

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
 Data File : VX026085.D  
 Acq On : 28 Dec 2021 00:59  
 Operator : JC/MD  
 Sample : PB141699ZHE#03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB141699ZHE#03

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\SFAMXLM122321WMA.M  
 Title : VOC Analysis

Signal : TIC: VX026085.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         | 1.374       | 43            | 47          | 52           | rVB      | 94408          | 96623         | 3.38%           | 0.657%        |
| 2         | 1.673       | 92            | 96          | 102          | rVB      | 92640          | 106311        | 3.72%           | 0.723%        |
| 3         | 2.313       | 195           | 201         | 209          | rBV      | 173749         | 280429        | 9.82%           | 1.907%        |
| 4         | 2.386       | 209           | 213         | 224          | rVB      | 17669          | 31824         | 1.11%           | 0.216%        |
| 5         | 2.550       | 238           | 240         | 241          | rBV      | 864            | 567           | 0.02%           | 0.004%        |
| 6         | 2.672       | 258           | 260         | 261          | rBV      | 953            | 659           | 0.02%           | 0.004%        |
| 7         | 2.709       | 261           | 266         | 270          | rVV3     | 1727           | 3415          | 0.12%           | 0.023%        |
| 8         | 2.794       | 273           | 280         | 288          | rVV      | 51403          | 95117         | 3.33%           | 0.647%        |
| 9         | 2.947       | 296           | 305         | 314          | rBV2     | 4954           | 12880         | 0.45%           | 0.088%        |
| 10        | 3.069       | 322           | 325         | 326          | rBV      | 468            | 458           | 0.02%           | 0.003%        |
| 11        | 3.319       | 363           | 366         | 368          | rBV2     | 819            | 1203          | 0.04%           | 0.008%        |
| 12        | 3.453       | 381           | 388         | 394          | rBV4     | 1341           | 2782          | 0.10%           | 0.019%        |
| 13        | 3.575       | 403           | 408         | 415          | rBV2     | 3917           | 8873          | 0.31%           | 0.060%        |
| 14        | 3.648       | 418           | 420         | 422          | rVB      | 682            | 552           | 0.02%           | 0.004%        |
| 15        | 3.672       | 422           | 424         | 426          | rBV      | 595            | 647           | 0.02%           | 0.004%        |
| 16        | 3.733       | 432           | 434         | 437          | rBV      | 698            | 913           | 0.03%           | 0.006%        |
| 17        | 3.788       | 440           | 443         | 447          | rVV2     | 764            | 931           | 0.03%           | 0.006%        |
| 18        | 3.904       | 459           | 462         | 464          | rBV2     | 874            | 1249          | 0.04%           | 0.008%        |
| 19        | 3.989       | 474           | 476         | 480          | rVB      | 647            | 629           | 0.02%           | 0.004%        |
| 20        | 4.062       | 484           | 488         | 489          | rBV      | 591            | 807           | 0.03%           | 0.005%        |
| 21        | 4.318       | 527           | 530         | 531          | rBV2     | 534            | 523           | 0.02%           | 0.004%        |
| 22        | 4.373       | 537           | 539         | 542          | rVB      | 598            | 551           | 0.02%           | 0.004%        |
| 23        | 4.459       | 544           | 553         | 566          | rBV2     | 76175          | 222086        | 7.78%           | 1.510%        |
| 24        | 4.769       | 602           | 604         | 605          | rVB      | 1006           | 589           | 0.02%           | 0.004%        |
| 25        | 4.794       | 605           | 608         | 611          | rBV      | 650            | 931           | 0.03%           | 0.006%        |
| 26        | 5.062       | 641           | 652         | 668          | rVB      | 119774         | 364391        | 12.76%          | 2.478%        |
| 27        | 5.385       | 703           | 705         | 706          | rBV      | 658            | 538           | 0.02%           | 0.004%        |
| 28        | 5.501       | 721           | 724         | 726          | rBV2     | 410            | 627           | 0.02%           | 0.004%        |
| 29        | 5.562       | 729           | 734         | 737          | rBV2     | 1054           | 1638          | 0.06%           | 0.011%        |
| 30        | 5.666       | 749           | 751         | 753          | rBV2     | 415            | 470           | 0.02%           | 0.003%        |
| 31        | 5.721       | 758           | 760         | 762          | rVB2     | 572            | 518           | 0.02%           | 0.004%        |
| 32        | 5.830       | 776           | 778         | 781          | rBV      | 429            | 467           | 0.02%           | 0.003%        |
| 33        | 5.977       | 789           | 802         | 815          | rBV2     | 293169         | 879495        | 30.80%          | 5.980%        |
| 34        | 6.342       | 855           | 862         | 874          | rVB2     | 12773          | 35273         | 1.24%           | 0.240%        |
| 35        | 6.696       | 918           | 920         | 922          | rVB      | 621            | 511           | 0.02%           | 0.003%        |
| 36        | 6.763       | 922           | 931         | 944          | rBV      | 202711         | 510860        | 17.89%          | 3.474%        |

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 Sample : PB141699ZHE#03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB141699ZHE#03

