LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037632.D
Acq On : 09 Apr 2020 20:39
Operator : JC/MD
Sample : L1885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

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_U\METHOD\SOMULM040920WMA.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.610 | 77 | 84 | 96 | rBV | 306473 | 331657 | 14.93% | 1.865% |
| 2 | 1.928 | 175 | 183 | 197 | rVB | 245316 | 318022 | 14.32% | 1.788% |
| 3 | 2.591 | 377 | 389 | 402 | rBV | 440341 | 716823 | 32.27% | 4.030% |
| 4 | 2.790 | 440 | 451 | 465 | rBV | 37426 | 66396 | 2.99% | 0.373% |
| 5 | 2.948 | 498 | 500 | 505 | rBV4 | 905 | 808 | 0.04% | 0.005% |
| 6 | 3.067 | 532 | 537 | 540 | rBV4 | 1320 | 1288 | 0.06% | 0.007% |
| 7 | 3.202 | 575 | 579 | 581 | rBV2 | 1692 | 1325 | 0.06% | 0.007% |
| 8 | 3.221 | 581 | 585 | 595 | rVB6 | 3022 | 4342 | 0.20% | 0.024% |
| 9 | 3.317 | 611 | 615 | 618 | rVB3 | 655 | 511 | 0.02% | 0.003% |
| 10 | 3.420 | 641 | 647 | 648 | rBV3 | 1104 | 1000 | 0.05% | 0.006% |
| 11 | 3.662 | 718 | 722 | 724 | rBV2 | 665 | 525 | 0.02% | 0.003% |
| 12 | 3.719 | 736 | 740 | 742 | rBV3 | 765 | 511 | 0.02% | 0.003% |
| 13 | 3.858 | 779 | 783 | 784 | rBV4 | 842 | 475 | 0.02% | 0.003% |
| 14 | 3.877 | 784 | 789 | 794 | rVV6 | 599 | 689 | 0.03% | 0.004% |
| 15 | 3.932 | 803 | 806 | 809 | rBV2 | 753 | 479 | 0.02% | 0.003% |
| 16 | 4.002 | 822 | 828 | 831 | rBV5 | 728 | 818 | 0.04% | 0.005% |
| 17 | 4.134 | 866 | 869 | 872 | rVV2 | 727 | 501 | 0.02% | 0.003% |
| 18 | 4.192 | 885 | 887 | 890 | rVB2 | 986 | 462 | 0.02% | 0.003% |
| 19 | 4.215 | 890 | 894 | 895 | rBV2 | 834 | 593 | 0.03% | 0.003% |
| 20 | 4.443 | 961 | 965 | 972 | rVV5 | 646 | 714 | 0.03% | 0.004% |
| 21 | 4.665 | 1017 | 1034 | 1057 | rBV | 269055 | 631309 | 28.42% | 3.549% |
| 22 | 4.848 | 1086 | 1091 | 1094 | rBV4 | 2376 | 2507 | 0.11% | 0.014% |
| 23 | 4.906 | 1106 | 1109 | 1113 | rVB3 | 870 | 635 | 0.03% | 0.004% |
| 24 | 5.102 | 1154 | 1170 | 1192 | rBV | 379541 | 834337 | 37.56% | 4.691% |
| 25 | 5.324 | 1231 | 1239 | 1240 | rBV4 | 1560 | 1467 | 0.07% | 0.008% |
| 26 | 5.407 | 1263 | 1265 | 1272 | rVV6 | 1097 | 1360 | 0.06% | 0.008% |
| 27 | 5.504 | 1287 | 1295 | 1301 | rBV4 | 594 | 764 | 0.03% | 0.004% |
| 28 | 5.607 | 1325 | 1327 | 1330 | rVB2 | 948 | 457 | 0.02% | 0.003% |
| 29 | 5.629 | 1330 | 1334 | 1336 | rBV3 | 921 | 657 | 0.03% | 0.004% |
| 30 | 5.668 | 1342 | 1346 | 1351 | rBV5 | 699 | 576 | 0.03% | 0.003% |
| 31 | 5.758 | 1351 | 1374 | 1397 | rBV2 | 853614 | 2221293 | 100.00% | 12.488% |
| 32 | 6.195 | 1506 | 1510 | 1517 | rVB5 | 639 | 543 | 0.02% | 0.003% |
| 33 | 6.282 | 1521 | 1537 | 1557 | rBV | 683388 | 1272277 | 57.28% | 7.153% |
| 34 | 6.488 | 1597 | 1601 | 1604 | rBV5 | 842 | 689 | 0.03% | 0.004% |

