

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
 Data File : VX040704.D  
 Acq On : 18 Mar 2024 17:08  
 Operator : JC/MD  
 Sample : P1754-20DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL28DL

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: VX040704.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         | 1.368       | 42            | 46          | 59           | rBV      | 99913          | 106085        | 15.68%          | 1.960%        |
| 2         | 1.666       | 91            | 95          | 106          | rBV      | 61988          | 87449         | 12.93%          | 1.615%        |
| 3         | 2.313       | 194           | 201         | 209          | rBV3     | 263691         | 498036        | 73.63%          | 9.200%        |
| 4         | 2.532       | 231           | 237         | 249          | rVB2     | 10232          | 19162         | 2.83%           | 0.354%        |
| 5         | 2.733       | 269           | 270         | 273          | rBV2     | 295            | 320           | 0.05%           | 0.006%        |
| 6         | 2.782       | 275           | 278         | 279          | rBV      | 800            | 666           | 0.10%           | 0.012%        |
| 7         | 2.947       | 297           | 305         | 309          | rBV5     | 1404           | 3211          | 0.47%           | 0.059%        |
| 8         | 3.160       | 335           | 340         | 344          | rBV      | 256            | 385           | 0.06%           | 0.007%        |
| 9         | 3.355       | 370           | 372         | 374          | rVB      | 221            | 165           | 0.02%           | 0.003%        |
| 10        | 3.422       | 381           | 383         | 385          | rVV      | 211            | 171           | 0.03%           | 0.003%        |
| 11        | 3.611       | 406           | 414         | 426          | rVB2     | 6821           | 17024         | 2.52%           | 0.314%        |
| 12        | 3.696       | 426           | 428         | 431          | rBV2     | 158            | 257           | 0.04%           | 0.005%        |