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\SFAMXLM122321WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 7.312  | 1013 | 1021 | 1031 | rVB  | 188978  | 412638  | 14.45%  | 2.806%  |
| 38 | 7.464  | 1041 | 1046 | 1052 | rVB  | 7023    | 14277   | 0.50%   | 0.097%  |
| 39 | 7.598  | 1064 | 1068 | 1071 | rBV2 | 3339    | 6354    | 0.22%   | 0.043%  |
| 40 | 7.647  | 1071 | 1076 | 1080 | rVV  | 8308    | 14672   | 0.51%   | 0.100%  |
| 41 | 7.799  | 1094 | 1101 | 1116 | rBV  | 1158422 | 1984243 | 69.49%  | 13.492% |
| 42 | 8.086  | 1146 | 1148 | 1149 | rBV2 | 752     | 642     | 0.02%   | 0.004%  |
| 43 | 8.324  | 1181 | 1187 | 1196 | rBV  | 133364  | 216875  | 7.60%   | 1.475%  |
| 44 | 8.549  | 1218 | 1224 | 1234 | rBV  | 200489  | 303655  | 10.63%  | 2.065%  |
| 45 | 8.653  | 1234 | 1241 | 1249 | rBV  | 437752  | 691741  | 24.23%  | 4.704%  |
| 46 | 8.805  | 1263 | 1266 | 1271 | rVB3 | 3081    | 5154    | 0.18%   | 0.035%  |
| 47 | 8.872  | 1271 | 1277 | 1284 | rBV2 | 4606    | 8697    | 0.30%   | 0.059%  |
| 48 | 8.952  | 1284 | 1290 | 1297 | rBV2 | 117961  | 171313  | 6.00%   | 1.165%  |
| 49 | 9.244  | 1333 | 1338 | 1346 | rVV  | 56180   | 96876   | 3.39%   | 0.659%  |
| 50 | 9.311  | 1346 | 1349 | 1350 | rVV  | 17756   | 22363   | 0.78%   | 0.152%  |
| 51 | 9.342  | 1350 | 1354 | 1357 | rVV  | 150757  | 221492  | 7.76%   | 1.506%  |
| 52 | 9.385  | 1357 | 1361 | 1372 | rVV  | 387978  | 558814  | 19.57%  | 3.800%  |
| 53 | 9.482  | 1372 | 1377 | 1388 | rVV  | 2146657 | 2855438 | 100.00% | 19.416% |
| 54 | 9.580  | 1388 | 1393 | 1404 | rVB  | 247737  | 322251  | 11.29%  | 2.191%  |
| 55 | 9.738  | 1417 | 1419 | 1421 | rBV  | 674     | 522     | 0.02%   | 0.004%  |
| 56 | 9.915  | 1442 | 1448 | 1462 | rBV  | 1488307 | 1840485 | 64.46%  | 12.515% |
| 57 | 10.055 | 1465 | 1471 | 1479 | rVV  | 430069  | 570869  | 19.99%  | 3.882%  |
| 58 | 10.281 | 1505 | 1508 | 1510 | rBV2 | 1680    | 2150    | 0.08%   | 0.015%  |
| 59 | 10.506 | 1540 | 1545 | 1549 | rVB3 | 3455    | 4168    | 0.15%   | 0.028%  |
| 60 | 10.640 | 1562 | 1567 | 1579 | rBV  | 53843   | 68365   | 2.39%   | 0.465%  |
| 61 | 11.049 | 1631 | 1634 | 1637 | rBV2 | 789     | 1024    | 0.04%   | 0.007%  |
| 62 | 11.098 | 1640 | 1642 | 1643 | rBV  | 625     | 611     | 0.02%   | 0.004%  |
| 63 | 11.122 | 1643 | 1646 | 1650 | rVV4 | 2130    | 2893    | 0.10%   | 0.020%  |
| 64 | 11.195 | 1652 | 1658 | 1667 | rVV  | 353857  | 449668  | 15.75%  | 3.058%  |
| 65 | 11.323 | 1674 | 1679 | 1686 | rVB2 | 17090   | 27757   | 0.97%   | 0.189%  |
| 66 | 11.451 | 1696 | 1700 | 1707 | rBV  | 9225    | 12401   | 0.43%   | 0.084%  |
| 67 | 11.555 | 1715 | 1717 | 1720 | rBV3 | 520     | 567     | 0.02%   | 0.004%  |
| 68 | 11.750 | 1745 | 1749 | 1752 | rVB3 | 2816    | 3474    | 0.12%   | 0.024%  |
| 69 | 11.841 | 1762 | 1764 | 1766 | rVB  | 762     | 514     | 0.02%   | 0.003%  |
| 70 | 11.933 | 1777 | 1779 | 1782 | rVB3 | 1147    | 1142    | 0.04%   | 0.008%  |
| 71 | 12.024 | 1788 | 1794 | 1802 | rBV  | 421478  | 512487  | 17.95%  | 3.485%  |
| 72 | 12.323 | 1836 | 1843 | 1849 | rBV  | 467452  | 601736  | 21.07%  | 4.092%  |
| 73 | 12.579 | 1882 | 1885 | 1888 | rVB2 | 850     | 1278    | 0.04%   | 0.009%  |
| 74 | 12.610 | 1888 | 1890 | 1891 | rBV  | 652     | 538     | 0.02%   | 0.004%  |
| 75 | 12.768 | 1912 | 1916 | 1920 | rBV2 | 6443    | 8460    | 0.30%   | 0.058%  |
| 76 | 13.061 | 1960 | 1964 | 1968 | rBV3 | 695     | 1098    | 0.04%   | 0.007%  |

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 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB141699ZHE#03

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\SFAMXLM122321WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 13.097 | 1968 | 1970 | 1971 | rBV  | 791  | 629  | 0.02% | 0.004% |
| 78  | 13.475 | 2030 | 2032 | 2034 | rBV2 | 478  | 471  | 0.02% | 0.003% |
| 79  | 13.603 | 2050 | 2053 | 2054 | rVB3 | 531  | 554  | 0.02% | 0.004% |
| 80  | 13.622 | 2054 | 2056 | 2059 | rBV3 | 666  | 709  | 0.02% | 0.005% |
| 81  | 13.786 | 2079 | 2083 | 2084 | rBV2 | 679  | 706  | 0.02% | 0.005% |
| 82  | 13.872 | 2094 | 2097 | 2099 | rBV  | 764  | 878  | 0.03% | 0.006% |
| 83  | 13.896 | 2099 | 2101 | 2102 | rBV2 | 847  | 688  | 0.02% | 0.005% |
| 84  | 13.914 | 2102 | 2104 | 2107 | rVB2 | 755  | 870  | 0.03% | 0.006% |
| 85  | 14.073 | 2128 | 2130 | 2132 | rBV  | 599  | 496  | 0.02% | 0.003% |
| 86  | 14.134 | 2135 | 2140 | 2146 | rVV2 | 3065 | 4884 | 0.17% | 0.033% |
| 87  | 14.237 | 2155 | 2157 | 2159 | rBV  | 460  | 518  | 0.02% | 0.004% |
| 88  | 14.262 | 2159 | 2161 | 2166 | rVV  | 756  | 962  | 0.03% | 0.007% |
| 89  | 14.304 | 2166 | 2168 | 2172 | rVB  | 495  | 459  | 0.02% | 0.003% |
| 90  | 14.390 | 2180 | 2182 | 2184 | rVV2 | 502  | 469  | 0.02% | 0.003% |
| 91  | 14.426 | 2187 | 2188 | 2192 | rVB2 | 541  | 626  | 0.02% | 0.004% |
| 92  | 14.469 | 2192 | 2195 | 2198 | rBV2 | 358  | 491  | 0.02% | 0.003% |
| 93  | 14.530 | 2201 | 2205 | 2208 | rBV2 | 491  | 561  | 0.02% | 0.004% |
| 94  | 14.804 | 2247 | 2250 | 2251 | rBV  | 536  | 610  | 0.02% | 0.004% |
| 95  | 14.871 | 2259 | 2261 | 2264 | rVB2 | 837  | 832  | 0.03% | 0.006% |
| 96  | 14.908 | 2264 | 2267 | 2268 | rBV2 | 1019 | 964  | 0.03% | 0.007% |
| 97  | 15.066 | 2290 | 2293 | 2295 | rBV2 | 735  | 831  | 0.03% | 0.006% |
| 98  | 15.097 | 2295 | 2298 | 2299 | rVB  | 735  | 647  | 0.02% | 0.004% |
| 99  | 15.560 | 2373 | 2374 | 2378 | rBV2 | 759  | 643  | 0.02% | 0.004% |
| 100 | 16.432 | 2515 | 2517 | 2519 | rBV2 | 819  | 897  | 0.03% | 0.006% |

