

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121021\  
 Data File : VW021313.D  
 Acq On : 11 Dec 2021 04:25  
 Operator : SY/VA  
 Sample : M5023-20  
 Misc : 6.21g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGKZ8

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: VW021313.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         | 2.355       | 69            | 74          | 83           | rVB      | 24766          | 39516         | 0.57%           | 0.391%        |
| 2         | 2.885       | 155           | 161         | 172          | rVB      | 15702          | 31353         | 0.45%           | 0.310%        |
| 3         | 3.263       | 219           | 223         | 224          | rVB2     | 258            | 236           | 0.00%           | 0.002%        |
| 4         | 3.312       | 228           | 231         | 238          | rVB3     | 413            | 781           | 0.01%           | 0.008%        |
| 5         | 3.385       | 241           | 243         | 246          | rBV2     | 238            | 231           | 0.00%           | 0.002%        |
| 6         | 3.452       | 249           | 254         | 258          | rVB3     | 805            | 1622          | 0.02%           | 0.016%        |
| 7         | 3.574       | 272           | 274         | 277          | rBV2     | 200            | 282           | 0.00%           | 0.003%        |
| 8         | 3.757       | 302           | 304         | 305          | rBV      | 251            | 178           | 0.00%           | 0.002%        |
| 9         | 3.782       | 305           | 308         | 309          | rBV      | 614            | 667           | 0.01%           | 0.007%        |
| 10        | 4.038       | 337           | 350         | 363          | rBV2     | 155781         | 459461        | 6.63%           | 4.544%        |
| 11        | 4.391       | 398           | 408         | 416          | rVB3     | 1671           | 4808          | 0.07%           | 0.048%        |
| 12        | 4.452       | 416           | 418         | 420          | rVB      | 289            | 224           | 0.00%           | 0.002%        |
| 13        | 4.544       | 429           | 433         | 437          | rBV2     | 273            | 471           | 0.01%           | 0.005%        |