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Sample : L1885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

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_U\METHOD\SOMULM040920WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.559 | 1610 | 1623 | 1637 | rBV6 | 8325 | 17532 | 0.79% | 0.099% |
| 36 | 6.722 | 1655 | 1674 | 1693 | rBV | 538538 | 1033688 | 46.54% | 5.812% |
| 37 | 6.925 | 1732 | 1737 | 1743 | rBV7 | 889 | 1017 | 0.05% | 0.006% |
| 38 | 7.050 | 1774 | 1776 | 1781 | rVB3 | 808 | 578 | 0.03% | 0.003% |
| 39 | 7.076 | 1781 | 1784 | 1785 | rBV2 | 1034 | 560 | 0.03% | 0.003% |
| 40 | 7.208 | 1816 | 1825 | 1831 | rBV6 | 3227 | 5156 | 0.23% | 0.029% |
| 41 | 7.288 | 1848 | 1850 | 1854 | rVB2 | 937 | 674 | 0.03% | 0.004% |
| 42 | 7.391 | 1877 | 1882 | 1885 | rVV5 | 656 | 509 | 0.02% | 0.003% |
| 43 | 7.510 | 1914 | 1919 | 1922 | rVB4 | 650 | 583 | 0.03% | 0.003% |
| 44 | 7.533 | 1922 | 1926 | 1929 | rBV2 | 704 | 543 | 0.02% | 0.003% |
| 45 | 7.591 | 1929 | 1944 | 1961 | rBV | 331575 | 578933 | 26.06% | 3.255% |
| 46 | 7.703 | 1973 | 1979 | 1984 | rBV8 | 1494 | 2047 | 0.09% | 0.012% |
| 47 | 7.922 | 2030 | 2047 | 2066 | rBV | 1059287 | 1813541 | 81.64% | 10.196% |
| 48 | 8.202 | 2120 | 2134 | 2155 | rBV | 244914 | 401533 | 18.08% | 2.257% |
| 49 | 8.472 | 2215 | 2218 | 2220 | rBV3 | 1065 | 829 | 0.04% | 0.005% |
| 50 | 8.575 | 2238 | 2250 | 2261 | rBV | 107142 | 176347 | 7.94% | 0.991% |
| 51 | 8.655 | 2262 | 2275 | 2304 | rVV | 820956 | 1446162 | 65.10% | 8.131% |
| 52 | 8.915 | 2350 | 2356 | 2358 | rVV4 | 602 | 602 | 0.03% | 0.003% |
| 53 | 8.931 | 2358 | 2361 | 2364 | rVV2 | 1000 | 704 | 0.03% | 0.004% |
| 54 | 8.960 | 2366 | 2370 | 2373 | rVB4 | 736 | 513 | 0.02% | 0.003% |
| 55 | 9.182 | 2437 | 2439 | 2446 | rVB5 | 815 | 728 | 0.03% | 0.004% |
| 56 | 9.269 | 2463 | 2466 | 2472 | rBV3 | 965 | 879 | 0.04% | 0.005% |
| 57 | 9.375 | 2497 | 2499 | 2503 | rVB3 | 682 | 509 | 0.02% | 0.003% |
| 58 | 9.436 | 2503 | 2518 | 2537 | rBV | 953557 | 1566794 | 70.54% | 8.809% |
| 59 | 9.796 | 2627 | 2630 | 2633 | rBV3 | 566 | 506 | 0.02% | 0.003% |
| 60 | 9.864 | 2648 | 2651 | 2655 | rBV3 | 840 | 718 | 0.03% | 0.004% |
| 61 | 9.918 | 2666 | 2668 | 2673 | rBB4 | 757 | 592 | 0.03% | 0.003% |
| 62 | 9.973 | 2682 | 2685 | 2689 | rVB3 | 766 | 591 | 0.03% | 0.003% |
| 63 | 10.015 | 2695 | 2698 | 2705 | rVB4 | 1051 | 1129 | 0.05% | 0.006% |
| 64 | 10.121 | 2724 | 2731 | 2733 | rBV6 | 861 | 1090 | 0.05% | 0.006% |
| 65 | 10.163 | 2742 | 2744 | 2750 | rVB4 | 651 | 570 | 0.03% | 0.003% |
| 66 | 10.250 | 2769 | 2771 | 2774 | rVV3 | 768 | 480 | 0.02% | 0.003% |
| 67 | 10.269 | 2774 | 2777 | 2781 | rVV2 | 569 | 500 | 0.02% | 0.003% |
| 68 | 10.401 | 2812 | 2818 | 2821 | rBV4 | 535 | 583 | 0.03% | 0.003% |
| 69 | 10.468 | 2835 | 2839 | 2845 | rBV5 | 805 | 776 | 0.03% | 0.004% |
| 70 | 10.500 | 2845 | 2849 | 2853 | rBV3 | 1175 | 945 | 0.04% | 0.005% |
| 71 | 10.574 | 2868 | 2872 | 2876 | rBV4 | 1100 | 961 | 0.04% | 0.005% |

