

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
 Data File : VX040661.D  
 Acq On : 15 Mar 2024 17:55  
 Operator : JC/MD  
 Sample : P1753-19  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL37

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\SFAMXML030724WMA.M  
 Title : VOC Analysis

Signal : TIC: VX040661.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       | 27            | 29          | 32           | rVB      | 704            | 489           | 0.06%           | 0.009%        |
| 2         | 1.368       | 41            | 46          | 57           | rBV      | 75372          | 87011         | 11.34%          | 1.547%        |
| 3         | 1.666       | 91            | 95          | 111          | rVB      | 58586          | 82185         | 10.71%          | 1.462%        |
| 4         | 2.306       | 193           | 200         | 207          | rBV      | 121150         | 187046        | 24.37%          | 3.326%        |
| 5         | 2.380       | 207           | 212         | 221          | rVB      | 27002          | 46858         | 6.11%           | 0.833%        |
| 6         | 2.532       | 230           | 237         | 252          | rBV      | 429392         | 767398        | 100.00%         | 13.647%       |
| 7         | 3.294       | 361           | 362         | 363          | rBV      | 295            | 135           | 0.02%           | 0.002%        |
| 8         | 3.617       | 408           | 415         | 418          | rBV5     | 878            | 1623          | 0.21%           | 0.029%        |
| 9         | 3.831       | 448           | 450         | 453          | rBV      | 186            | 214           | 0.03%           | 0.004%        |
| 10        | 4.038       | 483           | 484         | 488          | rBV      | 200            | 277           | 0.04%           | 0.005%        |
| 11        | 4.117       | 495           | 497         | 502          | rBV2     | 181            | 232           | 0.03%           | 0.004%        |
| 12        | 4.263       | 520           | 521         | 525          | rVV2     | 178            | 151           | 0.02%           | 0.003%        |
| 13        | 4.361       | 535           | 537         | 540          | rVB      | 182            | 144           | 0.02%           | 0.003%        |
| 14        | 4.452       | 544           | 552         | 568          | rBV      | 53387          | 152894        | 19.92%          | 2.719%        |
| 15        | 4.739       | 594           | 599         | 604          | rBV3     | 315            | 646           | 0.08%           | 0.011%        |
| 16        | 4.934       | 628           | 631         | 632          | rBV      | 224            | 199           | 0.03%           | 0.004%        |
| 17        | 5.056       | 636           | 651         | 667          | rVV      | 88226          | 273916        | 35.69%          | 4.871%        |
| 18        | 5.489       | 718           | 722         | 724          | rVB      | 207            | 262           | 0.03%           | 0.005%        |
| 19        | 5.513       | 724           | 726         | 727          | rBV2     | 221            | 203           | 0.03%           | 0.004%        |
| 20        | 5.739       | 761           | 763         | 765          | rBV      | 176            | 182           | 0.02%           | 0.003%        |
| 21        | 5.812       | 773           | 775         | 777          | rVB      | 347            | 235           | 0.03%           | 0.004%        |
| 22        | 5.849       | 780           | 781         | 783          | rBV      | 284            | 245           | 0.03%           | 0.004%        |
| 23        | 5.879       | 783           | 786         | 788          | rBV      | 224            | 179           | 0.02%           | 0.003%        |
| 24        | 5.964       | 789           | 800         | 815          | rBV2     | 207769         | 619493        | 80.73%          | 11.017%       |
| 25        | 6.245       | 844           | 846         | 849          | rVB      | 237            | 268           | 0.03%           | 0.005%        |
| 26        | 6.287       | 849           | 853         | 858          | rBV      | 220            | 395           | 0.05%           | 0.007%        |
| 27        | 6.379       | 867           | 868         | 870          | rBV      | 266            | 149           | 0.02%           | 0.003%        |
| 28        | 6.415       | 872           | 874         | 877          | rBV      | 209            | 196           | 0.03%           | 0.003%        |
| 29        | 6.568       | 897           | 899         | 900          | rBV      | 205            | 150           | 0.02%           | 0.003%        |
| 30        | 6.763       | 922           | 931         | 944          | rBV      | 158299         | 369923        | 48.20%          | 6.579%        |
| 31        | 6.897       | 951           | 953         | 955          | rBV2     | 352            | 346           | 0.05%           | 0.006%        |
| 32        | 7.117       | 984           | 989         | 994          | rVB3     | 1344           | 2757          | 0.36%           | 0.049%        |
| 33        | 7.306       | 1012          | 1020        | 1032         | rBV      | 126861         | 286920        | 37.39%          | 5.103%        |
| 34        | 7.452       | 1042          | 1044        | 1046         | rBV2     | 230            | 231           | 0.03%           | 0.004%        |
| 35        | 7.604       | 1067          | 1069        | 1071         | rBV      | 238            | 201           | 0.03%           | 0.004%        |
| 36        | 7.769       | 1093          | 1096        | 1097         | rBV2     | 185            | 192           | 0.03%           | 0.003%        |

