LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
Data File : VX044339.D
Acq On : 17 Dec 2024 10:26
Operator : JC/MD
Sample : P5235-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AT6

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_X\Method\SFAMXLM120524WMA.M
Title : VOC Analysis

Signal : TIC: VX044339.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.239 | 22 | 25 | 26 | rBV2 | 4688 | 3768 | 0.38% | 0.049% |
| 2 | 1.367 | 42 | 46 | 56 | rBV | 123520 | 131720 | 13.43% | 1.725% |
| 3 | 1.648 | 88 | 92 | 100 | rVB | 107673 | 151145 | 15.41% | 1.979% |
| 4 | 2.300 | 192 | 199 | 209 | rBV | 179730 | 294385 | 30.01% | 3.854% |
| 5 | 2.392 | 210 | 214 | 218 | rVB3 | 3663 | 6292 | 0.64% | 0.082% |
| 6 | 2.501 | 230 | 232 | 235 | rVB3 | 872 | 854 | 0.09% | 0.011% |
| 7 | 2.556 | 237 | 241 | 242 | rBV4 | 683 | 738 | 0.08% | 0.010% |
| 8 | 2.636 | 252 | 254 | 257 | rVB2 | 616 | 551 | 0.06% | 0.007% |
| 9 | 2.660 | 257 | 258 | 261 | rBV3 | 568 | 530 | 0.05% | 0.007% |
| 10 | 2.794 | 274 | 280 | 285 | rVB8 | 1594 | 3236 | 0.33% | 0.042% |
| 11 | 2.940 | 298 | 304 | 315 | rVB | 6134 | 13734 | 1.40% | 0.180% |
| 12 | 3.148 | 336 | 338 | 341 | rVB3 | 638 | 581 | 0.06% | 0.008% |
| 13 | 3.428 | 377 | 384 | 385 | rBV2 | 3087 | 4389 | 0.45% | 0.057% |
| 14 | 3.574 | 406 | 408 | 409 | rBV2 | 809 | 794 | 0.08% | 0.010% |
| 15 | 3.672 | 421 | 424 | 426 | rBV3 | 615 | 683 | 0.07% | 0.009% |
| 16 | 3.721 | 430 | 432 | 435 | rBV3 | 848 | 725 | 0.07% | 0.009% |
| 17 | 3.794 | 440 | 444 | 447 | rBV4 | 622 | 896 | 0.09% | 0.012% |
| 18 | 4.068 | 487 | 489 | 492 | rVB3 | 756 | 697 | 0.07% | 0.009% |
| 19 | 4.233 | 514 | 516 | 519 | rBV4 | 559 | 555 | 0.06% | 0.007% |
| 20 | 4.263 | 519 | 521 | 522 | rBV2 | 549 | 518 | 0.05% | 0.007% |
| 21 | 4.458 | 546 | 553 | 567 | rBV | 66052 | 200528 | 20.44% | 2.626% |
| 22 | 4.940 | 630 | 632 | 636 | rVB2 | 769 | 893 | 0.09% | 0.012% |
| 23 | 4.970 | 636 | 637 | 639 | rBV2 | 885 | 791 | 0.08% | 0.010% |
| 24 | 5.050 | 640 | 650 | 665 | rVV | 133350 | 413403 | 42.14% | 5.413% |
| 25 | 5.300 | 689 | 691 | 694 | rVB2 | 724 | 660 | 0.07% | 0.009% |
| 26 | 5.385 | 702 | 705 | 706 | rBV3 | 955 | 717 | 0.07% | 0.009% |
| 27 | 5.428 | 710 | 712 | 716 | rBV3 | 684 | 997 | 0.10% | 0.013% |
| 28 | 5.537 | 726 | 730 | 731 | rBV3 | 955 | 1241 | 0.13% | 0.016% |
| 29 | 5.684 | 752 | 754 | 758 | rBV3 | 655 | 671 | 0.07% | 0.009% |
| 30 | 5.800 | 772 | 773 | 776 | rVB2 | 664 | 602 | 0.06% | 0.008% |
| 31 | 5.964 | 788 | 800 | 823 | rBV3 | 326759 | 981113 | 100.00% | 12.846% |
| 32 | 6.354 | 857 | 864 | 871 | rBV3 | 6568 | 18046 | 1.84% | 0.236% |
| 33 | 6.671 | 913 | 916 | 919 | rBV3 | 540 | 674 | 0.07% | 0.009% |
| 34 | 6.757 | 921 | 930 | 945 | rBV | 258273 | 617809 | 62.97% | 8.089% |
| 35 | 7.043 | 975 | 977 | 979 | rBV3 | 465 | 531 | 0.05% | 0.007% |
| 36 | 7.110 | 983 | 988 | 990 | rBV4 | 2782 | 4185 | 0.43% | 0.055% |