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Operator : JC/MD
Sample : L1885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

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_U\METHOD\SOMULM040920WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.671 | 2898 | 2902 | 2907 | rVB5 | 1092 | 1128 | 0.05% | 0.006% |
| 73 | 10.700 | 2907 | 2911 | 2913 | rBV3 | 789 | 707 | 0.03% | 0.004% |
| 74 | 10.774 | 2920 | 2934 | 2948 | rBV | 687865 | 1108885 | 49.92% | 6.234% |
| 75 | 10.902 | 2964 | 2974 | 2981 | rBV7 | 2938 | 5051 | 0.23% | 0.028% |
| 76 | 10.931 | 2981 | 2983 | 2987 | rVV4 | 754 | 465 | 0.02% | 0.003% |
| 77 | 10.960 | 2987 | 2992 | 2996 | rVV4 | 586 | 521 | 0.02% | 0.003% |
| 78 | 11.028 | 3009 | 3013 | 3015 | rBV3 | 638 | 488 | 0.02% | 0.003% |
| 79 | 11.070 | 3023 | 3026 | 3031 | rVB5 | 742 | 649 | 0.03% | 0.004% |
| 80 | 11.124 | 3039 | 3043 | 3045 | rBV4 | 599 | 569 | 0.03% | 0.003% |
| 81 | 11.198 | 3061 | 3066 | 3071 | rBV5 | 823 | 986 | 0.04% | 0.006% |
| 82 | 11.433 | 3132 | 3139 | 3146 | rBV8 | 1222 | 1246 | 0.06% | 0.007% |
| 83 | 11.565 | 3178 | 3180 | 3185 | rBV5 | 647 | 662 | 0.03% | 0.004% |
| 84 | 11.693 | 3215 | 3220 | 3223 | rBV3 | 1025 | 969 | 0.04% | 0.005% |
| 85 | 11.825 | 3248 | 3261 | 3284 | rVB | 985829 | 1547430 | 69.66% | 8.700% |
| 86 | 12.079 | 3330 | 3340 | 3356 | rVV2 | 16250 | 27754 | 1.25% | 0.156% |
| 87 | 12.205 | 3366 | 3379 | 3397 | rVV | 996935 | 1593332 | 71.73% | 8.958% |
| 88 | 12.799 | 3555 | 3564 | 3569 | rBV8 | 1524 | 2242 | 0.10% | 0.013% |
| 89 | 12.912 | 3595 | 3599 | 3602 | rBV4 | 1054 | 987 | 0.04% | 0.006% |
| 90 | 13.024 | 3631 | 3634 | 3638 | rBV3 | 1024 | 668 | 0.03% | 0.004% |
| 91 | 13.160 | 3671 | 3676 | 3681 | rBV5 | 903 | 1069 | 0.05% | 0.006% |
| 92 | 13.243 | 3699 | 3702 | 3707 | rVB5 | 1325 | 1066 | 0.05% | 0.006% |
| 93 | 13.269 | 3707 | 3710 | 3714 | rBV4 | 733 | 739 | 0.03% | 0.004% |
| 94 | 13.378 | 3740 | 3744 | 3747 | rBV3 | 537 | 579 | 0.03% | 0.003% |
| 95 | 13.864 | 3890 | 3895 | 3900 | rBV6 | 1435 | 1757 | 0.08% | 0.010% |
| 96 | 14.114 | 3966 | 3973 | 3981 | rBV4 | 3759 | 5732 | 0.26% | 0.032% |
| 97 | 14.577 | 4114 | 4117 | 4121 | rBV3 | 741 | 641 | 0.03% | 0.004% |
| 98 | 14.619 | 4128 | 4130 | 4136 | rVB4 | 1390 | 1047 | 0.05% | 0.006% |
| 99 | 14.713 | 4157 | 4159 | 4162 | rVB3 | 874 | 461 | 0.02% | 0.003% |
| 100 | 15.626 | 4441 | 4443 | 4446 | rBV | 2500 | 1715 | 0.08% | 0.010% |