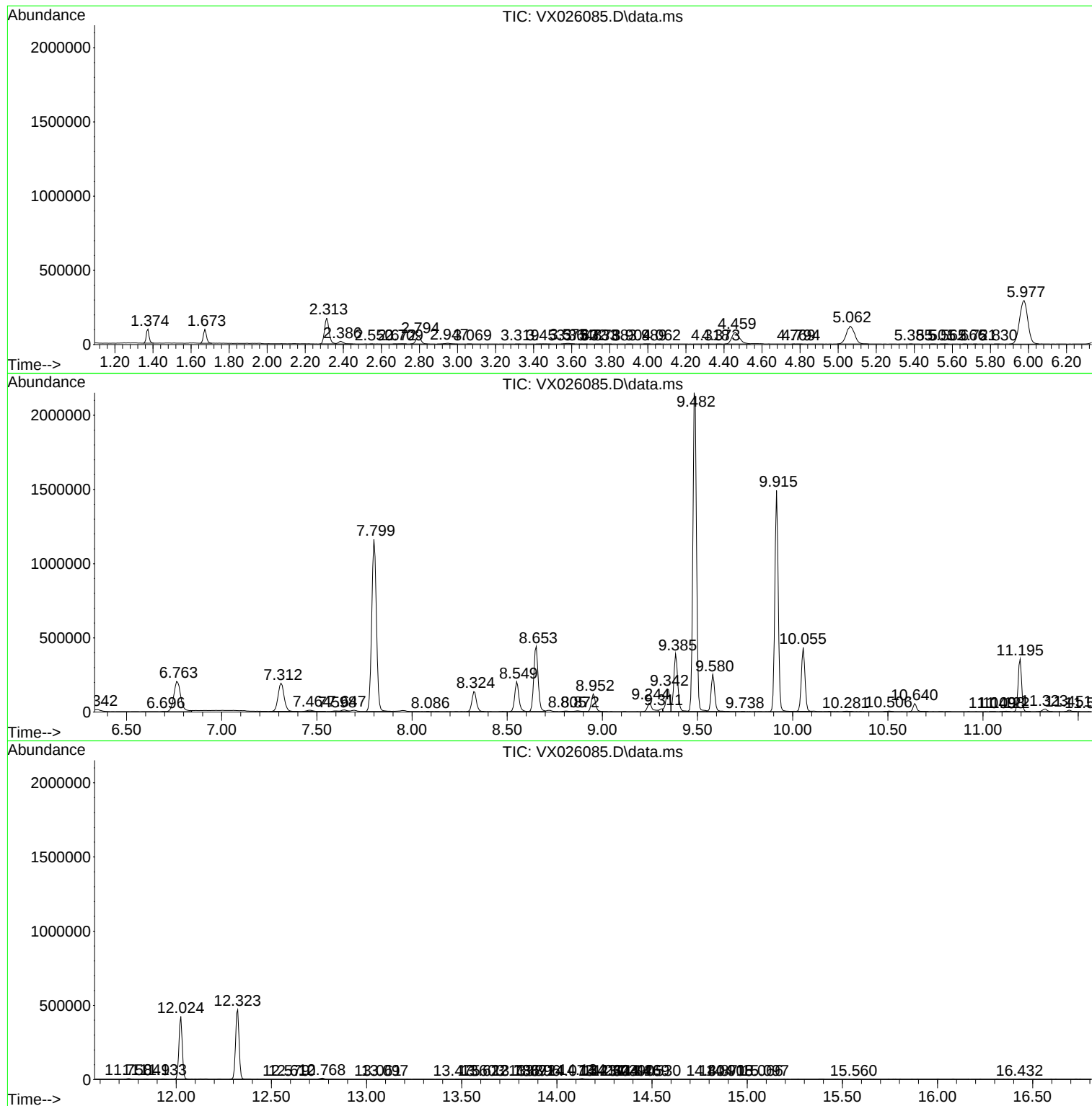
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
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Acq On : 28 Dec 2021 00:59  
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Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

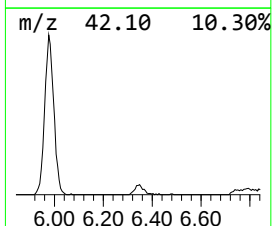
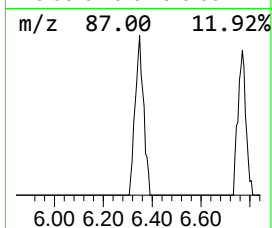
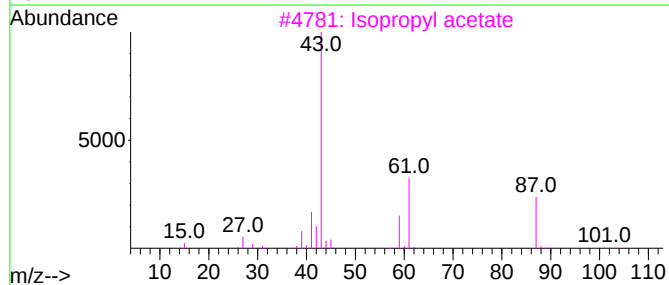
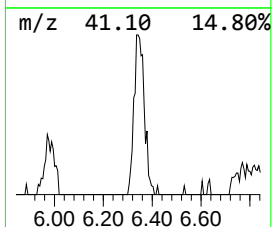
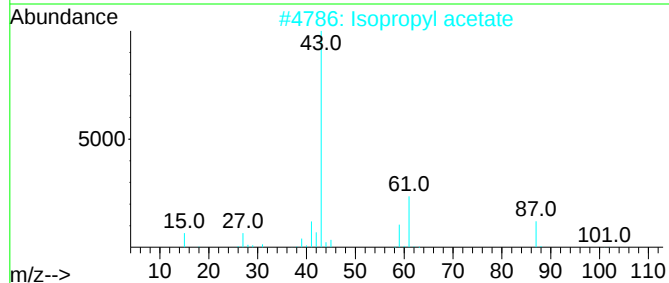
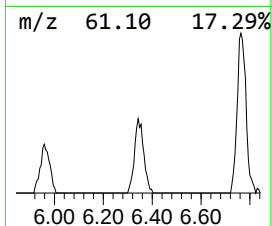
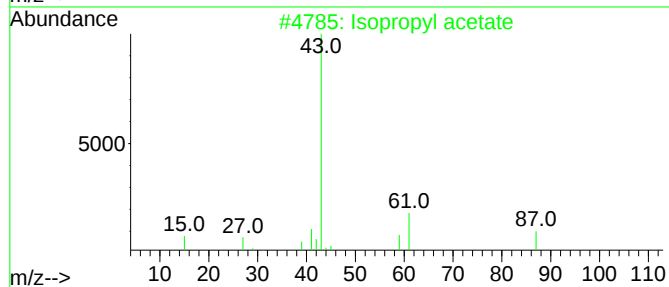
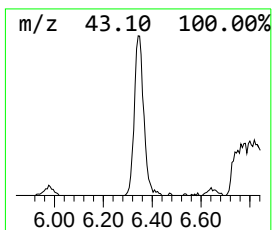
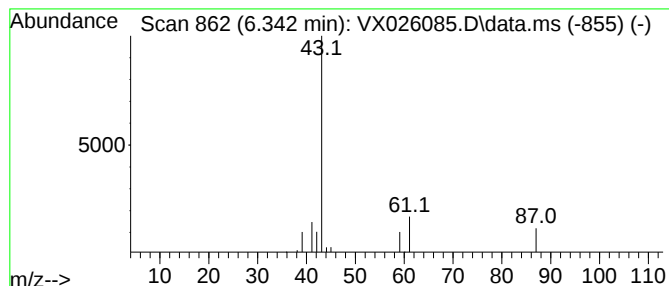
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 Isopropyl acetate Concentration Rank 10

