

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023925.D  
 Acq On : 20 Jul 2022 10:09  
 Operator : SY/VA  
 Sample : N3744-02  
 Misc : 6.34g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C77

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

Signal : TIC: VW023925.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         | 2.343       | 67            | 72          | 80           | rVB      | 149139         | 241064        | 16.21%          | 2.096%        |
| 2         | 2.873       | 154           | 159         | 168          | rVB      | 82704          | 178481        | 12.00%          | 1.552%        |
| 3         | 3.654       | 285           | 287         | 291          | rVB4     | 1349           | 1548          | 0.10%           | 0.013%        |
| 4         | 3.696       | 291           | 294         | 295          | rBV3     | 1022           | 1067          | 0.07%           | 0.009%        |
| 5         | 3.910       | 327           | 329         | 331          | rBV3     | 892            | 717           | 0.05%           | 0.006%        |
| 6         | 4.013       | 334           | 346         | 358          | rBV      | 122167         | 390228        | 26.24%          | 3.393%        |
| 7         | 4.342       | 398           | 400         | 405          | rBV5     | 746            | 1191          | 0.08%           | 0.010%        |
| 8         | 4.385       | 405           | 407         | 409          | rBV3     | 1391           | 811           | 0.05%           | 0.007%        |
| 9         | 4.568       | 435           | 437         | 438          | rVV2     | 1135           | 689           | 0.05%           | 0.006%        |
| 10        | 4.586       | 438           | 440         | 443          | rVB4     | 767            | 963           | 0.06%           | 0.008%        |
| 11        | 4.812       | 476           | 477         | 480          | rBV3     | 744            | 870           | 0.06%           | 0.008%        |
| 12        | 4.922       | 484           | 495         | 500          | rBV3     | 10211          | 33124         | 2.23%           | 0.288%        |
| 13        | 5.361       | 562           | 567         | 570          | rBV6     | 1529           | 3078          | 0.21%           | 0.027%        |
| 14        | 5.403       | 570           | 574         | 576          | rBV5     | 1230           | 1692          | 0.11%           | 0.015%        |
| 15        | 5.525       | 588           | 594         | 597          | rBV6     | 1039           | 1665          | 0.11%           | 0.014%        |
| 16        | 5.562       | 597           | 600         | 603          | rVB2     | 606            | 668           | 0.04%           | 0.006%        |
| 17        | 5.653       | 612           | 615         | 616          | rBV3     | 743            | 809           | 0.05%           | 0.007%        |
| 18        | 5.678       | 618           | 619         | 621          | rBV3     | 645            | 602           | 0.04%           | 0.005%        |
| 19        | 5.739       | 625           | 629         | 631          | rBV5     | 1730           | 2849          | 0.19%           | 0.025%        |
| 20        | 5.897       | 651           | 655         | 656          | rBV4     | 1192           | 1388          | 0.09%           | 0.012%        |
| 21        | 6.043       | 674           | 679         | 682          | rBV5     | 977            | 1943          | 0.13%           | 0.017%        |
| 22        | 6.257       | 712           | 714         | 718          | rVB4     | 1057           | 792           | 0.05%           | 0.007%        |
| 23        | 6.306       | 720           | 722         | 724          | rBV2     | 836            | 800           | 0.05%           | 0.007%        |
| 24        | 6.421       | 738           | 741         | 742          | rBV2     | 685            | 657           | 0.04%           | 0.006%        |
| 25        | 6.458       | 745           | 747         | 751          | rVV3     | 816            | 1189          | 0.08%           | 0.010%        |
| 26        | 6.513       | 754           | 756         | 758          | rBV3     | 860            | 752           | 0.05%           | 0.007%        |
| 27        | 6.580       | 763           | 767         | 769          | rVV4     | 950            | 1008          | 0.07%           | 0.009%        |
| 28        | 6.623       | 772           | 774         | 777          | rBV4     | 554            | 675           | 0.05%           | 0.006%        |
