LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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: VD077545.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.699 | 13 | 19 | 20 | rBV | 9870 | 15700 | 0.82% | 0.143% |
| 2 | 1.746 | 20 | 27 | 39 | rVB | 1155846 | 1923823 | 100.00% | 17.523% |
| 3 | 2.281 | 112 | 118 | 125 | rBV | 165839 | 247218 | 12.85% | 2.252% |
| 4 | 2.811 | 202 | 208 | 216 | rBV | 128619 | 240561 | 12.50% | 2.191% |
| 5 | 3.305 | 291 | 292 | 293 | rBV | 1739 | 886 | 0.05% | 0.008% |
| 6 | 3.511 | 325 | 327 | 328 | rVB | 1635 | 701 | 0.04% | 0.006% |
| 7 | 3.528 | 328 | 330 | 333 | rBV2 | 1360 | 1099 | 0.06% | 0.010% |
| 8 | 3.593 | 339 | 341 | 342 | rBV | 1389 | 777 | 0.04% | 0.007% |
| 9 | 3.634 | 346 | 348 | 349 | rBV2 | 1252 | 759 | 0.04% | 0.007% |
| 10 | 3.828 | 380 | 381 | 383 | rBV | 1549 | 1082 | 0.06% | 0.010% |
| 11 | 3.922 | 388 | 397 | 412 | rVV | 166808 | 435887 | 22.66% | 3.970% |
| 12 | 4.105 | 426 | 428 | 430 | rBV | 893 | 830 | 0.04% | 0.008% |
| 13 | 4.175 | 438 | 440 | 441 | rVB | 1323 | 722 | 0.04% | 0.007% |
| 14 | 4.281 | 456 | 458 | 461 | rVB3 | 2278 | 1998 | 0.10% | 0.018% |
| 15 | 4.405 | 477 | 479 | 480 | rBV | 873 | 680 | 0.04% | 0.006% |
| 16 | 4.493 | 490 | 494 | 495 | rVB2 | 1231 | 1364 | 0.07% | 0.012% |
| 17 | 4.558 | 504 | 505 | 508 | rBV | 1481 | 1278 | 0.07% | 0.012% |
| 18 | 4.634 | 516 | 518 | 520 | rVB2 | 1367 | 1284 | 0.07% | 0.012% |
| 19 | 4.675 | 522 | 525 | 526 | rVV | 970 | 919 | 0.05% | 0.008% |
| 20 | 4.811 | 538 | 548 | 557 | rBV3 | 12613 | 41173 | 2.14% | 0.375% |
| 21 | 4.934 | 567 | 569 | 572 | rBV2 | 2081 | 2481 | 0.13% | 0.023% |
