

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071824\  
 Data File : VX042380.D  
 Acq On : 18 Jul 2024 19:20  
 Operator : JC/MD  
 Sample : P3238-08ME  
 Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A4BF3ME

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\SFAMXML070324WMA.M  
 Title : VOC Analysis

Signal : TIC: VX042380.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         | 1.258       | 22            | 28          | 37           | rBV2     | 15695          | 25864         | 2.90%           | 0.388%        |
| 2         | 1.368       | 43            | 46          | 59           | rBV      | 39782          | 86702         | 9.73%           | 1.300%        |
| 3         | 1.520       | 69            | 71          | 72           | rBV2     | 833            | 618           | 0.07%           | 0.009%        |
| 4         | 1.648       | 86            | 92          | 96           | rBV2     | 31387          | 60018         | 6.73%           | 0.900%        |
| 5         | 2.239       | 188           | 189         | 190          | rBV      | 234            | 107           | 0.01%           | 0.002%        |
| 6         | 2.282       | 190           | 196         | 212          | rBV      | 130703         | 243941        | 27.37%          | 3.659%        |
| 7         | 2.654       | 255           | 257         | 258          | rBV      | 151            | 113           | 0.01%           | 0.002%        |
| 8         | 2.672       | 258           | 260         | 261          | rBV      | 250            | 127           | 0.01%           | 0.002%        |
| 9         | 2.715       | 261           | 267         | 275          | rBV2     | 17935          | 36118         | 4.05%           | 0.542%        |
| 10        | 2.934       | 301           | 303         | 304          | rBV      | 232            | 167           | 0.02%           | 0.003%        |
| 11        | 3.026       | 316           | 318         | 321          | rVB      | 161            | 121           | 0.01%           | 0.002%        |
| 12        | 3.221       | 348           | 350         | 351          | rBV      | 142            | 113           | 0.01%           | 0.002%        |
| 13        | 3.337       | 365           | 369         | 371          | rBV3     | 480            | 785           | 0.09%           | 0.012%        |
| 14        | 3.453       | 385           | 388         | 389          | rBV      | 94             | 108           | 0.01%           | 0.002%        |
| 15        | 3.629       | 415           | 417         | 418          | rBV      | 152            | 120           | 0.01%           | 0.002%        |
| 16        | 3.764       | 435           | 439         | 440          | rBV      | 119            | 162           | 0.02%           | 0.002%        |
| 17        | 3.971       | 470           | 473         | 474          | rBV2     | 174            | 184           | 0.02%           | 0.003%        |
| 18        | 4.148       | 500           | 502         | 504          | rVB      | 156            | 131           | 0.01%           | 0.002%        |
| 19        | 4.166       | 504           | 505         | 508          | rBV2     | 167            | 147           | 0.02%           | 0.002%        |
| 20        | 4.245       | 515           | 518         | 521          | rBV2     | 156            | 276           | 0.03%           | 0.004%        |
| 21        | 4.373       | 538           | 539         | 541          | rBV      | 172            | 130           | 0.01%           | 0.002%        |
| 22        | 4.489       | 546           | 558         | 579          | rBV2     | 61099          | 221799        | 24.88%          | 3.327%        |
| 23        | 4.940       | 631           | 632         | 636          | rVB      | 289            | 255           | 0.03%           | 0.004%        |
| 24        | 5.056       | 639           | 651         | 667          | rVV      | 114980         | 353973        | 39.71%          | 5.309%        |
| 25        | 5.379       | 703           | 704         | 707          | rBV2     | 226            | 229           | 0.03%           | 0.003%        |
| 26        | 5.556       | 726           | 733         | 736          | rBV3     | 495            | 951           | 0.11%           | 0.014%        |
| 27        | 5.727       | 758           | 761         | 762          | rBV2     | 220            | 164           | 0.02%           | 0.002%        |
| 28        | 5.849       | 780           | 781         | 784          | rBV2     | 175            | 194           | 0.02%           | 0.003%        |
| 29        | 5.964       | 789           | 800         | 816          | rBV2     | 309301         | 891387        | 100.00%         | 13.370%       |
| 30        | 6.373       | 864           | 867         | 868          | rBV      | 471            | 393           | 0.04%           | 0.006%        |
| 31        | 6.428       | 874           | 876         | 878          | rBV2     | 203            | 127           | 0.01%           | 0.002%        |
| 32        | 6.501       | 884           | 888         | 889          | rBV      | 156            | 159           | 0.02%           | 0.002%        |
| 33        | 6.598       | 901           | 904         | 906          | rBV      | 208            | 195           | 0.02%           | 0.003%        |
| 34        | 6.623       | 906           | 908         | 911          | rVB      | 133            | 140           | 0.02%           | 0.002%        |
| 35        | 6.672       | 913           | 916         | 920          | rBV2     | 337            | 431           | 0.05%           | 0.006%        |
| 36        | 6.757       | 921           | 930         | 956          | rVV      | 191744         | 459958        | 51.60%          | 6.899%        |