| 13        | 3.757       | 435           | 438         | 441          | rVV      | 440            | 489           | 0.07%           | 0.009%        |
| 14        | 4.142       | 497           | 501         | 502          | rBV2     | 213            | 258           | 0.04%           | 0.005%        |
| 15        | 4.452       | 543           | 552         | 569          | rBV2     | 53437          | 159039        | 23.51%          | 2.938%        |
| 16        | 4.794       | 606           | 608         | 610          | rVB2     | 264            | 208           | 0.03%           | 0.004%        |
| 17        | 5.062       | 637           | 652         | 668          | rBV3     | 89651          | 280702        | 41.50%          | 5.185%        |
| 18        | 5.294       | 687           | 690         | 691          | rBV      | 202            | 164           | 0.02%           | 0.003%        |
| 19        | 5.343       | 694           | 698         | 699          | rBV      | 161            | 213           | 0.03%           | 0.004%        |
| 20        | 5.361       | 699           | 701         | 702          | rBV2     | 693            | 467           | 0.07%           | 0.009%        |
| 21        | 5.538       | 727           | 730         | 732          | rBV2     | 366            | 420           | 0.06%           | 0.008%        |
| 22        | 5.684       | 752           | 754         | 758          | rVB2     | 155            | 172           | 0.03%           | 0.003%        |
| 23        | 5.714       | 758           | 759         | 764          | rVB      | 206            | 221           | 0.03%           | 0.004%        |
| 24        | 5.763       | 764           | 767         | 769          | rVB      | 273            | 254           | 0.04%           | 0.005%        |
| 25        | 5.818       | 774           | 776         | 779          | rVB      | 317            | 348           | 0.05%           | 0.006%        |
| 26        | 5.861       | 779           | 783         | 788          | rBV2     | 193            | 501           | 0.07%           | 0.009%        |
| 27        | 5.964       | 789           | 800         | 815          | rBV2     | 223220         | 676388        | 100.00%         | 12.495%       |
