LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040975.D
Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MC0R53

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\SFAMXLM041024WMA.M
Title : VOC Analysis

Signal : TIC: VX040975.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.258 | 22 | 28 | 32 | rBV2 | 22193 | 34046 | 1.10% | 0.234% |
| 2 | 1.368 | 43 | 46 | 55 | rVB | 142457 | 151178 | 4.88% | 1.039% |
| 3 | 1.672 | 91 | 96 | 114 | rVB | 98533 | 152325 | 4.91% | 1.047% |
| 4 | 2.306 | 193 | 200 | 209 | rBV | 247982 | 386624 | 12.47% | 2.658% |
| 5 | 2.373 | 209 | 211 | 220 | rVB2 | 2354 | 4143 | 0.13% | 0.028% |
| 6 | 2.465 | 221 | 226 | 227 | rBV4 | 612 | 979 | 0.03% | 0.007% |
| 7 | 2.532 | 231 | 237 | 254 | rBV | 105135 | 192614 | 6.21% | 1.324% |
| 8 | 2.788 | 276 | 279 | 283 | rVB5 | 826 | 1172 | 0.04% | 0.008% |
| 9 | 2.940 | 298 | 304 | 305 | rBV5 | 1046 | 1493 | 0.05% | 0.010% |
| 10 | 3.050 | 318 | 322 | 324 | rBV4 | 288 | 392 | 0.01% | 0.003% |
| 11 | 3.117 | 324 | 333 | 343 | rVV | 20253 | 47944 | 1.55% | 0.330% |
| 12 | 3.239 | 350 | 353 | 356 | rBV3 | 264 | 378 | 0.01% | 0.003% |
| 13 | 3.605 | 406 | 413 | 415 | rBV4 | 486 | 725 | 0.02% | 0.005% |
| 14 | 4.306 | 526 | 528 | 531 | rVB4 | 309 | 366 | 0.01% | 0.003% |
| 15 | 4.458 | 544 | 553 | 579 | rBV2 | 76266 | 251202 | 8.10% | 1.727% |
| 16 | 4.776 | 602 | 605 | 608 | rBV2 | 258 | 290 | 0.01% | 0.002% |
| 17 | 5.056 | 638 | 651 | 669 | rBV | 148398 | 466865 | 15.06% | 3.209% |
| 18 | 5.379 | 700 | 704 | 705 | rVV | 586 | 744 | 0.02% | 0.005% |
| 19 | 5.397 | 705 | 707 | 714 | rVB5 | 851 | 1468 | 0.05% | 0.010% |
| 20 | 5.483 | 716 | 721 | 724 | rVV4 | 284 | 577 | 0.02% | 0.004% |
| 21 | 5.556 | 726 | 733 | 742 | rVB3 | 1252 | 3336 | 0.11% | 0.023% |
| 22 | 5.970 | 789 | 801 | 806 | rBV2 | 386814 | 1121697 | 36.19% | 7.710% |
| 23 | 6.037 | 807 | 812 | 842 | rVB | 456442 | 1204951 | 38.88% | 8.283% |
| 24 | 6.330 | 852 | 860 | 869 | rVB4 | 3302 | 9650 | 0.31% | 0.066% |
| 25 | 6.543 | 894 | 895 | 900 | rVB4 | 379 | 525 | 0.02% | 0.004% |
| 26 | 6.763 | 920 | 931 | 949 | rBV | 295967 | 715741 | 23.09% | 4.920% |
| 27 | 7.117 | 983 | 989 | 999 | rVB8 | 1650 | 4335 | 0.14% | 0.030% |
| 28 | 7.306 | 1011 | 1020 | 1039 | rBV | 227661 | 503903 | 16.26% | 3.464% |
| 29 | 7.488 | 1046 | 1050 | 1056 | rVB3 | 855 | 1483 | 0.05% | 0.010% |
| 30 | 7.708 | 1082 | 1086 | 1089 | rBV2 | 220 | 336 | 0.01% | 0.002% |
| 31 | 7.799 | 1098 | 1101 | 1103 | rBV2 | 303 | 381 | 0.01% | 0.003% |
| 32 | 7.885 | 1111 | 1115 | 1117 | rBV3 | 253 | 435 | 0.01% | 0.003% |
| 33 | 7.940 | 1122 | 1124 | 1126 | rBV | 465 | 360 | 0.01% | 0.002% |
| 34 | 7.970 | 1128 | 1129 | 1132 | rVB2 | 405 | 359 | 0.01% | 0.002% |
| 35 | 8.007 | 1132 | 1135 | 1140 | rBV3 | 296 | 453 | 0.01% | 0.003% |
| 36 | 8.263 | 1175 | 1177 | 1179 | rBV2 | 258 | 313 | 0.01% | 0.002% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040975.D
Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MC0R53

