

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039246.D  
 Acq On : 15 Dec 2023 22:11  
 Operator : JC/MD  
 Sample : 05844-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHH5

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\SFAMXML120523WMA.M  
 Title : VOC Analysis

Signal : TIC: VX039246.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.142       | 7             | 9           | 14           | rVB4     | 2089           | 2382          | 0.26%           | 0.029%        |
| 2         | 1.368       | 41            | 46          | 57           | rBV      | 108770         | 125503        | 13.53%          | 1.539%        |
| 3         | 1.666       | 91            | 95          | 110          | rVB      | 70961          | 102861        | 11.09%          | 1.261%        |
| 4         | 2.313       | 194           | 201         | 207          | rBV2     | 252053         | 467101        | 50.37%          | 5.728%        |
| 5         | 2.374       | 207           | 211         | 222          | rVB      | 73464          | 119404        | 12.88%          | 1.464%        |
| 6         | 2.526       | 229           | 236         | 251          | rBV      | 245566         | 438078        | 47.24%          | 5.372%        |
| 7         | 2.947       | 298           | 305         | 315          | rBV2     | 7063           | 16681         | 1.80%           | 0.205%        |
| 8         | 3.111       | 326           | 332         | 341          | rVB2     | 4272           | 10189         | 1.10%           | 0.125%        |
| 9         | 3.252       | 354           | 355         | 360          | rVB2     | 357            | 509           | 0.05%           | 0.006%        |
| 10        | 3.611       | 405           | 414         | 424          | rBV      | 13990          | 32893         | 3.55%           | 0.403%        |
| 11        | 3.855       | 451           | 454         | 458          | rBV2     | 269            | 374           | 0.04%           | 0.005%        |
| 12        | 4.020       | 479           | 481         | 484          | rBV2     | 255            | 294           | 0.03%           | 0.004%        |
| 13        | 4.245       | 516           | 518         | 521          | rBV2     | 249            | 233           | 0.03%           | 0.003%        |
| 14        | 4.306       | 526           | 528         | 529          | rVB      | 345            | 180           | 0.02%           | 0.002%        |
| 15        | 4.318       | 529           | 530         | 532          | rBV2     | 353            | 250           | 0.03%           | 0.003%        |
| 16        | 4.379       | 538           | 540         | 543          | rBV2     | 196            | 190           | 0.02%           | 0.002%        |
| 17        | 4.453       | 543           | 552         | 565          | rBV      | 89813          | 313088        | 33.76%          | 3.839%        |
| 18        | 4.776       | 604           | 605         | 608          | rBV2     | 258            | 314           | 0.03%           | 0.004%        |
| 19        | 5.056       | 633           | 651         | 670          | rBV      | 120023         | 398481        | 42.97%          | 4.886%        |
| 20        | 5.385       | 694           | 705         | 715          | rVB5     | 5983           | 17691         | 1.91%           | 0.217%        |
| 21        | 5.501       | 722           | 724         | 726          | rBV      | 223            | 203           | 0.02%           | 0.002%        |
| 22        | 5.556       | 732           | 733         | 738          | rVB      | 458            | 389           | 0.04%           | 0.005%        |
| 23        | 5.830       | 777           | 778         | 780          | rVV      | 258            | 192           | 0.02%           | 0.002%        |
| 24        | 5.971       | 789           | 801         | 813          | rBV2     | 307145         | 927328        | 100.00%         | 11.371%       |
| 25        | 6.086       | 813           | 820         | 841          | rVB      | 46419          | 125712        | 13.56%          | 1.542%        |
| 26        | 6.477       | 879           | 884         | 885          | rBV2     | 266            | 316           | 0.03%           | 0.004%        |
| 27        | 6.513       | 888           | 890         | 896          | rBV      | 298            | 317           | 0.03%           | 0.004%        |
| 28        | 6.757       | 922           | 930         | 949          | rVV      | 218110         | 525842        | 56.71%          | 6.448%        |
| 29        | 7.086       | 982           | 984         | 985          | rBV      | 204            | 179           | 0.02%           | 0.002%        |
| 30        | 7.306       | 1009          | 1020        | 1033         | rBV      | 191870         | 425874        | 45.92%          | 5.222%        |
| 31        | 7.440       | 1036          | 1042        | 1047         | rVB6     | 2660           | 5644          | 0.61%           | 0.069%        |
| 32        | 7.629       | 1072          | 1073        | 1076         | rVB2     | 233            | 185           | 0.02%           | 0.002%        |
| 33        | 7.909       | 1112          | 1119        | 1124         | rBV2     | 760            | 1595          | 0.17%           | 0.020%        |
| 34        | 7.964       | 1124          | 1128        | 1131         | rVB2     | 391            | 467           | 0.05%           | 0.006%        |
| 35        | 8.062       | 1142          | 1144        | 1146         | rVV2     | 192            | 199           | 0.02%           | 0.002%        |
| 36        | 8.098       | 1148          | 1150        | 1153         | rVB      | 240            | 221           | 0.02%           | 0.003%        |