| 28        | 6.312       | 855           | 857         | 861          | rVB      | 173            | 230           | 0.03%           | 0.004%        |
| 29        | 6.355       | 861           | 864         | 865          | rBV      | 319            | 280           | 0.04%           | 0.005%        |
| 30        | 6.440       | 877           | 878         | 882          | rBV2     | 210            | 262           | 0.04%           | 0.005%        |
| 31        | 6.544       | 894           | 895         | 898          | rVV      | 332            | 223           | 0.03%           | 0.004%        |
| 32        | 6.757       | 921           | 930         | 942          | rBV      | 150497         | 363950        | 53.81%          | 6.723%        |
| 33        | 6.915       | 954           | 956         | 957          | rBV      | 383            | 181           | 0.03%           | 0.003%        |
| 34        | 7.123       | 982           | 990         | 998          | rBV5     | 5608           | 13984         | 2.07%           | 0.258%        |
| 35        | 7.306       | 1012          | 1020        | 1033         | rBV      | 136101         | 302853        | 44.78%          | 5.595%        |
| 36        | 7.769       | 1091          | 1096        | 1099         | rVB2     | 236            | 386           | 0.06%           | 0.007%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
 Data File : VX040704.D  
 Acq On : 18 Mar 2024 17:08  
 Operator : JC/MD  
 Sample : P1754-20DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL28DL

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 | 7.805  | 1099 | 1102 | 1105 | rBV  | 241    | 365    | 0.05%  | 0.007% |
| 38 | 7.842  | 1105 | 1108 | 1110 | rVB2 | 259    | 230    | 0.03%  | 0.004% |
| 39 | 7.946  | 1120 | 1125 | 1130 | rVB3 | 718    | 1324   | 0.20%  | 0.024% |
| 40 | 8.049  | 1140 | 1142 | 1144 | rVB  | 292    | 221    | 0.03%  | 0.004% |
| 41 | 8.196  | 1163 | 1166 | 1168 | rVB2 | 253    | 294    | 0.04%  | 0.005% |
| 42 | 8.232  | 1168 | 1172 | 1176 | rBV2 | 226    | 396    | 0.06%  | 0.007% |
