

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041524\  
 Data File : VX041070.D  
 Acq On : 15 Apr 2024 12:04  
 Operator : JC/MD  
 Sample : P2048-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 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\SFAMXML041024WMA.M  
 Title : VOC Analysis

Signal : TIC: VX041070.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         | 1.264       | 25            | 29          | 35           | rBV      | 13499          | 15689         | 1.46%           | 0.175%        |
| 2         | 1.368       | 43            | 46          | 63           | rVB      | 128956         | 148092        | 13.74%          | 1.653%        |
| 3         | 1.672       | 91            | 96          | 108          | rBV      | 96569          | 144395        | 13.40%          | 1.612%        |
| 4         | 2.306       | 194           | 200         | 209          | rBV      | 225102         | 349356        | 32.41%          | 3.900%        |
| 5         | 2.459       | 223           | 225         | 226          | rBV      | 171            | 126           | 0.01%           | 0.001%        |
| 6         | 2.526       | 230           | 236         | 256          | rBV      | 87970          | 172450        | 16.00%          | 1.925%        |
| 7         | 2.880       | 292           | 294         | 296          | rBV3     | 281            | 261           | 0.02%           | 0.003%        |
| 8         | 2.940       | 298           | 304         | 313          | rVV2     | 2695           | 6067          | 0.56%           | 0.068%        |
| 9         | 3.020       | 315           | 317         | 320          | rBV2     | 273            | 265           | 0.02%           | 0.003%        |
| 10        | 3.117       | 325           | 333         | 343          | rVB      | 17959          | 42607         | 3.95%           | 0.476%        |
| 11        | 3.434       | 383           | 385         | 389          | rBV2     | 161            | 192           | 0.02%           | 0.002%        |
