

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100323\  
 Data File : VW027203.D  
 Acq On : 03 Oct 2023 15:55  
 Operator : SY/MD  
 Sample : 04707-05  
 Misc : 6.12g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EY1A4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027203.D\data.ms

| 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         | 2.369       | 72            | 79          | 96           | rVB      | 216402         | 566774        | 15.09%          | 2.228%        |
| 2         | 2.893       | 158           | 165         | 186          | rVB      | 190215         | 513543        | 13.67%          | 2.018%        |
| 3         | 3.247       | 221           | 223         | 224          | rBV2     | 1042           | 840           | 0.02%           | 0.003%        |
| 4         | 3.545       | 271           | 272         | 275          | rBV3     | 879            | 751           | 0.02%           | 0.003%        |
| 5         | 3.582       | 275           | 278         | 280          | rBV3     | 1080           | 1525          | 0.04%           | 0.006%        |
| 6         | 3.637       | 286           | 287         | 291          | rVB3     | 978            | 869           | 0.02%           | 0.003%        |
| 7         | 3.673       | 291           | 293         | 295          | rBV3     | 751            | 803           | 0.02%           | 0.003%        |
| 8         | 3.734       | 301           | 303         | 306          | rVB2     | 780            | 790           | 0.02%           | 0.003%        |
| 9         | 3.765       | 306           | 308         | 313          | rBV3     | 1096           | 1310          | 0.03%           | 0.005%        |
| 10        | 4.021       | 339           | 350         | 378          | rBV      | 406567         | 1314493       | 35.00%          | 5.167%        |
| 11        | 4.344       | 401           | 403         | 405          | rVB3     | 862            | 744           | 0.02%           | 0.003%        |
| 12        | 4.374       | 405           | 408         | 409          | rBV2     | 916            | 768           | 0.02%           | 0.003%        |
| 13        | 4.423       | 413           | 416         | 418          | rVV3     | 1567           | 2231          | 0.06%           | 0.009%        |
| 14        | 4.448       | 418           | 420         | 423          | rVV4     | 1444           | 1650          | 0.04%           | 0.006%        |
| 15        | 4.496       | 427           | 428         | 431          | rVB2     | 897            | 714           | 0.02%           | 0.003%        |
| 16        | 4.917       | 482           | 497         | 516          | rBV2     | 120200         | 436767        | 11.63%          | 1.717%        |
| 17        | 5.441       | 582           | 583         | 588          | rVB3     | 1061           | 1231          | 0.03%           | 0.005%        |
| 18        | 5.582       | 602           | 606         | 611          | rBV3     | 632            | 1205          | 0.03%           | 0.005%        |
| 19        | 5.947       | 656           | 666         | 677          | rVV2     | 23112          | 72352         | 1.93%           | 0.284%        |
| 20        | 6.112       | 690           | 693         | 695          | rBV2     | 716            | 839           | 0.02%           | 0.003%        |
| 21        | 6.216       | 706           | 710         | 711          | rBV3     | 717            | 819           | 0.02%           | 0.003%        |
| 22        | 6.783       | 801           | 803         | 806          | rVB2     | 699            | 705           | 0.02%           | 0.003%        |
| 23        | 6.819       | 806           | 809         | 811          | rBV3     | 617            | 768           | 0.02%           | 0.003%        |
| 24        | 6.972       | 830           | 834         | 835          | rBV3     | 705            | 983           | 0.03%           | 0.004%        |
| 25        | 7.081       | 842           | 852         | 873          | rBV2     | 101191         | 334635        | 8.91%           | 1.315%        |
| 26        | 7.563       | 928           | 931         | 933          | rVV4     | 775            | 829           | 0.02%           | 0.003%        |
| 27        | 7.648       | 934           | 945         | 958          | rVV      | 658399         | 1595151       | 42.47%          | 6.270%        |
| 28        | 7.764       | 962           | 964         | 967          | rVV3     | 1095           | 1320          | 0.04%           | 0.005%        |
| 29        | 8.069       | 1008          | 1014        | 1019         | rBV3     | 2160           | 5719          | 0.15%           | 0.022%        |
| 30        | 8.276       | 1037          | 1048        | 1068         | rBV2     | 1275592        | 3755597       | 100.00%         | 14.761%       |
| 31        | 8.502       | 1083          | 1085        | 1090         | rVB5     | 904            | 1294          | 0.03%           | 0.005%        |
| 32        | 8.697       | 1116          | 1117        | 1124         | rVV4     | 1419           | 1199          | 0.03%           | 0.005%        |
| 33        | 8.843       | 1132          | 1141        | 1160         | rBV      | 991963         | 1910091       | 50.86%          | 7.507%        |
| 34        | 9.093       | 1173          | 1182        | 1194         | rVB4     | 23696          | 57549         | 1.53%           | 0.226%        |
| 35        | 9.276       | 1200          | 1212        | 1223         | rBV      | 848974         | 1726588       | 45.97%          | 6.786%        |
| 36        | 9.404       | 1231          | 1233        | 1235         | rVB3     | 1092           | 778           | 0.02%           | 0.003%        |

