

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121521\  
 Data File : VW021401.D  
 Acq On : 15 Dec 2021 19:54  
 Operator : SY/VA  
 Sample : M5101-06  
 Misc : 5.72g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGL27

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\SFAMWLM120921SMA.M  
 Title : SFAM01.0

Signal : TIC: VW021401.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       | 68            | 73          | 80           | rVB      | 35355          | 56614         | 14.90%          | 1.932%        |
| 2         | 3.440       | 249           | 252         | 254          | rBV      | 125            | 144           | 0.04%           | 0.005%        |
| 3         | 3.678       | 290           | 291         | 293          | rBV      | 85             | 85            | 0.02%           | 0.003%        |
| 4         | 3.733       | 297           | 300         | 303          | rBV      | 79             | 139           | 0.04%           | 0.005%        |
| 5         | 3.836       | 315           | 317         | 319          | rBV      | 87             | 102           | 0.03%           | 0.003%        |
| 6         | 4.013       | 336           | 346         | 361          | rBV      | 40285          | 115714        | 30.45%          | 3.949%        |
| 7         | 4.129       | 361           | 365         | 367          | rVB      | 154            | 226           | 0.06%           | 0.008%        |
| 8         | 4.153       | 368           | 369         | 372          | rBB      | 143            | 109           | 0.03%           | 0.004%        |
| 9         | 4.379       | 404           | 406         | 408          | rBV      | 119            | 135           | 0.04%           | 0.005%        |
| 10        | 4.513       | 425           | 428         | 430          | rBB      | 75             | 95            | 0.03%           | 0.003%        |
| 11        | 4.537       | 430           | 432         | 434          | rBB      | 69             | 73            | 0.02%           | 0.002%        |
| 12        | 4.909       | 484           | 493         | 504          | rBB2     | 2868           | 8798          | 2.32%           | 0.300%        |
| 13        | 5.190       | 538           | 539         | 542          | rBB      | 106            | 87            | 0.02%           | 0.003%        |
| 14        | 5.226       | 543           | 545         | 547          | rBB      | 108            | 104           | 0.03%           | 0.004%        |
| 15        | 5.245       | 547           | 548         | 550          | rBV      | 112            | 84            | 0.02%           | 0.003%        |
| 16        | 5.293       | 554           | 556         | 558          | rBB      | 94             | 94            | 0.02%           | 0.003%        |
| 17        | 5.324       | 559           | 561         | 563          | rBB      | 80             | 72            | 0.02%           | 0.002%        |
| 18        | 5.427       | 574           | 578         | 579          | rBV      | 56             | 78            | 0.02%           | 0.003%        |
| 19        | 5.629       | 606           | 611         | 612          | rBV      | 127            | 135           | 0.04%           | 0.005%        |
| 20        | 5.763       | 631           | 633         | 635          | rBB      | 119            | 89            | 0.02%           | 0.003%        |
| 21        | 5.873       | 650           | 651         | 652          | rBV      | 146            | 74            | 0.02%           | 0.003%        |
| 22        | 6.122       | 691           | 692         | 695          | rBB      | 120            | 91            | 0.02%           | 0.003%        |
| 23        | 6.165       | 697           | 699         | 703          | rBB      | 76             | 100           | 0.03%           | 0.003%        |
| 24        | 6.214       | 704           | 707         | 710          | rBB      | 181            | 224           | 0.06%           | 0.008%        |
| 25        | 6.391       | 735           | 736         | 739          | rBB      | 135            | 91            | 0.02%           | 0.003%        |
| 26        | 6.421       | 740           | 741         | 745          | rBB      | 89             | 98            | 0.03%           | 0.003%        |
| 27        | 6.696       | 784           | 786         | 788          | rBB      | 135            | 114           | 0.03%           | 0.004%        |
| 28        | 6.952       | 827           | 828         | 830          | rBV      | 127            | 113           | 0.03%           | 0.004%        |
| 29        | 7.074       | 838           | 848         | 869          | rBB      | 10273          | 32157         | 8.46%           | 1.097%        |
| 30        | 7.293       | 881           | 884         | 886          | rBB2     | 149            | 149           | 0.04%           | 0.005%        |
| 31        | 7.647       | 931           | 942         | 954          | rBV      | 69149          | 168406        | 44.32%          | 5.747%        |
| 32        | 7.811       | 966           | 969         | 971          | rBB      | 115            | 108           | 0.03%           | 0.004%        |
| 33        | 7.872       | 977           | 979         | 981          | rBB      | 141            | 105           | 0.03%           | 0.004%        |
| 34        | 7.970       | 992           | 995         | 997          | rBB      | 70             | 92            | 0.02%           | 0.003%        |
| 35        | 8.275       | 1035          | 1045        | 1058         | rBV2     | 126654         | 379967        | 100.00%         | 12.966%       |
| 36        | 8.841       | 1129          | 1138        | 1152         | rBB      | 123038         | 239054        | 62.91%          | 8.157%        |

