

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076027.D  
 Acq On : 05 May 2023 16:02  
 Operator : KP/SY  
 Sample : 02589-09RE  
 Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREC6RE

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\SFAMDLM042023SMA.M  
 Title : SFAM01.0

Signal : TIC: VD076027.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         | 1.658       | 10            | 12          | 14           | rBV2     | 713            | 758           | 0.04%           | 0.008%        |
| 2         | 1.740       | 18            | 26          | 36           | rVV      | 1062316        | 1999007       | 100.00%         | 21.944%       |
| 3         | 2.270       | 111           | 116         | 123          | rBV      | 131359         | 194861        | 9.75%           | 2.139%        |
| 4         | 2.599       | 165           | 172         | 173          | rBV3     | 4746           | 8286          | 0.41%           | 0.091%        |
| 5         | 2.658       | 180           | 182         | 185          | rBV      | 2948           | 2321          | 0.12%           | 0.025%        |
| 6         | 2.799       | 199           | 206         | 214          | rVB      | 121828         | 224889        | 11.25%          | 2.469%        |
| 7         | 3.205       | 274           | 275         | 277          | rBV      | 961            | 593           | 0.03%           | 0.007%        |
| 8         | 3.240       | 279           | 281         | 283          | rBV      | 678            | 628           | 0.03%           | 0.007%        |
| 9         | 3.299       | 290           | 291         | 295          | rBV      | 681            | 852           | 0.04%           | 0.009%        |
| 10        | 3.434       | 313           | 314         | 319          | rVB2     | 743            | 580           | 0.03%           | 0.006%        |
| 11        | 3.481       | 319           | 322         | 323          | rBV2     | 682            | 486           | 0.02%           | 0.005%        |
| 12        | 3.575       | 336           | 338         | 340          | rBV      | 741            | 950           | 0.05%           | 0.010%        |
| 13        | 3.675       | 354           | 355         | 357          | rBV2     | 625            | 496           | 0.02%           | 0.005%        |
| 14        | 3.828       | 379           | 381         | 384          | rVB2     | 1041           | 898           | 0.04%           | 0.010%        |
| 15        | 3.917       | 386           | 396         | 408          | rBV      | 110810         | 292590        | 14.64%          | 3.212%        |
| 16        | 4.022       | 410           | 414         | 415          | rBV3     | 1481           | 1910          | 0.10%           | 0.021%        |
| 17        | 4.164       | 437           | 438         | 441          | rBV2     | 556            | 558           | 0.03%           | 0.006%        |
| 18        | 4.228       | 445           | 449         | 451          | rBV2     | 501            | 537           | 0.03%           | 0.006%        |
| 19        | 4.322       | 463           | 465         | 466          | rBV      | 761            | 491           | 0.02%           | 0.005%        |
| 20        | 4.799       | 536           | 546         | 557          | rBV2     | 19143          | 60362         | 3.02%           | 0.663%        |
| 21        | 4.981       | 576           | 577         | 580          | rVB      | 1080           | 692           | 0.03%           | 0.008%        |
| 22        | 5.011       | 580           | 582         | 583          | rBV      | 530            | 431           | 0.02%           | 0.005%        |
| 23        | 5.046       | 587           | 588         | 591          | rVB      | 804            | 601           | 0.03%           | 0.007%        |
| 24        | 5.069       | 591           | 592         | 594          | rBV2     | 575            | 440           | 0.02%           | 0.005%        |
| 25        | 5.146       | 603           | 605         | 608          | rVV2     | 690            | 780           | 0.04%           | 0.009%        |
| 26        | 5.217       | 615           | 617         | 620          | rVB      | 815            | 758           | 0.04%           | 0.008%        |
| 27        | 5.246       | 620           | 622         | 623          | rBV      | 952            | 696           | 0.03%           | 0.008%        |
| 28        | 5.405       | 647           | 649         | 651          | rVV2     | 678            | 521           | 0.03%           | 0.006%        |
| 29        | 5.552       | 671           | 674         | 677          | rVB2     | 478            | 632           | 0.03%           | 0.007%        |
| 30        | 5.593       | 680           | 681         | 684          | rBV2     | 637            | 521           | 0.03%           | 0.006%        |
| 31        | 5.664       | 692           | 693         | 697          | rVB      | 737            | 495           | 0.02%           | 0.005%        |
| 32        | 5.699       | 697           | 699         | 700          | rBV      | 883            | 517           | 0.03%           | 0.006%        |
| 33        | 5.769       | 709           | 711         | 714          | rVB2     | 772            | 534           | 0.03%           | 0.006%        |
| 34        | 5.822       | 717           | 720         | 722          | rBV3     | 1128           | 1381          | 0.07%           | 0.015%        |
| 35        | 5.934       | 737           | 739         | 742          | rVB2     | 598            | 514           | 0.03%           | 0.006%        |
| 36        | 6.046       | 757           | 758         | 761          | rVV2     | 733            | 596           | 0.03%           | 0.007%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076027.D  
 Acq On : 05 May 2023 16:02  
 Operator : KP/SY  
 Sample : 02589-09RE  
 Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREC6RE