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 YCL37

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\SFAMXML030724WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 7.897  | 1112 | 1117 | 1120 | rBV2 | 479    | 897    | 0.12%  | 0.016% |
| 38 | 8.007  | 1131 | 1135 | 1137 | rBV2 | 311    | 454    | 0.06%  | 0.008% |
| 39 | 8.324  | 1181 | 1187 | 1198 | rBV  | 87266  | 145917 | 19.01% | 2.595% |
| 40 | 8.464  | 1207 | 1210 | 1211 | rVB2 | 228    | 201    | 0.03%  | 0.004% |
| 41 | 8.488  | 1211 | 1214 | 1217 | rBV3 | 501    | 738    | 0.10%  | 0.013% |
| 42 | 8.647  | 1234 | 1240 | 1257 | rBV  | 301399 | 465131 | 60.61% | 8.272% |
| 43 | 8.952  | 1284 | 1290 | 1297 | rBV  | 63855  | 97677  | 12.73% | 1.737% |
| 44 | 9.092  | 1311 | 1313 | 1314 | rVB  | 221    | 142    | 0.02%  | 0.003% |
| 45 | 9.226  | 1330 | 1335 | 1338 | rBV2 | 217    | 450    | 0.06%  | 0.008% |
| 46 | 9.269  | 1339 | 1342 | 1347 | rVB3 | 641    | 1124   | 0.15%  | 0.020% |
| 47 | 9.317  | 1347 | 1350 | 1352 | rBV  | 146    | 171    | 0.02%  | 0.003% |
| 48 | 9.336  | 1352 | 1353 | 1355 | rBV  | 203    | 132    | 0.02%  | 0.002% |
| 49 | 9.384  | 1355 | 1361 | 1376 | rBV  | 256468 | 372664 | 48.56% | 6.627% |
| 50 | 9.921  | 1446 | 1449 | 1451 | rBV  | 208    | 249    | 0.03%  | 0.004% |
| 51 | 9.958  | 1453 | 1455 | 1458 | rBV2 | 222    | 233    | 0.03%  | 0.004% |
| 52 | 10.055 | 1465 | 1471 | 1485 | rBV  | 337061 | 460481 | 60.01% | 8.189% |
| 53 | 10.208 | 1494 | 1496 | 1497 | rBV  | 173    | 137    | 0.02%  | 0.002% |
| 54 | 10.238 | 1499 | 1501 | 1504 | rVB2 | 255    | 234    | 0.03%  | 0.004% |
| 55 | 10.262 | 1504 | 1505 | 1508 | rBV  | 204    | 261    | 0.03%  | 0.005% |
| 56 | 10.293 | 1508 | 1510 | 1511 | rVV2 | 191    | 137    | 0.02%  | 0.002% |
| 57 | 10.415 | 1523 | 1530 | 1532 | rBV2 | 205    | 476    | 0.06%  | 0.008% |
| 58 | 10.470 | 1537 | 1539 | 1541 | rBV  | 146    | 139    | 0.02%  | 0.002% |
| 59 | 10.970 | 1618 | 1621 | 1622 | rBV2 | 213    | 248    | 0.03%  | 0.004% |
| 60 | 11.091 | 1637 | 1641 | 1644 | rVB2 | 640    | 654    | 0.09%  | 0.012% |
| 61 | 11.134 | 1647 | 1648 | 1650 | rBV  | 274    | 241    | 0.03%  | 0.004% |
| 62 | 11.189 | 1652 | 1657 | 1671 | rVV  | 272802 | 333258 | 43.43% | 5.927% |
| 63 | 11.311 | 1674 | 1677 | 1681 | rVB2 | 820    | 1152   | 0.15%  | 0.020% |
| 64 | 11.774 | 1751 | 1753 | 1755 | rBV  | 169    | 179    | 0.02%  | 0.003% |
| 65 | 11.823 | 1759 | 1761 | 1762 | rVB  | 271    | 136    | 0.02%  | 0.002% |
| 66 | 11.835 | 1762 | 1763 | 1766 | rBV2 | 151    | 161    | 0.02%  | 0.003% |
| 67 | 11.933 | 1775 | 1779 | 1780 | rBV  | 219    | 276    | 0.04%  | 0.005% |
| 68 | 12.018 | 1788 | 1793 | 1804 | rBV  | 322970 | 418787 | 54.57% | 7.448% |
| 69 | 12.317 | 1837 | 1842 | 1853 | rVB  | 340565 | 428110 | 55.79% | 7.614% |
| 70 | 12.738 | 1909 | 1911 | 1912 | rBV  | 314    | 185    | 0.02%  | 0.003% |
| 71 | 12.762 | 1912 | 1915 | 1918 | rVB3 | 453    | 582    | 0.08%  | 0.010% |
| 72 | 12.811 | 1918 | 1923 | 1924 | rVB  | 172    | 223    | 0.03%  | 0.004% |
| 73 | 12.957 | 1944 | 1947 | 1949 | rBV2 | 218    | 299    | 0.04%  | 0.005% |
| 74 | 13.018 | 1955 | 1957 | 1960 | rVB2 | 225    | 222    | 0.03%  | 0.004% |
| 75 | 13.048 | 1960 | 1962 | 1965 | rVB  | 187    | 158    | 0.02%  | 0.003% |
| 76 | 13.256 | 1993 | 1996 | 1998 | rBV2 | 253    | 292    | 0.04%  | 0.005% |