| 14        | 4.916       | 485           | 494         | 503          | rBV5     | 3925           | 11973         | 0.17%           | 0.118%        |
| 15        | 5.318       | 558           | 560         | 562          | rVB      | 267            | 217           | 0.00%           | 0.002%        |
| 16        | 5.367       | 565           | 568         | 571          | rBV2     | 159            | 278           | 0.00%           | 0.003%        |
| 17        | 5.428       | 577           | 578         | 582          | rVV2     | 316            | 294           | 0.00%           | 0.003%        |
| 18        | 5.482       | 585           | 587         | 589          | rVV      | 211            | 222           | 0.00%           | 0.002%        |
| 19        | 5.647       | 606           | 614         | 618          | rVV2     | 183            | 583           | 0.01%           | 0.006%        |
| 20        | 5.702       | 620           | 623         | 625          | rVV2     | 151            | 207           | 0.00%           | 0.002%        |
| 21        | 5.726       | 625           | 627         | 628          | rVB2     | 307            | 191           | 0.00%           | 0.002%        |
| 22        | 5.745       | 628           | 630         | 632          | rBV      | 217            | 201           | 0.00%           | 0.002%        |
| 23        | 6.117       | 688           | 691         | 692          | rBV      | 160            | 175           | 0.00%           | 0.002%        |
| 24        | 6.135       | 692           | 694         | 696          | rVV2     | 181            | 189           | 0.00%           | 0.002%        |
| 25        | 6.220       | 696           | 708         | 721          | rVV      | 137514         | 415875        | 6.00%           | 4.113%        |
| 26        | 6.421       | 738           | 741         | 744          | rVB      | 251            | 286           | 0.00%           | 0.003%        |
| 27        | 6.446       | 744           | 745         | 748          | rBV      | 220            | 183           | 0.00%           | 0.002%        |
| 28        | 6.830       | 805           | 808         | 810          | rBV      | 180            | 220           | 0.00%           | 0.002%        |