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 9.422  | 1235 | 1236 | 1239 | rBV3 | 768     | 739     | 0.02%  | 0.003%  |
| 38 | 9.495  | 1244 | 1248 | 1252 | rBV5 | 846     | 1971    | 0.05%  | 0.008%  |
| 39 | 9.672  | 1275 | 1277 | 1284 | rVB6 | 1796    | 2438    | 0.06%  | 0.010%  |
| 40 | 9.861  | 1306 | 1308 | 1311 | rVB4 | 1013    | 1097    | 0.03%  | 0.004%  |
| 41 | 10.038 | 1329 | 1337 | 1349 | rBV  | 432413  | 811326  | 21.60% | 3.189%  |
| 42 | 10.325 | 1375 | 1384 | 1393 | rBV  | 1724091 | 3088530 | 82.24% | 12.139% |
| 43 | 10.483 | 1409 | 1410 | 1412 | rBV2 | 1324    | 1192    | 0.03%  | 0.005%  |
| 44 | 10.507 | 1412 | 1414 | 1418 | rVV4 | 2064    | 2268    | 0.06%  | 0.009%  |
| 45 | 10.575 | 1418 | 1425 | 1440 | rVV  | 294193  | 513873  | 13.68% | 2.020%  |
| 46 | 10.703 | 1440 | 1446 | 1453 | rVB3 | 36634   | 65975   | 1.76%  | 0.259%  |
| 47 | 10.776 | 1456 | 1458 | 1460 | rBV3 | 1053    | 845     | 0.02%  | 0.003%  |
| 48 | 10.861 | 1465 | 1472 | 1477 | rBV2 | 123619  | 228239  | 6.08%  | 0.897%  |
| 49 | 10.922 | 1477 | 1482 | 1501 | rVB  | 446998  | 740321  | 19.71% | 2.910%  |
| 50 | 11.056 | 1502 | 1504 | 1505 | rBV2 | 1863    | 1495    | 0.04%  | 0.006%  |
| 51 | 11.440 | 1558 | 1567 | 1572 | rVB6 | 4620    | 9972    | 0.27%  | 0.039%  |
| 52 | 11.629 | 1589 | 1598 | 1609 | rBV  | 1332264 | 2201901 | 58.63% | 8.654%  |
| 53 | 11.830 | 1626 | 1631 | 1640 | rVB9 | 3373    | 9620    | 0.26%  | 0.038%  |
| 54 | 11.891 | 1640 | 1641 | 1644 | rBV2 | 921     | 832     | 0.02%  | 0.003%  |
| 55 | 12.105 | 1670 | 1676 | 1680 | rBV6 | 1644    | 3150    | 0.08%  | 0.012%  |
| 56 | 12.178 | 1681 | 1688 | 1695 | rVB8 | 2151    | 6717    | 0.18%  | 0.026%  |
| 57 | 12.257 | 1697 | 1701 | 1703 | rBV4 | 617     | 856     | 0.02%  | 0.003%  |
| 58 | 12.343 | 1713 | 1715 | 1717 | rVV2 | 1027    | 866     | 0.02%  | 0.003%  |
| 59 | 12.464 | 1729 | 1735 | 1742 | rVB7 | 4376    | 7254    | 0.19%  | 0.029%  |
| 60 | 12.599 | 1750 | 1757 | 1765 | rBV  | 59236   | 105503  | 2.81%  | 0.415%  |
| 61 | 12.690 | 1765 | 1772 | 1781 | rBV  | 635487  | 1051269 | 27.99% | 4.132%  |
| 62 | 12.757 | 1781 | 1783 | 1787 | rVB5 | 1067    | 1079    | 0.03%  | 0.004%  |
| 63 | 12.824 | 1790 | 1794 | 1798 | rBV3 | 691     | 1229    | 0.03%  | 0.005%  |
| 64 | 12.891 | 1798 | 1805 | 1807 | rBV5 | 1416    | 2769    | 0.07%  | 0.011%  |
| 65 | 12.934 | 1807 | 1812 | 1816 | rBV4 | 4070    | 6293    | 0.17%  | 0.025%  |
| 66 | 13.025 | 1823 | 1827 | 1831 | rVB6 | 2202    | 3682    | 0.10%  | 0.014%  |
| 67 | 13.129 | 1839 | 1844 | 1846 | rVB6 | 1281    | 1925    | 0.05%  | 0.008%  |
| 68 | 13.166 | 1846 | 1850 | 1852 | rBV3 | 1238    | 2124    | 0.06%  | 0.008%  |
| 69 | 13.190 | 1852 | 1854 | 1857 | rVB4 | 1104    | 1124    | 0.03%  | 0.004%  |
| 70 | 13.227 | 1857 | 1860 | 1861 | rBV2 | 848     | 988     | 0.03%  | 0.004%  |
| 71 | 13.251 | 1861 | 1864 | 1867 | rVB4 | 1314    | 1686    | 0.04%  | 0.007%  |
| 72 | 13.281 | 1867 | 1869 | 1874 | rVB5 | 1729    | 2964    | 0.08%  | 0.012%  |
| 73 | 13.403 | 1882 | 1889 | 1894 | rBV9 | 4055    | 7894    | 0.21%  | 0.031%  |
| 74 | 13.507 | 1900 | 1906 | 1907 | rBV6 | 2521    | 3731    | 0.10%  | 0.015%  |
| 75 | 13.556 | 1907 | 1914 | 1926 | rBV  | 1238724 | 1958215 | 52.14% | 7.697%  |
| 76 | 13.641 | 1926 | 1928 | 1937 | rVB6 | 6365    | 11104   | 0.30%  | 0.044%  |