Sum of corrected areas: 17786757

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
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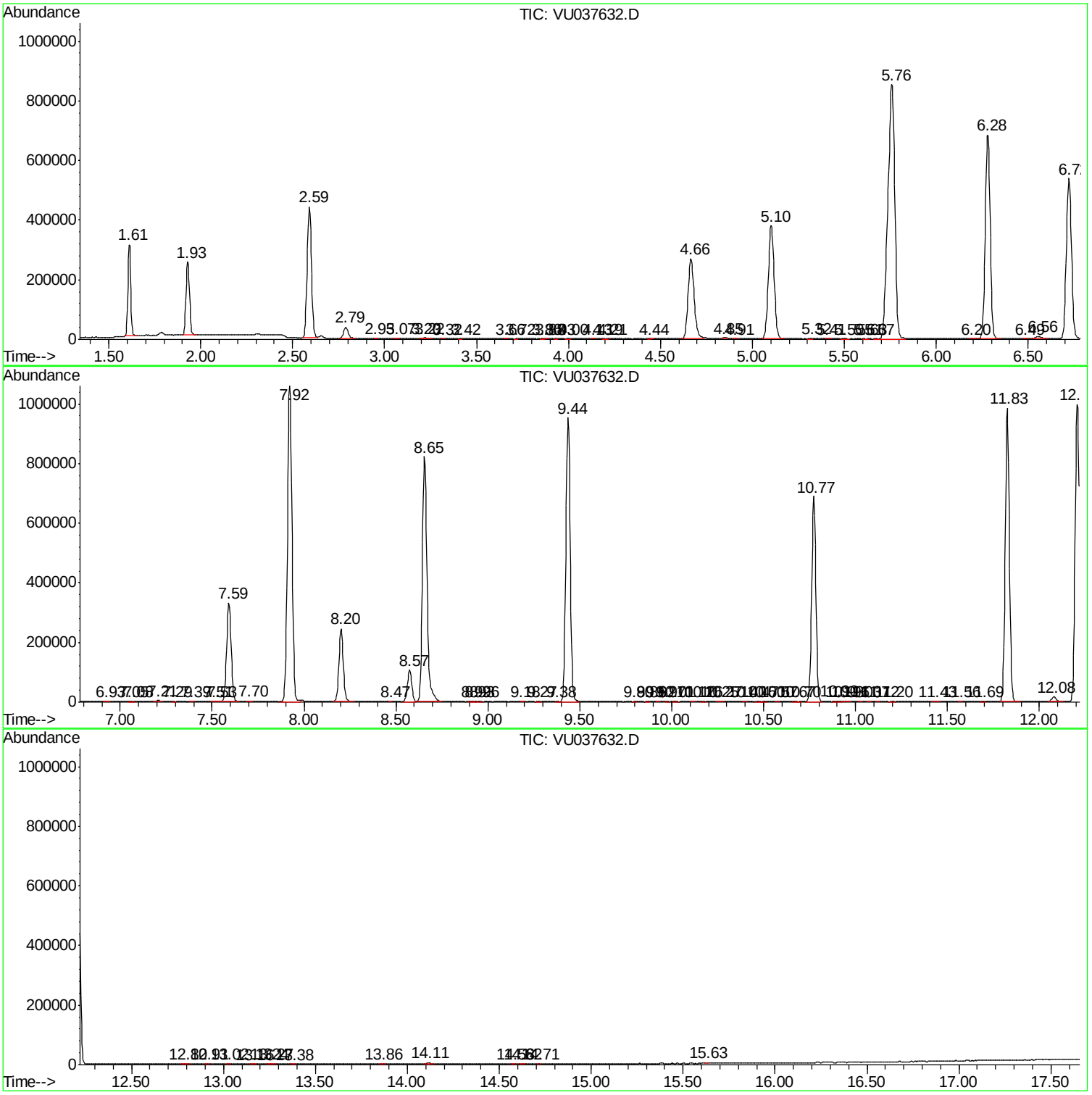
Sample : L1885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037632.D
Acq On : 09 Apr 2020 20:39
Operator : JC/MD
Sample : L1885-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