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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL37

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\SFAMXML030724WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |     |     |       |        |
|-----|--------|------|------|------|------|-----|-----|-------|--------|
| 77  | 13.317 | 2002 | 2006 | 2007 | rBV2 | 209 | 294 | 0.04% | 0.005% |
| 78  | 13.359 | 2011 | 2013 | 2016 | rBV2 | 187 | 265 | 0.03% | 0.005% |
| 79  | 13.433 | 2023 | 2025 | 2027 | rBV2 | 219 | 174 | 0.02% | 0.003% |
| 80  | 13.518 | 2037 | 2039 | 2042 | rBV2 | 186 | 158 | 0.02% | 0.003% |
| 81  | 13.573 | 2045 | 2048 | 2052 | rVB  | 264 | 379 | 0.05% | 0.007% |
| 82  | 13.682 | 2064 | 2066 | 2069 | rBV2 | 124 | 132 | 0.02% | 0.002% |
| 83  | 13.756 | 2076 | 2078 | 2081 | rBV  | 196 | 223 | 0.03% | 0.004% |
| 84  | 13.817 | 2086 | 2088 | 2091 | rBV2 | 154 | 233 | 0.03% | 0.004% |
| 85  | 13.841 | 2091 | 2092 | 2095 | rVB  | 218 | 136 | 0.02% | 0.002% |
| 86  | 13.926 | 2104 | 2106 | 2107 | rBV  | 275 | 147 | 0.02% | 0.003% |
| 87  | 14.036 | 2122 | 2124 | 2126 | rBV  | 216 | 173 | 0.02% | 0.003% |
| 88  | 14.292 | 2164 | 2166 | 2168 | rVB  | 268 | 150 | 0.02% | 0.003% |
| 89  | 14.585 | 2211 | 2214 | 2215 | rBV2 | 170 | 203 | 0.03% | 0.004% |
| 90  | 14.609 | 2215 | 2218 | 2225 | rVB3 | 645 | 984 | 0.13% | 0.017% |
| 91  | 14.664 | 2225 | 2227 | 2230 | rBV  | 136 | 177 | 0.02% | 0.003% |
| 92  | 14.731 | 2235 | 2238 | 2239 | rBV  | 193 | 246 | 0.03% | 0.004% |
| 93  | 14.743 | 2239 | 2240 | 2242 | rBV  | 241 | 141 | 0.02% | 0.003% |
| 94  | 14.798 | 2248 | 2249 | 2251 | rBV2 | 170 | 138 | 0.02% | 0.002% |
| 95  | 15.621 | 2382 | 2384 | 2385 | rBV  | 233 | 226 | 0.03% | 0.004% |
| 96  | 15.658 | 2388 | 2390 | 2393 | rVV2 | 312 | 307 | 0.04% | 0.005% |
| 97  | 15.743 | 2402 | 2404 | 2407 | rBV2 | 272 | 236 | 0.03% | 0.004% |
| 98  | 15.926 | 2432 | 2434 | 2438 | rBV  | 268 | 257 | 0.03% | 0.005% |
| 99  | 16.566 | 2537 | 2539 | 2540 | rBV  | 307 | 214 | 0.03% | 0.004% |
| 100 | 16.676 | 2553 | 2557 | 2558 | rBV2 | 236 | 273 | 0.04% | 0.005% |