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\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.140  | 773  | 774  | 777  | rBV  | 1028   | 785     | 0.04%  | 0.009%  |
| 38 | 6.475  | 829  | 831  | 834  | rVB  | 516    | 430     | 0.02%  | 0.005%  |
| 39 | 6.669  | 862  | 864  | 867  | rBV2 | 350    | 443     | 0.02%  | 0.005%  |
| 40 | 6.805  | 884  | 887  | 888  | rBV2 | 572    | 581     | 0.03%  | 0.006%  |
| 41 | 6.916  | 904  | 906  | 909  | rBV2 | 616    | 688     | 0.03%  | 0.008%  |
| 42 | 6.981  | 909  | 917  | 928  | rBV  | 30364  | 86369   | 4.32%  | 0.948%  |
| 43 | 7.146  | 941  | 945  | 947  | rVB2 | 583    | 542     | 0.03%  | 0.006%  |
| 44 | 7.187  | 950  | 952  | 954  | rVB  | 735    | 538     | 0.03%  | 0.006%  |
| 45 | 7.222  | 956  | 958  | 961  | rBV  | 396    | 471     | 0.02%  | 0.005%  |
| 46 | 7.287  | 967  | 969  | 970  | rVB  | 830    | 465     | 0.02%  | 0.005%  |
| 47 | 7.416  | 988  | 991  | 993  | rBV  | 573    | 723     | 0.04%  | 0.008%  |
| 48 | 7.563  | 1006 | 1016 | 1030 | rBV  | 194297 | 499266  | 24.98% | 5.481%  |
| 49 | 7.711  | 1040 | 1041 | 1043 | rVB  | 948    | 541     | 0.03%  | 0.006%  |
| 50 | 7.734  | 1043 | 1045 | 1048 | rVB3 | 748    | 699     | 0.03%  | 0.008%  |
| 51 | 7.763  | 1048 | 1050 | 1052 | rBV  | 532    | 438     | 0.02%  | 0.005%  |
| 52 | 7.834  | 1060 | 1062 | 1064 | rBV  | 459    | 452     | 0.02%  | 0.005%  |
| 53 | 7.934  | 1077 | 1079 | 1080 | rBV  | 521    | 413     | 0.02%  | 0.005%  |
| 54 | 8.205  | 1114 | 1125 | 1141 | rVV2 | 332103 | 1002961 | 50.17% | 11.010% |
| 55 | 8.469  | 1166 | 1170 | 1173 | rBV2 | 671    | 1037    | 0.05%  | 0.011%  |
| 56 | 8.499  | 1173 | 1175 | 1177 | rVB  | 828    | 598     | 0.03%  | 0.007%  |
| 57 | 8.599  | 1190 | 1192 | 1195 | rVB2 | 1007   | 609     | 0.03%  | 0.007%  |
| 58 | 8.775  | 1213 | 1222 | 1233 | rBV  | 426364 | 861310  | 43.09% | 9.455%  |
| 59 | 9.110  | 1278 | 1279 | 1282 | rBV2 | 594    | 450     | 0.02%  | 0.005%  |
| 60 | 9.210  | 1286 | 1296 | 1308 | rBV  | 252726 | 522254  | 26.13% | 5.733%  |
| 61 | 9.387  | 1324 | 1326 | 1328 | rBV2 | 779    | 814     | 0.04%  | 0.009%  |
| 62 | 9.434  | 1333 | 1334 | 1336 | rBV2 | 802    | 553     | 0.03%  | 0.006%  |
| 63 | 9.540  | 1349 | 1352 | 1355 | rBV3 | 826    | 1384    | 0.07%  | 0.015%  |
| 64 | 9.610  | 1363 | 1364 | 1367 | rVB2 | 1111   | 726     | 0.04%  | 0.008%  |
| 65 | 9.875  | 1407 | 1409 | 1411 | rBV2 | 575    | 561     | 0.03%  | 0.006%  |
| 66 | 9.981  | 1418 | 1427 | 1436 | rBV  | 113218 | 209688  | 10.49% | 2.302%  |
| 67 | 10.075 | 1440 | 1443 | 1445 | rBV  | 1125   | 1427    | 0.07%  | 0.016%  |
| 68 | 10.122 | 1449 | 1451 | 1453 | rBV2 | 529    | 467     | 0.02%  | 0.005%  |
| 69 | 10.175 | 1458 | 1460 | 1464 | rBV3 | 712    | 784     | 0.04%  | 0.009%  |
| 70 | 10.269 | 1468 | 1476 | 1494 | rVB  | 412751 | 727493  | 36.39% | 7.986%  |
| 71 | 10.528 | 1513 | 1520 | 1530 | rVB  | 74301  | 133626  | 6.68%  | 1.467%  |
| 72 | 10.663 | 1539 | 1543 | 1547 | rVB2 | 3620   | 5328    | 0.27%  | 0.058%  |
| 73 | 10.875 | 1573 | 1579 | 1592 | rBV  | 106826 | 189119  | 9.46%  | 2.076%  |
| 74 | 11.075 | 1611 | 1613 | 1614 | rBV  | 833    | 641     | 0.03%  | 0.007%  |
| 75 | 11.281 | 1646 | 1648 | 1649 | rBV2 | 799    | 491     | 0.02%  | 0.005%  |
| 76 | 11.351 | 1659 | 1660 | 1662 | rBV2 | 1079   | 767     | 0.04%  | 0.008%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076027.D  
 Acq On : 05 May 2023 16:02  
 Operator : KP/SY  
 Sample : 02589-09RE  
 Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREC6RE

