

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\  
 Data File : VW016643.D  
 Acq On : 24 Sep 2020 16:02  
 Operator : SY/VA  
 Sample : L4110-10  
 Misc : 5.68G/10ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AL6

## 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\SOM2WLM091520S.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      | 2.367    | 70         | 76       | 90        | rVB   | 109291      | 222432     | 12.74%       | 1.586%     |
| 2      | 2.903    | 158        | 164      | 177       | rVB   | 74647       | 197822     | 11.33%       | 1.411%     |
| 3      | 3.794    | 308        | 310      | 313       | rBV2  | 464         | 386        | 0.02%        | 0.003%     |
| 4      | 3.830    | 313        | 316      | 317       | rVB2  | 400         | 319        | 0.02%        | 0.002%     |
| 5      | 3.861    | 319        | 321      | 323       | rBV   | 359         | 233        | 0.01%        | 0.002%     |
| 6      | 4.031    | 337        | 349      | 365       | rBV   | 211192      | 634950     | 36.38%       | 4.528%     |
| 7      | 4.306    | 392        | 394      | 396       | rBV2  | 296         | 229        | 0.01%        | 0.002%     |
| 8      | 4.336    | 396        | 399      | 401       | rBV2  | 294         | 272        | 0.02%        | 0.002%     |
| 9      | 4.367    | 402        | 404      | 405       | rBV2  | 475         | 343        | 0.02%        | 0.002%     |
| 10     | 4.556    | 434        | 435      | 437       | rVB2  | 341         | 227        | 0.01%        | 0.002%     |
| 11     | 4.574    | 437        | 438      | 441       | rBV3  | 393         | 397        | 0.02%        | 0.003%     |
| 12     | 4.604    | 441        | 443      | 447       | rVB3  | 326         | 423        | 0.02%        | 0.003%     |
| 13     | 4.659    | 447        | 452      | 454       | rVB2  | 494         | 449        | 0.03%        | 0.003%     |
| 14     | 4.708    | 457        | 460      | 462       | rBV   | 375         | 296        | 0.02%        | 0.002%     |
| 15     | 4.818    | 475        | 478      | 479       | rBV2  | 265         | 230        | 0.01%        | 0.002%     |
| 16     | 4.934    | 484        | 497      | 514       | rBV3  | 25171       | 89765      | 5.14%        | 0.640%     |
| 17     | 5.116    | 525        | 527      | 530       | rBV4  | 285         | 403        | 0.02%        | 0.003%     |
| 18     | 5.141    | 530        | 531      | 535       | rVB3  | 440         | 526        | 0.03%        | 0.004%     |
| 19     | 5.238    | 545        | 547      | 550       | rVB2  | 687         | 511        | 0.03%        | 0.004%     |