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Sample : P5235-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AT6

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_X\Method\SFAMXLM120524WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 7.159 | 995 | 996 | 999 | rVB3 | 685 | 560 | 0.06% | 0.007% |
| 38 | 7.305 | 1012 | 1020 | 1031 | rBV | 205437 | 451078 | 45.98% | 5.906% |
| 39 | 7.568 | 1060 | 1063 | 1064 | rBV4 | 483 | 580 | 0.06% | 0.008% |
| 40 | 7.665 | 1073 | 1079 | 1081 | rBV5 | 2697 | 5294 | 0.54% | 0.069% |
| 41 | 7.799 | 1096 | 1101 | 1111 | rBV | 86664 | 159975 | 16.31% | 2.095% |
| 42 | 8.324 | 1181 | 1187 | 1201 | rBV | 120981 | 209307 | 21.33% | 2.740% |
| 43 | 8.549 | 1219 | 1224 | 1233 | rBV | 18949 | 36371 | 3.71% | 0.476% |
| 44 | 8.647 | 1233 | 1240 | 1254 | rVV | 462248 | 716632 | 73.04% | 9.383% |
| 45 | 8.891 | 1278 | 1280 | 1284 | rVB4 | 596 | 716 | 0.07% | 0.009% |
| 46 | 8.951 | 1284 | 1290 | 1298 | rBV2 | 107068 | 170318 | 17.36% | 2.230% |
| 47 | 9.244 | 1331 | 1338 | 1345 | rBV | 28732 | 42514 | 4.33% | 0.557% |
| 48 | 9.384 | 1356 | 1361 | 1373 | rBV | 290710 | 440839 | 44.93% | 5.772% |
| 49 | 9.488 | 1374 | 1378 | 1389 | rVB | 38746 | 58652 | 5.98% | 0.768% |
| 50 | 9.579 | 1390 | 1393 | 1402 | rVB | 19406 | 30188 | 3.08% | 0.395% |
| 51 | 9.915 | 1443 | 1448 | 1456 | rBV | 75753 | 102577 | 10.46% | 1.343% |
| 52 | 10.055 | 1465 | 1471 | 1486 | rVB | 512036 | 720581 | 73.45% | 9.435% |
| 53 | 10.268 | 1505 | 1506 | 1509 | rBV3 | 745 | 523 | 0.05% | 0.007% |
| 54 | 10.293 | 1509 | 1510 | 1517 | rVV5 | 859 | 1473 | 0.15% | 0.019% |
| 55 | 10.348 | 1517 | 1519 | 1521 | rVB3 | 1081 | 774 | 0.08% | 0.010% |
| 56 | 10.439 | 1531 | 1534 | 1535 | rBV2 | 713 | 645 | 0.07% | 0.008% |
| 57 | 10.518 | 1545 | 1547 | 1550 | rBV2 | 919 | 774 | 0.08% | 0.010% |
| 58 | 10.646 | 1565 | 1568 | 1572 | rBV4 | 3000 | 4356 | 0.44% | 0.057% |
| 59 | 11.091 | 1638 | 1641 | 1643 | rBV2 | 384 | 541 | 0.06% | 0.007% |
| 60 | 11.189 | 1652 | 1657 | 1667 | rBV | 366029 | 457224 | 46.60% | 5.986% |
| 61 | 11.402 | 1690 | 1692 | 1694 | rVV2 | 782 | 614 | 0.06% | 0.008% |
| 62 | 11.512 | 1708 | 1710 | 1713 | rBV | 842 | 845 | 0.09% | 0.011% |
| 63 | 11.591 | 1721 | 1723 | 1727 | rBV4 | 477 | 738 | 0.08% | 0.010% |
| 64 | 11.664 | 1732 | 1735 | 1736 | rBV3 | 806 | 817 | 0.08% | 0.011% |
| 65 | 11.805 | 1755 | 1758 | 1760 | rBV2 | 835 | 771 | 0.08% | 0.010% |
| 66 | 11.884 | 1769 | 1771 | 1774 | rBV3 | 444 | 520 | 0.05% | 0.007% |
| 67 | 11.945 | 1777 | 1781 | 1782 | rBV3 | 678 | 800 | 0.08% | 0.010% |
| 68 | 12.018 | 1788 | 1793 | 1803 | rBV | 430548 | 565429 | 57.63% | 7.403% |
| 69 | 12.317 | 1837 | 1842 | 1853 | rBV | 449333 | 571697 | 58.27% | 7.485% |
| 70 | 12.762 | 1913 | 1915 | 1920 | rVB2 | 1149 | 1288 | 0.13% | 0.017% |
| 71 | 12.811 | 1920 | 1923 | 1925 | rBV2 | 507 | 615 | 0.06% | 0.008% |
| 72 | 12.926 | 1941 | 1942 | 1945 | rVB3 | 890 | 666 | 0.07% | 0.009% |
| 73 | 13.012 | 1954 | 1956 | 1961 | rBV3 | 418 | 709 | 0.07% | 0.009% |
| 74 | 13.091 | 1963 | 1969 | 1972 | rVB3 | 530 | 981 | 0.10% | 0.013% |
| 75 | 13.359 | 2010 | 2013 | 2015 | rBV | 540 | 582 | 0.06% | 0.008% |
| 76 | 13.420 | 2019 | 2023 | 2026 | rBV5 | 636 | 724 | 0.07% | 0.009% |

