

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020322\  
 Data File : VW022067.D  
 Acq On : 03 Feb 2022 11:14  
 Operator : SY/VA  
 Sample : N1364-06  
 Misc : 6.33g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGM11

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\SFAMWLM020122SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022067.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         | 2.349       | 67            | 73          | 81           | rVB      | 54228          | 90813         | 18.81%          | 2.331%        |
| 2         | 2.879       | 154           | 160         | 172          | rVB      | 38609          | 75723         | 15.68%          | 1.944%        |
| 3         | 3.251       | 220           | 221         | 225          | rBV      | 462            | 350           | 0.07%           | 0.009%        |
| 4         | 3.391       | 240           | 244         | 246          | rBV      | 343            | 360           | 0.07%           | 0.009%        |
| 5         | 3.867       | 319           | 322         | 323          | rBV      | 288            | 250           | 0.05%           | 0.006%        |
| 6         | 4.013       | 335           | 346         | 362          | rBV      | 65605          | 183124        | 37.93%          | 4.700%        |
| 7         | 4.251       | 379           | 385         | 388          | rBV4     | 872            | 2125          | 0.44%           | 0.055%        |
| 8         | 4.544       | 429           | 433         | 435          | rVB2     | 242            | 262           | 0.05%           | 0.007%        |
| 9         | 4.574       | 437           | 438         | 442          | rVB      | 241            | 303           | 0.06%           | 0.008%        |
| 10        | 4.885       | 485           | 489         | 490          | rVV3     | 360            | 463           | 0.10%           | 0.012%        |
| 11        | 4.915       | 490           | 494         | 499          | rVV4     | 595            | 1342          | 0.28%           | 0.034%        |
| 12        | 5.190       | 536           | 539         | 540          | rBV4     | 214            | 245           | 0.05%           | 0.006%        |
| 13        | 5.373       | 566           | 569         | 572          | rBV4     | 264            | 373           | 0.08%           | 0.010%        |