| 43 | 8.324  | 1181 | 1187 | 1197 | rBV  | 95308  | 153900 | 22.75% | 2.843% |
| 44 | 8.494  | 1212 | 1215 | 1216 | rVV3 | 459    | 457    | 0.07%  | 0.008% |
| 45 | 8.647  | 1233 | 1240 | 1258 | rBV  | 347567 | 535290 | 79.14% | 9.888% |
| 46 | 8.866  | 1273 | 1276 | 1278 | rVB2 | 214    | 227    | 0.03%  | 0.004% |
| 47 | 8.897  | 1278 | 1281 | 1282 | rBV  | 249    | 243    | 0.04%  | 0.004% |
| 48 | 8.952  | 1284 | 1290 | 1299 | rVV  | 69103  | 104907 | 15.51% | 1.938% |
| 49 | 9.165  | 1322 | 1325 | 1327 | rBV2 | 213    | 305    | 0.05%  | 0.006% |
| 50 | 9.275  | 1338 | 1343 | 1347 | rBV3 | 957    | 1255   | 0.19%  | 0.023% |
| 51 | 9.324  | 1349 | 1351 | 1355 | rVB2 | 238    | 232    | 0.03%  | 0.004% |
| 52 | 9.384  | 1355 | 1361 | 1370 | rBV  | 247111 | 359295 | 53.12% | 6.637% |
| 53 | 9.659  | 1404 | 1406 | 1409 | rVB  | 189    | 177    | 0.03%  | 0.003% |
| 54 | 9.708  | 1413 | 1414 | 1419 | rVB  | 232    | 271    | 0.04%  | 0.005% |
| 55 | 9.750  | 1419 | 1421 | 1423 | rBV2 | 211    | 207    | 0.03%  | 0.004% |
| 56 | 10.055 | 1464 | 1471 | 1486 | rBV  | 324341 | 454772 | 67.24% | 8.401% |
| 57 | 10.268 | 1503 | 1506 | 1510 | rBV2 | 339    | 368    | 0.05%  | 0.007% |
| 58 | 10.305 | 1510 | 1512 | 1513 | rBV2 | 275    | 175    | 0.03%  | 0.003% |
| 59 | 10.366 | 1520 | 1522 | 1524 | rBV  | 233    | 237    | 0.04%  | 0.004% |
| 60 | 10.518 | 1543 | 1547 | 1549 | rBV2 | 152    | 215    | 0.03%  | 0.004% |
| 61 | 10.878 | 1603 | 1606 | 1609 | rBV  | 262    | 331    | 0.05%  | 0.006% |
| 62 | 10.957 | 1618 | 1619 | 1620 | rBV  | 396    | 201    | 0.03%  | 0.004% |
| 63 | 11.085 | 1637 | 1640 | 1645 | rVB3 | 844    | 1197   | 0.18%  | 0.022% |
| 64 | 11.189 | 1652 | 1657 | 1665 | rBV  | 255376 | 323991 | 47.90% | 5.985% |
| 65 | 11.323 | 1673 | 1679 | 1681 | rBV3 | 319    | 594    | 0.09%  | 0.011% |
| 66 | 11.378 | 1687 | 1688 | 1691 | rBV  | 239    | 196    | 0.03%  | 0.004% |
| 67 | 11.658 | 1729 | 1734 | 1735 | rBV  | 224    | 349    | 0.05%  | 0.006% |
| 68 | 11.732 | 1743 | 1746 | 1748 | rVB2 | 241    | 273    | 0.04%  | 0.005% |
| 69 | 11.933 | 1777 | 1779 | 1782 | rVB  | 275    | 294    | 0.04%  | 0.005% |