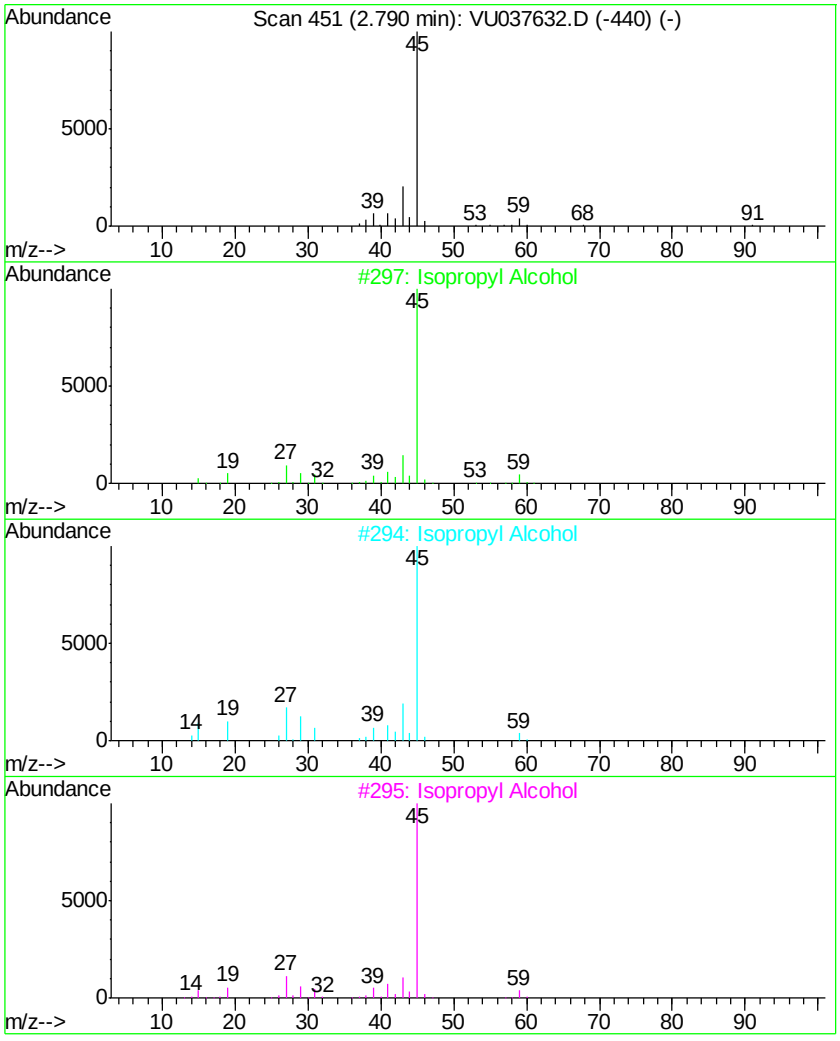
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

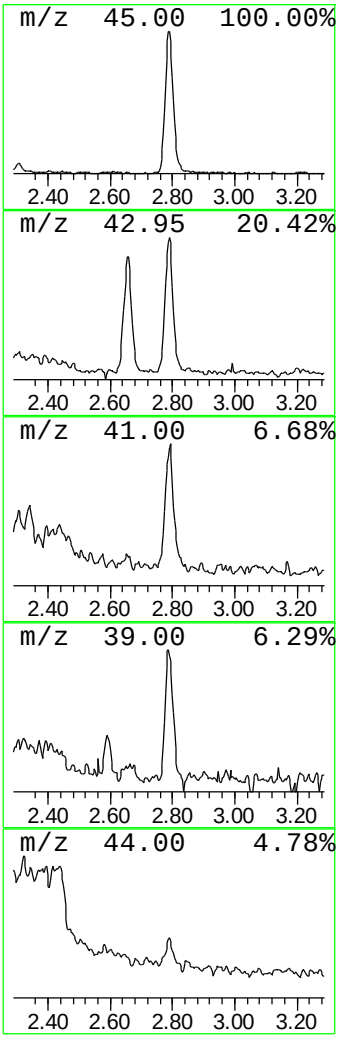
**********

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.79 | 2.61 ug/L | 66396 | 1,4-Difluorobenzene | 6.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 86 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 4 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 43 |
| 5 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037632.D
Acq On : 09 Apr 2020 20:39
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0EW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isopropyl Alcohol | 2.79 | 2.6 | ug/L | 66396 | 1 | 6.28 | 1272280 | 50.0 |