

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\  
 Data File : VD067421.D  
 Acq On : 27 Oct 2020 19:37  
 Operator : VA/SY  
 Sample : L4510-05  
 Misc : 6.16G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VOC-5

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_D\METHOD\82D101320S.M  
 Title : SW846 8260

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         | 2.109       | 29            | 32          | 33           | rBV      | 1334           | 1324          | 1.65%           | 0.222%        |
| 2         | 2.262       | 56            | 58          | 60           | rBV2     | 1831           | 1189          | 1.48%           | 0.199%        |
| 3         | 2.338       | 66            | 71          | 74           | rVB4     | 1364           | 2375          | 2.96%           | 0.398%        |
| 4         | 2.509       | 99            | 100         | 103          | rVB      | 2901           | 1465          | 1.83%           | 0.245%        |
| 5         | 2.591       | 111           | 114         | 117          | rBV3     | 1314           | 1763          | 2.20%           | 0.295%        |
| 6         | 2.632       | 120           | 121         | 124          | rVB      | 1918           | 1508          | 1.88%           | 0.253%        |
| 7         | 2.679       | 127           | 129         | 134          | rVB      | 1314           | 1254          | 1.56%           | 0.210%        |
| 8         | 2.774       | 139           | 145         | 147          | rBV4     | 2301           | 2839          | 3.54%           | 0.475%        |
| 9         | 3.150       | 203           | 209         | 211          | rBV2     | 1327           | 1901          | 2.37%           | 0.318%        |
| 10        | 3.626       | 288           | 290         | 294          | rBV2     | 1315           | 1382          | 1.72%           | 0.231%        |
| 11        | 3.685       | 297           | 300         | 302          | rVV2     | 1542           | 1291          | 1.61%           | 0.216%        |
| 12        | 3.938       | 341           | 343         | 347          | rBV2     | 811            | 1145          | 1.43%           | 0.192%        |
| 13        | 4.156       | 374           | 380         | 386          | rVB3     | 4155           | 9816          | 12.24%          | 1.644%        |
| 14        | 4.256       | 395           | 397         | 402          | rVB2     | 952            | 1189          | 1.48%           | 0.199%        |
| 15        | 4.656       | 463           | 465         | 467          | rVB2     | 1578           | 1059          | 1.32%           | 0.177%        |
| 16        | 4.697       | 470           | 472         | 473          | rVV2     | 2112           | 1167          | 1.45%           | 0.195%        |
| 17        | 4.726       | 476           | 477         | 481          | rVB2     | 1091           | 1199          | 1.49%           | 0.201%        |
| 18        | 4.785       | 483           | 487         | 488          | rBV2     | 975            | 1105          | 1.38%           | 0.185%        |
| 19        | 5.350       | 579           | 583         | 584          | rVB2     | 1262           | 1452          | 1.81%           | 0.243%        |
| 20        | 5.456       | 599           | 601         | 605          | rVB      | 1043           | 1018          | 1.27%           | 0.170%        |
| 21        | 6.126       | 713           | 715         | 719          | rVB2     | 952            | 1234          | 1.54%           | 0.207%        |
| 22        | 6.238       | 731           | 734         | 735          | rBV2     | 1087           | 1121          | 1.40%           | 0.188%        |
| 23        | 6.262       | 737           | 738         | 744          | rVB      | 1021           | 1405          | 1.75%           | 0.235%        |
| 24        | 6.456       | 768           | 771         | 774          | rVB2     | 991            | 1093          | 1.36%           | 0.183%        |
| 25        | 6.967       | 856           | 858         | 863          | rBV2     | 1172           | 1747          | 2.18%           | 0.293%        |
| 26        | 7.138       | 884           | 887         | 889          | rVB2     | 1002           | 1058          | 1.32%           | 0.177%        |
| 27        | 7.179       | 892           | 894         | 899          | rVV2     | 1180           | 1707          | 2.13%           | 0.286%        |
| 28        | 7.297       | 911           | 914         | 917          | rBV2     | 1374           | 1476          | 1.84%           | 0.247%        |
| 29        | 7.362       | 924           | 925         | 928          | rBV2     | 1321           | 1136          | 1.42%           | 0.190%        |
| 30        | 7.679       | 977           | 979         | 982          | rBV4     | 1079           | 1431          | 1.78%           | 0.240%        |
| 31        | 7.920       | 1012          | 1020        | 1025         | rBV4     | 12403          | 27698         | 34.53%          | 4.639%        |
| 32        | 7.979       | 1025          | 1030        | 1038         | rVB2     | 21411          | 43331         | 54.01%          | 7.257%        |
| 33        | 8.144       | 1055          | 1058        | 1060         | rBV      | 967            | 1109          | 1.38%           | 0.186%        |
| 34        | 8.338       | 1083          | 1091        | 1098         | rBV3     | 13932          | 32623         | 40.67%          | 5.464%        |

