

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111823\  
 Data File : VD077632.D  
 Acq On : 18 Nov 2023 15:45  
 Operator : JC/SY  
 Sample : 05459-11  
 Misc : 4.19G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AJ6

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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077632.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         | 1.640       | 7             | 9           | 11           | rBV      | 1369           | 1103          | 0.07%           | 0.011%        |
| 2         | 1.693       | 12            | 18          | 19           | rBV      | 6085           | 8056          | 0.48%           | 0.078%        |
| 3         | 1.740       | 19            | 26          | 39           | rVB      | 1008879        | 1666617       | 100.00%         | 16.083%       |
| 4         | 2.146       | 92            | 95          | 98           | rBV2     | 2266           | 3808          | 0.23%           | 0.037%        |
| 5         | 2.276       | 112           | 117         | 124          | rVB      | 148515         | 217804        | 13.07%          | 2.102%        |
| 6         | 2.805       | 200           | 207         | 216          | rBV      | 128378         | 240381        | 14.42%          | 2.320%        |
| 7         | 3.270       | 283           | 286         | 287          | rBV      | 1500           | 1292          | 0.08%           | 0.012%        |
| 8         | 3.358       | 300           | 301         | 304          | rVB      | 1525           | 1217          | 0.07%           | 0.012%        |
| 9         | 3.446       | 313           | 316         | 319          | rBV2     | 1616           | 2521          | 0.15%           | 0.024%        |
| 10        | 3.487       | 321           | 323         | 326          | rVB2     | 1000           | 849           | 0.05%           | 0.008%        |
| 11        | 3.617       | 342           | 345         | 348          | rBV2     | 1654           | 2154          | 0.13%           | 0.021%        |
| 12        | 3.640       | 348           | 349         | 352          | rVV2     | 1080           | 901           | 0.05%           | 0.009%        |
| 13        | 3.681       | 352           | 356         | 359          | rVB      | 1050           | 1273          | 0.08%           | 0.012%        |