| 70 | 11.975 | 1782 | 1786 | 1788 | rBV2 | 391    | 551    | 0.08%  | 0.010% |
| 71 | 12.018 | 1788 | 1793 | 1807 | rBV  | 337874 | 440375 | 65.11% | 8.135% |
| 72 | 12.116 | 1807 | 1809 | 1810 | rBV2 | 238    | 169    | 0.02%  | 0.003% |
| 73 | 12.317 | 1837 | 1842 | 1852 | rBV  | 377326 | 485176 | 71.73% | 8.963% |
| 74 | 12.518 | 1874 | 1875 | 1879 | rVB2 | 204    | 179    | 0.03%  | 0.003% |
| 75 | 12.628 | 1889 | 1893 | 1894 | rBV  | 185    | 260    | 0.04%  | 0.005% |
| 76 | 12.731 | 1904 | 1910 | 1912 | rBV2 | 259    | 470    | 0.07%  | 0.009% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
 Data File : VX040704.D  
 Acq On : 18 Mar 2024 17:08  
 Operator : JC/MD  
 Sample : P1754-20DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL28DL

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  | 12.762 | 1912 | 1915 | 1919 | rVV2 | 473  | 709  | 0.10% | 0.013% |
| 78  | 12.823 | 1923 | 1925 | 1927 | rBV2 | 194  | 191  | 0.03% | 0.004% |
| 79  | 12.920 | 1938 | 1941 | 1943 | rBV2 | 234  | 289  | 0.04% | 0.005% |
| 80  | 13.103 | 1967 | 1971 | 1972 | rBV2 | 365  | 322  | 0.05% | 0.006% |
| 81  | 13.646 | 2056 | 2060 | 2061 | rBV2 | 252  | 253  | 0.04% | 0.005% |
| 82  | 13.774 | 2080 | 2081 | 2084 | rBV2 | 356  | 342  | 0.05% | 0.006% |
| 83  | 13.871 | 2095 | 2097 | 2098 | rVV  | 292  | 188  | 0.03% | 0.003% |
| 84  | 14.012 | 2118 | 2120 | 2123 | rVB  | 246  | 176  | 0.03% | 0.003% |
| 85  | 14.048 | 2123 | 2126 | 2127 | rBV  | 220  | 201  | 0.03% | 0.004% |
| 86  | 14.128 | 2134 | 2139 | 2145 | rBV2 | 1385 | 2029 | 0.30% | 0.037% |
| 87  | 14.195 | 2148 | 2150 | 2155 | rVB2 | 252  | 245  | 0.04% | 0.005% |
| 88  | 14.268 | 2160 | 2162 | 2163 | rBV  | 292  | 167  | 0.02% | 0.003% |
| 89  | 14.493 | 2197 | 2199 | 2201 | rVB2 | 256  | 212  | 0.03% | 0.004% |
| 90  | 14.518 | 2201 | 2203 | 2204 | rBV  | 240  | 172  | 0.03% | 0.003% |
| 91  | 14.591 | 2213 | 2215 | 2217 | rVB2 | 279  | 195  | 0.03% | 0.004% |
| 92  | 14.615 | 2217 | 2219 | 2222 | rBV2 | 223  | 282  | 0.04% | 0.005% |
| 93  | 14.713 | 2233 | 2235 | 2236 | rBV  | 196  | 170  | 0.03% | 0.003% |
| 94  | 15.432 | 2351 | 2353 | 2357 | rBV3 | 315  | 562  | 0.08% | 0.010% |