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Sample : P5235-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AT6

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_X\Method\SFAMXLM120524WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.640 | 2055 | 2059 | 2060 | rBV | 1009 | 896 | 0.09% | 0.012% |
| 78 | 13.719 | 2069 | 2072 | 2073 | rBV2 | 646 | 738 | 0.08% | 0.010% |
| 79 | 13.920 | 2104 | 2105 | 2107 | rBV2 | 674 | 634 | 0.06% | 0.008% |
| 80 | 14.127 | 2135 | 2139 | 2143 | rVV3 | 1202 | 1875 | 0.19% | 0.025% |
| 81 | 14.182 | 2143 | 2148 | 2151 | rVV3 | 717 | 1134 | 0.12% | 0.015% |
| 82 | 14.341 | 2173 | 2174 | 2177 | rBV2 | 913 | 980 | 0.10% | 0.013% |
| 83 | 14.426 | 2186 | 2188 | 2190 | rBV3 | 671 | 613 | 0.06% | 0.008% |
| 84 | 14.451 | 2190 | 2192 | 2195 | rBV3 | 819 | 786 | 0.08% | 0.010% |
| 85 | 14.676 | 2228 | 2229 | 2232 | rVB3 | 653 | 529 | 0.05% | 0.007% |
| 86 | 14.700 | 2232 | 2233 | 2236 | rBV3 | 513 | 544 | 0.06% | 0.007% |
| 87 | 14.847 | 2253 | 2257 | 2258 | rBV2 | 614 | 587 | 0.06% | 0.008% |
| 88 | 15.213 | 2315 | 2317 | 2319 | rBV | 681 | 643 | 0.07% | 0.008% |
| 89 | 15.237 | 2319 | 2321 | 2323 | rVB3 | 761 | 670 | 0.07% | 0.009% |
| 90 | 15.274 | 2325 | 2327 | 2331 | rVB2 | 931 | 923 | 0.09% | 0.012% |
| 91 | 15.560 | 2373 | 2374 | 2377 | rBV2 | 601 | 620 | 0.06% | 0.008% |
| 92 | 15.792 | 2410 | 2412 | 2414 | rVB2 | 786 | 616 | 0.06% | 0.008% |
| 93 | 15.956 | 2437 | 2439 | 2443 | rVB3 | 609 | 537 | 0.05% | 0.007% |
| 94 | 16.212 | 2477 | 2481 | 2482 | rBV2 | 915 | 664 | 0.07% | 0.009% |
| 95 | 16.438 | 2516 | 2518 | 2519 | rBV | 1143 | 593 | 0.06% | 0.008% |
| 96 | 16.475 | 2522 | 2524 | 2527 | rVB3 | 735 | 556 | 0.06% | 0.007% |
| 97 | 16.505 | 2527 | 2529 | 2531 | rBV2 | 863 | 636 | 0.06% | 0.008% |
| 98 | 16.645 | 2550 | 2552 | 2554 | rBV2 | 795 | 554 | 0.06% | 0.007% |
| 99 | 16.706 | 2560 | 2562 | 2563 | rBV2 | 628 | 512 | 0.05% | 0.007% |
| 100 | 16.724 | 2563 | 2565 | 2569 | rVB4 | 748 | 859 | 0.09% | 0.011% |

