LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** C0AA3

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\SFAMXLM100721WMA.M
Title : VOC Analysis

Signal : TIC: VX024822.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.246 | 23 | 26 | 32 | rBV2 | 5600 | 8831 | 0.95% | 0.123% |
| 2 | 1.367 | 43 | 46 | 55 | rVB | 108282 | 98142 | 10.59% | 1.364% |
| 3 | 1.666 | 91 | 95 | 106 | rVB | 78528 | 96688 | 10.44% | 1.344% |
| 4 | 2.306 | 194 | 200 | 211 | rBV | 170890 | 274436 | 29.62% | 3.814% |
| 5 | 2.550 | 230 | 240 | 249 | rBV | 20177 | 37031 | 4.00% | 0.515% |
| 6 | 2.709 | 264 | 266 | 272 | rVB | 490 | 561 | 0.06% | 0.008% |
| 7 | 2.794 | 274 | 280 | 284 | rBV2 | 838 | 1387 | 0.15% | 0.019% |
| 8 | 2.946 | 299 | 305 | 315 | rVB2 | 2478 | 5618 | 0.61% | 0.078% |
| 9 | 3.044 | 319 | 321 | 324 | rVB2 | 194 | 176 | 0.02% | 0.002% |
| 10 | 3.184 | 343 | 344 | 346 | rBV | 220 | 151 | 0.02% | 0.002% |
| 11 | 3.209 | 346 | 348 | 351 | rBV2 | 204 | 208 | 0.02% | 0.003% |
| 12 | 3.721 | 428 | 432 | 433 | rVV2 | 159 | 197 | 0.02% | 0.003% |
| 13 | 3.898 | 459 | 461 | 464 | rVB2 | 176 | 154 | 0.02% | 0.002% |
| 14 | 4.013 | 478 | 480 | 485 | rVB2 | 155 | 191 | 0.02% | 0.003% |
| 15 | 4.135 | 499 | 500 | 504 | rBV2 | 142 | 199 | 0.02% | 0.003% |
| 16 | 4.178 | 504 | 507 | 508 | rVV2 | 161 | 135 | 0.01% | 0.002% |
| 17 | 4.288 | 522 | 525 | 526 | rBV2 | 148 | 136 | 0.01% | 0.002% |
| 18 | 4.464 | 545 | 554 | 572 | rBV | 80826 | 241120 | 26.03% | 3.351% |
| 19 | 5.068 | 639 | 653 | 670 | rBV | 121307 | 385253 | 41.58% | 5.354% |
| 20 | 5.214 | 675 | 677 | 679 | rVB | 203 | 163 | 0.02% | 0.002% |
| 21 | 5.300 | 689 | 691 | 695 | rBV2 | 105 | 157 | 0.02% | 0.002% |
| 22 | 5.391 | 702 | 706 | 712 | rVB3 | 411 | 876 | 0.09% | 0.012% |
| 23 | 5.678 | 749 | 753 | 755 | rBV | 242 | 251 | 0.03% | 0.003% |
| 24 | 5.763 | 764 | 767 | 768 | rBV2 | 110 | 132 | 0.01% | 0.002% |
| 25 | 5.976 | 789 | 802 | 820 | rBV2 | 318958 | 926476 | 100.00% | 12.876% |
| 26 | 6.226 | 840 | 843 | 844 | rBV2 | 186 | 135 | 0.01% | 0.002% |
| 27 | 6.354 | 862 | 864 | 867 | rVV2 | 210 | 216 | 0.02% | 0.003% |
| 28 | 6.409 | 870 | 873 | 874 | rBV | 204 | 212 | 0.02% | 0.003% |
| 29 | 6.464 | 880 | 882 | 884 | rBV | 307 | 286 | 0.03% | 0.004% |
| 30 | 6.525 | 891 | 892 | 895 | rVB2 | 187 | 132 | 0.01% | 0.002% |
| 31 | 6.549 | 895 | 896 | 898 | rBV | 310 | 157 | 0.02% | 0.002% |
| 32 | 6.592 | 901 | 903 | 908 | rVB2 | 215 | 258 | 0.03% | 0.004% |
| 33 | 6.769 | 920 | 932 | 945 | rBV | 243674 | 573660 | 61.92% | 7.972% |
| 34 | 6.970 | 963 | 965 | 968 | rBV2 | 188 | 199 | 0.02% | 0.003% |
| 35 | 7.001 | 968 | 970 | 972 | rVB | 316 | 175 | 0.02% | 0.002% |
| 36 | 7.019 | 972 | 973 | 978 | rVB3 | 212 | 252 | 0.03% | 0.004% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** C0AA3