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 ALS Vial : 17 Sample Multiplier: 1

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 ClientSampleId :  
 YCHH5

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\SFAMXML120523WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 8.123  | 1153 | 1154 | 1157 | rBV2 | 217    | 255    | 0.03%  | 0.003% |
| 38 | 8.184  | 1162 | 1164 | 1167 | rBV2 | 192    | 188    | 0.02%  | 0.002% |
| 39 | 8.324  | 1181 | 1187 | 1202 | rBV  | 134544 | 223554 | 24.11% | 2.741% |
| 40 | 8.488  | 1210 | 1214 | 1216 | rBV3 | 459    | 585    | 0.06%  | 0.007% |
| 41 | 8.580  | 1225 | 1229 | 1233 | rVB2 | 176    | 262    | 0.03%  | 0.003% |
| 42 | 8.647  | 1234 | 1240 | 1250 | rBV  | 477906 | 732768 | 79.02% | 8.985% |
| 43 | 8.879  | 1276 | 1278 | 1281 | rVB2 | 322    | 337    | 0.04%  | 0.004% |
| 44 | 8.952  | 1284 | 1290 | 1303 | rBV  | 99184  | 150950 | 16.28% | 1.851% |
| 45 | 9.275  | 1337 | 1343 | 1345 | rBV2 | 795    | 952    | 0.10%  | 0.012% |
| 46 | 9.385  | 1355 | 1361 | 1380 | rVV  | 398614 | 581801 | 62.74% | 7.134% |
| 47 | 9.763  | 1421 | 1423 | 1424 | rBV  | 284    | 211    | 0.02%  | 0.003% |
| 48 | 9.945  | 1451 | 1453 | 1456 | rBV2 | 270    | 311    | 0.03%  | 0.004% |
| 49 | 9.976  | 1456 | 1458 | 1462 | rVB2 | 263    | 243    | 0.03%  | 0.003% |
| 50 | 10.055 | 1465 | 1471 | 1484 | rBV  | 456355 | 640429 | 69.06% | 7.853% |
| 51 | 10.189 | 1491 | 1493 | 1496 | rBV3 | 366    | 289    | 0.03%  | 0.004% |
| 52 | 10.305 | 1508 | 1512 | 1516 | rVB3 | 1184   | 1342   | 0.14%  | 0.016% |
| 53 | 10.348 | 1516 | 1519 | 1523 | rVV2 | 297    | 369    | 0.04%  | 0.005% |
| 54 | 10.647 | 1566 | 1568 | 1569 | rBV2 | 565    | 340    | 0.04%  | 0.004% |
| 55 | 10.836 | 1597 | 1599 | 1601 | rVB  | 225    | 190    | 0.02%  | 0.002% |
| 56 | 10.866 | 1601 | 1604 | 1605 | rBV2 | 240    | 259    | 0.03%  | 0.003% |
| 57 | 10.970 | 1617 | 1621 | 1622 | rBV2 | 226    | 238    | 0.03%  | 0.003% |
| 58 | 11.018 | 1625 | 1629 | 1637 | rBV3 | 3469   | 5623   | 0.61%  | 0.069% |
| 59 | 11.085 | 1637 | 1640 | 1644 | rVB3 | 1021   | 1446   | 0.16%  | 0.018% |
| 60 | 11.140 | 1647 | 1649 | 1651 | rBV  | 198    | 175    | 0.02%  | 0.002% |
| 61 | 11.189 | 1651 | 1657 | 1665 | rBV  | 365068 | 469004 | 50.58% | 5.751% |
| 62 | 11.311 | 1674 | 1677 | 1681 | rVV2 | 1312   | 1420   | 0.15%  | 0.017% |
| 63 | 11.396 | 1690 | 1691 | 1695 | rBV2 | 156    | 221    | 0.02%  | 0.003% |
| 64 | 11.470 | 1701 | 1703 | 1705 | rBV2 | 223    | 207    | 0.02%  | 0.003% |
| 65 | 11.756 | 1747 | 1750 | 1754 | rVV3 | 440    | 596    | 0.06%  | 0.007% |
| 66 | 11.945 | 1777 | 1781 | 1782 | rVB2 | 262    | 243    | 0.03%  | 0.003% |
| 67 | 12.018 | 1788 | 1793 | 1804 | rBV  | 469309 | 618548 | 66.70% | 7.585% |
| 68 | 12.158 | 1814 | 1816 | 1820 | rBV3 | 273    | 328    | 0.04%  | 0.004% |
| 69 | 12.226 | 1825 | 1827 | 1831 | rBV2 | 259    | 268    | 0.03%  | 0.003% |
| 70 | 12.262 | 1831 | 1833 | 1835 | rBV2 | 238    | 210    | 0.02%  | 0.003% |
| 71 | 12.317 | 1837 | 1842 | 1852 | rBV  | 516767 | 648315 | 69.91% | 7.950% |
| 72 | 12.536 | 1876 | 1878 | 1880 | rBV3 | 379    | 372    | 0.04%  | 0.005% |
| 73 | 12.762 | 1911 | 1915 | 1918 | rVB2 | 521    | 653    | 0.07%  | 0.008% |
| 74 | 12.799 | 1918 | 1921 | 1923 | rBV2 | 251    | 298    | 0.03%  | 0.004% |
| 75 | 12.945 | 1943 | 1945 | 1948 | rBV2 | 217    | 304    | 0.03%  | 0.004% |
| 76 | 13.061 | 1963 | 1964 | 1970 | rVB  | 274    | 326    | 0.04%  | 0.004% |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHH5