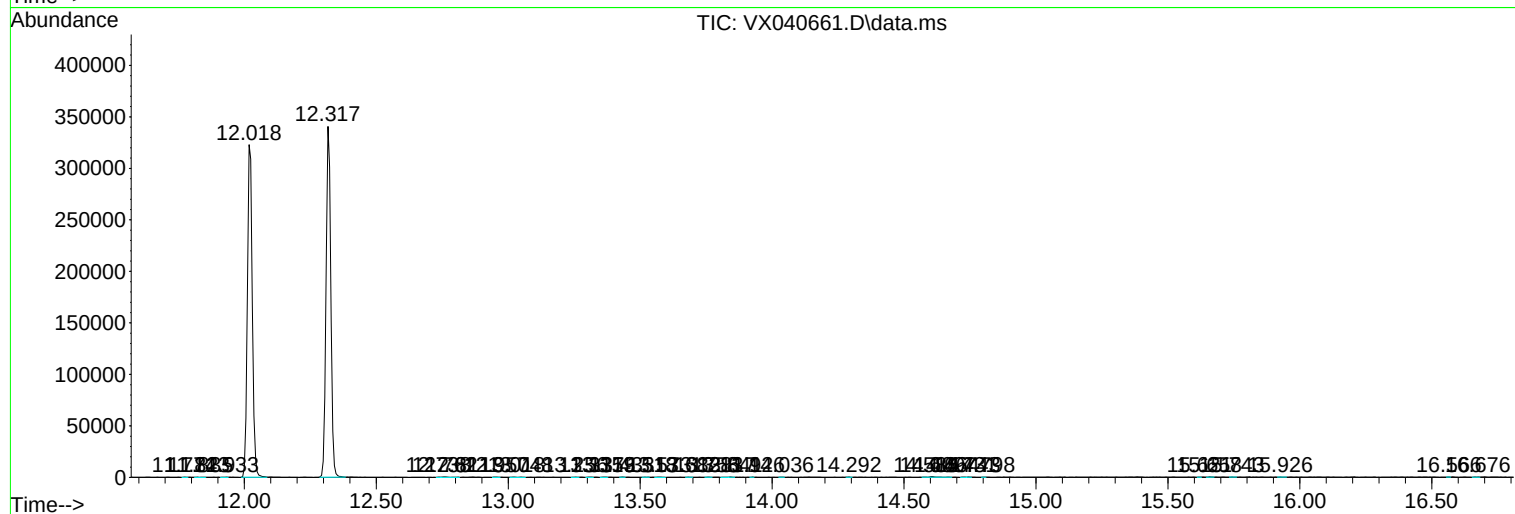
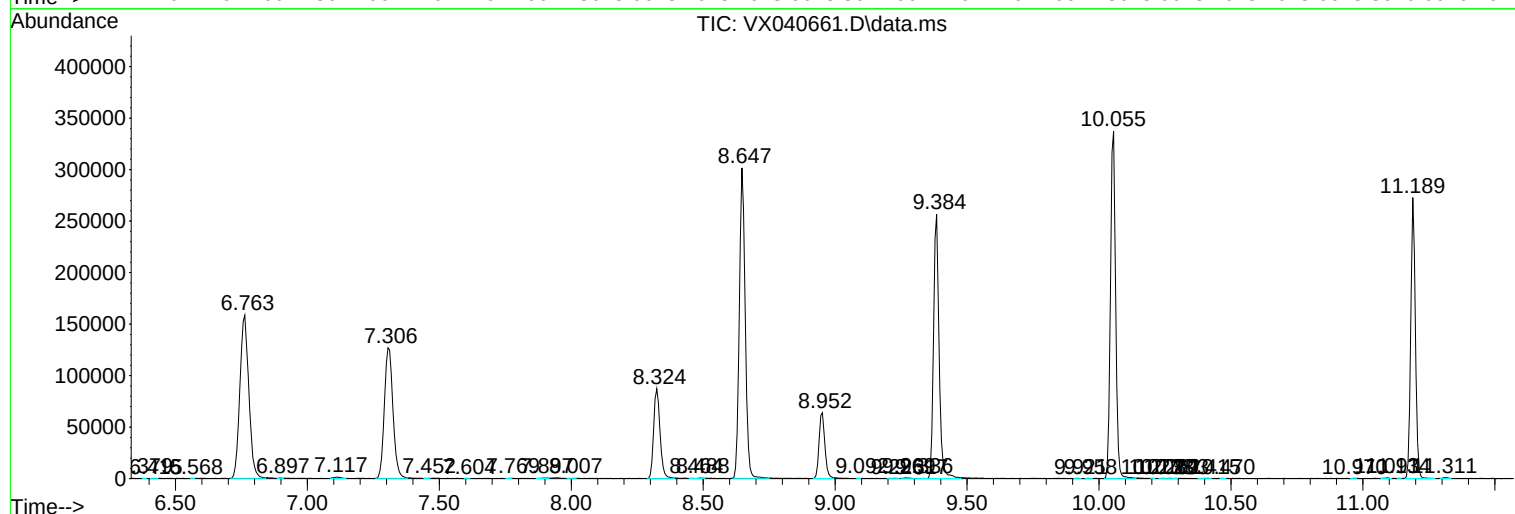