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\SFAMXLM100721WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 7.116 | 981 | 989 | 996 | rBV3 | 4915 | 11417 | 1.23% | 0.159% |
| 38 | 7.226 | 1003 | 1007 | 1012 | rBV3 | 813 | 1537 | 0.17% | 0.021% |
| 39 | 7.318 | 1012 | 1022 | 1039 | rVB | 195021 | 424566 | 45.83% | 5.900% |
| 40 | 7.482 | 1045 | 1049 | 1053 | rVB3 | 401 | 670 | 0.07% | 0.009% |
| 41 | 7.690 | 1081 | 1083 | 1084 | rBV2 | 238 | 212 | 0.02% | 0.003% |
| 42 | 7.811 | 1099 | 1103 | 1107 | rVB3 | 675 | 836 | 0.09% | 0.012% |
| 43 | 7.933 | 1119 | 1123 | 1128 | rVV3 | 672 | 1051 | 0.11% | 0.015% |
| 44 | 8.061 | 1142 | 1144 | 1147 | rBV | 292 | 248 | 0.03% | 0.003% |
| 45 | 8.330 | 1181 | 1188 | 1200 | rBV | 128828 | 210475 | 22.72% | 2.925% |
| 46 | 8.653 | 1234 | 1241 | 1248 | rBV | 479249 | 726374 | 78.40% | 10.095% |
| 47 | 8.720 | 1249 | 1252 | 1260 | rVB | 7332 | 10908 | 1.18% | 0.152% |
| 48 | 8.951 | 1285 | 1290 | 1302 | rVB | 100954 | 144587 | 15.61% | 2.009% |
| 49 | 9.116 | 1315 | 1317 | 1319 | rBV2 | 230 | 225 | 0.02% | 0.003% |
| 50 | 9.226 | 1331 | 1335 | 1337 | rBV | 144 | 213 | 0.02% | 0.003% |
| 51 | 9.281 | 1341 | 1344 | 1348 | rBV | 508 | 631 | 0.07% | 0.009% |
| 52 | 9.390 | 1356 | 1362 | 1381 | rBV | 340702 | 514519 | 55.54% | 7.151% |
| 53 | 9.525 | 1381 | 1384 | 1388 | rVB3 | 1425 | 1872 | 0.20% | 0.026% |
| 54 | 9.598 | 1395 | 1396 | 1399 | rBV2 | 165 | 164 | 0.02% | 0.002% |
| 55 | 9.646 | 1402 | 1404 | 1406 | rBV | 168 | 156 | 0.02% | 0.002% |
| 56 | 9.903 | 1443 | 1446 | 1447 | rBV | 185 | 153 | 0.02% | 0.002% |
| 57 | 10.055 | 1465 | 1471 | 1487 | rBV | 511909 | 690181 | 74.50% | 9.592% |
| 58 | 10.195 | 1491 | 1494 | 1499 | rVB2 | 639 | 808 | 0.09% | 0.011% |
| 59 | 10.281 | 1506 | 1508 | 1509 | rBV | 156 | 129 | 0.01% | 0.002% |
| 60 | 10.305 | 1509 | 1512 | 1517 | rVB2 | 907 | 1297 | 0.14% | 0.018% |
| 61 | 10.646 | 1562 | 1568 | 1571 | rBV4 | 579 | 1094 | 0.12% | 0.015% |
| 62 | 10.756 | 1583 | 1586 | 1590 | rBV2 | 209 | 392 | 0.04% | 0.005% |
| 63 | 10.866 | 1601 | 1604 | 1606 | rBV2 | 394 | 396 | 0.04% | 0.006% |
| 64 | 10.963 | 1618 | 1620 | 1624 | rVB2 | 309 | 331 | 0.04% | 0.005% |
| 65 | 11.079 | 1633 | 1639 | 1643 | rBV4 | 599 | 924 | 0.10% | 0.013% |
| 66 | 11.122 | 1643 | 1646 | 1650 | rVV3 | 1179 | 1358 | 0.15% | 0.019% |
| 67 | 11.195 | 1652 | 1658 | 1668 | rBV | 391381 | 485781 | 52.43% | 6.751% |
| 68 | 11.311 | 1675 | 1677 | 1681 | rVB3 | 522 | 464 | 0.05% | 0.006% |
| 69 | 11.378 | 1685 | 1688 | 1689 | rBV3 | 353 | 306 | 0.03% | 0.004% |
| 70 | 11.457 | 1699 | 1701 | 1706 | rVB3 | 434 | 595 | 0.06% | 0.008% |
| 71 | 11.494 | 1706 | 1707 | 1710 | rVB2 | 253 | 154 | 0.02% | 0.002% |
| 72 | 11.610 | 1724 | 1726 | 1729 | rBV2 | 233 | 229 | 0.02% | 0.003% |
| 73 | 11.756 | 1746 | 1750 | 1754 | rBV3 | 1742 | 2367 | 0.26% | 0.033% |
| 74 | 11.847 | 1763 | 1765 | 1766 | rVB | 292 | 158 | 0.02% | 0.002% |
| 75 | 11.896 | 1770 | 1773 | 1775 | rBV2 | 203 | 234 | 0.03% | 0.003% |
| 76 | 11.933 | 1776 | 1779 | 1783 | rVB2 | 957 | 1130 | 0.12% | 0.016% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** C0AA3