| 12        | 3.495       | 393           | 395         | 398          | rBV2     | 174            | 195           | 0.02%           | 0.002%        |
| 13        | 3.617       | 409           | 415         | 420          | rVV3     | 236            | 481           | 0.04%           | 0.005%        |
| 14        | 3.928       | 464           | 466         | 470          | rVB2     | 126            | 182           | 0.02%           | 0.002%        |
| 15        | 3.965       | 470           | 472         | 475          | rBV2     | 141            | 171           | 0.02%           | 0.002%        |
| 16        | 4.367       | 535           | 538         | 539          | rBV2     | 179            | 158           | 0.01%           | 0.002%        |
| 17        | 4.452       | 543           | 552         | 566          | rBV      | 78743          | 236799        | 21.97%          | 2.644%        |
| 18        | 5.056       | 639           | 651         | 670          | rBV      | 145676         | 454764        | 42.19%          | 5.077%        |
| 19        | 5.306       | 688           | 692         | 694          | rVB2     | 175            | 171           | 0.02%           | 0.002%        |
| 20        | 5.397       | 700           | 707         | 715          | rVB4     | 539            | 1765          | 0.16%           | 0.020%        |
| 21        | 5.970       | 789           | 801         | 820          | rBV2     | 355291         | 1077939       | 100.00%         | 12.035%       |
| 22        | 6.275       | 850           | 851         | 852          | rBV      | 237            | 133           | 0.01%           | 0.001%        |
| 23        | 6.330       | 852           | 860         | 870          | rVV4     | 2988           | 8455          | 0.78%           | 0.094%        |
| 24        | 6.464       | 880           | 882         | 887          | rVV3     | 194            | 277           | 0.03%           | 0.003%        |
| 25        | 6.556       | 893           | 897         | 900          | rBV2     | 186            | 261           | 0.02%           | 0.003%        |