| 20     | 5.391    | 567        | 572      | 573       | rBV2  | 216         | 249        | 0.01%        | 0.002%     |
| 21     | 5.446    | 577        | 581      | 583       | rVB2  | 298         | 373        | 0.02%        | 0.003%     |
| 22     | 5.531    | 593        | 595      | 598       | rVV2  | 278         | 327        | 0.02%        | 0.002%     |
| 23     | 5.592    | 601        | 605      | 607       | rBV   | 356         | 480        | 0.03%        | 0.003%     |
| 24     | 5.763    | 626        | 633      | 634       | rBV2  | 609         | 936        | 0.05%        | 0.007%     |
| 25     | 5.946    | 655        | 663      | 664       | rBV4  | 4931        | 8396       | 0.48%        | 0.060%     |
| 26     | 6.135    | 691        | 694      | 700       | rVB3  | 284         | 493        | 0.03%        | 0.004%     |
| 27     | 6.409    | 738        | 739      | 742       | rVB2  | 379         | 236        | 0.01%        | 0.002%     |
| 28     | 6.561    | 761        | 764      | 767       | rVB2  | 335         | 504        | 0.03%        | 0.004%     |
| 29     | 6.604    | 767        | 771      | 773       | rVB2  | 369         | 335        | 0.02%        | 0.002%     |
| 30     | 6.634    | 775        | 776      | 781       | rBV2  | 488         | 553        | 0.03%        | 0.004%     |
| 31     | 6.744    | 792        | 794      | 797       | rVB   | 244         | 233        | 0.01%        | 0.002%     |
| 32     | 7.086    | 841        | 850      | 854       | rBV   | 41076       | 108101     | 6.19%        | 0.771%     |
| 33     | 7.659    | 933        | 944      | 957       | rVB   | 310596      | 768195     | 44.01%       | 5.478%     |
| 34     | 7.805    | 966        | 968      | 971       | rVB3  | 280         | 284        | 0.02%        | 0.002%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 7.951  | 986  | 992  | 1000 | rVB6 | 1908   | 4639    | 0.27%   | 0.033%  |
| 36 | 8.024  | 1002 | 1004 | 1005 | rBV  | 354    | 225     | 0.01%   | 0.002%  |
| 37 | 8.073  | 1010 | 1012 | 1013 | rBV2 | 382    | 335     | 0.02%   | 0.002%  |
| 38 | 8.281  | 1035 | 1046 | 1062 | rBV2 | 611098 | 1745344 | 100.00% | 12.446% |
| 39 | 8.488  | 1076 | 1080 | 1083 | rBV3 | 473    | 591     | 0.03%   | 0.004%  |
| 40 | 8.512  | 1083 | 1084 | 1086 | rVB  | 359    | 227     | 0.01%   | 0.002%  |
| 41 | 8.555  | 1089 | 1091 | 1095 | rBV3 | 398    | 421     | 0.02%   | 0.003%  |
| 42 | 8.591  | 1095 | 1097 | 1099 | rVB2 | 328    | 271     | 0.02%   | 0.002%  |