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\SFAMXLM100721WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.969 | 1783 | 1785 | 1788 | rBV | 405 | 408 | 0.04% | 0.006% |
| 78 | 12.024 | 1789 | 1794 | 1805 | rVB | 510098 | 626949 | 67.67% | 8.713% |
| 79 | 12.109 | 1805 | 1808 | 1809 | rBV2 | 438 | 476 | 0.05% | 0.007% |
| 80 | 12.128 | 1809 | 1811 | 1812 | rBV | 288 | 152 | 0.02% | 0.002% |
| 81 | 12.225 | 1821 | 1827 | 1830 | rBV5 | 1923 | 2846 | 0.31% | 0.040% |
| 82 | 12.323 | 1837 | 1843 | 1857 | rVB | 532207 | 663830 | 71.65% | 9.226% |
| 83 | 12.481 | 1866 | 1869 | 1870 | rBV2 | 254 | 217 | 0.02% | 0.003% |
| 84 | 12.859 | 1928 | 1931 | 1935 | rBV3 | 2203 | 2527 | 0.27% | 0.035% |
| 85 | 12.963 | 1946 | 1948 | 1949 | rVB2 | 221 | 141 | 0.02% | 0.002% |
| 86 | 13.097 | 1968 | 1970 | 1971 | rBV | 254 | 172 | 0.02% | 0.002% |
| 87 | 13.115 | 1971 | 1973 | 1977 | rVV2 | 295 | 300 | 0.03% | 0.004% |
| 88 | 13.182 | 1980 | 1984 | 1987 | rBV2 | 210 | 376 | 0.04% | 0.005% |
| 89 | 13.420 | 2020 | 2023 | 2025 | rBV2 | 224 | 307 | 0.03% | 0.004% |
| 90 | 13.524 | 2038 | 2040 | 2042 | rVB | 138 | 128 | 0.01% | 0.002% |
| 91 | 13.591 | 2049 | 2051 | 2054 | rBV2 | 324 | 444 | 0.05% | 0.006% |
| 92 | 13.676 | 2061 | 2065 | 2066 | rVB2 | 157 | 157 | 0.02% | 0.002% |
| 93 | 13.786 | 2078 | 2083 | 2085 | rBV3 | 297 | 386 | 0.04% | 0.005% |
| 94 | 13.963 | 2110 | 2112 | 2116 | rVB2 | 343 | 303 | 0.03% | 0.004% |
| 95 | 14.103 | 2133 | 2135 | 2137 | rBV | 275 | 270 | 0.03% | 0.004% |
| 96 | 14.213 | 2151 | 2153 | 2155 | rVV | 302 | 193 | 0.02% | 0.003% |
| 97 | 14.383 | 2178 | 2181 | 2183 | rBV3 | 187 | 200 | 0.02% | 0.003% |
| 98 | 15.554 | 2371 | 2373 | 2376 | rVB2 | 329 | 372 | 0.04% | 0.005% |
| 99 | 15.597 | 2376 | 2380 | 2381 | rBV | 384 | 491 | 0.05% | 0.007% |
| 100 | 15.804 | 2412 | 2414 | 2416 | rBV2 | 393 | 401 | 0.04% | 0.006% |

