LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077674.D
Acq On : 22 Nov 2023 16:49
Operator : JC/SY
Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** C0AK0

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: VD077674.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.634 | 4 | 8 | 10 | rBV3 | 670 | 854 | 0.08% | 0.011% |
| 2 | 1.693 | 13 | 18 | 19 | rBV | 4650 | 5917 | 0.59% | 0.074% |
| 3 | 1.740 | 19 | 26 | 40 | rVB | 549161 | 904525 | 89.48% | 11.301% |
| 4 | 2.152 | 91 | 96 | 99 | rBV2 | 3034 | 4696 | 0.46% | 0.059% |
| 5 | 2.275 | 112 | 117 | 125 | rBV | 135424 | 194347 | 19.23% | 2.428% |
| 6 | 2.805 | 201 | 207 | 216 | rVB2 | 112286 | 208471 | 20.62% | 2.605% |
| 7 | 3.246 | 280 | 282 | 285 | rBV2 | 1257 | 1230 | 0.12% | 0.015% |
| 8 | 3.434 | 311 | 314 | 316 | rBV | 1263 | 1050 | 0.10% | 0.013% |
| 9 | 3.469 | 318 | 320 | 322 | rVB2 | 1575 | 1062 | 0.11% | 0.013% |
| 10 | 3.587 | 338 | 340 | 341 | rBV | 932 | 796 | 0.08% | 0.010% |
| 11 | 3.640 | 347 | 349 | 350 | rVV | 1189 | 861 | 0.09% | 0.011% |
| 12 | 3.675 | 354 | 355 | 359 | rBV | 861 | 1110 | 0.11% | 0.014% |
| 13 | 3.763 | 368 | 370 | 374 | rVB2 | 1114 | 1078 | 0.11% | 0.013% |
| 14 | 3.852 | 383 | 385 | 386 | rBV | 986 | 841 | 0.08% | 0.011% |
| 15 | 3.922 | 387 | 397 | 409 | rVB | 116746 | 311550 | 30.82% | 3.892% |
| 16 | 4.193 | 441 | 443 | 444 | rBV | 1157 | 900 | 0.09% | 0.011% |
| 17 | 4.640 | 516 | 519 | 520 | rBV2 | 1300 | 1371 | 0.14% | 0.017% |
| 18 | 4.705 | 528 | 530 | 531 | rBV2 | 1392 | 1018 | 0.10% | 0.013% |
| 19 | 4.734 | 533 | 535 | 537 | rVV2 | 1342 | 1576 | 0.16% | 0.020% |
| 20 | 4.805 | 537 | 547 | 560 | rVB2 | 33938 | 109814 | 10.86% | 1.372% |
| 21 | 5.005 | 578 | 581 | 582 | rBV2 | 844 | 956 | 0.09% | 0.012% |
| 22 | 5.022 | 582 | 584 | 586 | rVV2 | 1324 | 1104 | 0.11% | 0.014% |
| 23 | 5.046 | 586 | 588 | 591 | rVV2 | 1603 | 1734 | 0.17% | 0.022% |
| 24 | 5.075 | 591 | 593 | 598 | rVB2 | 1530 | 2173 | 0.21% | 0.027% |
| 25 | 5.305 | 630 | 632 | 634 | rBV | 769 | 869 | 0.09% | 0.011% |
| 26 | 5.340 | 636 | 638 | 640 | rBV | 1285 | 1267 | 0.13% | 0.016% |
| 27 | 5.363 | 640 | 642 | 647 | rVB | 934 | 1456 | 0.14% | 0.018% |
| 28 | 5.410 | 647 | 650 | 652 | rBV | 729 | 786 | 0.08% | 0.010% |
| 29 | 5.434 | 652 | 654 | 656 | rVB2 | 1145 | 916 | 0.09% | 0.011% |
| 30 | 5.552 | 670 | 674 | 675 | rBV2 | 789 | 967 | 0.10% | 0.012% |
| 31 | 5.569 | 675 | 677 | 679 | rVB2 | 1047 | 824 | 0.08% | 0.010% |
| 32 | 5.587 | 679 | 680 | 683 | rBV2 | 1657 | 1185 | 0.12% | 0.015% |
| 33 | 5.834 | 718 | 722 | 723 | rBV2 | 2406 | 2523 | 0.25% | 0.032% |
| 34 | 5.969 | 744 | 745 | 747 | rBV | 1067 | 867 | 0.09% | 0.011% |
| 35 | 6.116 | 769 | 770 | 773 | rVV3 | 1235 | 946 | 0.09% | 0.012% |
| 36 | 6.275 | 795 | 797 | 800 | rVV | 850 | 950 | 0.09% | 0.012% |