| 14        | 5.421       | 574           | 577         | 580          | rVB      | 334            | 450           | 0.09%           | 0.012%        |
| 15        | 5.458       | 580           | 583         | 586          | rBV2     | 331            | 486           | 0.10%           | 0.012%        |
| 16        | 5.836       | 642           | 645         | 647          | rBV      | 230            | 299           | 0.06%           | 0.008%        |
| 17        | 6.074       | 681           | 684         | 685          | rBV2     | 290            | 278           | 0.06%           | 0.007%        |
| 18        | 6.092       | 685           | 687         | 690          | rVV2     | 336            | 316           | 0.07%           | 0.008%        |
| 19        | 6.385       | 734           | 735         | 738          | rBV2     | 223            | 245           | 0.05%           | 0.006%        |
| 20        | 6.561       | 762           | 764         | 768          | rBV2     | 251            | 264           | 0.05%           | 0.007%        |
| 21        | 6.769       | 796           | 798         | 801          | rVB2     | 346            | 291           | 0.06%           | 0.007%        |
| 22        | 7.080       | 841           | 849         | 863          | rBV2     | 7796           | 24722         | 5.12%           | 0.635%        |
| 23        | 7.305       | 885           | 886         | 890          | rVB2     | 322            | 318           | 0.07%           | 0.008%        |
| 24        | 7.391       | 899           | 900         | 903          | rVB      | 304            | 250           | 0.05%           | 0.006%        |
| 25        | 7.427       | 903           | 906         | 908          | rBV2     | 240            | 251           | 0.05%           | 0.006%        |
| 26        | 7.482       | 914           | 915         | 917          | rBV      | 243            | 259           | 0.05%           | 0.007%        |
| 27        | 7.647       | 931           | 942         | 954          | rBV      | 85000          | 209263        | 43.34%          | 5.371%        |
| 28        | 7.756       | 959           | 960         | 963          | rBV2     | 393            | 459           | 0.10%           | 0.012%        |
| 29        | 7.878       | 978           | 980         | 985          | rVB3     | 373            | 566           | 0.12%           | 0.015%        |