| 29        | 7.080       | 839           | 849         | 855          | rBV      | 5990           | 15943         | 0.23%           | 0.158%        |
| 30        | 7.171       | 856           | 864         | 875          | rVB      | 33727          | 90396         | 1.30%           | 0.894%        |
| 31        | 7.354       | 892           | 894         | 897          | rBV2     | 150            | 204           | 0.00%           | 0.002%        |
| 32        | 7.427       | 903           | 906         | 909          | rBV      | 226            | 270           | 0.00%           | 0.003%        |
| 33        | 7.452       | 909           | 910         | 912          | rBV      | 167            | 169           | 0.00%           | 0.002%        |
| 34        | 7.561       | 926           | 928         | 931          | rVB      | 209            | 186           | 0.00%           | 0.002%        |
| 35        | 7.647       | 933           | 942         | 955          | rVB      | 38616          | 96230         | 1.39%           | 0.952%        |
| 36        | 7.775       | 961           | 963         | 964          | rVB      | 290            | 196           | 0.00%           | 0.002%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMWLM120921SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 7.805  | 967  | 968  | 971  | rBV  | 195     | 211     | 0.00%   | 0.002%  |
| 38 | 7.836  | 971  | 973  | 975  | rBV  | 281     | 229     | 0.00%   | 0.002%  |
| 39 | 7.933  | 985  | 989  | 994  | rBV2 | 241     | 318     | 0.00%   | 0.003%  |
| 40 | 8.000  | 999  | 1000 | 1004 | rBV2 | 240     | 338     | 0.00%   | 0.003%  |
| 41 | 8.141  | 1021 | 1023 | 1028 | rBV2 | 231     | 332     | 0.00%   | 0.003%  |
| 42 | 8.220  | 1033 | 1036 | 1037 | rBV  | 221     | 257     | 0.00%   | 0.003%  |
| 43 | 8.275  | 1037 | 1045 | 1059 | rBV2 | 65801   | 201398  | 2.91%   | 1.992%  |
| 44 | 8.842  | 1128 | 1138 | 1149 | rBV  | 55059   | 105240  | 1.52%   | 1.041%  |
| 45 | 9.092  | 1169 | 1179 | 1191 | rBV  | 582157  | 1121085 | 16.18%  | 11.088% |
| 46 | 9.274  | 1201 | 1209 | 1218 | rBV2 | 45669   | 92743   | 1.34%   | 0.917%  |
| 47 | 9.409  | 1225 | 1231 | 1235 | rBV2 | 298     | 719     | 0.01%   | 0.007%  |
| 48 | 9.579  | 1257 | 1259 | 1264 | rBV2 | 137     | 206     | 0.00%   | 0.002%  |