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\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.399 | 1666 | 1668 | 1671 | rBV2 | 593    | 648    | 0.03%  | 0.007% |
| 78  | 11.581 | 1692 | 1699 | 1713 | rVB  | 505916 | 859127 | 42.98% | 9.431% |
| 79  | 11.793 | 1733 | 1735 | 1738 | rVB  | 1268   | 1066   | 0.05%  | 0.012% |
| 80  | 11.822 | 1738 | 1740 | 1743 | rBV3 | 893    | 838    | 0.04%  | 0.009% |
|     |        |      |      |      |      |        |        |        |        |
| 81  | 11.951 | 1759 | 1762 | 1763 | rBV  | 627    | 593    | 0.03%  | 0.007% |
| 82  | 11.975 | 1763 | 1766 | 1768 | rVB2 | 798    | 903    | 0.05%  | 0.010% |
| 83  | 11.999 | 1768 | 1770 | 1771 | rBV  | 927    | 606    | 0.03%  | 0.007% |
| 84  | 12.093 | 1784 | 1786 | 1788 | rBV2 | 833    | 579    | 0.03%  | 0.006% |
| 85  | 12.181 | 1799 | 1801 | 1802 | rBV  | 895    | 863    | 0.04%  | 0.009% |
|     |        |      |      |      |      |        |        |        |        |
| 86  | 12.581 | 1864 | 1869 | 1873 | rBV2 | 5957   | 9261   | 0.46%  | 0.102% |
| 87  | 12.651 | 1875 | 1881 | 1890 | rVB  | 211342 | 347236 | 17.37% | 3.812% |
| 88  | 12.716 | 1890 | 1892 | 1894 | rBV  | 676    | 588    | 0.03%  | 0.006% |
| 89  | 12.740 | 1894 | 1896 | 1897 | rVB  | 1043   | 505    | 0.03%  | 0.006% |
| 90  | 13.263 | 1982 | 1985 | 1986 | rVB  | 1142   | 928    | 0.05%  | 0.010% |
|     |        |      |      |      |      |        |        |        |        |
| 91  | 13.434 | 2010 | 2014 | 2016 | rBV2 | 2229   | 2173   | 0.11%  | 0.024% |
| 92  | 13.516 | 2022 | 2028 | 2036 | rBV  | 270659 | 441253 | 22.07% | 4.844% |
| 93  | 13.816 | 2072 | 2079 | 2087 | rVB  | 225938 | 366606 | 18.34% | 4.024% |
| 94  | 14.010 | 2111 | 2112 | 2113 | rBV  | 1138   | 475    | 0.02%  | 0.005% |
| 95  | 14.045 | 2114 | 2118 | 2124 | rVV2 | 8319   | 12122  | 0.61%  | 0.133% |
|     |        |      |      |      |      |        |        |        |        |
| 96  | 14.110 | 2127 | 2129 | 2132 | rBV2 | 1059   | 914    | 0.05%  | 0.010% |
| 97  | 14.334 | 2166 | 2167 | 2168 | rBV  | 1131   | 486    | 0.02%  | 0.005% |
| 98  | 14.887 | 2259 | 2261 | 2262 | rBV2 | 941    | 591    | 0.03%  | 0.006% |
| 99  | 15.763 | 2406 | 2410 | 2411 | rBV2 | 1070   | 1235   | 0.06%  | 0.014% |
| 100 | 16.469 | 2529 | 2530 | 2532 | rBV2 | 1566   | 850    | 0.04%  | 0.009% |