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\SFAMXLM041024WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.324 | 1181 | 1187 | 1199 | rBV | 157295 | 263333 | 8.50% | 1.810% |
| 38 | 8.494 | 1213 | 1215 | 1218 | rBV2 | 320 | 396 | 0.01% | 0.003% |
| 39 | 8.580 | 1225 | 1229 | 1232 | rVB3 | 408 | 625 | 0.02% | 0.004% |
| 40 | 8.647 | 1234 | 1240 | 1260 | rBV | 610250 | 985993 | 31.81% | 6.778% |
| 41 | 8.952 | 1284 | 1290 | 1300 | rBV | 115831 | 174745 | 5.64% | 1.201% |
| 42 | 9.147 | 1318 | 1322 | 1323 | rBV2 | 443 | 558 | 0.02% | 0.004% |
| 43 | 9.220 | 1331 | 1334 | 1337 | rBV4 | 202 | 296 | 0.01% | 0.002% |
| 44 | 9.275 | 1337 | 1343 | 1350 | rVB | 12226 | 18873 | 0.61% | 0.130% |
| 45 | 9.384 | 1356 | 1361 | 1380 | rBV2 | 346605 | 540682 | 17.44% | 3.717% |
| 46 | 9.903 | 1444 | 1446 | 1447 | rBV2 | 425 | 292 | 0.01% | 0.002% |
| 47 | 9.921 | 1447 | 1449 | 1451 | rVB2 | 408 | 357 | 0.01% | 0.002% |
| 48 | 10.079 | 1465 | 1475 | 1491 | rBV2 | 1667227 | 3099475 | 100.00% | 21.305% |
| 49 | 10.195 | 1492 | 1494 | 1499 | rVB4 | 1674 | 2215 | 0.07% | 0.015% |
| 50 | 10.305 | 1509 | 1512 | 1516 | rBV3 | 1346 | 2120 | 0.07% | 0.015% |
| 51 | 10.335 | 1516 | 1517 | 1521 | rVV4 | 636 | 740 | 0.02% | 0.005% |
| 52 | 10.653 | 1565 | 1569 | 1570 | rBV3 | 564 | 717 | 0.02% | 0.005% |
| 53 | 10.829 | 1595 | 1598 | 1601 | rBV3 | 268 | 364 | 0.01% | 0.003% |
| 54 | 10.970 | 1617 | 1621 | 1624 | rBV3 | 915 | 1328 | 0.04% | 0.009% |
| 55 | 11.085 | 1636 | 1640 | 1649 | rBV2 | 4676 | 7145 | 0.23% | 0.049% |
| 56 | 11.189 | 1652 | 1657 | 1668 | rVV | 448502 | 569158 | 18.36% | 3.912% |
| 57 | 11.311 | 1672 | 1677 | 1683 | rVB | 18780 | 26677 | 0.86% | 0.183% |
| 58 | 11.360 | 1683 | 1685 | 1686 | rBV | 337 | 316 | 0.01% | 0.002% |
| 59 | 11.427 | 1692 | 1696 | 1698 | rBV3 | 177 | 334 | 0.01% | 0.002% |
| 60 | 11.451 | 1698 | 1700 | 1705 | rVB4 | 1118 | 1466 | 0.05% | 0.010% |
| 61 | 11.610 | 1723 | 1726 | 1727 | rBV2 | 289 | 298 | 0.01% | 0.002% |
| 62 | 11.713 | 1740 | 1743 | 1745 | rVB2 | 715 | 707 | 0.02% | 0.005% |
| 63 | 11.756 | 1745 | 1750 | 1755 | rBV4 | 1262 | 2226 | 0.07% | 0.015% |
| 64 | 11.823 | 1759 | 1761 | 1763 | rVB2 | 428 | 284 | 0.01% | 0.002% |
| 65 | 11.854 | 1763 | 1766 | 1768 | rBV3 | 389 | 451 | 0.01% | 0.003% |
| 66 | 11.902 | 1768 | 1774 | 1775 | rBV5 | 765 | 1308 | 0.04% | 0.009% |
| 67 | 11.933 | 1777 | 1779 | 1780 | rBV | 590 | 446 | 0.01% | 0.003% |
| 68 | 11.969 | 1780 | 1785 | 1789 | rBV | 32701 | 44679 | 1.44% | 0.307% |
| 69 | 12.036 | 1789 | 1796 | 1806 | rVB2 | 973893 | 2006487 | 64.74% | 13.792% |
| 70 | 12.225 | 1825 | 1827 | 1831 | rBV3 | 1540 | 2206 | 0.07% | 0.015% |
| 71 | 12.323 | 1837 | 1843 | 1852 | rBV2 | 804868 | 1415745 | 45.68% | 9.732% |
| 72 | 12.762 | 1910 | 1915 | 1920 | rVB | 5126 | 6678 | 0.22% | 0.046% |
| 73 | 12.920 | 1939 | 1941 | 1945 | rBV2 | 333 | 407 | 0.01% | 0.003% |
| 74 | 12.994 | 1949 | 1953 | 1955 | rBV2 | 352 | 365 | 0.01% | 0.003% |
| 75 | 13.036 | 1955 | 1960 | 1963 | rVB2 | 308 | 421 | 0.01% | 0.003% |
| 76 | 13.103 | 1965 | 1971 | 1979 | rBV2 | 9276 | 15140 | 0.49% | 0.104% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
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Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MC0R53