| 30        | 7.958       | 985           | 993         | 998          | rBB5     | 1062           | 2315          | 0.48%           | 0.059%        |
| 31        | 8.275       | 1034          | 1045        | 1058         | rBV2     | 168159         | 482819        | 100.00%         | 12.393%       |
| 32        | 8.616       | 1099          | 1101        | 1105         | rVB2     | 560            | 590           | 0.12%           | 0.015%        |
| 33        | 8.677       | 1109          | 1111        | 1119         | rVB4     | 324            | 470           | 0.10%           | 0.012%        |
| 34        | 8.842       | 1129          | 1138        | 1149         | rBV      | 197598         | 390494        | 80.88%          | 10.023%       |
| 35        | 8.994       | 1160          | 1163        | 1166         | rBV      | 237            | 262           | 0.05%           | 0.007%        |
| 36        | 9.085       | 1172          | 1178        | 1183         | rVB6     | 791            | 1618          | 0.34%           | 0.042%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMWLM020122SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.274  | 1201 | 1209 | 1224 | rVB  | 105192 | 217129 | 44.97% | 5.573%  |
| 38 | 9.476  | 1241 | 1242 | 1247 | rVB2 | 484    | 428    | 0.09%  | 0.011%  |
| 39 | 9.665  | 1267 | 1273 | 1278 | rVB5 | 399    | 875    | 0.18%  | 0.022%  |
| 40 | 9.750  | 1284 | 1287 | 1292 | rVB4 | 533    | 763    | 0.16%  | 0.020%  |
| 41 | 9.835  | 1296 | 1301 | 1303 | rBV2 | 320    | 407    | 0.08%  | 0.010%  |
| 42 | 9.890  | 1303 | 1310 | 1315 | rVB5 | 1029   | 2432   | 0.50%  | 0.062%  |
| 43 | 9.933  | 1315 | 1317 | 1321 | rBV2 | 225    | 295    | 0.06%  | 0.008%  |
| 44 | 10.036 | 1325 | 1334 | 1341 | rBV  | 53699  | 99793  | 20.67% | 2.561%  |
| 45 | 10.244 | 1362 | 1368 | 1372 | rVB2 | 507    | 1001   | 0.21%  | 0.026%  |
| 46 | 10.323 | 1372 | 1381 | 1388 | rBV  | 253047 | 455926 | 94.43% | 11.703% |
| 47 | 10.506 | 1408 | 1411 | 1413 | rBV2 | 847    | 806    | 0.17%  | 0.021%  |
| 48 | 10.573 | 1416 | 1422 | 1429 | rBV  | 34086  | 59537  | 12.33% | 1.528%  |
| 49 | 10.701 | 1437 | 1443 | 1448 | rBV3 | 1388   | 2320   | 0.48%  | 0.060%  |
| 50 | 10.859 | 1465 | 1469 | 1473 | rVB2 | 1161   | 1668   | 0.35%  | 0.043%  |
| 51 | 10.920 | 1473 | 1479 | 1487 | rBV  | 34896  | 59687  | 12.36% | 1.532%  |
| 52 | 11.042 | 1496 | 1499 | 1500 | rBV2 | 264    | 274    | 0.06%  | 0.007%  |
| 53 | 11.195 | 1522 | 1524 | 1527 | rBV2 | 243    | 247    | 0.05%  | 0.006%  |