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\SFAMXML120523WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 13.116 | 1970 | 1973 | 1975 | rBV2 | 204  | 214  | 0.02% | 0.003% |
| 78  | 13.286 | 1998 | 2001 | 2004 | rBV2 | 193  | 329  | 0.04% | 0.004% |
| 79  | 13.433 | 2021 | 2025 | 2029 | rBV3 | 1117 | 1374 | 0.15% | 0.017% |
| 80  | 13.591 | 2048 | 2051 | 2055 | rBV3 | 776  | 987  | 0.11% | 0.012% |
| 81  | 13.701 | 2067 | 2069 | 2071 | rBV  | 192  | 188  | 0.02% | 0.002% |
| 82  | 13.780 | 2080 | 2082 | 2084 | rBV  | 460  | 496  | 0.05% | 0.006% |
| 83  | 13.890 | 2097 | 2100 | 2102 | rBV2 | 228  | 314  | 0.03% | 0.004% |
| 84  | 13.933 | 2105 | 2107 | 2108 | rBV  | 311  | 219  | 0.02% | 0.003% |
| 85  | 14.128 | 2137 | 2139 | 2142 | rBV3 | 376  | 394  | 0.04% | 0.005% |
| 86  | 14.451 | 2191 | 2192 | 2194 | rBV  | 287  | 202  | 0.02% | 0.002% |
| 87  | 14.506 | 2197 | 2201 | 2203 | rBV3 | 209  | 295  | 0.03% | 0.004% |
| 88  | 14.609 | 2215 | 2218 | 2224 | rVB2 | 550  | 736  | 0.08% | 0.009% |
| 89  | 15.335 | 2334 | 2337 | 2338 | rBV3 | 285  | 291  | 0.03% | 0.004% |
| 90  | 15.359 | 2338 | 2341 | 2342 | rVB2 | 288  | 202  | 0.02% | 0.002% |
| 91  | 15.390 | 2342 | 2346 | 2347 | rBV2 | 318  | 423  | 0.05% | 0.005% |
| 92  | 15.536 | 2368 | 2370 | 2373 | rBV3 | 292  | 294  | 0.03% | 0.004% |
| 93  | 15.591 | 2377 | 2379 | 2381 | rVV2 | 356  | 199  | 0.02% | 0.002% |
| 94  | 15.646 | 2386 | 2388 | 2391 | rBV3 | 367  | 404  | 0.04% | 0.005% |
| 95  | 15.725 | 2398 | 2401 | 2402 | rBV  | 284  | 329  | 0.04% | 0.004% |
| 96  | 15.804 | 2410 | 2414 | 2415 | rBV3 | 311  | 398  | 0.04% | 0.005% |
| 97  | 15.877 | 2425 | 2426 | 2428 | rBV2 | 250  | 208  | 0.02% | 0.003% |
| 98  | 15.969 | 2439 | 2441 | 2445 | rVB2 | 432  | 384  | 0.04% | 0.005% |
| 99  | 16.097 | 2460 | 2462 | 2463 | rBV  | 308  | 188  | 0.02% | 0.002% |
| 100 | 16.719 | 2562 | 2564 | 2567 | rBV2 | 329  | 315  | 0.03% | 0.004% |