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\SFAMXLM041024WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.201 | 1986 | 1987 | 1991 | rVB2 | 255 | 320 | 0.01% | 0.002% |
| 78 | 13.280 | 1998 | 2000 | 2004 | rVB3 | 370 | 478 | 0.02% | 0.003% |
| 79 | 13.591 | 2046 | 2051 | 2058 | rBV | 45646 | 62721 | 2.02% | 0.431% |
| 80 | 13.670 | 2062 | 2064 | 2067 | rVB2 | 368 | 316 | 0.01% | 0.002% |
| 81 | 13.780 | 2076 | 2082 | 2086 | rBV | 1533 | 2230 | 0.07% | 0.015% |
| 82 | 13.963 | 2107 | 2112 | 2118 | rBV2 | 4498 | 6102 | 0.20% | 0.042% |
| 83 | 14.127 | 2135 | 2139 | 2146 | rVB | 3893 | 5454 | 0.18% | 0.037% |
| 84 | 14.207 | 2150 | 2152 | 2156 | rVB2 | 272 | 316 | 0.01% | 0.002% |
| 85 | 14.243 | 2156 | 2158 | 2160 | rBV | 404 | 384 | 0.01% | 0.003% |
| 86 | 14.274 | 2160 | 2163 | 2165 | rBV3 | 300 | 364 | 0.01% | 0.003% |
| 87 | 14.323 | 2170 | 2171 | 2175 | rVB2 | 289 | 288 | 0.01% | 0.002% |
| 88 | 14.359 | 2175 | 2177 | 2180 | rBV2 | 205 | 331 | 0.01% | 0.002% |
| 89 | 14.499 | 2197 | 2200 | 2204 | rBV4 | 232 | 429 | 0.01% | 0.003% |
| 90 | 14.786 | 2244 | 2247 | 2250 | rVB4 | 694 | 806 | 0.03% | 0.006% |
| 91 | 14.841 | 2252 | 2256 | 2257 | rBV3 | 203 | 306 | 0.01% | 0.002% |
| 92 | 14.865 | 2258 | 2260 | 2263 | rVB2 | 347 | 288 | 0.01% | 0.002% |
| 93 | 15.133 | 2301 | 2304 | 2305 | rVB2 | 492 | 391 | 0.01% | 0.003% |
| 94 | 15.249 | 2319 | 2323 | 2327 | rBV3 | 618 | 925 | 0.03% | 0.006% |
| 95 | 15.396 | 2341 | 2347 | 2350 | rBV3 | 1695 | 2937 | 0.09% | 0.020% |
| 96 | 15.505 | 2363 | 2365 | 2369 | rVB3 | 330 | 329 | 0.01% | 0.002% |
| 97 | 16.121 | 2464 | 2466 | 2469 | rBV3 | 439 | 535 | 0.02% | 0.004% |
| 98 | 16.170 | 2469 | 2474 | 2478 | rBV3 | 485 | 1024 | 0.03% | 0.007% |
| 99 | 16.462 | 2520 | 2522 | 2525 | rBV | 456 | 482 | 0.02% | 0.003% |
| 100 | 16.658 | 2552 | 2554 | 2555 | rBV3 | 355 | 320 | 0.01% | 0.002% |