| 49 | 9.896  | 1306 | 1311 | 1314 | rVB3 | 710     | 1141    | 0.02%   | 0.011%  |
| 50 | 10.037 | 1327 | 1334 | 1341 | rVV  | 22730   | 40615   | 0.59%   | 0.402%  |
| 51 | 10.171 | 1354 | 1356 | 1358 | rBV  | 261     | 221     | 0.00%   | 0.002%  |
| 52 | 10.195 | 1358 | 1360 | 1363 | rVB2 | 227     | 217     | 0.00%   | 0.002%  |
| 53 | 10.250 | 1365 | 1369 | 1372 | rBV2 | 341     | 525     | 0.01%   | 0.005%  |
| 54 | 10.323 | 1374 | 1381 | 1388 | rBV  | 78865   | 136002  | 1.96%   | 1.345%  |
| 55 | 10.488 | 1406 | 1408 | 1411 | rBV2 | 135     | 191     | 0.00%   | 0.002%  |
| 56 | 10.512 | 1411 | 1412 | 1415 | rVB  | 341     | 276     | 0.00%   | 0.003%  |
| 57 | 10.579 | 1415 | 1423 | 1429 | rBV  | 13069   | 21937   | 0.32%   | 0.217%  |
| 58 | 10.707 | 1437 | 1444 | 1449 | rVB3 | 577     | 1166    | 0.02%   | 0.012%  |
| 59 | 10.793 | 1454 | 1458 | 1461 | rVB3 | 1081    | 1703    | 0.02%   | 0.017%  |
| 60 | 10.866 | 1461 | 1470 | 1477 | rBV  | 4214824 | 6927548 | 100.00% | 68.517% |
| 61 | 10.921 | 1477 | 1479 | 1488 | rVB  | 20210   | 31356   | 0.45%   | 0.310%  |
| 62 | 11.073 | 1502 | 1504 | 1507 | rBV2 | 351     | 279     | 0.00%   | 0.003%  |
| 63 | 11.280 | 1536 | 1538 | 1539 | rBV  | 202     | 198     | 0.00%   | 0.002%  |
| 64 | 11.463 | 1565 | 1568 | 1570 | rVB2 | 223     | 227     | 0.00%   | 0.002%  |
| 65 | 11.536 | 1577 | 1580 | 1583 | rBV2 | 167     | 249     | 0.00%   | 0.002%  |
| 66 | 11.628 | 1588 | 1595 | 1604 | rVV  | 54989   | 95184   | 1.37%   | 0.941%  |
| 67 | 11.945 | 1644 | 1647 | 1648 | rBB2 | 204     | 179     | 0.00%   | 0.002%  |
| 68 | 12.024 | 1658 | 1660 | 1664 | rVB  | 258     | 320     | 0.00%   | 0.003%  |
| 69 | 12.115 | 1673 | 1675 | 1676 | rBV  | 213     | 175     | 0.00%   | 0.002%  |
| 70 | 12.170 | 1679 | 1684 | 1689 | rVB2 | 576     | 931     | 0.01%   | 0.009%  |
| 71 | 12.432 | 1724 | 1727 | 1728 | rBV  | 189     | 198     | 0.00%   | 0.002%  |
| 72 | 12.609 | 1751 | 1756 | 1759 | rVB2 | 623     | 967     | 0.01%   | 0.010%  |
| 73 | 12.689 | 1763 | 1769 | 1776 | rVV  | 30988   | 50785   | 0.73%   | 0.502%  |
| 74 | 12.774 | 1780 | 1783 | 1784 | rBV  | 305     | 259     | 0.00%   | 0.003%  |
| 75 | 12.902 | 1800 | 1804 | 1806 | rBV2 | 226     | 380     | 0.01%   | 0.004%  |
| 76 | 12.957 | 1811 | 1813 | 1815 | rVV  | 299     | 234     | 0.00%   | 0.002%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