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Integrator: RTE

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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\SFAMWLM120921SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.049  | 1170 | 1172 | 1173 | rBV  | 86     | 90     | 0.02%  | 0.003%  |
| 38 | 9.091  | 1173 | 1179 | 1187 | rVB3 | 7695   | 15017  | 3.95%  | 0.512%  |
| 39 | 9.207  | 1195 | 1198 | 1200 | rBB  | 111    | 103    | 0.03%  | 0.004%  |
| 40 | 9.274  | 1200 | 1209 | 1218 | rBV  | 86414  | 174402 | 45.90% | 5.951%  |
| 41 | 9.604  | 1260 | 1263 | 1265 | rBB  | 143    | 124    | 0.03%  | 0.004%  |
| 42 | 9.658  | 1270 | 1272 | 1275 | rBV  | 158    | 191    | 0.05%  | 0.007%  |
| 43 | 9.799  | 1293 | 1295 | 1297 | rBB  | 115    | 83     | 0.02%  | 0.003%  |
| 44 | 10.036 | 1325 | 1334 | 1344 | rBB  | 43499  | 79327  | 20.88% | 2.707%  |
| 45 | 10.116 | 1345 | 1347 | 1348 | rBV  | 128    | 91     | 0.02%  | 0.003%  |
| 46 | 10.250 | 1367 | 1369 | 1370 | rBB  | 129    | 94     | 0.02%  | 0.003%  |
| 47 | 10.323 | 1373 | 1381 | 1388 | rBV  | 189427 | 336668 | 88.60% | 11.488% |
| 48 | 10.500 | 1408 | 1410 | 1413 | rBB  | 237    | 243    | 0.06%  | 0.008%  |
| 49 | 10.579 | 1416 | 1423 | 1431 | rBB  | 28360  | 47882  | 12.60% | 1.634%  |
| 50 | 10.658 | 1435 | 1436 | 1438 | rBV  | 80     | 76     | 0.02%  | 0.003%  |
| 51 | 10.701 | 1438 | 1443 | 1451 | rVB3 | 2714   | 4791   | 1.26%  | 0.163%  |
| 52 | 10.859 | 1462 | 1469 | 1474 | rBV  | 28085  | 48535  | 12.77% | 1.656%  |
| 53 | 10.920 | 1474 | 1479 | 1489 | rVB  | 42301  | 69406  | 18.27% | 2.368%  |
| 54 | 11.061 | 1499 | 1502 | 1505 | rVB  | 443    | 503    | 0.13%  | 0.017%  |
| 55 | 11.298 | 1540 | 1541 | 1544 | rBB  | 138    | 115    | 0.03%  | 0.004%  |
| 56 | 11.457 | 1565 | 1567 | 1568 | rBV  | 66     | 71     | 0.02%  | 0.002%  |
| 57 | 11.628 | 1588 | 1595 | 1605 | rBV  | 189176 | 313043 | 82.39% | 10.682% |
| 58 | 11.762 | 1614 | 1617 | 1618 | rBV  | 77     | 75     | 0.02%  | 0.003%  |
| 59 | 11.835 | 1625 | 1629 | 1633 | rBB2 | 299    | 532    | 0.14%  | 0.018%  |
| 60 | 11.957 | 1647 | 1649 | 1651 | rBB  | 74     | 76     | 0.02%  | 0.003%  |
| 61 | 12.067 | 1664 | 1667 | 1669 | rBB  | 148    | 102    | 0.03%  | 0.003%  |
| 62 | 12.329 | 1708 | 1710 | 1713 | rBB  | 76     | 73     | 0.02%  | 0.002%  |
| 63 | 12.457 | 1730 | 1731 | 1732 | rBV  | 178    | 106    | 0.03%  | 0.004%  |
| 64 | 12.542 | 1742 | 1745 | 1747 | rBB  | 132    | 104    | 0.03%  | 0.004%  |
| 65 | 12.597 | 1748 | 1754 | 1762 | rBB3 | 4709   | 9599   | 2.53%  | 0.328%  |
| 66 | 12.688 | 1763 | 1769 | 1776 | rBV  | 74761  | 122060 | 32.12% | 4.165%  |
| 67 | 12.938 | 1806 | 1810 | 1811 | rBV  | 644    | 696    | 0.18%  | 0.024%  |
| 68 | 13.011 | 1818 | 1822 | 1823 | rBV  | 241    | 259    | 0.07%  | 0.009%  |
| 69 | 13.243 | 1857 | 1860 | 1865 | rBV3 | 405    | 868    | 0.23%  | 0.030%  |
| 70 | 13.402 | 1879 | 1886 | 1892 | rBV  | 3730   | 6291   | 1.66%  | 0.215%  |
| 71 | 13.469 | 1892 | 1897 | 1901 | rBV3 | 5724   | 8827   | 2.32%  | 0.301%  |
| 72 | 13.554 | 1905 | 1911 | 1917 | rBV  | 226330 | 353587 | 93.06% | 12.066% |
| 73 | 13.761 | 1940 | 1945 | 1951 | rBV3 | 2145   | 3961   | 1.04%  | 0.135%  |
| 74 | 13.853 | 1953 | 1960 | 1971 | rVV  | 184462 | 310274 | 81.66% | 10.588% |
| 75 | 14.011 | 1984 | 1986 | 1987 | rVB  | 134    | 72     | 0.02%  | 0.002%  |
| 76 | 14.060 | 1987 | 1994 | 2000 | rBV2 | 5064   | 8116   | 2.14%  | 0.277%  |