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 A4BF3ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMXML070324WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 7.111  | 981  | 988  | 997  | rVB4 | 1976   | 4677   | 0.52%  | 0.070%  |
| 38 | 7.214  | 1001 | 1005 | 1006 | rBV2 | 441    | 579    | 0.06%  | 0.009%  |
| 39 | 7.306  | 1011 | 1020 | 1041 | rBV  | 186712 | 413299 | 46.37% | 6.199%  |
| 40 | 7.476  | 1045 | 1048 | 1049 | rBV3 | 424    | 327    | 0.04%  | 0.005%  |
| 41 | 7.708  | 1083 | 1086 | 1088 | rBV2 | 150    | 246    | 0.03%  | 0.004%  |
| 42 | 7.726  | 1088 | 1089 | 1090 | rBV  | 273    | 156    | 0.02%  | 0.002%  |
| 43 | 7.958  | 1122 | 1127 | 1128 | rBV3 | 853    | 1347   | 0.15%  | 0.020%  |
| 44 | 8.049  | 1140 | 1142 | 1146 | rVB2 | 158    | 191    | 0.02%  | 0.003%  |
| 45 | 8.086  | 1146 | 1148 | 1150 | rBV  | 131    | 110    | 0.01%  | 0.002%  |
| 46 | 8.165  | 1159 | 1161 | 1163 | rVB  | 157    | 113    | 0.01%  | 0.002%  |
| 47 | 8.183  | 1163 | 1164 | 1167 | rBV  | 135    | 122    | 0.01%  | 0.002%  |
| 48 | 8.324  | 1181 | 1187 | 1205 | rBV  | 104244 | 179341 | 20.12% | 2.690%  |
| 49 | 8.574  | 1227 | 1228 | 1230 | rBV  | 303    | 305    | 0.03%  | 0.005%  |
| 50 | 8.647  | 1234 | 1240 | 1251 | rBV  | 448425 | 707870 | 79.41% | 10.618% |
| 51 | 8.952  | 1285 | 1290 | 1305 | rBV  | 78021  | 120567 | 13.53% | 1.808%  |
| 52 | 9.153  | 1321 | 1323 | 1325 | rBV  | 183    | 173    | 0.02%  | 0.003%  |
| 53 | 9.256  | 1339 | 1340 | 1341 | rBV  | 254    | 114    | 0.01%  | 0.002%  |
| 54 | 9.275  | 1341 | 1343 | 1347 | rVB3 | 552    | 562    | 0.06%  | 0.008%  |
| 55 | 9.317  | 1347 | 1350 | 1351 | rVB  | 150    | 143    | 0.02%  | 0.002%  |
| 56 | 9.391  | 1356 | 1362 | 1382 | rBV  | 273163 | 494385 | 55.46% | 7.416%  |
| 57 | 9.830  | 1431 | 1434 | 1436 | rBV3 | 107    | 132    | 0.01%  | 0.002%  |
| 58 | 9.945  | 1451 | 1453 | 1455 | rVB2 | 205    | 165    | 0.02%  | 0.002%  |
| 59 | 9.994  | 1458 | 1461 | 1462 | rBV  | 129    | 124    | 0.01%  | 0.002%  |
| 60 | 10.055 | 1465 | 1471 | 1490 | rVV  | 389638 | 536170 | 60.15% | 8.042%  |
| 61 | 10.311 | 1509 | 1513 | 1518 | rVB4 | 588    | 996    | 0.11%  | 0.015%  |
| 62 | 10.360 | 1518 | 1521 | 1524 | rBV2 | 128    | 170    | 0.02%  | 0.003%  |
| 63 | 10.506 | 1543 | 1545 | 1548 | rBV2 | 107    | 124    | 0.01%  | 0.002%  |
| 64 | 10.610 | 1559 | 1562 | 1565 | rBV2 | 159    | 201    | 0.02%  | 0.003%  |
| 65 | 10.640 | 1565 | 1567 | 1568 | rBV  | 289    | 162    | 0.02%  | 0.002%  |
| 66 | 10.817 | 1592 | 1596 | 1599 | rBV3 | 2160   | 2782   | 0.31%  | 0.042%  |
| 67 | 10.963 | 1615 | 1620 | 1627 | rBV3 | 2819   | 4418   | 0.50%  | 0.066%  |
| 68 | 11.067 | 1634 | 1637 | 1638 | rBV2 | 153    | 207    | 0.02%  | 0.003%  |
| 69 | 11.195 | 1649 | 1658 | 1671 | rBV  | 393411 | 529923 | 59.45% | 7.949%  |
| 70 | 11.433 | 1696 | 1697 | 1699 | rBV  | 214    | 122    | 0.01%  | 0.002%  |
| 71 | 11.457 | 1699 | 1701 | 1703 | rVV2 | 192    | 189    | 0.02%  | 0.003%  |
| 72 | 11.494 | 1703 | 1707 | 1712 | rVV3 | 445    | 632    | 0.07%  | 0.009%  |
| 73 | 11.579 | 1719 | 1721 | 1722 | rBV  | 170    | 120    | 0.01%  | 0.002%  |
| 74 | 11.622 | 1726 | 1728 | 1730 | rBV2 | 173    | 202    | 0.02%  | 0.003%  |
| 75 | 11.707 | 1741 | 1742 | 1745 | rVB  | 455    | 297    | 0.03%  | 0.004%  |
| 76 | 11.847 | 1760 | 1765 | 1767 | rBV2 | 180    | 261    | 0.03%  | 0.004%  |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A4BF3ME