| 26        | 6.659       | 911           | 914         | 917          | rBV2     | 169            | 252           | 0.02%           | 0.003%        |
| 27        | 6.757       | 921           | 930         | 956          | rVV      | 287110         | 700832        | 65.02%          | 7.825%        |
| 28        | 7.049       | 976           | 978         | 980          | rBV      | 171            | 114           | 0.01%           | 0.001%        |
| 29        | 7.117       | 984           | 989         | 999          | rVB5     | 1657           | 4098          | 0.38%           | 0.046%        |
| 30        | 7.208       | 1002          | 1004        | 1006         | rVB2     | 169            | 144           | 0.01%           | 0.002%        |
| 31        | 7.238       | 1006          | 1009        | 1012         | rBV2     | 290            | 447           | 0.04%           | 0.005%        |
| 32        | 7.306       | 1012          | 1020        | 1036         | rBV      | 220278         | 480872        | 44.61%          | 5.369%        |
| 33        | 7.476       | 1046          | 1048        | 1049         | rVB      | 336            | 152           | 0.01%           | 0.002%        |
| 34        | 7.525       | 1054          | 1056        | 1057         | rVB2     | 204            | 125           | 0.01%           | 0.001%        |
| 35        | 7.592       | 1065          | 1067        | 1070         | rVB2     | 152            | 137           | 0.01%           | 0.002%        |
| 36        | 7.635       | 1070          | 1074        | 1076         | rBV2     | 238            | 268           | 0.02%           | 0.003%        |

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 ALS Vial : 6 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\SFAMXML041024WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 7.775  | 1095 | 1097 | 1101 | rVB2 | 183    | 201    | 0.02%  | 0.002% |
| 38 | 7.812  | 1101 | 1103 | 1106 | rBV2 | 169    | 176    | 0.02%  | 0.002% |
| 39 | 7.860  | 1106 | 1111 | 1112 | rBV  | 97     | 139    | 0.01%  | 0.002% |