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Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
C0AK0

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 | 6.322 | 804 | 805 | 811 | rBV2 | 665 | 1025 | 0.10% | 0.013% |
| 38 | 6.499 | 832 | 835 | 837 | rBV | 1088 | 1037 | 0.10% | 0.013% |
| 39 | 6.987 | 910 | 918 | 924 | rBV | 26374 | 73381 | 7.26% | 0.917% |
| 40 | 7.222 | 956 | 958 | 962 | rBV | 1151 | 997 | 0.10% | 0.012% |
| 41 | 7.257 | 962 | 964 | 967 | rVB3 | 1101 | 919 | 0.09% | 0.011% |
| 42 | 7.310 | 972 | 973 | 978 | rBV2 | 846 | 1267 | 0.13% | 0.016% |
| 43 | 7.452 | 993 | 997 | 999 | rBV2 | 663 | 789 | 0.08% | 0.010% |
| 44 | 7.475 | 999 | 1001 | 1003 | rBV2 | 794 | 884 | 0.09% | 0.011% |
| 45 | 7.569 | 1006 | 1017 | 1030 | rBV | 170793 | 448382 | 44.36% | 5.602% |
| 46 | 7.810 | 1055 | 1058 | 1062 | rBV2 | 917 | 1516 | 0.15% | 0.019% |
| 47 | 7.993 | 1087 | 1089 | 1092 | rVV2 | 1103 | 824 | 0.08% | 0.010% |
| 48 | 8.204 | 1115 | 1125 | 1139 | rVV2 | 340777 | 1010833 | 100.00% | 12.629% |
| 49 | 8.416 | 1159 | 1161 | 1163 | rVB2 | 1258 | 804 | 0.08% | 0.010% |
| 50 | 8.434 | 1163 | 1164 | 1168 | rVB2 | 954 | 883 | 0.09% | 0.011% |
| 51 | 8.475 | 1168 | 1171 | 1174 | rVB | 823 | 899 | 0.09% | 0.011% |
| 52 | 8.504 | 1174 | 1176 | 1177 | rBV | 905 | 782 | 0.08% | 0.010% |
| 53 | 8.569 | 1185 | 1187 | 1190 | rVB2 | 1642 | 1362 | 0.13% | 0.017% |
| 54 | 8.628 | 1190 | 1197 | 1200 | rBV2 | 1144 | 2207 | 0.22% | 0.028% |
| 55 | 8.775 | 1212 | 1222 | 1233 | rBV | 397252 | 818629 | 80.99% | 10.228% |
| 56 | 9.010 | 1260 | 1262 | 1266 | rVB2 | 1987 | 2132 | 0.21% | 0.027% |
| 57 | 9.081 | 1271 | 1274 | 1275 | rVB3 | 1528 | 1418 | 0.14% | 0.018% |
| 58 | 9.098 | 1275 | 1277 | 1279 | rBV2 | 886 | 978 | 0.10% | 0.012% |
| 59 | 9.210 | 1286 | 1296 | 1306 | rBV | 237835 | 502971 | 49.76% | 6.284% |
| 60 | 9.316 | 1312 | 1314 | 1317 | rVB | 1348 | 955 | 0.09% | 0.012% |
| 61 | 9.340 | 1317 | 1318 | 1320 | rBV | 988 | 788 | 0.08% | 0.010% |
| 62 | 9.416 | 1329 | 1331 | 1334 | rVB2 | 1004 | 1023 | 0.10% | 0.013% |
| 63 | 9.446 | 1334 | 1336 | 1338 | rBV2 | 985 | 935 | 0.09% | 0.012% |
| 64 | 9.981 | 1419 | 1427 | 1436 | rBV | 117549 | 217752 | 21.54% | 2.721% |
| 65 | 10.057 | 1439 | 1440 | 1447 | rBV4 | 1730 | 2416 | 0.24% | 0.030% |
| 66 | 10.110 | 1447 | 1449 | 1451 | rVB2 | 1332 | 900 | 0.09% | 0.011% |
| 67 | 10.151 | 1454 | 1456 | 1458 | rBV2 | 1417 | 1363 | 0.13% | 0.017% |
| 68 | 10.175 | 1458 | 1460 | 1462 | rVB2 | 1300 | 988 | 0.10% | 0.012% |
| 69 | 10.269 | 1468 | 1476 | 1486 | rBV | 422764 | 756400 | 74.83% | 9.450% |
| 70 | 10.528 | 1512 | 1520 | 1529 | rBV | 70187 | 130847 | 12.94% | 1.635% |
| 71 | 10.669 | 1537 | 1544 | 1549 | rBV4 | 11969 | 22242 | 2.20% | 0.278% |
| 72 | 10.763 | 1559 | 1560 | 1562 | rVB | 1419 | 786 | 0.08% | 0.010% |
| 73 | 10.875 | 1573 | 1579 | 1588 | rBV | 105142 | 184268 | 18.23% | 2.302% |
| 74 | 10.963 | 1592 | 1594 | 1595 | rVV | 1622 | 1145 | 0.11% | 0.014% |
| 75 | 11.034 | 1599 | 1606 | 1612 | rBV2 | 20117 | 34067 | 3.37% | 0.426% |
| 76 | 11.398 | 1664 | 1668 | 1673 | rVB3 | 3943 | 6900 | 0.68% | 0.086% |