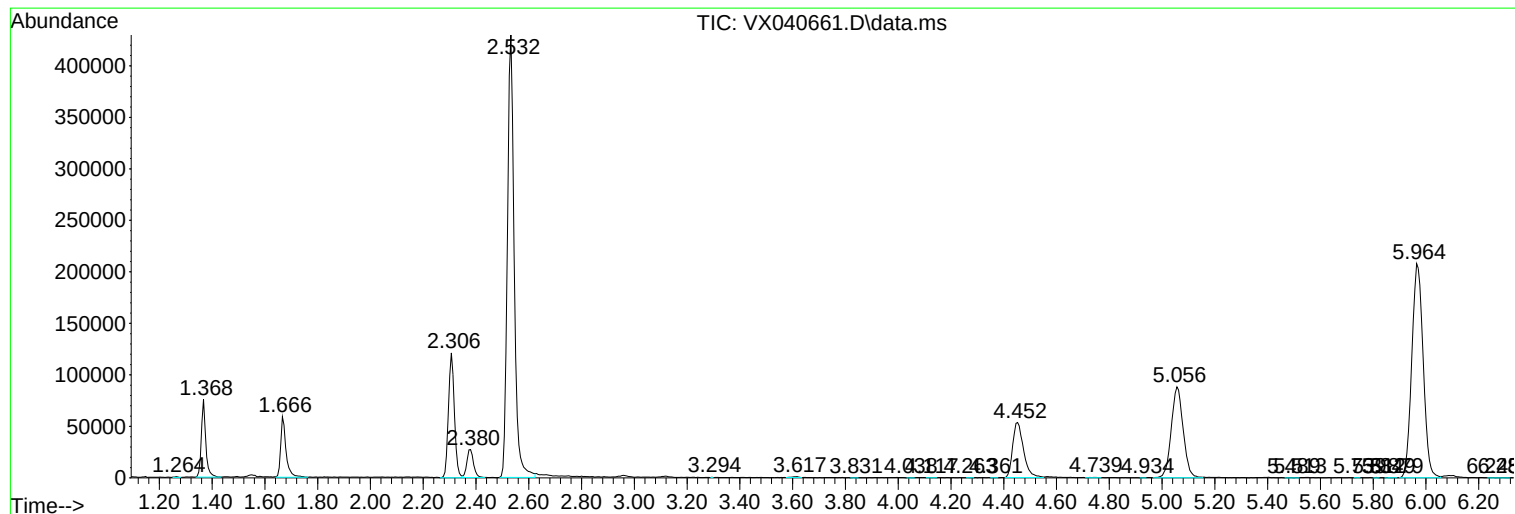
Sum of corrected areas: 5623019