| 40 | 7.915  | 1117 | 1120 | 1121 | rBV2 | 107    | 117    | 0.01%  | 0.001% |
| 41 | 7.946  | 1122 | 1125 | 1128 | rBV  | 235    | 289    | 0.03%  | 0.003% |
| 42 | 8.013  | 1134 | 1136 | 1141 | rVB2 | 121    | 151    | 0.01%  | 0.002% |
| 43 | 8.141  | 1154 | 1157 | 1158 | rBV  | 159    | 133    | 0.01%  | 0.001% |
| 44 | 8.324  | 1181 | 1187 | 1200 | rBV  | 146543 | 245766 | 22.80% | 2.744% |
| 45 | 8.494  | 1212 | 1215 | 1216 | rBV  | 193    | 195    | 0.02%  | 0.002% |
| 46 | 8.647  | 1233 | 1240 | 1257 | rBV  | 559435 | 876269 | 81.29% | 9.783% |
| 47 | 8.952  | 1284 | 1290 | 1301 | rBV  | 104434 | 161434 | 14.98% | 1.802% |
| 48 | 9.092  | 1311 | 1313 | 1314 | rVB  | 227    | 125    | 0.01%  | 0.001% |
| 49 | 9.147  | 1319 | 1322 | 1323 | rVB2 | 154    | 126    | 0.01%  | 0.001% |
| 50 | 9.275  | 1336 | 1343 | 1351 | rBV  | 61873  | 100178 | 9.29%  | 1.118% |
| 51 | 9.384  | 1356 | 1361 | 1372 | rBV  | 347633 | 511297 | 47.43% | 5.709% |
| 52 | 9.634  | 1400 | 1402 | 1404 | rBV2 | 176    | 148    | 0.01%  | 0.002% |
| 53 | 9.769  | 1422 | 1424 | 1425 | rBV  | 291    | 176    | 0.02%  | 0.002% |
| 54 | 9.854  | 1436 | 1438 | 1443 | rBV2 | 127    | 167    | 0.02%  | 0.002% |
| 55 | 9.964  | 1455 | 1456 | 1458 | rBV  | 133    | 110    | 0.01%  | 0.001% |
| 56 | 10.055 | 1465 | 1471 | 1487 | rBV  | 613026 | 857962 | 79.59% | 9.579% |
| 57 | 10.305 | 1509 | 1512 | 1518 | rVB3 | 490    | 722    | 0.07%  | 0.008% |
| 58 | 10.433 | 1531 | 1533 | 1535 | rVB2 | 173    | 143    | 0.01%  | 0.002% |
| 59 | 10.848 | 1599 | 1601 | 1604 | rBV2 | 111    | 166    | 0.02%  | 0.002% |
| 60 | 10.957 | 1617 | 1619 | 1620 | rBV  | 128    | 124    | 0.01%  | 0.001% |
| 61 | 11.030 | 1628 | 1631 | 1632 | rVB2 | 191    | 176    | 0.02%  | 0.002% |
| 62 | 11.049 | 1632 | 1634 | 1636 | rBV2 | 124    | 139    | 0.01%  | 0.002% |
| 63 | 11.085 | 1636 | 1640 | 1646 | rVB4 | 1141   | 2118   | 0.20%  | 0.024% |
| 64 | 11.189 | 1652 | 1657 | 1667 | rBV  | 435088 | 556038 | 51.58% | 6.208% |
| 65 | 11.311 | 1670 | 1677 | 1684 | rVB  | 68461  | 97019  | 9.00%  | 1.083% |