| 22 | 5.017 | 581 | 583 | 585 | rBV | 1164 | 1034 | 0.05% | 0.009% |
| 23 | 5.199 | 612 | 614 | 616 | rVV2 | 1010 | 684 | 0.04% | 0.006% |
| 24 | 5.222 | 616 | 618 | 622 | rVB | 1138 | 1462 | 0.08% | 0.013% |
| 25 | 5.381 | 643 | 645 | 647 | rBV2 | 1347 | 1333 | 0.07% | 0.012% |
| 26 | 5.422 | 651 | 652 | 654 | rBV2 | 1189 | 1017 | 0.05% | 0.009% |
| 27 | 5.505 | 664 | 666 | 670 | rVB | 1100 | 1027 | 0.05% | 0.009% |
| 28 | 5.546 | 670 | 673 | 675 | rBV2 | 1297 | 1551 | 0.08% | 0.014% |
| 29 | 5.605 | 681 | 683 | 685 | rBV2 | 1047 | 1009 | 0.05% | 0.009% |
| 30 | 5.711 | 699 | 701 | 705 | rBV3 | 1212 | 1452 | 0.08% | 0.013% |
| 31 | 5.858 | 715 | 726 | 732 | rBV5 | 5529 | 17088 | 0.89% | 0.156% |
| 32 | 5.940 | 737 | 740 | 742 | rVB2 | 1590 | 1721 | 0.09% | 0.016% |
| 33 | 5.969 | 742 | 745 | 746 | rBV | 1179 | 1182 | 0.06% | 0.011% |
| 34 | 6.122 | 769 | 771 | 774 | rBV | 779 | 691 | 0.04% | 0.006% |
| 35 | 6.187 | 780 | 782 | 785 | rVB | 916 | 831 | 0.04% | 0.008% |
| 36 | 6.264 | 793 | 795 | 797 | rVB | 1456 | 1227 | 0.06% | 0.011% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.328 | 802 | 806 | 808 | rVV | 1171 | 1633 | 0.08% | 0.015% |
| 38 | 6.381 | 813 | 815 | 816 | rVB2 | 1344 | 722 | 0.04% | 0.007% |
| 39 | 6.664 | 861 | 863 | 866 | rBV | 1308 | 1016 | 0.05% | 0.009% |
| 40 | 6.716 | 870 | 872 | 874 | rVB2 | 1261 | 1207 | 0.06% | 0.011% |
| 41 | 6.793 | 881 | 885 | 886 | rBV | 915 | 830 | 0.04% | 0.008% |
| 42 | 6.928 | 907 | 908 | 910 | rBV | 1485 | 1172 | 0.06% | 0.011% |
| 43 | 6.993 | 911 | 919 | 926 | rVV | 26843 | 78757 | 4.09% | 0.717% |
| 44 | 7.163 | 946 | 948 | 951 | rBV2 | 1556 | 1869 | 0.10% | 0.017% |