| 54 | 11.365 | 1548 | 1552 | 1555 | rBV2 | 191    | 344    | 0.07%  | 0.009%  |
| 55 | 11.628 | 1587 | 1595 | 1606 | rBV  | 270947 | 464131 | 96.13% | 11.913% |
| 56 | 11.725 | 1608 | 1611 | 1616 | rVB3 | 1502   | 2145   | 0.44%  | 0.055%  |
| 57 | 11.841 | 1623 | 1630 | 1636 | rVB3 | 2569   | 5211   | 1.08%  | 0.134%  |
| 58 | 11.914 | 1641 | 1642 | 1645 | rVB3 | 341    | 268    | 0.06%  | 0.007%  |
| 59 | 12.048 | 1661 | 1664 | 1667 | rBV2 | 305    | 411    | 0.09%  | 0.011%  |
| 60 | 12.085 | 1667 | 1670 | 1673 | rBV2 | 359    | 521    | 0.11%  | 0.013%  |
| 61 | 12.170 | 1678 | 1684 | 1690 | rVB5 | 1223   | 3045   | 0.63%  | 0.078%  |
| 62 | 12.237 | 1690 | 1695 | 1698 | rBV3 | 449    | 535    | 0.11%  | 0.014%  |
| 63 | 12.463 | 1728 | 1732 | 1735 | rVB4 | 1158   | 1673   | 0.35%  | 0.043%  |
| 64 | 12.493 | 1735 | 1737 | 1740 | rVB2 | 346    | 316    | 0.07%  | 0.008%  |
| 65 | 12.603 | 1748 | 1755 | 1762 | rBV6 | 4823   | 11821  | 2.45%  | 0.303%  |
| 66 | 12.688 | 1762 | 1769 | 1776 | rBV  | 75390  | 123427 | 25.56% | 3.168%  |
| 67 | 12.749 | 1776 | 1779 | 1784 | rVB5 | 1049   | 1591   | 0.33%  | 0.041%  |
| 68 | 12.798 | 1784 | 1787 | 1794 | rVB3 | 1494   | 2341   | 0.48%  | 0.060%  |
| 69 | 12.883 | 1794 | 1801 | 1802 | rBV5 | 809    | 1468   | 0.30%  | 0.038%  |
| 70 | 13.091 | 1832 | 1835 | 1836 | rBV  | 542    | 447    | 0.09%  | 0.011%  |
| 71 | 13.188 | 1847 | 1851 | 1856 | rVB5 | 2943   | 4878   | 1.01%  | 0.125%  |
| 72 | 13.243 | 1857 | 1860 | 1866 | rVB3 | 1764   | 2244   | 0.46%  | 0.058%  |
| 73 | 13.292 | 1866 | 1868 | 1873 | rVB4 | 1130   | 1428   | 0.30%  | 0.037%  |
| 74 | 13.402 | 1878 | 1886 | 1891 | rBV5 | 2833   | 7192   | 1.49%  | 0.185%  |
| 75 | 13.499 | 1896 | 1902 | 1904 | rBV4 | 2899   | 4625   | 0.96%  | 0.119%  |
| 76 | 13.554 | 1904 | 1911 | 1918 | rBV  | 293344 | 469160 | 97.17% | 12.042% |

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Integration Parameters: LSCINT.P

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Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

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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\SFAMWLM020122SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.761 | 1940 | 1945 | 1950 | rBV5 | 1611   | 3259   | 0.67%  | 0.084% |
| 78  | 13.847 | 1951 | 1959 | 1967 | rBV  | 219806 | 375652 | 77.80% | 9.642% |