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  | 13.048 | 1824 | 1828 | 1831 | rBV2 | 213   | 285   | 0.00% | 0.003% |
| 78  | 13.152 | 1841 | 1845 | 1848 | rBV2 | 250   | 333   | 0.00% | 0.003% |
| 79  | 13.231 | 1856 | 1858 | 1860 | rVB2 | 186   | 185   | 0.00% | 0.002% |
| 80  | 13.256 | 1860 | 1862 | 1863 | rBV  | 278   | 206   | 0.00% | 0.002% |
| 81  | 13.280 | 1863 | 1866 | 1872 | rVV4 | 510   | 784   | 0.01% | 0.008% |
| 82  | 13.402 | 1882 | 1886 | 1889 | rVV3 | 545   | 864   | 0.01% | 0.009% |
| 83  | 13.554 | 1905 | 1911 | 1918 | rBV  | 28959 | 46558 | 0.67% | 0.460% |
| 84  | 13.652 | 1925 | 1927 | 1930 | rVB  | 227   | 227   | 0.00% | 0.002% |
| 85  | 13.694 | 1930 | 1934 | 1936 | rBV2 | 265   | 381   | 0.01% | 0.004% |
| 86  | 13.792 | 1948 | 1950 | 1951 | rBV  | 253   | 210   | 0.00% | 0.002% |
| 87  | 13.853 | 1954 | 1960 | 1967 | rVB  | 27980 | 46190 | 0.67% | 0.457% |
| 88  | 14.511 | 2065 | 2068 | 2070 | rBV  | 208   | 263   | 0.00% | 0.003% |
| 89  | 14.780 | 2110 | 2112 | 2115 | rVB  | 234   | 204   | 0.00% | 0.002% |
| 90  | 14.895 | 2129 | 2131 | 2135 | rBV  | 177   | 223   | 0.00% | 0.002% |
| 91  | 15.255 | 2188 | 2190 | 2191 | rBV  | 275   | 196   | 0.00% | 0.002% |
| 92  | 15.481 | 2224 | 2227 | 2228 | rBV2 | 283   | 311   | 0.00% | 0.003% |
| 93  | 15.548 | 2237 | 2238 | 2241 | rVB  | 300   | 175   | 0.00% | 0.002% |
| 94  | 15.578 | 2241 | 2243 | 2245 | rBV2 | 291   | 271   | 0.00% | 0.003% |
| 95  | 15.731 | 2265 | 2268 | 2272 | rBV2 | 171   | 243   | 0.00% | 0.002% |
| 96  | 15.779 | 2272 | 2276 | 2277 | rBV  | 300   | 283   | 0.00% | 0.003% |
| 97  | 15.993 | 2308 | 2311 | 2312 | rBV  | 189   | 213   | 0.00% | 0.002% |
| 98  | 16.121 | 2330 | 2332 | 2335 | rVB2 | 234   | 185   | 0.00% | 0.002% |
| 99  | 16.554 | 2401 | 2403 | 2405 | rBV  | 308   | 359   | 0.01% | 0.004% |
| 100 | 16.755 | 2429 | 2436 | 2437 | rBV2 | 302   | 511   | 0.01% | 0.005% |

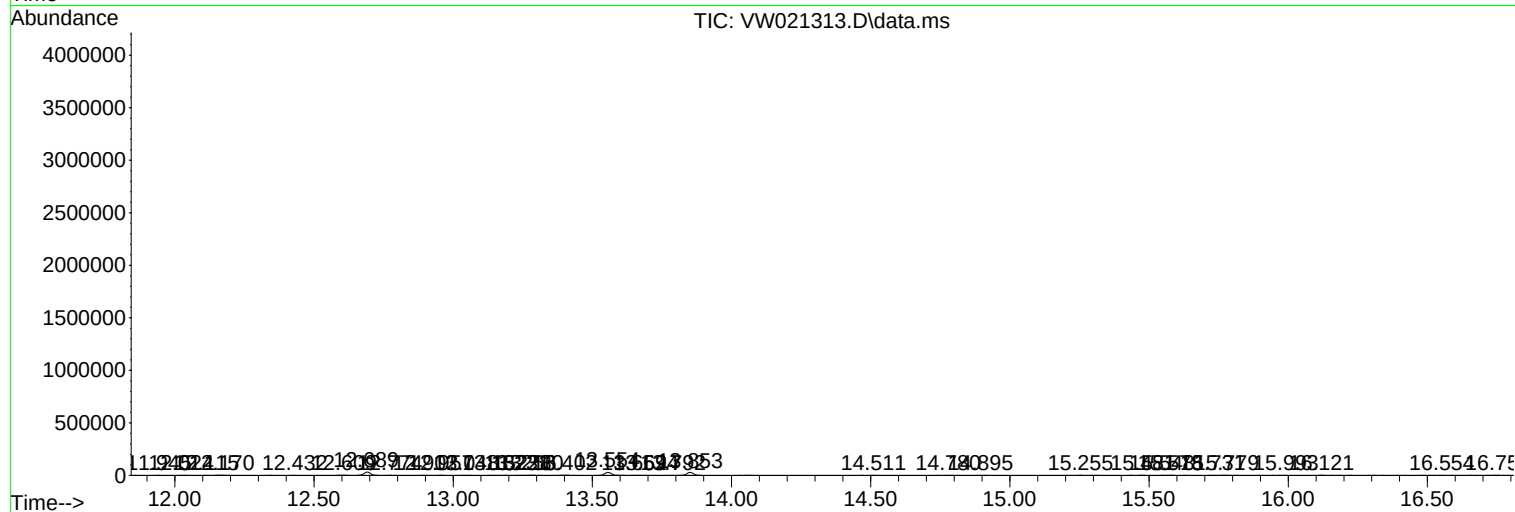
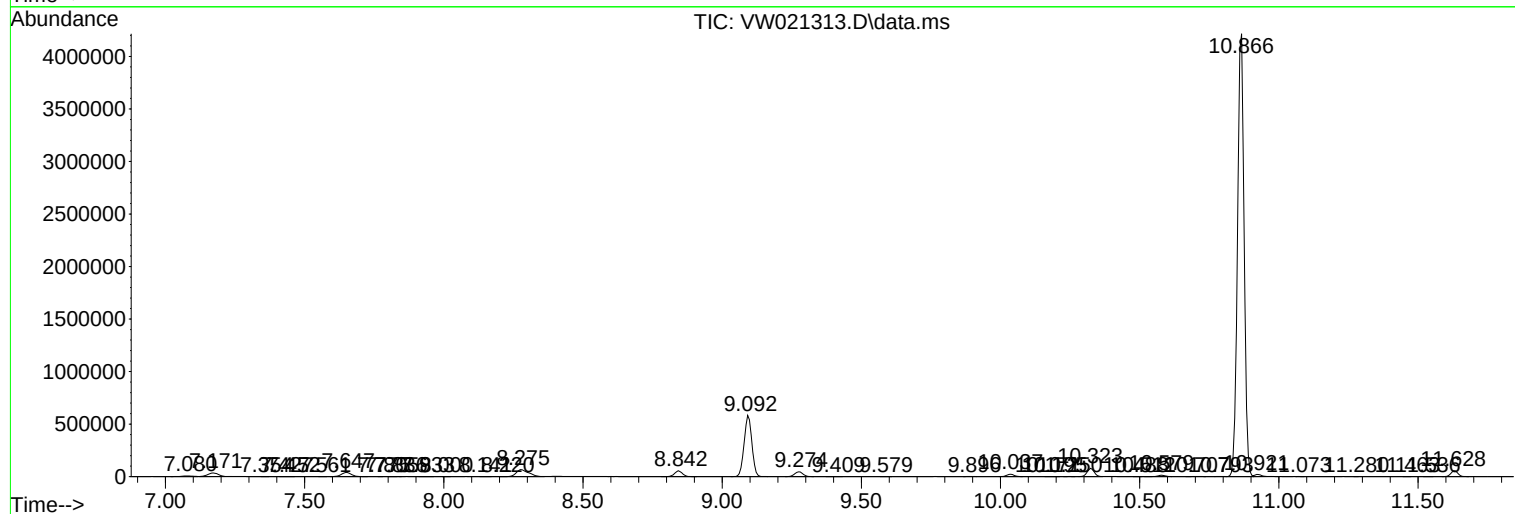
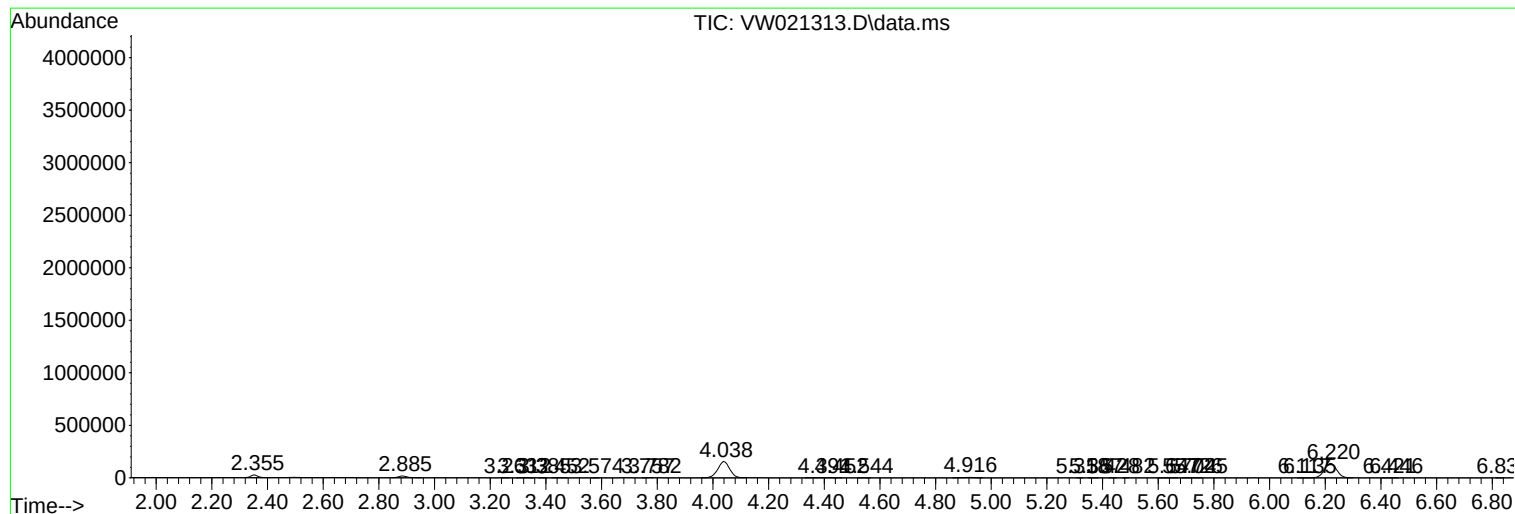
Sum of corrected areas: 10110717

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121021\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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