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\SFAMXML070324WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 11.915 | 1774 | 1776 | 1778 | rVB2 | 137    | 117    | 0.01%  | 0.002%  |
| 78  | 11.982 | 1782 | 1787 | 1789 | rBV2 | 2113   | 2783   | 0.31%  | 0.042%  |
| 79  | 12.024 | 1789 | 1794 | 1805 | rVB  | 406307 | 520428 | 58.38% | 7.806%  |
| 80  | 12.225 | 1824 | 1827 | 1830 | rBV3 | 1140   | 1439   | 0.16%  | 0.022%  |
| 81  | 12.317 | 1837 | 1842 | 1854 | rBV  | 548575 | 713788 | 80.08% | 10.707% |
| 82  | 12.475 | 1866 | 1868 | 1870 | rBV2 | 207    | 228    | 0.03%  | 0.003%  |
| 83  | 12.530 | 1873 | 1877 | 1882 | rBV3 | 288    | 497    | 0.06%  | 0.007%  |
| 84  | 12.768 | 1912 | 1916 | 1920 | rVV3 | 642    | 919    | 0.10%  | 0.014%  |
| 85  | 12.872 | 1929 | 1933 | 1941 | rBV  | 8320   | 11269  | 1.26%  | 0.169%  |
| 86  | 13.085 | 1966 | 1968 | 1969 | rBV2 | 267    | 193    | 0.02%  | 0.003%  |
| 87  | 13.207 | 1986 | 1988 | 1989 | rVB2 | 195    | 128    | 0.01%  | 0.002%  |
| 88  | 13.353 | 2010 | 2012 | 2013 | rBV  | 199    | 125    | 0.01%  | 0.002%  |
| 89  | 13.408 | 2013 | 2021 | 2025 | rBV4 | 4825   | 9511   | 1.07%  | 0.143%  |
| 90  | 13.682 | 2063 | 2066 | 2073 | rVV3 | 1380   | 2017   | 0.23%  | 0.030%  |
| 91  | 13.780 | 2075 | 2082 | 2089 | rVB5 | 1078   | 2611   | 0.29%  | 0.039%  |
| 92  | 13.890 | 2098 | 2100 | 2101 | rBV  | 224    | 121    | 0.01%  | 0.002%  |
| 93  | 13.908 | 2101 | 2103 | 2106 | rVB2 | 149    | 145    | 0.02%  | 0.002%  |
| 94  | 13.987 | 2114 | 2116 | 2118 | rBV2 | 224    | 194    | 0.02%  | 0.003%  |
| 95  | 14.128 | 2136 | 2139 | 2143 | rVV2 | 852    | 1091   | 0.12%  | 0.016%  |
| 96  | 14.158 | 2143 | 2144 | 2150 | rVV5 | 410    | 501    | 0.06%  | 0.008%  |
| 97  | 14.207 | 2150 | 2152 | 2154 | rVB2 | 268    | 237    | 0.03%  | 0.004%  |
| 98  | 14.359 | 2174 | 2177 | 2179 | rBV2 | 379    | 424    | 0.05%  | 0.006%  |
| 99  | 14.426 | 2183 | 2188 | 2198 | rBV2 | 3787   | 6724   | 0.75%  | 0.101%  |
| 100 | 15.956 | 2435 | 2439 | 2444 | rBV4 | 1774   | 2936   | 0.33%  | 0.044%  |