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.342 | 3.45 ug/L | 35273 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 83   |
| 2    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 83   |
| 3    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 83   |
| 4    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 74   |
| 5    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 74   |



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ALS Vial : 41 Sample Multiplier: 1

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PB141699ZHE#03

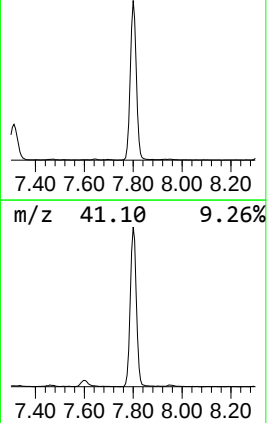
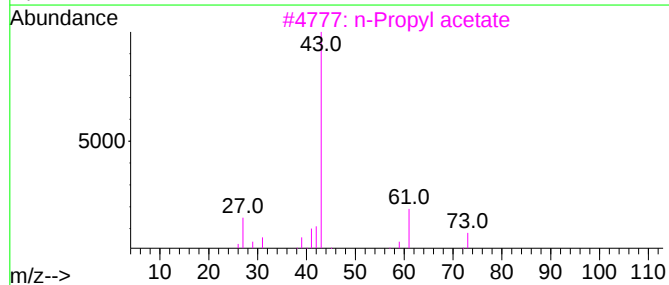
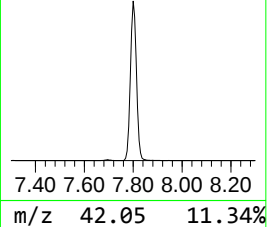
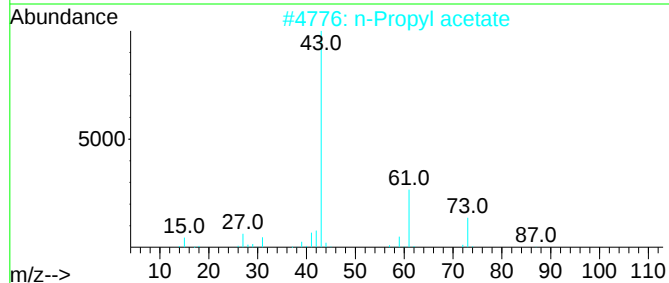
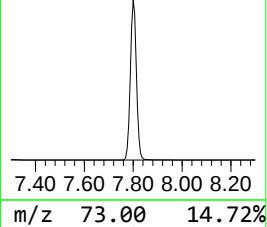
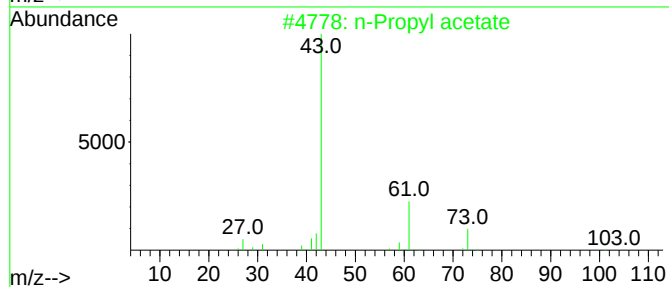
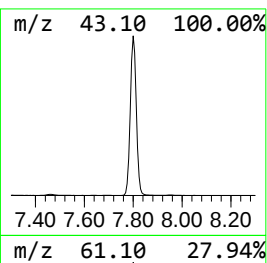
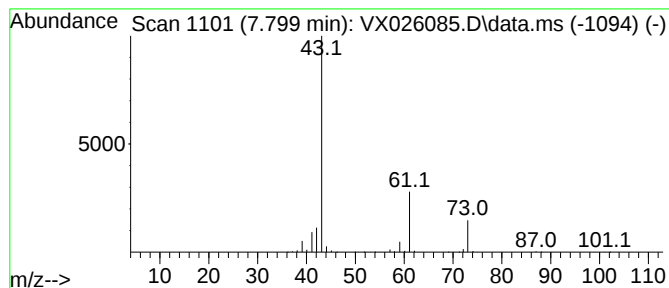
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 n-Propyl acetate Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD    | R.T.  |
|-------|-------------|---------|---------------------|-------|
| 7.799 | 194.21 ug/L | 1984240 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|---|--------------|-----|---------|-------------|------|
| 1    | n-Propyl acetate |   |              | 102 | C5H10O2 | 000109-60-4 | 83   |
| 2    | n-Propyl acetate |   |              | 102 | C5H10O2 | 000109-60-4 | 78   |
| 3    | n-Propyl acetate |   |              | 102 | C5H10O2 | 000109-60-4 | 78   |
| 4    | n-Propyl acetate |   |              | 102 | C5H10O2 | 000109-60-4 | 78   |
| 5    | n-Propyl acetate |   |              | 102 | C5H10O2 | 000109-60-4 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