| 45 | 7.311 | 971 | 973 | 974 | rVB | 1251 | 775 | 0.04% | 0.007% |
| 46 | 7.463 | 997 | 999 | 1002 | rVB | 1318 | 1268 | 0.07% | 0.012% |
| 47 | 7.487 | 1002 | 1003 | 1005 | rVB | 1309 | 824 | 0.04% | 0.008% |
| 48 | 7.569 | 1005 | 1017 | 1029 | rBV | 198903 | 509041 | 26.46% | 4.637% |
| 49 | 7.699 | 1037 | 1039 | 1041 | rBV | 1714 | 1834 | 0.10% | 0.017% |
| 50 | 7.828 | 1060 | 1061 | 1065 | rVB | 1411 | 1141 | 0.06% | 0.010% |
| 51 | 7.881 | 1068 | 1070 | 1074 | rBV | 1313 | 1372 | 0.07% | 0.012% |
| 52 | 7.987 | 1086 | 1088 | 1090 | rVB | 1614 | 1034 | 0.05% | 0.009% |
| 53 | 8.022 | 1092 | 1094 | 1095 | rVB2 | 1719 | 791 | 0.04% | 0.007% |
| 54 | 8.205 | 1115 | 1125 | 1140 | rBV2 | 428985 | 1249039 | 64.92% | 11.377% |
| 55 | 8.416 | 1159 | 1161 | 1162 | rBV2 | 1243 | 795 | 0.04% | 0.007% |
| 56 | 8.505 | 1175 | 1176 | 1178 | rVB | 1733 | 1113 | 0.06% | 0.010% |
| 57 | 8.546 | 1180 | 1183 | 1184 | rBV2 | 939 | 959 | 0.05% | 0.009% |
| 58 | 8.658 | 1200 | 1202 | 1205 | rVB | 1453 | 1002 | 0.05% | 0.009% |
| 59 | 8.681 | 1205 | 1206 | 1208 | rBV | 1240 | 687 | 0.04% | 0.006% |
| 60 | 8.705 | 1208 | 1210 | 1212 | rBV | 840 | 691 | 0.04% | 0.006% |
| 61 | 8.781 | 1214 | 1223 | 1236 | rVV | 425017 | 855448 | 44.47% | 7.792% |
| 62 | 9.010 | 1260 | 1262 | 1264 | rVB | 1573 | 895 | 0.05% | 0.008% |
| 63 | 9.146 | 1284 | 1285 | 1287 | rBV | 1825 | 1082 | 0.06% | 0.010% |
| 64 | 9.210 | 1287 | 1296 | 1308 | rVV | 270725 | 578974 | 30.09% | 5.274% |
| 65 | 9.410 | 1328 | 1330 | 1334 | rBV2 | 1063 | 1345 | 0.07% | 0.012% |
| 66 | 9.705 | 1376 | 1380 | 1382 | rBV | 901 | 1134 | 0.06% | 0.010% |
| 67 | 9.728 | 1382 | 1384 | 1385 | rVB | 1427 | 703 | 0.04% | 0.006% |
