 8212    | 0.38%  | 0.048% |
| 81  | 14.633 | 2082 | 2088 | 2091 | rBV4 | 6148   | 9133    | 0.43%  | 0.054% |
| 82  | 14.700 | 2095 | 2099 | 2100 | rBV4 | 1533   | 1868    | 0.09%  | 0.011% |
| 83  | 14.725 | 2101 | 2103 | 2108 | rVB3 | 1926   | 2298    | 0.11%  | 0.013% |
| 84  | 14.877 | 2126 | 2128 | 2133 | rBV5 | 1798   | 2500    | 0.12%  | 0.015% |
| 85  | 15.127 | 2166 | 2169 | 2170 | rBV3 | 4416   | 3819    | 0.18%  | 0.022% |
| 86  | 15.188 | 2176 | 2179 | 2181 | rBV3 | 2233   | 2635    | 0.12%  | 0.015% |
| 87  | 15.322 | 2198 | 2201 | 2203 | rVB4 | 1038   | 1315    | 0.06%  | 0.008% |
| 88  | 15.371 | 2203 | 2209 | 2212 | rBV4 | 6074   | 10077   | 0.47%  | 0.059% |
| 89  | 15.407 | 2213 | 2215 | 2217 | rVV2 | 4761   | 5652    | 0.26%  | 0.033% |
| 90  | 15.444 | 2218 | 2221 | 2226 | rVV4 | 7701   | 12705   | 0.59%  | 0.075% |
| 91  | 15.505 | 2226 | 2231 | 2237 | rVV  | 12402  | 21304   | 0.99%  | 0.125% |
| 92  | 15.603 | 2246 | 2247 | 2249 | rBV2 | 1484   | 1214    | 0.06%  | 0.007% |
| 93  | 15.810 | 2275 | 2281 | 2287 | rVB6 | 4481   | 9387    | 0.44%  | 0.055% |
| 94  | 15.859 | 2287 | 2289 | 2292 | rBV3 | 1118   | 1369    | 0.06%  | 0.008% |
| 95  | 15.889 | 2292 | 2294 | 2295 | rBV2 | 1686   | 1480    | 0.07%  | 0.009% |
| 96  | 15.962 | 2302 | 2306 | 2307 | rBV3 | 1788   | 1932    | 0.09%  | 0.011% |
| 97  | 16.218 | 2344 | 2348 | 2349 | rBV3 | 1585   | 1878    | 0.09%  | 0.011% |
| 98  | 16.505 | 2393 | 2395 | 2397 | rBV2 | 1076   | 1106    | 0.05%  | 0.006% |
| 99  | 16.590 | 2408 | 2409 | 2411 | rBV2 | 1526   | 1286    | 0.06%  | 0.008% |
| 100 | 16.743 | 2431 | 2434 | 2437 | rVB3 | 1579   | 1800    | 0.08%  | 0.011% |

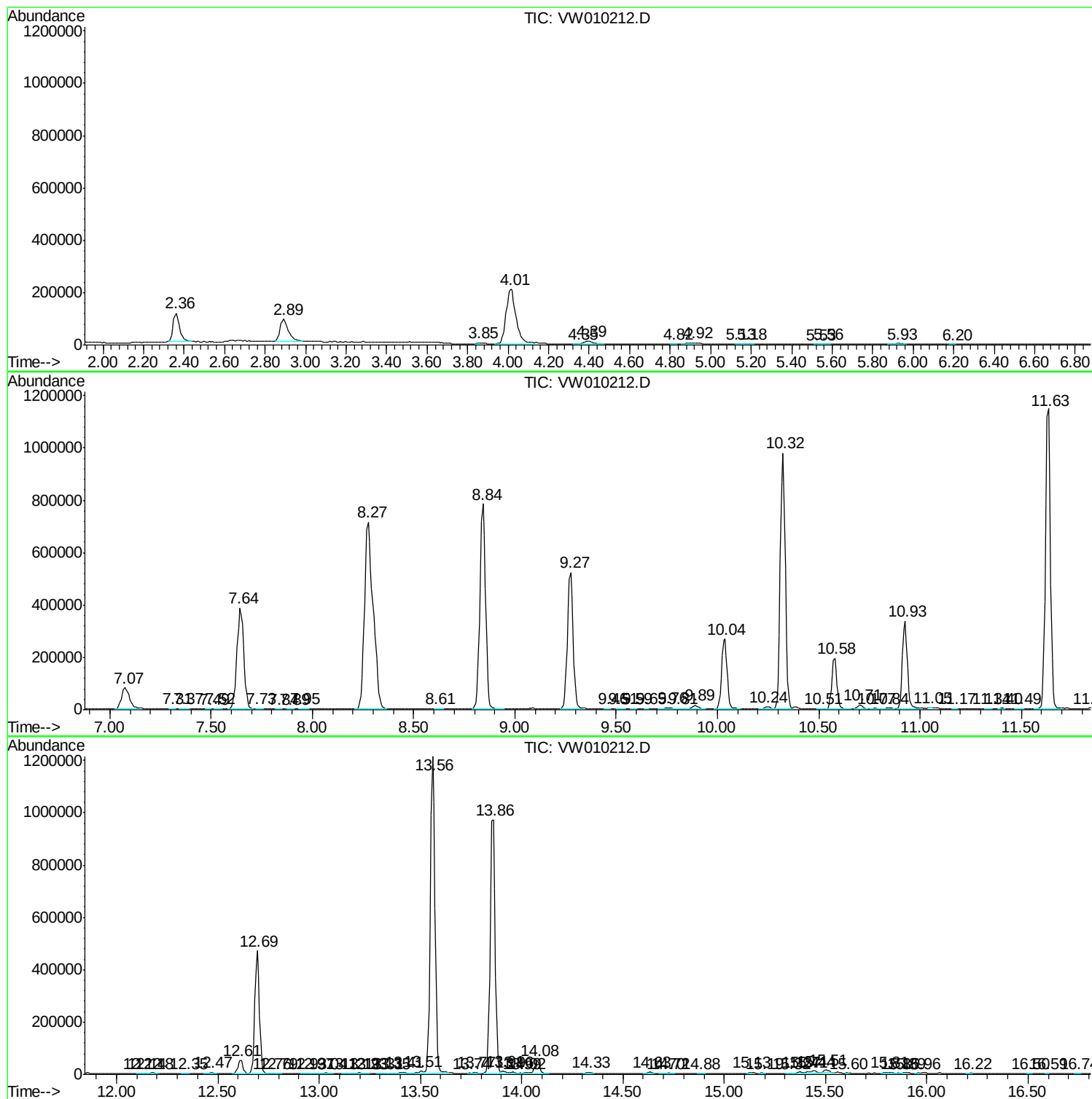
Sum of corrected areas: 17030728

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW042919\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
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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 Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

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