| 29        | 6.787       | 800           | 801         | 803          | rBV2     | 1075           | 638           | 0.04%           | 0.006%        |
| 30        | 6.842       | 808           | 810         | 811          | rBV      | 1222           | 716           | 0.05%           | 0.006%        |
| 31        | 6.988       | 832           | 834         | 835          | rBV      | 822            | 623           | 0.04%           | 0.005%        |
| 32        | 7.080       | 839           | 849         | 855          | rBV      | 49763          | 139841        | 9.40%           | 1.216%        |
| 33        | 7.476       | 912           | 914         | 915          | rVB      | 1444           | 1011          | 0.07%           | 0.009%        |
| 34        | 7.494       | 915           | 917         | 918          | rBV2     | 1081           | 1001          | 0.07%           | 0.009%        |
| 35        | 7.647       | 931           | 942         | 953          | rBV      | 245721         | 612447        | 41.18%          | 5.325%        |
| 36        | 7.756       | 958           | 960         | 962          | rBV3     | 943            | 816           | 0.05%           | 0.007%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 8.122  | 1016 | 1020 | 1022 | rBV4 | 769    | 964     | 0.06%   | 0.008%  |
| 38 | 8.165  | 1026 | 1027 | 1032 | rVB4 | 1000   | 1068    | 0.07%   | 0.009%  |
| 39 | 8.275  | 1032 | 1045 | 1060 | rBV2 | 478409 | 1487386 | 100.00% | 12.932% |
| 40 | 8.683  | 1110 | 1112 | 1117 | rVB3 | 1649   | 2049    | 0.14%   | 0.018%  |
| 41 | 8.842  | 1129 | 1138 | 1149 | rBV  | 418965 | 809441  | 54.42%  | 7.038%  |
| 42 | 9.092  | 1171 | 1179 | 1189 | rVB  | 218900 | 441674  | 29.69%  | 3.840%  |
| 43 | 9.274  | 1200 | 1209 | 1221 | rBV  | 323881 | 650470  | 43.73%  | 5.656%  |
| 44 | 9.506  | 1245 | 1247 | 1249 | rBV3 | 1136   | 1309    | 0.09%   | 0.011%  |
| 45 | 9.531  | 1249 | 1251 | 1253 | rVV2 | 646    | 625     | 0.04%   | 0.005%  |
| 46 | 9.665  | 1267 | 1273 | 1278 | rBV6 | 3420   | 5637    | 0.38%   | 0.049%  |
| 47 | 9.756  | 1285 | 1288 | 1289 | rBV3 | 1608   | 1580    | 0.11%   | 0.014%  |
| 48 | 9.823  | 1297 | 1299 | 1301 | rBV3 | 735    | 836     | 0.06%   | 0.007%  |
| 49 | 9.896  | 1306 | 1311 | 1315 | rVB4 | 5547   | 9324    | 0.63%   | 0.081%  |
| 50 | 10.030 | 1319 | 1333 | 1341 | rBV  | 150632 | 289603  | 19.47%  | 2.518%  |
| 51 | 10.195 | 1358 | 1360 | 1363 | rBV3 | 1530   | 2134    | 0.14%   | 0.019%  |
| 52 | 10.323 | 1373 | 1381 | 1388 | rBV  | 675538 | 1139546 | 76.61%  | 9.908%  |
| 53 | 10.579 | 1416 | 1423 | 1430 | rBV  | 106369 | 182556  | 12.27%  | 1.587%  |
| 54 | 10.701 | 1439 | 1443 | 1449 | rVB3 | 6824   | 11634   | 0.78%   | 0.101%  |
| 55 | 10.756 | 1449 | 1452 | 1453 | rBV3 | 1047   | 1140    | 0.08%   | 0.010%  |
| 56 | 10.860 | 1462 | 1469 | 1475 | rBV  | 639067 | 1083869 | 72.87%  | 9.424%  |
| 57 | 10.921 | 1475 | 1479 | 1491 | rVB  | 214130 | 364232  | 24.49%  | 3.167%  |
| 58 | 11.061 | 1498 | 1502 | 1512 | rVB2 | 17956  | 31175   | 2.10%   | 0.271%  |
| 59 | 11.177 | 1516 | 1521 | 1526 | rVB7 | 2706   | 5040    | 0.34%   | 0.044%  |
| 60 | 11.396 | 1554 | 1557 | 1559 | rBV4 | 1757   | 1751    | 0.12%   | 0.015%  |
| 61 | 11.433 | 1559 | 1563 | 1568 | rVV2 | 5518   | 9601    | 0.65%   | 0.083%  |
| 62 | 11.628 | 1585 | 1595 | 1604 | rBV  | 577616 | 973343  | 65.44%  | 8.463%  |
| 63 | 11.811 | 1623 | 1625 | 1626 | rBV2 | 809    | 803     | 0.05%   | 0.007%  |
| 64 | 11.829 | 1626 | 1628 | 1632 | rVV4 | 2162   | 3648    | 0.25%   | 0.032%  |
| 65 | 11.945 | 1646 | 1647 | 1649 | rBV2 | 760    | 656     | 0.04%   | 0.006%  |
| 66 | 11.963 | 1649 | 1650 | 1653 | rVB2 | 1268   | 850     | 0.06%   | 0.007%  |
| 67 | 11.987 | 1653 | 1654 | 1656 | rBV2 | 1112   | 1008    | 0.07%   | 0.009%  |
| 68 | 12.061 | 1664 | 1666 | 1668 | rBV2 | 933    | 717     | 0.05%   | 0.006%  |
| 69 | 12.213 | 1689 | 1691 | 1693 | rBV3 | 1060   | 1035    | 0.07%   | 0.009%  |
| 70 | 12.237 | 1693 | 1695 | 1696 | rVB2 | 1078   | 829     | 0.06%   | 0.007%  |
| 71 | 12.432 | 1725 | 1727 | 1728 | rBV2 | 732    | 628     | 0.04%   | 0.005%  |
| 72 | 12.463 | 1728 | 1732 | 1740 | rVB8 | 2541   | 5758    | 0.39%   | 0.050%  |
| 73 | 12.524 | 1740 | 1742 | 1746 | rBV5 | 1213   | 1522    | 0.10%   | 0.013%  |
| 74 | 12.560 | 1746 | 1748 | 1749 | rBV2 | 1065   | 735     | 0.05%   | 0.006%  |
| 75 | 12.597 | 1749 | 1754 | 1761 | rVB6 | 8872   | 19178   | 1.29%   | 0.167%  |
| 76 | 12.689 | 1762 | 1769 | 1777 | rBV  | 320461 | 521687  | 35.07%  | 4.536%  |