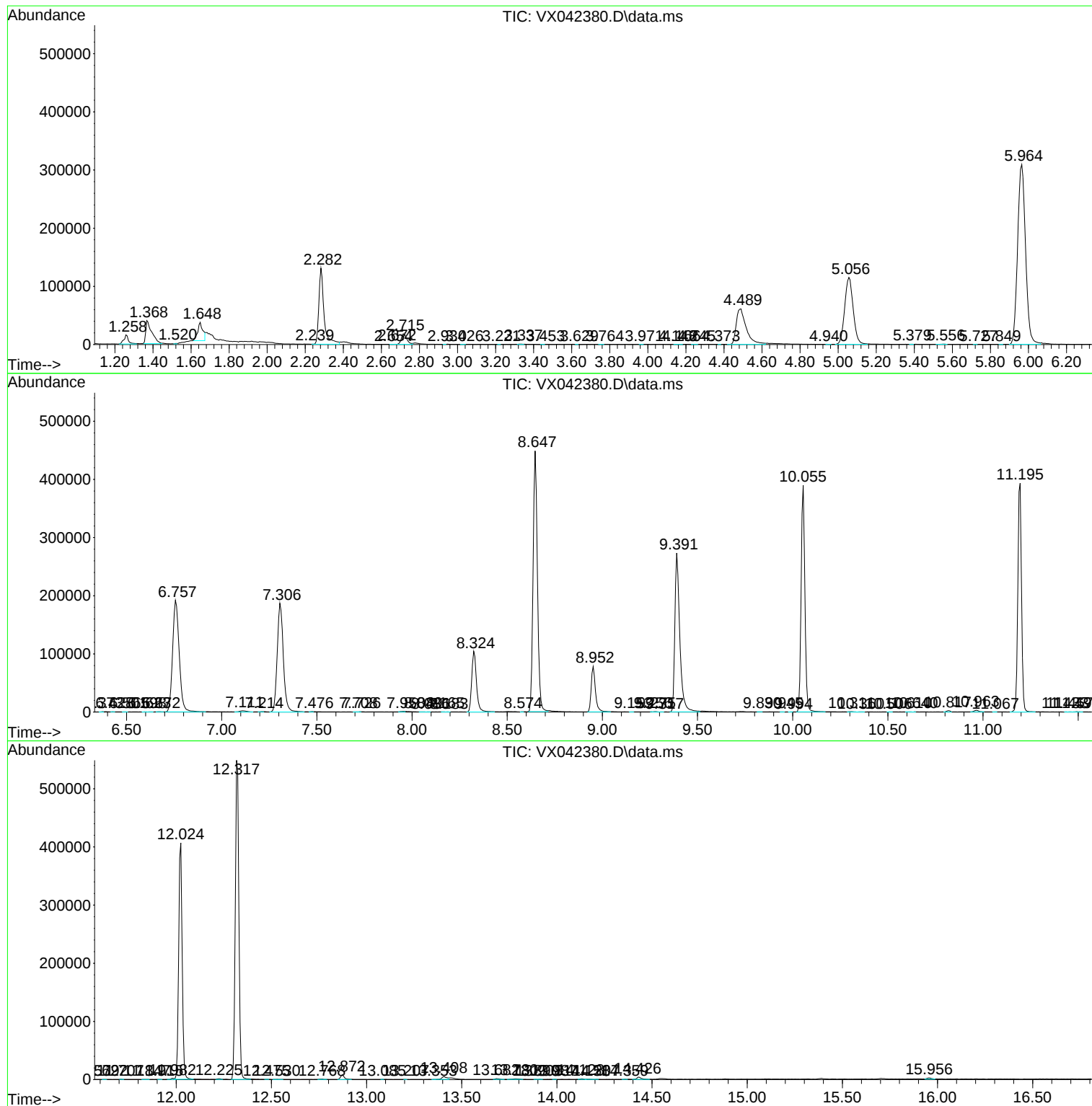
Sum of corrected areas: 6666857

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
A4BF3ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071824\  
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MSVOA\_X  
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A4BF3ME