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Smoothing : OFF

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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\SFAMWLM120921SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 14.237 | 2022 | 2023 | 2026 | rBB2 | 88   | 87   | 0.02% | 0.003% |
| 78  | 14.292 | 2030 | 2032 | 2033 | rBV  | 77   | 72   | 0.02% | 0.002% |
| 79  | 14.322 | 2035 | 2037 | 2042 | rVB  | 420  | 406  | 0.11% | 0.014% |
| 80  | 14.359 | 2042 | 2043 | 2045 | rBV  | 79   | 74   | 0.02% | 0.003% |
| 81  | 14.420 | 2052 | 2053 | 2055 | rBB  | 131  | 91   | 0.02% | 0.003% |
| 82  | 14.487 | 2061 | 2064 | 2066 | rBV  | 209  | 233  | 0.06% | 0.008% |
| 83  | 14.511 | 2066 | 2068 | 2069 | rBV  | 215  | 124  | 0.03% | 0.004% |
| 84  | 14.719 | 2099 | 2102 | 2107 | rBB  | 426  | 388  | 0.10% | 0.013% |
| 85  | 14.847 | 2121 | 2123 | 2125 | rBV  | 114  | 121  | 0.03% | 0.004% |
| 86  | 15.048 | 2152 | 2156 | 2159 | rBB  | 142  | 191  | 0.05% | 0.007% |
| 87  | 15.164 | 2173 | 2175 | 2181 | rBB  | 151  | 268  | 0.07% | 0.009% |
| 88  | 15.243 | 2187 | 2188 | 2190 | rVB  | 135  | 93   | 0.02% | 0.003% |
| 89  | 15.267 | 2191 | 2192 | 2194 | rBV  | 75   | 78   | 0.02% | 0.003% |
| 90  | 15.304 | 2196 | 2198 | 2200 | rBB  | 122  | 90   | 0.02% | 0.003% |
| 91  | 15.365 | 2205 | 2208 | 2210 | rBV  | 213  | 251  | 0.07% | 0.009% |
| 92  | 15.432 | 2215 | 2219 | 2223 | rVV3 | 3178 | 4508 | 1.19% | 0.154% |
| 93  | 15.481 | 2223 | 2227 | 2234 | rVB2 | 1219 | 2144 | 0.56% | 0.073% |
| 94  | 15.609 | 2247 | 2248 | 2250 | rBV2 | 91   | 92   | 0.02% | 0.003% |
| 95  | 15.883 | 2291 | 2293 | 2296 | rBV  | 90   | 83   | 0.02% | 0.003% |
| 96  | 15.968 | 2305 | 2307 | 2308 | rBV  | 219  | 135  | 0.04% | 0.005% |
| 97  | 16.090 | 2324 | 2327 | 2329 | rBV2 | 127  | 185  | 0.05% | 0.006% |
| 98  | 16.200 | 2344 | 2345 | 2346 | rBV  | 115  | 72   | 0.02% | 0.002% |
| 99  | 16.657 | 2419 | 2420 | 2423 | rBV  | 113  | 143  | 0.04% | 0.005% |
| 100 | 16.730 | 2430 | 2432 | 2434 | rVB  | 166  | 150  | 0.04% | 0.005% |