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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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.749 | 1777 | 1779 | 1782 | rBV4 | 1325   | 1759   | 0.12%  | 0.015% |
| 78  | 12.847 | 1793 | 1795 | 1798 | rBV4 | 1114   | 1271   | 0.09%  | 0.011% |
| 79  | 12.932 | 1805 | 1809 | 1818 | rVB9 | 5128   | 11397  | 0.77%  | 0.099% |
| 80  | 13.347 | 1876 | 1877 | 1879 | rBV2 | 793    | 620    | 0.04%  | 0.005% |
| 81  | 13.402 | 1883 | 1886 | 1891 | rVB5 | 4539   | 7339   | 0.49%  | 0.064% |
| 82  | 13.554 | 1904 | 1911 | 1932 | rVB  | 522623 | 859931 | 57.81% | 7.477% |
| 83  | 13.847 | 1953 | 1959 | 1970 | rBV  | 542768 | 902409 | 60.67% | 7.846% |
| 84  | 14.255 | 2023 | 2026 | 2027 | rBV2 | 1320   | 1059   | 0.07%  | 0.009% |
| 85  | 14.493 | 2061 | 2065 | 2066 | rBV4 | 1749   | 2314   | 0.16%  | 0.020% |
| 86  | 14.615 | 2083 | 2085 | 2086 | rBV2 | 1621   | 1255   | 0.08%  | 0.011% |
| 87  | 14.688 | 2094 | 2097 | 2098 | rBV3 | 1043   | 1234   | 0.08%  | 0.011% |
| 88  | 14.847 | 2122 | 2123 | 2125 | rBV2 | 715    | 602    | 0.04%  | 0.005% |
| 89  | 14.932 | 2134 | 2137 | 2138 | rBV3 | 1090   | 1337   | 0.09%  | 0.012% |
| 90  | 15.127 | 2166 | 2169 | 2170 | rBV3 | 1251   | 1097   | 0.07%  | 0.010% |
| 91  | 15.164 | 2173 | 2175 | 2179 | rVB4 | 1554   | 1856   | 0.12%  | 0.016% |
| 92  | 15.200 | 2179 | 2181 | 2182 | rBV2 | 931    | 873    | 0.06%  | 0.008% |
| 93  | 15.334 | 2199 | 2203 | 2204 | rBV3 | 1369   | 1612   | 0.11%  | 0.014% |
| 94  | 15.621 | 2247 | 2250 | 2251 | rBV3 | 1037   | 989    | 0.07%  | 0.009% |
| 95  | 15.749 | 2269 | 2271 | 2274 | rBV3 | 1225   | 1725   | 0.12%  | 0.015% |
| 96  | 15.853 | 2286 | 2288 | 2290 | rBV3 | 1154   | 614    | 0.04%  | 0.005% |
| 97  | 16.279 | 2356 | 2358 | 2361 | rVB3 | 1140   | 947    | 0.06%  | 0.008% |
| 98  | 16.657 | 2416 | 2420 | 2421 | rBV3 | 919    | 1083   | 0.07%  | 0.009% |
| 99  | 16.669 | 2421 | 2422 | 2426 | rVV4 | 1281   | 1768   | 0.12%  | 0.015% |
| 100 | 16.730 | 2430 | 2432 | 2434 | rBV3 | 771    | 717    | 0.05%  | 0.006% |