| 66 | 11.451 | 1698 | 1700 | 1704 | rBV3 | 205    | 270    | 0.03%  | 0.003% |
| 67 | 11.543 | 1712 | 1715 | 1716 | rBV  | 195    | 192    | 0.02%  | 0.002% |
| 68 | 11.597 | 1721 | 1724 | 1726 | rBV2 | 160    | 179    | 0.02%  | 0.002% |
| 69 | 11.683 | 1737 | 1738 | 1741 | rBV2 | 119    | 114    | 0.01%  | 0.001% |
| 70 | 11.713 | 1741 | 1743 | 1746 | rVB2 | 345    | 258    | 0.02%  | 0.003% |
| 71 | 11.756 | 1748 | 1750 | 1754 | rVB2 | 316    | 385    | 0.04%  | 0.004% |
| 72 | 11.884 | 1768 | 1771 | 1772 | rBV2 | 128    | 134    | 0.01%  | 0.001% |
| 73 | 11.969 | 1780 | 1785 | 1788 | rBV4 | 846    | 1177   | 0.11%  | 0.013% |
| 74 | 12.018 | 1788 | 1793 | 1811 | rVV  | 640878 | 841725 | 78.09% | 9.398% |
| 75 | 12.231 | 1825 | 1828 | 1831 | rBV4 | 442    | 463    | 0.04%  | 0.005% |
| 76 | 12.317 | 1837 | 1842 | 1862 | rBV  | 638066 | 826981 | 76.72% | 9.233% |

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 ALS Vial : 6 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\SFAMXML041024WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 12.762 | 1909 | 1915 | 1920 | rBV2 | 10654 | 14697 | 1.36% | 0.164% |
| 78  | 12.853 | 1927 | 1930 | 1931 | rBV2 | 140   | 127   | 0.01% | 0.001% |
| 79  | 12.951 | 1943 | 1946 | 1948 | rBB  | 175   | 141   | 0.01% | 0.002% |
| 80  | 12.981 | 1948 | 1951 | 1953 | rBV  | 126   | 146   | 0.01% | 0.002% |
| 81  | 13.115 | 1970 | 1973 | 1977 | rBV2 | 768   | 897   | 0.08% | 0.010% |
| 82  | 13.152 | 1977 | 1979 | 1981 | rBV2 | 125   | 114   | 0.01% | 0.001% |
| 83  | 13.262 | 1996 | 1997 | 2000 | rVB2 | 215   | 150   | 0.01% | 0.002% |
| 84  | 13.292 | 2000 | 2002 | 2004 | rBV  | 134   | 126   | 0.01% | 0.001% |
| 85  | 13.353 | 2008 | 2012 | 2013 | rVB2 | 182   | 180   | 0.02% | 0.002% |
| 86  | 13.457 | 2026 | 2029 | 2030 | rBV2 | 197   | 193   | 0.02% | 0.002% |
| 87  | 13.597 | 2048 | 2052 | 2057 | rBV  | 1619  | 2186  | 0.20% | 0.024% |
| 88  | 13.786 | 2078 | 2083 | 2085 | rVV  | 611   | 777   | 0.07% | 0.009% |
| 89  | 13.829 | 2088 | 2090 | 2093 | rVB  | 183   | 205   | 0.02% | 0.002% |