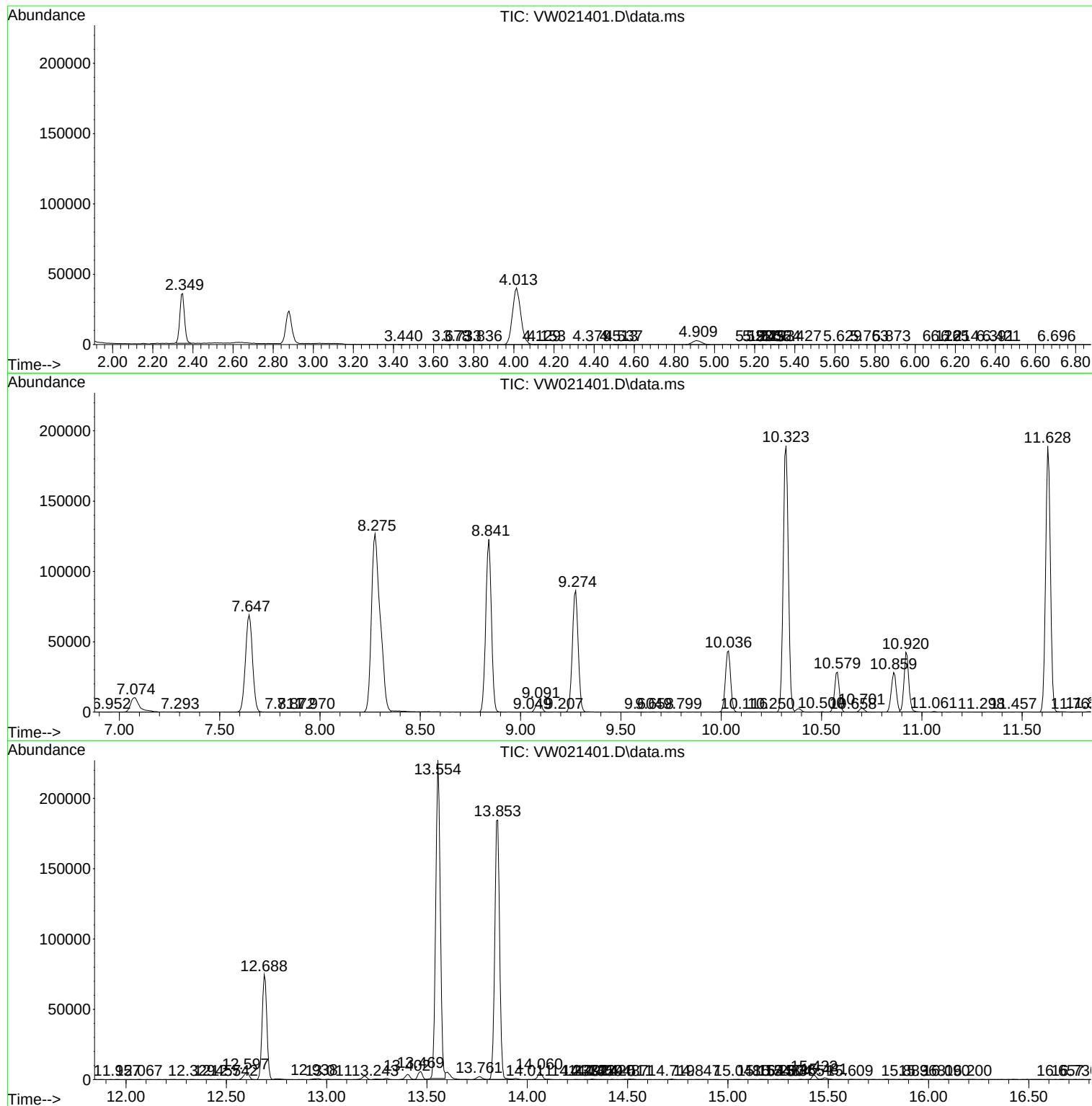
Sum of corrected areas: 2930532

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0

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



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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|