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
Data File : VX040661.D  
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Sample : P1753-19  
Misc : 5.0mL/MSVOA\_X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
YCL37

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
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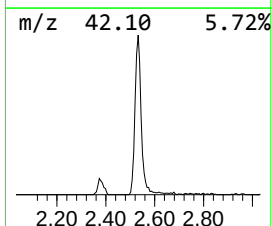
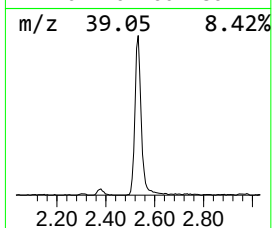
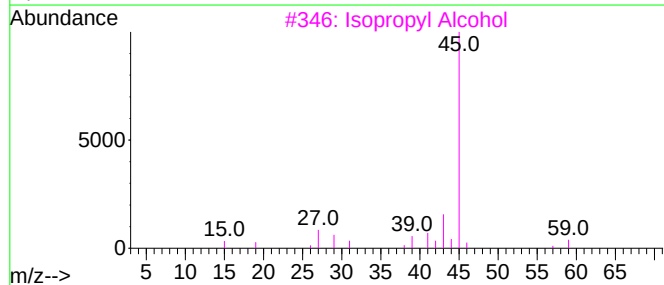
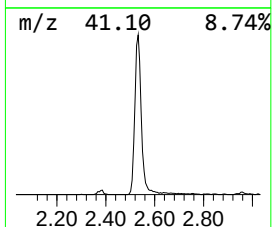
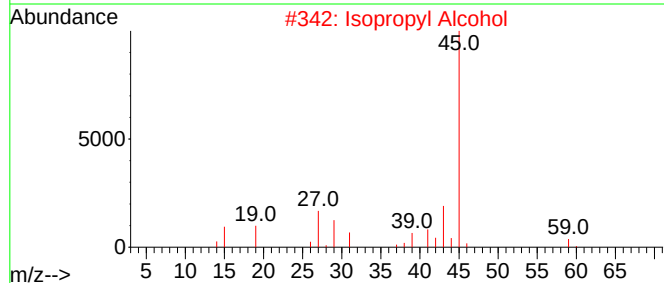
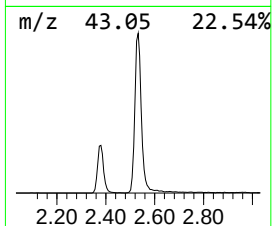
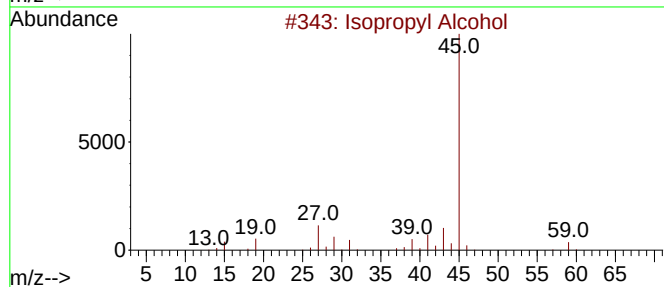
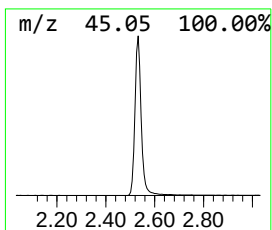
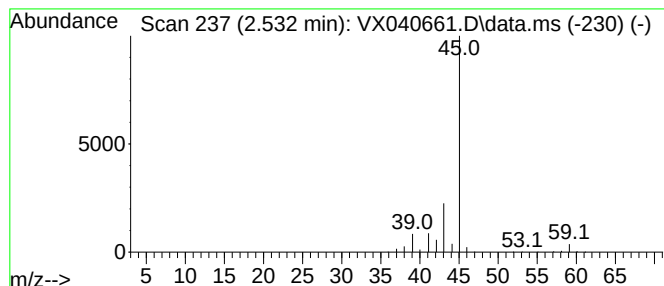
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
Quant Title : VOC Analysis

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.  |
|-------|-------------|--------|---------------------|-------|
| 2.532 | 103.72 ug/L | 767398 | 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 | 64   |
| 4    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 9    |
| 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 | 2.532 | 103.7   | ug/L  | 767398   | 1                     | 6.763 | 369923 | 50.0 |