Sum of corrected areas: 14547912

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
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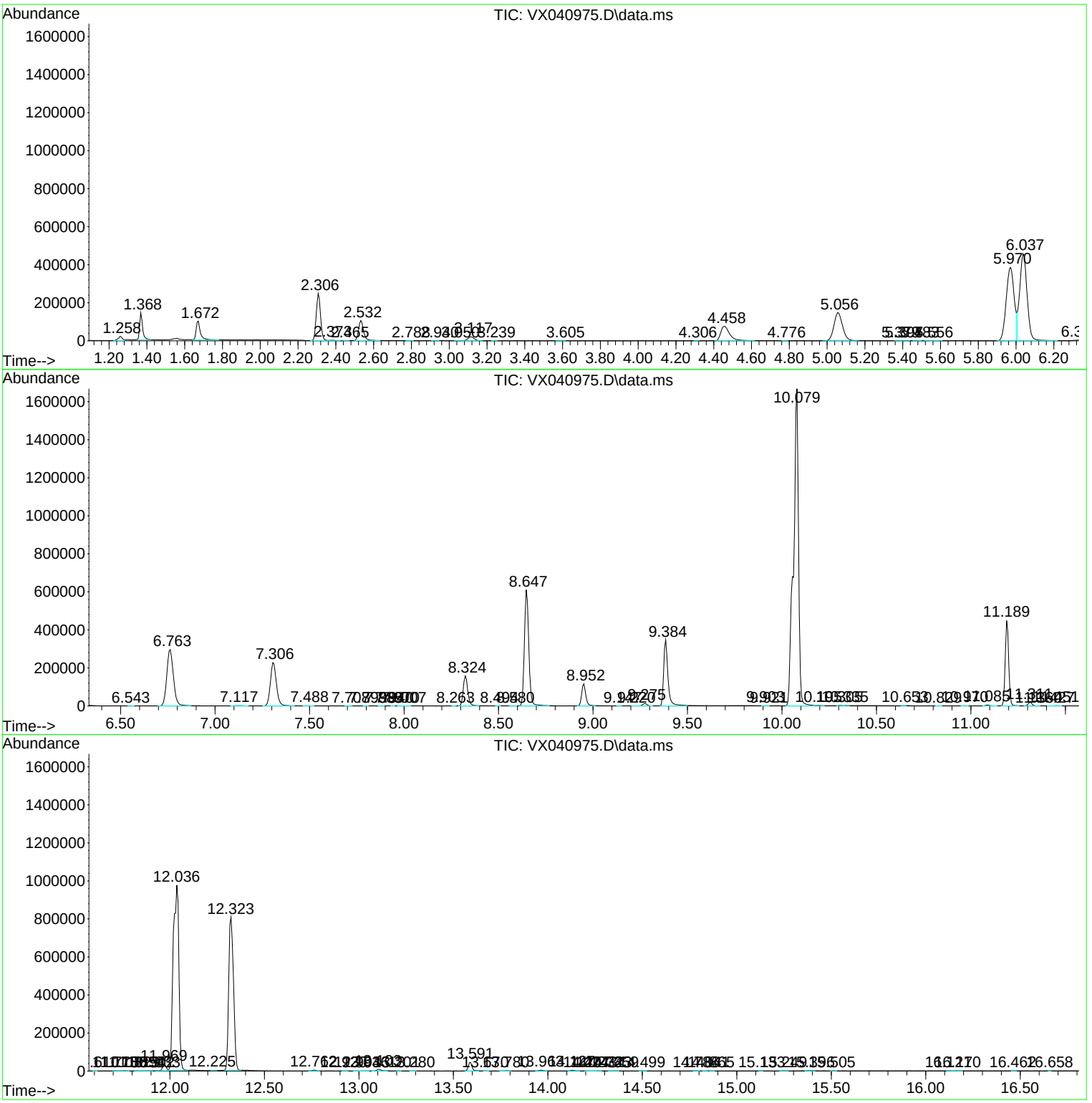
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MC0R53