| 95  | 15.499 | 2362 | 2364 | 2366 | rBV  | 356  | 296  | 0.04% | 0.005% |
| 96  | 15.780 | 2408 | 2410 | 2412 | rBV  | 264  | 229  | 0.03% | 0.004% |
| 97  | 16.030 | 2449 | 2451 | 2454 | rBV2 | 345  | 328  | 0.05% | 0.006% |
| 98  | 16.176 | 2473 | 2475 | 2477 | rBV  | 207  | 191  | 0.03% | 0.004% |
| 99  | 16.584 | 2538 | 2542 | 2543 | rBV2 | 240  | 305  | 0.05% | 0.006% |
| 100 | 16.700 | 2559 | 2561 | 2562 | rBV2 | 288  | 245  | 0.04% | 0.005% |

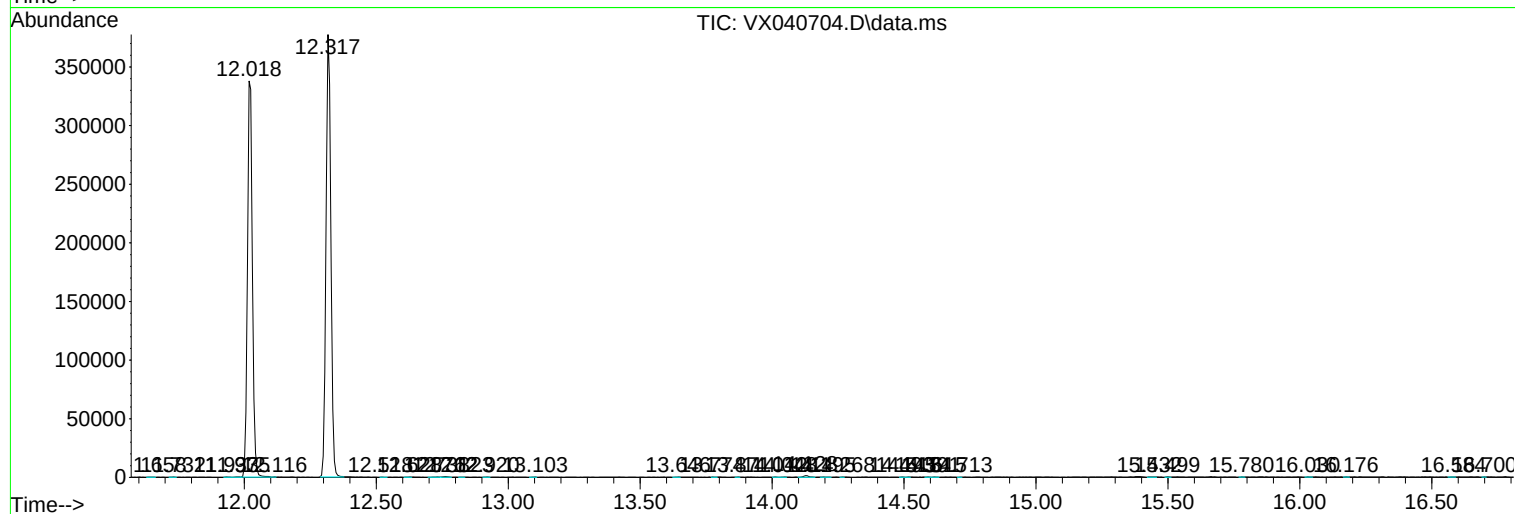
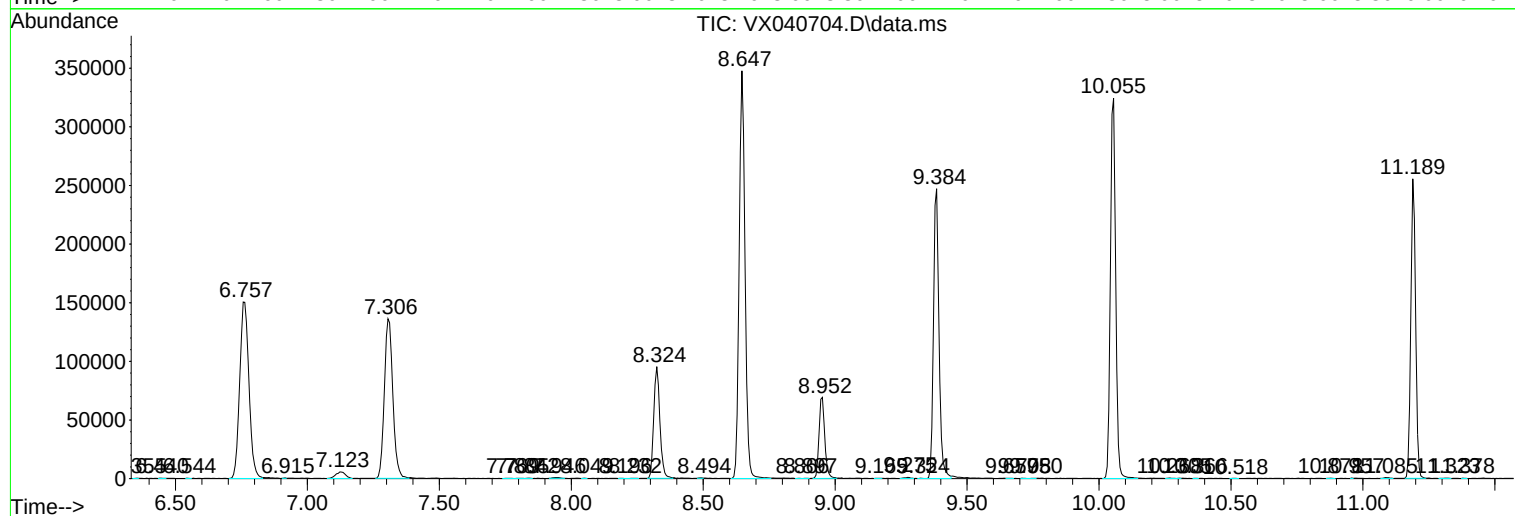
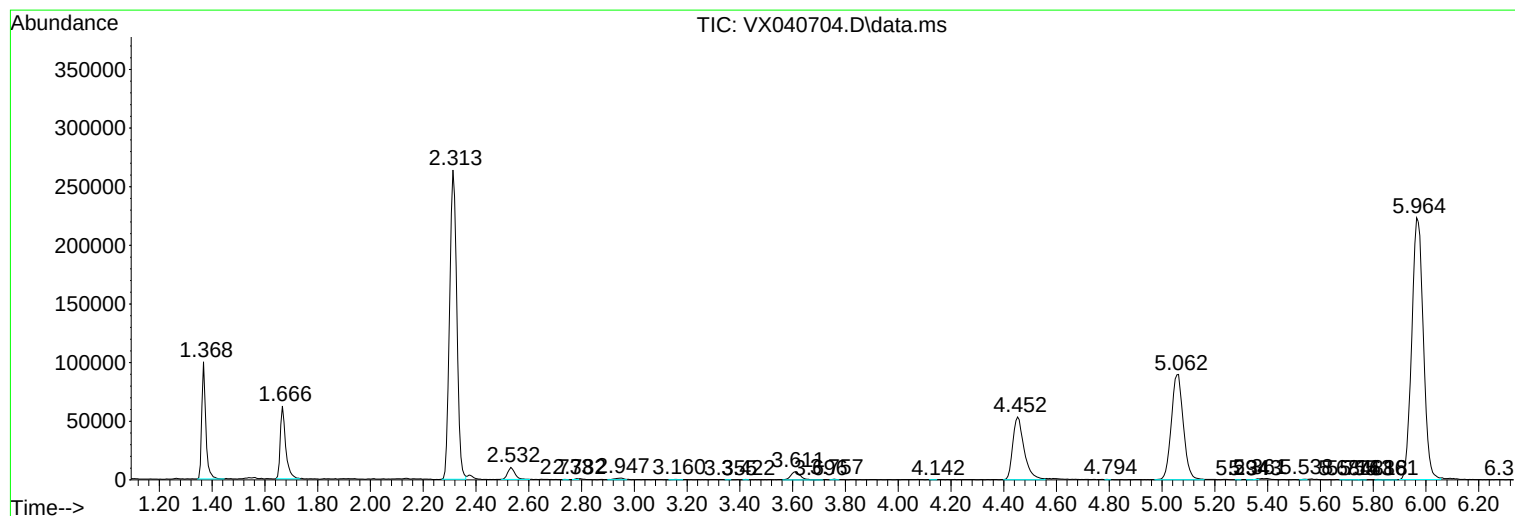
Sum of corrected areas: 5413392

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
Data File : VX040704.D  
Acq On : 18 Mar 2024 17:08  
Operator : JC/MD  
Sample : P1754-20DL 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
YCL28DL

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\VX031824\  
Data File : VX040704.D  
Acq On : 18 Mar 2024 17:08  
Operator : JC/MD  
Sample : P1754-20DL 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
YCL28DL

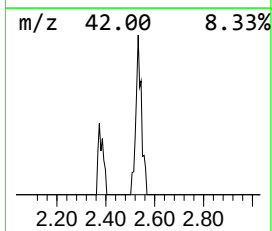
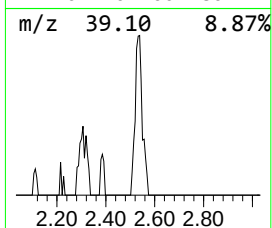
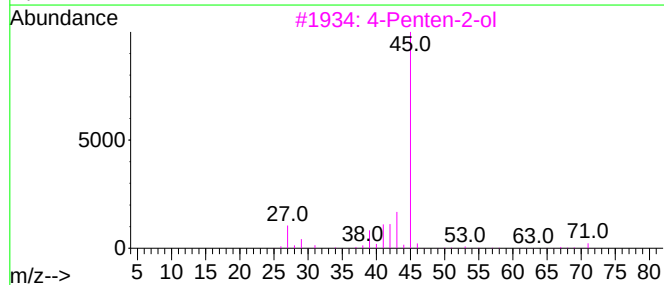
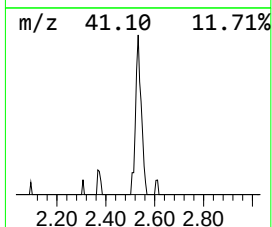
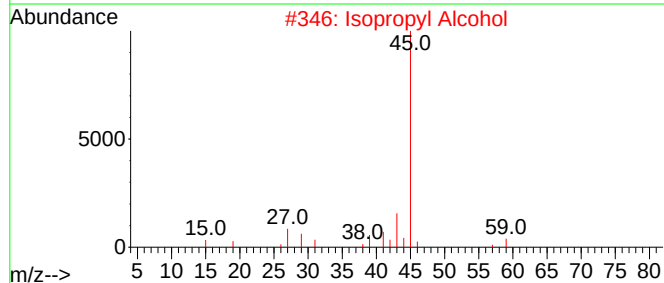
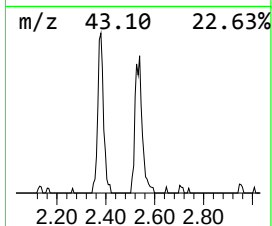
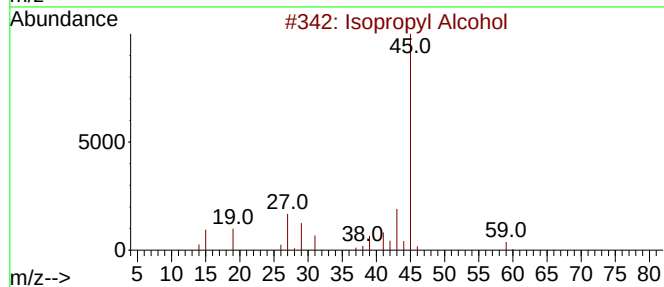
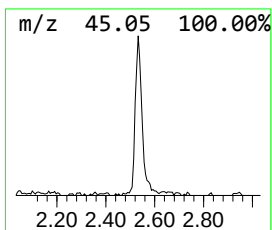
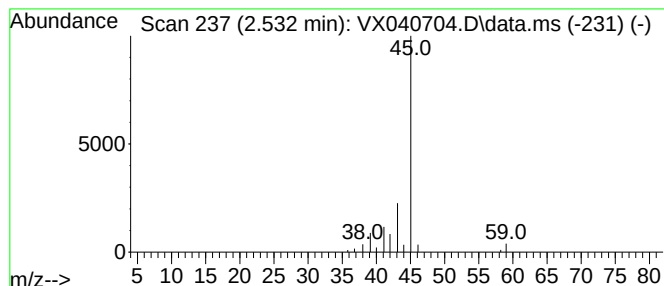
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.532 | 2.63 ug/L | 19162 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 40   |
| 2    |    |   | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 9    |
| 3    |    |   | 4-Penten-2-ol           | 86 | C5H10O  | 000625-31-0 | 9    |
| 4    |    |   | 2-Propanone, 1-methoxy- | 88 | C4H8O2  | 005878-19-3 | 9    |
| 5    |    |   | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
Data File : VX040704.D  
Acq On : 18 Mar 2024 17:08  
Operator : JC/MD  
Sample : P1754-20DL 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
YCL28DL

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 2.532 | 2.6     | ug/L  | 19162    | 1                     | 6.763 | 363950 | 50.0 |