Sum of corrected areas: 7637639

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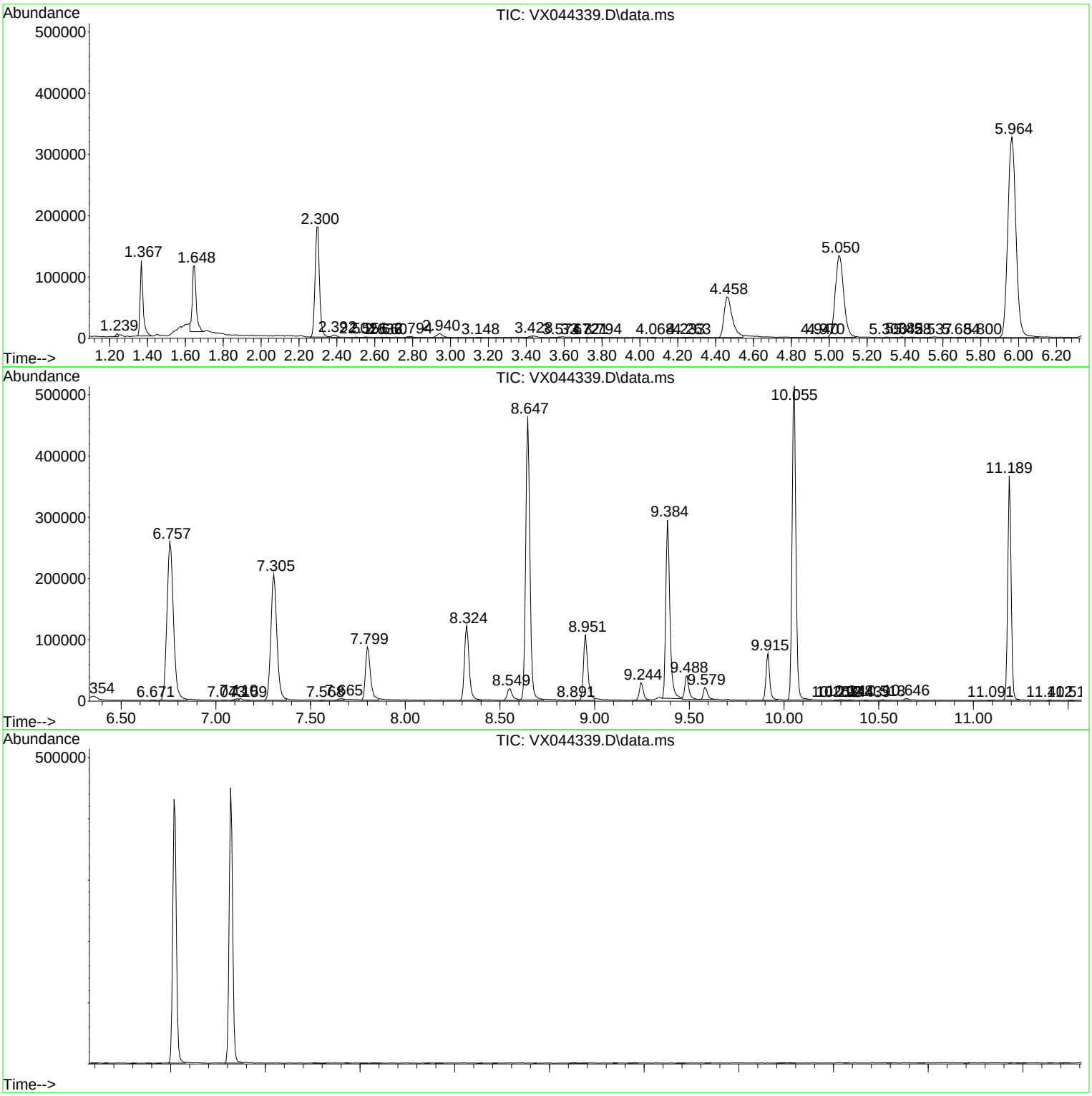
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AT6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
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Acq On : 17 Dec 2024 10:26
Operator : JC/MD
Sample : P5235-07 10X
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ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AT6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