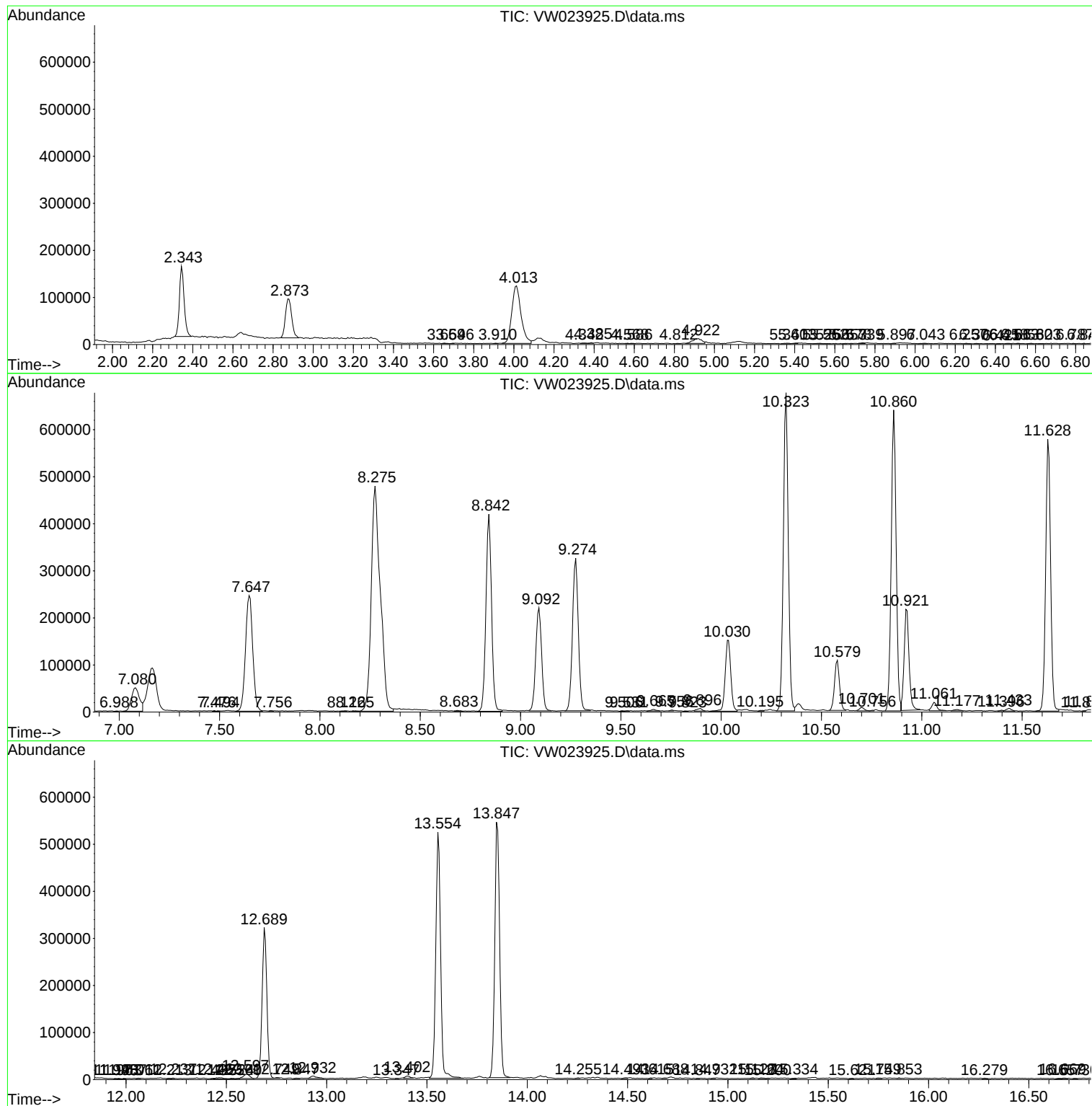
Sum of corrected areas: 11501262

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

No Library Search Compounds Detected

\*\*\*\*\*

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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|