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Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
C0AK0

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 | 11.440 | 1673 | 1675 | 1678 | rBV2 | 1092 | 784 | 0.08% | 0.010% |
| 78 | 11.498 | 1681 | 1685 | 1686 | rBV2 | 1136 | 1287 | 0.13% | 0.016% |
| 79 | 11.581 | 1692 | 1699 | 1713 | rVB | 490271 | 835876 | 82.69% | 10.443% |
| 80 | 11.681 | 1713 | 1716 | 1720 | rBV3 | 1435 | 2071 | 0.20% | 0.026% |
| 81 | 11.798 | 1733 | 1736 | 1737 | rBV | 1493 | 1063 | 0.11% | 0.013% |
| 82 | 11.892 | 1750 | 1752 | 1755 | rBV2 | 830 | 950 | 0.09% | 0.012% |
| 83 | 11.951 | 1760 | 1762 | 1766 | rBV3 | 729 | 927 | 0.09% | 0.012% |
| 84 | 12.022 | 1772 | 1774 | 1775 | rBV2 | 1196 | 946 | 0.09% | 0.012% |
| 85 | 12.116 | 1788 | 1790 | 1792 | rVV2 | 1569 | 1198 | 0.12% | 0.015% |
| 86 | 12.575 | 1863 | 1868 | 1873 | rVV3 | 11283 | 19082 | 1.89% | 0.238% |
| 87 | 12.651 | 1874 | 1881 | 1888 | rVB | 145758 | 240752 | 23.82% | 3.008% |
| 88 | 12.904 | 1921 | 1924 | 1925 | rBV2 | 1583 | 1554 | 0.15% | 0.019% |
| 89 | 13.339 | 1997 | 1998 | 2000 | rBV | 1164 | 987 | 0.10% | 0.012% |
| 90 | 13.392 | 2005 | 2007 | 2009 | rVB | 1248 | 901 | 0.09% | 0.011% |
| 91 | 13.516 | 2022 | 2028 | 2037 | rBV | 302109 | 490269 | 48.50% | 6.125% |
| 92 | 13.675 | 2053 | 2055 | 2057 | rBV | 1278 | 1105 | 0.11% | 0.014% |
| 93 | 13.816 | 2072 | 2079 | 2088 | rVV | 220367 | 372606 | 36.86% | 4.655% |
| 94 | 13.945 | 2099 | 2101 | 2104 | rBV3 | 1503 | 1474 | 0.15% | 0.018% |
| 95 | 14.045 | 2115 | 2118 | 2123 | rVV4 | 7501 | 11648 | 1.15% | 0.146% |
| 96 | 14.086 | 2123 | 2125 | 2128 | rVB2 | 1803 | 1179 | 0.12% | 0.015% |
| 97 | 14.281 | 2156 | 2158 | 2160 | rBV2 | 1350 | 1015 | 0.10% | 0.013% |
| 98 | 14.704 | 2227 | 2230 | 2232 | rBV3 | 1702 | 2046 | 0.20% | 0.026% |
| 99 | 16.504 | 2534 | 2536 | 2539 | rBV2 | 2170 | 1782 | 0.18% | 0.022% |
| 100 | 16.633 | 2556 | 2558 | 2560 | rVB3 | 2132 | 1250 | 0.12% | 0.016% |