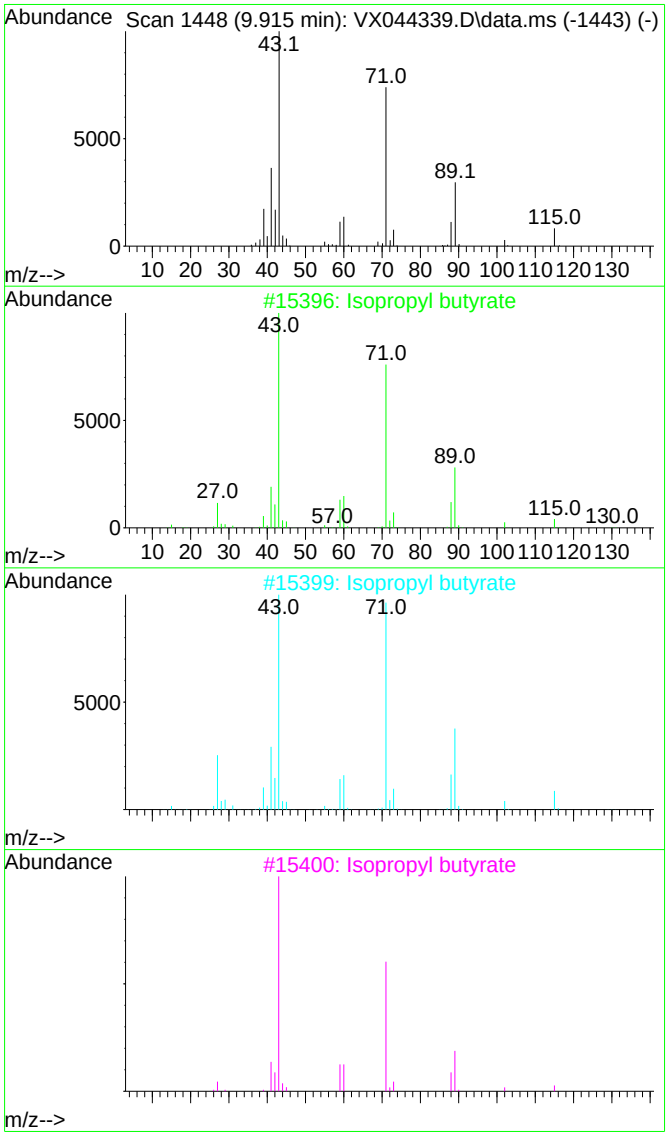
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

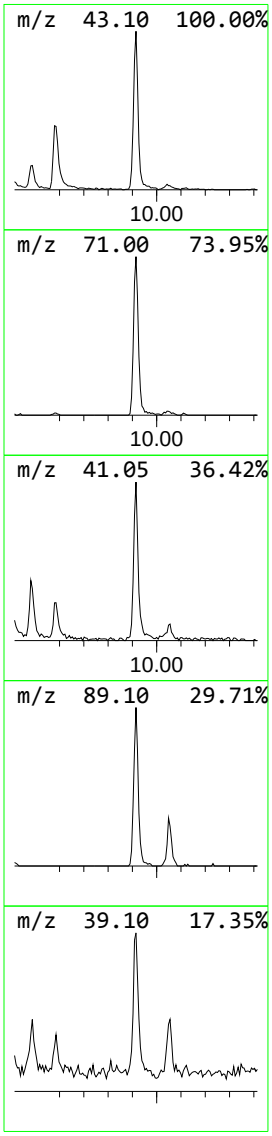
**********

Peak Number 6 Isopropyl butyrate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.915 | 7.12 ug/L | 102577 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 90 |
| 2 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 90 |
| 3 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 83 |
| 4 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 72 |
| 5 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 72 |



Tentatively Identified Compound (LSC) summary

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**Instrument :**
MSVOA_X
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C0AT6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isopropyl butyrate | 9.915 | 7.1 | ug/L | 102577 | 2 | 10.055 | 720581 | 50.0 |