| 14        | 3.740       | 363           | 366         | 367          | rBV      | 1193           | 887           | 0.05%           | 0.009%        |
| 15        | 3.828       | 378           | 381         | 382          | rBV      | 842            | 990           | 0.06%           | 0.010%        |
| 16        | 3.917       | 386           | 396         | 407          | rBV      | 136133         | 362548        | 21.75%          | 3.499%        |
| 17        | 4.111       | 425           | 429         | 433          | rVB3     | 1722           | 2868          | 0.17%           | 0.028%        |
| 18        | 4.264       | 452           | 455         | 456          | rBV2     | 2161           | 2273          | 0.14%           | 0.022%        |
| 19        | 4.411       | 473           | 480         | 482          | rBV2     | 1017           | 2355          | 0.14%           | 0.023%        |
| 20        | 4.711       | 528           | 531         | 533          | rBV      | 1060           | 1073          | 0.06%           | 0.010%        |
| 21        | 4.805       | 535           | 547         | 560          | rBV2     | 82083          | 262883        | 15.77%          | 2.537%        |
| 22        | 4.934       | 567           | 569         | 573          | rVB2     | 1017           | 1035          | 0.06%           | 0.010%        |
| 23        | 5.228       | 614           | 619         | 622          | rBV3     | 1327           | 1973          | 0.12%           | 0.019%        |
| 24        | 5.293       | 627           | 630         | 633          | rVB2     | 1171           | 1292          | 0.08%           | 0.012%        |
| 25        | 5.417       | 650           | 651         | 653          | rVB      | 1225           | 848           | 0.05%           | 0.008%        |
| 26        | 5.558       | 673           | 675         | 678          | rVB2     | 1012           | 897           | 0.05%           | 0.009%        |
| 27        | 5.593       | 678           | 681         | 684          | rBV      | 1402           | 1877          | 0.11%           | 0.018%        |
| 28        | 5.693       | 696           | 698         | 701          | rVB      | 1319           | 1286          | 0.08%           | 0.012%        |