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 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\_D\METHOD\82D101320S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |       |         |         |
|----|--------|------|------|------|------|-------|-------|---------|---------|
| 35 | 8.585  | 1130 | 1133 | 1135 | rBV3 | 1109  | 1209  | 1.51%   | 0.202%  |
| 36 | 8.691  | 1148 | 1151 | 1154 | rBV  | 1277  | 1383  | 1.72%   | 0.232%  |
| 37 | 8.785  | 1164 | 1167 | 1170 | rBV2 | 1192  | 1775  | 2.21%   | 0.297%  |
| 38 | 8.867  | 1176 | 1181 | 1191 | rVB2 | 27840 | 56517 | 70.45%  | 9.465%  |
| 39 | 9.056  | 1211 | 1213 | 1216 | rBV  | 1041  | 1138  | 1.42%   | 0.191%  |
| 40 | 9.497  | 1284 | 1288 | 1291 | rBV2 | 1682  | 1542  | 1.92%   | 0.258%  |
| 41 | 9.967  | 1366 | 1368 | 1372 | rBV2 | 716   | 1011  | 1.26%   | 0.169%  |
| 42 | 10.073 | 1385 | 1386 | 1390 | rBV3 | 934   | 1154  | 1.44%   | 0.193%  |
| 43 | 10.344 | 1423 | 1432 | 1443 | rVB  | 44215 | 78854 | 98.29%  | 13.206% |
| 44 | 10.438 | 1443 | 1448 | 1449 | rBV2 | 897   | 1111  | 1.38%   | 0.186%  |
| 45 | 10.708 | 1491 | 1494 | 1498 | rBV3 | 932   | 1690  | 2.11%   | 0.283%  |
| 46 | 10.797 | 1508 | 1509 | 1512 | rBV2 | 1059  | 1282  | 1.60%   | 0.215%  |
| 47 | 11.161 | 1568 | 1571 | 1572 | rBV  | 983   | 1149  | 1.43%   | 0.192%  |
| 48 | 11.379 | 1605 | 1608 | 1609 | rBV2 | 908   | 1120  | 1.40%   | 0.188%  |
| 49 | 11.650 | 1645 | 1654 | 1661 | rBV2 | 43963 | 74820 | 93.27%  | 12.531% |
| 50 | 11.779 | 1671 | 1676 | 1680 | rBV2 | 1185  | 1867  | 2.33%   | 0.313%  |
| 51 | 12.638 | 1813 | 1822 | 1828 | rBV3 | 33869 | 59464 | 74.12%  | 9.959%  |
| 52 | 12.885 | 1862 | 1864 | 1865 | rBV  | 1633  | 1058  | 1.32%   | 0.177%  |
| 53 | 13.332 | 1938 | 1940 | 1943 | rBV2 | 967   | 1072  | 1.34%   | 0.180%  |
| 54 | 13.514 | 1969 | 1971 | 1975 | rVV  | 1094  | 1338  | 1.67%   | 0.224%  |
| 55 | 13.579 | 1975 | 1982 | 1989 | rVV2 | 47266 | 80222 | 100.00% | 13.435% |
| 56 | 13.726 | 2003 | 2007 | 2008 | rBV2 | 1654  | 1928  | 2.40%   | 0.323%  |
| 57 | 13.779 | 2013 | 2016 | 2017 | rBV2 | 1681  | 1574  | 1.96%   | 0.264%  |
| 58 | 13.796 | 2017 | 2019 | 2022 | rBV2 | 951   | 1079  | 1.35%   | 0.181%  |
| 59 | 13.861 | 2027 | 2030 | 2032 | rBV  | 1717  | 1599  | 1.99%   | 0.268%  |
| 60 | 14.014 | 2055 | 2056 | 2059 | rBV2 | 1591  | 1272  | 1.59%   | 0.213%  |
| 61 | 14.085 | 2064 | 2068 | 2070 | rBV3 | 917   | 1344  | 1.68%   | 0.225%  |
| 62 | 14.179 | 2082 | 2084 | 2086 | rBV  | 1243  | 1071  | 1.34%   | 0.179%  |
| 63 | 14.261 | 2094 | 2098 | 2099 | rVB2 | 896   | 1053  | 1.31%   | 0.176%  |
| 64 | 14.273 | 2099 | 2100 | 2102 | rBV2 | 2099  | 1425  | 1.78%   | 0.239%  |
| 65 | 14.367 | 2115 | 2116 | 2119 | rVB  | 1999  | 1399  | 1.74%   | 0.234%  |
| 66 | 14.408 | 2119 | 2123 | 2124 | rBV2 | 1367  | 1822  | 2.27%   | 0.305%  |
| 67 | 14.438 | 2126 | 2128 | 2131 | rVB2 | 1680  | 1690  | 2.11%   | 0.283%  |
| 68 | 14.461 | 2131 | 2132 | 2136 | rBV  | 1564  | 1789  | 2.23%   | 0.300%  |
| 69 | 14.502 | 2136 | 2139 | 2142 | rVV2 | 1220  | 1721  | 2.15%   | 0.288%  |
| 70 | 14.549 | 2145 | 2147 | 2149 | rVB  | 1507  | 1214  | 1.51%   | 0.203%  |
| 71 | 14.573 | 2149 | 2151 | 2152 | rBV2 | 1506  | 1141  | 1.42%   | 0.191%  |