| 68 | 9.840 | 1402 | 1403 | 1408 | rVB2 | 2141 | 2292 | 0.12% | 0.021% |
| 69 | 9.899 | 1411 | 1413 | 1417 | rVB | 1228 | 1216 | 0.06% | 0.011% |
| 70 | 9.928 | 1417 | 1418 | 1419 | rBV | 1245 | 762 | 0.04% | 0.007% |
| 71 | 9.981 | 1420 | 1427 | 1437 | rVB | 163759 | 303368 | 15.77% | 2.763% |
| 72 | 10.069 | 1440 | 1442 | 1443 | rVB2 | 1504 | 684 | 0.04% | 0.006% |
| 73 | 10.269 | 1468 | 1476 | 1487 | rBV | 575486 | 1048930 | 54.52% | 9.554% |
| 74 | 10.528 | 1513 | 1520 | 1528 | rVB | 107949 | 182291 | 9.48% | 1.660% |
| 75 | 10.663 | 1537 | 1543 | 1550 | rBV2 | 18755 | 34907 | 1.81% | 0.318% |
| 76 | 10.752 | 1556 | 1558 | 1560 | rVB2 | 1524 | 1051 | 0.05% | 0.010% |

LSC Area Percent Report

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Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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 | 10.804 | 1566 | 1567 | 1572 | rBV2 | 1611 | 1838 | 0.10% | 0.017% |
| 78 | 10.881 | 1572 | 1580 | 1586 | rBV | 116191 | 208518 | 10.84% | 1.899% |
| 79 | 11.028 | 1600 | 1605 | 1612 | rBV3 | 18401 | 33906 | 1.76% | 0.309% |
| 80 | 11.110 | 1617 | 1619 | 1620 | rBV2 | 1145 | 954 | 0.05% | 0.009% |
| 81 | 11.175 | 1629 | 1630 | 1633 | rVB2 | 1004 | 687 | 0.04% | 0.006% |
| 82 | 11.210 | 1633 | 1636 | 1638 | rBV | 2110 | 1812 | 0.09% | 0.017% |
| 83 | 11.357 | 1659 | 1661 | 1664 | rBV3 | 1314 | 1435 | 0.07% | 0.013% |
| 84 | 11.581 | 1692 | 1699 | 1713 | rBV | 577355 | 1010323 | 52.52% | 9.202% |
| 85 | 11.775 | 1730 | 1732 | 1733 | rBV | 1272 | 943 | 0.05% | 0.009% |
| 86 | 11.987 | 1765 | 1768 | 1769 | rBV | 1482 | 1378 | 0.07% | 0.013% |
| 87 | 12.128 | 1790 | 1792 | 1793 | rBV | 1573 | 1021 | 0.05% | 0.009% |