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040975.D
Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MC0R53

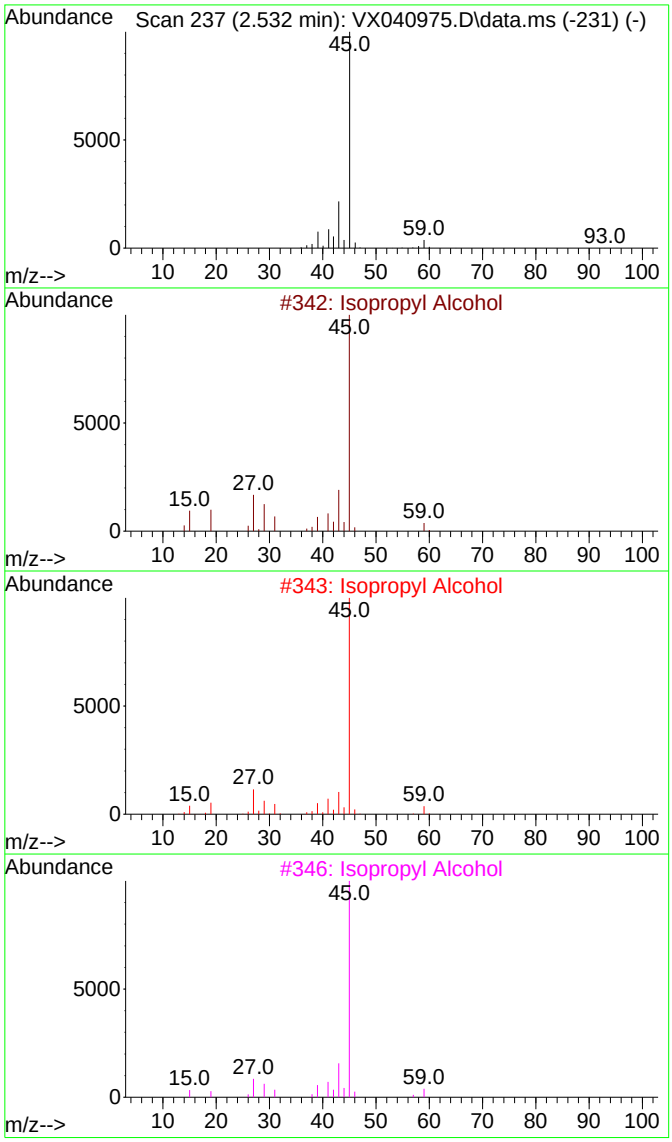
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis

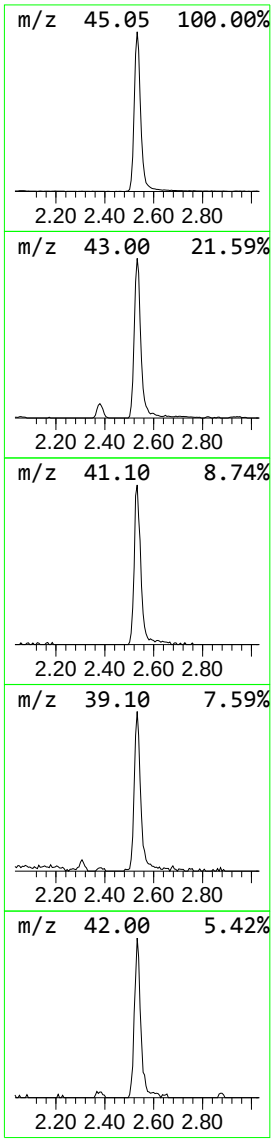
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.532 | 13.46 ug/L | 192614 | 1,4-Difluorobenzene | 6.763 |

| 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 | 64 |
| 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\VX041124\
Data File : VX040975.D
Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MC0R53

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.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 | 2.532 | 13.5 | ug/L | 192614 | 1 | 6.763 | 715741 | 50.0 |