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Integrator: RTE

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Min Area: 0 % of largest Peak

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Max Peaks: 100

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |         |         |        |        |
|-----|--------|------|------|------|-------|---------|---------|--------|--------|
| 77  | 13.757 | 1945 | 1947 | 1952 | rVB6  | 1867    | 1833    | 0.05%  | 0.007% |
| 78  | 13.848 | 1955 | 1962 | 1969 | rBV   | 1205975 | 1978777 | 52.69% | 7.777% |
| 79  | 14.013 | 1987 | 1989 | 1990 | rBV2  | 1832    | 1494    | 0.04%  | 0.006% |
| 80  | 14.062 | 1991 | 1997 | 2004 | rVV2  | 61704   | 101411  | 2.70%  | 0.399% |
| 81  | 14.324 | 2034 | 2040 | 2046 | rBV7  | 9050    | 17183   | 0.46%  | 0.068% |
| 82  | 14.452 | 2059 | 2061 | 2063 | rVV2  | 941     | 733     | 0.02%  | 0.003% |
| 83  | 14.519 | 2065 | 2072 | 2076 | rVB8  | 3222    | 8173    | 0.22%  | 0.032% |
| 84  | 14.617 | 2086 | 2088 | 2091 | rBV4  | 2630    | 2861    | 0.08%  | 0.011% |
| 85  | 14.714 | 2097 | 2104 | 2108 | rBV8  | 4105    | 8438    | 0.22%  | 0.033% |
| 86  | 14.781 | 2114 | 2115 | 2119 | rBV4  | 1540    | 2109    | 0.06%  | 0.008% |
| 87  | 15.123 | 2169 | 2171 | 2176 | rVB5  | 1968    | 3289    | 0.09%  | 0.013% |
| 88  | 15.226 | 2186 | 2188 | 2190 | rBV3  | 1153    | 1208    | 0.03%  | 0.005% |
| 89  | 15.360 | 2206 | 2210 | 2212 | rBV5  | 2705    | 3763    | 0.10%  | 0.015% |
| 90  | 15.427 | 2214 | 2221 | 2226 | rVV2  | 32177   | 59547   | 1.59%  | 0.234% |
| 91  | 15.482 | 2226 | 2230 | 2236 | rVB   | 18839   | 32051   | 0.85%  | 0.126% |
| 92  | 15.683 | 2260 | 2263 | 2265 | rBV4  | 1917    | 2050    | 0.05%  | 0.008% |
| 93  | 15.793 | 2273 | 2281 | 2285 | rBV5  | 10011   | 19321   | 0.51%  | 0.076% |
| 94  | 15.952 | 2302 | 2307 | 2314 | rVB10 | 5509    | 12406   | 0.33%  | 0.049% |
| 95  | 16.080 | 2326 | 2328 | 2330 | rBV3  | 1251    | 1229    | 0.03%  | 0.005% |
| 96  | 16.323 | 2366 | 2368 | 2371 | rVB3  | 1058    | 782     | 0.02%  | 0.003% |
| 97  | 16.372 | 2374 | 2376 | 2378 | rBV2  | 998     | 912     | 0.02%  | 0.004% |
| 98  | 16.470 | 2390 | 2392 | 2393 | rBV2  | 1260    | 909     | 0.02%  | 0.004% |
| 99  | 16.616 | 2414 | 2416 | 2420 | rBV3  | 1487    | 1636    | 0.04%  | 0.006% |
| 100 | 16.653 | 2420 | 2422 | 2423 | rBV2  | 1076    | 1066    | 0.03%  | 0.004% |