Sum of corrected areas: 8004036

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
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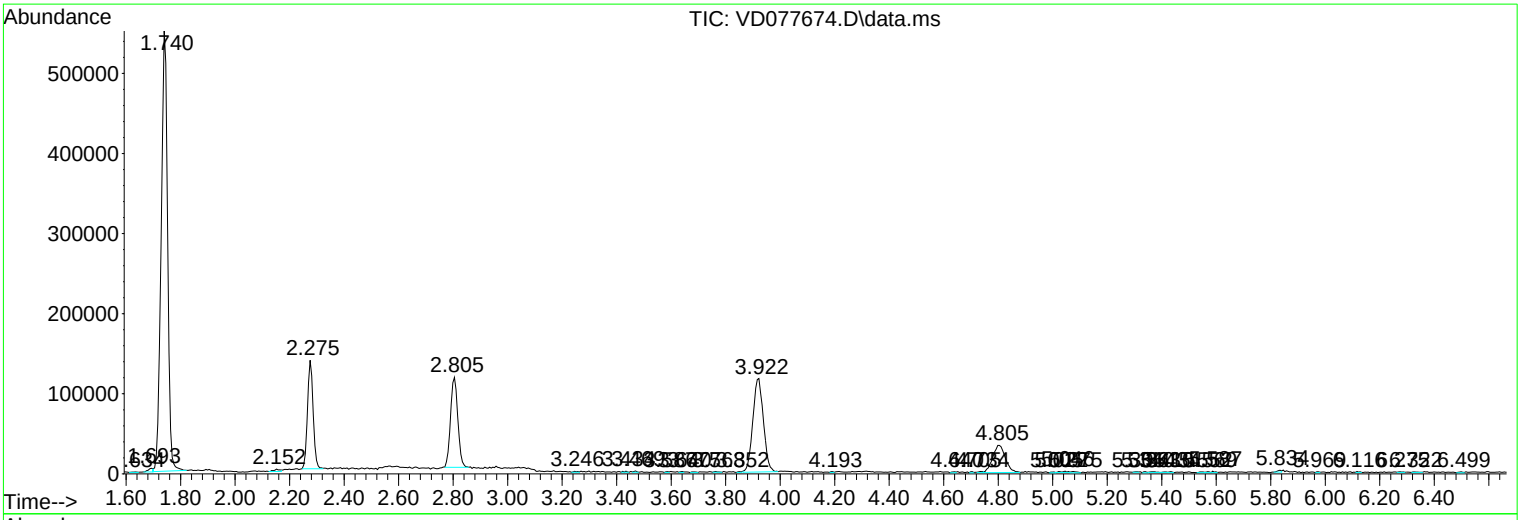
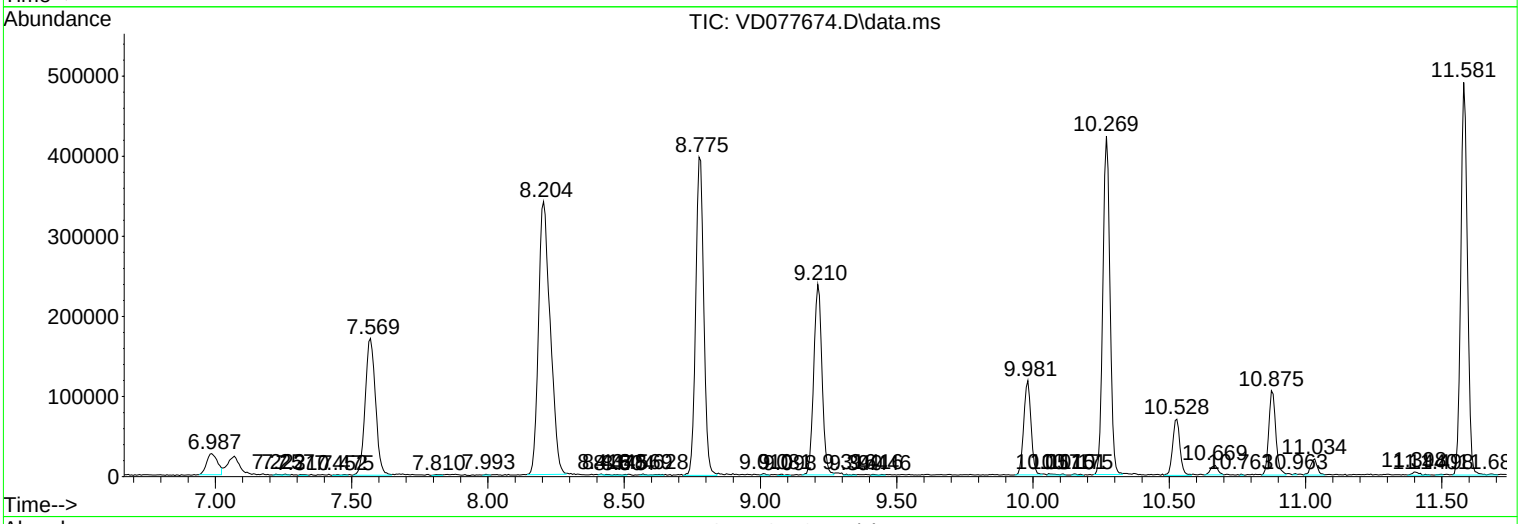
Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