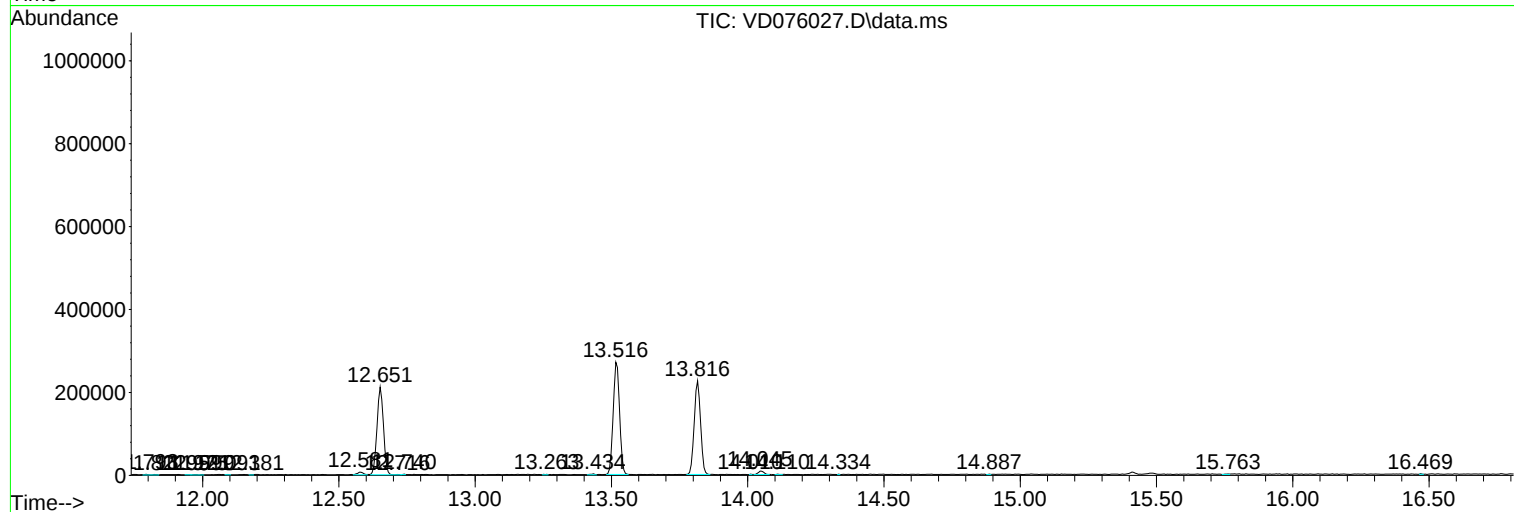
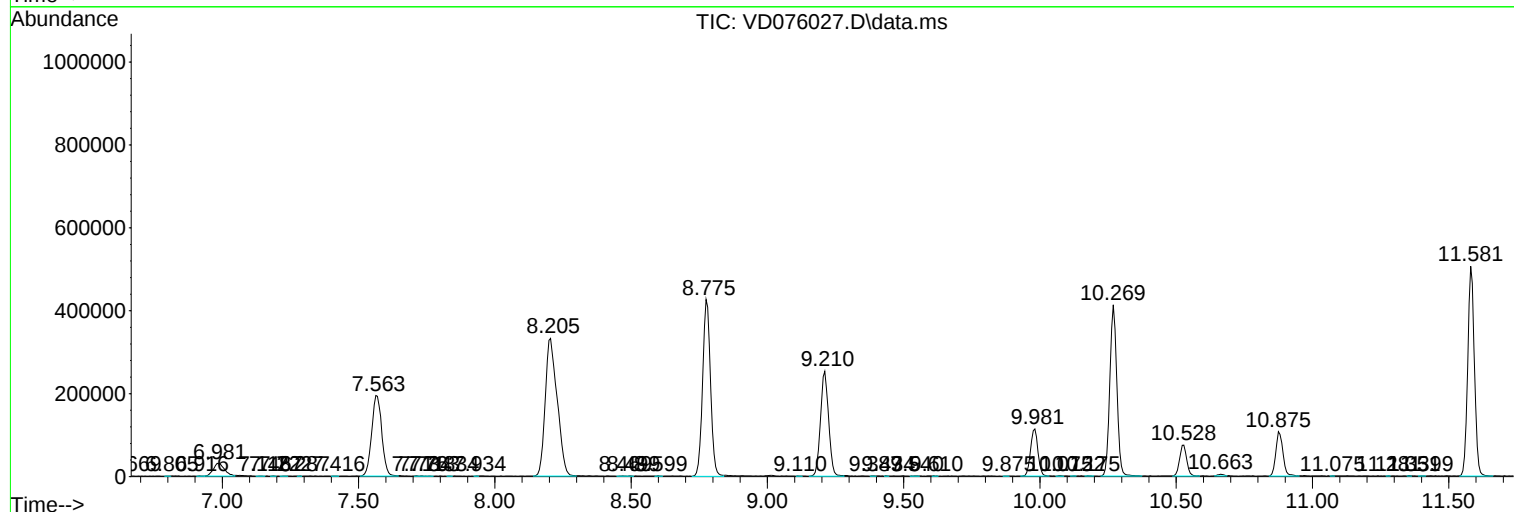
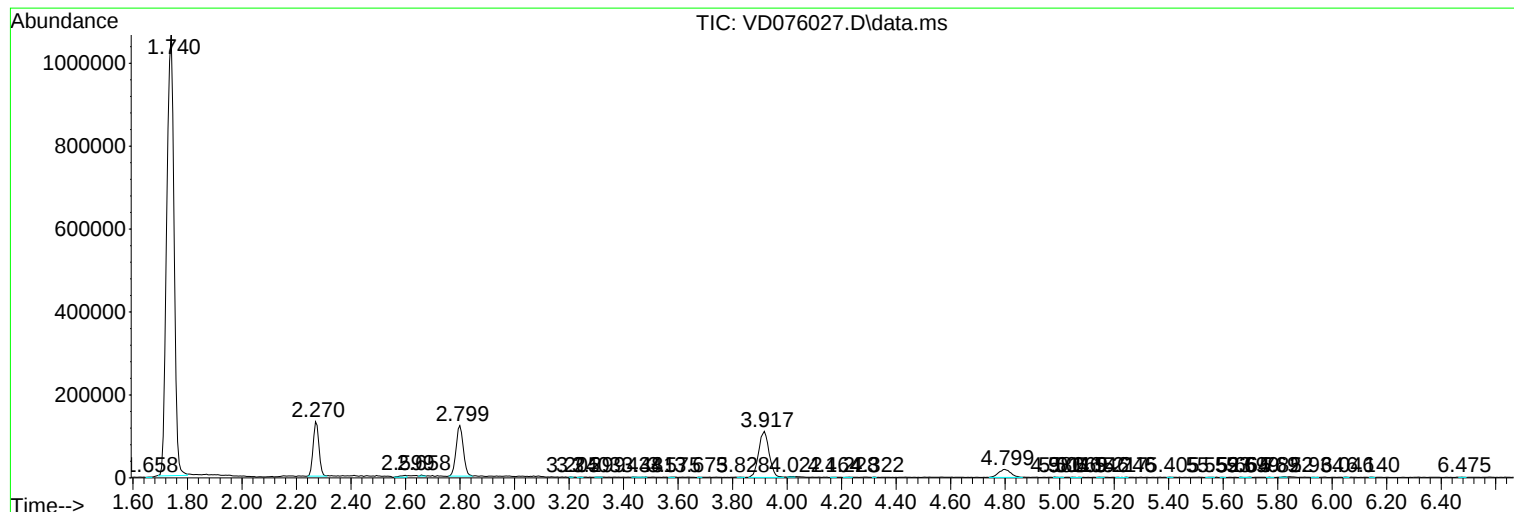
Sum of corrected areas: 9109540

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
Data File : VD076027.D  
Acq On : 05 May 2023 16:02  
Operator : KP/SY  
Sample : 02589-09RE  
Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
JREC6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
Data File : VD076027.D  
Acq On : 05 May 2023 16:02  
Operator : KP/SY  
Sample : 02589-09RE  
Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
JREC6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
Data File : VD076027.D  
Acq On : 05 May 2023 16:02  
Operator : KP/SY  
Sample : 02589-09RE  
Misc : 4.97G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
JREC6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0

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

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