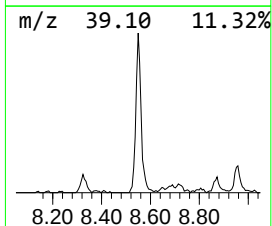
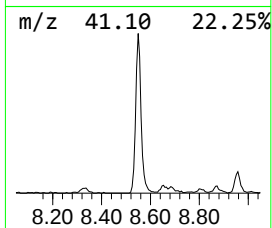
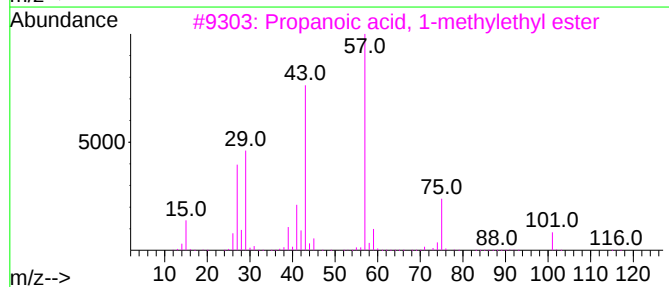
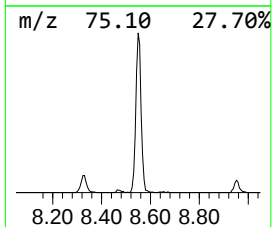
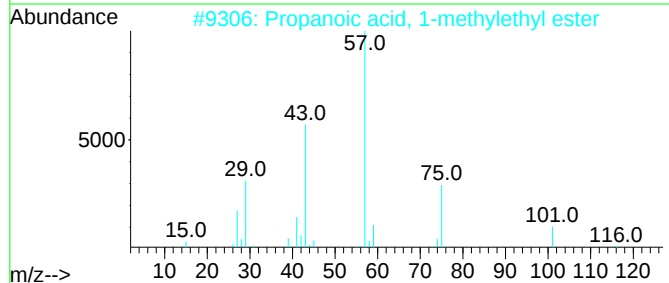
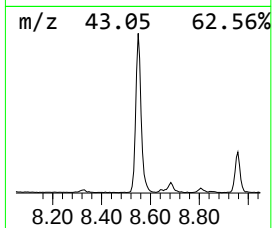
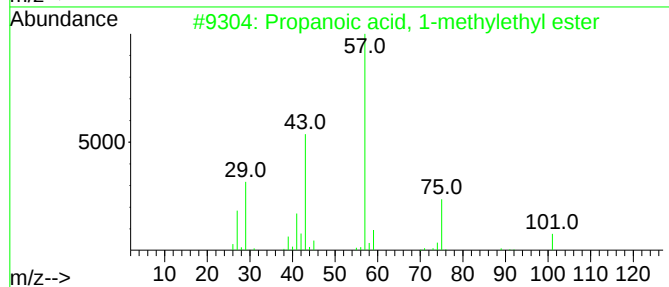
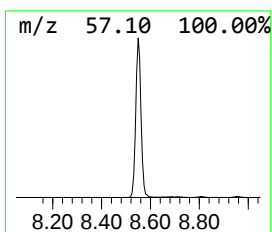
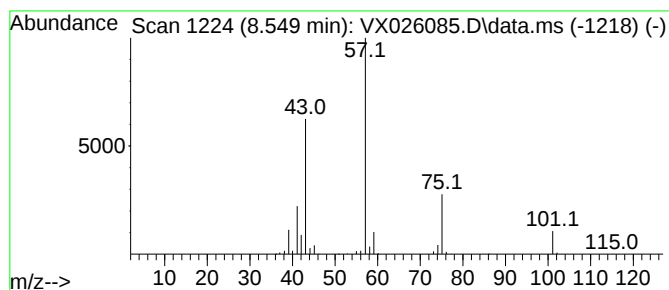
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 Propanoic acid, 1-methyleth... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 8.549 | 26.60 ug/L | 303655 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 90   |
| 2    |    |   | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83   |
| 3    |    |   | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 74   |
| 4    |    |   | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 64   |
| 5    |    |   | Propanoic acid, propyl ester        | 116 | C6H12O2 | 000106-36-5 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

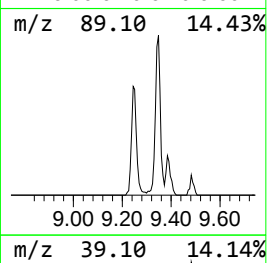
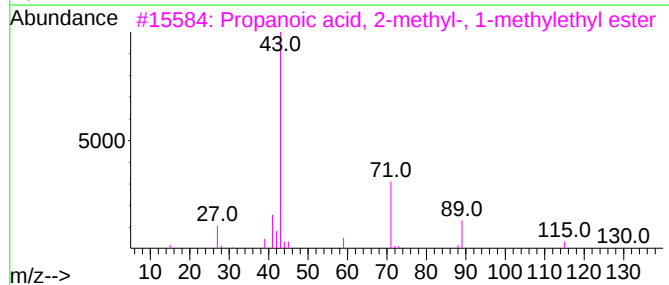
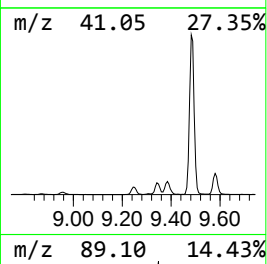
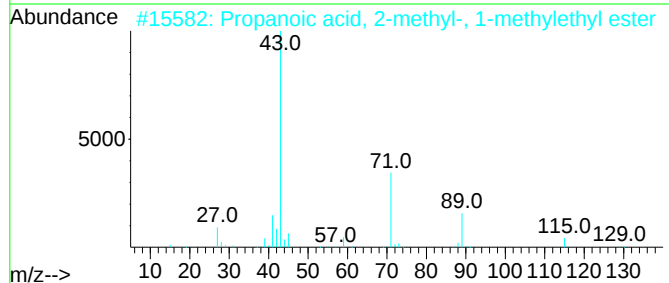
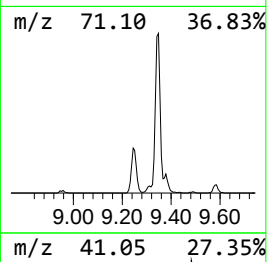
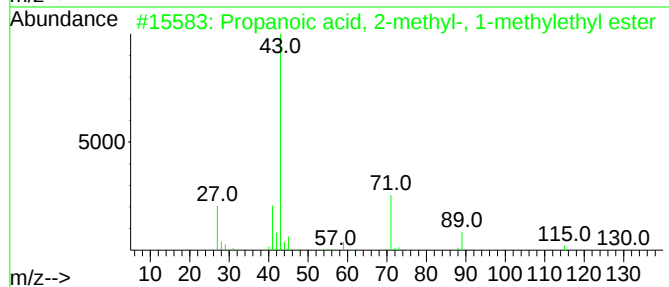
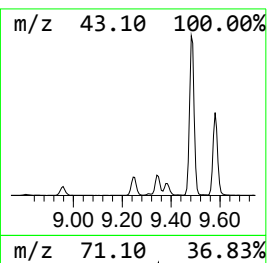
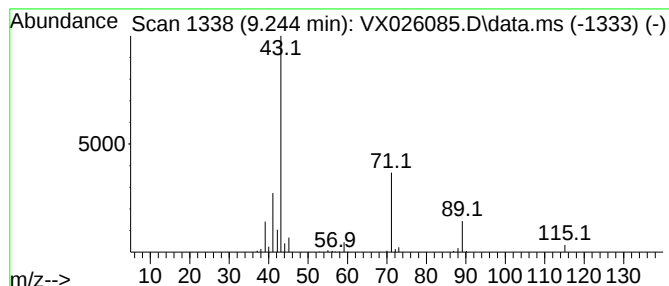
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.   |
|-------|-----------|-------|------------------|--------|
| 9.244 | 8.48 ug/L | 96876 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83   |
| 2    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83   |
| 3    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83   |
| 4    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78   |
| 5    |    |   | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