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 Smoothing : ON  
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 Start Thrs: 0.2  
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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Title : SW846 8260

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 72  | 14.714 | 2171 | 2175 | 2177 | rBV3 | 1929 | 2519 | 3.14% | 0.422% |
| 73  | 14.743 | 2177 | 2180 | 2185 | rVV2 | 1378 | 1689 | 2.11% | 0.283% |
| 74  | 14.779 | 2185 | 2186 | 2188 | rBV2 | 1154 | 1054 | 1.31% | 0.177% |
| 75  | 14.843 | 2194 | 2197 | 2198 | rBV2 | 1402 | 1671 | 2.08% | 0.280% |
| 76  | 15.038 | 2228 | 2230 | 2232 | rBV2 | 1357 | 1278 | 1.59% | 0.214% |
| 77  | 15.155 | 2248 | 2250 | 2253 | rVB2 | 1450 | 1410 | 1.76% | 0.236% |
| 78  | 15.185 | 2253 | 2255 | 2257 | rBV2 | 1518 | 1140 | 1.42% | 0.191% |
| 79  | 15.326 | 2277 | 2279 | 2280 | rVB  | 2084 | 1133 | 1.41% | 0.190% |
| 80  | 15.338 | 2280 | 2281 | 2283 | rBV  | 1383 | 1242 | 1.55% | 0.208% |
| 81  | 15.526 | 2311 | 2313 | 2314 | rBV  | 2547 | 1661 | 2.07% | 0.278% |
| 82  | 15.567 | 2318 | 2320 | 2322 | rBV2 | 1660 | 1607 | 2.00% | 0.269% |
| 83  | 15.626 | 2328 | 2330 | 2332 | rBV2 | 2243 | 1926 | 2.40% | 0.323% |
| 84  | 15.673 | 2337 | 2338 | 2340 | rBV  | 1270 | 1179 | 1.47% | 0.197% |
| 85  | 15.696 | 2340 | 2342 | 2345 | rVB3 | 1352 | 1189 | 1.48% | 0.199% |
| 86  | 15.767 | 2352 | 2354 | 2355 | rVB  | 2071 | 1349 | 1.68% | 0.226% |
| 87  | 15.814 | 2358 | 2362 | 2365 | rVV2 | 2704 | 3899 | 4.86% | 0.653% |
| 88  | 15.849 | 2366 | 2368 | 2370 | rVB  | 2256 | 1450 | 1.81% | 0.243% |
| 89  | 15.932 | 2380 | 2382 | 2385 | rVB2 | 1780 | 1264 | 1.58% | 0.212% |
| 90  | 16.061 | 2402 | 2404 | 2406 | rVB3 | 1883 | 1269 | 1.58% | 0.213% |
| 91  | 16.096 | 2408 | 2410 | 2411 | rBV2 | 1873 | 1253 | 1.56% | 0.210% |
| 92  | 16.196 | 2425 | 2427 | 2430 | rVB2 | 1921 | 1860 | 2.32% | 0.312% |
| 93  | 16.220 | 2430 | 2431 | 2432 | rBV  | 2467 | 1217 | 1.52% | 0.204% |
| 94  | 16.267 | 2437 | 2439 | 2442 | rVV2 | 1901 | 1903 | 2.37% | 0.319% |
| 95  | 16.290 | 2442 | 2443 | 2445 | rVV2 | 2202 | 1449 | 1.81% | 0.243% |
| 96  | 16.337 | 2448 | 2451 | 2454 | rBV3 | 1570 | 2442 | 3.04% | 0.409% |
| 97  | 16.408 | 2460 | 2463 | 2465 | rBV3 | 2260 | 2748 | 3.43% | 0.460% |
| 98  | 16.455 | 2469 | 2471 | 2473 | rBV2 | 1478 | 1281 | 1.60% | 0.215% |
| 99  | 16.479 | 2473 | 2475 | 2478 | rVB4 | 1624 | 1389 | 1.73% | 0.233% |
| 100 | 16.643 | 2500 | 2503 | 2506 | rBV3 | 1655 | 2116 | 2.64% | 0.354% |