| 90  | 13.963 | 2109 | 2112 | 2117 | rBV3 | 901   | 1188  | 0.11% | 0.013% |
| 91  | 14.073 | 2129 | 2130 | 2133 | rBV2 | 181   | 120   | 0.01% | 0.001% |
| 92  | 14.134 | 2136 | 2140 | 2145 | rVB2 | 754   | 1021  | 0.09% | 0.011% |
| 93  | 14.347 | 2173 | 2175 | 2178 | rBV2 | 185   | 187   | 0.02% | 0.002% |
| 94  | 14.530 | 2203 | 2205 | 2207 | rBV  | 319   | 183   | 0.02% | 0.002% |
| 95  | 14.591 | 2213 | 2215 | 2216 | rBV2 | 210   | 113   | 0.01% | 0.001% |
| 96  | 14.816 | 2250 | 2252 | 2255 | rBV2 | 267   | 309   | 0.03% | 0.003% |
| 97  | 15.005 | 2281 | 2283 | 2284 | rBV2 | 313   | 274   | 0.03% | 0.003% |
| 98  | 15.036 | 2286 | 2288 | 2291 | rVV3 | 233   | 248   | 0.02% | 0.003% |
| 99  | 15.121 | 2300 | 2302 | 2303 | rBV2 | 441   | 366   | 0.03% | 0.004% |
| 100 | 16.688 | 2557 | 2559 | 2561 | rBV2 | 480   | 407   | 0.04% | 0.005% |

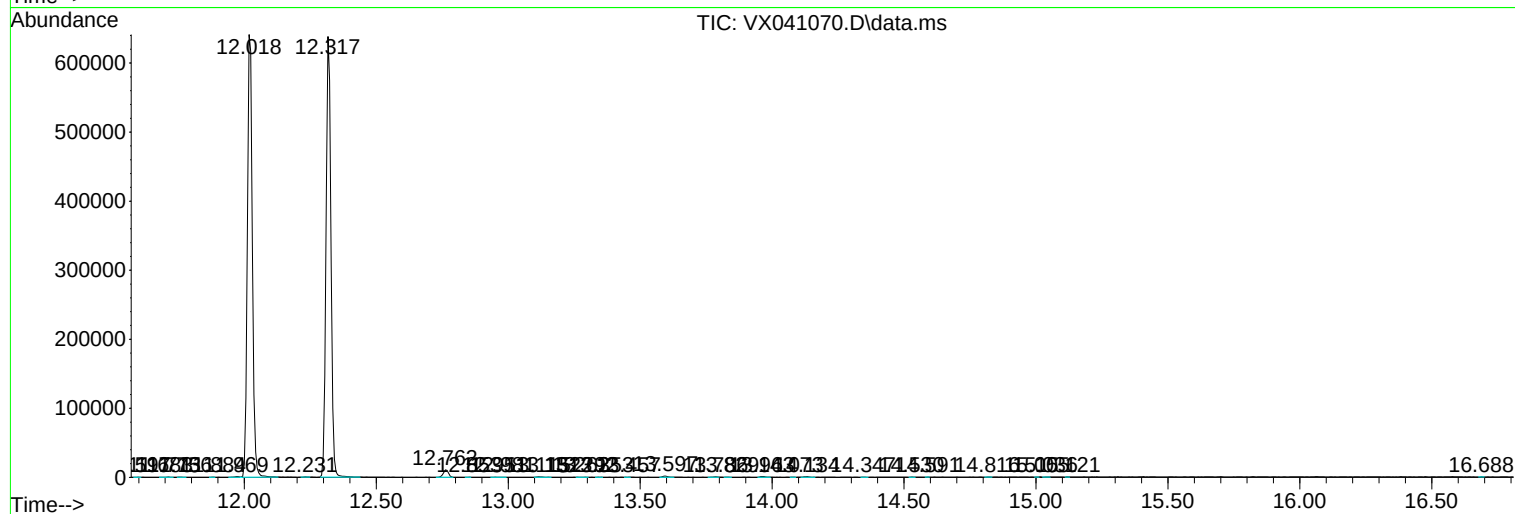
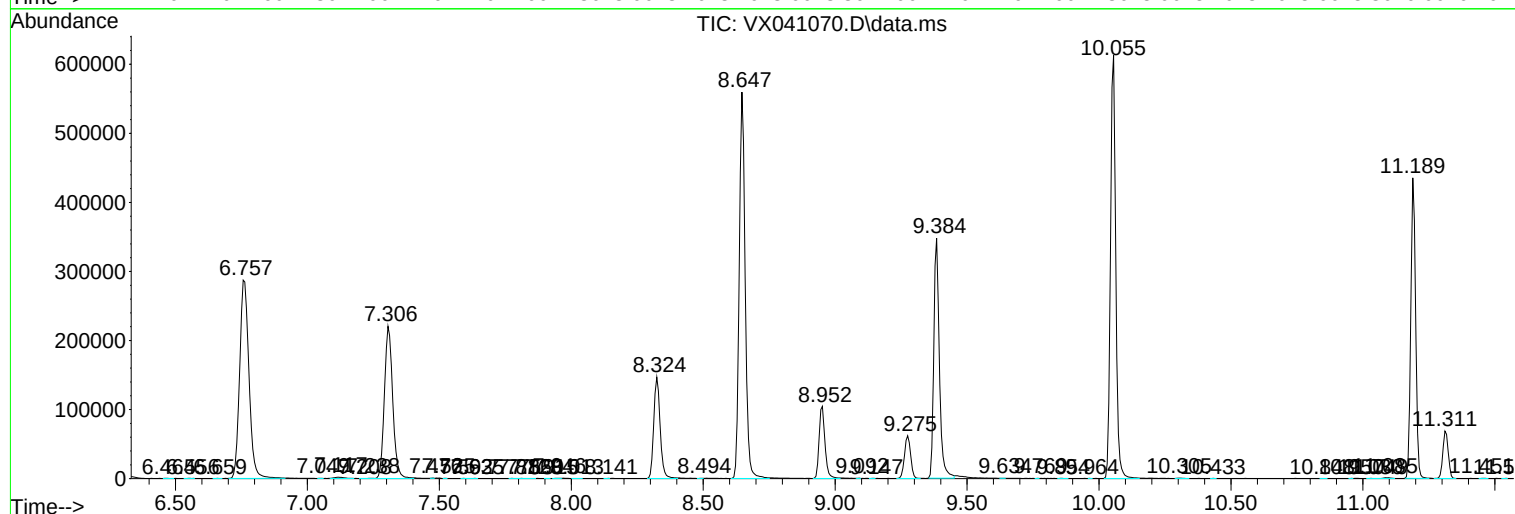
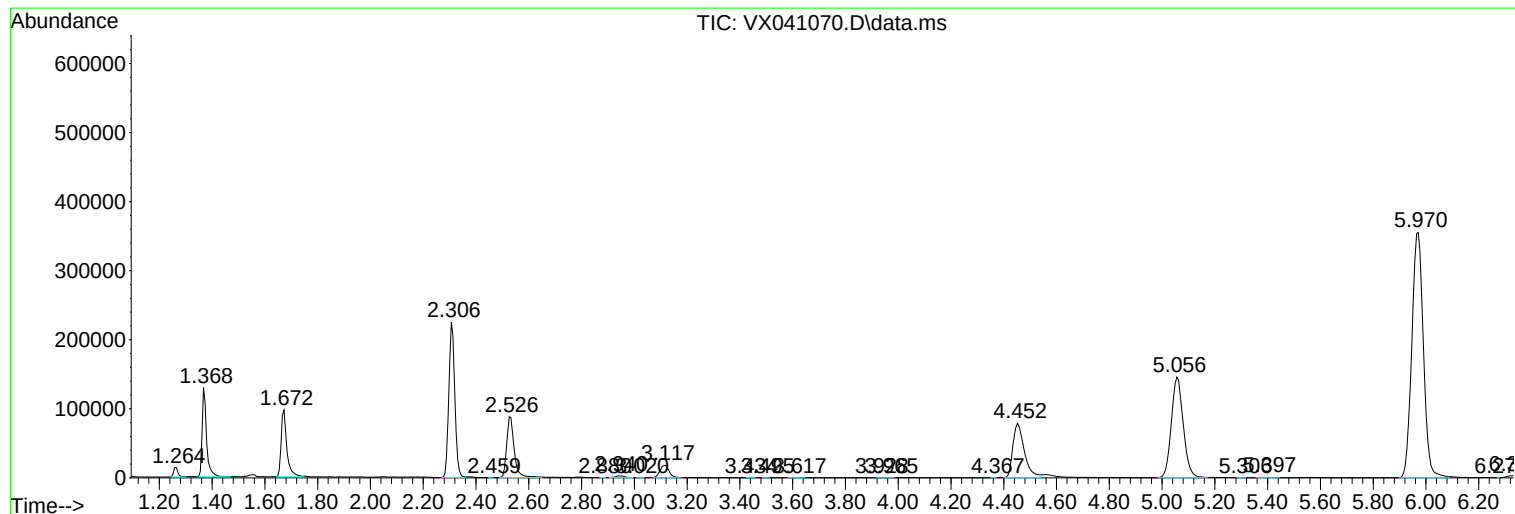
Sum of corrected areas: 8956729

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Data File : VX041070.D  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MC0R53

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis

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



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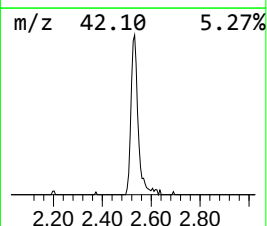
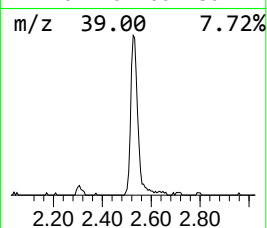
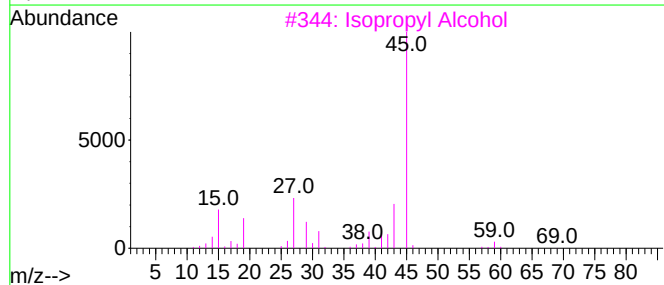
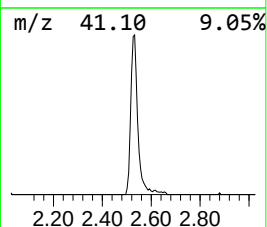
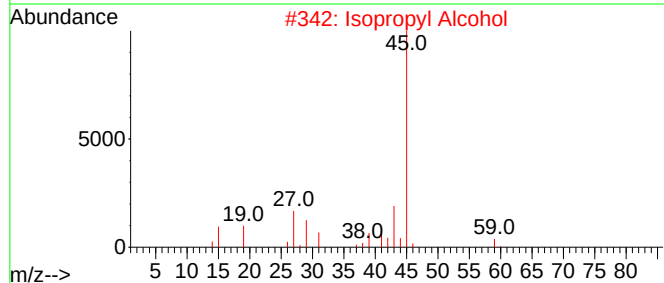
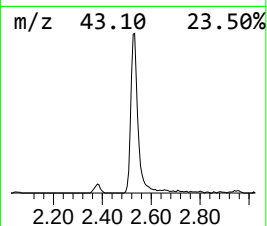
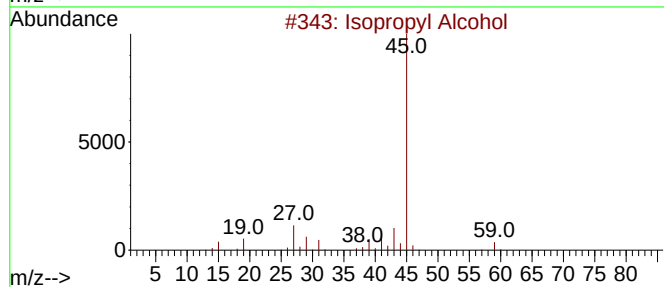
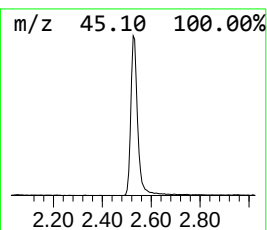
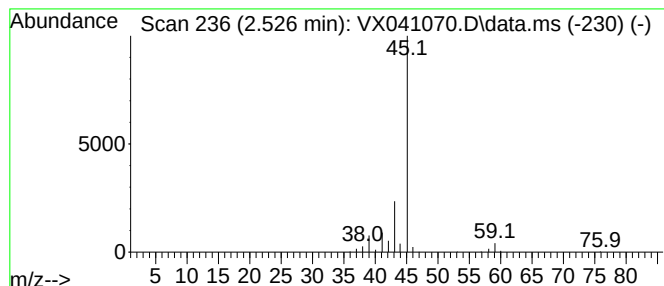
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 2.526 | 12.30 ug/L | 172450 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 72   |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 56   |



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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 | 12.3    | ug/L  | 172450   | 1                     | 6.763 | 700832 | 50.0 |