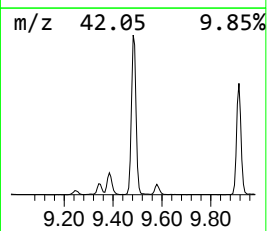
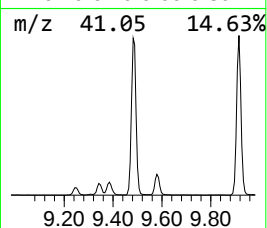
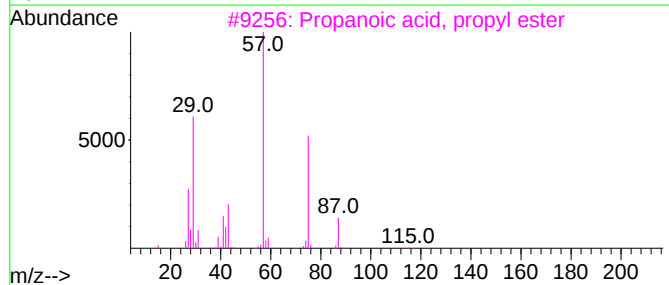
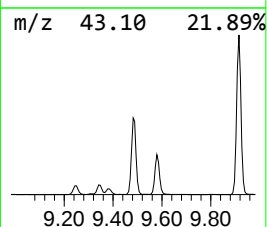
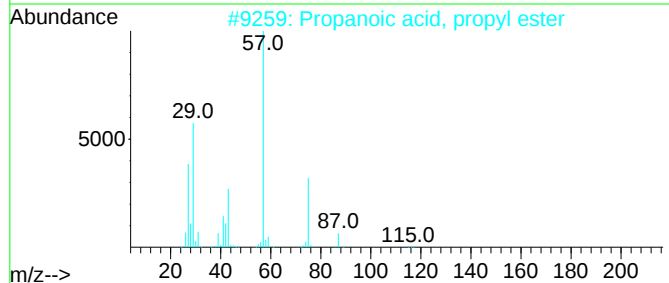
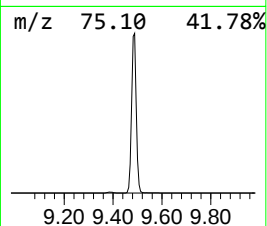
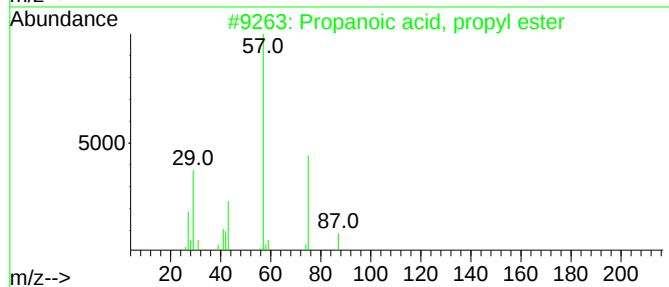
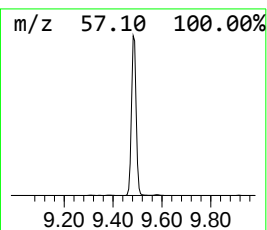
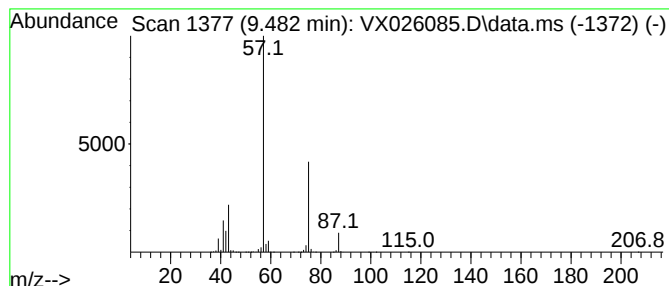
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 8 Propanoic acid, propyl ester Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.   |
|-------|-------------|---------|------------------|--------|
| 9.482 | 250.10 ug/L | 2855440 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83   |
| 2    |    |   | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83   |
| 3    |    |   | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83   |
| 4    |    |   | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83   |
| 5    |    |   | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 78   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