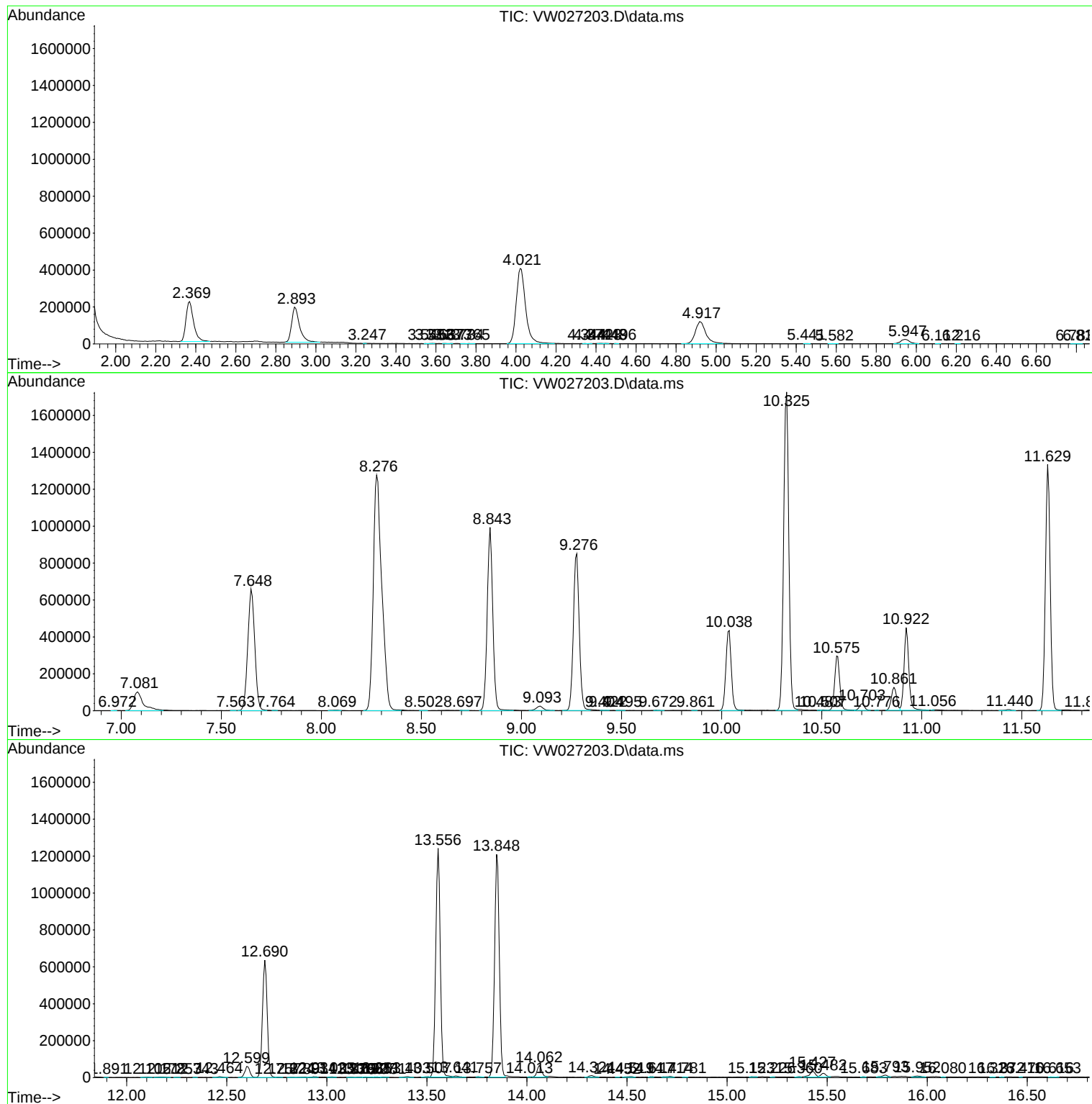
Sum of corrected areas: 25442461

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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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 |

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