| 88 | 12.263 | 1812 | 1815 | 1816 | rVB2 | 1669 | 1157 | 0.06% | 0.011% |
| 89 | 12.281 | 1816 | 1818 | 1821 | rVB | 1240 | 1084 | 0.06% | 0.010% |
| 90 | 12.322 | 1821 | 1825 | 1826 | rBV | 1611 | 1896 | 0.10% | 0.017% |
| 91 | 12.428 | 1841 | 1843 | 1848 | rVB2 | 3449 | 3923 | 0.20% | 0.036% |
| 92 | 12.534 | 1859 | 1861 | 1862 | rBV | 1293 | 719 | 0.04% | 0.007% |
| 93 | 12.575 | 1864 | 1868 | 1874 | rVV3 | 16597 | 27698 | 1.44% | 0.252% |
| 94 | 12.651 | 1874 | 1881 | 1890 | rVB | 158183 | 265082 | 13.78% | 2.414% |
| 95 | 13.022 | 1943 | 1944 | 1947 | rBV2 | 974 | 933 | 0.05% | 0.008% |
| 96 | 13.269 | 1983 | 1986 | 1990 | rVB | 7689 | 8909 | 0.46% | 0.081% |
| 97 | 13.516 | 2022 | 2028 | 2037 | rBV | 529629 | 879568 | 45.72% | 8.011% |
| 98 | 13.816 | 2072 | 2079 | 2087 | rBV | 406898 | 680497 | 35.37% | 6.198% |
| 99 | 14.045 | 2115 | 2118 | 2125 | rVB | 9245 | 12985 | 0.67% | 0.118% |
| 100 | 14.692 | 2226 | 2228 | 2230 | rBV2 | 2277 | 2436 | 0.13% | 0.022% |

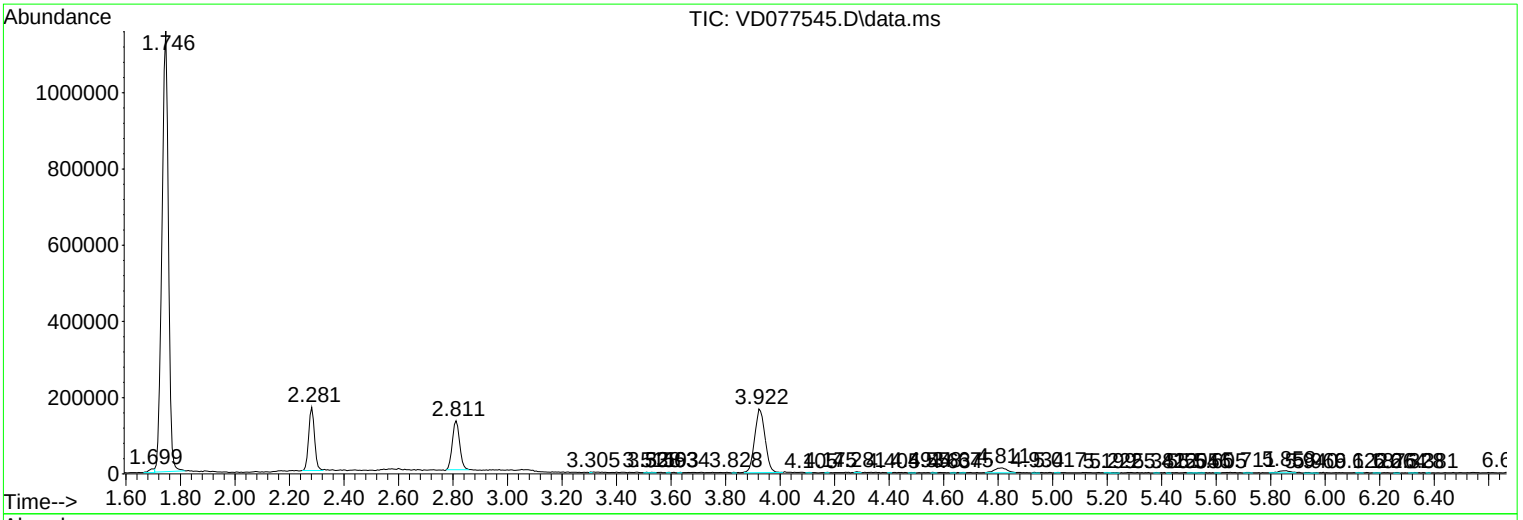
Sum of corrected areas: 10978887

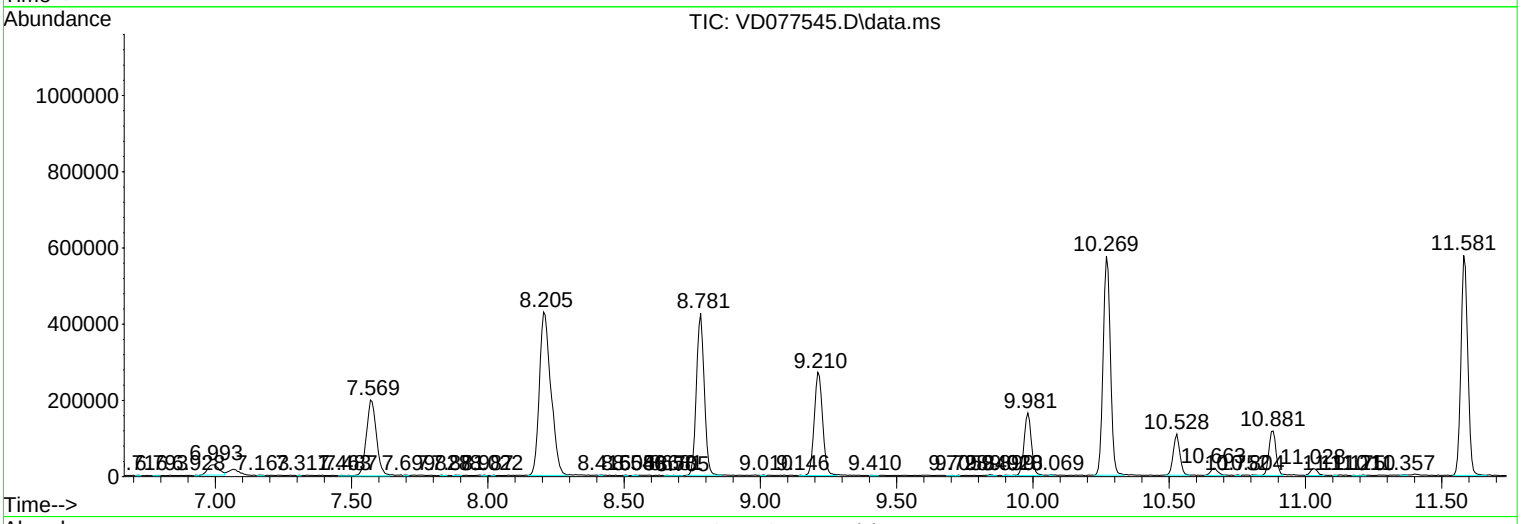
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

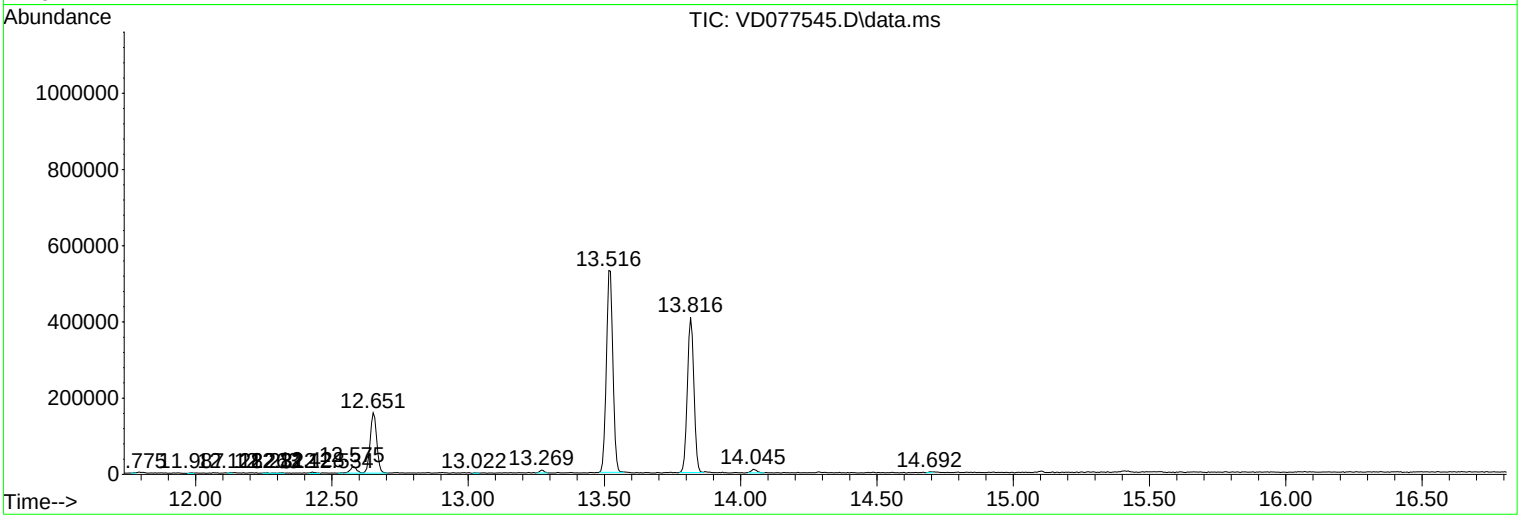
**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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

No Library Search Compounds Detected
**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077545.D
Acq On : 13 Nov 2023 13:28
Operator : JC/SY
Sample : VIBLK114
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VIBLK114

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

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