| 29        | 5.746       | 704           | 707         | 708          | rBV      | 1031           | 920           | 0.06%           | 0.009%        |
| 30        | 5.764       | 708           | 710         | 713          | rVB      | 1155           | 1008          | 0.06%           | 0.010%        |
| 31        | 5.840       | 717           | 723         | 725          | rBV4     | 2971           | 4640          | 0.28%           | 0.045%        |
| 32        | 6.234       | 786           | 790         | 792          | rBV2     | 866            | 1125          | 0.07%           | 0.011%        |
| 33        | 6.287       | 797           | 799         | 801          | rBV2     | 1149           | 900           | 0.05%           | 0.009%        |
| 34        | 6.322       | 801           | 805         | 808          | rVB2     | 1151           | 1763          | 0.11%           | 0.017%        |
| 35        | 6.364       | 808           | 812         | 813          | rBV2     | 984            | 1216          | 0.07%           | 0.012%        |
| 36        | 6.481       | 829           | 832         | 835          | rVB2     | 1311           | 1717          | 0.10%           | 0.017%        |

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 C0AJ6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.511  | 835  | 837  | 839  | rBV2 | 854    | 855     | 0.05%  | 0.008%  |
| 38 | 6.622  | 854  | 856  | 859  | rVB3 | 1221   | 1074    | 0.06%  | 0.010%  |
| 39 | 6.987  | 908  | 918  | 925  | rBV  | 39988  | 115553  | 6.93%  | 1.115%  |
| 40 | 7.281  | 967  | 968  | 971  | rVB  | 1666   | 850     | 0.05%  | 0.008%  |
| 41 | 7.305  | 971  | 972  | 975  | rVB  | 1417   | 981     | 0.06%  | 0.009%  |
| 42 | 7.328  | 975  | 976  | 980  | rBV2 | 1015   | 948     | 0.06%  | 0.009%  |
| 43 | 7.363  | 980  | 982  | 985  | rVB2 | 1205   | 1160    | 0.07%  | 0.011%  |
| 44 | 7.411  | 987  | 990  | 992  | rBV2 | 1056   | 1149    | 0.07%  | 0.011%  |
| 45 | 7.481  | 1000 | 1002 | 1005 | rVB  | 982    | 931     | 0.06%  | 0.009%  |
| 46 | 7.569  | 1005 | 1017 | 1029 | rBV  | 207462 | 523078  | 31.39% | 5.048%  |
| 47 | 7.722  | 1041 | 1043 | 1046 | rBV  | 1126   | 1196    | 0.07%  | 0.012%  |
| 48 | 7.928  | 1076 | 1078 | 1081 | rBV2 | 814    | 1021    | 0.06%  | 0.010%  |
| 49 | 8.205  | 1115 | 1125 | 1141 | rVV2 | 404180 | 1201840 | 72.11% | 11.598% |