| 43 | 8.628  | 1099 | 1103 | 1104 | rBV  | 796    | 731     | 0.04%   | 0.005%  |
| 44 | 8.695  | 1110 | 1114 | 1119 | rVB5 | 1097   | 1832    | 0.10%   | 0.013%  |
| 45 | 8.750  | 1119 | 1123 | 1124 | rBV2 | 324    | 412     | 0.02%   | 0.003%  |
| 46 | 8.847  | 1129 | 1139 | 1149 | rBV  | 694130 | 1355179 | 77.65%  | 9.664%  |
| 47 | 9.280  | 1201 | 1210 | 1219 | rBV  | 385302 | 783702  | 44.90%  | 5.589%  |
| 48 | 9.469  | 1239 | 1241 | 1243 | rBV  | 193    | 232     | 0.01%   | 0.002%  |
| 49 | 9.591  | 1258 | 1261 | 1264 | rVB3 | 365    | 445     | 0.03%   | 0.003%  |
| 50 | 9.671  | 1268 | 1274 | 1279 | rBV3 | 1840   | 3679    | 0.21%   | 0.026%  |
| 51 | 9.762  | 1287 | 1289 | 1291 | rVV  | 363    | 283     | 0.02%   | 0.002%  |
| 52 | 9.817  | 1294 | 1298 | 1301 | rVV  | 391    | 517     | 0.03%   | 0.004%  |
| 53 | 9.853  | 1302 | 1304 | 1305 | rVV  | 494    | 297     | 0.02%   | 0.002%  |
| 54 | 10.036 | 1324 | 1334 | 1344 | rBV  | 220579 | 402572  | 23.07%  | 2.871%  |
| 55 | 10.213 | 1357 | 1363 | 1370 | rBV2 | 2443   | 4570    | 0.26%   | 0.033%  |
| 56 | 10.262 | 1370 | 1371 | 1372 | rVB  | 688    | 252     | 0.01%   | 0.002%  |
| 57 | 10.329 | 1372 | 1382 | 1397 | rBV  | 890981 | 1580958 | 90.58%  | 11.274% |
| 58 | 10.506 | 1409 | 1411 | 1416 | rVB3 | 488    | 443     | 0.03%   | 0.003%  |
| 59 | 10.579 | 1416 | 1423 | 1435 | rBV  | 136445 | 240009  | 13.75%  | 1.712%  |
| 60 | 10.707 | 1437 | 1444 | 1454 | rVB  | 76386  | 134788  | 7.72%   | 0.961%  |
| 61 | 10.847 | 1462 | 1467 | 1473 | rBV5 | 1507   | 3070    | 0.18%   | 0.022%  |
| 62 | 10.926 | 1473 | 1480 | 1495 | rVV  | 164196 | 278934  | 15.98%  | 1.989%  |
| 63 | 11.067 | 1497 | 1503 | 1516 | rVV  | 50828  | 86883   | 4.98%   | 0.620%  |
| 64 | 11.182 | 1518 | 1522 | 1527 | rVB6 | 2329   | 4399    | 0.25%   | 0.031%  |
| 65 | 11.323 | 1541 | 1545 | 1546 | rBV2 | 419    | 322     | 0.02%   | 0.002%  |
| 66 | 11.445 | 1555 | 1565 | 1571 | rBV  | 15755  | 29273   | 1.68%   | 0.209%  |
| 67 | 11.634 | 1587 | 1596 | 1610 | rBV  | 924410 | 1561851 | 89.49%  | 11.138% |
| 68 | 12.036 | 1659 | 1662 | 1663 | rBV3 | 428    | 492     | 0.03%   | 0.004%  |
| 69 | 12.054 | 1663 | 1665 | 1669 | rVB2 | 586    | 703     | 0.04%   | 0.005%  |
| 70 | 12.097 | 1669 | 1672 | 1675 | rBV2 | 469    | 575     | 0.03%   | 0.004%  |
| 71 | 12.170 | 1681 | 1684 | 1692 | rVB6 | 972    | 2043    | 0.12%   | 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\_W\METHOD\SOM2WLM091520S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 12.231 | 1692 | 1694 | 1695 | rBV2 | 665    | 482     | 0.03%  | 0.003%  |