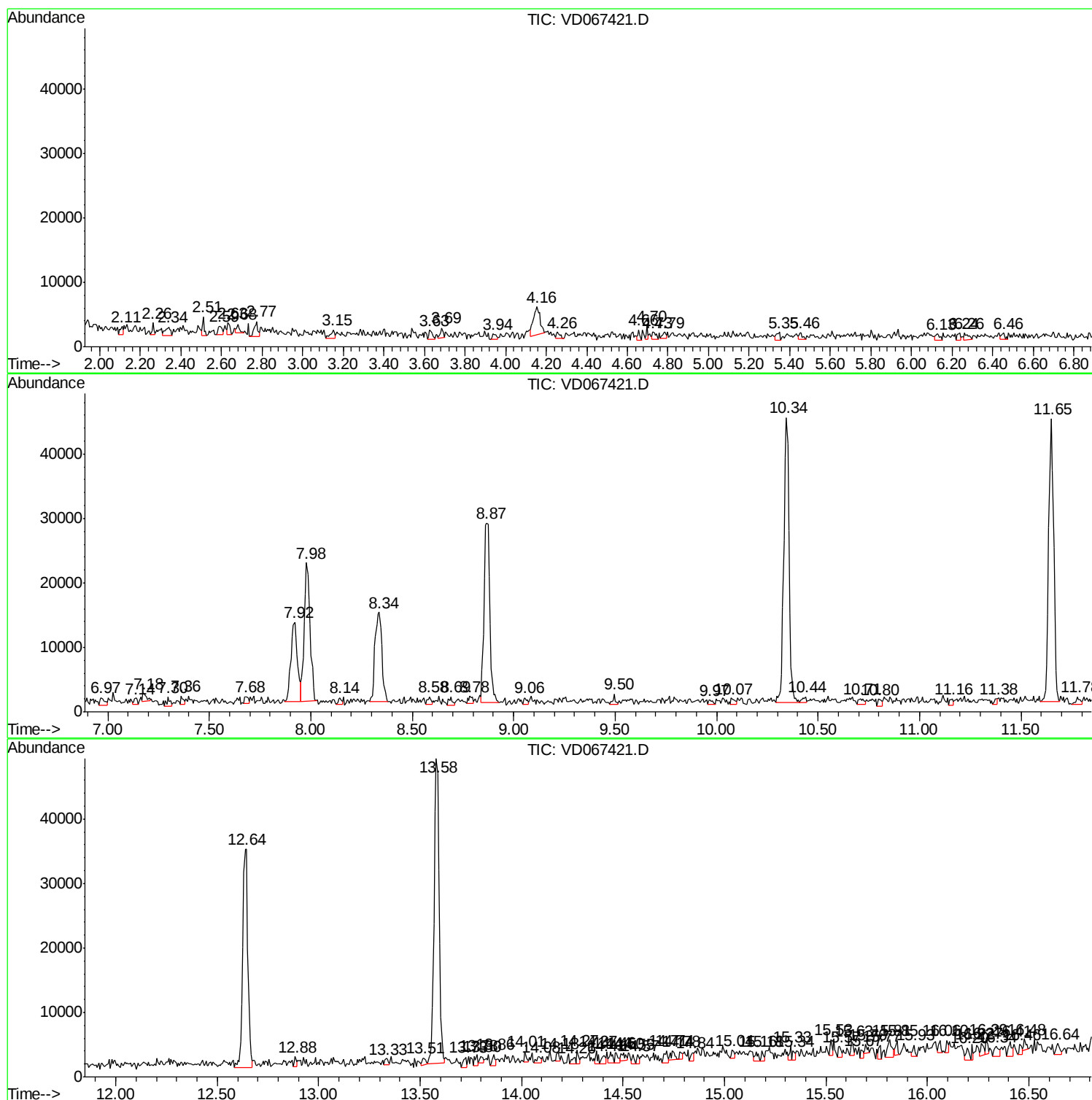
Sum of corrected areas: 597094

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_D\DATA\VD102720\  
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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        |