| 50 | 8.346  | 1147 | 1149 | 1152 | rVB2 | 1941   | 1743    | 0.10%  | 0.017%  |
| 51 | 8.540  | 1180 | 1182 | 1185 | rBV2 | 1250   | 1003    | 0.06%  | 0.010%  |
| 52 | 8.640  | 1196 | 1199 | 1201 | rBV3 | 888    | 971     | 0.06%  | 0.009%  |
| 53 | 8.775  | 1213 | 1222 | 1232 | rBV  | 396207 | 800785  | 48.05% | 7.728%  |
| 54 | 9.075  | 1272 | 1273 | 1276 | rVB2 | 1478   | 1227    | 0.07%  | 0.012%  |
| 55 | 9.210  | 1286 | 1296 | 1314 | rBV  | 290428 | 614681  | 36.88% | 5.932%  |
| 56 | 9.322  | 1314 | 1315 | 1317 | rVB  | 1883   | 984     | 0.06%  | 0.009%  |
| 57 | 9.634  | 1367 | 1368 | 1373 | rBV2 | 920    | 1181    | 0.07%  | 0.011%  |
| 58 | 9.922  | 1413 | 1417 | 1419 | rBV2 | 868    | 1014    | 0.06%  | 0.010%  |
| 59 | 9.975  | 1419 | 1426 | 1435 | rBV  | 152777 | 279423  | 16.77% | 2.696%  |
| 60 | 10.157 | 1455 | 1457 | 1459 | rVB2 | 1184   | 842     | 0.05%  | 0.008%  |
| 61 | 10.269 | 1468 | 1476 | 1484 | rBV  | 508905 | 921777  | 55.31% | 8.895%  |
| 62 | 10.528 | 1512 | 1520 | 1529 | rVB  | 92650  | 167669  | 10.06% | 1.618%  |
| 63 | 10.593 | 1529 | 1531 | 1536 | rVB2 | 1357   | 1854    | 0.11%  | 0.018%  |
| 64 | 10.663 | 1538 | 1543 | 1551 | rVB2 | 16287  | 29167   | 1.75%  | 0.281%  |
| 65 | 10.875 | 1571 | 1579 | 1589 | rBV  | 159279 | 274652  | 16.48% | 2.650%  |
| 66 | 11.034 | 1600 | 1606 | 1612 | rVB4 | 15918  | 28534   | 1.71%  | 0.275%  |
| 67 | 11.110 | 1617 | 1619 | 1623 | rVB2 | 1165   | 897     | 0.05%  | 0.009%  |
| 68 | 11.363 | 1659 | 1662 | 1663 | rBV2 | 871    | 919     | 0.06%  | 0.009%  |
| 69 | 11.404 | 1663 | 1669 | 1675 | rVV4 | 6857   | 11057   | 0.66%  | 0.107%  |
| 70 | 11.581 | 1691 | 1699 | 1711 | rVV  | 530039 | 899390  | 53.97% | 8.679%  |
| 71 | 11.763 | 1728 | 1730 | 1732 | rBV  | 1500   | 1273    | 0.08%  | 0.012%  |
| 72 | 11.916 | 1754 | 1756 | 1758 | rBV2 | 1152   | 891     | 0.05%  | 0.009%  |
| 73 | 12.093 | 1784 | 1786 | 1788 | rVB2 | 1549   | 977     | 0.06%  | 0.009%  |
| 74 | 12.116 | 1788 | 1790 | 1791 | rBV2 | 1257   | 1012    | 0.06%  | 0.010%  |
| 75 | 12.422 | 1839 | 1842 | 1843 | rBV  | 1092   | 1171    | 0.07%  | 0.011%  |
| 76 | 12.493 | 1853 | 1854 | 1857 | rVB  | 1631   | 1146    | 0.07%  | 0.011%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AJ6