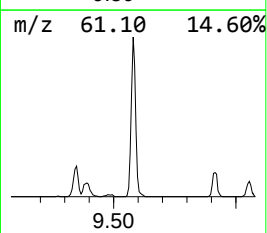
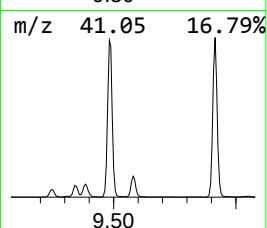
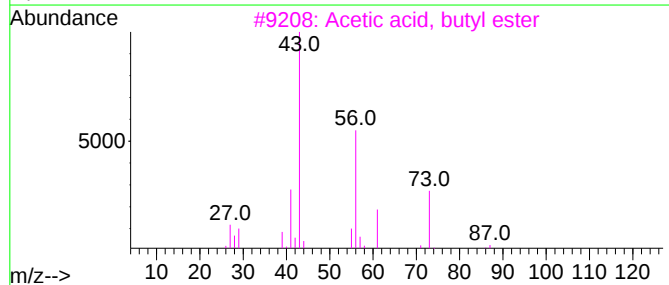
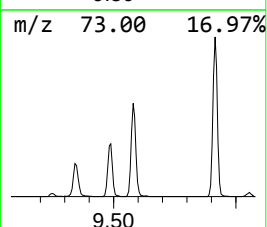
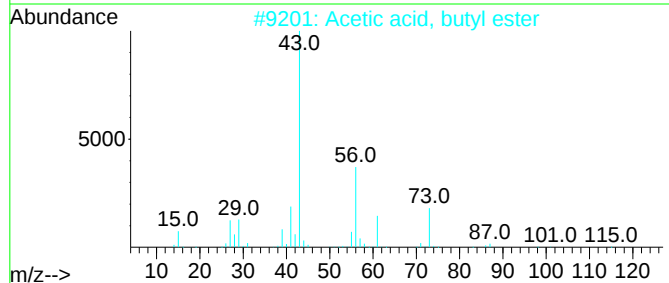
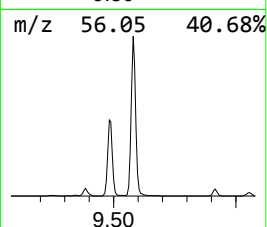
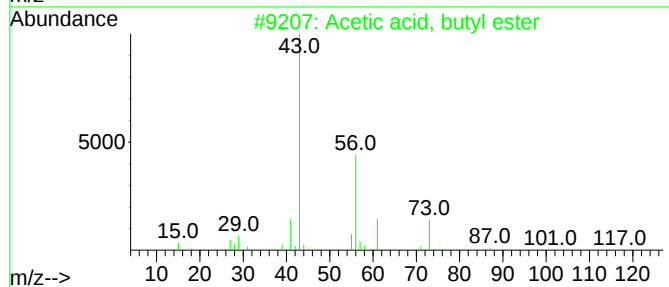
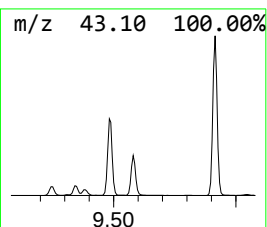
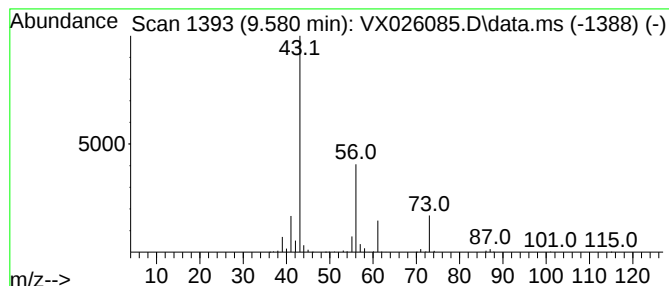
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 9 Acetic acid, butyl ester Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.580 | 28.22 ug/L | 322251 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 83   |
| 2    |    |   | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 83   |
| 3    |    |   | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 72   |
| 4    |    |   | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 56   |
| 5    |    |   | Isobutyl acetate         | 116 | C6H12O2 | 000110-19-0 | 40   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

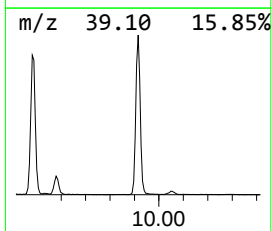
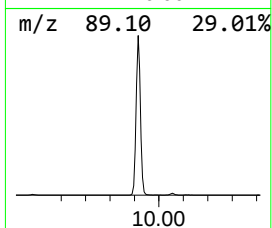
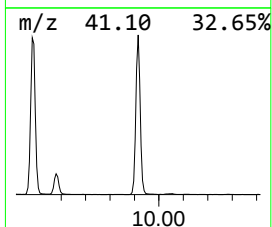
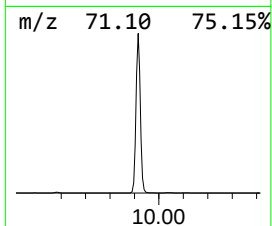
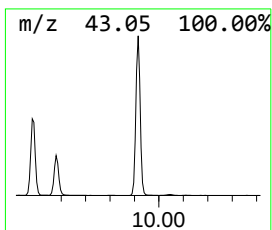
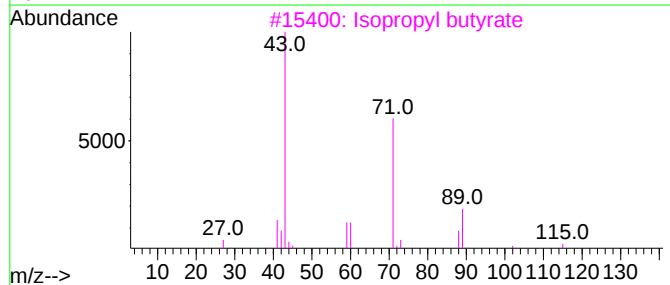
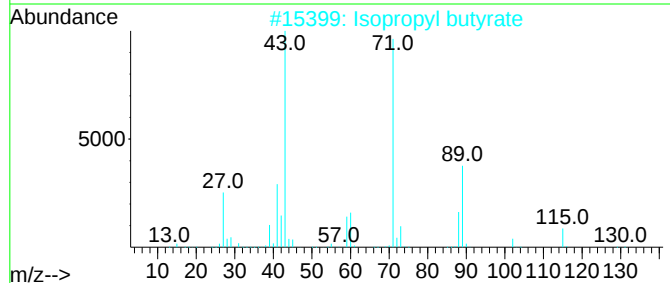
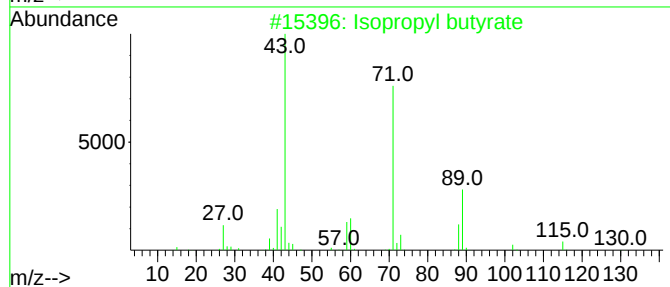
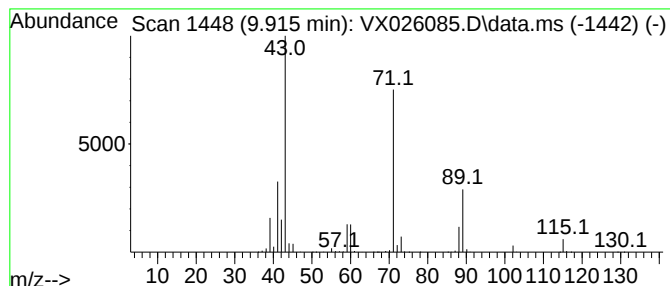
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 10 Isopropyl butyrate Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.   |
|-------|-------------|---------|------------------|--------|
| 9.915 | 161.20 ug/L | 1840490 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Isopropyl butyrate                  | 130 | C7H14O2 | 000638-11-9 | 91   |
| 2    |    |   | Isopropyl butyrate                  | 130 | C7H14O2 | 000638-11-9 | 91   |
| 3    |    |   | Isopropyl butyrate                  | 130 | C7H14O2 | 000638-11-9 | 83   |
| 4    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78   |
| 5    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