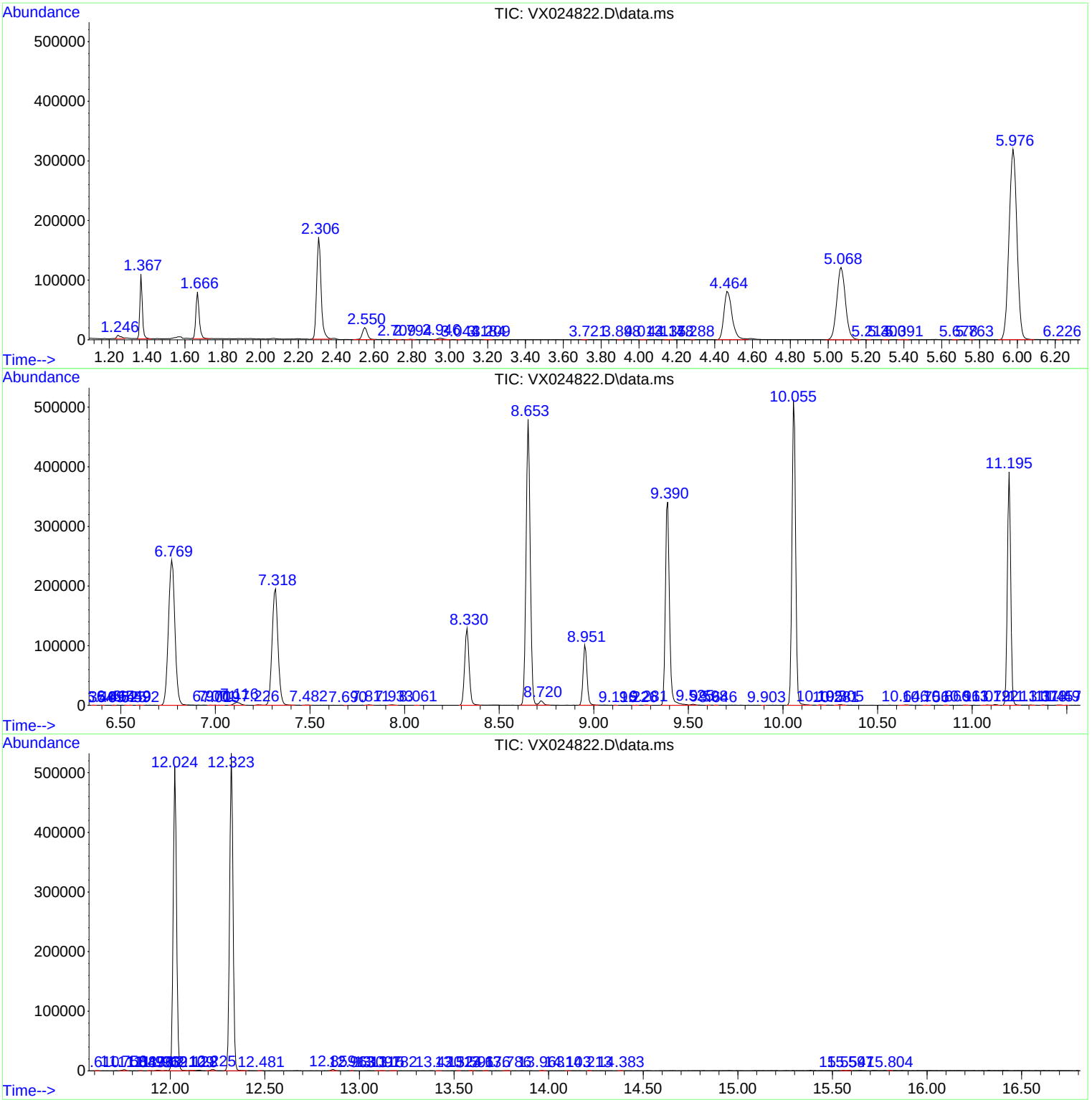
Sum of corrected areas: 7195539

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AA3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AA3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis