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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.522 | 1857 | 1859 | 1860 | rBV2 | 1286   | 981    | 0.06%  | 0.009% |
| 78  | 12.581 | 1863 | 1869 | 1874 | rVV  | 16908  | 28247  | 1.69%  | 0.273% |
| 79  | 12.651 | 1874 | 1881 | 1889 | rVB  | 198083 | 331331 | 19.88% | 3.197% |
| 80  | 12.740 | 1892 | 1896 | 1898 | rBV2 | 1872   | 2044   | 0.12%  | 0.020% |
| 81  | 12.799 | 1904 | 1906 | 1911 | rVB  | 1048   | 1347   | 0.08%  | 0.013% |
| 82  | 12.857 | 1914 | 1916 | 1919 | rBV2 | 1148   | 1476   | 0.09%  | 0.014% |
| 83  | 13.063 | 1947 | 1951 | 1955 | rBV  | 1831   | 2795   | 0.17%  | 0.027% |
| 84  | 13.134 | 1962 | 1963 | 1966 | rBV2 | 1366   | 1179   | 0.07%  | 0.011% |
| 85  | 13.269 | 1983 | 1986 | 1988 | rVB2 | 3529   | 4134   | 0.25%  | 0.040% |
| 86  | 13.516 | 2021 | 2028 | 2037 | rBV  | 409333 | 667731 | 40.07% | 6.444% |
| 87  | 13.610 | 2043 | 2044 | 2046 | rBV2 | 2012   | 1453   | 0.09%  | 0.014% |
| 88  | 13.669 | 2053 | 2054 | 2057 | rBV2 | 1450   | 1099   | 0.07%  | 0.011% |
| 89  | 13.816 | 2072 | 2079 | 2085 | rBV  | 355155 | 587356 | 35.24% | 5.668% |
| 90  | 13.922 | 2096 | 2097 | 2102 | rBV3 | 1510   | 1891   | 0.11%  | 0.018% |
| 91  | 14.016 | 2111 | 2113 | 2114 | rBV2 | 1325   | 1006   | 0.06%  | 0.010% |
| 92  | 14.051 | 2114 | 2119 | 2126 | rVB4 | 8892   | 13136  | 0.79%  | 0.127% |
| 93  | 14.263 | 2153 | 2155 | 2157 | rBV2 | 1109   | 1107   | 0.07%  | 0.011% |
| 94  | 15.198 | 2312 | 2314 | 2315 | rBV2 | 1720   | 990    | 0.06%  | 0.010% |
| 95  | 15.298 | 2330 | 2331 | 2333 | rBV  | 2100   | 1772   | 0.11%  | 0.017% |
| 96  | 15.369 | 2341 | 2343 | 2344 | rBV  | 2337   | 1552   | 0.09%  | 0.015% |
| 97  | 15.716 | 2400 | 2402 | 2403 | rBV  | 1689   | 897    | 0.05%  | 0.009% |
| 98  | 16.163 | 2476 | 2478 | 2480 | rBV3 | 2213   | 2324   | 0.14%  | 0.022% |
| 99  | 16.281 | 2497 | 2498 | 2503 | rBV3 | 2148   | 2343   | 0.14%  | 0.023% |
| 100 | 16.469 | 2528 | 2530 | 2531 | rBV  | 2310   | 1152   | 0.07%  | 0.011% |

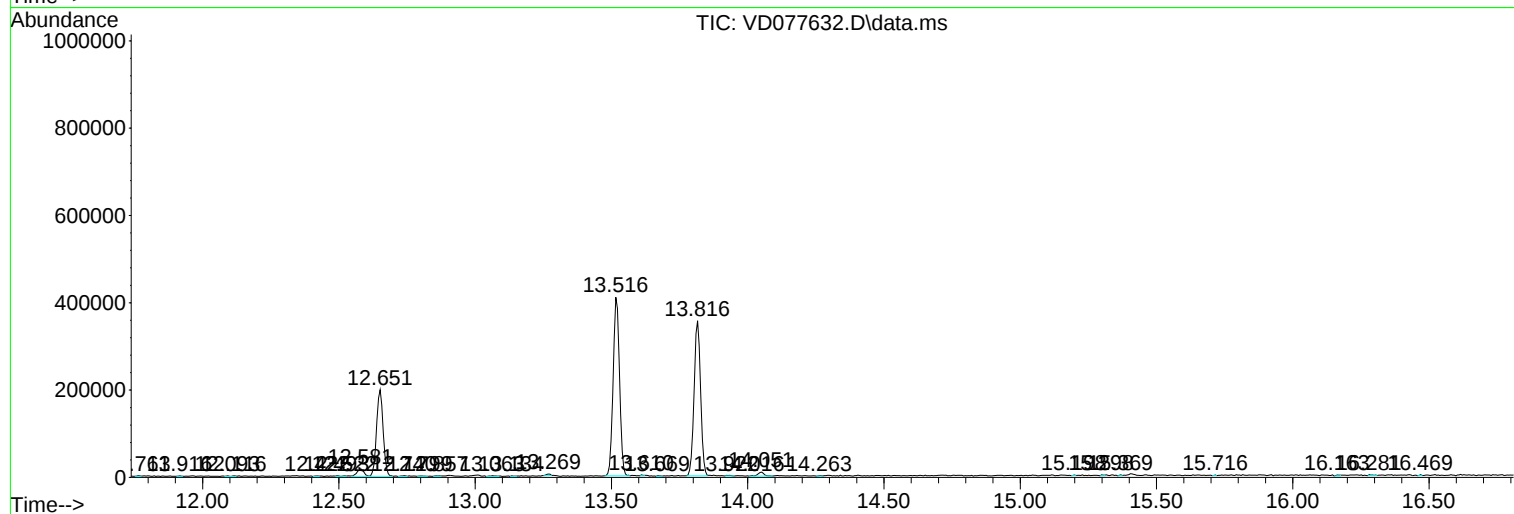
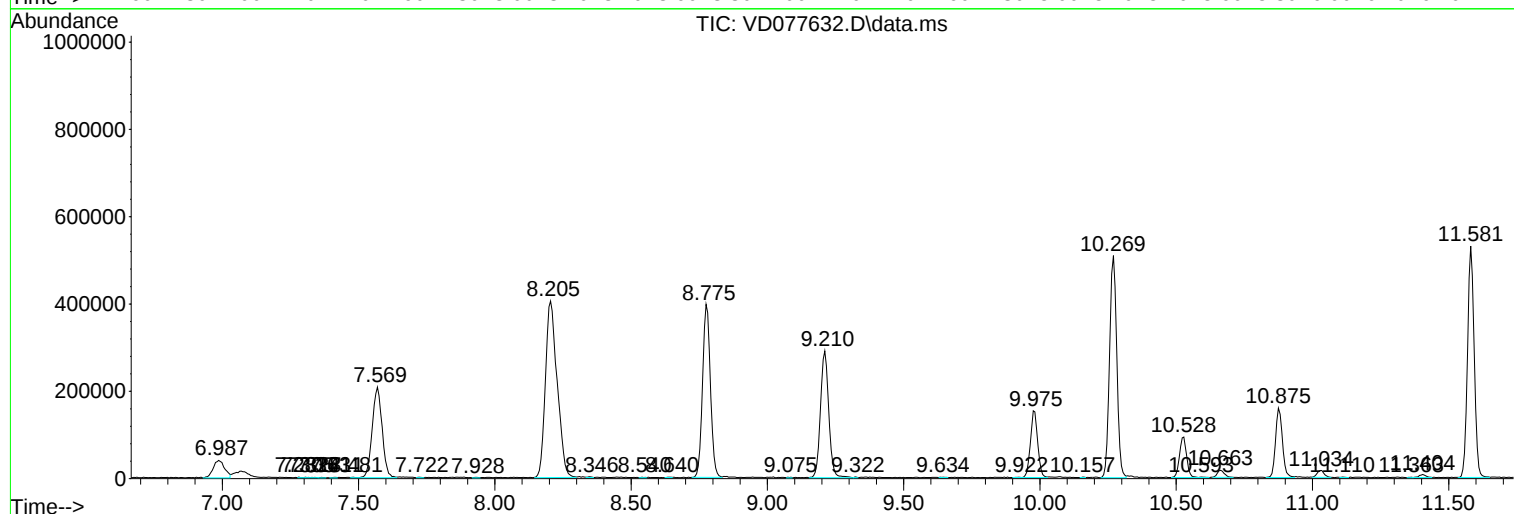
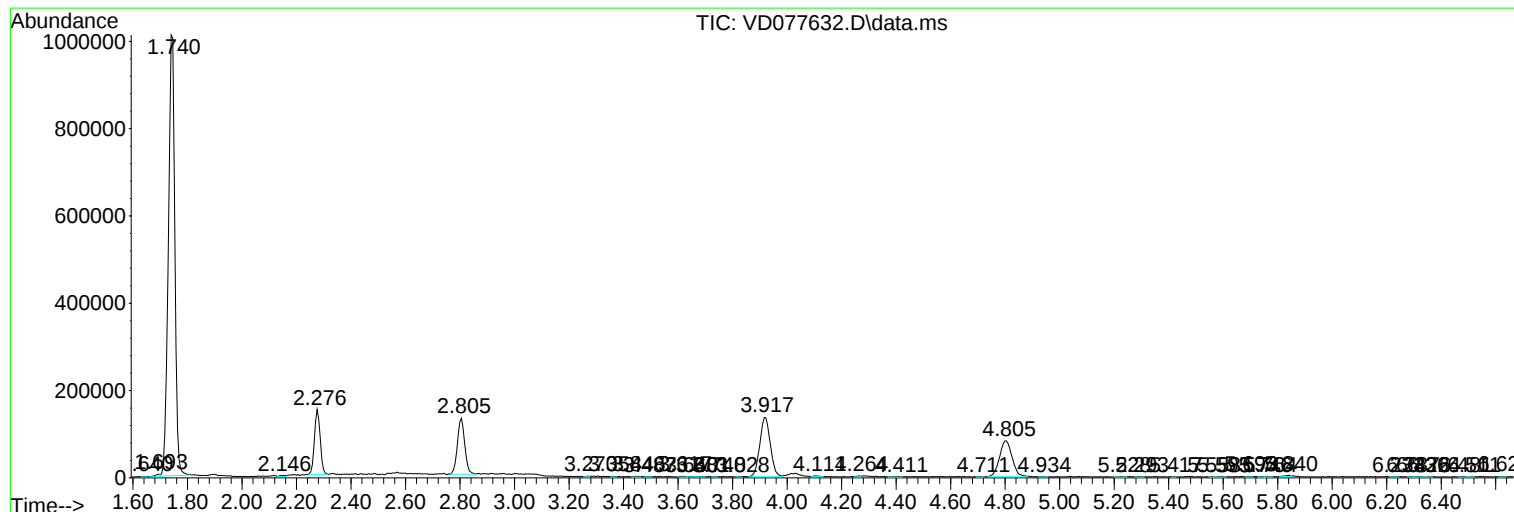
Sum of corrected areas: 10362569

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.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 |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|