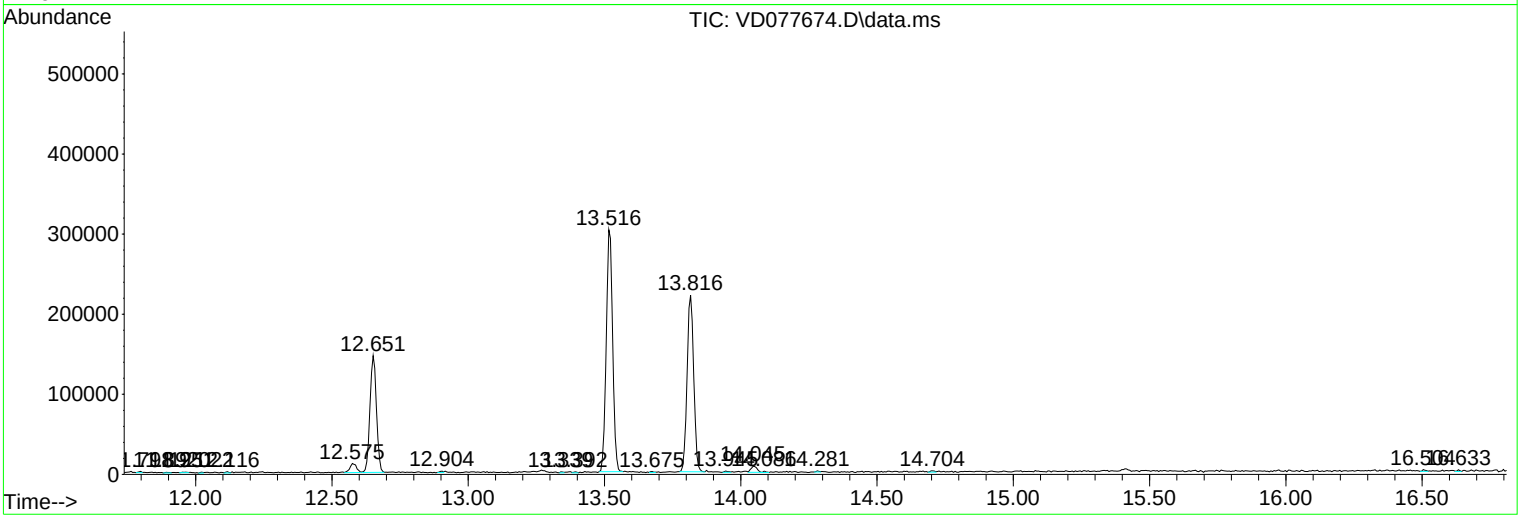
**Instrument :**
MSVOA_D
**ClientSampleId :**
C0AK0

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\VD112223\
Data File : VD077674.D
Acq On : 22 Nov 2023 16:49
Operator : JC/SY
Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
C0AK0

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\VD112223\
Data File : VD077674.D
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Operator : JC/SY
Sample : 05459-14
Misc : 4.21G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
C0AK0

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 |