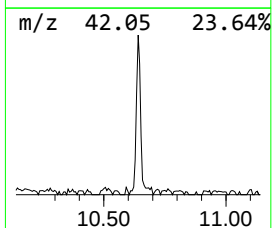
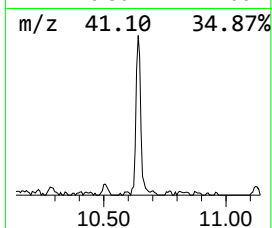
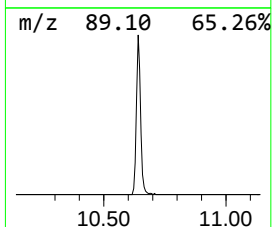
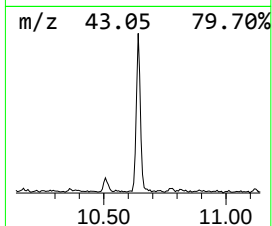
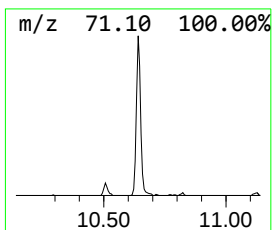
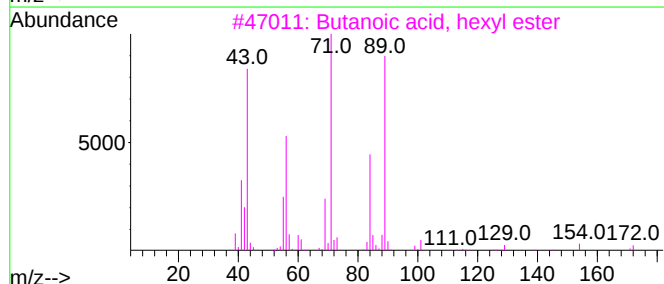
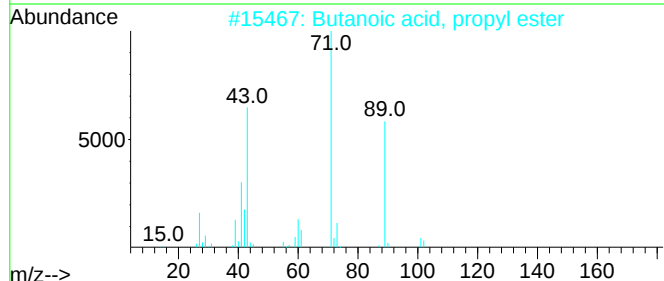
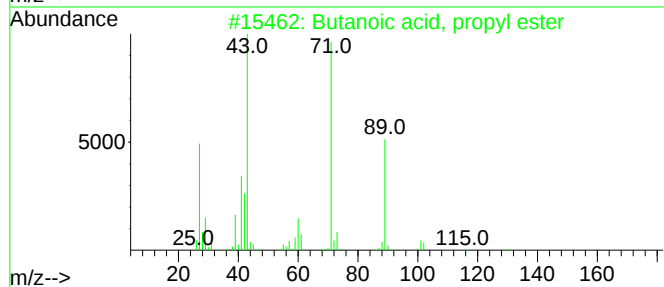
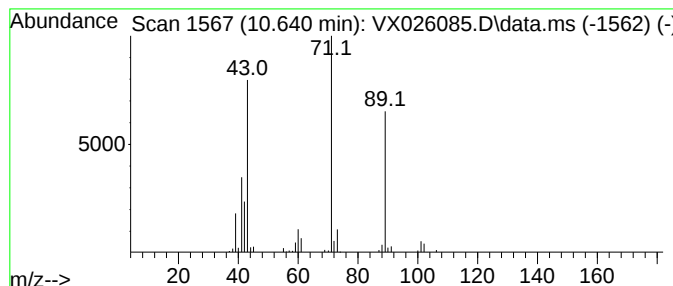
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 11 Butanoic acid, propyl ester Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.640 | 5.99 ug/L | 68365 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------|-----|----------|-------------|------|
| 1    |    |   | Butanoic acid, propyl ester | 130 | C7H14O2  | 000105-66-8 | 86   |
| 2    |    |   | Butanoic acid, propyl ester | 130 | C7H14O2  | 000105-66-8 | 86   |
| 3    |    |   | Butanoic acid, hexyl ester  | 172 | C10H20O2 | 002639-63-6 | 78   |
| 4    |    |   | Butanoic acid, pentyl ester | 158 | C9H18O2  | 000540-18-1 | 78   |
| 5    |    |   | Butanoic acid, heptyl ester | 186 | C11H22O2 | 005870-93-9 | 78   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122721\  
Data File : VX026085.D  
Acq On : 28 Dec 2021 00:59  
Operator : JC/MD  
Sample : PB141699ZHE#03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141699ZHE#03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Isopropyl acetate  | 6.342  | 3.5     | ug/L  | 35273    | 1                     | 6.763  | 510860 | 50.0 |
| n-Propyl acetate   | 7.799  | 194.2   | ug/L  | 1984240  | 1                     | 6.763  | 510860 | 50.0 |
| Propanoic acid,... | 8.549  | 26.6    | ug/L  | 303655   | 2                     | 10.055 | 570869 | 50.0 |
| Propanoic acid,... | 9.244  | 8.5     | ug/L  | 96876    | 2                     | 10.055 | 570869 | 50.0 |
| Propanoic acid,... | 9.482  | 250.1   | ug/L  | 2855440  | 2                     | 10.055 | 570869 | 50.0 |
| Acetic acid, bu... | 9.580  | 28.2    | ug/L  | 322251   | 2                     | 10.055 | 570869 | 50.0 |
| Isopropyl butyrate | 9.915  | 161.2   | ug/L  | 1840490  | 2                     | 10.055 | 570869 | 50.0 |
| Butanoic acid, ... | 10.640 | 6.0     | ug/L  | 68365    | 2                     | 10.055 | 570869 | 50.0 |