| 79  | 14.066 | 1990 | 1995 | 2001 | rBV2 | 7293   | 10973  | 2.27%  | 0.282% |
| 80  | 14.322 | 2032 | 2037 | 2044 | rVB4 | 1275   | 2351   | 0.49%  | 0.060% |
|     |        |      |      |      |      |        |        |        |        |
| 81  | 14.426 | 2051 | 2054 | 2056 | rVB4 | 266    | 276    | 0.06%  | 0.007% |
| 82  | 14.627 | 2083 | 2087 | 2092 | rBV4 | 1034   | 1623   | 0.34%  | 0.042% |
| 83  | 14.712 | 2098 | 2101 | 2103 | rVB  | 398    | 431    | 0.09%  | 0.011% |
| 84  | 14.737 | 2103 | 2105 | 2109 | rBV3 | 313    | 479    | 0.10%  | 0.012% |
| 85  | 14.786 | 2109 | 2113 | 2119 | rVV3 | 649    | 1238   | 0.26%  | 0.032% |
|     |        |      |      |      |      |        |        |        |        |
| 86  | 14.938 | 2136 | 2138 | 2143 | rVB2 | 280    | 349    | 0.07%  | 0.009% |
| 87  | 14.987 | 2143 | 2146 | 2148 | rBV2 | 312    | 371    | 0.08%  | 0.010% |
| 88  | 15.054 | 2150 | 2157 | 2159 | rBV2 | 330    | 643    | 0.13%  | 0.017% |
| 89  | 15.133 | 2165 | 2170 | 2175 | rVB4 | 1487   | 2468   | 0.51%  | 0.063% |
| 90  | 15.231 | 2182 | 2186 | 2190 | rBV4 | 1405   | 1920   | 0.40%  | 0.049% |
|     |        |      |      |      |      |        |        |        |        |
| 91  | 15.346 | 2202 | 2205 | 2206 | rBV  | 655    | 618    | 0.13%  | 0.016% |
| 92  | 15.481 | 2223 | 2227 | 2234 | rVB  | 1330   | 2398   | 0.50%  | 0.062% |
| 93  | 15.548 | 2234 | 2238 | 2244 | rBV4 | 1130   | 2070   | 0.43%  | 0.053% |
| 94  | 15.773 | 2272 | 2275 | 2277 | rBV2 | 346    | 500    | 0.10%  | 0.013% |
| 95  | 15.792 | 2277 | 2278 | 2281 | rVB2 | 447    | 294    | 0.06%  | 0.008% |
|     |        |      |      |      |      |        |        |        |        |
| 96  | 15.834 | 2281 | 2285 | 2286 | rBV  | 306    | 370    | 0.08%  | 0.009% |
| 97  | 15.883 | 2291 | 2293 | 2295 | rBV  | 306    | 311    | 0.06%  | 0.008% |
| 98  | 15.950 | 2298 | 2304 | 2307 | rBV2 | 451    | 746    | 0.15%  | 0.019% |
| 99  | 16.048 | 2318 | 2320 | 2323 | rBV2 | 286    | 471    | 0.10%  | 0.012% |
| 100 | 16.237 | 2349 | 2351 | 2354 | rBV3 | 250    | 294    | 0.06%  | 0.008% |

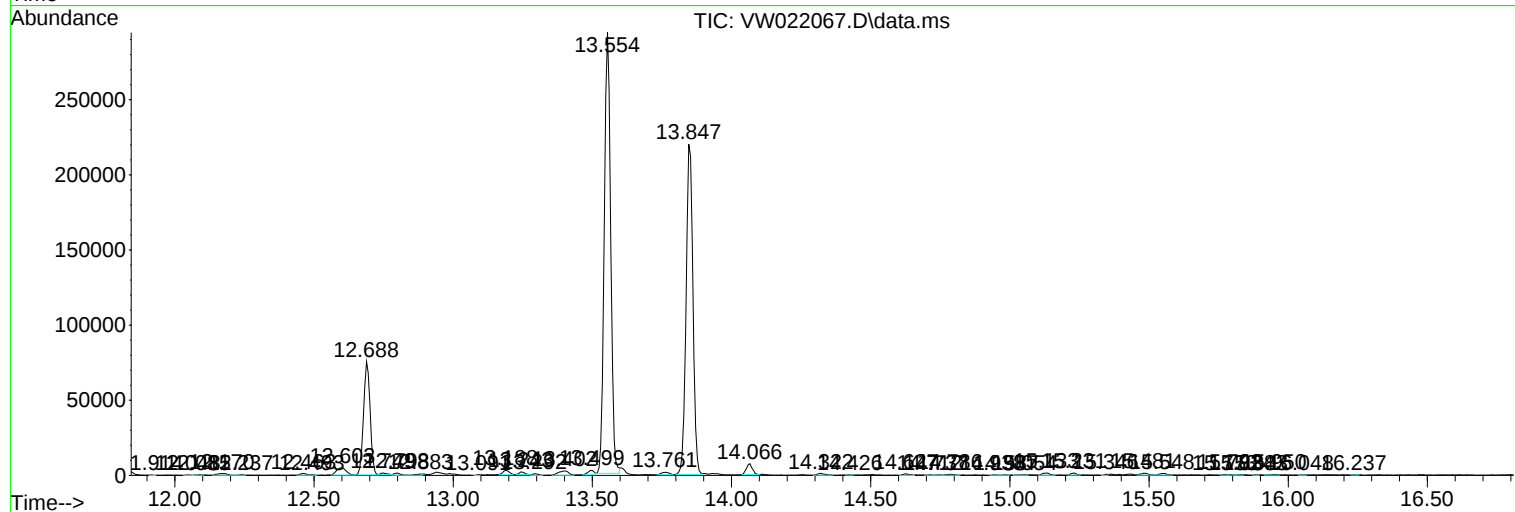
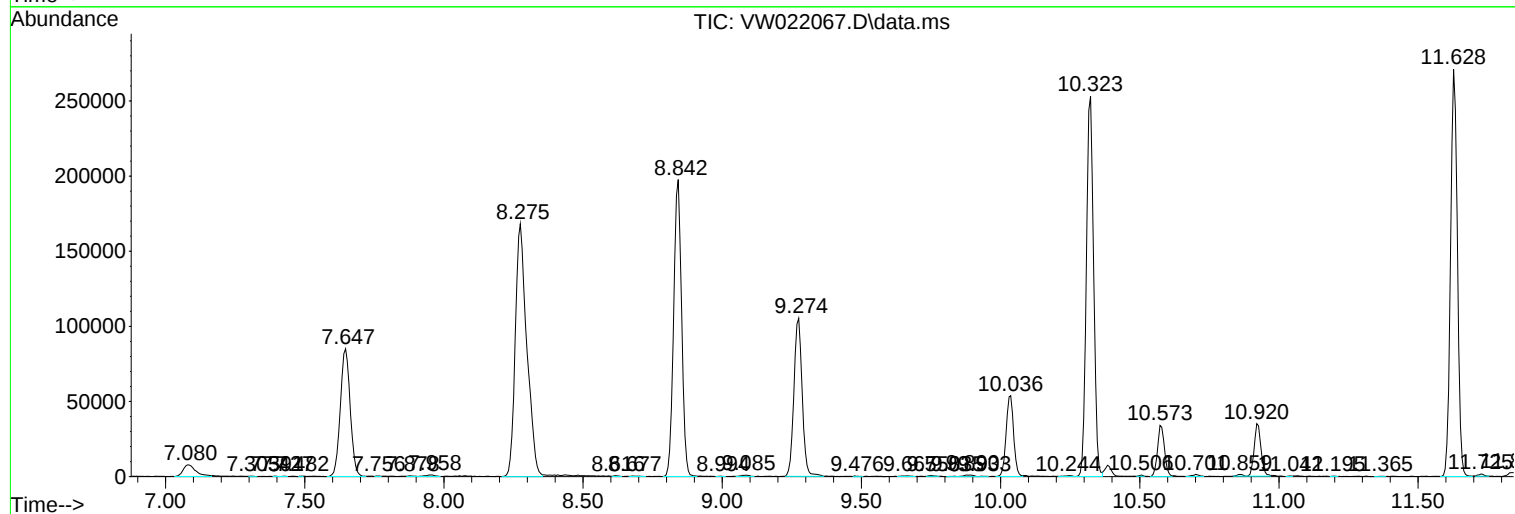
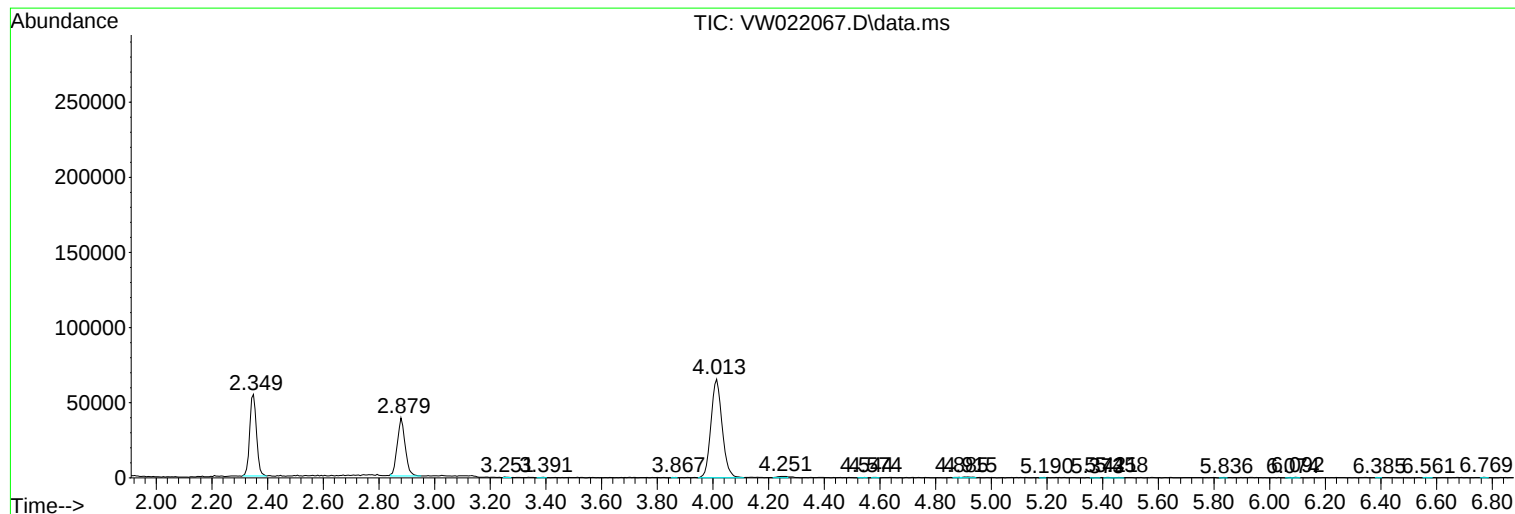
Sum of corrected areas: 3895933

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020122SMA.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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|