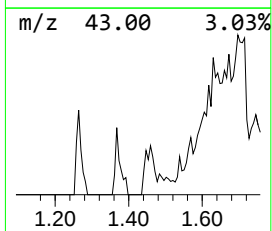
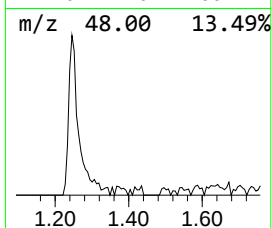
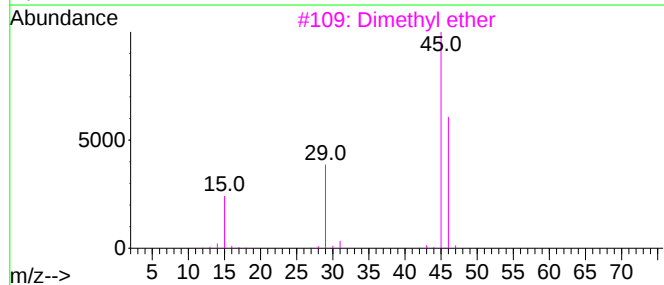
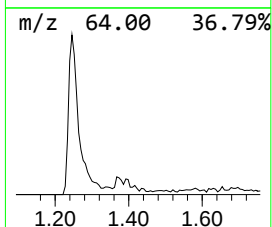
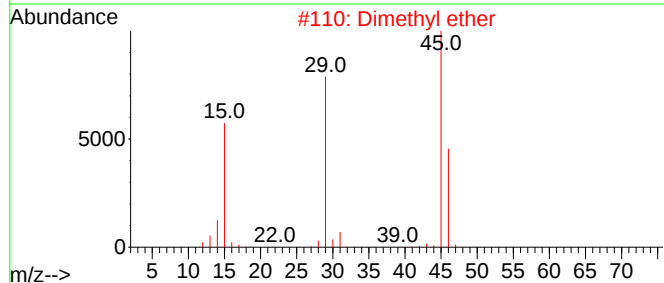
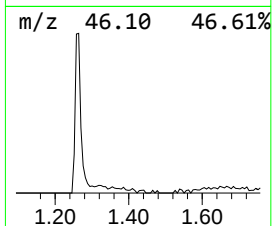
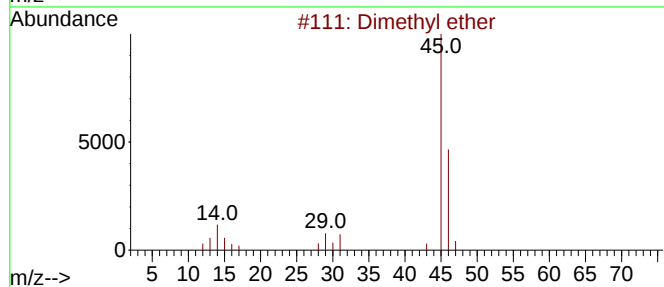
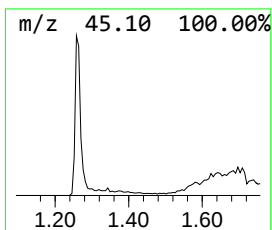
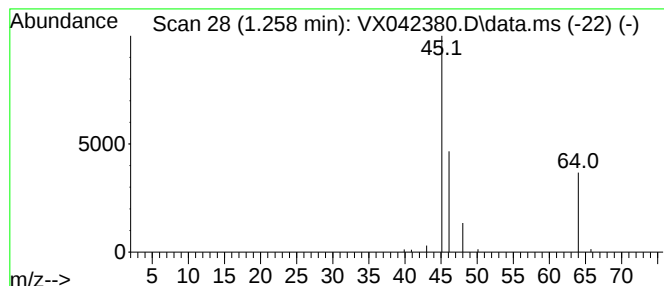
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
Quant Title : VOC Analysis

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.  |
|-------|-----------|-------|---------------------|-------|
| 1.258 | 2.81 ug/L | 25864 | 1,4-Difluorobenzene | 6.757 |

| Hit# | of | 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl ether | 46 | C2H6O   | 000115-10-6 | 7    |
| 2    |    |   | Dimethyl ether | 46 | C2H6O   | 000115-10-6 | 7    |
| 3    |    |   | Dimethyl ether | 46 | C2H6O   | 000115-10-6 | 5    |
| 4    |    |   | Ethanol        | 46 | C2H6O   | 000064-17-5 | 4    |
| 5    |    |   | Ethanol        | 46 | C2H6O   | 000064-17-5 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.258 | 2.8     | ug/L  | 25864    | 1                     | 6.757 | 459958 | 50.0 |