| 73  | 12.347 | 1709 | 1713 | 1718 | rVV4 | 1864   | 3463    | 0.20%  | 0.025%  |
| 74  | 12.390 | 1718 | 1720 | 1722 | rVV  | 546    | 392     | 0.02%  | 0.003%  |
| 75  | 12.475 | 1727 | 1734 | 1739 | rBV5 | 3879   | 6551    | 0.38%  | 0.047%  |
| 76  | 12.609 | 1749 | 1756 | 1763 | rVB  | 118751 | 200132  | 11.47% | 1.427%  |
| 77  | 12.694 | 1763 | 1770 | 1778 | rVB  | 298669 | 481353  | 27.58% | 3.433%  |
| 78  | 12.749 | 1778 | 1779 | 1784 | rBV2 | 515    | 733     | 0.04%  | 0.005%  |
| 79  | 12.835 | 1790 | 1793 | 1795 | rBV2 | 458    | 619     | 0.04%  | 0.004%  |
| 80  | 12.865 | 1795 | 1798 | 1799 | rBV3 | 452    | 524     | 0.03%  | 0.004%  |
| 81  | 12.938 | 1805 | 1810 | 1813 | rBV5 | 3857   | 6297    | 0.36%  | 0.045%  |
| 82  | 13.042 | 1821 | 1827 | 1830 | rBV3 | 1995   | 2842    | 0.16%  | 0.020%  |
| 83  | 13.298 | 1864 | 1869 | 1878 | rVB2 | 10748  | 18129   | 1.04%  | 0.129%  |
| 84  | 13.359 | 1878 | 1879 | 1880 | rBV  | 629    | 391     | 0.02%  | 0.003%  |
| 85  | 13.402 | 1881 | 1886 | 1893 | rVV4 | 5738   | 9594    | 0.55%  | 0.068%  |
| 86  | 13.469 | 1893 | 1897 | 1901 | rBV4 | 5248   | 9117    | 0.52%  | 0.065%  |
| 87  | 13.560 | 1905 | 1912 | 1924 | rVB  | 947941 | 1521296 | 87.16% | 10.849% |
| 88  | 13.755 | 1941 | 1944 | 1949 | rBV5 | 2719   | 5279    | 0.30%  | 0.038%  |
| 89  | 13.853 | 1953 | 1960 | 1967 | rBV  | 788296 | 1318621 | 75.55% | 9.403%  |
| 90  | 13.950 | 1974 | 1976 | 1980 | rVB3 | 2328   | 2405    | 0.14%  | 0.017%  |
| 91  | 14.017 | 1984 | 1987 | 1990 | rBV5 | 1770   | 3159    | 0.18%  | 0.023%  |
| 92  | 14.072 | 1991 | 1996 | 2002 | rVB  | 51656  | 81894   | 4.69%  | 0.584%  |
| 93  | 14.200 | 2014 | 2017 | 2023 | rVB2 | 2345   | 4029    | 0.23%  | 0.029%  |
| 94  | 14.249 | 2023 | 2025 | 2026 | rBV2 | 795    | 546     | 0.03%  | 0.004%  |
| 95  | 14.328 | 2031 | 2038 | 2047 | rVV4 | 18091  | 34475   | 1.98%  | 0.246%  |
| 96  | 14.487 | 2062 | 2064 | 2065 | rBV  | 768    | 648     | 0.04%  | 0.005%  |
| 97  | 14.724 | 2100 | 2103 | 2108 | rVB6 | 3008   | 4881    | 0.28%  | 0.035%  |
| 98  | 14.773 | 2109 | 2111 | 2112 | rBV2 | 817    | 487     | 0.03%  | 0.003%  |
| 99  | 15.438 | 2215 | 2220 | 2225 | rVV  | 16437  | 25929   | 1.49%  | 0.185%  |
| 100 | 15.493 | 2225 | 2229 | 2236 | rVB4 | 4142   | 7422    | 0.43%  | 0.053%  |

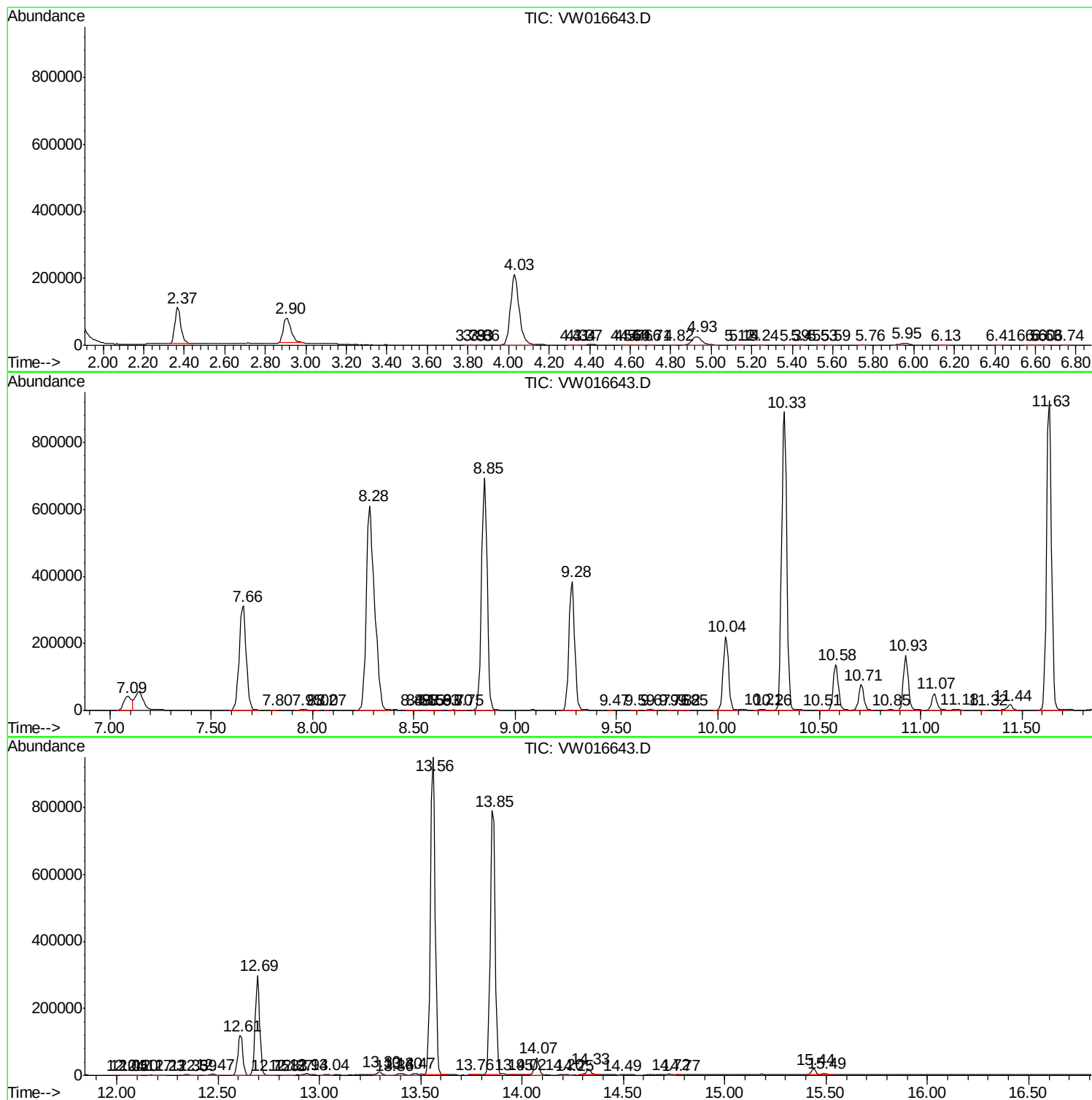
Sum of corrected areas: 14023097

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis

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



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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          |