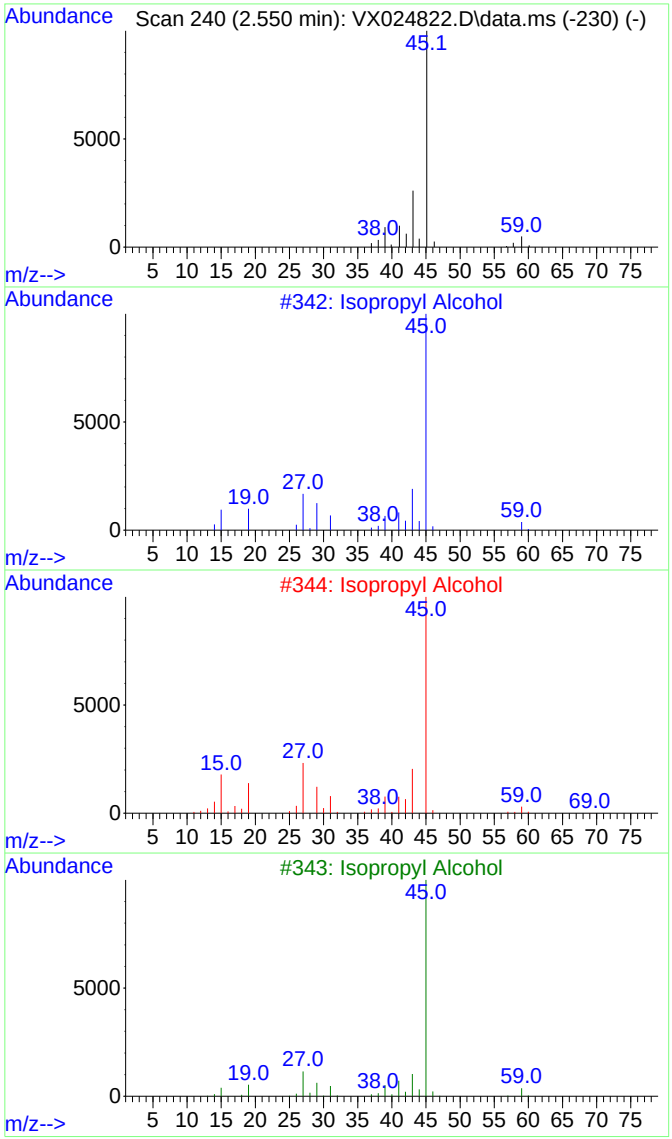
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

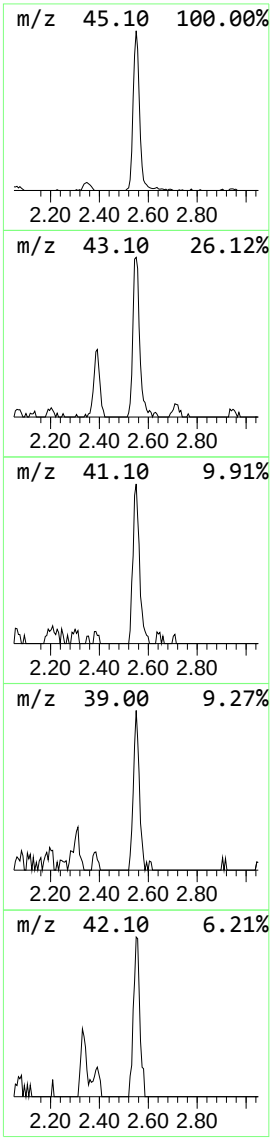
**********

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.550 | 3.23 ug/L | 37031 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 83 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 4 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 64 |
| 5 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024822.D
Acq On : 14 Oct 2021 19:19
Operator : JC/MD
Sample : M4103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** C0AA3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.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 Alcohol | 2.550 | 3.2 | ug/L | 37031 | 1 | 6.769 | 573660 | 50.0 |