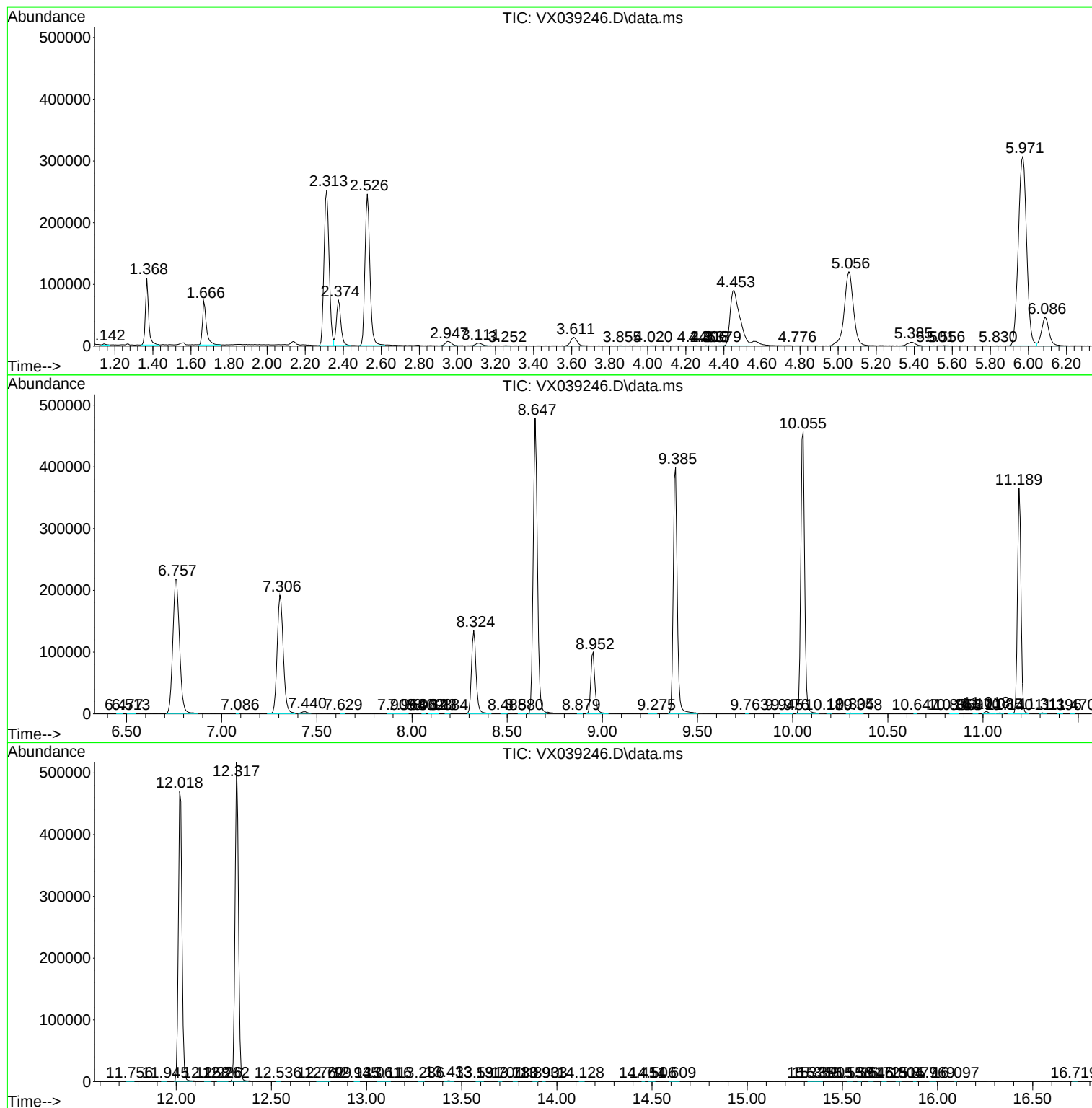
Sum of corrected areas: 8155172

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Instrument :  
MSVOA\_X  
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YCHH5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
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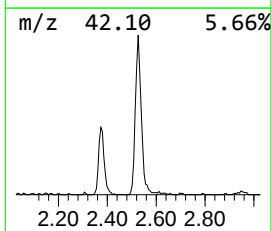
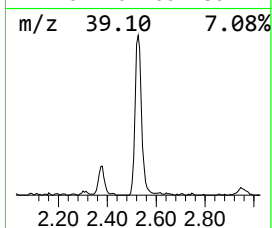
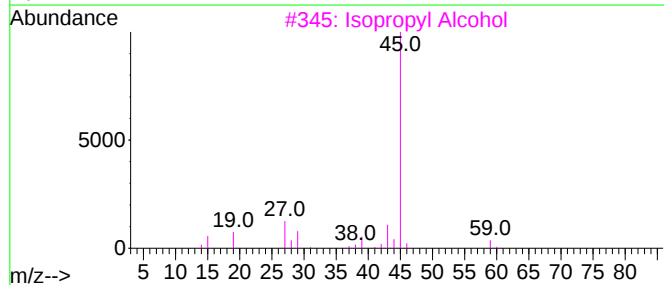
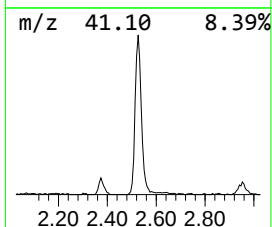
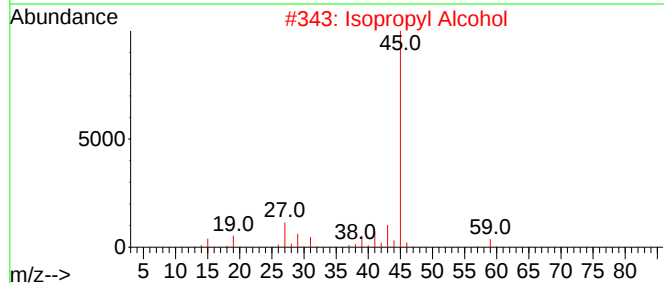
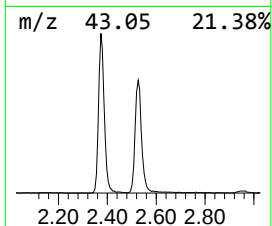
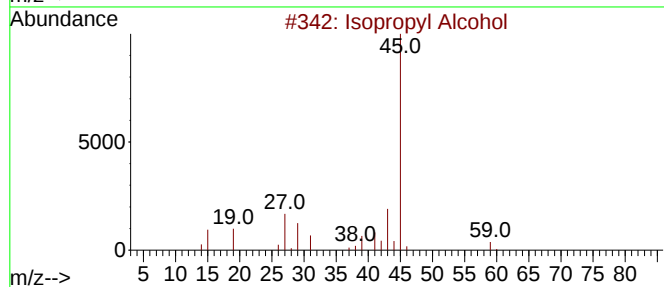
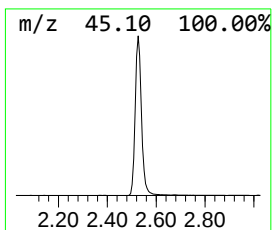
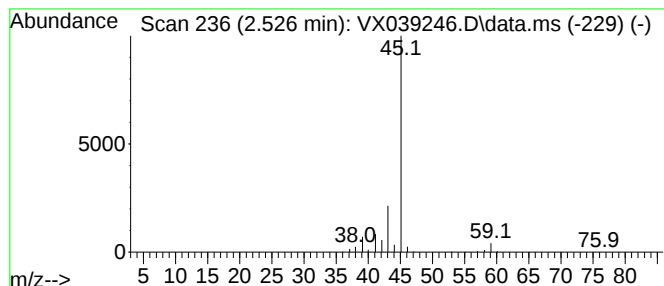
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
Quant Title : VOC Analysis

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 2.526 | 41.65 ug/L | 438078 | 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 | 9    |



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Quant Title : VOC Analysis

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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.526 | 41.6    | ug/L  | 438078   | 1                     | 6.763 | 525842 | 50.0 |